AGENDA

CITY OF TAYLOR, TEXAS

CITY COUNCIL MEETING

CITY HALL, COUNCIL CHAMBERS, 400 PORTER STREET

APRIL 13, 2023, 6:00 P.M.

CALL TO ORDER AND DECLARE A QUORUM

INVOCATION / MOMENT OF REFLECTION

PLEDGE OF ALLEGIANCE

PROCLAMATIONS/RECOGNITIONS

1. Child Abuse Prevention and Awareness Month.
2. National Public Safety Telecommunicators Week proclamation.

CITIZENS COMMUNICATION

(The City Council welcomes public comments on items not listed on the agenda. However, the Council cannot respond until the item is posted on a future meeting agenda. Public comments are limited to 3 minutes.)

CONSENT AGENDA

(The Consent Agenda includes non-controversial and routine items that the Council may act on with one single vote. Any Council member may pull any item from the Consent Agenda to discuss and act upon individually on the Regular Agenda.)

3. Approve minutes from the March 23, 2023 regular City Council meeting and the March 27, 2023 special called Taylor Housing Authority Board joint meeting. (Dianna McLean)
4. Concur with preliminary financials for February 2023. (Jeff Wood)
5. Consider Ordinance 2023-15 regarding PZ-2023-1629 a request to amend the Future Land Use Map to redesignate a portion of the property from Market Center: Community to Employment Center: Community on property described as 39.85 acres of land generally located at 1103 Carlos G. Parker Blvd. (Tom Yantis)
6. Consider Ordinance 2023-16 regarding PZ-2022-1560 a request to change the zoning designation from the zoning designation from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD) on property described as approximately 1.40 acres of land generally located along Murphy Street. (Tom Yantis)
7. Consider acceptance of subdivision infrastructure for the Castlewood Subdivision Phase 2 & 3. (Jim Gray/Jacob Walker)
8. Consider acceptance of subdivision infrastructure for the RCR-Taylor Logistics Park (Jim Gray/Jacob Walker)
9. Consider Resolution R23-12 authorizing proceeding with issuance of certificates of obligation to the Texas Water Development Board and further directing the publication of notice of intention to issue City of Taylor, Texas Combination Tax and Surplus Revenue Certificates of Obligation, series 2023. (Jeff Wood)

PUBLIC HEARINGS / ORDINANCES

10. Consider introducing Ordinance 2023-13 adopting updated water and wastewater impact fees. (Tom Yantis)
11. Consider introducing Ordinance 2023-14, adoption of city event policy. (Brian LaBorde)

12. Consider introducing Ordinance 2023-17, Assignment Pay. (LaShon Gros)
13. Consider introducing Ordinance 2023-18, amending the FY2023 budget. (Jeff Wood)
14. Consider Introducing Ordinance 2023-19 Amending Fees for City Services for Fiscal Year 2023. (Jeff Wood)

REGULAR AGENDA; REVIEW/DISCUSS AND CONSIDER ACTION

15. Consider approving award for the Request for Qualifications (RFQ) for programing, planning, design, and construction administration for the new City Hall/Justice Center and authorize City Manager to negotiate a contract with selected firm. (Jeff Jenkins)
16. Consider Second Amendment to Chapter 380 Economic Development Agreement with Lone Star Circle of Care and authorize City Manager to execute the agreement. (Jeff Jenkins)
17. Consider approving Resolution R23-11 accepting the conveyance of real property from Lone Star Circle of Care. (Jeff Jenkins)
18. Appointments, reappointments, and/or replacements to Taylor Economic Development Corporation Board (TEDC). (Dianna McLean)

The City Council may take action on any executive session item listed on this agenda after they reconvene into regular session.

Executive Session I. The Taylor City Council will conduct a closed executive meeting under Section 551.071 (Consultation with City Attorney) and Section 551.072 (Real Property) of the Texas Government Code in order to meet with its City Attorney on a matter in which the duty of the Attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas authorize and allow such a closed meeting and which Rules conflict with the Texas Open Meetings Act.

a) Petition regarding MUD #47
b) Donna Channel project

19. Reconvene into Open Session and take any action.

ADJOURN

The Council may vote and/or act upon each of the items listed in this Agenda. The Council reserves the right to retire into executive session concerning any of the items listed on this Agenda, whenever it is considered necessary and legally justified under the Open Meetings Act including: Section 551.071 (Consult with attorney); Section 551.072 (Real Property); Section 551.073 (Gifts and Donations); Section 551.074 (Personnel Matters); Section 551.076 (Security Devices); and Section 551.087 (Economic Development). I certify that the notice of meeting was posted in the Taylor City Hall Lobby before 6:00 p.m. on April 10, 2023 and remained posted for at least 72 hours continuously before the scheduled time of said meeting. I further certify that the following news media was notified of this meeting: Taylor Press.

In compliance with the ADA the City Hall and Council Chambers is wheelchair accessible. Reasonable accommodations will be provided for persons attending city council meetings in need of special assistance. Please contact the City Clerk at least 24 hours prior to the meeting for special assistance.

Posted By: Dianna McLean Date 4-10-2023
Dianna McLean, City Clerk

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☒ Quality of Life
☐ Economic Vitality

Agenda Item #: 1

Agenda Title: **Child Abuse Prevention and Awareness Month proclamation**

Council Action to be taken: Read and present proclamation

Department Submitted:

Staff Contact: Dianna McLean, City Clerk

1. PURPOSE/DESCRIPTION

To raise awareness of child abuse and neglect, and create strong communities to support the strengthening and healing of the abused children and their non-offending family members

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

N/A

3. PROS and CONS

PROS	CONS
•	•

4. RECOMMENDATION

Read and present the proclamation to Tori Algiere with the Williamson County Child Advocacy Center.

5. FUNDING SOURCE

N/A

6. TIMELINE

N/A

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

1a. Proclamation

Proclamation

Child Abuse Prevention and Awareness

WHEREAS, During the month of April 2023, the Williamson County Children's Advocacy Center will observe National Child Abuse Awareness and Prevention Month to raise awareness of child abuse and neglect, and create strong communities to support the strengthening and healing of the abused children and their non-offending family members; AND

WHEREAS, Each year, hundreds of children are confirmed victims of child abuse and neglect, and its prevention is a community-wide responsibility; AND

WHEREAS, The "Go-Blue Committee" (which includes members of B.A.C.A, CASA of Williamson County, Cedar Park Police Department, Georgetown Police Department, Round Rock Police Department, Round Rock ISD Police Department, Leander Police Department, The Georgetown Project, Williamson County Sheriff's, Juvenile Services, Starry, and Williamson County Children's Advocacy Center) serves hundreds of abused and neglected children, as well as their non-offending family members, each year. AND

WHEREAS, It is important to remember that *children are our future*, and we must nurture and protect them, and provide a safe environment in which they can grow and prosper.

NOW, THEREFORE; I, Brandt Rydell, Mayor of the City of Taylor, do hereby proclaim April, 2023 as

CHILD ABUSE PREVENTION AND AWARENESS MONTH

in Taylor and urge all citizens to recognize this month by dedicating ourselves to the task of improving the quality of life for all children and families by recognizing; and, hereby recognize the "Go Blue Committee" for its outstanding service to protect the unprotected, seek justice against child maltreatment and encourage all citizens to be vigilant in recognizing and reporting child abuse in Taylor, Texas.

Dated this 13th day of April, 2023.

_____

Brandt Rydell, Mayor
City of Taylor

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☒ Quality of Life
☐ Economic Vitality

Agenda Item #: 2

Agenda Title: **National Public Safety Telecommunicators Week Proclamation**

Council Action to be taken: Mayor Rydell to sign and issue the proclamation.

Department Submitted: Police

Staff Contact: Henry Fluck, Chief of Police

1. PURPOSE/DESCRIPTION

To recognize National Public Safety Telecommunicators Week 2023 and to honor the service and sacrifice of the Taylor Communication Officers who protect our community by answering calls from residents and dispatching police officers to crimes in progress, reports of crimes that already occurred, disturbances in progress, and traffic collisions.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

Each year, the second full week of April is dedicated to the men and women who serve as public safety telecommunicators. The official name of the week when originally introduced in Congress in 1991 was "National Public Safety Telecommunicators Week." It is estimated that there are over 200,000 Police Dispatchers in the United States. The City of Taylor recognizes the professional dedication and unending services of the Communications Officers who answer and dispatch 9-1-1 calls on a 24/7 daily basis.

3. PROS and CONS

PROS	CONS
• Positive recognition and appreciation of dedicated public servants. • Attention to the continuous 24/7 valuable service of Taylor Police Communication Officers.	• None

4. RECOMMENDATION

Mayor Rydell to sign and issue the National Public Safety Telecommunicators Week Proclamation.

5. FUNDING SOURCE

There is no fiscal impact associated with this proclamation

6. TIMELINE

April 9-15, 2023, is designated by the Congress of the United States as National Public Safety Telecommunicators Week.

7. OTHER OPTIONS (In order of preference)

Not issue Proclamation

8. ATTACHMENTS

2a. National Public Safety Telecommunicators Week 2023 Proclamation

Proclamation

National Public Safety Telecommunicators Week

WHEREAS, the safety of our police officers is dependent upon the quality and accuracy of information obtained from citizens who call the City of Taylor Communications Center; and

WHEREAS, our Communication Officers are the first and most critical link between people calling in an emergency situation and the response of police officers who arrive on the scene; and

WHEREAS, we recognize the professional and unending services of the Communications Officers who answer 9-1-1 calls on a 24/7 daily basis; and

WHEREAS, our Communication Officers provide a vital link for our police officers by monitoring their activities by radio, providing information, and ensuring their safety; and

WHEREAS, our Communication Officers contribute to the apprehension of criminals, keeping the peace in our neighborhoods, and providing prompt and professional police service and protection to Taylor residents; and

WHEREAS, each Communication Officer has exhibited compassion, understanding, and professionalism during the performance of her job in the past year.

NOW, THEREFORE, on behalf of the City Council, I, Brandt Rydell, Mayor of the City of Taylor, do hereby proclaim the week of April 9 through April 15, 2023, as

National Public Safety Telecommunicators Week

PROCLAIMED this the 13th day of April, 2023.

_____

Brandt Rydell, Mayor
City of Taylor

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☒ Quality of Life
☐ Economic Vitality

Agenda Item #: 3

Agenda Title: **Approve minutes from the March 23, 2023 regular City Council meeting and the March 27, 2023 special called Taylor Housing Authority Board joint meeting.**

Council Action to be taken: Approve by consent or approve with corrections if needed

Department Submitted: City Clerk

Staff Contact: Dianna McLean

1. PURPOSE/DESCRIPTION

Pursuant to the Open Meetings Law, Chapter 551, Local Government Code and in accordance with the authority contained in Section 551.021 and the City Charter, the Minutes of each City Council meeting must be recorded, compiled and approved by the City Council in subsequent meetings. The purpose of this item is to conform to these legal requirements.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

N/A

3. PROS and CONS

PROS	CONS
•	•

4. RECOMMENDATION

Approve as submitted or amend with changes noted.

5. FUNDING SOURCE

N/A

6. TIMELINE

N/A

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

3a. March 23, 2023 minutes
3b. March 27, 2023 THA-Council minutes

City of Taylor
Regular City Council Meeting
Taylor City Hall, Council Chambers, 400 Porter Street
March 23, 2023 at 6:00 p.m.

Mayor Rydell declared a quorum and called the meeting to order at 6:00 p.m. with the following present:

Mayor Pro-Tem Gerald Anderson
Council Member Robert Garcia
Mayor Brandt Rydell
Council Member Dwayne Ariola

Absent: Council Member Mitch Drummond

Brian LaBorde, City Manager
Jeff Jenkins, Deputy City Manager
Tom Yantis, Assistant City Manager
Mark Schroeder, Assistant City Attorney
Dianna McLean, City Clerk

INVOCATION / MOMENT OF REFLECTION

PLEDGE OF ALLEGIANCE

PROCLAMATIONS/RECOGNITIONS

1. **Breaking the Silence project proclamation.**
   Councilmember Garcia read the proclamation and presented it to Marcus Reese.

CITIZENS COMMUNICATION

Sandra Wolff, 1511 Frink St. – suggested a community output committee to review Council raises.
Sandra Wolff, 1511 Frink St. – suggested an extension to the output committee to be proactive on environmental impact issues.

BOARDS & COMMISSION PRESENTATION

2. **Moody Museum Board update.**
   Susan Komandosky, Board Chairman – gave a presentation on current and future projects and requested Council consider providing for a part-time curator.

   Motion was made by Councilmember Garcia to receive the Moody Museum Board update as presented. Motion was seconded by Councilmember Ariola. Motion carried unanimously.

CONSENT AGENDA

3. **Approve minutes from the March 8, 2023 TIF/TIRZ #1 meeting and the March 9, 2023 regular City Council meeting.**
4. **Award RFP for Grant Admin to assist with TXDOT Alternative Grant Project.**
5. **Award RFQ for Engineering to assist with TXDOT Alternative Grant Project.**
6. **Consider Ordinance 2023-12, amending Ordinance 2022-02, pertaining to the Taylor Municipal Airport rules and regulations.**
7. **Consider Ordinance 2023-11, repealing Ordinance Nos. 2000-10 and 2018-09 and Article IV, Division 6 of the Taylor code of ordinances establishing the Airport Board for the City of Taylor, to be replaced by an Airport Committee under the City of Taylor Airport rules and regulation ordinance.**
8. **Consider amending contract with Fazzone Construction through a Change Order for the Taylor Animal Shelter Project.**

Motion was made by Councilmember Garcia to approve the consent agenda items as presented. Motion was seconded by Mayor Pro-Tem Anderson. Motion carried unanimously.

PUBLIC HEARING/ORDINANCES

9. **Hold a public hearing and introduce Ordinance 2023-15 regarding PZ-2023-1629 a request to amend the Future Land Use Map to redesignate a portion of the property from Market Center: Community to Employment Center: Community on property described as 39.85 acres of land generally located at 1103 Carlos G. Parker Blvd.**
Tom Yantis, Assistant City Manager – this amendment to the Future Land Use map within the Comprehensive Plan will allow for a combination of Market Center: Community and Employment Center: Community. The applicant is requesting to redesignate approximately 25 acres of the subject property from Market Center: Community to Employment Center: Community. Planning and Zoning Commission recommended approval to the City Council for the proposed zoning amendment.

Mayor Rydell opened the public hearing at 6:25pm.
Sandra Wolff – asked for clarification on definition of Employment Center and its uses.
With no one else appearing the public hearing was closed at 6:27pm.

The City Attorney read the caption of the ordinance.

ORDINANCE NO. 2023-15

AN ORDINANCE OF THE CITY OF TAYLOR, TEXAS, AMENDING THE COMPREHENSIVE PLAN AND THE FUTURE LAND USE MAP SO AS TO CHANGE THE FUTURE LAND USE DESIGNATION FOR APPROXIMATELY TWENTY-FIVE (25) ACRES FROM MARKET CENTER: COMMUNITY TO EMPLOYMENT CENTER: COMMUNITY ON APPRROXIMATELY 39.85 ACRES OF LAND PART OF AND OUT OF THE H.G. JOHNSON SURVEY, ABSTRACT NO. 348, AND THE W.R. WILLIAMS SURVEY, ABSTRACT NO. 665, TAYLOR, WILLIAMSON COUNTY, TEXAS. PROVIDING FOR THE AMENDMENT OF THE PLAN; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING A SAVINGS CLAUSE

First reading. No action was taken.

10. **Hold a public hearing and introduce Ordinance 2023-16 regarding PZ-2022-1560 a request to change the zoning designation from the zoning designation from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD) on property described as approximately 1.40 acres of land generally located along Murphy Street.**
Tom Yantis, Assistant City Manager – gave a presentation showing the proposed master plan for the property. The Planned Development incorporates attached and detached single-family and

duplex, civic spaces, and the flexibility for lodging, office, retail, and restaurant that is consistent with the Comprehensive Plan. Planning and Zoning Commission recommended approval to the City Council for the proposed zoning amendment.

Mayor Rydell opened the public hearing at 6:35pm. With no one appearing the public hearing was closed at 6:35pm.

The City Attorney read the caption of the ordinance.

ORDINANCE NO. 2023-16

AN ORDINANCE CHANGING THE ZONING ON PROPERTY DESCRIBED AS APPROXIMATELY 1.40 ACRES OF LAND GENERALLY LOCATED ALONG MURPHY STREET, FROM LOCAL BUSINESS (B-1), MULTI-FAMILY RESIDENTIAL (MF-2) AND PARKS (P) TO MULTI-FAMILY RESIDENTIAL WITH A PLANNED DEVELOPMENT OVERLAY (MF-1/RDP), PART OF LOT 1 AND LOTS 2-5, BLOCK 52, LOT 5, BLOCK 53, THE NORTHERN PART OF LOT 1, AND LOT 6, BLOCK 56, AND THE SOUTHERN PART OF LOT 1, BLOCK 57, THE CITY OF TAYLOR MAP AS RECORDED IN CABINET A, SLIDE 228, TAYLOR, WILLIAMSON COUNTY, TEXAS; PROVIDING A SAVINGS CLAUSE.

First reading. No action was taken.

REGULAR AGENDA; REVIEW/DISCUSS AND CONSIDER ACTION

11. **Receive the Annual Comprehensive Financial Report for Fiscal Year 2021-22.**
Mike Brooks, BrooksWatson & Company – presented and briefly went over the summary Annual Comprehensive Financial Report of the City of Taylor for the fiscal year ended September 30, 2022. The audit results were considered 'clean' with no material misstatements.

Motion was made by Councilmember Garcia to receive the Annual Comprehensive Financial Report for FY2021-22 as presented. Motion was seconded by Councilmember Ariola. Motion carried unanimously.

12. **Consider approving Resolution R23-10 authorizing the City Manager to act on the City of Taylor's behalf with regard to an electricity procurement contract, Governmental Aggregation Project, Inc. ("GAP").**
Nicole Oman, Internal Services Director - due to the electricity market being volatile, and the bids expiring in the same afternoon that they are sent, this resolution allows the City Manager to sign and execute a contract for electricity procurement.

Motion was made by Councilmember Garcia to adopt resolution R23-10 as presented. Motion was seconded by Councilmember Ariola. Motion carried unanimously.

13. **Consider adoption of Water and Wastewater Master Plans.**
    Heather Lindner, HDR Engineering – gave a presentation of the water and wastewater master plan and discussed primary needs and capital improvement project recommendations.

    Motion was made by Councilmember Ariola to adopt the Water and Wastewater Master Plans as presented. Motion was seconded by Mayor Pro-Tem Anderson. Motion carried unanimously.

14. **Receive update on Bull Branch wastewater interceptor.**
    Heather Lindner, HDR Engineering - presented the findings of the wastewater flow metering and wastewater model calibration to address capacity constraints in the Bull Branch gravity interceptor. The recommendation of the study is to find and address the sources of inflow and infiltration, as well as proceed with design of upsizing a southern portion of the Bull Branch interceptor.

    Motion was made by Councilmember Ariola to receive the Bull Branch wastewater interceptor update as presented. Motion was seconded by Mayor Pro-Tem Anderson. Motion carried unanimously.

15. **Consider recommendation from the Impact Fee Advisory Committee for updated roadway impact fees and authorize publication of notice of a public hearing.**
    Tom Yantis, Assistant City Manager - The Capital Improvement Advisory committee has completed its review of the roadway impact fees and has recommended that City Council begin the adoption process of the updated fees. Staff recommended that Council authorize the publication of the public hearing and conduct the public hearing on April 27, 2023.

    Motion was made by Councilmember Garcia to receive the presentation and the recommendation from the Impact Fee Advisory Committee as presented and authorize staff to publish notice of the public hearing for April 27, 2023. Motion was seconded by Councilmember Ariola. Motion carried unanimously.

Mayor Rydell read the Executive Session items and adjourned into closed session at 7:23pm.

Executive Session I. The Taylor City Council will conduct a closed executive meeting under Section 551.071 of the Texas Government Code in order to meet with its City Attorney on a matter in which the duty of the Attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas authorize and allow such a closed meeting and which Rules conflict with the Texas Open Meetings Act.

a. De-annexation request

Executive Session II. The Taylor City Council will conduct a closed executive meeting under Section 551.072 of the Texas Government Code, to conduct deliberations regarding the purchase, exchange, lease, or value of real property.

a. Acquisition of Real Property

Mayor Rydell reconvened into open session at 7:55pm. No action was taken.

ADJOURN
With no further business Mayor Rydell declared the meeting adjourned at 7:55p.m.

_____
Brandt Rydell, Mayor

ATTEST:

_____
Dianna McLean, City Clerk

MEETING MINUTES

CITY OF TAYLOR, TEXAS

SPECIAL CALLED JOINT MEETING TAYLOR CITY COUNCIL AND TAYLOR HOUSING AUTHORITY

TAYLOR PUBLIC LIBRARY 801 VANCE ST. TAYLOR, TX 76574

MARCH 27, 2023, 6:00 P.M.

Mayor Rydell declared a quorum and called the meeting to order at 6:07PM.

Present:

Mayor Brandt Rydell	Brian LaBorde, City Manager
Mayor Pro-Tem Gerald Anderson	Jeff Jenkins, Deputy City Manager
Council Member Robert Garcia	Tom Yantis, Assistant City Manager
Council Member Dwayne Ariola	Dianna McLean, City Clerk
Council Member Mitch Drummond	

THA Board members:

Ebby Green	Adam Pfluger
Don Hill	Chris Osborn

CITIZEN COMMUNICATION

None

REGULAR AGENDA; REVIEW/DISCUSS AND CONSIDER ACTION

1. **Receive presentation regarding Update of Avery Development, Update on security and safety measures at Mary Olson, Future plans and time frames on improvements to Mary Olson, and Other future plans for developments outside of Mary Olson or Avery.**

   Katy Anderson, Knight Development – gave a presentation describing:
   - What the company does
   - Information on the reconstruction and new construction projects
   - Explained the financing of the projects

   Total expected cost is $38,000,000.00. There was discussion on the placement of the buildings on the property.

2. **Receive general City update on developments.**

   Tom Yantis, Assistant City Manager – gave a presentation on the city's comprehensive plan and explained how this project should meet the plan's requirements. The City and THA will meet to discuss placement and compliance with the city's comprehensive plan.

This meeting was a workshop only. No action was taken.

ADJOURN

With no further business Mayor Rydell declared the meeting adjourned at 7:19p.m.

_____
Brandt Rydell, Mayor

ATTEST:

_____
Dianna McLean, City Clerk

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR	
☐	Streets/Infrastructure
☐	Quality of Life
☒	Economic Vitality

Agenda Item #: 4

Agenda Title: **Concur with Preliminary Financials for February 2023**

Council Action to be taken: Approve by Consent

Department Submitted: Finance Department

Staff Contact: Jeffrey Wood, Chief Financial Officer

1. PURPOSE/DESCRIPTION

Article 12, Section 12.3 of the City of Taylor's Charter states in part that the City Manager shall prepare and submit to the City Council a written monthly financial report that is in a form satisfactory with the City Council. This report is intended to satisfy the Charter requirement.

2. STAFF ANALYSIS/BACKGROUND / PRIOR COUNCIL ACTIONS

Council has approved previous monthly financial reports by consent.

The following provides a brief overview on the preliminary status and/or activity of the major funds or groups of funds as of February 28, 2023:

General Fund:

The General Fund is used to account for all financial transactions not properly includable in other funds. The principal sources of revenues include local property taxes, sales and franchise taxes, licenses and permits, fines and forfeitures, and charges for services. Expenditures include general government, public safety, public works, culture and recreation, and community development.

- Revenues in the General Fund are up by $6,418,074 or 53% over last year's fiscal year-to-date. The majority of revenue collected in February was received through property tax and sales tax. Revenues YTD are 72% of the budgeted amount.

- Property tax collections amount to $7,954,516 through February. The amount collected represents approximately 90% of budgeted property tax revenues. The timing of individual tax payments can vary year-over-year so comparisons to previous years should keep such fluctuations in mind.

- The City's portion of the sales tax collections is $6,123,168 through February, up by $4,153,082 or 211% when compared to this same time last year. Included in this total is the property tax reduction portion and is being reserved to offset the reduced property tax revenues in FY2024. The payment received in February represents sales that occurred in December. February revenues ended up significantly higher than the previous year and more than budgeted.

- Expenditures in the General Fund are higher by $3,104,727 or 45% compared to last year's expenses fiscal year-to-date. Expenditures of 40% of budget are at a normal amount.

- It should be noted when reviewing the level of revenues over expenditures that the vast majority of budgeted revenues are received in the first half of the year, while expenditures are dispersed more evenly throughout the year. It is common to show a significant budget surplus at mid-year that will regularly decrease over the last six months.

Special Revenue Funds;

The City accounts for resources restricted to, or designated for, specific purposes in special revenue funds.

- The TIF Fund receives the annual transfer from the City and the County for the captured taxes collected in the district around April of each year. The only revenue reported for February was interest earned. The expenditures budgeted for this fiscal year are related to the debt service payments, fire suppression grants and façade grants.

- Hotel Occupancy Tax collections from the lodging providers are recorded monthly, but the 380 Agreement payment is distributed quarterly. The timing of the 380 Agreement payment can skew the monthly report and result in the fund being reflected in a more positive position than is actually the case.

  Hotel Occupancy Tax collections are reported at $131,693 fiscal year-to-date, of which $23,611 was collected in February. February's collection was $3,229 more than February 2022, and fiscal year-to-date HOT collections are $28,651 (28%) more than FY 2021-22.

  Expenditures consist of a pass through to the Chamber, but will also include expenditures for our marketing agreement, 380 Agreement, and a transfer to the Main Street Fund to be used for advertising.

- Main Street revenues reported during the year are from sales and other fund-raising activities. Expenditures are for rental assistance, advertising, city sponsored events and façade grants.

- Municipal Court Special Revenues total $4,745 which is 38% of budget. Expenditures from this fund are for security work and technology at the Municipal Court.

- Library Donation Fund reflects revenues generated from interest income and donations.

- Transportation User Fee (TUF) Fund – User fees collected in February are reported at $71,371. Expenditures are associated with wage and benefit costs, engineering costs, equipment costs and the cost of materials for street maintenance.

- Municipal Drainage Utility System (MDUS) Fund – Drainage fees collected in February are reported at $44,182. Expenditures are related to wage and benefit costs, engineering costs, and equipment costs.

Enterprise Funds:

The City maintains several Enterprise funds, which are used to account for operations that are more reflective of business-type activities. All activities associated with providing such services are accounted for in these funds. Enterprise funds are primarily funded by user charges and fees.

Sanitation Fund

- Revenues from franchise fees and user charges for services are reported at $928,410. The City contracts its solid waste collection service and expenditures represent the payment to the City's solid waste provider. Year-to-date cost for solid waste collection services is $868,146.

Utility Fund

- Revenues through February totaled $5,196,726, which includes $5,101,082 in charges for service. User charges are up $1,317,426 compared to the same period last year. Expenditures fiscal year-to-date total $5,152,120 compared to $3,438,273 a year ago. Year-to-year comparisons in the Utility Fund reflect differences in billing and usage, and such differences can be caused by several factors that can vary throughout the year. This should be kept in mind when comparing individual time periods.

- The Utility Fund is operating at an acceptable level when compared to budgeted amounts for this period of the fiscal year.

Airport Fund

- Revenues consist of airport hangar rental, sale of fuel and interest income. Hangar rental is reported at $119,560 and revenues from fuel sales are $99,941.

- The Airport Fund is operating within budget with revenues exceeding expenditures by $1,418.

Cemetery Fund

- Revenues are reported at $101,010 and are 32% of budgeted amounts. Revenues are dependent on the number of lots sold and graves dug, and both of these sources can be variable.

- Expenditures of $131,070 represent 46% of budgeted amounts.

- Expenditures exceed revenues by $30,060, but this amount excludes any interfund administrative fee transfer.

Other Funds:

- Roadway Impact Fund – There was $0 in revenues collected in February. There are no budgeted expenditures in this fund for FY 2023.

- Utility Impact Fund – There was $0 in revenues collected in February. Expenditures are budgeted for improvements to the sewer lift station located near the airport.

Internal Service Funds:

Internal Service Funds are an accounting device used to accumulate and allocate costs internally amoung the City's various functions. The City uses internal service funds to account for the maintenance and purchase of equipment.

- The Fleet Operating Fund charges rental fees and replacement fees to the various City departments and these fees are used to off-set the expenditures for repairs and maintenance to the City's vehicles. This same concept is applied to the Fleet Replacement Fund for the purpose of purchasing vehicles.

- Expenditures in the Fleet Operating Fund are operating as anticipated.

- The Fleet Replacement Fund reflects expenditures that includes capital lease payments for purchases are made either monthly, quarterly or annually throughout the year. Expenditures also reflect cash purchases for equipment and vehicles made on behalf of the other funds.

Monthly Investment Report

- Included this month is the Monthly Investment Report from our investment consultant and covers the period of February 1 – February 28. This report reflects the coordinated efforts of City staff and Meeder (Patterson & Associates) to manage the City funds that are not immediately needed for operational purposes. The report shows the average yield obtained on the City's funds was 4.26% during the reporting period. The portfolio remains heavily invested in our liquid, pooled accounts that are advantageous with the current inverted yield curve. We continue to monitor the interest rate environment and will make adjustments to the portfolio's weighted average maturity as needed.

3. PROS and CONS

PROS	CONS
• Monthly financial reports provide Council with a snapshot of each fund along with a summary of the financial activity that occurred during the month. • Updated financial information can assist Council with their decision-making process.	

4. RECOMMENDATION

Concur with the preliminary monthly financial report by consent.

5. FUNDING SOURCE

N/A

6. TIMELINE

Immediate consideration

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

4a. Monthly Financial Report for February 2023:

- **Attachment A:** Preliminary summaries of the total amounts of revenues and expenditures year-to-date.
- **Attachment B:** Preliminary financial summaries for the governmental and proprietary funds. This shows annual budgeted amounts and the year-to-date figures for each fund by the major revenues and expenditures categories.
- **Attachment C:** Checks issued during the month.
- **Attachment D:** Balance sheets for each of the governmental and proprietary funds.
- **Attachment E:** Sales Tax Tracking Report.
- **Attachment F:** Monthly Investment Report Issued by Meeder (Patterson & Assoc.)

Monthly Finance Report as of :

February 2023

City of Taylor
400 Porter Street
Taylor, TX 76574

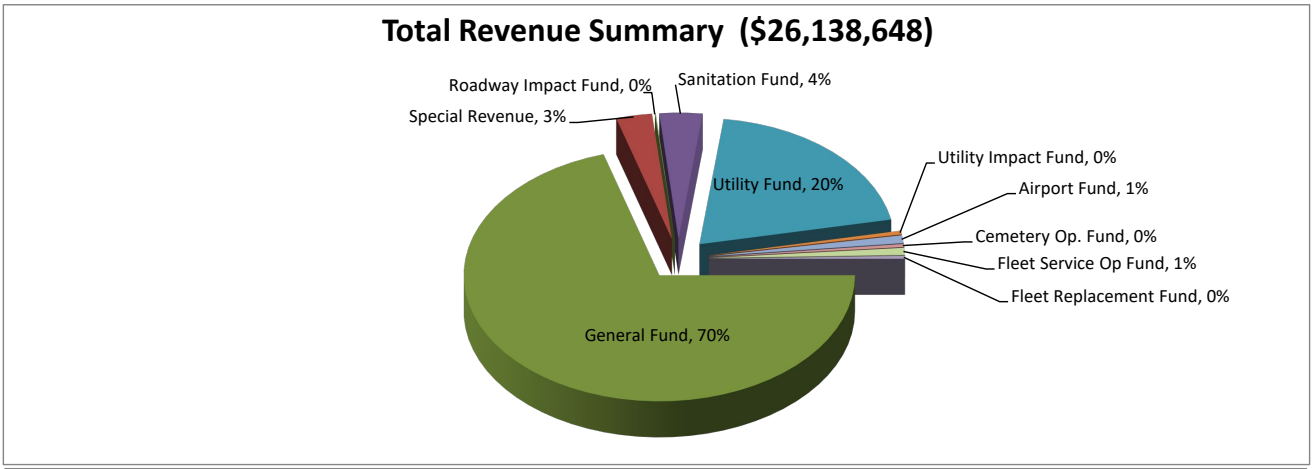
Attachment A

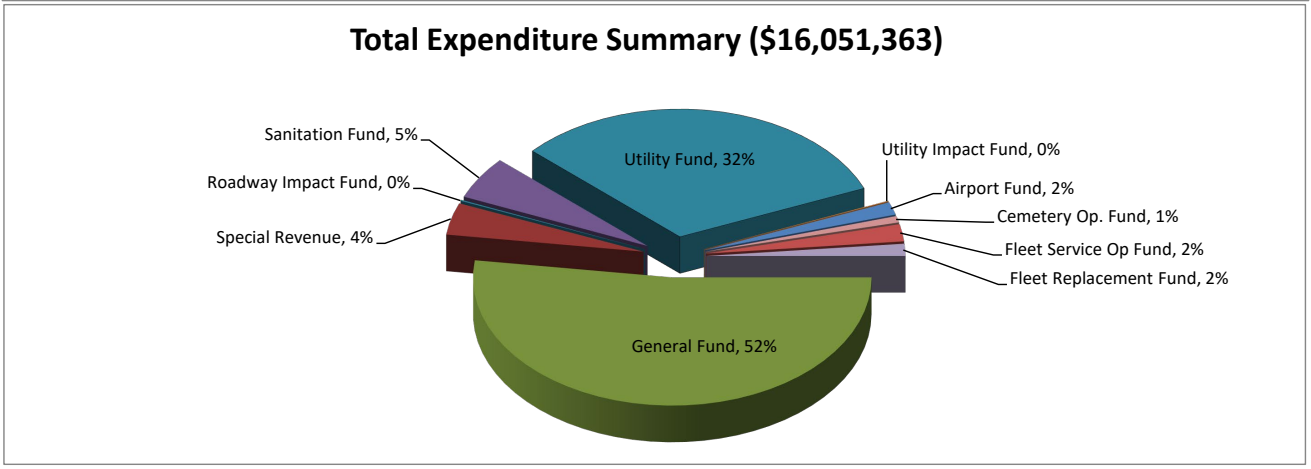
Financial Summary

Summary Revenue/Expenditures

Preliminary Year-to-Date as of February 28, 2023

	Revenue			Expenditures			
	Annual Budget	Actual Y-T-D	% of Budget	Annual Budget	Actual Y-T-D	% of Budget	Surplus/Deficit
General Fund	$ 25,314,882	$ 18,399,885	73%	$ 25,359,497	$ 8,368,690	33%	$ 10,031,195
Special Revenue Funds							
- Tax Increment Fund (TIF) #2	$ 219,000	$ -	0%	$ 217,000	$ -	0%	$ -
- Tax Increment Fund (TIF) #1	625,500	$ 3,816	1%	439,382	$ 187,228	43%	(183,411)
- Hotel/Motel Tax	245,000	$ 131,693	54%	243,250	$ 96,538	40%	35,155
- Main St. Revenue	156,825	$ 57,324	37%	156,825	$ 48,991	31%	8,333
- Municipal Court Sec/Tech	12,550	$ 4,745	38%	11,942	$ 2,427	20%	2,319
- Library Grants/Donations	600	$ 4,625	771%	-	$ -	0%	4,625
- Transportation Fund (TUF)	850,500	$ 355,471	42%	847,351	$ 167,595	20%	187,876
- MDUS	523,500	$ 219,468	42%	517,575	$ 145,308	28%	74,160
Special Rev Funds Total	**$ 2,633,475**	**$ 777,143**	**30%**	**$ 2,433,325**	**$ 648,086**	**27%**	**$ 129,057**
Enterprise Funds							
- Sanitation Fund	$ 2,055,000	$ 928,410	45%	$ 2,045,200	$ 868,146	42%	$ 60,264
- Utility Fund	13,316,153	$ 5,196,726	39%	13,278,580	$ 5,152,120	39%	44,606
- Airport Fund	605,200	$ 259,427	43%	604,462	$ 258,009	43%	1,418
- Cemetery Op. Fund	309,965	$ 101,011	33%	468,715	$ 131,071	28%	(30,060)
Roadway Impact Fund	$ 80,000	$ 16,488	21%	$ -	$ 20,534	0%	$ (4,046)
Utility Impact Fund	$ 475,000	$ 123,915	26%	$ 245,000	$ 11,989	5%	$ 111,927
Fleet Service Operating Fund	$ 920,586	$ 236,580	26%	$ 826,901	$ 346,881	42%	$ (110,301)
Fleet Replacement Fund	$ 1,422,764	$ 99,063	7%	$ 1,425,404	$ 245,837	17%	$ (146,775)
Total	**$ 47,133,025**	**$ 26,138,648**	**55%**	**$ 46,687,084**	**$ 16,051,363**	**34%**	**$ 10,087,284**





Attachment B

Financial Statements by Fund

General Fund
Tax Increment Financing Funds
Hotel Occupancy Tax Fund
Main Street Fund
Municipal Court Special Fee Fund
Library Grant/Donations Fund
Roadway Impact Fee Fund
Transportation User Fee Fund
Municipal Drainage Utility System Fund
Sanitation Fund
Public Utilities Fund
Utility Impact Fund
Airport Fund
Cemetery Operating Fund
Fleet Services Operating Fund
Fleet Replacement Fund

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

100-GENERAL FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
310-TAXES	21,144,000.00	3,502,775.80	15,296,405.06	72.30	(8,340.00)	5,855,934.94
320-PERMITS AND LICENSES	932,800.00	29,422.00	825,663.37	88.51	0.00	107,136.63
330-INTERGOVERNMENTAL REV	367,500.00	64,253.22	466,943.76	127.06	0.00	(99,443.76)
340-CHARGES FOR SERVICES	527,300.00	49,727.65	259,377.26	49.19	0.00	267,922.74
410-FINES AND FORFEITURES	184,500.00	12,795.91	54,551.34	29.57	0.00	129,948.66
420-ASSESSMENTS	15,000.00	(2,316.42)	(151.14)	1.01-	0.00	15,151.14
430-USE OF MONEY AND PROP	128,000.00	84,668.77	307,147.96	239.96	0.00	(179,147.96)
440-DONATIONS FROM PRIVAT	13,500.00	1,327.35	25,075.52	185.74	0.00	(11,575.52)
450-INTERFUND OPERATING T	2,002,282.00	513,079.03	1,159,445.98	57.91	0.00	842,836.02
460-PROCEEDS GEN FIXED AS	0.00	0.00	5,426.00	0.00	0.00	(5,426.00)
470-PROCEEDS GEN LONG TER	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	25,314,882.00	4,255,733.31	18,399,885.11	72.65	(8,340.00)	6,923,336.89
EXPENDITURE SUMMARY						
500-CITY COUNCIL	315,995.00	25,021.42	105,311.44	75.66	133,770.89	76,912.67
501-CITY MANAGEMENT	628,308.00	50,995.28	234,379.49	37.85	3,450.00	390,478.51
503-PUBLIC INFORMATION	209,170.00	24,361.32	120,342.12	83.18	53,643.00	35,184.88
504-HUMAN RESOURCES	301,350.00	18,938.72	113,919.87	37.80	0.00	187,430.13
505-CITY CLERK	196,351.00	13,295.70	75,693.98	38.55	0.00	120,657.02
512-FINANCIAL SERVICES	866,870.00	69,817.69	368,390.28	52.26	84,649.50	413,830.22
516-MUNICIPAL COURT	412,885.00	25,982.46	137,367.37	43.38	41,756.63	233,761.00
522-DEVELOPMENT SERVICES	2,114,859.00	96,504.16	663,703.34	63.86	686,780.64	764,375.02
524-MAIN STREET PROGRAM	112,128.00	8,399.37	41,787.96	37.27	0.00	70,340.04
527-MOODY MUSEUM	10,050.00	682.16	2,661.15	26.48	0.00	7,388.85
532-PUBLIC LIBRARY	610,002.00	59,256.78	234,006.65	39.20	5,119.97	370,875.38
542-FIRE SUPPRESSION/EMER	3,906,516.00	246,438.40	1,347,842.09	35.49	38,655.29	2,520,018.62
552-POLICE FIELD SERVICES	4,974,803.00	374,404.94	1,923,092.78	41.52	142,494.45	2,909,215.77
558-ANIMAL CONTROL SECTIO	298,300.00	22,019.73	105,161.90	44.41	27,304.86	165,833.24
563-STREET & GROUND MAIN	3,364,767.00	141,582.87	818,555.74	30.58	210,406.55	2,335,804.71
565-PARKS & RECREATION	1,816,341.00	81,098.47	349,909.96	20.18	16,713.00	1,449,718.04
566-INTERNAL SVCS/BLDG	1,097,160.00	36,318.12	212,535.18	26.35	76,532.55	808,092.27
573-ENGINEERING & INSPECT	350,000.00	183,075.04	357,669.68	105.28	10,802.05	(18,471.73)
575-INTERNAL SVC/IT DEPT	245,747.00	19,069.31	109,618.92	92.10	116,709.70	19,418.38
592-NON-DEPARTMENTAL	3,527,895.00	2,308,183.24	2,709,245.15	146.93	2,474,205.13	(1,655,555.28)
*** TOTAL EXPENDITURES ***	25,359,497.00	3,805,445.18	10,031,195.05	55.81	4,122,994.21	11,205,307.74
*** TOTAL PROFIT / (LOSS) ***	(44,615.00)	450,288.13	8,368,690.06	497.60-	(4,131,334.21)	(4,281,970.85)

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

118-TIF #2
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
310-TAXES	219,000.00	0.00	0.00	0.00	0.00	219,000.00
*** TOTAL REVENUES ***	219,000.00	0.00	0.00	0.00	0.00	219,000.00
EXPENDITURE SUMMARY						
520-TIF EXPENSES	217,000.00	0.00	0.00	0.00	0.00	217,000.00
*** TOTAL EXPENDITURES ***	217,000.00	0.00	0.00	0.00	0.00	217,000.00
*** TOTAL PROFIT / (LOSS) ***	2,000.00	0.00	0.00	0.00	0.00	2,000.00

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

119-TIF (TAX INCREMENT FUND)
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
310-TAXES	425,000.00	0.00	0.00	0.00	0.00	425,000.00
330-INTERGOVERNMENTAL REV	200,000.00	0.00	0.00	0.00	0.00	200,000.00
430-USE OF MONEY AND PROP	500.00	833.71	3,816.42	763.28	0.00	(3,316.42)
*** TOTAL REVENUES ***	625,500.00	833.71	3,816.42	0.61	0.00	621,683.58
EXPENDITURE SUMMARY						
520-TIF EXPENSES	439,382.00	94,302.50	187,227.50	43.89	5,622.50	246,532.00
*** TOTAL EXPENDITURES ***	439,382.00	94,302.50	187,227.50	43.89	5,622.50	246,532.00
*** TOTAL PROFIT / (LOSS) ***	186,118.00	(93,468.79)	(183,411.08)	101.57-	(5,622.50)	375,151.58

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

120-HOTEL/MOTEL FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
310-TAXES	245,000.00	23,661.48	131,693.18	53.75	0.00	113,306.82
420-ASSESSMENTS	0.00	0.00	0.00	0.00	0.00	0.00
430-USE OF MONEY AND PROP	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	245,000.00	23,661.48	131,693.18	53.75	0.00	113,306.82
EXPENDITURE SUMMARY						
612-HOTEL/MOTEL TAX	243,250.00	14,516.89	96,538.12	48.59	21,658.64	125,053.24
*** TOTAL EXPENDITURES ***	243,250.00	14,516.89	96,538.12	48.59	21,658.64	125,053.24
*** TOTAL PROFIT / (LOSS) ***	1,750.00	9,144.59	35,155.06	771.22	(21,658.64)	(11,746.42)

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

123-MAIN STREET REVENUE FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
330-INTERGOVERNMENTAL REV	60,625.00	0.00	0.00	0.00	0.00	60,625.00
430-USE OF MONEY AND PROP	0.00	0.00	0.00	0.00	0.00	0.00
440-DONATIONS FROM PRIVAT	46,600.00	1,225.00	32,524.00	69.79	0.00	14,076.00
450-INTERFUND OPERATING T	49,600.00	12,400.00	24,800.00	50.00	0.00	24,800.00
*** TOTAL REVENUES ***	156,825.00	13,625.00	57,324.00	36.55	0.00	99,501.00
EXPENDITURE SUMMARY						
615-CONTRIBUTE TO CIVIC P	156,825.00	5,554.29	48,991.36	42.46	17,600.00	90,233.64
*** TOTAL EXPENDITURES ***	156,825.00	5,554.29	48,991.36	42.46	17,600.00	90,233.64
*** TOTAL PROFIT / (LOSS) ***	0.00	8,070.71	8,332.64	0.00	(17,600.00)	9,267.36

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

125-MUNICIPAL CRT SPECIAL FEE
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
410-FINES AND FORFEITURES	12,550.00	986.84	4,745.16	37.81	0.00	7,804.84
450-INTERFUND OPERATING T	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	12,550.00	986.84	4,745.16	37.81	0.00	7,804.84
EXPENDITURE SUMMARY						
625-MUNICIPAL COURT BLDG	9,642.00	0.00	0.00	0.00	0.00	9,642.00
626-MUNICIPAL CRT TECHNO	2,300.00	0.00	2,426.60	105.50	0.00	(126.60)
627-MUN COURT JUDICIAL	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL EXPENDITURES ***	11,942.00	0.00	2,426.60	20.32	0.00	9,515.40
*** TOTAL PROFIT / (LOSS) ***	608.00	986.84	2,318.56	381.34	0.00	(1,710.56)

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

129-LIBRARY GRANT/DONATION
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
330-INTERGOVERNMENTAL REV	0.00	0.00	0.00	0.00	0.00	0.00
430-USE OF MONEY AND PROP	400.00	993.52	4,520.50	130.13	0.00	(4,120.50)
440-DONATIONS FROM PRIVAT	200.00	35.00	104.95	52.48	0.00	95.05
*** TOTAL REVENUES ***	600.00	1,028.52	4,625.45	770.91	0.00	(4,025.45)
EXPENDITURE SUMMARY						
624-LIBRARY	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL EXPENDITURES ***	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL PROFIT / (LOSS) ***	600.00	1,028.52	4,625.45	770.91	0.00	(4,025.45)

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

200-ROADWAY IMPACT FEE FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
420-ASSESSMENTS	80,000.00	0.00	16,488.00	20.61	0.00	63,512.00
*** TOTAL REVENUES ***	80,000.00	0.00	16,488.00	20.61	0.00	63,512.00
EXPENDITURE SUMMARY						
631-ROADWAY IMPACT FEE	0.00	0.00	20,534.32	0.00	0.00	(20,534.32)
*** TOTAL EXPENDITURES ***	0.00	0.00	20,534.32	0.00	0.00	(20,534.32)
*** TOTAL PROFIT / (LOSS) ***	80,000.00	0.00	(4,046.32)	5.06-	0.00	84,046.32

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

210-TRANSPORTATION FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
340-CHARGES FOR SERVICES	850,000.00	71,370.83	355,470.83	41.82	0.00	494,529.17
430-USE OF MONEY AND PROP	500.00	0.00	0.00	0.00	0.00	500.00
450-INTERFUND OPERATING T	0.00	0.00	0.00	0.00	0.00	0.00
470-PROCEEDS GEN LONG TER	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	850,500.00	71,370.83	355,470.83	41.80	0.00	495,029.17
EXPENDITURE SUMMARY						
632-TRANSPORTATION	847,351.00	29,729.20	167,594.58	57.73	321,595.51	358,160.91
*** TOTAL EXPENDITURES ***	847,351.00	29,729.20	167,594.58	57.73	321,595.51	358,160.91
*** TOTAL PROFIT / (LOSS) ***	3,149.00	41,641.63	187,876.25	246.40-	(321,595.51)	136,868.26

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

300-MUNICIPAL DRAINAGE UTILIT
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
330-INTERGOVERNMENTAL REV	0.00	0.00	0.00	0.00	0.00	0.00
340-CHARGES FOR SERVICES	523,500.00	44,182.07	219,468.40	41.92	0.00	304,031.60
430-USE OF MONEY AND PROP	0.00	0.00	0.00	0.00	0.00	0.00
460-PROCEEDS GEN FIXED AS	0.00	0.00	0.00	0.00	0.00	0.00
470-PROCEEDS GEN LONG TER	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	523,500.00	44,182.07	219,468.40	41.92	0.00	304,031.60
EXPENDITURE SUMMARY						
750-MUNICIPAL DRAINAGE	517,575.00	44,054.87	145,308.27	33.29	26,976.00	345,290.73
*** TOTAL EXPENDITURES ***	517,575.00	44,054.87	145,308.27	33.29	26,976.00	345,290.73
*** TOTAL PROFIT / (LOSS) ***	5,925.00	127.20	74,160.13	796.36	(26,976.00)	(41,259.13)

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

320-SANITATION FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
310-TAXES	180,000.00	15,785.23	134,663.84	74.81	0.00	45,336.16
340-CHARGES FOR SERVICES	1,875,000.00	160,639.34	793,746.01	42.33	0.00	1,081,253.99
*** TOTAL REVENUES ***	2,055,000.00	176,424.57	928,409.85	45.18	0.00	1,126,590.15
EXPENDITURE SUMMARY						
721-SANITATION/GARBAGE	2,045,200.00	198,367.60	868,146.04	42.45	0.00	1,177,053.96
*** TOTAL EXPENDITURES ***	2,045,200.00	198,367.60	868,146.04	42.45	0.00	1,177,053.96
*** TOTAL PROFIT / (LOSS) ***	9,800.00	(21,943.03)	60,263.81	614.94	0.00	(50,463.81)

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

340-PUBLIC UTILITIES FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
320-PERMITS AND LICENSES	500.00	0.00	100.00	20.00	0.00	400.00
330-INTERGOVERNMENTAL REV	0.00	0.00	0.00	0.00	0.00	0.00
340-CHARGES FOR SERVICES	12,905,500.00	995,788.29	5,101,082.64	39.53	0.00	7,804,417.36
420-ASSESSMENTS	107,000.00	0.00	8,983.18	8.40	0.00	98,016.82
430-USE OF MONEY AND PROP	98,500.00	38,662.49	84,777.34	86.07	0.00	13,722.66
440-DONATIONS FROM PRIVAT	0.00	0.00	0.00	0.00	0.00	0.00
450-INTERFUND OPERATING T	202,653.00	0.00	0.00	0.00	0.00	202,653.00
460-PROCEEDS GEN FIXED AS	2,000.00	306.27	1,782.67	89.13	0.00	217.33
470-PROCEEDS GEN LONG TER	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	13,316,153.00	1,034,757.05	5,196,725.83	39.03	0.00	8,119,427.17
EXPENDITURE SUMMARY						
701-UTILITIES ADMINISTRAT	523,888.00	39,319.63	224,971.05	51.17	43,111.36	255,805.59
706-WASTEWATER TREATMENT	1,095,317.00	87,257.58	353,030.65	39.63	81,079.90	661,206.45
708-UTILITY DISTRIBUTION/	2,440,309.00	108,285.15	761,972.94	36.66	132,726.32	1,545,609.74
709-UTILITIES NON-DEPARTM	9,219,066.00	1,546,248.66	3,812,145.52	42.73	126,879.50	5,280,040.98
*** TOTAL EXPENDITURES ***	13,278,580.00	1,781,111.02	5,152,120.16	41.69	383,797.08	7,742,662.76
*** TOTAL PROFIT / (LOSS) ***	37,573.00	(746,353.97)	44,605.67	902.75-	(383,797.08)	376,764.41

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

345-UTILITY IMPACT FEE FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
340-CHARGES FOR SERVICES	475,000.00	0.00	121,770.00	25.64	0.00	353,230.00
420-ASSESSMENTS	0.00	0.00	0.00	0.00	0.00	0.00
430-USE OF MONEY AND PROP	0.00	0.00	2,145.00	0.00	0.00	(2,145.00)
*** TOTAL REVENUES ***	475,000.00	0.00	123,915.00	26.09	0.00	351,085.00
EXPENDITURE SUMMARY						
592-NON-DEPARTMENTAL	245,000.00	2,405.38	11,988.50	49.33	108,860.50	124,151.00
*** TOTAL EXPENDITURES ***	245,000.00	2,405.38	11,988.50	49.33	108,860.50	124,151.00
*** TOTAL PROFIT / (LOSS) ***	230,000.00	(2,405.38)	111,926.50	1.33	(108,860.50)	226,934.00

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

350-AIRPORT FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
320-PERMITS AND LICENSES	0.00	0.00	0.00	0.00	0.00	0.00
330-INTERGOVERNMENTAL REV	10,000.00	24,260.93	24,260.93	242.61	0.00	(14,260.93)
340-CHARGES FOR SERVICES	594,000.00	42,449.39	220,053.37	37.05	0.00	373,946.63
420-ASSESSMENTS	0.00	0.00	0.00	0.00	0.00	0.00
430-USE OF MONEY AND PROP	1,200.00	3,301.41	15,112.83	259.40	0.00	(13,912.83)
440-DONATIONS FROM PRIVAT	0.00	0.00	0.00	0.00	0.00	0.00
450-INTERFUND OPERATING T	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	605,200.00	70,011.73	259,427.13	42.87	0.00	345,772.87
EXPENDITURE SUMMARY						
732-AIRPORT OPERATIONS DE	604,462.00	69,969.26	258,009.11	66.06	141,286.63	205,166.26
*** TOTAL EXPENDITURES ***	604,462.00	69,969.26	258,009.11	66.06	141,286.63	205,166.26
*** TOTAL PROFIT / (LOSS) ***	738.00	42.47	1,418.02	952.39-	(141,286.63)	140,606.61

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

370-CEMETERY OPERATING FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
330-INTERGOVERNMENTAL REV	0.00	0.00	0.00	0.00	0.00	0.00
340-CHARGES FOR SERVICES	181,500.00	7,348.00	55,805.00	30.75	0.00	125,695.00
420-ASSESSMENTS	0.00	0.00	0.00	0.00	0.00	0.00
430-USE OF MONEY AND PROP	1,500.00	224.00	1,645.00	109.67	0.00	(145.00)
440-DONATIONS FROM PRIVAT	0.00	0.00	0.00	0.00	0.00	0.00
450-INTERFUND OPERATING T	41,965.00	9.13	19.03	0.05	0.00	41,945.97
460-PROCEEDS GEN FIXED AS	85,000.00	12,327.70	43,541.50	51.23	0.00	41,458.50
*** TOTAL REVENUES ***	309,965.00	19,908.83	101,010.53	32.59	0.00	208,954.47
EXPENDITURE SUMMARY						
761-CEMETERY OPERATING DE	468,715.00	21,131.68	131,070.50	45.96	84,337.00	253,307.50
*** TOTAL EXPENDITURES ***	468,715.00	21,131.68	131,070.50	45.96	84,337.00	253,307.50
*** TOTAL PROFIT / (LOSS) ***	(158,750.00)	(1,222.85)	(30,059.97)	72.06	(84,337.00)	(44,353.03)

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

382-FLEET SERVICES OPERATING
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
340-CHARGES FOR SERVICES	910,784.00	0.00	227,714.50	25.00	0.00	683,069.50
420-ASSESSMENTS	9,802.00	473.74	8,776.23	89.54	0.00	1,025.77
430-USE OF MONEY AND PROP	0.00	0.00	89.25	0.00	0.00	(89.25)
450-INTERFUND OPERATING T	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	920,586.00	473.74	236,579.98	25.70	0.00	684,006.02
EXPENDITURE SUMMARY						
517-FlEET SERVICES	826,901.00	56,240.16	346,880.82	43.77	15,083.11	464,937.07
*** TOTAL EXPENDITURES ***	826,901.00	56,240.16	346,880.82	43.77	15,083.11	464,937.07
*** TOTAL PROFIT / (LOSS) ***	93,685.00	(55,766.42)	(110,300.84)	133.84-	(15,083.11)	219,068.95

FINANCIAL STATEMENT
AS OF: FEBRUARY 28TH, 2023

384-FLEET REPLACEMENT FUND
FINANCIAL SUMMARY

ACCT # ACCOUNT NAME	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
REVENUE SUMMARY						
330-INTERGOVERNMENTAL REV	0.00	0.00	0.00	0.00	0.00	0.00
340-CHARGES FOR SERVICES	1,442,764.00	0.00	91,978.75	6.38	0.00	1,350,785.25
420-ASSESSMENTS	0.00	0.00	0.00	0.00	0.00	0.00
430-USE OF MONEY AND PROP	0.00	765.59	3,483.58	0.00	0.00	(3,483.58)
450-INTERFUND OPERATING T	0.00	0.00	0.00	0.00	0.00	0.00
460-PROCEEDS GEN FIXED AS	0.00	0.00	3,600.50	0.00	0.00	(3,600.50)
470-PROCEEDS GEN LONG TER	0.00	0.00	0.00	0.00	0.00	0.00
*** TOTAL REVENUES ***	1,442,764.00	765.59	99,062.83	6.87	0.00	1,343,701.17
EXPENDITURE SUMMARY						
518-EQUIPMENT REPLACEMENT	1,425,404.00	0.00	245,837.45	96.19	1,125,313.41	54,253.14
*** TOTAL EXPENDITURES ***	1,425,404.00	0.00	245,837.45	96.19	1,125,313.41	54,253.14
*** TOTAL PROFIT / (LOSS) ***	17,360.00	765.59	(146,774.62)	327.70-	(1,125,313.41)	1,289,448.03

Attachment C

Council Report

Checks Posted in February 2023

DEPARTMENT	FUND	VENDOR NAME		DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	GENERAL FUND	AFLAC		AFLAC FEB.2023 INVOICE	1,626.24
		AETNA LIFE INSURANCE COMPANY		AETNA DENTAL OCT. INVOICE	2,503.60
		MISCELLANEOUS	NASTASIA WILLIAMS	NASTASIA WILLIAMS:DEPOSIT	300.00
			ANNA ZUNIGA	ANNA ZUNIGA:DEPOSIT REFUND	200.00
			DIANE ARMENDARIZ	DIANE ARMENDARIZ:DEPOSIT R	100.00
			DIANE ARMENDARIZ	DIANE ARMENDARIZ:DEPOSIT R	200.00
			BRYANNA GUERRERO	BRYANNA GUERRERO:DEPOSIT R	200.00
			JOANI JOHNSON	JOANI JOHNSON:DEPOSIT REFU	200.00
			JOANI JOHNSON	JOANI JOHNSON:DEPOSIT REFU	100.00
			DEBORAH URBANEK	DEBORAH URBANEK:DEPOSIT RE	100.00
			DEBORAH URBANEK	DEBORAH URBANEK:DEPOSIT RE	200.00
			LAUREN OLIVER	LAUREN OLIVER:DEPOSIT REFU	300.00
			ALICIA AGUILAR	ALICIA AGUILAR:DEPOSIT REF	200.00
			TERESA ARECHIGA	TERESA ARECHIGA:DEPOSIT RE	200.00
			TAYLOR HIGH SCHOOL	TAYLOR HIGH SCHOOL:DEPOSIT	250.00
			TIRSO OLGUIN	TIRSO OLGUIN:DEPOSIT REFUN	200.00
		McCREARY, VESELKA, BRAGG & ALLEN PC		CC FEES-JANUARY 2023	895.73
		NATIONWIDE RETIREMENT SOLUTIONS		457B DEF COMP PLAN	2,886.00
				457B DEF COMP PLAN ROTH	135.00
				457B DEF COMP PLAN	2,916.00
				457B DEF COMP PLAN ROTH	135.00
		PRE-PAID LEGAL SERVICES, INC. DBA LEGA		PRE-PAID LEGAL FEB.2023	114.65
		SCOTT & WHITE HEALTHCARE		S&W INVOICE 2023	19,328.78
				WHAT RETIREES PAY	1,513.74
		TEXAS MUNICIPAL RETIREMENT SYSTEMS		JANUARY 2023 CONTRIBUTIONS	49,462.20
				JANUARY 2023 CONTRIBUTIONS	4,057.06
		UNITED WAY FOR GREATER AUSTIN		UNITED WAY CONTRIBUTIONS	5.00
				UNITED WAY CONTRIBUTIONS	5.00
		UNUM LIFE INS CO OF AMERI		UNUM LIFE INS. PAYABLE	1,061.70
		WEX HEALTH, INC. DBA: WEX		38705 FSA	854.39
				38705 FSA	854.39
		TAYLOR PROFESSIONAL FIREFIGHTER ASSOCI		ACCT #2091015 TAYLOR FF AS	558.00
				ACCT #20991015 TAYLOR FF A	558.00
		INTERNATIONAL CITY MANAGEMENT ASSOC RE		PLAN ID 307325-CONTRIBUTOR	2,057.69
				PLAN ID 307325-ROTH	545.00
				PLAN ID 307325-CONTRIBUTOR	2,057.69
				PLAN ID 307325-ROTH	545.00
				TOTAL:	97,425.86
CITY COUNCIL	GENERAL FUND	LLOYD GOSSELINK ROCHELLE & TOWNSEND, P		CENTRIC FRANCHISE AGREEMEN	33.00
				ONCOR FRANCHISE AGMT	918.00
				ATMOS FRANCHISE AGMT	691.00
		GRANITE MEDIA PARTNERS, INC. DBA: TAYL		ORDINANCE NO. 2023-02&2023	356.50
				ORDINANCE NO. 2023-02&2023	346.50
				ORDINANCE NO. 2023-05	76.00
				ORDINANCE NO. 2023-05	66.00
				ORDINANCE NO. 2023-06	109.00
				ORDINANCE NO. 2023-06	99.00
		TAYLOR INDEPENDENT SCHOOL DISTRICT		SPECIAL COUNCIL MEET 2/10/	190.00
		VERIZON WIRELESS		CELL PHONE	175.90
		HEJL & SCHROEDER, P.C.		LEGAL SERVICES	8,452.82
				LEGAL SERVICES	11,497.50
		ROSS MOLINA OLIVEROS, P.C.		DRAINAGE PROJECT	120.00
				TOTAL:	23,131.22
CITY MANAGEMENT	GENERAL FUND	AETNA LIFE INSURANCE COMPANY		AETNA DENTAL OCT. INVOICE	69.93

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		LINCOLN	LTD 2023 INV.	78.00
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,892.97
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	4,552.89
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	85.77
		VERIZON WIRELESS	CELL PHONE	144.75
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 MAINT	46.06
			XER/XWC7845 COLOR COPIES O	94.71
			TOTAL:	6,965.08
PUBLIC INFORMATION	GENERAL FUND	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	23.31
		LINCOLN	LTD 2023 INV.	15.62
		MICHAEL C. PESCHEL	FRED KERLEY DEDICATION 2.4	300.00
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	630.99
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	608.16
		TIME WARNER CABLE DBA SPECTRUM	FIBER PEG CHANNEL	693.92
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	14.45
		VERIZON WIRELESS	CELL PHONE	70.36
		SWAGIT PRODUCTIONS, LLC	VIDEO STREAMING OCT 2022	695.00
			VIDEO STREAMING NOV 2022	695.00
			VIDEO STREAMING DEC 2022	695.00
			VIDEO STREAMING JAN 2023	695.00
		OSBORNE, STACEY FORD	PIO SERVICES FY2022/2023	6,072.00
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 COLOR COPIES O	60.07
		DAVID MARGULIES & ASSOCIATES	PUBLIC RELATIONS SERVICES	3,500.00
			TOTAL:	14,768.88
HUMAN RESOURCES	GENERAL FUND	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	46.62
		GROS, LASHON	PROFESSIONAL DEVELOPMENT	206.19
			PROFESSIONAL DEVELOPMENT	68.00
		LINCOLN	LTD 2023 INV.	42.31
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	630.99
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	1,661.34
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	38.86
		VERIZON WIRELESS	CELL PHONE	48.25
		WORKERS ASSISTANCE PROGRAM, INC.	JANUARY 2023 EAP SERVICES	292.05
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 MAINT	46.07
			XER/XWC7845 COLOR COPIES O	69.83
		BAYLOR SCOTT & WHITE HEALTH	PRE-EMP PHYSICAL /T.SIRKIS	100.00
		ROSS GANNAWAY, PLLC	FEBRUARY 2023 LEGAL SERVIC	522.50
			TOTAL:	3,773.01
CITY CLERK	GENERAL FUND	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	46.62
		LINCOLN	LTD 2023 INV.	32.67
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,261.98
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	1,234.02
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	30.33
		VERIZON WIRELESS	CELL PHONE	35.18
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 MAINT	46.06
			XER/XWC7845 COLOR COPIES O	167.16
			TOTAL:	2,854.02
FINANCIAL SERVICES	GENERAL FUND	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	163.17
		LINCOLN	LTD 2023 INV.	109.79
		MEEDER PUBLIC FUNDS, INC. DBA:	INVESTMENT SERVICES	2,000.00
		ODP BUSINESS SOLUTIONS, LLC	SABRINA INK	91.71
			BATTERIES & POST IT NOTES	72.27

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	2,523.96
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	5,080.24
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	108.30
		VERIZON WIRELESS	CELL PHONE	83.43
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 MAINT	46.07
			XER/XWC7845 COLOR COPIES O	237.68
			XPHASER 4622	46.95
			TOTAL:	10,563.57
MUNICIPAL COURT	GENERAL FUND	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	69.93
		BRINKS, INC.	BRINKS MONTHLY SERVICES	651.09
		TYLER TECHNOLOGIES, INC	COURT ONLINE	100.00
		LINCOLN	LTD 2023 INV.	33.66
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	107.90
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,892.97
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	1,321.26
		ATMOS ENERGY	NATURAL GAS-109 W 5TH ST	101.34
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	31.06
		VERIZON WIRELESS	CELL PHONE	70.36
			CELL PHONE	0.00
		CINTAS CORP DBA FIRST AID & SAFETY	109 W 5TH ST/MEDICAL SUPPL	123.48
		WHEATON, YOLANDA DBA: ASAP TRANSLATORS	COURT INTERPRETER SERVICES	225.00
		HEJL & SCHROEDER, P.C.	MUNICIPAL COURT SRVS	1,800.00
			MUNICIPAL COURT SRVS	2,595.00
		ALDERETE, ERNEST JIM	APPOINTED ATTORNEY	1,500.00
			TOTAL:	10,623.05
DEVELOPMENT SERVICES	GENERAL FUND	AMAZON.COM SALES, INC DBA: AMAZON.COM	BINDER, CALENDARS, NOTEBOO	267.09
			CREDIT SHIPPING ON BOOKS	1.74-
			CREDIT SHIPPING ON TABS	0.10-
			T. YANTIS SURFACE ACCESSOR	175.97
			CREDIT SHIPPING ON BOOKS	3.15-
			CREDIT SHIPPING ON TABS	1.00-
			CREDIT WRONG PHONE CASE	35.99-
			CODE FUNDAMENTAL BOOKS	406.98
			STICKY NOTES & TABS	38.95
			O. LOPEZ JACKET	131.84
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	233.10
		LEONARD, JENNY REBECCA DBA: LIONHEART	TO #8 COMP PLAN UPDATE	5,497.40
		LINCOLN	LTD 2023 INV.	154.02
		WATKINS, MICHAEL DEAN DBA:	PD-PZ-2022-1466 GATEWAY	8,406.60
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	5,047.92
		SOUTHERN COMPUTER WAREHOUSE	MCKENZI SURFACE REPLACE	1,709.39
		GRANITE MEDIA PARTNERS, INC. DBA: TAYL	CODE ENFORCEMENT MOWING BI	109.00
			CODE ENFORCEMENT MOWING BI	99.00
			PZ-2022-1448 AFFIDAVIT FEE	142.00
			COMP PLAN CASE PZ-2023-162	208.00
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	6,580.48
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	149.27
		VERIZON WIRELESS	CELL PHONE	482.51
		WILLIAMSON COUNTY CLERK	REPLENISH ACC# 1622 W.C.C.	1,000.00
		LOPEZ, OMAR	CODE ENFORCEMENT LICENSE R	302.61
		YANTIS, THOMAS	SPRING ROUNDTABLE ORGANIZA	110.00
		SCENIC TEXAS INC	ANNUAL MEMBERSHIP 2023	749.00
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 MAINT	46.07
			XER/XWC7845 COLOR COPIES O	288.41

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		SOUTH CENTRAL PLANNING & DEV. COMMISSI	MONTHLY FEE LIC. SCPDC	1,608.33
		EILEEN MERRIT INC. DBA ATS ENGINEERS,	MONTHLY PLAN REVIEW FEES/	2,862.50
			TOTAL:	36,764.46
MAIN STREET PROGRAM 00	GENERAL FUND	AMAZON.COM SALES, INC DBA: AMAZON.COM	DATE STAMP & RAFFLE TICKET	43.72
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	23.31
		LINCOLN	LTD 2023 INV.	17.45
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	630.99
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	679.18
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	16.12
		VERIZON WIRELESS	CELL PHONE	48.25
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 MAINT	46.07
			XER/XWC7845 COLOR COPIES O	212.38
			TOTAL:	1,717.47
CD-MOODY MUSEUM	GENERAL FUND	ADT SECURITY SERVICES INC	MOODY ADT SEC/3.1.23 - 5.3	162.81
			MOODY SEC/3/2/2023-4/1/202	67.52
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	275.18
		ATMOS ENERGY	NATURAL GAS-114 W 9TH ST	111.31
			TOTAL:	616.82
PUBLIC LIBRARY	GENERAL FUND	AMERICAN DIGITAL MEMORIES, LLC	CITY DIRECTORIES DIGITIZAT	166.50
		AMAZON.COM SALES, INC DBA: AMAZON.COM	GOOGLY EYES, WATER BEADS,	108.91
			LATEX BALLOONS & STREAMERS	32.86
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	93.24
			TERM HANNAH DURON	23.31-
		DEMCO, INC.	SPINE LABELS, PAPER, LAMIN	382.44
		INGRAM BOOK COMPANY	BOOKS	11.16
			BOOKS	262.32
			BOOKS	1,438.75
			BOOKS	261.16
			BOOKS	126.23
			BOOKS	88.55
		MISCELLANEOUS MINEOLA MEMORIAL LIBRA	MINEOLA MEMORIAL LIBRARY:B	19.95
		HILLSBORO CITY LIBRARY	HILLSBORO CITY LIBRARY:BOO	15.95
		LINCOLN	LTD 2023 INV.	84.29
		MIDWEST TAPE	DVD'S	82.46
			DVD'S	18.74
		ODP BUSINESS SOLUTIONS, LLC	CORK BOARDS, SORTER, PAPER	208.35
			REFILL CARDS	6.59
			SCISSORS, PENS, PENCILS, N	111.01
			LIBRARY TONER	221.60
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	738.23
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,892.97
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	3,136.68
		ATMOS ENERGY	NATURAL GAS-801 VANCE ST	248.67
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	78.22
			ADD LEAH NORRIS	9.01
			ADD LEAH NORRIS	27.40
		VERIZON WIRELESS	CELL PHONE	35.18
		KRAMER, NORMA	REIMBURSE CRAFT SUPPLIES	12.24
		NEEMIDGE, GERI	REIMBURSE COMPUTER CABLE	6.00
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	LIBRARY MAINTENANCE FEE	41.25
		AFMA, INC. DBA: CORE OFFICE INTERIORS	MEETING ROOM CHAIRS	19,679.88
		NORRIS, LEAH	REIMBURSE CRAFT SUPPLIES	10.27
			TOTAL:	29,633.75

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
FIRE DEPARTMENT	GENERAL FUND	AMAZON.COM SALES, INC DBA: AMAZON.COM	MICROFIBER TOWELS	34.98
			FRAME & NAMEPLATE	55.44
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	559.44
		AUGUST INDUSTRIES INC.	ANNUAL SERVICE	1,116.96
		BOUND TREE MEDICAL LLC	MEDICAL SUPPLIES	482.97
			MEDICAL SUPPLIES	136.43
			MEDICAL SUPPLIES	228.91
		DOOLEY TACKABERRY, INC.	RESCUE GEAR	1,787.31
		LINCOLN	LTD 2023 INV.	389.51
			ADJ ERIC ENGELKE	0.27
			ADJ. AARON HARRALSON	0.65
			ADJ.CODY KRAEMER	0.32
			ADJ. AJAY PAYTON	0.65
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	631.91
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	14,512.77
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	21,780.30
		TIME WARNER CABLE DBA SPECTRUM	INTERNET	369.66
		ATMOS ENERGY	NATURAL GAS-705 CARLOS PAR	118.15
			NATURAL GAS-200 WASHBURN S	307.34
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	364.49
			ADJ STEPHEN BARNES	0.47
			ADJ. ERIC ENGELKE	0.25
			ADJ. AARON HARRALSON	0.47
			ADJ. CODY KRAEMER	0.23
			ADJ. AJAY PAYTON	0.47
		VERIZON WIRELESS	CELL PHONES	241.20
			DATA CARDS	607.94
		DELTA FIRE & SAFETY INC.	BRUSH TRUCK HOSE	833.96
		BAUM, DANIEL	CIVIL SERVICE & LABOR WORK	94.00
		HAYDAY, INC DBA: CTWP	FD MONTHLY COPIER AGREEMEN	52.78
		AT&T U-VERSE	FD CABLE/INTERNET	162.98
		IMPACT PROMOTIONAL SERVICES, LLC DBA:	CLASS A UNIFORMS	290.11
			TOTAL:	45,163.32
POLICE DEPARTMENT	GENERAL FUND	AT&T	INTERNET	1,635.32
		AMAZON.COM SALES, INC DBA: AMAZON.COM	METAL DETECTOR FOR CID	269.95
			WHEELS FOR OFFICE CHAIRS	200.07
			COMPUTER DESK FOR THERESA	159.99
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	839.16
			TERM DENA MORGAN	23.31-
		ALWAYS TOWING AND RECOVERY	20230313005 PFPD RECOVERED	298.00
		TEXAS DEPARTMENT OF INFORMATION RESOUR	FY23 DISPATCH CIRCUIT	413.28
		G T DISTRIBUTORS, INC	2021/2022 AMMO PURCHASE	1,967.55
			2021/2022 AMMO PURCHASE	2,949.11
			FY 23 AMMO PURCHASE	1,300.00
		LINCOLN	LTD 2023 INV.	684.68
			ADJ RAYMOND ANDERSON	1.06
			ADJ.DAVIS GOLDEN	1.06
			ADJ. MOSES GUERRERO	0.20
			ADJ. MICHAEL MORRIS	0.51-
			TERM DENA MORGAN	24.98-
		RANDY'S WRECKER SERVICE	CARS TOWING FOR TRAINING	300.00
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	825.91
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	22,715.64
			TERM EMP/SPOUSE-R. ANDERSO	2,558.60-
			ADD EMP/FAMILY - R. ANDERS	3,107.82

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			TERM DENA MORGAN	630.99-
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	28,971.72
		TIME WARNER CABLE DBA SPECTRUM	PD INTERNET FEBRUARY 2023	343.45
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	622.34
			ADJ. RAYMOND ANDERSON	0.47
			ADJ. DAVIS GOLDEN	0.94
			ADJ. MOSES GUERRERO	0.24
			TERM DENA MORGAN	23.24-
			TERM DENA MORGAN	54.10-
		VERIZON WIRELESS	CELL PHONES	652.00
			CELL PHONES - VOCA COORDIN	40.20
			CELL PHONES - VOCA VOLUNTE	40.20
			MIFI-VOCA COORDINATOR	37.99
			DATA CARDS	607.96
		DEAN THREADGILL DBA:	DEFENDER SUPPLY/VEHICLE SH	244.80
		ON TECH, LLC DBA: IT VOICE	FY23 IT SUPPORT ANNUAL	7,605.52
			SERVERS WARRANTY &	6,293.00
		AXON ENTERPRISE INC.	FLEET CAMERA YR 2 PAYMENT	22,720.00
			MAGNET MOUNTS FOR BWC X30	801.30
			BWC CONTRACT FY 23	27,712.64
		AVAYA FINANCIAL SERVICES	POLICE - SOFTWARE	355.49
		KONICA MINOLTA PREMIER FINANCE	FY23 COPIER LEASE	267.44
		PARISELLA, CLAUDIA	REIMBURSE CABINET FOR RECO	20.00
			TOTAL:	131,690.77
ANIMAL CONTROL	GENERAL FUND	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	46.62
		EVINS GROUP LLC DBA: OPENWORK	F23 ACO KENNEL TECHS	858.00
			F23 ACO KENNEL TECHS	858.00
			F23 ACO KENNEL TECHS	858.00
			F23 ACO KENNEL TECHS	858.00
		HUMANE EDUCATOR OF TEXAS, LLC	VETERINARIAN SERVICES	1,435.00
			VETERINARIAN SERVICES	1,785.00
		LINCOLN	LTD 2023 INV.	32.26
		PNC BANK NATIONAL ASSOCIATION	JP COOKE CO. RETURN	31.80-
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	522.71
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,261.98
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	1,425.73
		TRACTOR SUPPLY COMPANY	ACO/BOTTLES, CAREFRESH	45.47
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	29.86
		VERIZON WIRELESS	CELL PHONE	98.64
			TOTAL:	10,083.47
STREETS & GROUND MAINT	GENERAL FUND	AMAZON.COM SALES, INC DBA: AMAZON.COM	ST,GR/PENS, PADS, HIGHLIGH	57.64
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	512.82
		CENTERLINE SUPPLY, INC	ST,GR/SIGN WEDGE PULLER	247.50
			ST,GR/VARIOUS SIGN BLADES	431.60
			ST,GR/VARIOUS SIGN BLADES	237.60
			B. BACHMEYER/JACKET	70.00
		HEART OF TEXAS LANDSCAPE & IRRIGATION	FY23 MOWING/PARK/FACILITY	640.00
			FY23 MOWING/PARK/FACILITY	20,089.54
		LINCOLN	LTD 2023 INV.	283.30
			ADJ. EDWARD AVALOS	0.43-
		MATERA PAPER CO INC	ST,GR/STYROFOAM CUPS	107.92
		MOSS & MOSS INC. #4000	ST,GR/MISC HARDWARE	6.28
			HEX KEYS & BUNGEE CORD	11.67
			STREET SIGNS CONCRETE	11.98

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		NANCY RUTH BARRON	HERITAGE SQ #64 - 5 KEYS T	125.00
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	4,685.74
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	12,619.80
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	8,887.33
		TIME WARNER CABLE DBA SPECTRUM	INTERNET	229.16
		TRACTOR SUPPLY COMPANY	TOMMY Y. BOOTS	79.99
		ATMOS ENERGY	NATURAL GAS-1424 N. MAIN S	374.85
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	265.13
			ADJ. EDWARD AVALOS	0.48-
		VERIZON WIRELESS	CELL PHONE	378.94
			GATEWAY SIGN	37.99
		HAYDAY, INC DBA: CTWP	MAINTENANCE AGMT 2023	132.00
		YELLOWSTONE LANDSCAPE CENTRAL, INC.	FY 23 ROW MOWING	3,931.80
		TRI-POINT REFRIGERATION, INC.	1424 N MAIN ST./DEBRIS IN	436.21
		AVAYA FINANCIAL SERVICES	CAMERA SYSTEM	167.59
		COMMUNITY COFFEE COMPANY LLC	ST,GR/COFFEE SERVICES	172.35
		UNIFIRST HOLDINGS INC	ST,GR/UNIFORMS	255.15
			ST,GR/UNIFORM RENTAL	266.15
			ST,GR/UNIFORM RENTAL	247.50
			ST,GR/UNIFORM RENTAL	239.20
			TOTAL:	56,238.82
PARKS & RECREATION	GENERAL FUND	AMAZON.COM SALES, INC DBA: AMAZON.COM	9VOLT BATTERY	12.74
			CREDIT RETURNED RUG	38.24-
			DOWN MARKERS & PYLONS	475.95
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	186.48
		JIM McNABB INC DBA: ART OFFICE SIGNS	PERCUSSION PARK BANNER	152.40
		BSN SPORTS	FOOTBALL NUMBER STENCILS	791.90
		LINCOLN	LTD 2023 INV.	117.79
			ADJ TYLER BYBEE	0.91
			ADD JORDAN MUMMERT	8.60
		MATERA PAPER CO INC	TRPSC/JUMBO TOILET PAPER	132.87
			TRPSC/CAN LINERS	104.72
		MICHAEL C. PESCHEL	PERCUSSION PARK RIBBON CUT	350.00
		MOSS & MOSS INC. #5000	PAINT & BRUSHES	21.58
			REGAL RED TOOL & SCREWDRIV	39.56
			SQUEEGEE BROOM	28.79
			CABLE TIES	18.87
			PVC PIPE	10.29
			CAUTION TAPE	5.66
			LIQUID RUBBER	13.49
			WELD RABBIT GARD	31.49
		PROGRESSIVE COMMERCIAL AQUATIC, INC.	MURPHY POOL CHEMICALS	4,179.00
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	3,837.97
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	5,678.91
			ADD JORDAN MUMMERT	669.79
			TERM JORDAN MUMMERT	669.79-
			ADD EMP/FAMILY - J.MUMMERT	1,553.91
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	3,873.12
		TIME WARNER CABLE DBA SPECTRUM	DICKEY GIVENS INTERNET	99.99
			FIELD HOUSE INTERNET	110.08
		ATMOS ENERGY	NATURAL GAS-1418 DAVIS ST	139.14
			NATURAL GAS-1418 DAVIS ST	73.63
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	109.00
			ADJ. TYLER BYBEE	0.95
			ADD STEKEVION JOHNSON	7.58

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			ADD JORDAN MUMMERT	8.06
			ADD STEKEVION JOHNSON	4.55
		VERIZON WIRELESS	CELL PHONE	215.11
			IPAD	37.99
		WAYNE GING PLUMBING, LLC	TRPSC/WATER LEAK REPAIR	339.00
		FRANKS, VANLAWRANCE	22/23 YOUTH BASKETBALL REF	96.00
		MCCOY'S BUILDING SUPPLY	CONCRETE MIX	33.84
		AVAYA FINANCIAL SERVICES	TRPSC/PHONE SYSTEM	121.60
			CAMERA SYSTEM	167.58
		MOORE, DE'QUINNA' KERRY	22/23 YOUTH BASKETBALL REF	10.00
		R & G WINDOW CLEANING, LLC	JANITORIAL AT DICKEY - LB	217.00
		UNIFIRST HOLDINGS INC	TRPSC/UNIFORMS	22.64
			TRPSC/UNIFORMS	22.64
			TRPSC/UNIFORMS	22.64
			TOTAL:	23,447.78
INTERNAL SERVICES/BLDG	GENERAL FUND	AMAZON.COM SALES, INC DBA: AMAZON.COM	IPHONE CASE CITY RECPT	13.39
			CITY HALL TV MOUNT	66.45
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	93.24
		CL&MA JANITORIAL SERVICES LLC	FY23 JANITORIAL SRVCS	1,890.00
		HOME DEPOT CREDIT SERVICES	P&R RESTROOM DOOR & SUPPLI	222.90
		LINCOLN	LTD 2023 INV.	61.57
		MATERA PAPER CO INC	STYROFOAM CUPS	37.54
			ROLL TOWELS, LINERS, TISSU	311.66
		MOSS & MOSS INC. #6000	DICKEY GIVENS/MISC HARDWAR	2.58
			P&R CAULK & GUN	12.75
			P&R RESTROOM SIGN	5.39
		PNC BANK NATIONAL ASSOCIATION	WALMART RETURN	26.88-
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	791.96
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	2,523.96
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	2,419.09
		ATMOS ENERGY	NATURAL GAS-400 PORTER ST	322.73
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	56.89
		VERIZON WIRELESS	CELL PHONE	193.03
		WAYNE GING PLUMBING, LLC	POLICE DEPT/REPAIR SLOAN V	221.00
			FIRE DEP/REPAIR WATER HEAT	200.00
		MCCOY'S BUILDING SUPPLY	P&R PAINT & SUPPLIES	34.20
			SHOP 12' LADDER	293.99
			TOOLS 50' EXT CORD	34.47
		ALL STARR TERMITE & PEST CONTROL DBA:	FY23 ANNUAL PEST CONTROL	1,079.00
			FY23 ANNUAL PEST CONTROL	1,079.00
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 COLOR COPIES O	16.91
		QUADIENT LEASING USA, INC.	CITY HALL POSTAGE LEASE	1,339.50
		SHARCO TECHNOLOGIES, INC.	CITY HALL/REMOTE SUPPORT	95.00
		AVAYA FINANCIAL SERVICES	CAMERA SYSTEM	167.58
		UNIFIRST HOLDINGS INC	CITY HALL MATS	18.40
			1201 N MAIN/MATS	17.43
			1424 N MAIN MATS/WIPERS	8.26
			CITY HALL MATS	18.40
			SCRAPER MAT/1424 N MAIN	5.63
			MUNICIPAL COURT MATS	14.60
			500 S MAIN ST/MATS	12.56
			LIBRARY MATS	13.73
			CITY HALL MATS	18.40
			MATS-UTILITY MAINTENANCE	7.68
			SCRAPER MAT	5.63

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			FIRE #1 MATS	8.76
			MUNICIPAL COURT MATS	14.60
			500 S MAIN ST/MATS	12.56
			LIBRARY MATS	13.73
			FIRE #2 MATS	6.84
			MATS-UTILITY MAINTENANCE	3.84
			MATS	5.63
			FIRE #1 MATS	8.76
			FIRE #2 MATS	6.84
			TOTAL:	13,781.18
INTERNAL SVC/ I T DEPT	GENERAL FUND	AT&T	INTERNET	1,635.32
		TIME WARNER CABLE DBA SPECTRUM	CABLE	76.19
		ON TECH, LLC DBA: IT VOICE	CYLANCE SOFTWARE LIC	630.00
			FY23 IT MANAGED SUPPORT	14,184.30
			LIBRARY/NETWORK CABLE	125.00
		AVAYA FINANCIAL SERVICES	CITY WIDE PHONE/LEAS	2,344.50
			TOTAL:	18,995.31
NON-DEPARTMENTAL	GENERAL FUND	ARNOLD OIL COMPANY OF AUSTIN, LP DBA A	ICE STORM/PREMIX FOR CHAIN	47.70
			ICE STORM/ST DEPT 4 CYCLE	180.00
			ICE STORM/FUEL TRANSFER PU	506.86
			ICE STORM/RENTAL EQT DEF O	40.50
			ICE STORM/DEF FOR RENTAL E	40.50
			2023 ICE STORM RENTAL EQT	40.50
		AMAZON.COM SALES, INC DBA: AMAZON.COM	ICE STORM/CHAIN SAW	666.02
			ICE STORM/POLE SAW	341.79
			ICE STORM/SAFETY GLASSES	29.10
		B & M MATTA CONSTRUCTION, LLC	BRUSH, LIMBS, HAUL-OFF	31,855.00
		COUFAL-PRATER EQUIP LLC DBA UNITED AG	PRUNERS/CHAIN SAWS	1,287.73
		TRAC-N-TROL,INC.	ICE STORM/WWTP SCADA REPAI	501.30
		MOSS & MOSS INC. #4000	ICE STORM/LOCK FOR EQUIP@W	28.78
		POPE MATERIALS INC	6 LOADS OF WHITE ROCK	1,463.39
			ICE STORM/1501 MLK STONE H	476.30
			ICE STORM/1501 MLK ROCK HA	975.95
		SCOTT & WHITE HEALTHCARE	RETIREES	2,523.96
			TERM ISAAC TURNER	1,519.77-
		STENCE ELECTRIC	ICE STORM/WATER TOWER PANE	570.00
			ICE STORM/CONNECT GEN TO P	359.95
		TRACTOR SUPPLY COMPANY	ICE STORM/FUEL TANK & PUMP	1,299.98
			ICE STORM/GREASE FOR GEN@W	95.80
			ICE STORM/CREDIT WRONG PUM	519.99-
			ICE STORM/EXCAVATOR TOOLS	27.51
			ICE STORM/GREASE GUN	27.99
		UNITED RENTALS (NORTH AMERICA), INC.	BOOM 40'-50' ARTICULATING	2,964.03
			ICE STORM/MOVE EXCAVATOR @	450.00
		MCCOY'S BUILDING SUPPLY	ICE STORM/BLDG MAINT GLOVE	25.46
		VERMEER TEXAS-LOUISIANA	HG6800TX HORIZONTAL GRIND	77,450.00
		SUNBELT RENTALS, INC.	ICE STORM/N PUMP STAT GENE	704.00
		LAPRADE, NAPTALLY	ICE STORM/WWTP FOOD SUPPLI	105.97
		NORTHWEST CASCADE INC DBA HONEY BUCKET	ICE STORM/WELCH PORTAPOTTY	246.50
			ICE STORM/1501 MLK CTC DIS	407.89
		CALDWELL JR., LARRY EUGENE	TREE TRIMMING ICE STORM	5,200.00
			LABOR HOURS 2/3-2/4	3,000.00
		CUSTOM TREE CARE, INC. DBA:	REMOVAL OF DEBRIS FROM	645,000.00
			20% CONTINGENCY	5,868.40

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		AUSTIN WOOD RECYCLING, INC.	MULCH HAULING FROM CITY	60,847.50
		SAFEWARE, INC.	2 WIRELESS HEADSETS	1,500.00
		PROTESTANT EPISCOPAL CHURCH IN THE U.S	ICE STORM/2023 SHELTER REI	2,250.00
			TOTAL:	847,366.60
HOTEL/MOTEL TAX	HOTEL/MOTEL FUND	ARSENAL ADVERTISING LLC DBA: ARSENAL	TAYLOR MADE ADS FY22/23	2,388.03
			TAYLOR MADE ADS FY22/23	2,365.24
			TAYLOR MADE ADS FY22/23	2,388.09
		TAYLOR CHAMBER OF COMMERCE	HOTEL/MOTEL COLL JANUARY 2	6,125.53
			TOTAL:	13,266.89
CONTRIBUTE CIVIC PROGR	MAIN STREET REVENU	DENENA, CORY B	2.11.2023 FARMERS MARKET M	100.00
		DEVFOUNDRIES, LLC	2.4.2023 FARMERS MARKET MU	75.00
		SIMANK, JASON DBA: BEST CALIBER RENTAL	108 E 2ND ST/GRANT AWARD	5,000.00
			TOTAL:	5,175.00
I & S PAYMENT ACCOUNTS	I & S FOR G O BOND	BANK OF AMERICA NA	CO SERIES 2007	44,047.37
		JP MORGAN CHASE BANK-GO REF 2015	GO REF 2015	11,803.90
		THE BANK OF NEW YORK MELLON	GO REF 2021	34,792.50
			CO SERIES 2022	384,388.55
			CO SERIES 2017	16,992.09
			CO SERIES 2018	55,800.00
			CO SERIES 2019	142,781.03
			GO REF 2017	20,101.22
			GO REF 2016	58,905.54
		WILMINGTON TRUST, NA	TAX & REVENUE CO SERIES 20	54,800.00
		WEBSTER BANK, N.A.	LTN SERIES 2022	67,195.58
			TOTAL:	891,607.78
I & S PAYMENT ACCOUNTS	I&S UTILITY CO'S &	BANK OF AMERICA NA	CO SERIES 2006	54,512.50
			CO SERIES 2007	73,820.88
		JP MORGAN CHASE BANK-GO REF 2015	GO REF 2015	9,399.45
		THE BANK OF NEW YORK MELLON	GO REF 2021	2,707.50
			CO SERIES 2022	329,557.50
			CO SERIES 2017	32,371.39
			CO SERIES 2019	81,118.97
			GO REF 2017	24,498.78
			GO REF 2016	101,294.46
			TOTAL:	709,281.43
AIRPORT CO'S-I&S ACCOU	I & S FOR AIRPORT	THE BANK OF NEW YORK MELLON	CO SERIES 2017	18,686.52
			TOTAL:	18,686.52
MURPHY PARK IMPROVEMEN	GENERAL CAPITAL IM	LANGFORD COMMUNITY MANAGEMENT SERVICES	PERCUSSION PARK GRANT	2,100.00
			TOTAL:	2,100.00
2019 GO BONDS PROJECTS	GENERAL CAPITAL IM	ROSS MOLINA OLIVEROS, P.C.	CRABBOLL LEGAL SRVS	346.43
			SCOTT FAMILY LEG SRV	435.60
			SCOTT FAMILY LEGAL SRVS	3,154.40
			TOTAL:	3,936.43
DOWNSTREETS PROJECT	2013 COMBINATION C	SEC PLANNING, LLC	WAYFINDING SIGNS	992.57
			TOTAL:	992.57
PERFORMANCE CONTRACT	2017 PERFORMANCE C	ALADDIN CARPET & INTERIORS	FLOORING FOR POLICE DEPT.	7,325.00
			TOTAL:	7,325.00

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	TRANSPORTATION FUN	TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	236.00
		WEX HEALTH, INC. DBA: WEX	38705 FSA	50.00
			38705 FSA	50.00
			TOTAL:	336.00
TRANSPORTATION	TRANSPORTATION FUN	TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	439.96
			TOTAL:	439.96
NON-DEPARTMENTAL	MUNICIPAL DRAINAGE	TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	990.90
		INTERNATIONAL CITY MANAGEMENT ASSOC RE	PLAN ID 307325-CONTRIBUTOR	10.00
			PLAN ID 307325-CONTRIBUTOR	10.00
			TOTAL:	1,010.90
MUNICIPAL DRAINAGE	MUNICIPAL DRAINAGE	TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	1,847.32
			TOTAL:	1,847.32
NON-DEPARTMENTAL	SANITATION FUND	TEXAS COMPTROLLER OF PUBLIC ACCOUNTS	SALES&USE TAX ENDING 01/31	8,669.49
			TOTAL:	8,669.49
NON-DEPARTMENTAL	PUBLIC UTILITIES F	AFLAC	AFLAC FEB.2023 INVOICE	218.48
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	174.60
		NATIONWIDE RETIREMENT SOLUTIONS	457B DEF COMP PLAN	60.00
			457B DEF COMP PLAN	60.00
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,538.01
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	8,451.41
		UNUM LIFE INS CO OF AMERI	UNUM LIFE INS. PAYABLE	101.40
		INTERNATIONAL CITY MANAGEMENT ASSOC RE	PLAN ID 307325-CONTRIBUTOR	325.00
			PLAN ID 307325-CONTRIBUTOR	325.00
			TOTAL:	11,253.90
UTILITIES ADMINISTRATI	PUBLIC UTILITIES F	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	139.86
		BRINKS, INC.	BRINKS MONTHLY SERVICES	1,177.50
		TYLER TECHNOLOGIES, INC	WEBSITE MAINTENANCE	50.00
			UTILITY BILLING ONLINE	220.00
		LINCOLN	LTD 2023 INV.	68.92
		ODP BUSINESS SOLUTIONS, LLC	UB NEW EMPLOYEE DESK	729.99
			JANET'S INK	91.71
			PAPER, PENS, TAPE	136.64
			UB FILE TRAYS	22.04
			B. MARTINEZ'S DESK CALENDA	14.23
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	4,416.93
		SOUTHERN COMPUTER WAREHOUSE	UB Clerk computer	1,045.16
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	2,763.73
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	63.79
		VERIZON WIRELESS	CELL PHONE	118.61
			AIRCARD	37.99
		DAHILL DBA: XEROX BUSINESS SOLUTIONS S	XER/XWC7845 COLOR COPIES O	227.50
			TOTAL:	11,324.60
WASTEWATER TREATMENT	PUBLIC UTILITIES F	ALDINGER COMPANY	WWTP SCALE CALIBRATION	326.00
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	116.55
		AQUA-TECH LABORATORIES, INC.	LAB SERVICES	840.00
			LAB SERVICES	292.00
		GRAINGER, W. W. INC.	AIR FILTER	102.48
		HUTHER AND ASSOCIATES, INC.	BIOMONITORING	645.00
		LINCOLN	LTD 2023 INV.	65.50

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		MOSS & MOSS INC. #3000	MISC HARDWARE	49.97
			PICK	30.59
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	12,920.27
		RISE SKYBEAM/JAB BROADBAND INC.	WWTP INTERNET	127.78
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	3,154.95
		STENCE ELECTRIC	RICES CROSSING LIFT STATIO	400.00
			WWTP/CHECK BREAKER	380.00
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	3,103.31
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	60.91
		VERIZON WIRELESS	CELL PHONE	131.68
		USA BLUEBOOK; INC. DBA	LAB SUPPLIES	1,014.44
		SCRUGGS DISTRIBUTION LLC DBA: THE SCRU	BORE & KEY	135.00
		GREEN, JAMES	REISSUED PAYROLL CLOSED AC	1,446.70
			TOTAL:	25,343.13
DISTRIBUTION/COLLECTIO	PUBLIC UTILITIES F	AMAZON.COM SALES, INC DBA: AMAZON.COM	FORD TOWER/SOLAR LIGHT	162.86
			BROWN TOWELS	84.49
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	279.72
		CITY OF ROUND ROCK	BACT'S JANUARY 2023	440.00
		CORE & MAIN LP	RINGS	57.00
		LINCOLN	LTD 2023 INV.	164.52
			ADD JOE ALEGRIA	9.67
			ADJ. JUSTIN CRUZ	2.57
			ADJ. CHASE ESTES	2.57
			ADJ. TROY GONZALEZ	1.68
		MOSS & MOSS INC. #3000	BUSHING, ADAPTER, COUPLING	17.54
			CHAIN SAW CHAIN	26.99
			RETURN CHAIN SAW CHAIN	5.40-
			RAKE & SEALANT	48.39
			EARPLUGS & DUCT TAPE	28.78
			BALL VALVE	15.29
			MISC HARDWARE	14.67
			NUT DRIVER	6.74
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	4,315.26
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	8,202.87
			ADD JOE ALEGRIA	630.99
			TERM JOE ALEGRIA	630.99-
			ADD EMP/CHILD JOE ALEGRIA	921.58
		STENCE ELECTRIC	SOUTHWOOD HILLS TOWER LIGH	150.00
			HEB PUMP STATION	190.00
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	9,888.81
		TRACTOR SUPPLY COMPANY	BOOTS	189.98
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	152.64
			ADD JOE ALEGRIA	9.01
			ADJ. JUSTIN CRUZ	2.37
			ADJ. CHASE ESTES	2.37
			ADJ. TROY GONZALEZ	1.67
			ADD MARK HERNANDEZ	18.02
			TERM KYLE RYDELL	27.75-
			TERM KYLE RYDELL	7.70-
		VERIZON WIRELESS	CELL PHONE	359.86
			IPADS	60.99
		USA BLUEBOOK; INC. DBA	POWDER PILLOWS NITRATE	85.13
		MCCOY'S BUILDING SUPPLY	CHAINS	38.40
		PRO-CHEM, INC.	GLOVES	587.10
			ODOR OUT	235.13

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		HAYDAY, INC DBA: CTWP	COPIER RENTAL SERVICE	372.23
		SAMCO LEAK DETECTION SERVICES, INC.	LEAK DETECTION PHASE 4	17,250.00
		UNIFIRST HOLDINGS INC	UTILITY MAINT/UNIFORMS	112.46
			UNIFORM RENTAL-UTILITY MAI	162.62
			UNIFORM RENTAL-UTILITY MAI	109.49
			UNIFORM RENTAL-UTILITY MAI	144.16
			TOTAL:	44,884.78
UTILITIES NONDEPARTMEN	PUBLIC UTILITIES F	BRAZOS RIVER AUTHORITY	EWC WTP/O&M 13291	225,159.38
			SAMSUNG INTERIM WATER6/1-1	16,688.14
		HDR ENGINEERING INC	WWTP ENGINEERING SUPPORT S	7,647.76
		TML INTERGOVERNMENTAL	LB182423 DEDUCTIBLE	1,000.00
			TOTAL:	250,495.28
NON-DEPARTMENTAL	UTILITY IMPACT FEE	LEONARD, JENNY REBECCA DBA: LIONHEART	IMPACT FEE/COMP PLAN/TRA	2,405.38
			TOTAL:	2,405.38
NON-DEPARTMENTAL	AIRPORT FUND	TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	467.64
		WEX HEALTH, INC. DBA: WEX	38705 FSA	0.04
			38705 FSA	0.04
			TOTAL:	467.72
AIRPORT OPERATIONS DEP	AIRPORT FUND	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	23.31
		AVFUEL CORP.	100LL FUEL	24,103.51
		KOETTER FIRE PROTECTION OF AUSTIN, LLC	HANGAR F FIRE MONITORING	720.00
		LINCOLN	LTD 2023 INV.	17.58
			ADD STACEY BATCH	17.57
		MOSS & MOSS INC. #6000	REPAIRS/PLASTER, TAPE, LIN	50.01
			REPAIRS/PAVEMENT MARKING T	73.30
			REPAIRS/FUSES FOR PAPI LIG	10.78
			REPLACE AIRPORT MAILBOX	31.49
			FUEL FARM/HANGAR KEYS & GL	13.96
			REPLACE MAILBOX NUMBERS	4.80
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	989.42
		SCOTT & WHITE HEALTHCARE	TERM SARAH HINTON	630.99-
			ADD SARAH HINTON	630.99
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	871.81
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	16.36
			ADD STACEY BATCH	16.36
		VERIZON WIRELESS	CELL PHONE	35.18
		SHARCO TECHNOLOGIES, INC.	AIRPORT SECURITY CAMERA RE	315.00
		AVAYA FINANCIAL SERVICES	AIRPORT SECURITY CAMERAS	187.41
		PETRIE, STEPHEN J. DBA: BLUEGLOBES, LL	REPAIRS/AIRFIELD LIGHT BUL	724.66
			TOTAL:	28,222.51
NON-DEPARTMENTAL	CEMETERY OPERATING	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	31.87
		MISCELLANEOUS JANICE CARAWAY	JANICE CARAWAY:SPACES TO C	2,030.00
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	581.71
			TOTAL:	2,643.58
CEMETERY OPERATING DEP	CEMETERY OPERATING	AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	46.62
		LINCOLN	LTD 2023 INV.	26.87
		RELIANT ENERGY SOLUTIONS	MONTHLY ELECTRIC BILL	63.82
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,261.98
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	1,084.48
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	24.87

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		VERIZON WIRELESS	CELL PHONE	48.25
			AIRCARD	37.99
		WILLIAMSON COUNTY	FILE 4 CEMETERY DEEDS	104.00
			FILE 6 CEMETERY DEEDS	156.00
		KNIPPA, DANIEL	FY23 GRAVE DIGGING SERV.	1,950.00
			FY23 GRAVE DIGGING SERV.	6,450.00
		UNIFIRST HOLDINGS INC	FLEET/UNIFORMS	15.95
			CEM/UNIFORM RENTAL	15.95
			CEM/UNIFORM RENTAL	15.95
			CEM/UNIFORM RENTAL	15.95
			TOTAL:	11,318.68
NON-DEPARTMENTAL	FLEET SERVICES OPE	AFLAC	AFLAC FEB.2023 INVOICE	124.47
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	67.37
		NATIONWIDE RETIREMENT SOLUTIONS	457B DEF COMP PLAN	35.00
			457B DEF COMP PLAN	35.00
		PRE-PAID LEGAL SERVICES, INC. DBA LEGA	PRE-PAID LEGAL FEB.2023	33.90
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	290.59
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	764.44
		UNUM LIFE INS CO OF AMERI	UNUM LIFE INS. PAYABLE	56.45
			TOTAL:	1,407.22
FLEET SERVICES SECTION	FLEET SERVICES OPE	ARNOLD OIL COMPANY OF AUSTIN, LP DBA A	#39 BATTERY	117.64
			#309 OIL & OIL FITLER	73.07
			#621 HYDRAULIC HOSES	105.53
			#621 OIL	73.23
			#601 BALL & HITCH	83.22
			#745 OIL	61.44
			E11 ANTIFREEZE	22.83
			#745 OIL FITLER	6.27
			WATER DEPT PREMIX	90.00
			#531 DEF OIL	13.50
			#632 8G-8MP	14.24
			#539 OIL	73.23
			#340 OIL & OIL FILTER	67.79
			POLICE STOCK OIL	92.16
			#67 PIPE MOUNT JACK	92.96
			#340 ROTOR	517.52
			#35 HYD HOSE & OIL	133.34
			#67 12G-12MP	25.17
			#35 1000THF 5 GAL	197.92
			#35 1000THF 5 GAL	98.96
			#35 1000THF 5 GAL	197.92
			#35 1000THF 5 GAL	197.92
			#531 DEF OIL	13.50
			#345 OIL & OIL FILTER	73.07
			SHOP FUNNEL	4.53
			#619 TURN SIGNAL	10.80
			#531 DEF OIL	27.00
			#515 FLAP	73.38
			FLEET WASH SOLVENT	25.32
			#522 BATTERY	240.78
			B2 SEALED BEAM LIGHT	74.44
			#342 OIL & OIL FILTER	73.07
			#306 OIL, ELEMENT & OIL FI	87.38
			#626 DEF OIL	54.00

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			E2 DEF OIL	67.50
			#271 OIL & OIL FILTER	67.71
			#303 OIL & OIL FILTER	52.10
			#341 OIL & FILTERS	100.77
			#106 FUEL TANK CAP	13.15
			E2 OIL & OIL FILTER	52.43
			#346 OIL & OIL FILTER	73.07
			FLEET WASH SOLVENT	12.66
			#628 AIR FILTER	29.46
		AETNA LIFE INSURANCE COMPANY	AETNA DENTAL OCT. INVOICE	46.62
		COUFAL-PRATER EQUIP LLC DBA UNITED AG	JOHN DEERE/BACKHOE PIN TOO	277.00
		COVERT COUNTRY OF HUTTO	#347 CERTIFIED SERVICE KEY	915.90
			#337 SPARK PLUGS & WIRING	1,631.54
		FLOYDCO INC	#627 WINSHIELD	385.00
			#344 WINDSHIELD	525.00
			B2 WINDSHIELD	525.00
		GEORGETOWN OUTDOOR POWER, INC.	#556 OIL SENSOR SWITCH	38.16
			FIRE STATION #2/FUEL FILTE	24.32
			TRPSC/AIR CLEANER ELEMENT	7.94
		HENNA CHEVROLET INC	#306 HANDLE	48.97
			#345 COIL, WIRE, & TUBE	271.55
			#336 LINKS	736.60
			#345 TUBE	18.13
			#344 COIL	215.84
			#336 WHEEL, SENSOR, & NUT	285.99
			#342 SENSOR	44.21
			#342 YOKE & JOINT KIT	317.99
			#342 MOTOR MOUNT	94.30
			#306 DOOR HANDLE	59.74
		O'REILLY AUTOMOTIVE, INC.	#340 DISC PAD SET	134.22
		INTERSTATE BATT. N AUSTIN	#330 BATTERY	137.37
			#601 BATTERY	150.32
			#336 BATTERY	162.60
		LINCOLN	LTD 2023 INV.	35.71
		LONGHORN INTERNATIONAL TRUCKS, LTD DBA	#565 CONTROL VALVE	195.58
			#568 AIR FILTERS	420.09
			#565 AIR FILTERS	420.09
		MOSS & MOSS INC. #8000	KEY, DEODORIZER, SEALANT	20.86
			SHOP FUNNEL	2.33
		SCOTT & WHITE HEALTHCARE	S&W INVOICE 2023	1,261.98
		EWALD KUBOTA INC	STOCK DUST COVER	9.71
		TERRY'S BODY SHOP INC	#306 FRONT DOOR HANDLE	69.00
		TEXAS MUNICIPAL RETIREMENT SYSTEMS	JANUARY 2023 CONTRIBUTIONS	1,425.12
		TRACTOR SUPPLY COMPANY	B-1 RAIN CAP	10.99
			B-2 RAIN CAP	10.99
		UNUM LIFE INS CO OF AMERI	UNUM AD&D	33.18
		VERIZON WIRELESS	CELL PHONE	83.43
			MIFI	37.99
		DEAN THREADGILL DBA:	CALDWELL/TITLE WORK POSTAG	17.70
			LAKE COUNTRY/TITLE WORK PO	16.91
		HESELMEYER, STEVEN K.	REIMB VEH REGISTRATION#346	15.75
		TEXAS MUNICIPAL EQUIPMENT, LLC	VEH#67 PIRANHA SEWER HOSE	1,401.00
		SOUTHERN TIRE MART	#342 TIRE	120.67
			#343 TIRE	120.67
			#336 TIRE	271.68
		T&W TIRE LLC	B2 TIRE & TIRE REPAIR	600.97

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			#520 TIRE	104.22
			#519 TIRE	104.22
		UNIFIRST HOLDINGS INC	FLEET/UNIFORMS	17.16
			FLEET/UNIFORM RENTAL	13.53
			FLEET/UNIFORM RENTAL	13.53
			FLEET/UNIFORM RENTAL	17.16
			TOTAL:	17,508.51
2022 BOND	2022 BOND	ASD CONSULTANTS, INC.	CHANGE ORDERS # 4-9	47,096.00
		RABA KISTNER, INC.	ANIMAL SHELTER	2,515.70
		SATELLITE SHELTERS, INC.	ACO TEMP BLDG RENTAL	1,390.00
			TOTAL:	51,001.70
UITILITY INFRASTRUCTUR	SAMSUNG INFRASTRUC	ROSS MOLINA OLIVEROS, P.C.	PROPHET CAPITAL LEG SRVS	720.00
			TOTAL:	720.00
DEVELOPMENT SERVS	SAMSUNG DRRA ESCRO	SHI GOVERNMENT SOLUTIONS	BLUEBEAM SOFTWARE	327.00
		VERIZON WIRELESS	CELL PHONE	48.25
			TOTAL:	375.25
NON-DEPARTMENTAL	POOLED CASH	PNC BANK NATIONAL ASSOCIATION	1/1/2023-1/31/2023 TRANSAC	25,846.03
			TOTAL:	25,846.03

========== FUND TOTALS ==========		
100	GENERAL FUND	1,385,604.44
120	HOTEL/MOTEL FUND	13,266.89
123	MAIN STREET REVENUE FUND	5,175.00
140	I & S FOR G O BONDS	891,607.78
144	I&S UTILITY CO'S & BONDS	709,281.43
146	I & S FOR AIRPORT CO'S	18,686.52
162	GENERAL CAPITAL IMPROVEME	6,036.43
165	2013 COMBINATION CO	992.57
166	2017 PERFORMANCE CONTRACT	7,325.00
210	TRANSPORTATION FUND	775.96
300	MUNICIPAL DRAINAGE UTILIT	2,858.22
320	SANITATION FUND	8,669.49
340	PUBLIC UTILITIES FUND	343,301.69
345	UTILITY IMPACT FEE FUND	2,405.38
350	AIRPORT FUND	28,690.23
370	CEMETERY OPERATING FUND	13,962.26
382	FLEET SERVICES OPERATING	18,915.73
500	2022 BOND	51,001.70
501	SAMSUNG INFRASTRUCTURE	720.00
502	SAMSUNG DRRA ESCROW	375.25
950	POOLED CASH	25,846.03
	GRAND TOTAL:	3,535,498.00

Attachment D

Balance Sheets by Funds

General Fund
Tax Increment Financing Funds
Hotel Occupancy Tax Fund
Main Street Fund
Municipal Court Special Fee Fund
Library Grant/Donations Fund
Roadway Impact Fee Fund
Transportation User Fee Fund
Municipal Drainage Utility System Fund
Sanitation Fund
Public Utilities Fund
Utility Impact Fee Fund
Airport Fund
Cemetery Fund
Fleet Services Operating Fund
Fleet Replacement Fund

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

100-GENERAL FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
100-100-100	PETTY CASH	1,050.00	
100-100-102	CLAIM ON POOLED CASH	(10,261,036.54)	
100-100-103	SECURITY INVESTMENTS	6,394,191.99	
100-100-104	SAFEKEEPING CHECKING ACCT	980,502.42	
100-100-105	MONEY MARKET @CNB #4260618	12,233.64	
100-100-107	GEN OPERATING TXCLASS 0008	3,396,805.23	
100-100-108	NED TRUST(MOODY)TEXSTAR	205,262.16	
100-100-110	TEXPOOL 2465300006 POOLED CASH	18,330,541.72	
100-100-113	TEXPOOL 2465300015 N MOODY	21,497.36	
100-120-100	PROPERTY TAXES RECEIVABLE	216,145.22	
100-120-103	MISC. ACCOUNTS RECEIVABLE	14,661.07	
100-120-110	ALLOWANCE UNCOLLECTED TAXES	(41,731.57)	
100-120-120	SALES TAXES RECEIVABLE	1,699,062.94	
100-120-140	GRANTS RECEIVABLE	204,659.48	
100-120-141	FRANCHISE TAX RECEIVABLE	256,895.95	
100-120-150	LEASE RECEIVABLE KAPSCH	19,473.98	
100-120-250	DUE FROM FUND 350 FOR LOAN	0.00	
100-120-252	DUE FROM CIP FUND	5,325.00	
100-120-255	DUE FROM OTHER FUNDS	162,531.92	
100-120-302	TEDC REIMBURSE FOR MAIN ST	0.00	
100-170-100	CURRENT YR RES FOR ENCUMBRANCE	(5,433,688.29)	
100-170-101	PRIOR YR RES FOR ENCUMBRANCE	1,283,130.61	
100-170-103	PRE-PAY HEALTH INSURANCE	0.00	
100-180-101	DUE FROM SOURCES-GRANT REVENUE	0.00	
			17,467,514.29
	TOTAL ASSETS		17,467,514.29
LIABILITIES			
100-200-100	ACCRUED PAYABLES	408,504.28	
100-200-110	ENCUMBERED PAYABLE GEN.	(5,433,688.29)	
100-200-111	PRIOR YEAR ENCUMBRANCE	1,283,130.61	
100-200-200	FICA & MEDICARE PAYABLE	(130.98)	
100-200-201	FEDERAL WITHHOLDING PAYABLE	0.00	
100-200-202	TMRS PAYABLE	52,423.18	
100-200-203	DEFERRED COMP PAYABLE	1,844.33	
100-200-204	CIVIL SERVICE-SICK LEAVE	0.00	
100-200-205	TEDC SALES TAX PAYABLE	0.00	
100-200-209	CHILD SUPPORT PAYABLE	0.00	
100-200-210	CHILD SUPPORT PAYABLE	(747.71)	
100-200-211	GARNISHMENTS PAYABLE	2,640.86	
100-200-212	UNUM LIFE INS PAYABLE	240.44	
100-200-213	DENTAL PAYABLE	(2,824.83)	
100-200-214	AFLAC PAYABLE	3,559.61	
100-200-215	CLOTHES RENTAL PAYABLE	0.00	
100-200-216	CINCINNATI LIFE PAYABLE	5,406.75	
100-200-218	BLUE CHOICE PAYABLE	27.62	
100-200-219	SCOTT & WHITE HEALTH PAYABLE	(3,360.37)	

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

100-GENERAL FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
100-200-220	S&W PAYABLE 2001-2011	(9,793.98)	
100-200-221	FLEXIBLE SPENDING (FSA) PAYABL	(2,223.29)	
100-200-222	PRE-PAID LEGAL PAYABLE	(3,593.55)	
100-200-228	MISC DEDUCTIONS PAYABLE	0.00	
100-200-229	MET LIFE DENTAL PAYABLE	(551.91)	
100-200-230	UNITED WAY PAYABLE	0.00	
100-200-231	MEMBERSHIP/DUES PAYABLE	200.00	
100-200-232	COURT BOND REFUND PAYABLE	(709.80)	
100-200-233	OTHER A/P PENDING (AUDITOR)	(52,259.66)	
100-200-234	GLOBE LIFE PAYABLE	434.32	
100-200-235	VISION PLAN PAYABLE	413.31	
100-200-300	RETAINAGE PAYABLE	0.00	
100-200-301	COURT COLLECTIONS	4,322.65	
100-200-401	WAGES PAYABLE	178,742.01	
100-200-500	ACCOUNTS PAYABLE PENDING	1,990,451.45	
100-200-502	DUE TO STATE/COURT FEES	14,551.98	
100-200-503	DUE TO COMPT. SALES TAX	0.00	
100-200-504	DUE TO TEDC-MONTHLY SALES TAX	0.00	
100-200-505	DUE TO OMNIBASE SERVICES INC	(498.46)	
100-200-507	DUE TO S&W/COBRA FROM OTHERS	(6,851.59)	
100-200-508	DUE TO TISD:HOUSING AUTH PILOT	0.00	
100-200-509	DUE TO TMRS FROM TEDC	79.59	
100-210-111	DUE TO I&S (TAX COLLECTIONS)	208,791.60	
100-210-191	DUE TO OTHERS FROM EVIDENCE	0.00	
100-220-100	TAX DISTRIBUTION	(408,504.28)	
100-220-110	DEFERRED INFLOW OF RESOURCES	22,274.22	
100-240-100	DEFERRED TAX REVENUE	174,413.65	
100-240-101	UNCLAIMED FUNDS	14,999.34	
100-240-102	DEFERRED REV-BOND PREMIUM	0.00	
100-240-103	DEFERRED REVENUE	500,000.00	
100-240-104	REFUNDABLE FACILITY DEPOSITS	12,502.40	
100-241-110	PREPAYMNT PERMT M2E3LLC 100YRS	2,478.19	
100-241-111	RESERVE CHRISTMAS DONATIONS	4.66	
100-241-113	ESCROW-BONDS POSTED-DEFENDENTS	3,042.45	
	TOTAL LIABILITIES		(1,040,259.20)
EQUITY			
100-265-100	RESTRICTED PORTION FUND BA	0.00	
100-270-100	FUND BALANCE	10,106,687.14	
100-280-100	ASSIGNED FUND BALANCE	32,396.29	
	TOTAL BEGINNING EQUITY	10,139,083.43	
	TOTAL REVENUE	18,399,885.11	
	TOTAL EXPENSES	10,031,195.05	
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	8,368,690.06	
	TOTAL EQUITY & FUND BALANCE		18,507,773.49
	TOTAL LIABILITIES, EQUITY & FUND BALANCE		17,467,514.29

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

118-TIF #2

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
118-100-102	CLAIM ON POOLED CASH	0.00		
118-100-103	SECURITY INVESTMENTS	0.00		
118-100-104	SAFEKEEPING CHECKING ACCT	0.00		
118-120-103	MISC ACCOUNTS RECEIVABLE	0.00		
118-170-100	CURRENT YR RES FOR ENCUMBRANCE	0.00		
118-170-101	PRIOR YR RES FOR ENCUMBRANCE	0.00		
			0.00	
	TOTAL ASSETS			0.00
LIABILITIES				
118-200-110	CURRENT YEAR ENCUMBRANCE	0.00		
118-200-111	PRIOR YEAR ENCUMBRANCE	0.00		
118-200-300	RETAINAGE PAYABLE	0.00		
118-200-500	ACCOUNTS PAYABLE PENDING	0.00		
	TOTAL LIABILITIES		0.00	
EQUITY				
118-270-100	FUND BALANCE	0.00		
	TOTAL BEGINNING EQUITY	0.00		
	TOTAL REVENUE	0.00		
	TOTAL EXPENSES	0.00		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	0.00		
	TOTAL EQUITY & FUND BALANCE		0.00	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			0.00

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

119-TIF (TAX INCREMENT FUND)

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
119-100-102	CLAIM ON POOLED CASH	(155,920.90)		
119-100-103	SECURITY INVESTMENTS	0.00		
119-100-104	SAFEKEEPING CHECKING ACCT	0.00		
119-100-115	TEXPOOL 246530004 TIF PROP TAX	242,394.55		
119-120-103	MISC ACCOUNTS RECEIVABLE	0.00		
119-170-100	CURRENT YR RES FOR ENCUMBRANCE	(5,622.50)		
119-170-101	PRIOR YR RES FOR ENCUMBRANCE	0.00		
			80,851.15	
	TOTAL ASSETS			80,851.15
LIABILITIES				
119-200-110	CURRENT YEAR ENCUMBRANCE	(5,622.50)		
119-200-111	PRIOR YEAR ENCUMBRANCE	0.00		
119-200-300	RETAINAGE PAYABLE	0.00		
119-200-500	ACCOUNTS PAYABLE PENDING	1,377.50		
	TOTAL LIABILITIES		(4,245.00)	
EQUITY				
119-270-100	FUND BALANCE	268,507.23		
	TOTAL BEGINNING EQUITY	268,507.23		
	TOTAL REVENUE	3,816.42		
	TOTAL EXPENSES	187,227.50		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	(183,411.08)		
	TOTAL EQUITY & FUND BALANCE		85,096.15	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			80,851.15

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

120-HOTEL/MOTEL FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
120-100-102	CLAIM ON POOLED CASH	105,983.29		
120-120-103	MISC ACCOUNTS RECEIVABLE	24,520.19		
120-170-100	CURRENT YR RES FOR ENCUMBRANCE	(21,658.64)		
120-170-101	PRIOR YR RES FOR ENCUMBRANCE	0.00		
			108,844.84	
	TOTAL ASSETS			108,844.84
LIABILITIES				
120-200-110	CURRENT YEAR ENCUMBRANCE	(21,658.64)		
120-200-111	PRIOR YEAR ENCUMBRANCE	0.00		
120-200-500	ACCOUNTS PAYABLE PENDING	6,125.53		
120-200-505	DUE TO SAYDA 380 AGREEMENT	0.00		
	TOTAL LIABILITIES		(15,533.11)	
EQUITY				
120-270-100	FUND BALANCE	89,222.89		
	TOTAL BEGINNING EQUITY	89,222.89		
	TOTAL REVENUE	131,693.18		
	TOTAL EXPENSES	96,538.12		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	35,155.06		
	TOTAL EQUITY & FUND BALANCE		124,377.95	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			108,844.84

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

123-MAIN STREET REVENUE FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
123-100-102	CLAIM ON POOLED CASH	107,553.76		
123-120-103	MISC ACCOUNTS RECEIVABLE	0.00		
123-170-100	CURRENT YR RES FOR ENCUMBRANCE	(29,510.00)		
123-170-101	PRIOR YR RES FOR ENCUMBRANCE	11,910.00		
			89,953.76	
	TOTAL ASSETS			89,953.76
LIABILITIES				
123-200-110	CURRENT YEAR ENCUMBRANCE	(29,510.00)		
123-200-111	PRIOR YEAR ENCUMBRANCE	11,910.00		
123-200-500	ACCOUNTS PAYABLE PENDING	11.77		
123-240-100	PRE-REGISTER FESTIVAL/CARSHOW	12,665.00		
	TOTAL LIABILITIES		(4,923.23)	
EQUITY				
123-270-100	FUND BALANCE	86,544.35		
	TOTAL BEGINNING EQUITY	86,544.35		
	TOTAL REVENUE	57,324.00		
	TOTAL EXPENSES	48,991.36		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	8,332.64		
	TOTAL EQUITY & FUND BALANCE		94,876.99	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			89,953.76

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

125-MUNICIPAL CRT SPECIAL FEE

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
125-100-102	CLAIM ON POOLED CASH	101,283.61		
125-170-100	CURRENT YR RES FOR ENCUMBRANCE	(16,595.00)		
125-170-101	PRIOR YR RES FOR ENCUMBRANCE	16,595.00		
			101,283.61	
	TOTAL ASSETS			101,283.61
LIABILITIES				
125-200-110	CURRENT YEAR ENCUMBRANCE	(16,595.00)		
125-200-111	PRIOR YEAR ENCUMBRANCE	16,595.00		
125-200-500	ACCOUNTS PAYABLE PENDING	0.00		
	TOTAL LIABILITIES		0.00	
EQUITY				
125-270-100	FUND BALANCE	98,965.05		
	TOTAL BEGINNING EQUITY	98,965.05		
	TOTAL REVENUE	4,745.16		
	TOTAL EXPENSES	2,426.60		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	2,318.56		
	TOTAL EQUITY & FUND BALANCE		101,283.61	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			101,283.61

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

129-LIBRARY GRANT/DONATION

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
129-100-102	CLAIM ON POOLED CASH	45,500.34		
129-100-103	TEXSTAR: NOBLE TRUST - 3444	945.64		
129-100-108	NED TRUST (LIBRARY) TEXSTAR	288,357.65		
129-120-103	MISC ACCTS RECEIVABLE	0.00		
129-170-100	CURRENT YR RES FOR ENCUMBRANCE	(1,436.37)		
129-170-101	PRIOR YR RES FOR ENCUMBRANCE	1,436.37		
			334,803.63	
	TOTAL ASSETS			334,803.63
LIABILITIES				
129-200-110	CURRENT YEAR ENCUMBRANCE	(1,436.37)		
129-200-111	PRIOR YEAR ENCUMBRANCE	1,436.37		
129-200-233	OTHER A/P PENDING (AUDITOR)	(10,945.00)		
129-200-500	ACCOUNTS PAYABLE PENDING	10,945.00		
	TOTAL LIABILITIES		0.00	
EQUITY				
129-270-100	FUND BALANCE	330,178.18		
	TOTAL BEGINNING EQUITY	330,178.18		
	TOTAL REVENUE	4,625.45		
	TOTAL EXPENSES	0.00		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	4,625.45		
	TOTAL EQUITY & FUND BALANCE		334,803.63	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			334,803.63

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

200-ROADWAY IMPACT FEE FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
200-100-102	CLAIM ON POOLED CASH	483,280.07		
200-170-100	CURRENT YR RES FOR ENCUMBRANCE	(97,999.32)		
200-170-101	PRIOR YR RES FOR ENCUMBRANCE	97,999.32		
			483,280.07	
	TOTAL ASSETS			483,280.07
LIABILITIES				
200-200-110	CURRENT YR ENCUMBRANCES	(97,999.32)		
200-200-111	PRIOR YR ENCUMBRANCES	97,999.32		
200-200-500	ACCOUNTS PAYABLE PENDING	0.00		
	TOTAL LIABILITIES		0.00	
EQUITY				
200-270-100	FUND BALANCE	487,326.39		
	TOTAL BEGINNING EQUITY	487,326.39		
	TOTAL REVENUE	16,488.00		
	TOTAL EXPENSES	20,534.32		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	(4,046.32)		
	TOTAL EQUITY & FUND BALANCE		483,280.07	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			483,280.07

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

210-TRANSPORTATION FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
210-100-101	2019 CO BOND FUNDS TEXSTAR	0.00		
210-100-102	CLAIM ON POOLED CASH	1,589,720.80		
210-100-103	SECURITY INVESTMENTS	0.00		
210-100-104	SAFEKEEPING CHECKING ACCT	0.00		
210-120-130	ACCTS RECEIVABLE TRANSPORTATIO	130,861.35		
210-120-131	ALLOWANCE-TRANSPORTATION	(19,352.76)		
210-170-100	CURRENT YR RES FOR ENCUMBRANCE	(328,272.22)		
210-170-101	PRIOR YR RES FOR ENCUMBRANCE	6,676.71		
			1,379,633.88	
	TOTAL ASSETS			1,379,633.88
LIABILITIES				
210-200-100	ACCRUED PAYABLES	0.00		
210-200-110	CURRENT YR ENCUMBRANCES	(328,272.22)		
210-200-111	PRIOR YR ENCUMBRANCES	6,676.71		
210-200-200	FICA & MEDICARE PAYABLE	0.00		
210-200-201	FEDERAL WITHHOLDING PAYABLE	0.00		
210-200-202	TMRS PAYABLE	217.22		
210-200-209	CHILD SUPPORT PAYABLE	0.00		
210-200-212	UNUM LIFE INS PAYABLE	2.94		
210-200-213	DENTAL PAYABLE	96.72		
210-200-219	SCOTT & WHITE HEALTH PAYABLE	804.66		
210-200-221	FLEXIBLE SPENDING (FSA) PAYABL	0.00		
210-200-235	VISION PLAN PAYABLE	10.98		
210-200-500	ACCOUNTS PAYABLE PENDING	0.00		
210-240-101	UNCLAIMED FUNDS	0.00		
	TOTAL LIABILITIES		(320,462.99)	
EQUITY				
210-270-100	FUND BALANCE	1,512,220.62		
	TOTAL BEGINNING EQUITY	1,512,220.62		
	TOTAL REVENUE	355,470.83		
	TOTAL EXPENSES	167,594.58		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	187,876.25		
	TOTAL EQUITY & FUND BALANCE		1,700,096.87	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			1,379,633.88

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

300-MUNICIPAL DRAINAGE UTILIT

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
300-100-102	CLAIM ON POOLED CASH	304,397.31		
300-120-100	DRAINAGE RECEIVABLE	83,462.89		
300-120-130	ALLOWANCE FOR DOUBTFUL ACCTS	(15,047.88)		
300-160-206	FIXED ASSET-WORK IN PROGRESS	0.00		
300-170-100	CURRENT YR RES FOR ENCUMBRANCE	(26,976.00)		
300-170-101	PRIOR YR RES FOR ENCUMBRANCE	0.00		
300-190-103	ACCUMULATED DEPRECIATION	0.00		
			345,836.32	
	TOTAL ASSETS			345,836.32
LIABILITIES				
300-200-104	ACCRUED INTEREST PAYABLE	0.00		
300-200-110	CURRENT YEAR ENCUMBRANCES	(26,976.00)		
300-200-111	PRIOR YEAR ENCIMBRANCES	0.00		
300-200-200	FICA & MEDICARE PAYABLE	0.00		
300-200-201	FEDERAL WITHHOLDING PAYABLE	0.00		
300-200-202	TMRS PAYABLE	868.00		
300-200-203	DEFERRED COMP PAYABLE	(5.01)		
300-200-209	CHILD SUPPORT PAYABLE	0.00		
300-200-212	UNUM LIFE INS PAYABLE	6.12		
300-200-233	OTHER A/P PENDING (AUDITOR)	0.00		
300-200-240	BOND PAYABLE - CURRENT	0.00		
300-200-300	RETAINAGE PAYABLE	0.00		
300-200-500	ACCOUNTS PAYABLE PENDING	0.00		
	TOTAL LIABILITIES		(26,106.89)	
EQUITY				
300-250-100	CONTRIBUTED CAPITAL-DRAINAGE	0.00		
300-270-100	FUND BALANCE	297,783.08		
	TOTAL BEGINNING EQUITY	297,783.08		
	TOTAL REVENUE	219,468.40		
	TOTAL EXPENSES	145,308.27		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	74,160.13		
	TOTAL EQUITY & FUND BALANCE		371,943.21	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			345,836.32

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

320-SANITATION FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
320-100-102	CLAIM ON POOLED CASH	592,778.63		
320-120-103	MISC ACCOUNTS RECEIVABLE	24,483.06		
320-120-130	ACCTS RECEIVABLE GARBAGE	279,304.98		
320-120-131	ALLOWANCE-GARBAGE	(17,301.91)		
320-170-100	CURRENT YR RES FOR ENCUMBRANCE	0.00		
320-170-101	PRIOR YR RES FOR ENCUMBRANCE	0.00		
			879,264.76	
	TOTAL ASSETS			879,264.76
LIABILITIES				
320-200-100	ACCRUED PAYABLES	0.00		
320-200-110	CURRENT YR ENCUMBRANCES	0.00		
320-200-111	PRIOR YR ENCUMBRANCES	0.00		
320-200-500	ACCOUNTS PAYABLE PENDING	314,789.43		
320-200-503	DUE TO STATE COMPT SALES TAX	26,196.86		
320-240-101	UNCLAIMED FUNDS	0.00		
	TOTAL LIABILITIES		340,986.29	
EQUITY				
320-270-100	FUND BALANCE	478,014.66		
	TOTAL BEGINNING EQUITY	478,014.66		
	TOTAL REVENUE	928,409.85		
	TOTAL EXPENSES	868,146.04		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	60,263.81		
	TOTAL EQUITY & FUND BALANCE		538,278.47	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			879,264.76

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

340-PUBLIC UTILITIES FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
340-100-100	PETTY CASH	1,350.00	
340-100-101	2019 CO BOND FUNDS TEXSTAR	82,202.12	
340-100-102	CLAIM ON POOLED CASH	2,617,968.45	
340-100-103	SECURITY INVESTMENTS	0.00	
340-100-104	SAFEKEEPING CHECKING ACCT	0.00	
340-100-107	TEXPOOL 2465300012 TOWER RENT	216,190.12	
340-100-110	TEXPOOL 2465300001 UTILITY FD	51,675.89	
340-100-116	UTILITY OPERATING-TXCLASS 0007	1,048,454.89	
340-100-118	TEXPOOL RATE STABILIZATION 18	162,047.24	
340-100-119	TEXPOOL CAPITAL OUTLAY-ASSETS	319,581.83	
340-100-120	TEXPOOL WORKING CAPITAL-CIP	472,329.25	
340-100-121	TEXPOOL 2017 WWTP IMPROVMNTS	0.00	
340-120-100	ACCOUNTS RECEIVABLE	1,684,068.82	
340-120-101	CURRENT REFUND PAYABLE	17,484.51	
340-120-102	UNAPPLIED CREDITS	(72,804.11)	
340-120-103	MISC. ACCOUNTS RECEIVABLE	33,700.00	
340-120-104	AR - AUDIT ACCRUALS	0.00	
340-120-130	ALLOWANCE-ACCTS. RECEIVABLE	(106,237.86)	
340-120-150	LEASE RECEIVABLE VERIZON	31,168.63	
340-120-151	LEASE RECEIVABLE ATT	65,882.60	
340-140-100	INVENTORY	155,232.00	
340-150-100	BOND ISSUANCE COSTS	0.00	
340-150-105	DEFERRED AMT ON REFUNDING	0.00	
340-160-100	LAND	457,201.00	
340-160-200	BUILDINGS	6,363,714.34	
340-160-206	FIXED ASSETS: WORK IN PROGRESS	2,477,932.91	
340-160-225	PLANT DISTRIBUTION/COLLECTION	53,927,344.11	
340-160-235	EQUIPMENT	1,108,990.57	
340-170-100	CURRENT YR RES FOR ENCUMBRANCE	(816,839.49)	
340-170-101	PRIOR YR RES FOR ENCUMBRANCE	434,336.40	
340-170-103	PRE-PAY HEALTH INSURANCE	0.00	
340-190-103	ACCUMULATED DEPRECIATION	(27,563,949.42)	
			43,169,024.80
	TOTAL ASSETS		43,169,024.80
LIABILITIES			
340-200-104	ACCRUED INTEREST PAYABLE	180,700.99	
340-200-110	CURRENT YEAR ENCUMBRANCES	(816,839.49)	
340-200-111	PRIOR YEAR ENCUMBRANCE	434,336.40	
340-200-200	FICA AND MEDICARE PAYABLE	(526.13)	
340-200-201	FEDERAL WITHHOLDING PAYABLE	(1,073.32)	
340-200-202	TMRS PAYABLE	7,960.51	
340-200-203	DEFERRED COMP PAYABLE	(318.71)	
340-200-204	DEFERRED CHARGES	0.00	
340-200-205	Pension Liability	275,428.98	
340-200-208	ACCRUED VACATION	31,887.93	
340-200-209	CHILD SUPPORT PAYABLE	0.00	

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

340-PUBLIC UTILITIES FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
340-200-210	CHILD SUPPORT PAYABLE	0.00	
340-200-211	OPEB-SDBF LIABILITY	86,117.71	
340-200-212	UNUM LIFE INS PAYABLE	424.17	
340-200-213	DENTAL PAYABLE	96.07	
340-200-214	AFLAC PAYABLE	548.29	
340-200-215	CLOTHES RENTAL PAYABLE	0.00	
340-200-216	CINCINNATI LIFE PAYABLE	390.42	
340-200-218	BLUE CHOICE PAYABLE	175.48	
340-200-219	SCOTT & WHITE HEALTH PAYABLE	(5,373.91)	
340-200-221	FLEXIBLE SPENDING(FSA) PAYABLE	0.00	
340-200-222	PRE-PAID LEGAL PAYABLE	(212.30)	
340-200-228	MISC. DEDUCTIONS PAYABLE	0.00	
340-200-229	MET LIFE DENTAL PAYABLE	(135.78)	
340-200-230	UNITED WAY PAYABLE	(1.00)	
340-200-233	OTHER A/P PENDING (AUDITOR)	(15,805.47)	
340-200-235	VISION PLAN PAYABLE	26.82	
340-200-240	BONDS PAYABLE-CURRENT	0.00	
340-200-300	RETAINAGE PAYABLE	0.00	
340-200-401	WAGES PAYABLE	22,918.27	
340-200-500	ACCOUNTS PAYABLE PENDING	103,122.17	
340-200-999	UNRECONCILED DIFFERENCES	0.00	
340-210-100	UNAMORT. BOND DISCOUNT	0.00	
340-210-101	BOND PREMIUMS	1,819,061.48	
340-210-102	DEFERRED AMT ON REFUNDING	(410,126.74)	
340-210-110	DEFERRED OUTFLOW RESORCES TMRS	(128,856.27)	
340-210-111	SDBF-DEF OUTFLOW OF RE CONTR	(1,320.04)	
340-210-113	SDBF DEF INFLOW ACT EX VS ASS	3,925.93	
340-210-114	SDBF DEF OUTFLOW CHNG ASSUMPT	(13,179.58)	
340-210-115	DEFERRED OUTFLOW INVST TMRS	277,951.02	
340-210-118	DEFERRED INFLOW-ACTUAL VS ASSM	(4,380.77)	
340-210-119	DEFERRED OUTFLOW-CHNG IN ASSUM	(5,310.00)	
340-220-110	DEFERRED INFLOW OF RESOURCES	101,311.95	
340-230-109	CAPITAL LEASE BANC ONE NEMI	0.00	
340-230-114	4.5M CO SERIES 2003 (65%)	0.00	
340-230-115	4.2M COMB CO 2006 (4M)	2,450,000.00	
340-230-116	10M COMB SERIES 2007 (7M)	3,855,000.00	
340-230-117	9.615M COMB SERIES 08 (6.615M)	0.00	
340-230-118	8.995 GO REFUNDING 2009	0.00	
340-230-119	2.625 GO REF 2010	0.00	
340-230-120	5.450M GO REF 2012 (1.460M)	0.00	
340-230-121	4.595M 2015 GO REF (1.695M)	900,000.00	
340-230-122	8.010M 2016 GO REF (5.065M)	5,065,000.00	
340-230-123	5.34M COMB SERIES 2017(2.250M)	2,200,000.00	
340-230-124	3.02M GO REF 2017 (1.585M)	1,225,000.00	
340-230-125	12.590 M 2019 COs (4.425M)	4,145,000.00	
340-230-126	4.035M 2021 GO Ref	195,000.00	
340-230-127	22.91M 2022 CO (10.575M)	10,575,000.00	
340-240-100	METER DEPOSITS	558,712.00	
340-240-101	UNCLAIMED FUNDS	5,611.58	
340-240-120	ALLOWANCE FOR BAD DEBT	0.00	
	TOTAL LIABILITIES		33,117,248.66

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

340-PUBLIC UTILITIES FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
EQUITY				
340-250-100	CONTRIBUTED CAPITAL-WATER OPER	454,779.30		
340-250-101	CONTRIBUTED CAPITAL SEWER OPER	60,475.00		
340-270-100	FUND BALANCE	9,491,916.17		
	TOTAL BEGINNING EQUITY	10,007,170.47		
	TOTAL REVENUE	5,196,725.83		
	TOTAL EXPENSES	5,152,120.16		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	44,605.67		
	TOTAL EQUITY & FUND BALANCE		10,051,776.14	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			43,169,024.80

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

345-UTILITY IMPACT FEE FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
345-100-102	CLAIM ON POOLED CASH	3,073,823.39		
345-100-103	SECURITY INVESTMENTS	0.00		
345-100-104	SAFEKEEPING CHECKING ACCT	0.00		
345-160-206	WORK IN PROGRESS	0.00		
345-160-225	PLANT DISTRIBUTION	143,311.29		
345-170-100	CURRENT YR RES FOR ENCUMBRANCE	(247,905.50)		
345-170-101	PRIOR YR RES FOR ENCUMBRANCE	139,045.00		
			3,108,274.18	
	TOTAL ASSETS			3,108,274.18
LIABILITIES				
345-200-110	CURRENT YEAR ENCUMBRANCE	(247,905.50)		
345-200-111	PRIOR YEAR ENCUMBRANCE	139,045.00		
345-200-233	OTHER A/P PENDING (AUDITOR)	0.00		
345-200-500	ACCOUNTS PAYABLE PENDING	0.00		
	TOTAL LIABILITIES		(108,860.50)	
EQUITY				
345-270-100	FUND BALANCE	3,105,208.18		
	TOTAL BEGINNING EQUITY	3,105,208.18		
	TOTAL REVENUE	123,915.00		
	TOTAL EXPENSES	11,988.50		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	111,926.50		
	TOTAL EQUITY & FUND BALANCE		3,217,134.68	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			3,108,274.18

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

350-AIRPORT FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
350-100-102	CLAIM ON POOLED CASH	73,222.43	
350-100-106	TEXPOOL 2017 AIRPORT CONST	959,861.10	
350-120-100	AIRPORT RECEIVABLES	4,749.82	
350-120-101	REFUND CHECKS PAYABLE	0.00	
350-120-103	MISC. ACCOUNTS RECEIVABLE	(385.00)	
350-120-140	GRANTS RECEIVABLE	0.00	
350-120-250	DUE FROM OTHER FUNDS (AUDITOR)	0.00	
350-150-100	BOND ISSUANCE COSTS	0.00	
350-150-105	DEFERRED AMT ON REFUNDING	0.00	
350-160-100	LAND	859,833.00	
350-160-200	T-HANGERS (BUILDINGS)	4,344,298.10	
350-160-206	FIXED ASSETS:WORK IN PROGRESS	12,880.00	
350-160-210	EQUIPMENT	118,846.06	
350-160-300	RUNWAY	2,238,415.96	
350-160-335	FIELD EQUIPMENT	0.00	
350-170-100	CURRENT YR RES FOR ENCUMBRANCE	(141,286.63)	
350-170-101	PRIOR YR RES FOR ENCUMBRANCE	0.00	
350-170-103	PRE-PAY HEALTH INSURANCE	0.00	
350-190-103	ACCUMULATED DEPRECIATION	(2,210,965.34)	
			6,259,469.50
	TOTAL ASSETS		6,259,469.50
LIABILITIES			
350-200-100	ACCRUED ACCOUNTS PAYABLE	0.00	
350-200-110	CURRENT YEAR ENCUMBRANCE	(141,286.63)	
350-200-111	PRIOR YEAR ENCUMBRANCE	0.00	
350-200-200	FICA AND MEDICARE PAYABLE	0.00	
350-200-201	FEDERAL WITHHOLDING PAYABLE	0.00	
350-200-202	TMRS PAYABLE	654.79	
350-200-210	NET PENSION LIABILITY	10,060.63	
350-200-211	NEW OPED-SDBF LIABILITY	3,145.63	
350-200-213	DENTAL PAYABLE	42.71	
350-200-214	AFLAC PAYABLE	0.00	
350-200-219	SCOTT & WHITE PAYABLE	(13.58)	
350-200-221	FLEXIBLE SPENDING(FSA) PAYABLE	47.22	
350-200-222	PRE-PAID LEGAL	0.00	
350-200-228	MISC. DEDUCTIONS PAYABLE	0.00	
350-200-233	OTHER A/P PENDING (AUDITOR)	(617.76)	
350-200-235	VISION PLAN PAYABLE	4.37	
350-200-240	BONDS PAYABLE-CURRENT	0.00	
350-200-401	WAGES PAYABLE	1,050.18	
350-200-500	ACCOUNTS PAYABLE PENDING	1,040.05	
350-200-501	DUE TO FUND 100 (LOAN ADVANCE)	0.00	
350-200-502	DUE TO FUND 100	0.00	
350-200-505	DUE TO OTHER FUNDS	0.00	
350-200-999	UNRECONCILED DIFFERENCE	(271.67)	
350-210-100	UNAMORT. BOND DISCOUNT	0.00	

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

350-AIRPORT FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
350-210-101	BOND PREMIUMS	17,874.76		
350-210-110	DEFERRED OUTFLOW TMRS CONT	(4,706.75)		
350-210-111	SDBF DEF OUTFLOW RE CONTRIB	(48.22)		
350-210-113	SDBF DEF INFLOW ACT EXP VS ASS	143.40		
350-210-114	SDBF DEF OUTFLOW CHNG ASSUMPT	(481.41)		
350-210-115	DEFERRED OUTLOW INVST TMRS	10,152.76		
350-210-118	DEFERRED INFLOW ACT VS ASSMPT	(160.02)		
350-210-119	DEFERRED OUTFLOW CNGS IN ASSUM	(193.96)		
350-230-101	LONG TERM DEBT	0.00		
350-230-102	BOND PAYABLE-$290K REF 2010	0.00		
350-230-103	5.34M COMB SERIES 2017(1.445M)	1,270,000.00		
350-240-101	ACCRUED INTEREST PAYABLE	4,790.13		
	TOTAL LIABILITIES		1,171,226.63	
EQUITY				
350-250-100	CONTRIBUTED CAPITAL GRANT	4,274,320.92		
350-250-101	CONTRIBUTED CAPITAL CITY	75,265.82		
350-280-100	RETAINED EARNINGS	294,756.02		
350-281-100	PRIOR PERIOD ADJUSTMENTS	442,482.09		
	TOTAL BEGINNING EQUITY	5,086,824.85		
	TOTAL REVENUE	259,427.13		
	TOTAL EXPENSES	258,009.11		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	1,418.02		
	TOTAL EQUITY & FUND BALANCE		5,088,242.87	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			6,259,469.50

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

370-CEMETERY OPERATING FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
370-100-102	CLAIM ON POOLED CASH	127,287.30		
370-100-103	SECURITY INVESTMENTS	54,000.00		
370-100-104	SAFEKEEPING CHECKING ACCCT	0.00		
370-120-103	MISC ACCOUNTS RECEIVABLE	0.00		
370-160-206	FIXED ASSETS-WORK IN PROGRESS	0.00		
370-160-225	INFRASTRUCTURE	10,032.80		
370-170-100	CURRENT YR RES FOR ENCUMBRANCE	(98,256.83)		
370-170-101	PRIOR YR RES FOR ENCUMBRANCE	13,919.83		
370-170-103	PRE-PAY HEALTH INSURANCE	0.00		
370-190-103	ACCUMULATED DEPRECIATION	(4,013.12)		
			102,969.98	
	TOTAL ASSETS			102,969.98
LIABILITIES				
370-200-110	CURRENT YR ENCUMBRANCE	(98,256.83)		
370-200-111	PRIOR YEAR ENCUMBRANCE	13,919.83		
370-200-200	FICA & MEDICARE PAYABLE	0.00		
370-200-201	FEDERAL WITHHOLDING PAYABLE	0.00		
370-200-202	TMRS PAYABLE	605.21		
370-200-210	NET PENSION LIABILITY	14,714.65		
370-200-211	NEW OPEB-SDBF LIABILITY	4,600.79		
370-200-213	ASSURANT DENTAL PAYABLE	38.66		
370-200-214	AFLAC PAYABLE	0.00		
370-200-219	SCOTT & WHITE HEALTH PAYABLE	283.28		
370-200-221	FLEXIBLE SPENDING(FSA) PAYABLE	0.00		
370-200-222	PRE-PAID LEGAL	0.00		
370-200-228	MISC DEDUCTIONS PAYABLE	0.00		
370-200-233	OTHER A/P PENDING (AUDITOR)	(1,342.29)		
370-200-235	VISION PLAN PAYABLE	6.26		
370-200-401	WAGES PAYABLE	1,747.14		
370-200-500	ACCOUNTS PAYABLE PENDING	11,707.04		
370-210-100	DUE TO CEMETERY LAND PURCHASE	0.00		
370-210-110	DEFERRED OUTFLOW CONT TMRS	(6,884.08)		
370-210-111	SDBF DEF OUTFLOW RES CONTRIB	(70.52)		
370-210-113	SDBF DEF INFLOW ACT EX VS ASSU	209.74		
370-210-114	SDBF DEF OUTFLOW CHNG ASSUMPT	(704.11)		
370-210-115	DEFERRED OUTFLOW INVST TMRS	14,849.38		
370-210-118	DEFERRED INFLOW ACTUAL VS ASSM	(234.04)		
370-210-119	DEFERRED OUTFLOW-CHG ASSUMP	(283.68)		
	TOTAL LIABILITIES		(45,093.57)	
EQUITY				
370-270-100	FUND BALANCE	178,123.52		
	TOTAL BEGINNING EQUITY	178,123.52		
	TOTAL REVENUE	101,010.53		
	TOTAL EXPENSES	131,070.50		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	(30,059.97)		
	TOTAL EQUITY & FUND BALANCE		148,063.55	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			102,969.98

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

382-FLEET SERVICES OPERATING

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
382-100-102	CLAIM ON POOLED CASH	(100,241.25)	
382-100-104	SAFEKEEPING CHECKING ACCT	0.00	
382-120-250	DUE FROM OTHER FUNDS	0.00	
382-160-206	ESCROW FOR EQUIPMENT PURCHASES	0.00	
382-160-301	VEHICLES	0.00	
382-160-303	OFFICE EQUIPMENT	0.00	
382-160-305	FIELD EQUIPMENT	0.00	
382-160-306	HEAVY EQUIPMENT	0.00	
382-160-320	EQUIPMENT	0.00	
382-170-100	CURRENT YR RES FOR ENCUMBRANCE	(89,965.06)	
382-170-101	PRIOR YR RES FOR ENCUMBRANCE	74,881.95	
382-170-103	PRE-PAY HEALTH INSURANCE	0.00	
382-190-103	ACCUMULATED DEPRECIATION	0.00	
			(115,324.36)
	TOTAL ASSETS		(115,324.36)
LIABILITIES			
382-200-110	CURRENT YEAR ENCUMBRANCE	(89,965.06)	
382-200-111	PRIOR YEAR ENCUMBRANCE	74,881.95	
382-200-200	FICA AND MEDICARE PAYABLE	0.00	
382-200-201	FEDERAL WITHHOLDING PAYABLE	0.00	
382-200-202	TMRS PAYABLE	778.95	
382-200-203	DEFERRED COMP PAYABLE	0.00	
382-200-208	ACCRUED VACATION	4,944.81	
382-200-210	NET PENSION LIABILITY	33,749.69	
382-200-211	NEW OPEB-SDBF LIABILITY	10,552.43	
382-200-212	UNUM LIFE INSURANCE PAYABLE	(293.11)	
382-200-213	DENTAL PAYABLE	45.81	
382-200-214	AFLAC PAYABLE	193.37	
382-200-215	CLOTHES RENTAL PAYABLE	0.00	
382-200-216	CINCINNATI LIFE PAYABLE	261.10	
382-200-218	BLUE CHOICE PAYABLE	0.00	
382-200-219	SCOTT & WHITE HEALTH PAYABLE	(155.87)	
382-200-221	FLEXIBLE SPENDING(FSA) PAYABLE	0.00	
382-200-222	PRE-PAID LEGAL PAYABLE	(490.60)	
382-200-228	MISC DEDUCTIONS PAYABLE	0.00	
382-200-229	MET LIFE DENTAL PAYABLE	0.00	
382-200-233	OTHER A/P PENDING (AUDITOR)	(2,723.96)	
382-200-235	VISION PLAN PAYABLE	4.42	
382-200-401	WAGES PAYABLE	2,212.96	
382-200-500	ACCOUNTS PAYABLE PENDING	33,614.78	
382-210-110	DEFERRED OUTFLOW CONTB TMRS	(15,789.40)	
382-210-111	SDBF DEF OUTFLOW RES CONTRI	(161.75)	
382-210-113	SDBF DEF INFLOW ACT EXP VS ASS	481.06	
382-210-114	SDBF DEF OUTFLOW CHNG ASSUMPT	(1,614.96)	
382-210-115	DEFERRED OUTFLOW INVST TMRS	31,135.86	
382-210-118	DEFERRED INFLOW ACTUAL VS ASSM	2,386.07	

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

382-FLEET SERVICES OPERATING

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
382-210-119	DEFERRED OUTLOW-CHNG IN ASSUMP	(650.66)		
382-240-101	UNCLAIMED FUNDS	78.32		
	TOTAL LIABILITIES		83,476.21	
EQUITY				
382-260-121	RESERVE:FUTURE EQUIP PURCHASES	0.00		
382-270-100	FUND BALANCE	(88,499.73)		
	TOTAL BEGINNING EQUITY	(88,499.73)		
	TOTAL REVENUE	236,579.98		
	TOTAL EXPENSES	346,880.82		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	(110,300.84)		
	TOTAL EQUITY & FUND BALANCE		(198,800.57)	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			(115,324.36)

BALANCE SHEET
AS OF: FEBRUARY 28TH, 2023

384-FLEET REPLACEMENT FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
384-100-102	CLAIM ON POOLED CASH	134,033.25		
384-100-104	CAPITAL EQUIP ACCT 2139517	0.00		
384-100-105	SIGNATURE BANK EQUIP (ESCROW)	0.00		
384-100-106	FROST LEASING ESCROW 010597724	0.00		
384-100-107	UMB BANK CLAYTON HOLDINGS	0.00		
384-100-108	2018 FLEET/EQUIP TEXSTAR 20180	222,943.84		
384-100-109	GOVERNMENT CAPITAL CORP	0.00		
384-100-110	US BANCORP GOVERNMENT LEAS	0.00		
384-100-111	US BANCORP GOV ESCROW	0.00		
384-120-103	MISC ACCOUNTS RECEIVABLE	0.00		
384-140-100	PREPAID CAP LEASE	0.00		
384-150-100	BOND ISSUANCE COSTS	0.00		
384-160-206	FIXED ASSETS-WORK IN PROGRESS	0.00		
384-160-320	MACHINERY & EQUIPMENT	8,286,744.68		
384-170-100	CURRENT YR RES FOR ENCUMBRANCE	(4,936,604.24)		
384-170-101	PRIOR YR RES FOR ENCUMBRANCE	3,865,694.83		
384-190-103	ACCUMULATED DEPRECIATION	(6,274,950.69)		
			1,297,861.67	
	TOTAL ASSETS			1,297,861.67
LIABILITIES				
384-200-104	ACCRUED INTEREST PAYALBE	0.00		
384-200-110	CURRENT YEAR ENCUMBRANCE	(4,882,200.24)		
384-200-111	PRIOR YEAR ENCUMBRANCE	3,811,290.83		
384-200-500	ACCOUNTS PAYABLE PENDING	0.00		
384-200-505	DUE TO OTHER FUNDS	0.00		
384-210-101	UNAMORT BOND PREMIUM	35,113.49		
384-230-103	5.44M COMB SERIES 2015(2.66M)	1,330,000.00		
384-230-115	CAPITAL LEASE PAYABLE-CURRENT	0.00		
384-230-120	CAP LEASE PAYABLE-NONCURRENT	145,508.49		
384-230-125	NOTES PAYABLE	1,036,909.12		
384-240-101	ACCRUED INTEREST PAYABLE	23,525.58		
	TOTAL LIABILITIES		1,500,147.27	
EQUITY				
384-270-100	FUND BALANCE	(55,510.98)		
	TOTAL BEGINNING EQUITY	(55,510.98)		
	TOTAL REVENUE	99,062.83		
	TOTAL EXPENSES	245,837.45		
	TOTAL INCREASE/(DECREASE) IN FUND BAL.	(146,774.62)		
	TOTAL EQUITY & FUND BALANCE		(202,285.60)	
	TOTAL LIABILITIES, EQUITY & FUND BALANCE			1,297,861.67

Attachment E

Sales Tax Tracking Report

Sales Tax Tracking (Total Amount) FY 2022-23

	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Actual	2022-23 Estimated Amount	$ Difference from Actual to Est. Amt	% from Actual	$ Difference from Prior Year Amount	% from Pr. Yr. Actual
October	$ 389,538	393,127	468,966	1,023,003	1,184,875	(161,872)	-13.7%	554,037	118.1%
November	422,737	482,805	581,787	1,242,415	1,309,542	(67,127)	-5.1%	660,627	113.6%
December	390,346	404,316	475,711	1,743,702	1,192,328	551,374	46.2%	1,267,991	266.5%
January	356,902	403,476	421,763	1,660,588	1,132,715	527,873	46.6%	1,238,825	293.7%
February	507,733	552,026	678,554	2,494,516	1,361,219	1,133,297	83.3%	1,815,962	267.6%
March	347,808	393,003	503,163		1,222,662				0.0%
April	332,858	391,521	453,235		1,167,492				0.0%
May	457,487	577,092	710,906		1,369,343				0.0%
June	403,305	493,430	612,055		1,342,988				0.0%
July	423,927	442,382	849,121		1,271,236				0.0%
August	514,060	549,608	703,460		1,333,490				0.0%
Sept.	513,651	667,394	867,785		1,271,969				0.0%
	$ 5,060,353	**$ 5,750,182**	**$ 7,326,507**	**$ 8,164,224**	**$ 15,159,859**			**$ 5,537,442**	

Sales Tax Tracking (Taylor EDC Portion) FY 2022-23

	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Actual
October	$ 97,385	$ 98,282	$ 117,242	$ 255,751
November	$ 105,684	$ 120,701	$ 145,447	$ 310,604
December	$ 97,587	$ 101,079	$ 118,928	$ 435,926
January	$ 89,225	$ 100,869	$ 105,441	$ 415,147
February	$ 126,933	$ 138,007	$ 169,639	$ 623,629
March	$ 86,952	$ 98,251	$ 125,791	$ -
April	$ 83,214	$ 97,880	$ 113,309	$ -
May	$ 114,372	$ 144,273	$ 177,727	$ -
June	$ 100,826	$ 123,358	$ 153,014	$ -
July	$ 105,982	$ 110,595	$ 212,280	$ -
August	$ 128,515	$ 137,402	$ 175,865	$ -
Sept.	$ 128,413	$ 166,849	$ 216,946	$ -
	1,265,088	**1,437,546**	**1,831,627**	**2,041,056**

Sales Tax Tracking (City's Portion) FY 2022-23

	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Actual	2022-23 Estimated Op Amount	$ Difference from Actual to Est. Amt	% from Actual	$ Difference from Prior Year Amount	% from Pr. Yr. Actual
October	292,154	294,845	351,725	767,252	888,656	(121,404)	-13.7%	415,528	118.1%
November	317,053	362,104	436,341	931,811	982,157	(50,346)	-5.1%	495,470	113.6%
December	292,760	303,237	356,784	1,307,777	894,246	413,531	46.2%	950,993	266.5%
January	267,676	302,607	316,322	1,245,441	849,536	395,905	46.6%	929,119	293.7%
February	380,800	414,020	508,916	1,870,887	1,020,915	849,973	83.3%	1,361,971	267.6%
March	260,856	294,752	377,372	-	916,996				0.0%
April	249,643	293,641	339,926	-	875,619				0.0%
May	343,115	432,819	533,180	-	1,027,008				0.0%
June	302,478	370,073	459,041	-	1,007,241				0.0%
July	317,946	331,786	636,841	-	953,427				0.0%
August	385,545	412,206	527,595	-	1,000,117				0.0%
Sept.	385,238	500,546	650,839		953,977				0.0%

Cumulative Year -to- Date (City's Portion) FY 2022-23

	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Actual	2022-23 Estimated Op Amount	$ Difference from Actual to Est. Amt	% from Actual	$ Difference from Prior Year Amount	% from Pr. Yr. Actual
October	292,154	294,845	351,725	767,252	888,656	(121,404)	-13.7%	415,528	118.1%
November	609,207	656,949	788,065	1,699,063	1,870,813	(171,749)	-9.2%	910,998	115.6%
December	901,967	960,186	1,144,849	3,006,840	2,765,059	241,781	8.7%	1,861,991	162.6%
January	1,169,643	1,262,794	1,461,171	4,252,281	3,614,595	637,686	17.6%	2,791,110	191.0%
February	1,550,443	1,676,813	1,970,087	6,123,168	4,635,510	1,487,659	32.1%	4,153,082	210.8%
March	1,811,298	1,971,566	2,347,459		5,552,506				0.0%
April	2,060,942	2,265,207	2,687,385		6,428,125				0.0%
May	2,404,057	2,698,026	3,220,565		7,455,132				0.0%
June	2,706,535	3,068,099	3,679,606		8,462,373				0.0%
July	3,024,481	3,399,885	4,316,447		9,415,800				0.0%
August	3,410,026	3,812,091	4,844,041		10,415,917				0.0%
Sept.	3,795,265	4,312,637	5,494,880		11,369,894				0.0%
% Y-T-D Increase over prior year	12.3%	13.6%	27.4%						

Attachment F

Monthly Investment Report



MONTHLY INVESTMENT REPORT

City of Taylor

FEBRUARY 28, 2023

MEEDER

PUBLIC FUNDS
PATTERSON GROUP

How high? How long?

Markets are coming to grips with the idea that the Fed is going to keep moving rates higher until they get inflation under control. The overall modest growth of the economy, tight labor markets and a resilient consumer added to the stubbornly high inflation is showing the Fed that more hikes are not only appropriate but may be necessary to reinstate price stability.

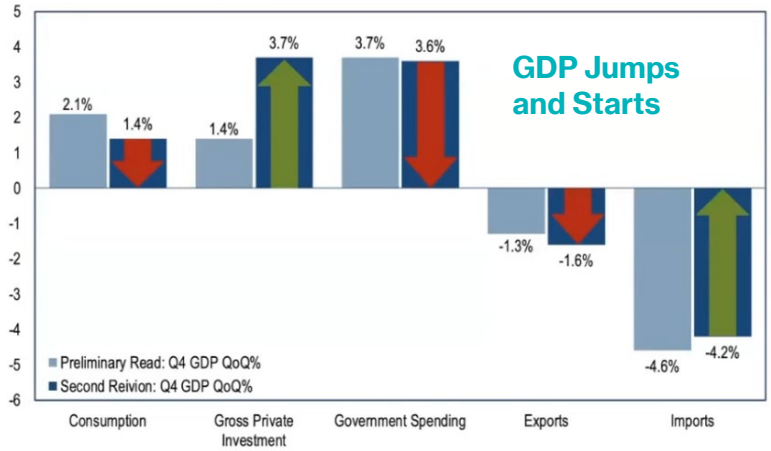
In fact, this month's uptick in economic strength may convince some FOMC voting members that the pace of rate ascent should also re-accelerate. Having come to the inflation fight late they are unlikely to leave too early. There is another meeting in March.

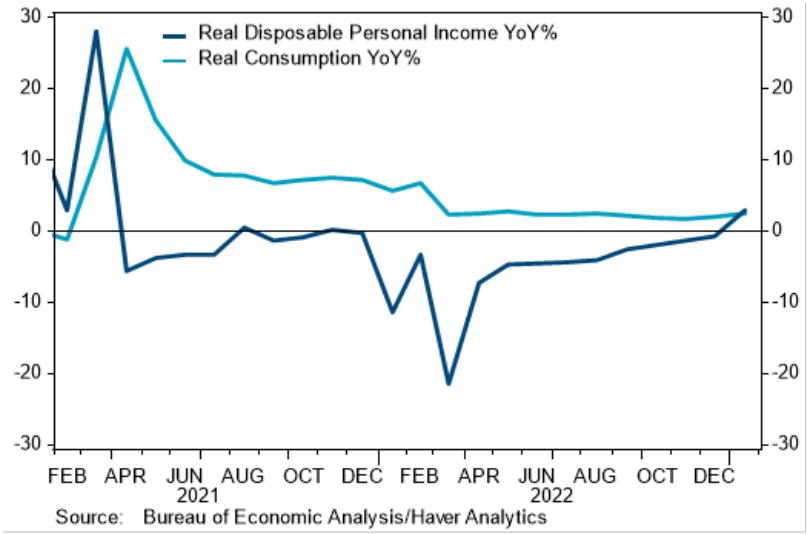
From the Fed's perspective these indicators are showing a modest but steady economy which means that the consumer and business can withstand significantly higher rates.

The economy, as measured by the GDP, has had its fits and starts. The Q4 report showed slowing but the consumer keeps consuming. That consumer activity however is coming from credit card use, maxed out savings and no anticipation of further fiscal stimulus which must eventually reduce the spending.

Real durable goods, a major economic index, dropped measurably in January, the largest drop since April of 2020. While headline orders continue to disappoint underlying the numbers suggest that business investment has improved however giving the Fed more wiggle room to increase rates.

Manufacturing in general has taken the brunt of the hit as consumers not only cut back, but also increasingly shift from goods to services expenditures. The service industry has – as a broader trend – also seen a sizable reduction in activity this year. The picture is hazy and it will require time to find the trajectory.



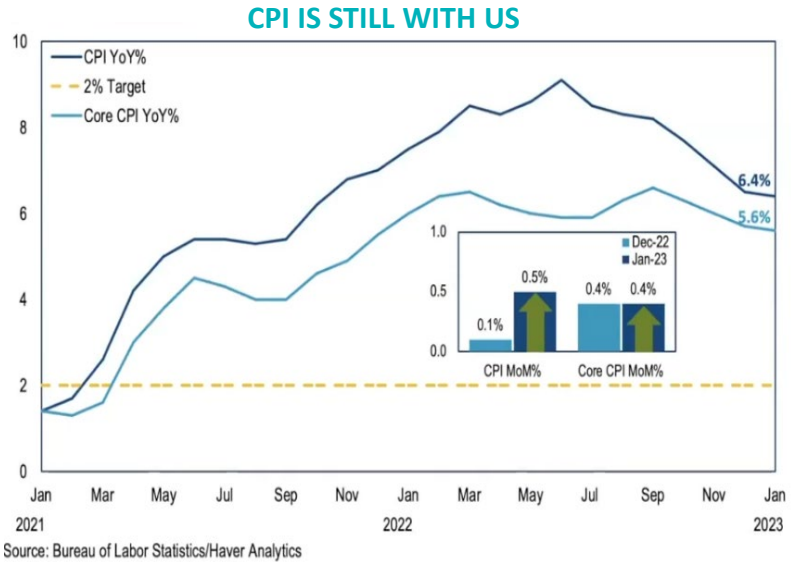


Stubborn Inflation vs Price Stability

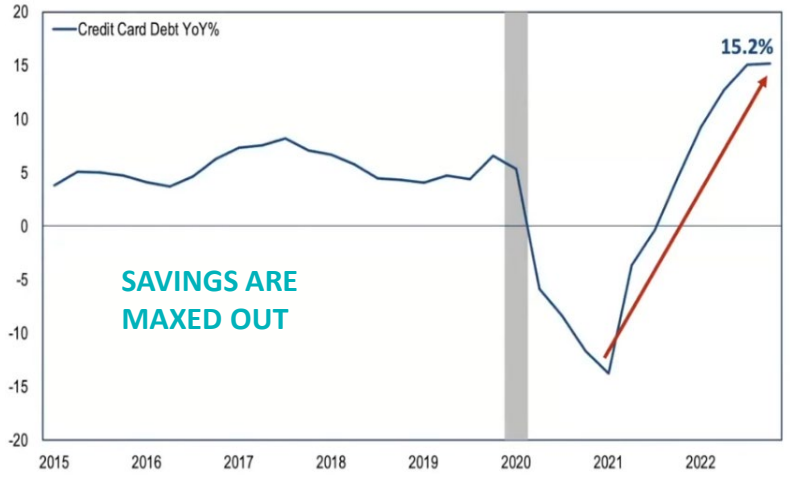
The CPI and PPI clearly remain stubbornly high – especially the PPI. While there is improvement from last month the rate of improvement has slowed, falling short of expectations. The Fed's favorite inflation indicator the PCE (up 0.6%) has reversed its recent downward trend. The Fed needs to slow inflation from peak levels but also assure a continuation of decline back down to a more palatable and sustainable level at the Fed's 2% target. For the Fed, halfway won't cut it. Year-over-year, core inflation increased 4.7% from 4.6% last month.

Energy price concerns are once again taking center stage (along with eggs!). Reacting to global sanctions Moscow is cutting production and raising rates. Thanks to a warmer than usual winter this has saved Europe somewhat. Crude prices pose a sizeable risk to European economies (our trading partners) many of which are teetering on the brink of recession. In the EU, CPI rose 8.6% in January following a 9.2% in December. In the UK inflation is now 10.1% and is likely to continue driving those central banks to higher rates also.

Globally, China is another factor on the road to higher rates. The Chinese government appears to be taking control over exports especially in tech areas and those decisions will be at least partially driven by geo-politics which may raise prices. At least some trade curtailments may help US manufacturers domestically.



Source: Bureau of Labor Statistics/Haver Analytics



Source: FRBNY/Haver Analytics

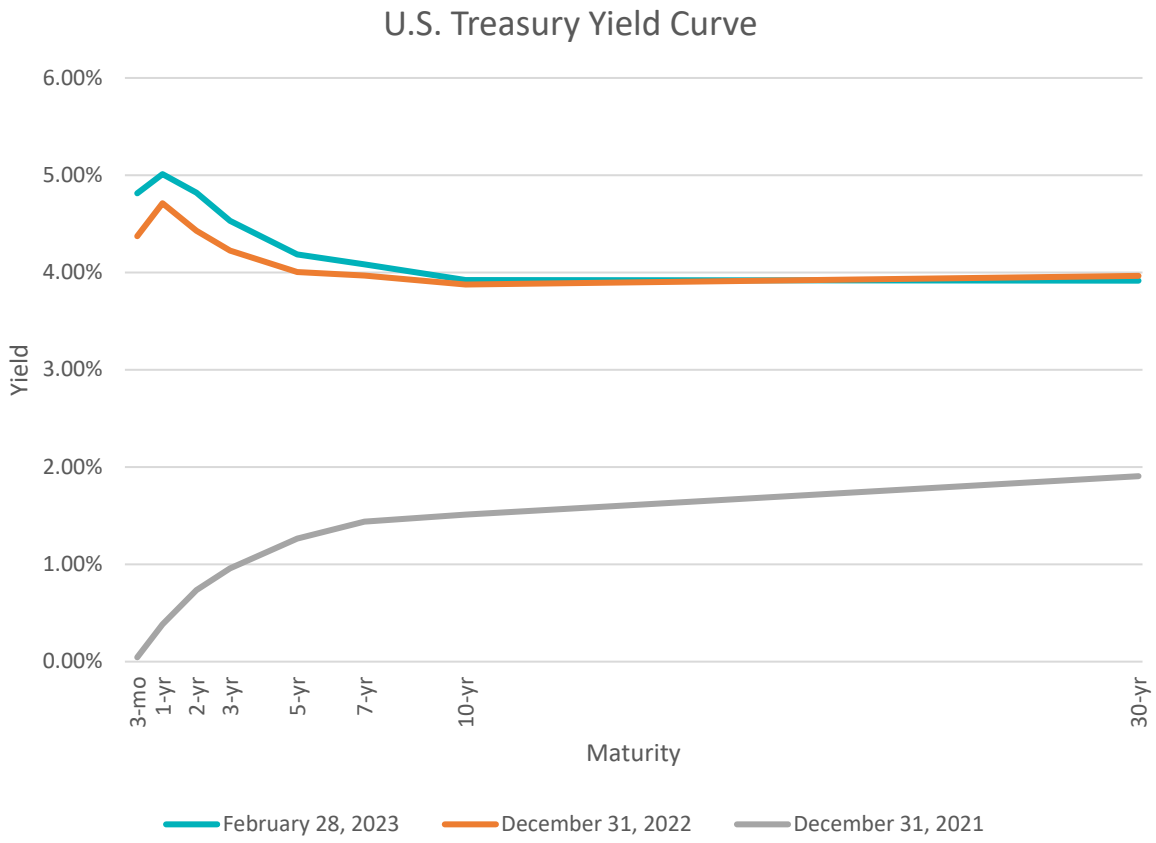
Expectations Drive Rates

The Fed further moderated their pace of rate hikes, giving us only a 0.25% hike on February 2.

The Fed fully concedes that higher rates will slow growth but is willing to take these actions to tame inflation through lessening demand.

Continued inflation within a modestly strong economy may allow the Fed to re-invigorate their hikes however.

There are signs of slightly slowing inflation such as lower rents and a reduced need for workers. Housing however continues to slow amid high mortgage rates. Strapped consumers are struggling not only to make every day nondiscretionary purchases, but also certainly large ticket purchases such as a home. Low home inventory will not allow prices to drop any real degree.



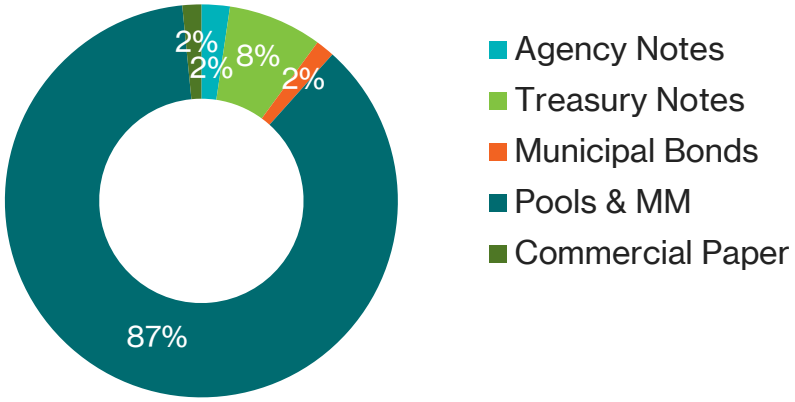
Your Portfolio

As of February 28, 2023

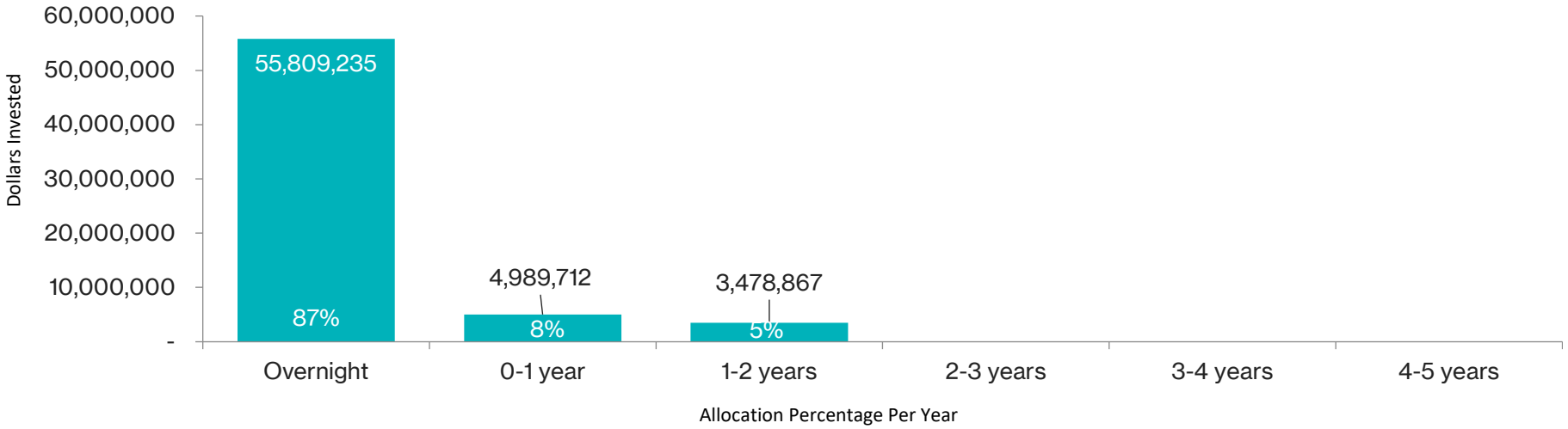
Your Portfolio Statistics

Weighted Average Maturity	0.09 years
Weighted Average Yield (All Funds)	4.26%

Your Asset Allocation



Your Maturity Distribution



MEEDER
PUBLIC FUNDS | PATTERSON GROUP

City of Taylor, Texas
Portfolio Management
Portfolio Summary
February 28, 2023

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 365 Equiv.
Commercial Paper Disc. -Amortizing	1,000,000.00	998,740.00	999,115.00	1.55	235	9	3.733
Federal Agency Coupon Securities	1,500,000.00	1,401,564.84	1,500,000.00	2.33	1,095	526	0.467
Treasury Coupon Securities	5,000,000.00	4,890,088.00	4,969,464.42	7.73	554	233	2.034
Municipal Bonds	1,000,000.00	996,370.00	1,000,000.00	1.56	913	31	0.480
Texpool	23,666,945.83	23,666,945.83	23,666,945.83	36.82	1	1	4.499
TexStar	2,912,929.87	2,912,929.87	2,912,929.87	4.53	1	1	4.492
Texas Class	29,217,125.70	29,217,125.70	29,217,125.70	45.45	1	1	4.758
Money Market	12,233.73	12,233.73	12,233.73	0.02	1	1	0.010
Investments	**64,309,235.13**	**64,095,997.97**	**64,277,814.55**	**100.00%**	**87**	**32**	**4.256**

Total Earnings	February 28 Month Ending	Fiscal Year To Date
Current Year	208,964.48	860,919.46

The following reports are submitted in accordance with the Public Funds Investment Act (Texas Gov't Code 2256). The reports also offer supplemental information not required by the Act in order to fully inform the governing body of the City of Taylor, Texas of the position and activity within the Citty's portfolio of investment. The reports include a management summary overview, a detailed inventory report for the end of the period, a transaction report, as well as graphic represenataions of the portfolio to provide full disclosure to the governing body.

_____ _____
Jeffrey Wood, Finance Director

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

City of Taylor, Texas
Summary by Type
February 28, 2023
Grouped by Fund

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

Security Type	Number of Investments	Par Value	Book Value	% of Portfolio	Average YTM 365	Average Days to Maturity
Fund: 2019 Bond Fund						
TexStar	1	1,113,096.73	1,113,096.73	1.73	4.492	1
Subtotal	**1**	**1,113,096.73**	**1,113,096.73**	**1.73**	**4.492**	**1**
Fund: 2022 Debt Non-Tax Supported						
Texas Class	1	9,050,834.23	9,050,834.23	14.08	4.758	1
Subtotal	**1**	**9,050,834.23**	**9,050,834.23**	**14.08**	**4.758**	**1**
Fund: 2022 Debt Tax Supported						
Texas Class	1	10,349,582.89	10,349,582.89	16.10	4.758	1
Subtotal	**1**	**10,349,582.89**	**10,349,582.89**	**16.10**	**4.758**	**1**
Fund: 2022 Tax Supported Limited Tax						
Texas Class	1	5,370,559.04	5,370,559.04	8.36	4.757	1
Subtotal	**1**	**5,370,559.04**	**5,370,559.04**	**8.36**	**4.757**	**1**
Fund: Airport Fund						
Texpool	1	959,861.10	959,861.10	1.49	4.499	1
Subtotal	**1**	**959,861.10**	**959,861.10**	**1.49**	**4.499**	**1**
Fund: Cemetery Permanent Fund						
Federal Agency Coupon Securities	1	1,000,000.00	1,000,000.00	1.56	0.500	546
Texas Class	1	889.42	889.42	0.00	4.758	1
Texpool	1	369.36	369.36	0.00	4.499	1
TexStar	1	57,731.62	57,731.62	0.09	4.492	1
Subtotal	**4**	**1,058,990.40**	**1,058,990.40**	**1.65**	**0.723**	**516**
Fund: Fleet Replacement Fund						
TexStar	1	222,943.84	222,943.84	0.35	4.492	1
Subtotal	**1**	**222,943.84**	**222,943.84**	**0.35**	**4.492**	**1**

City of Taylor, Texas
Summary by Type
February 28, 2023
Grouped by Fund

Security Type	Number of Investments	Par Value	Book Value	% of Portfolio	Average YTM 365	Average Days to Maturity
Fund: General Fund						
Money Market	1	12,233.73	12,233.73	0.02	0.010	1
Federal Agency Coupon Securities	1	500,000.00	500,000.00	0.78	0.400	485
Municipal Bonds	1	1,000,000.00	1,000,000.00	1.56	0.480	31
Treasury Coupon Securities	5	5,000,000.00	4,969,464.42	7.73	2.034	233
Texas Class	1	3,396,805.23	3,396,805.23	5.28	4.757	1
Texpool	1	21,242,496.49	21,242,496.49	33.05	4.499	1
TexStar	1	1,519,157.68	1,519,157.68	2.36	4.492	1
Commercial Paper Disc. -Amortizing	1	1,000,000.00	999,115.00	1.55	3.733	9
Subtotal	**12**	**33,670,693.13**	**33,639,272.55**	**52.33**	**3.956**	**44**
Fund: General Capital Fund						
TexStar	1	0.00	0.00	0.00	0.000	0
Subtotal	**1**	**0.00**	**0.00**	**0.00**	**0.000**	**0**
Fund: Special Rev-Tax Increment Fund						
Texpool	1	242,394.55	242,394.55	0.38	4.499	1
Subtotal	**1**	**242,394.55**	**242,394.55**	**0.38**	**4.499**	**1**
Fund: Utility Fund						
Texas Class	1	1,048,454.89	1,048,454.89	1.63	4.758	1
Texpool	1	1,221,824.33	1,221,824.33	1.90	4.499	1
Subtotal	**2**	**2,270,279.22**	**2,270,279.22**	**3.53**	**4.618**	**1**
Total and Average	**26**	**64,309,235.13**	**64,277,814.55**	**100.00**	**4.256**	**32**

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

City of Taylor, Texas
Fund 19BOND - 2019 Bond Fund
Investments by Fund
February 28, 2023

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
TexStar										
20190	10044	TexStar	04/24/2019	1,113,096.73	1,113,096.73	1,113,096.73	4.492	4.430	4.491	1
			Subtotal and Average	**1,113,096.73**	**1,113,096.73**	**1,113,096.73**		**4.430**	**4.492**	**1**
			Total Investments and Average	**1,113,096.73**	**1,113,096.73**	**1,113,096.73**		**4.430**	**4.492**	**1**

Fund 22DNTS - 2022 Debt Non-Tax Supported
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texas Class										
70010	10063	Texas Class	03/29/2022	9,050,834.23	9,050,834.23	9,050,834.23	4.758	4.692	4.757	1
		Subtotal and Average		**9,050,834.23**	**9,050,834.23**	**9,050,834.23**		**4.692**	**4.758**	**1**
		Total Investments and Average		**9,050,834.23**	**9,050,834.23**	**9,050,834.23**		**4.692**	**4.758**	**1**

Fund 22DTS - 2022 Debt Tax Supported
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texas Class										
70009	10062	Texas Class	03/29/2022	10,349,582.89	10,349,582.89	10,349,582.89	4.758	4.692	4.757	1
		Subtotal and Average		**10,349,582.89**	**10,349,582.89**	**10,349,582.89**		**4.692**	**4.758**	**1**
		Total Investments and Average		**10,349,582.89**	**10,349,582.89**	**10,349,582.89**		**4.692**	**4.758**	**1**

Fund 22TAX - 2022 Tax Supported Limited Tax
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texas Class										
70011	10069	Texas Class	09/01/2022	5,370,559.04	5,370,559.04	5,370,559.04	4.758	4.692	4.757	1
		Subtotal and Average		**5,370,559.04**	**5,370,559.04**	**5,370,559.04**		**4.692**	**4.758**	**1**
		Total Investments and Average		**5,370,559.04**	**5,370,559.04**	**5,370,559.04**		**4.692**	**4.758**	**1**

Fund AIR - Airport Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texpool										
300019	10007	Texpool	11/01/2017	959,861.10	959,861.10	959,861.10	4.499	4.437	4.499	1
			Subtotal and Average	**959,861.10**	**959,861.10**	**959,861.10**		**4.437**	**4.499**	**1**
			Total Investments and Average	**959,861.10**	**959,861.10**	**959,861.10**		**4.437**	**4.499**	**1**

Fund CEM - Cemetery Permanent Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Date	Days To Maturity
Federal Agency Coupon Securities											
3130ANNS5	10058	FHLB Call Note	08/30/2021	1,000,000.00	1,000,000.00	932,485.23	0.500	0.493	0.500	08/28/2024	546
		Subtotal and Average		**1,000,000.00**	**1,000,000.00**	**932,485.23**		**0.493**	**0.500**		**546**
Texpool											
300007	10008	Texpool	11/01/2017	369.36	369.36	369.36	4.499	4.437	4.499		1
		Subtotal and Average		**369.36**	**369.36**	**369.36**		**4.437**	**4.499**		**1**
TexStar											
22880	10003	TexStar	11/01/2017	57,731.62	57,731.62	57,731.62	4.492	4.430	4.491		1
		Subtotal and Average		**57,731.62**	**57,731.62**	**57,731.62**		**4.430**	**4.492**		**1**
Texas Class											
70006	10001	Texas Class	11/01/2017	889.42	889.42	889.42	4.758	4.692	4.757		1
		Subtotal and Average		**889.42**	**889.42**	**889.42**		**4.692**	**4.758**		**1**
		Total Investments and Average		**1,058,990.40**	**1,058,990.40**	**991,475.63**		**0.713**	**0.723**		**515**

Fund FLEET - Fleet Replacement Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
TexStar										
20180	10030	TexStar	08/08/2018	222,943.84	222,943.84	222,943.84	4.492	4.430	4.491	1
			Subtotal and Average	**222,943.84**	**222,943.84**	**222,943.84**		**4.430**	**4.492**	**1**
			Total Investments and Average	**222,943.84**	**222,943.84**	**222,943.84**		**4.430**	**4.492**	**1**

Fund GEN - General Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Date	Days To Maturity
Commercial Paper Disc. -Amortizing											
8923A1QA2	10068	Toyota Credit Puerto Rico CP	07/18/2022	999,115.00	1,000,000.00	998,740.00		3.681	3.732	03/10/2023	9
		Subtotal and Average		**999,115.00**	**1,000,000.00**	**998,740.00**		**3.681**	**3.733**		**9**
Federal Agency Coupon Securities											
3130AMT85	10056	FHLB Call Note	06/28/2021	500,000.00	500,000.00	469,079.61	0.400	0.394	0.400	06/28/2024	485
		Subtotal and Average		**500,000.00**	**500,000.00**	**469,079.61**		**0.395**	**0.400**		**485**
Treasury Coupon Securities											
91282CCK5	10059	T Note	03/18/2022	995,293.59	1,000,000.00	984,023.00	0.125	1.540	1.561	06/30/2023	121
912828ZD5	10060	T Note	03/18/2022	999,694.84	1,000,000.00	998,395.00	0.500	1.285	1.303	03/15/2023	14
912828XT2	10061	T Note	03/28/2022	997,170.70	1,000,000.00	962,266.00	2.000	2.201	2.232	05/31/2024	457
91282CCD1	10064	T Note	04/18/2022	995,608.92	1,000,000.00	988,138.00	0.125	1.886	1.913	05/31/2023	91
9128286Z8	10066	T Note	06/21/2022	981,696.37	1,000,000.00	957,266.00	1.750	3.135	3.178	06/30/2024	487
		Subtotal and Average		**4,969,464.42**	**5,000,000.00**	**4,890,088.00**		**2.006**	**2.034**		**233**
Municipal Bonds											
59333NN90	10053	Maimi-Dade County FL	09/30/2020	1,000,000.00	1,000,000.00	996,370.00	0.375	0.473	0.480	04/01/2023	31
		Subtotal and Average		**1,000,000.00**	**1,000,000.00**	**996,370.00**		**0.473**	**0.480**		**31**
Texpool											
300003	10004	Texpool	11/01/2017	21,242,496.49	21,242,496.49	21,242,496.49	4.499	4.437	4.499		1
		Subtotal and Average		**21,242,496.49**	**21,242,496.49**	**21,242,496.49**		**4.437**	**4.499**		**1**
TexStar											
34440	10002	TexStar	11/01/2017	1,519,157.68	1,519,157.68	1,519,157.68	4.492	4.430	4.491		1
		Subtotal and Average		**1,519,157.68**	**1,519,157.68**	**1,519,157.68**		**4.430**	**4.492**		**1**
Texas Class											
70008	10048	Texas Class	01/22/2020	3,396,805.23	3,396,805.23	3,396,805.23	4.758	4.692	4.757		1
		Subtotal and Average		**3,396,805.23**	**3,396,805.23**	**3,396,805.23**		**4.692**	**4.758**		**1**
Money Market											
60618	10000	Citizens Nat'l Bank MM-Public	11/01/2017	12,233.73	12,233.73	12,233.73	0.010	0.009	0.010		1

Fund GEN - General Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
			Subtotal and Average	**12,233.73**	**12,233.73**	**12,233.73**		**0.010**	**0.010**	**1**
			Total Investments and Average	**33,639,272.55**	**33,670,693.13**	**33,524,970.74**		**3.902**	**3.956**	**43**

Fund GENCAP - General Capital Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
TexStar										
20181	10029	TexStar	08/08/2018	0.00	0.00	0.00				1
			Subtotal and Average	**0.00**	**0.00**	**0.00**		**0.000**	**0.000**	**0**
			Total Investments and Average	**0.00**	**0.00**	**0.00**		**0.000**	**0.000**	**0**

Fund SPECREV - Special Rev-Tax Increment Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texpool										
300004	10005	Texpool	11/01/2017	242,394.55	242,394.55	242,394.55	4.499	4.437	4.499	1
			Subtotal and Average	**242,394.55**	**242,394.55**	**242,394.55**		**4.437**	**4.499**	**1**
			Total Investments and Average	**242,394.55**	**242,394.55**	**242,394.55**		**4.437**	**4.499**	**1**

Fund UTIL - Utility Fund
Investments by Fund
February 28, 2023

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texpool										
300001	10006	Texpool	11/01/2017	1,221,824.33	1,221,824.33	1,221,824.33	4.499	4.437	4.499	1
			Subtotal and Average	**1,221,824.33**	**1,221,824.33**	**1,221,824.33**		**4.437**	**4.499**	**1**
Texas Class										
70007	10047	Texas Class	01/22/2020	1,048,454.89	1,048,454.89	1,048,454.89	4.758	4.692	4.757	1
			Subtotal and Average	**1,048,454.89**	**1,048,454.89**	**1,048,454.89**		**4.692**	**4.758**	**1**
			Total Investments and Average	**2,270,279.22**	**2,270,279.22**	**2,270,279.22**		**4.555**	**4.618**	**1**

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

City of Taylor, Texas
Cash Reconciliation Report
For the Period February 1, 2023 - February 28, 2023
Grouped by Fund

Trans. Date	Investment #	Fund	Trans. Type	Security ID	Par Value	Security Description	Maturity Date	Purchases	Interest	Redemptions	Cash
Cemetery Permanent Fund											
02/28/2023	10058	CEM	Interest	3130ANNS5	1,000,000.00	FHLBC 1.0M 0.50% Mat. 08/28/2024	08/28/2024	0.00	2,500.00	0.00	2,500.00
							Subtotal	**0.00**	**2,500.00**	**0.00**	**2,500.00**
General Fund											
02/17/2023	10067	GEN	Maturity	22533UPH0	1,000,000.00	CREDAG 1.0M 0.00% Mat.	02/17/2023	0.00	0.00	1,000,000.00	1,000,000.00
							Subtotal	**0.00**	**0.00**	**1,000,000.00**	**1,000,000.00**
							Total	**0.00**	**2,500.00**	**1,000,000.00**	**1,002,500.00**

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

City of Taylor, Texas
Maturity Report
Sorted by Maturity Date
Receipts during February 1, 2023 - February 28, 2023

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

CUSIP	Investment #	Fund	Sec. Type	Issuer	Par Value	Maturity Date	Purchase Date	Rate at Maturity	Book Value at Maturity	Interest	Maturity Proceeds	Net Income
22533UPH0	10067	GEN	ACP	CREDAG	1,000,000.00	02/17/2023	07/18/2022		1,000,000.00	0.00	1,000,000.00	0.00
			Total Maturities		**1,000,000.00**				**1,000,000.00**	**0.00**	**1,000,000.00**	**0.00**

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

City of Taylor, Texas
Interest Earnings
Sorted by Fund - Fund
February 1, 2023 - February 28, 2023
Period Yield on Average Book Value

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

CUSIP	Investment #	Fund	Security Type	Ending Par Value	Beginning Book Value	Average Book Value	Maturity Date	Current Rate	Yield This Period	Adjusted Interest Earnings: Interest Earned	Adjusted Interest Earnings: Amortization/ Accretion	Adjusted Interest Earnings: Adjusted Interest Earnings
Fund: 2019 Bond Fund												
20190	10044	19BOND	RR2	1,113,096.73	1,109,274.32	1,109,410.83		4.492	4.491	3,822.41	0.00	3,822.41
			Subtotal	**1,113,096.73**	**1,109,274.32**	**1,109,410.83**			**0.345**	**3,822.41**	**0.00**	**3,822.41**
Fund: 2022 Debt Non-Tax Supported												
70010	10063	22DNTS	RR3	9,050,834.23	9,143,000.09	9,090,420.85		4.758	4.774	33,293.50	0.00	33,293.50
			Subtotal	**9,050,834.23**	**9,143,000.09**	**9,090,420.85**			**0.366**	**33,293.50**	**0.00**	**33,293.50**
Fund: 2022 Debt Tax Supported												
70009	10062	22DTS	RR3	10,349,582.89	10,895,153.03	10,645,930.50		4.758	4.802	39,217.19	0.00	39,217.19
			Subtotal	**10,349,582.89**	**10,895,153.03**	**10,645,930.50**			**0.368**	**39,217.19**	**0.00**	**39,217.19**
Fund: 2022 Tax Supported Limited Tax												
70011	10069	22TAX	RR3	5,370,559.04	5,350,996.78	5,351,695.43		4.758	4.765	19,562.26	0.00	19,562.26
			Subtotal	**5,370,559.04**	**5,350,996.78**	**5,351,695.43**			**0.366**	**19,562.26**	**0.00**	**19,562.26**
Fund: Airport Fund												
300019	10007	AIR	RRP	959,861.10	956,559.69	956,677.60		4.499	4.499	3,301.41	0.00	3,301.41
			Subtotal	**959,861.10**	**956,559.69**	**956,677.60**			**0.345**	**3,301.41**	**0.00**	**3,301.41**
Fund: Cemetery Permanent Fund												
300007	10008	CEM	RRP	369.36	367.98	368.03		4.499	4.888	1.38	0.00	1.38
70006	10001	CEM	RR3	889.42	886.14	886.26		4.758	4.824	3.28	0.00	3.28
22880	10003	CEM	RR2	57,731.62	57,533.37	57,540.45		4.492	4.491	198.25	0.00	198.25
3130ANNS5	10058	CEM	FAC	1,000,000.00	1,000,000.00	1,000,000.00	08/28/2024	0.500	0.543	416.67	0.00	416.67
			Subtotal	**1,058,990.40**	**1,058,787.49**	**1,058,794.74**			**0.059**	**619.58**	**0.00**	**619.58**
Fund: Fleet Replacement Fund												
20180	10030	FLEET	RR2	222,943.84	222,178.25	222,205.59		4.492	4.491	765.59	0.00	765.59

CUSIP	Investment #	Fund	Security Type	Ending Par Value	Beginning Book Value	Average Book Value	Maturity Date	Current Rate	Yield This Period	Adjusted Interest Earnings: Interest Earned	Adjusted Interest Earnings: Amortization/ Accretion	Adjusted Interest Earnings: Adjusted Interest Earnings
			Subtotal	**222,943.84**	**222,178.25**	**222,205.59**			**0.345**	**765.59**	**0.00**	**765.59**
Fund: General Fund												
912828XT2	10061	GEN	TRC	1,000,000.00	996,997.35	997,087.12	05/31/2024	2.000	2.238	1,538.46	173.35	1,711.81
91282CCK5	10059	GEN	TRC	1,000,000.00	994,204.51	994,768.50	06/30/2023	0.125	1.554	96.68	1,089.08	1,185.76
91282CCD1	10064	GEN	TRC	1,000,000.00	994,257.81	994,957.49	05/31/2023	0.125	1.896	96.15	1,351.11	1,447.26
9128286Z8	10066	GEN	TRC	1,000,000.00	980,644.00	981,188.98	06/30/2024	1.750	3.196	1,353.59	1,052.37	2,405.96
912828ZD5	10060	GEN	TRC	1,000,000.00	999,084.51	999,400.57	03/15/2023	0.500	1.301	386.74	610.33	997.07
300003	10004	GEN	RRP	21,242,496.49	18,097,054.48	20,114,385.32		4.499	4.500	69,443.51	0.00	69,443.51
70008	10048	GEN	RR3	3,396,805.23	3,384,432.36	3,384,874.25		4.758	4.765	12,372.87	0.00	12,372.87
60618	10000	GEN	RR4	12,233.73	12,233.64	12,233.64		0.010	0.010	0.09	0.00	0.09
34440	10002	GEN	RR2	1,519,157.68	1,513,940.81	1,514,127.13		4.492	4.491	5,216.87	0.00	5,216.87
3130AMT85	10056	GEN	FAC	500,000.00	500,000.00	500,000.00	06/28/2024	0.400	0.435	166.67	0.00	166.67
59333NN90	10053	GEN	MC1	1,000,000.00	1,000,000.00	1,000,000.00	04/01/2023	0.375	0.376	288.46	0.00	288.46
22533UPH0	10067	GEN	ACP	0.00	998,462.22	571,016.67	02/17/2023		3.511	0.00	1,537.78	1,537.78
8923A1QA2	10068	GEN	ACP	1,000,000.00	996,361.67	997,787.50	03/10/2023		3.597	0.00	2,753.33	2,753.33
			Subtotal	**33,670,693.13**	**31,467,673.36**	**33,061,827.16**			**0.301**	**90,960.09**	**8,567.35**	**99,527.44**
Fund: Special Rev-Tax Increment Fund												
300004	10005	SPECREV	RRP	242,394.55	241,560.84	241,590.62		4.499	4.499	833.71	0.00	833.71
			Subtotal	**242,394.55**	**241,560.84**	**241,590.62**			**0.345**	**833.71**	**0.00**	**833.71**
Fund: Utility Fund												
300001	10006	UTIL	RRP	1,221,824.33	1,217,621.94	1,217,772.03		4.499	4.498	4,202.39	0.00	4,202.39
70007	10047	UTIL	RR3	1,048,454.89	1,044,635.89	1,044,772.28		4.758	4.765	3,819.00	0.00	3,819.00
			Subtotal	**2,270,279.22**	**2,262,257.83**	**2,262,544.31**			**0.355**	**8,021.39**	**0.00**	**8,021.39**
			Total	**64,309,235.13**	**62,707,441.68**	**64,001,097.63**			**0.327**	**200,397.13**	**8,567.35**	**208,964.48**

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

City of Taylor, Texas
Amortization Schedule
February 1, 2023 - February 28, 2023
Sorted By Fund - Fund

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

Investment # / Issuer	Fund	Maturity Date / Amort. Date	Beginning Par Value / Current Rate	Purchase Principal	Original Premium or Discount	Ending Book Value	Amounts Amortized And Unamortized As of 02/01/2023	Amount Amortized This Period	Amt Amortized Through 02/28/2023	Amount Unamortized Through 02/28/2023
General Fund										
10067 Credit Agricole CP	GEN	02/17/2023	1,000,000.00	979,432.22	-20,567.78	0.00	19,030.00 -1,537.78	1,537.78	20,567.78	0.00
10053 Maimi-Dade County FL	GEN	04/01/2023 10/01/2021	1,000,000.00 0.375	997,390.00	-2,610.00	1,000,000.00	2,610.00 0.00	0.00	2,610.00	0.00
10059 T Note	GEN	06/30/2023	1,000,000.00 0.125	981,757.81	-18,242.19	995,293.59	12,446.70 -5,795.49	1,089.08	13,535.78	-4,706.41
10060 T Note	GEN	03/15/2023	1,000,000.00 0.500	992,109.38	-7,890.62	999,694.84	6,975.13 -915.49	610.33	7,585.46	-305.16
10061 T Note	GEN	05/31/2024	1,000,000.00 2.000	995,078.13	-4,921.87	997,170.70	1,919.22 -3,002.65	173.35	2,092.57	-2,829.30
10064 T Note	GEN	05/31/2023	1,000,000.00 0.125	980,312.50	-19,687.50	995,608.92	13,945.31 -5,742.19	1,351.11	15,296.42	-4,391.08
10066 T Note	GEN	06/30/2024	1,000,000.00 1.750	972,187.50	-27,812.50	981,696.37	8,456.50 -19,356.00	1,052.37	9,508.87	-18,303.63
10068 Toyota Credit Puerto Rico CP	GEN	03/10/2023	1,000,000.00	976,891.67	-23,108.33	999,115.00	19,470.00 -3,638.33	2,753.33	22,223.33	-885.00
			Subtotal	**7,875,159.21**	**-124,840.79**	**6,968,579.42**	**84,852.86** **-39,987.93**	**8,567.35**	**93,420.21**	**-31,420.58**
			Total	**7,875,159.21**	**-124,840.79**	**6,968,579.42**	**84,852.86** **-39,987.93**	**8,567.35**	**93,420.21**	**-31,420.58**

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

City of Taylor, Texas
Projected Cashflow Report
Sorted by Monthly
For the Period March 1, 2023 - September 30, 2023

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

Projected Trans. Date	Investment #	Fund	Security ID	Transaction Type	Issuer	Par Value	Original Cost	Principal	Interest	Total
March 2023										
03/10/2023	10068	GEN	8923A1QA2	Maturity	Toyota Credit Puerto Rico CP	1,000,000.00	976,891.67	1,000,000.00	0.00	1,000,000.00
03/15/2023	10060	GEN	912828ZD5	Maturity	T Note	1,000,000.00	992,109.38	1,000,000.00	2,500.00	1,002,500.00
03/28/2023	10056	GEN	3130AMT85	Call	FHLB Call Note	500,000.00	500,000.00	500,000.00	0.00	500,000.00
					Total for March 2023	**2,500,000.00**	**2,469,001.05**	**2,500,000.00**	**2,500.00**	**2,502,500.00**
April 2023										
04/01/2023	10053	GEN	59333NN90	Maturity	Maimi-Dade County FL	1,000,000.00	997,390.00	1,000,000.00	1,875.00	1,001,875.00
					Total for April 2023	**1,000,000.00**	**997,390.00**	**1,000,000.00**	**1,875.00**	**1,001,875.00**
May 2023										
05/28/2023	10058	CEM	3130ANNS5	Call	FHLB Call Note	1,000,000.00	1,000,000.00	1,000,000.00	0.00	1,000,000.00
05/31/2023	10061	GEN	912828XT2	Interest	T Note	0.00	0.00	0.00	10,000.00	10,000.00
05/31/2023	10064	GEN	91282CCD1	Maturity	T Note	1,000,000.00	980,312.50	1,000,000.00	625.00	1,000,625.00
					Total for May 2023	**2,000,000.00**	**1,980,312.50**	**2,000,000.00**	**10,625.00**	**2,010,625.00**
June 2023										
06/28/2023	10056	GEN	3130AMT85	Interest	FHLB Call Note	0.00	0.00	0.00	1,000.00	1,000.00
06/30/2023	10059	GEN	91282CCK5	Maturity	T Note	1,000,000.00	981,757.81	1,000,000.00	625.00	1,000,625.00
06/30/2023	10066	GEN	9128286Z8	Interest	T Note	0.00	0.00	0.00	8,750.00	8,750.00
					Total for June 2023	**1,000,000.00**	**981,757.81**	**1,000,000.00**	**10,375.00**	**1,010,375.00**
August 2023										
08/28/2023	10058	CEM	3130ANNS5	Interest	FHLB Call Note	0.00	0.00	0.00	2,500.00	2,500.00
					Total for August 2023	**0.00**	**0.00**	**0.00**	**2,500.00**	**2,500.00**
					GRAND TOTALS:	**6,500,000.00**	**6,428,461.36**	**6,500,000.00**	**27,875.00**	**6,527,875.00**

Disclosures

Meeder Public Funds, Inc., is a registered investment adviser with the Securities and Exchange Commission (SEC) under the Investment Advisers Act of 1940. Registration with the SEC does not imply a certain level of skill or training. The opinions expressed in this presentation are those of Meeder Public Funds, Inc. The material presented has been derived from sources considered to be reliable, but the accuracy and completeness cannot be guaranteed.

Meeder provides monthly statements for its investment management clients to provide information about the investment portfolio. The information should not be used for audit or confirmation purposes. Please review your custodial statements and report any inaccuracies or discrepancies.

Certain information and data have been supplied by unaffiliated third parties. Although Meeder believes the information is reliable, it cannot warrant the accuracy of information offered by third parties. Market value may reflect prices received from pricing vendors when current market quotations are not available. Prices may not reflect firm bids or offers and may differ from the value at which the security can be sold.

Statements may include positions from unmanaged accounts provided for reporting purposes. Unmanaged accounts are managed directly by the client and are not included in the accounts managed by the investment adviser. This information is provided as a client convenience and the investment adviser assumes no responsibility for performance of these accounts or the accuracy of the data reported.

Investing involves risk. Past performance is no guarantee of future results. Debt and fixed income securities are subject to credit and interest rate risk. The investment return and principal value of an investment will fluctuate so that an investors shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted.

Investment advisory services are provided through Meeder Public Funds, Inc. Please contact us if you would like to receive a copy of our current ADV disclosure brochure or privacy policy.

Meeder Public Funds
Patterson Group

Barton Oaks Plaza II
901 S. MoPac Expy
Suite 195
Austin, Texas
78746

800.817.2442

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☒ Streets/Infrastructure
☒ Quality of Life
☒ Economic Vitality

Agenda Item #: 5

Agenda Title: **Consider Ordinance 2023-15 regarding PZ-2023-1629 a request to amend the Future Land Use Map to redesignate a portion of the property from Market Center: Community to Employment Center: Community on property described as 39.85 acres of land generally located at 1103 Carlos G. Parker Blvd.**

Council Action to be taken: Consider adopting Ordinance

Department Submitted: Development Services

Staff Contact: Tom Yantis, Assistant City Manager

1. PURPOSE/DESCRIPTION

The purpose of the amendment to the Future Land Use map within the Comprehensive Plan will allow for a combination of Market Center: Community and Employment Center: Community to occupy the property generally located at 1103 Carlos G. Parker.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The subject property is currently identified as Market Center: Community within the Future Land Use map. The applicant is requesting to redesignate approximately 25 acres of the subject property from Market Center: Community to Employment Center: Community. The redesignation from Employment Center: Community will continue to meet the Comprehensive Plan's intent for infill growth to occur while also assisting with the transition from residential to market center uses and lastly employment center.

Existing residential properties abut the subject property from north to south on the eastern property line. It is the existence of residential properties abutting the subject site that have encouraged a portion of the property to remain Market Center: Community to create a transition from land uses and ensure neighborhood harmony. The Market Center land use is focused on retail destinations, while the Employment Center land use prioritizes office and industrial uses. Both designations encouraged mixed-uses and intend to support local residential communities.

3. PROS and CONS

PROS	CONS
• Ensures the Comprehensive Plan remains current and reflects changes that have occurred since the plan's adoption. • Adds an increase in job availability to the Taylor market. • Development on the subject property will utilize existing utility infrastructure. • Proposes an ideal location for Industrial type uses. Subject property is near other Employment Center designations. • Encourages transitional land uses from neighborhood to retail to industrial.	• N/A

4. RECOMMENDATION

At their March 14, 2023, meeting the Planning and Zoning Commission recommended approval to the City Council for the proposed Future Land Use map amendment.

5. FUNDING SOURCE

N/A

6. TIMELINE

Planning and Zoning Commission public hearing and recommendation – March 14, 2023

City Council public hearing and ordinance introduction – March 23, 2023

City Council consideration of ordinance approval – April 13, 2023.

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

5a. Staff Report
5b. Letter of Intent from Applicant
5c. Growth Sectors Map
5d. Existing Future Land Use Map
5e. Proposed Future Land Use Map

5f. Zoning Map
5g. Notice Area Map
5h. Ordinance 2023-15
    a. Exhibit A – Survey and Legal Description
    b. Exhibit B – Propose Future Land Use Map
5i. PowerPoint Presentation

City of Taylor
PZ-2023-1629
Comprehensive Plan Amendment – Future Land Use Designation
Staff Report

Item Details

Subject Property:	1103 Carlos G. Parker Blvd.
Total Acreage:	Approximately 39.85 acres
Legal Description:	39.85 acres part of and out of the H.G. Johnson Survey, Abstract No. 348, and W.R. Williams Survey, Abstract No. 665.
Applicant:	Karen Wunsch, Masterplan
Property Owners:	Kevin Curtin, Fred Coulson, and Carolyn Ellspermann, Taylor CPB Property, LLC
Request:	A request to amend the Future Land Use Plan to redesignate a portion of the property from Market Center: Community to Employment Center: Community.
Case History:	This is the first hearing of this request.

Overview of Applicant's Request & Background

The subject property is generally located at 1103 Carlos G. Parker Blvd., at the intersection of Carlos G. Parker Blvd. NW and W. Lake Drive. A portion of the property is developed with a 328,700 square foot office warehouse facility constructed in 1983.

Existing residential properties abut the subject property from north to south on the eastern property line. It is the existence of residential properties abutting the subject site that have encouraged a portion of the property to remain Market Center: Community to create a transition from land uses and ensure neighborhood harmony. To the west is the ERCOT campus with the Taylor Municipal Airport just on the other side (approximately a quarter mile west of the subject property).

Through the letter of intent, the applicant explained that the property owners have plans to subdivide the subject property in preparation for infill development.

The approximate intended area for redesignation to Employment Center: Community is from Carlos G. Parker Blvd. on the west, W. Lake Dr to the north, the property line to the east, and to the existing built driveway to the south. This area would encompass approximately 20 acres on the north side of the subject property.

Location:

The subject property is located on the west side of the City at 1103 Carlos G. Parker Blvd., just north of the interchange between Carlos G. Parker Blvd. Loop and US 79/W 2nd Street. Nearest the intersection of Carlos G. Parker Blvd. NW and W. Lake Drive.

Physical and Natural Features:
There is a large industrial/warehouse single-story building on the property. The subject property is relatively flat and is not situated within a floodplain. There are ditches/trenches along the front and south side of the building to handle drainage.

Growth Sector Designations:
The subject property is located within the Infill Growth Sector. The Infill Growth Sector is made up of areas that are already developed and served by infrastructure. They are also intended for higher intensity uses than are currently in place (Envision Taylor Comprehensive Plan, Growth Sectors Map Page 50).

Future Land Use and Zoning Designations:
The subject property was assigned the land use designation Market Community from Envision Taylor Comprehensive Plan. Market Centers are mixed-use areas anchored by a retail destination where surrounding residents go to get daily goods and services. As with all centers, Market Centers are envisioned as mixed use and walkable places.

The applicant has requested to amend the Future Land Use on the property to incorporate the Employment Center: Community designation. Employment Centers are also mixed-use areas, but they are centered around office or industrial uses that can support significant employment. By redesignating a vast portion of the subject property, more property aligns the existing structure and use currently on going. The presence of office and industrial uses help support local retail and restaurants.

The subject property is currently zoned M-1 - Light Industrial. The M-1 district permits uses typically defined as light industrial or heavy commercial. The intent is to concentrate these uses in areas of town that will best represent the community as well as protect the character, safety and general welfare of the surrounding neighborhoods (Appendix B – Zoning Ordinance, Article III, 2.15).

Surrounding Properties:
The current Zoning, Future Land Use designation, and Existing Uses of the adjacent properties to the north, south, east, and west are outlined in the table below:

Direction	Zoning District	Future Land Use	Existing Land Use
North	Single Family (R-1)	Market Center: Community & Neighborhood Infill	Vacant Acreage and Single-Family structures
South	Multi-Family (MF-2)	Market Center: Community & Neighborhood Infill	Roadway, Single Family & Multi-Family
East	Single Family (R-1)	Neighborhood Infill	Single Family Residences
West	Light Industrial (M-1)	Employment Center: Regional	Commercial Businesses

Utilities

The subject property is located within the City's service area for water and wastewater. The property is served by both a six-inch wastewater line is located on the south side of the property.

Transportation

The subject property is bounded on the west by Carlos G. Parker Blvd., a four-lane divided highway designated as an Enhanced Regional Road; to the north by W. Lake Drive, a two-lane undivided road designated as an Enhanced Community Boulevard. There are three driveways with access to the property from Carlos G. Parker Blvd.

Public Notification

As required by the Local Government Code and the City of Taylor Code of Ordinances, all property owners within a 200-foot radius of the subject property were notified of the Future Land Use Amendment request. A total of fifty-eight (58) property owners were provided with notice of the request. A legal notice advertising the public hearing was placed in the Taylor Press on February 26, 2023.

Staff Analysis

The applicant is requesting to redesignate approximately 25 acres of the subject property from Market Center: Community to Employment Center: Community. The redesignation from Employment Center: Community will continue to meet the Comprehensive Plan's intent for infill growth to occur while also assisting with the transition from residential to market center uses and lastly employment center.

The Market Center land use is focused on retail destinations, while the Employment Center land use prioritizes office and industrial uses. Both designations encouraged mixed-uses and intend to support local residential communities. With the property west of Carlos G. Parker Blvd. designated as Employment Center: Regional, the new designation for the 25 acres will support the different types of uses located in this part of the City. Staff has not identified any concerns with this redesignation.

Staff Recommendation

After review, staff recommends approval of the request to redesignate a portion (approximately 25 acres) of the subject property from Market Center: Community to Employment Center: Community.

Planning and Zoning Commission Recommendation

The Planning and Zoning Commission is charged with reviewing all requests for Comprehensive Plan Amendments and recommends to City Council either in favor of or opposition to each request. In determining a recommendation on a Comprehensive Plan Amendment, the Planning and Zoning Commission members consider the following factors:

Will the proposed amendment result in a land use classification that is more consistent with the text and policies of the Comprehensive Plan than the current designation?

- Yes. The new designation of Employment Center: Community is in line with the desire for infill growth in this area of the City and desirable land uses for the adjacent properties.

Would the proposed amendment result in a land use classification that is more compatible with the current and future classification of adjacent and nearby properties?

- Yes. The new land use designation will act as a transition from the residential properties to the north and east to the regional employment areas to the west.

Would the proposed amendment result in more efficient use of publicly financed community facilities and infrastructure?

- Yes. The proposed amendment would encourage further development on the subject property and meet the Comprehensive Plan's intent for infill growth in this area.

Could the proposed amendment create or cause an increase in adverse impacts on the natural environment, especially water, green space/open space preservation, and air quality?

- Yes, there could be an increase in vehicle trips to the area with the proposed designation.

Attachments:

1. Applicant's Letter of Intent
2. Growth Sectors Map
3. Current Future Land Use Map
4. Proposed Future Land Use Map
5. Zoning Map
6. Notice Area Map
7. Draft Ordinance
    a. Survey/Property Description
    b. Proposed Future Land Use Map

Masterplan

Land Use Consultants

February 3, 2023

Courtney Peres, Planning Manager
City of Taylor
Development Services Department
400 Porter Street
Taylor, TX 76574

Subject: Future Land Use Amendment and Proposed Zoning at 1103 Carlos G. Parker Boulevard

Taylor CPB Property LLC is the owner of approximately 40 acres located at the northeast corner of Carlos G. Parker Boulevard and SH 79. A portion (approximately 20 acres) of the property is developed with a 328,700 SF office warehouse facility constructed in 1983, with an expansion of 54,000 SF planned. The property owners have immediate plans to subdivide the parcel into three platted lots in preparation for infill development at this gateway, highway interchange location. At this time, a subdivision application has not been submitted, but a plat application is being prepared in anticipation of the March 3, 2023, application deadline. Please refer to the attached "Taylor Gateway Center" exhibit for a preliminary lot plan of the proposed subdivision.

The existing site improvements would be contained primarily within proposed Lot 2, and development of a climate-controlled storage facility is planned for proposed Lot 1. The purpose of this memo is to formally request that the City of Taylor Future Land Use Plan and preliminary rezoning recommendation be amended for approximately 25.9 acres of the subject property to accommodate the existing and proposed site improvements planned for future Lots 1 and 2.

With adoption of the *City of Taylor Comprehensive Plan*, the future land use designation for this 40-acre tract was changed from "Business Park" to "Market Center: Community" with a preliminary recommendation to rezone the property from M-1 (Light Industrial) to P5 – Core zoning place type. After careful consideration of the City's land use recommendation and proposed zoning designation, the following considerations are offered as justification for the existing development and southern portion of the tract to be designated with a future land use of "Employment Center: Community" and a zoning place type of EC – Employment Center.

6500 River Place Blvd., Building 7, Suite 250, Austin, TX 78730
512.524.9745 ▸ masterplantexas.com

1. The existing light industrial development is consistent with the "Employment Center: Community" designation and existing land uses located across Carlos G. Parker Boulevard, including the ERCOT facility, Taylor Municipal Airport, and Babeco Fabrication & Machining. Employment centers are also intended as mixed-use areas. However, these land uses are centered around office or industrial uses designed to support employment rather than walkable, retail and service uses. The requested "Employment Center: Community" land use designation and zoning will allow for new development that is compatible and consistent with the surrounding developments and recognized as key components of the local economy. Increasing local employment ultimately helps support retail and service businesses that are appropriately located elsewhere in the city.

2. The change in land use recommendation from "Business Park" to "Market Center: Community" introduced a conflict with the Future Land Use Plan and set the stage for the City of Taylor to initiate a zoning change that will result in the existing building being deemed legal nonconforming, which restricts the owner's ability to make improvements to the building, limits financing options, and reduces the value of the property. With limited industrial warehouse supply available in Taylor, converting the existing development to a conforming Market Center design would not be justified from a cost-benefit standpoint. Furthermore, there are site-related constraints as explained in the following paragraphs that limit the viability of these lots as a retail, multifamily, office, or mixed-use property types.

3. The subject property is located along a limited access highway intersection that is not conducive to a human-scaled, walkable, mixed-use project that is characteristic of the "Market Center: Community" designation. In response to the City's preliminary zoning recommendation, numerous conceptual site layouts were prepared in an attempt to incorporate the P5 place type design criteria. However, several site constraints conflict with the P5 vision and intent at this site, particularly the developed portion of the tract (proposed Lot 2) and the triangular-shaped portion south of the existing office-warehouse facility (proposed Lot 1) An existing TXDOT drainage ditch exists along the right-of-way of Carlos G. Parker Boulevard and the on-ramp, which makes a Pedestrian Zone and Landscape and Tree Zone within the right-of-way impractical.

4. The southernmost portion of the subject property is poorly suited for retail and service uses associated with the "Market Center: Community" designation. Accessibility is a key component for the success of retail and service uses. Both vehicular and pedestrian access at the southern portion of the tract is constrained by the cloverleaf design of the TXDOT interchange. Light industrial and other low traffic generating uses designed with a more traditional layout that has buildings setback from the right-of-way provide for better site maneuverability, allow for buildings to feel less imposing due to scale and mass, and are better suited for this area.

5. Although only partially developed, the assessed value of the subject property has increased over 2000% to a current value of $10,914,212. Additionally, the taxes collected by the City of Taylor increased over 2500% from their predevelopment amount to $70,828 as of 2022. The existing property tax revenue falls within the City's highest revenue per acre category identified in the *City of Taylor Comprehensive Plan*. The market analysis conducted by the owner indicates that comparable development potential exists on the remainder of the site, which will help realize key objectives of the *Comprehensive Plan* including infrastructure and fiscal sustainability and economic resiliency. The owner's representatives consulted with the Taylor Economic Development Corporation (EDC) to discuss development plans for the remaining undeveloped portions of the site. The EDC indicated that local demand for the proposed flex industrial expansion is high as the community prepares for the Samsung development. Flex industrial space is in short supply or unavailable in the City of Taylor, which is sending businesses to surrounding communities. The apparent high demand for this real estate product and lack of availability in Taylor appears to validate the importance of the existing facility as well as the new development being proposed for this site.

6. Demand for additional Employment Center uses and facilities exist today, and the property owners are prepared and ready to develop improvements to satisfy that need, allowing new development to contribute immediately to the City's tax rolls. Conversely, market conditions for retail and service uses at this location could take several years or decades to mature. Multiple conversations with retail experts, mixed-use investors, consultants, and private equity partners have indicated no interest or viability for success of a mixed-use or retail product in the current market environment due to issues such as access, retail centers located in other hubs of the City, lot size that is too small to incorporate desired features, no other surrounding retail, low traffic counts, and lack of visibility due to the speed of travel on the adjacent roadways.

The "Taylor Gateway Development" conceptually demonstrates a site design that achieves a favorable development scenario for the property owner, the City of Taylor, and the community. The property owner understands the City of Taylor's goal of establishing a buffer and transition zone between residential neighborhood districts and employment districts. To help implement this goal, the property owner is supportive of developing the northern portion of the tract (proposed Lot 3) in a manner that provides a softer transition between the existing residential and non-residential development by reserving that area for future development of retail, medical office, and/or restaurants and food service consistent with the current Future Land Use Plan and recommended P5 zoning place type designation. The requested Future Land Use Plan amendment of the remainder of the tract to "Employment Center: Community" maintains an established, successful development pattern for the southern portion of the site and provides a win-win scenario for the community and the property owner.

The intent of the Taylor Gateway Development layout is to establish a platted lot for the existing development and create new lots to accommodate future development. The proposed southern lots fronting Carlos G. Parker right-of-way and access ramp, including the lot containing the developed portion of the tract, are proposed for development consistent with the EC zoning place type. This place type provides the best opportunity for the existing improvements to avoid being deemed a legal non-conforming use, and it encourages compatible development at the southern portion of the tract.

To achieve this proposed development scenario, an amendment to the Future Land Use Plan and zoning is requested. “Employment Center: Community” with EC zoning place type is requested for the approximately 26 acres comprising the southern portion of the site (proposed Lots 1 and 2). A Future Land Use Plan designation of “Employment Center: Community” and EC zoning place type is most appropriate for this portion of the site, and it delivers the greatest benefit to the City, residents, business operators, and the property owner. The requested FLUP amendment reduces the area designated for “Market Center: Community” use, but it preserves the land use designation for the portion of the tract that has the greatest potential for success.

Thank you for your consideration of this request. If you have questions, suggestions, or wish to discuss the proposal in more detail, please do not hesitate to contact me or any of the other members of the project team.

Sincerely,



Karen Wunsch, AICP
Masterplan

SCALE: 1" = 80'

0' 80' 160' 240'

EMPLOYMENT CENTER: COMMUNITY

MARKET CENTER: COMMUNITY

NO. REVISION DATE

S21°42'48"E 1501.09'

FD. 3/4" I.P.

FD. I.R.(RPLS)

FD. 3/4" I.R. (TRIAD)

15' BL

7' LANDSCAPE ESMT

8' SIDEWALK

15' BL

THOMAS STREET
(50-FOOT RIGHT OF WAY)

S68°57'39"W 143.61'

THOMAS STREET
(50-FOOT RIGHT OF WAY)

S18°11'22"E 615.31'

FD. TXDOT ('

N68° 17' 11.58"E
593.774'

270.0'

180.0'

200.0'

ADDITION
54,000 SF

TRUCK COURT

604,715.71 SQ FT
13.883 ACRES

1,131,071.67 SQ FT
25.965 ACRES

100,000 SF, 3-STORY
SELF-STORAGE FACILITY

10,000 SF,
HIGH-BAY
STORAGE

10,000 SF,
HIGH-BAY
STORAGE

FD. TXDOT (TYPE I)

N65°27'51"W 234.10'

W. LAKE DRIVE
(VARIABLE WIDTH RIGHT OF WAY)

N69°00'14"E 1093.99'

N21° 43' 37.37"W
88.836'

N18°20'47"W 582.02'

CARLOS G. PARKER BLVD.
(VARIABLE WIDTH RIGHT OF WAY)

FD. TXDOT (TYPE I)

N21° 43' 37.37"W
459.69'

7' LANDSCAPE ESMT

8' SIDEWALK

N35°00'42"W 771.92'

15' BL

FD. TXDOT (TYPE I)

I.R.(TRIAD)

R=2,142.06'
Delta=23°04'18"
CB=N23°16'11"W
CD=856.74'
L=862.56'

CARLOS G. PARKER BLVD.
(VARIABLE WIDTH RIGHT OF WAY)

8' SIDEWALK

TSB

STMH

SSMH

WV

OHE

CO

CV

TAYLOR GATEWAY CENTER

CITY OF TAYLOR, TEXAS

FUTURE LAND USE EXHIBIT

PAPE-DAWSON ENGINEERS

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS

10801 N MOPAC EXPY, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512.454.8711

TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

CITY JOB No.

JOB NO. 51390-00

DATE FEBRUARY 2023

DESIGNER BDA

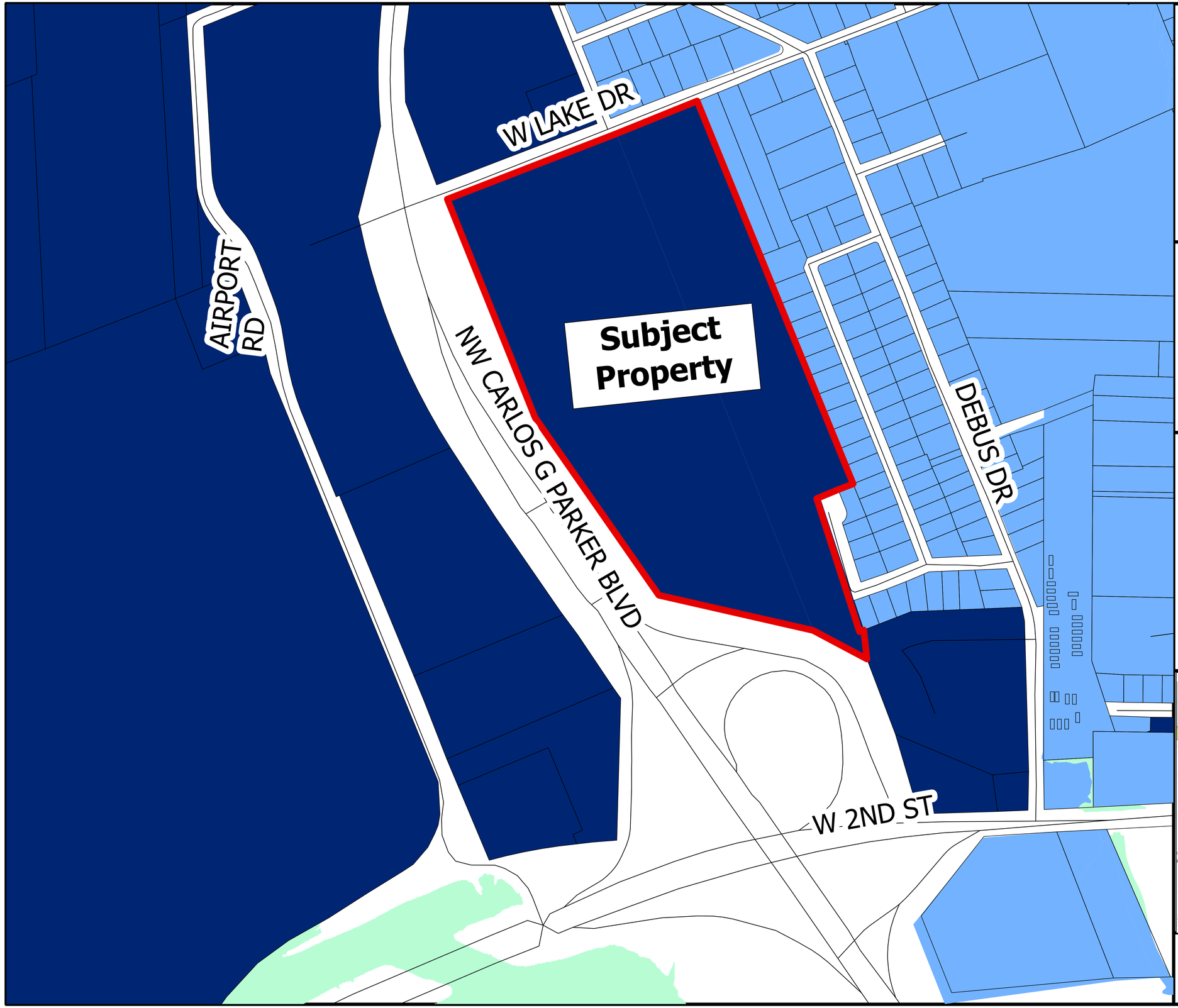
CHECKED AC DRAWN BDA

SHEET 1 OF 1

THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL.

Date: Feb 22, 2023, 2:01pm User ID: bankenbauer
File: H:\Projects\51390-00\0211 Conceptual Exhibits\51390-00 Revised Site Layout - 8.dwg

H:\Projects\51390\00211 Conceptual\Exhibits\51390-00 Revised Site Layout - 8.dwg, 2/22/2023 2:01:01 PM, DWG To PDF.pc3,
1:1



Taylor Texas
CITY OF TAYLOR TX

N

PZ-2023-1629

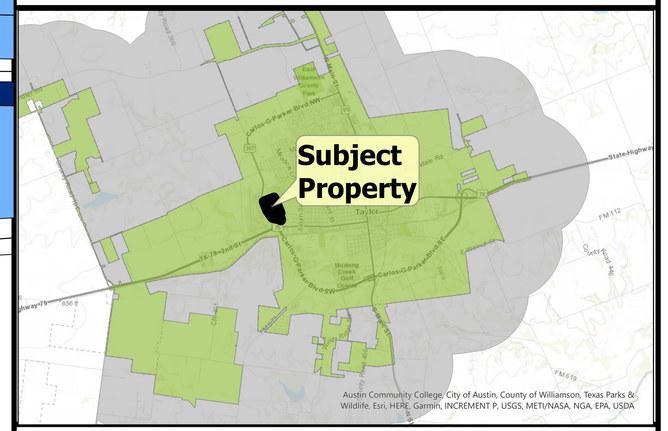
1103 Carlos G. Parker Blvd.
Comprehensive Plan Amendment
Growth Sectors Map
Approximately 39.85 Acres

Legend

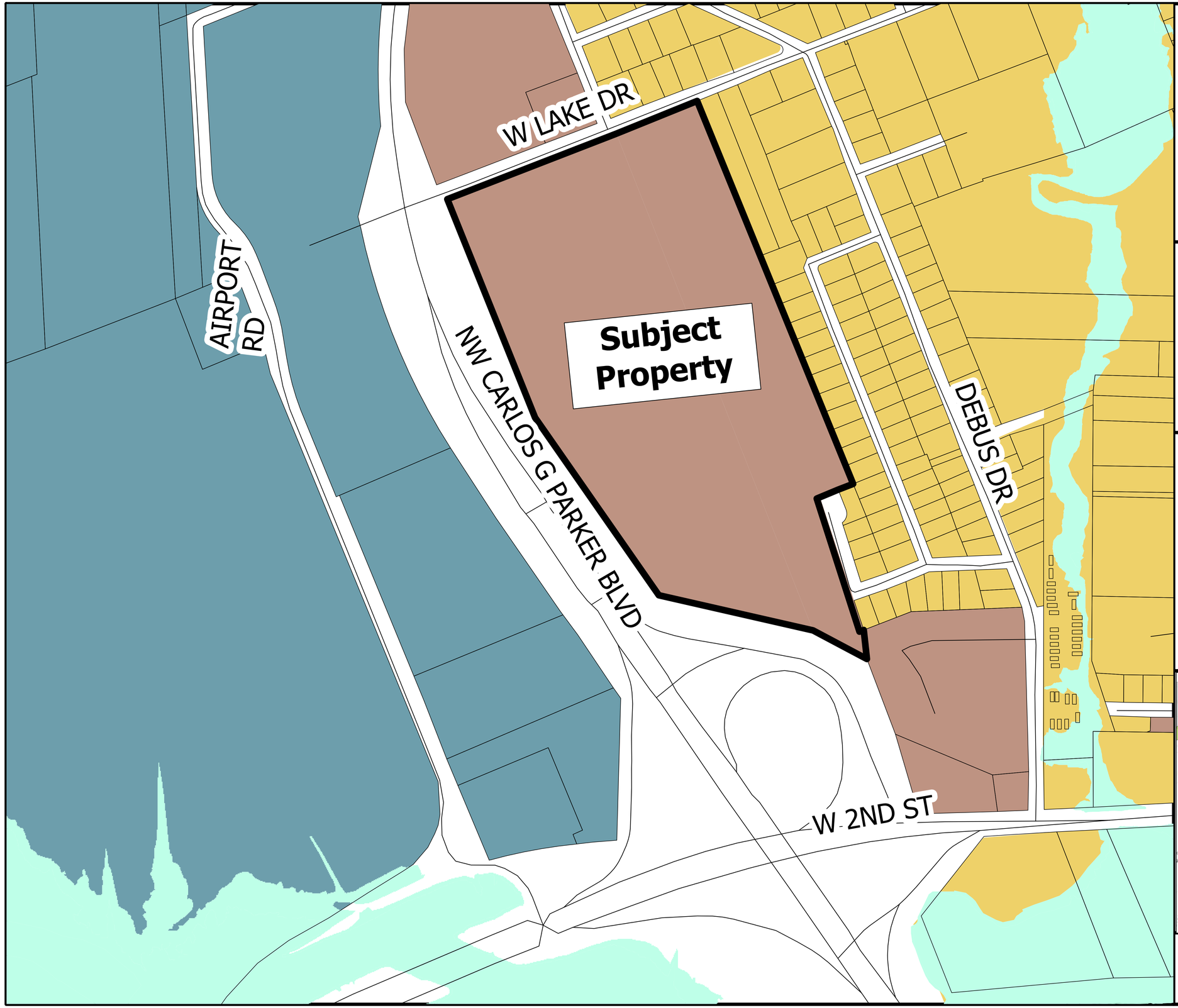
- Subject Property
- Parcels
- Streets

Growth Sectors Map

- Infill Neighborhood Sector
- Infill Growth Sector
- Flood Plain



0 500 1,000 US Feet



Taylor Texas
CITY OF TAYLOR TX

N

PZ-2023-1629

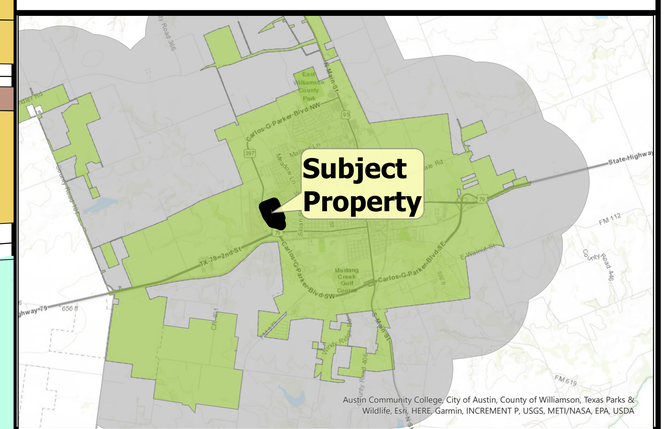
1103 Carlos G. Parker Blvd.
Comprehensive Plan Amendment
Future Land Use Map
Approximately 39.85 Acres

Legend

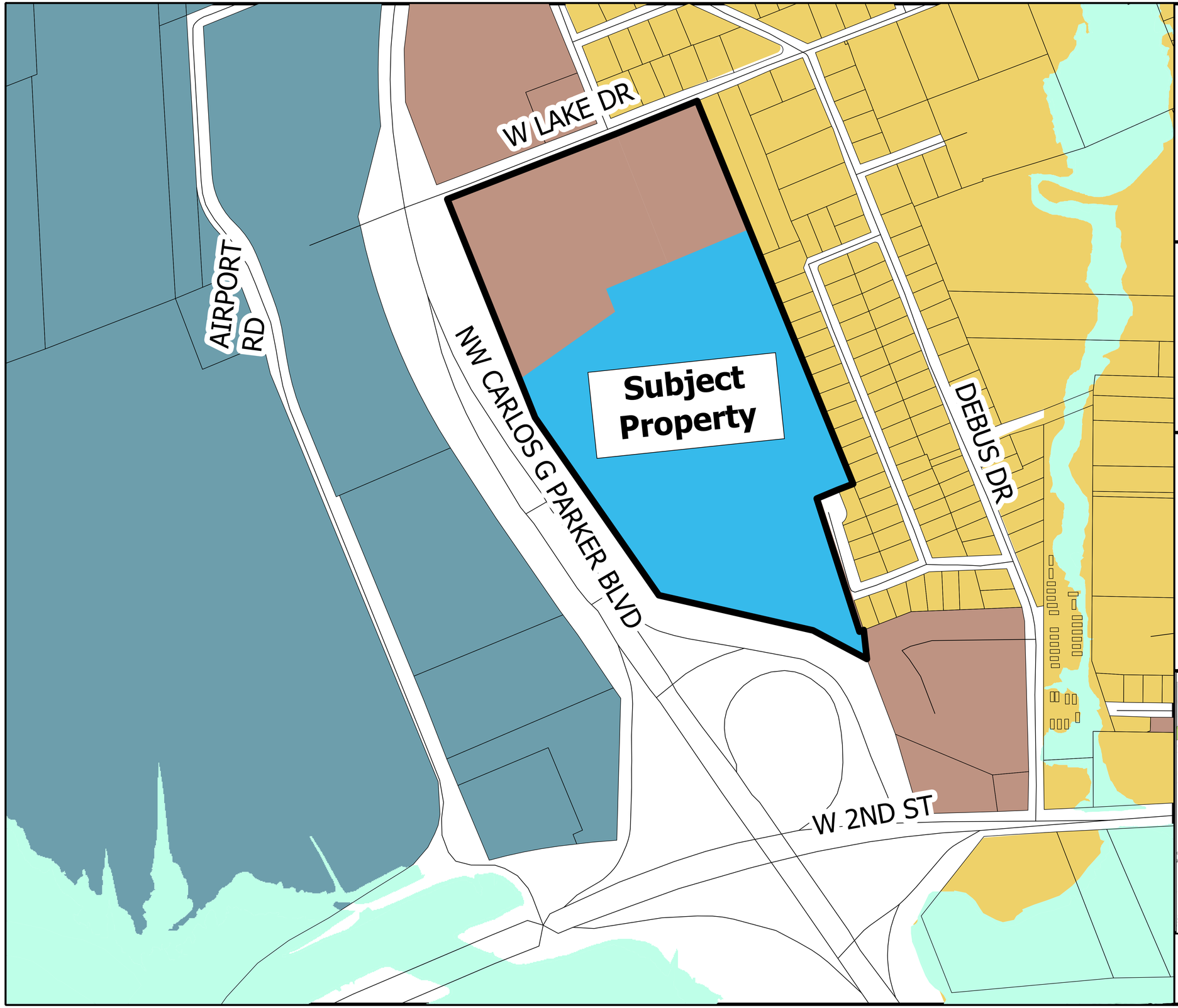
- Subject Property
- Parcels
- Streets

Future Land Use Map

- Neighborhood Infill
- Employment Regional
- Market Community
- Open Space



0 500 1,000 US Feet



Taylor Texas
CITY OF TAYLOR TX

N

PZ-2023-1629

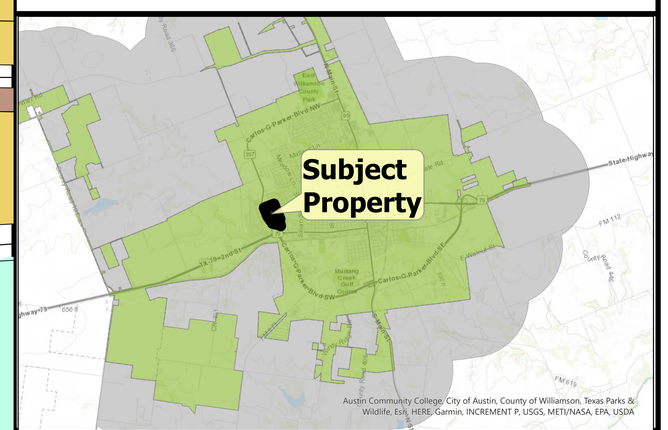
1103 Carlos G. Parker Blvd.
Comprehensive Plan Amendment
Proposed Future Land Use Map
Approximately 39.85 Acres

Legend

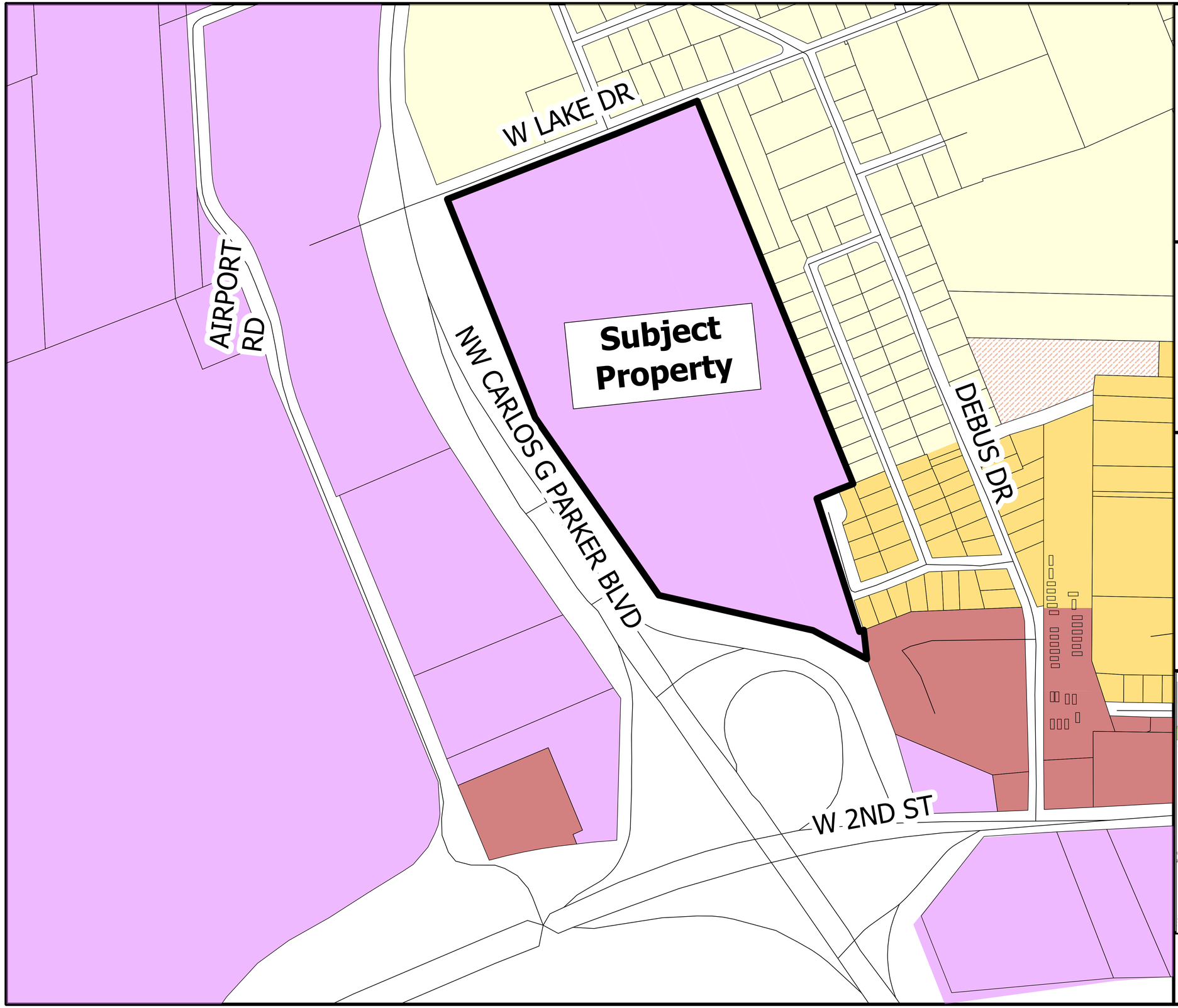
- Subject Property
- Parcels
- Streets

Future Land Use Map

- Neighborhood Infill
- Employment Regional
- Market Community
- Open Space
- Employment Center: Community



0 500 1,000 US Feet



N

PZ-2023-1629

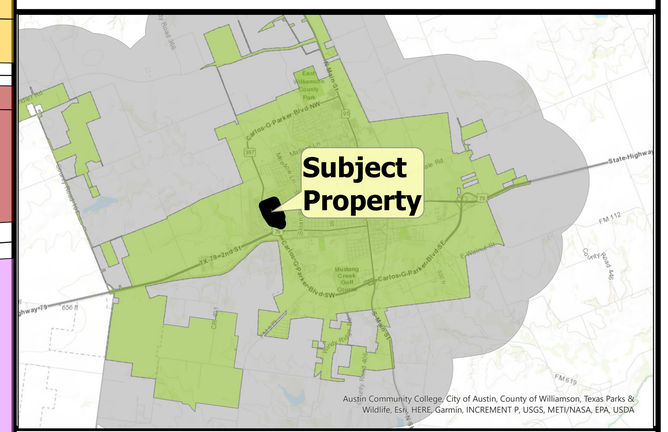
1103 Carlos G. Parker Blvd.
Comprehensive Plan Amendment
Current Zoning Map
Approximately 39.85 Acres

Legend

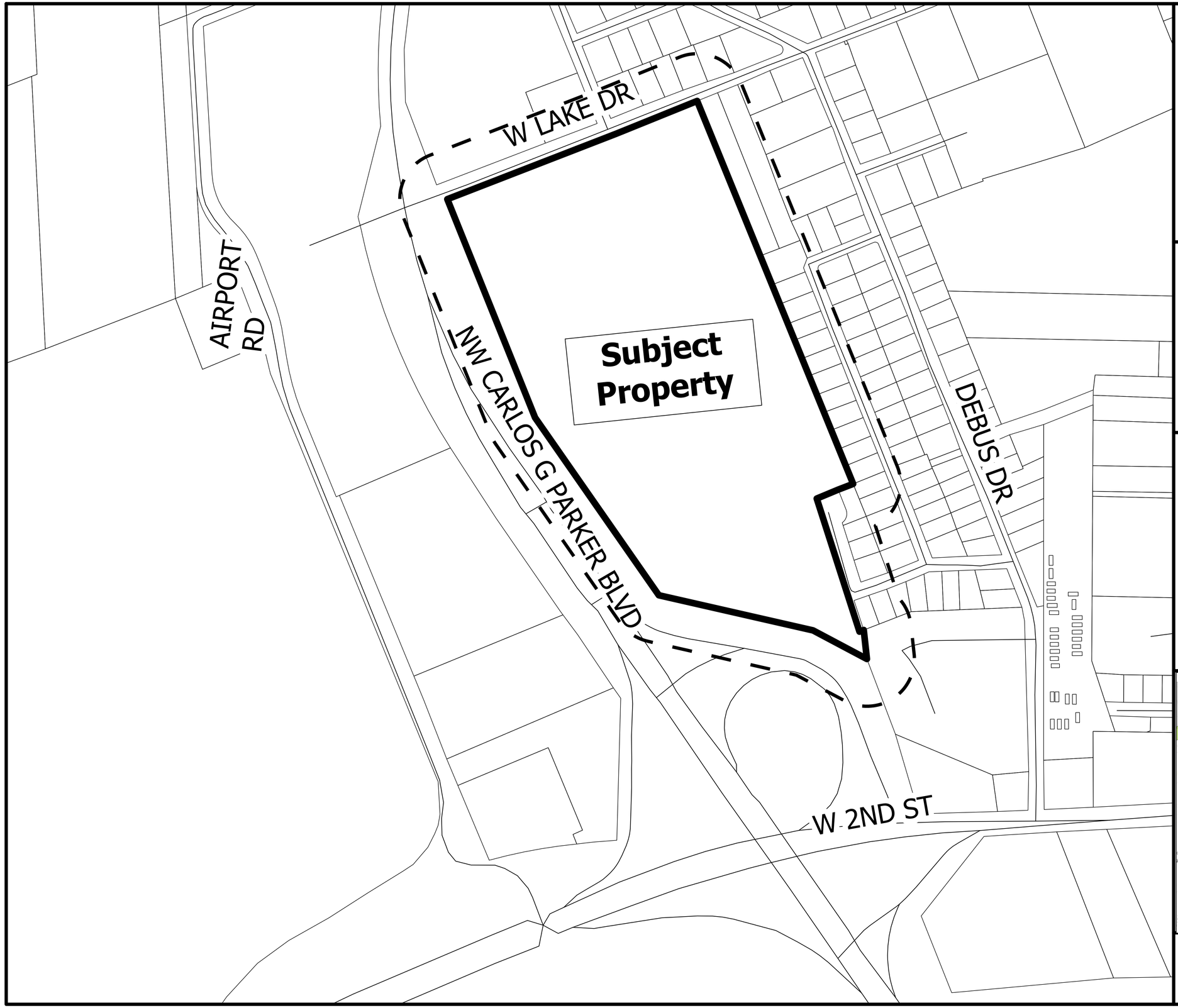
- Subject Property
- Parcels
- Streets

ZONING

- B-1
- M-1 Light Industrial
- MF-2 Multi-Family
- R-1 Single Family
- MF-1/RPD



0 500 1,000 US Feet



Taylor Texas
CITY OF TAYLOR TX

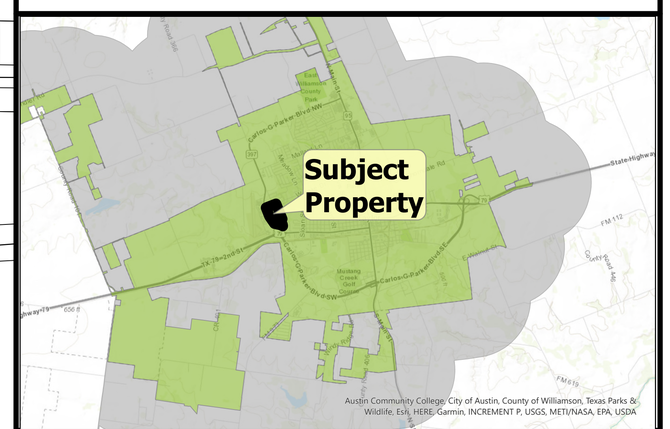
N

PZ-2023-1629

1103 Carlos G. Parker Blvd.
Comprehensive Plan Amendment
Notice Area Map
Approximately 39.85 Acres

Legend

- Subject Property
- 200 ft. Buffer
- Parcels
- Streets



0 500 1,000 US Feet

ORDINANCE NO. 2023-15

AN ORDINANCE OF THE CITY OF TAYLOR, TEXAS, AMENDING THE COMPREHENSIVE PLAN AND THE FUTURE LAND USE MAP SO AS TO CHANGE THE FUTURE LAND USE DESIGNATION FOR APPROXIMATELY TWENTY-FIVE (25) ACRES FROM MARKET CENTER: COMMUNITY TO EMPLOYMENT CENTER: COMMUNITY ON APPRROXIMATELY 39.85 ACRES OF LAND PART OF AND OUT OF THE H.G. JOHNSON SURVEY, ABSTRACT NO. 348, AND THE W.R. WILLIAMS SURVEY, ABSTRACT NO. 665, TAYLOR, WILLIAMSON COUNTY, TEXAS. PROVIDING FOR THE AMENDMENT OF THE PLAN; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING A SAVINGS CLAUSE;

WHEREAS, it is necessary and reasonable for the public health, safety, morals, and welfare of the City of Taylor, Texas, a Texas home rule municipality (herein the "City"), to provide for and maintain a comprehensive plan for the City in accordance with Chapters 211, 212 and213 of the Texas Local Government Code; and

WHEREAS, the City Council finds that the amendment of the Comprehensive Plan herein promotes the public health, safety, morals, and welfare and provides for the orderly development of the City; and

WHEREAS, the Planning and Zoning Commission held a public hearing on March 14, 2023, reviewed the amendments, and recommended that the City Council adopt the amendments to the Comprehensive Plan; and

WHEREAS, the City Council held a public hearing on March 23, 2023, at which the public was given the opportunity to give testimony and present written evidence; and

WHEREAS, after review, inquiry, and the opportunity for citizen participation at one or more public hearings and review and recommendation by the Planning and Zoning Commission, the City Council approves the amended Comprehensive Plan hereinafter set forth;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITYOF TAYLOR, TEXAS, THAT:

Section 1. Findings. The foregoing recitals are hereby found to be true and correct and are hereby adopted by the City Council and made a part hereof for all purposes as findings of fact.

Section 2. Property. The property, legally described in **Exhibit A**, attached hereto, and incorporated by reference herein for all purposes ("Property"), that is the subject to the Future Land Use redesignation is generally located at 1103 Carlos G. Parker Boulevard, legally described as approximately 39.85 acres of land part of and out of the H.G. Johnson Survey, Abstract No. 348, and W.R. Williams Survey, Abstract No. 665, Taylor,

Williamson County, Texas.

Section 3. Future Land Use Map. The property's future land use designation of "Market Center: Community" shall be changed to "Employment Center: Community" for approximately 25 acres of the total 39.85 acres. The remaining acreage shall keep the Market Center: Community designation. The changes are reflected in **Exhibit B**, Proposed Future Land Use attached hereto and incorporated by reference herein for all purposes.

Section 4. Savings Clause. All rights and remedies of the City of Taylor are expressly saved as to any and all violations of the provisions of any ordinances affecting zoning, platting, or the comprehensive plan within the City's jurisdiction which have accrued at the time of the effective date of this ordinance; and, as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not, under such ordinances, same shall not be affected by this ordinance but may be prosecuted until final disposition by the courts.

Section 5. Severability Clause. Should any section, paragraph, clause, phrase, or provision of this Ordinance be adjudged invalid or held unconstitutional, the same shall not affect the validity of this Ordinance as a whole or any part of the provisions thereof, other than the part so decided to be invalid or unconstitutional.

Section 6. Effective Date. This Ordinance shall be in force and effect from and after its passage on the date shown below.

Section 7. Open Meetings. It is hereby officially found and determined that the meeting at which this ordinance is passed was open to the public as required and that public notice of the time, place, and purpose of said meeting was given as required by the Open Meetings Act, *Chapter. 551, Tex.Gov't. Code*.

PASSED, APPROVED, AND ADOPTED on the ____ day of _____, 2023.

_____
Brandt Rydell, Mayor

ATTEST:

_____
Dianna McLean, City Clerk

APPROVED AS TO FORM:

_____
Ted W. Hejl,
City Attorney

CERTIFICATE

THE STATE OF TEXAS

COUNTY OF WILLIAMSON

I, Dianna McLean, being the current City Clerk of the City of Taylor, Texas, do hereby certify that the attached is a true and correct copy of Ordinance No. 2023-15, passed and approved by the City Council of the City of Taylor, Texas, on the _____ day of _____ 2023, and such Ordinance was duly introduced, passed, approved and adopted at meetings open to the public and notices of the meetings, giving the dates, places, and subject matter thereof, were posted as prescribed by Government Code Section 551.043.

Witness my hand and seal of office this _____ day of _____ 2023.

_____
Dianna McLean
City Clerk

NOTES:

1) ½" IRON ROD WITH YELLOW CAP MARKED "PAPE-DAWSON" SET AT SUBJECT PROPERTY CORNERS UNLESS NOTED OTHERWISE.

2) THE BEARINGS FOR THIS SURVEY ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE.

3) ILLUSTRATED UTILITIES ARE BASED ON FOUND VISIBLE EVIDENCE. THE LOCATION AND DEPTH OF EXISTING UTILITIES SHOULD BE FIELD VERIFIED BEFORE CONSTRUCTION. THE SURVEYOR DOES NOT HAVE KNOWLEDGE AS TO THE AVAILABILITY OF SERVICE TO, OR THE STATUS OF THE UTILITIES ON THIS SITE.

4) THE SUBJECT PROPERTY IS WITHIN THE FOLLOWING FLOOD ZONE(S) AS DEPICTED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.) FLOOD INSURANCE RATE MAP NUMBER 48453C0485J, DATED AUGUST 18, 2014 FOR TRAVIS COUNTY, TEXAS AND INCORPORATED AREAS. THIS DATA IS AVAILABLE ON THE WEBSITE WWW.MSC.FEMA.GOV.

ZONE X (UNSHADED), DEFINED AS: "OTHER AREAS; AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN."

FLOOD LIMIT LINES DO NOT REPRESENT THAT THE PROPERTY WILL OR WILL NOT FLOOD. SUCH LINES AND AREAS ARE FROM SAID FEDERAL EMERGENCY MANAGEMENT AGENCY DATA SOURCES AND ARE STATISTICAL ONLY. THE SURVEYOR ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF SAID DATA.

5) ADJOINERS ARE FOR INFORMATIONAL PURPOSES ONLY.

SYMBOL LEGEND		
(CO)	CO	SANITARY SEWER CLEANOUT
——	CPP	CORRUGATED METAL PIPE
(E)	CMH	ELECTRIC MANHOLE
□	EBOX	ELECTRIC BOX
⊠	ET	ELECTRIC TRANSFORMER
(E)	EM	ELECTRIC METER
FH	FH	FIRE HYDRANT
◎	FP	FLAGPOLE
(G)	GM	GAS METER
GV	GV	GAS VALVE
→	GUY	GUY ANCHOR
♿		HANDICAP SPACE
☼	LP	LAMP POST
MB	MB	MAILBOX
(12)		PARKING SPACES
——	PVC	POLYVINYL CHLORIDE PIPE
——	RCP	REINFORCED CONCRETE PIPE
—o—		ADVERTISING/ROAD/UTILITY SIGN WITH DESCRIPTION
(S)	SSMH	SANITARY SEWER MANHOLE
⋈	SPV	SPRINKLER VALVE
(D)	STMH	STORM DRAIN MANHOLE
□	TSB	TRAFFIC SIGNAL BOX
●	UP	UTILITY POLE
(W)	WM	WATER METER
WV	WV	WATER VALVE
(W)	WELL	
	WCR	WHEELCHAIR RAMP

LINE LEGEND	
——//——//——//——	WOOD FENCE
——o——o——o——	CHAIN LINK FENCE
——W——W——W——W——	POTABLE WATER LINE
——GAS——GAS——GAS——GAS——	GAS LINE
——OHE——OHE——OHE——OHE——	OVERHEAD ELECTRIC
——SS——SS——SS——SS——	SANITARY SEWER LINE

DEED/PLAT REFERENCE

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS

LEGEND

CONC.	CONCRETE
FD.	FOUND
I.R.	1/2" IRON ROD
TXDOT	TEXAS DEPARTMENT OF TRANSPORTATION
(PD)	PAPE-DAWSON CAP
(SURVEYOR)	IRON ROD WITH CAP AS NOTED

REFERENCES:

THIS SURVEY WAS PREPARED IN CONJUNCTION WITH, BUT NOT SOLELY RELYING ON THE TITLE COMMITMENT LISTED BELOW:

Title Commitment: G.F. # 2725CM
Old Republic Commonwealth Land Title Insurance Company
Date of Policy: June 7, 2007

Only those matters identified in the Title Commitment and those that the surveyor was aware of at the time of this survey are shown.

10. The following matters and all terms of the documents creating or offering evidence of the matters (We must insert matters or delete this exception):

a. The company is prohibited from insuring the area or quantity of the land described herein. any statement in the legal description contained in Schedule "A" as to area or quantity of land is not a representation of that such area or quantity is correct, but is ,made only for information identification purposes and does not override item to of Schedule "B" hereof. (Not a survey matter)

b. Easement for electric power lines executed by Woodrow C. Powell, to Texas Power and Light Company, dated March 24, 1944, recorded in/under 527/246 of the Real Property Records of Williamson County, Texas. (As Shown Hereon)

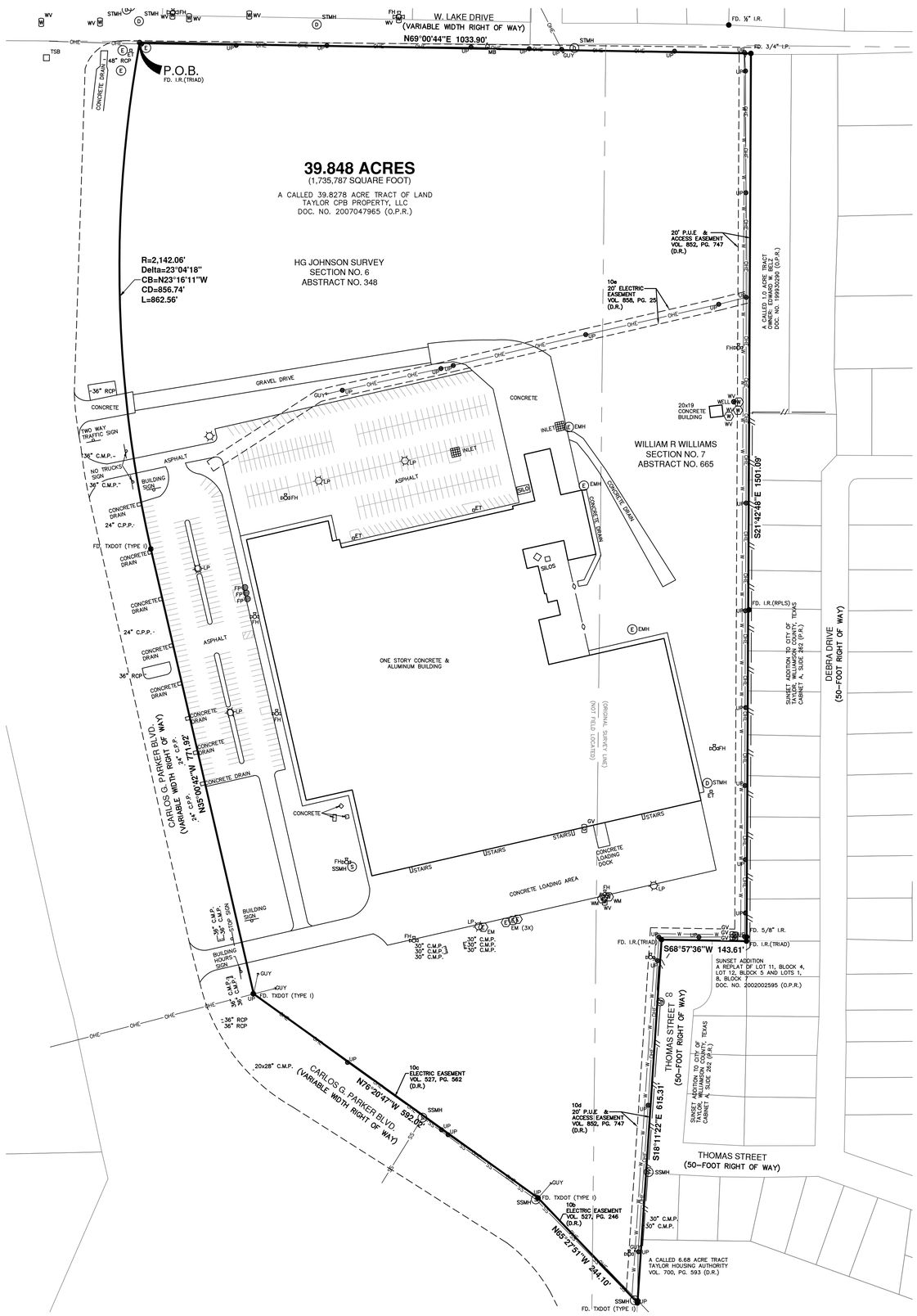
c. Easement for electric power lines executed by Reuben Anderson, to Texas Power and Light Company, dated march 24, 1970, recorded in/under 527/562 of the Real Property Records of Williamson County, Texas. (As Shown Hereon)

d. Terms, conditions and stipulations contained in Easement Agreement executed by and between Intercraft Industries Corporation, and City of Taylor, dated September 11, 1981, recorded in/under 852/747 of the Real Property Records of Williamson County, Texas. (As Shown Hereon)

e. Easement for electric distribution lines and telephone lines executed by Intercraft Industries Corporation, to Texas Power and Light Company, dated September 11, 1981, recorded in/under 858/25 of the Real Property Records of Williamson County, Texas. (As Shown Hereon)

f. Subject property lies within the boundaries of Upper Brushy Water Control and Improvement District.

g. Power poles, overhead power lines and down guys as shown on survey plat dated March 20, 2006, prepared by Herman Crichton R.P.L.S. No. 4046.



FIELD NOTES
FOR

A 39.848 ACRE OR 1,735,787 SQUARE FOOT TRACT OF LAND, SITUATED IN THE HG JOHNSON SURVEY, SECTION NO. 6, ABSTRACT NO. 348, AND IN THE WILLIAM R WILLIAMS SURVEY, SECTION NO. 7, ABSTRACT NO. 665, IN THE CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS, BEING ALL OF A CALLED 39.8278 ACRE TRACT CONVEYED TO TAYLOR CPB PROPERTY, LLC, RECORDED IN DOCUMENT NO. 2007047965 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS. SAID 39.848 ACRE TRACT BEING MORE FULLY DESCRIBED AS FOLLOWS, WITH BEARINGS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NA 2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE:

BEGINNING at an iron rod with cap marked "Triad" found on a point in the east right-of-way line of Carlos G. Parker Blvd., a variable width right-of-way, said point being in the south right-of-way line of W. Lake Drive, a variable width right-of-way, same being the northwest corner of said 39.8278-acre tract for the northwest corner and POINT OF BEGINNING hereof;

THENCE N 69°00'44" E, departing the east right-of-way line of said Carlos G. Parker Blvd., with the south right-of-way line of said W. Lake Drive, same being the north boundary line of said 39.8278-acre tract, a distance of 1033.90 feet to a ¾" iron pipe found at the northeast corner of said 39.8278-acre tract, same being the northwest corner of a called 1.0 acre tract conveyed to Edward W. Belz, recorded in Document No. 1999030290 of the Official Public Records of Williamson County, Texas for the northeast corner hereof;

THENCE S 21°42'48" E, departing the south right-of-way line of said W. Lake Drive, with the east boundary line of said 39.8278-acre tract, same being the west boundary line of said 1.0 acre tract, and, in part, with the west boundary line of Sunset Addition to the City of Taylor, Williamson County, Texas, a subdivision according to the plat recorded in Cabinet A, Slide 262 of the Plat Records of Williamson County, Texas, a distance of 1501.09 feet to an iron rod with cap marked "Triad" found on a point in the north boundary line of Sunset Addition, a Replat of Lot 11, Block 4, Lot 12, Block 5 and Lots 1, 8, Block 7, a subdivision according to the plat recorded in Document No. 2002002595 of the Official Public Records of Williamson County, Texas for a southeast corner hereof;

THENCE S 68°57'36" W, with a south boundary line of said 39.8278-acre tract, same being the north boundary line of said Sunset Addition Replat, and, in part, with the north right-of-way line of Thomas Street, a 50-foot right-of-way recorded in said Sunset Addition Replat, a distance of 143.61 feet to an iron rod with cap marked "Triad" found at the southeast ell corner of said 39.8278-acre tract, same being the northwest terminus of said Thomas Street for the southeast ell corner hereof;

THENCE S 18°11'22" E, with the east boundary line of said 39.8278-acre tract, same being the west right-of-way line of said Thomas Street, and, in part, the west boundary line of said Sunset Addition to the City of Taylor, and, in part, with the west boundary line of a called 6.68-acre tract conveyed to Taylor Housing Authority, recorded in Volume 700, Page 593 of the Deed Records of Williamson County, Texas, a distance of 615.31 feet to a TXDOT Type I monument found on a point in the northeast right-of-way line of said Carlos G. Parker Blvd, said point being the southeast corner of said 39.8278-acre tract, same being a point in the west boundary line of said 6.68-acre tract for the southeast corner hereof;

THENCE with the northeast and east right-of-way line of said Carlos G. Parker Blvd., same being the southwest and west boundary line of said 39.8278-acre tract the following four (4) courses and distances:

1. N 65°27'51" W, a distance of 244.10 feet to a TXDOT Type I monument found for an angle point hereof;
2. N 76°20'47" W, a distance of 592.02 feet to a TXDOT Type I monument found for the westernmost southwest corner hereof,
3. N 35°00'42" W, a distance of 771.92 feet to a TXDOT Type I monument found for a point of non-tangent curvature hereof, and
4. along the arc of a curve to the right, having a radius of 2142.06 feet, a central angle of 23°04'18", a chord bearing and distance of N 23°16'11" W, 856.74 feet, for an arc length of 862.56 feet to the POINT OF BEGINNING and containing 39.848 acres in the City of Taylor, Williamson County, Texas. Said tract being described in accordance with an on the ground survey prepared by Pape-Dawson Engineers, Inc.

THIS IS TO CERTIFY THAT THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS MANUAL OF PRACTICE REQUIREMENTS FOR A CATEGORY 1A, CONDITION II LAND TITLE SURVEY. THE FIELD WORK WAS COMPLETED ON NOVEMBER 15, 2022.

STATE OF TEXAS
REGISTERED
VALERIE ZURCHER
6222
PROFESSIONAL
LAND SURVEYOR

VALERIE ZURCHER, R.P.L.S. NO. 6222
STATE OF TEXAS
PAPE-DAWSON ENGINEERS
10801 N. MOPAC EXPY.
BLDG. 3, SUITE 200
AUSTIN, TX 78759

12.07.2022
DATE

NO.	REVISION	DATE

PAPE-DAWSON ENGINEERS
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512.454.8711
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

LAND TITLE SURVEY

A 39.848 ACRE OR 1,735,787 SQUARE FOOT TRACT OF LAND, SITUATED IN THE HG JOHNSON SURVEY, SECTION NO. 6, ABSTRACT NO. 348, AND IN THE WILLIAM R WILLIAMS SURVEY, SECTION NO. 7, ABSTRACT NO. 665, IN THE CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS, BEING ALL OF A CALLED 39.8278 ACRE TRACT CONVEYED TO TAYLOR CPB PROPERTY, LLC, RECORDED IN DOCUMENT NO. 2007047965 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS.

JOB NO. 51390-00
DATE NOVEMBER 2022
CHECKED AC DRAWN VZ
CIVIL JOB NO. ---
REFERENCE: ---
SHEET 1 OF 1

PROJECT NAME: TAYLOR INDUSTRIAL

Date: Dec 07, 2022, 8:55am User ID: vzurcher
File: H:\Survey\Civil\51390-00\Land Title Survey\ABS-51390-00.dwg

FIELD NOTES
FOR

A 39.848 ACRE OR 1,735,787 SQUARE FOOT TRACT OF LAND, SITUATED IN THE HG JOHNSON SURVEY, SECTION NO. 6, ABSTRACT NO. 348, AND IN THE WILLIAM R WILLIAMS SURVEY, SECTION NO. 7, ABSTRACT NO. 665, IN THE CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS, BEING ALL OF A CALLED 39.8278 ACRE TRACT CONVEYED TO TAYLOR CPB PROPERTY, LLC, RECORDED IN DOCUMENT NO. 2007047965 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS. SAID 39.848 ACRE TRACT BEING MORE FULLY DESCRIBED AS FOLLOWS, WITH BEARINGS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NA 2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE:

BEGINNING at an iron rod with cap marked "Triad" found on a point in the east right-of-way line of Carlos G. Parker Blvd., a variable width right-of-way, said point being in the south right-of-way line of W. Lake Drive, a variable width right-of-way, same being the northwest corner of said 39.8278-acre tract for the northwest corner and **POINT OF BEGINNING** hereof;

THENCE N 69°00'44" E, departing the east right-of-way line of said Carlos G. Parker Blvd., with the south right-of-way line of said W. Lake Drive, same being the north boundary line of said 39.8278-acre tract, a distance of **1033.90 feet** to a ¾" iron pipe found at the northeast corner of said 39.8278-acre tract, same being the northwest corner of a called 1.0 acre tract conveyed to Edward W. Belz, recorded in Document No. 199930290 of the Official Public Records of Williamson County, Texas for the northeast corner hereof;

THENCE S 21°42'48" E, departing the south right-of-way line of said W. Lake Drive, with the east boundary line of said 39.8278-acre tract, same being the west boundary line of said 1.0 acre tract, and, in part, with the west boundary line of Sunset Addition to the City of Taylor, Williamson County, Texas, a subdivision according to the plat recorded in Cabinet A, Slide 262 of the Plat Records of Williamson County, Texas, a distance of **1501.09 feet** to an iron rod with cap marked "Triad" found on a point in the north boundary line of Sunset Addition, a Replat of Lot 11, Block 4, Lot 12, Block 5 and Lots 1, 8, Block 7, a subdivision according to the plat recorded in Document No. 2002002595 of the Official Public Records of Williamson County, Texas for a southeast corner hereof;

THENCE S 68°57'36" W, with a south boundary line of said 39.8278-acre tract, same being the north boundary line of said Sunset Addition Replat, and, in part, with the north right-of-way line of Thomas Street, a 50-foot right-of-way recorded in said Sunset Addition Replat, a distance of **143.61 feet** to an iron rod with cap marked "Triad" found at the southeast ell corner of said 39.8278-acre tract, same being the northwest terminus of said Thomas Street for the southeast ell corner hereof;

THENCE S 18°11'22" E, with the east boundary line of said 39.8278-acre tract, same being the west right-of-way line of said Thomas Street, and, in part, the west boundary line of said Sunset Addition to the City of Taylor, and, in part, with the west boundary line of a called 6.68-acre tract conveyed to Taylor Housing Authority, recorded in Volume 700, Page 593 of the Deed Records of Williamson County, Texas, a distance of **615.31 feet** to a TXDOT Type I monument found on a point in the northeast right-of-way line of said Carlos G. Parker Blvd, said point being the southeast corner of said 39.8278-acre tract, same being a point in the west boundary line of said 6.68-acre tract for the southeast corner hereof;

telephone: 512-454-8711 address: 10801 NORTH MOPAC EXPRESSWAY, BUILDING 3 - SUITE 200 AUSTIN, TX 78759 website: PAPE-DAWSON.COM
Austin | San Antonio | Houston | Fort Worth | Dallas | New Braunfels | Corpus Christi Texas Engineering Firm #470 Texas Surveying Firm #10028801

THENCE with the northeast and east right-of-way line of said Carlos G. Parker Blvd., same being the southwest and west boundary line of said 39.8278-acre tract the following four (4) courses and distances:

1. **N 65°27'51" W**, a distance of **244.10 feet** to a TXDOT Type I monument found for an angle point hereof;

2. **N 76°20'47" W**, a distance of **592.02 feet** to a TXDOT Type I monument found for the westernmost southwest corner hereof,

3. **N 35°00'42" W**, a distance of **771.92 feet** to a TXDOT Type I monument found for a point of non-tangent curvature hereof, and

4. along the arc of a curve to the right, having a **radius** of **2142.06 feet**, a **central angle** of **23°04'18"**, a **chord bearing** and **distance** of **N 23°16'11" W**, **856.74 feet**, for an **arc length** of **862.56 feet** to the **POINT OF BEGINNING** and containing 39.848 acres in the City of Taylor, Williamson County, Texas. Said tract being described in accordance with an on the ground survey prepared by Pape-Dawson Engineers, Inc.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: December 7, 2022
JOB No.: 51306-01
DOC.ID.: H:\Survey\CIVIL\51390-00\Word\FN51390-00_39.848Ac.docx
TBPE Firm Registration #470
TBPLS Firm Registration #100288-01



SCALE: 1" = 80'

0' 80' 160' 240'

EMPLOYMENT CENTER: COMMUNITY

MARKET CENTER: COMMUNITY

NO. REVISION DATE

S21°42'48"E 1501.09'

FD. 3/4" I.P.

FD. I.R.(RPLS)

FD. 3/4" I.R. (TRIAD)

15' BL

7' LANDSCAPE ESMT

8' SIDEWALK

15' BL

THOMAS STREET
(50-FOOT RIGHT OF WAY)

S68°57'39"W 143.61'

THOMAS STREET
(50-FOOT RIGHT OF WAY)

S18°11'22"E 615.31'

FD. TXDOT ('

N68° 17' 11.58"E
593.774'

270.0'

180.0'

200.0'

ADDITION
54,000 SF

TRUCK COURT

604,715.71 SQ FT
13.883 ACRES

1,131,071.67 SQ FT
25.965 ACRES

100,000 SF, 3-STORY
SELF-STORAGE FACILITY

10,000 SF,
HIGH-BAY
STORAGE

10,000 SF,
HIGH-BAY
STORAGE

FD. TXDOT (TYPE I)

N65°27'51"W 234.10'

W. LAKE DRIVE
(VARIABLE WIDTH RIGHT OF WAY)

N69°00'14"E 1093.99'

N21° 43' 37.37"W
88.836'

N18°20'47"W 582.02'

CARLOS G. PARKER BLVD.
(VARIABLE WIDTH RIGHT OF WAY)

FD. TXDOT (TYPE I)

N21° 43' 37.37"W
459.69'

7' LANDSCAPE ESMT

8' SIDEWALK

N35°00'42"W 771.92'

15' BL

FD. TXDOT (TYPE I)

I.R.(TRIAD)

R=2,142.06'
Delta=23°04'18"
CB=N23°16'11"W
CD=856.74'
L=862.56'

CARLOS G. PARKER BLVD.
(VARIABLE WIDTH RIGHT OF WAY)

8' SIDEWALK

TSB

STMH

SSMH

WV

OHE

CO

CV

TAYLOR GATEWAY CENTER

CITY OF TAYLOR, TEXAS

FUTURE LAND USE EXHIBIT

PAPE-DAWSON ENGINEERS

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS

10801 N MOPAC EXPY, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512.454.8711

TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

CITY JOB No.

JOB NO. 51390-00

DATE FEBRUARY 2023

DESIGNER BDA

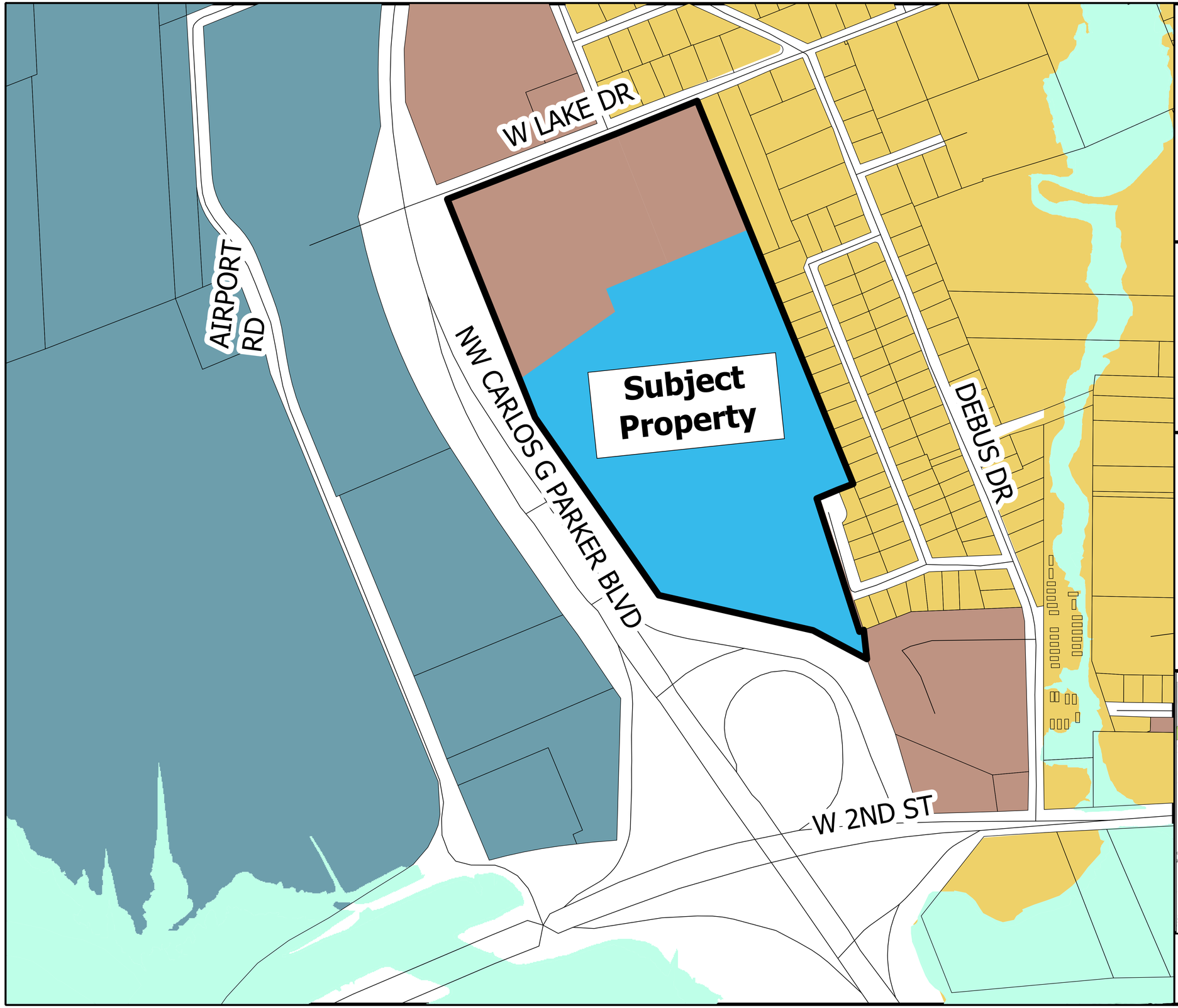
CHECKED AC DRAWN BDA

SHEET 1 OF 1

THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL.

Date: Feb 22, 2023, 2:01pm User ID: bankenbauer
File: H:\Projects\51390-00\0211 Conceptual Exhibits\51390-00 Revised Site Layout - 8.dwg

H:\Projects\51390\00211 Conceptual\Exhibits\51390-00 Revised Site Layout - 8.dwg, 2/22/2023 2:01:01 PM, DWG To PDF.pc3,
1:1



Taylor Texas
CITY OF TAYLOR TX

N

PZ-2023-1629

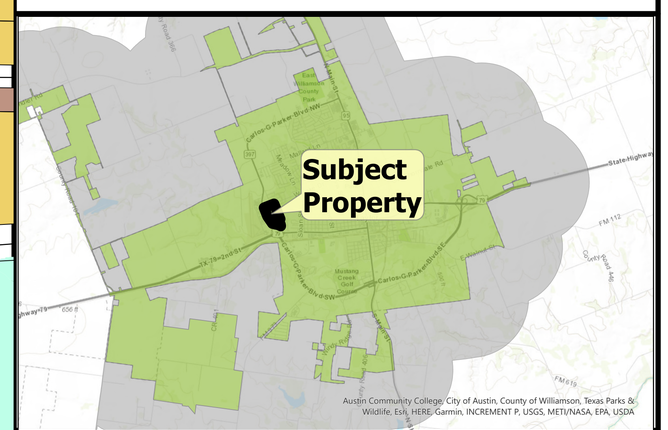
1103 Carlos G. Parker Blvd.
Comprehensive Plan Amendment
Proposed Future Land Use Map
Approximately 39.85 Acres

Legend

- Subject Property
- Parcels
- Streets

Future Land Use Map

- Neighborhood Infill
- Employment Regional
- Market Community
- Open Space
- Employment Center: Community



0 500 1,000 US Feet

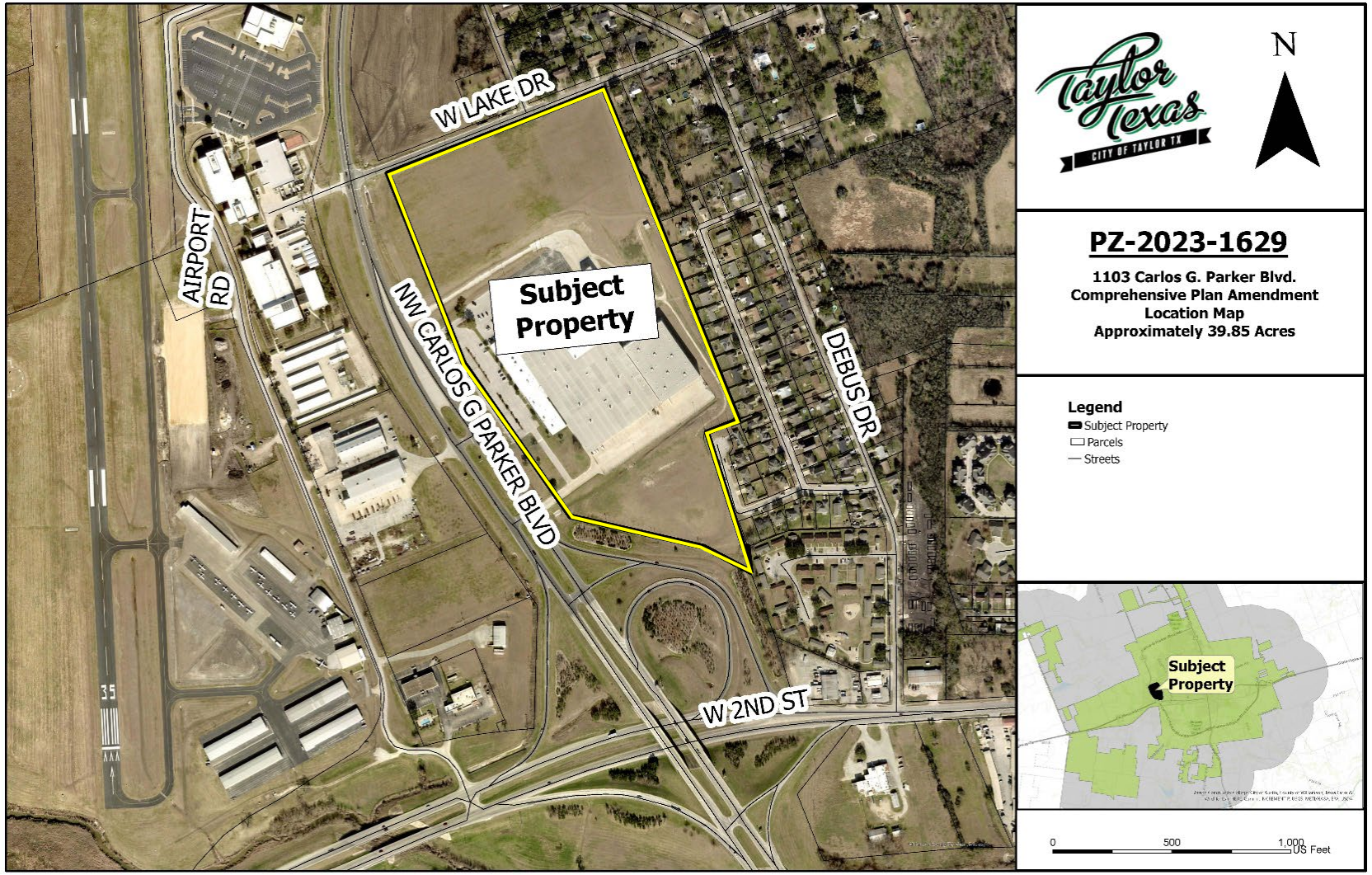
City of Taylor
City Council

March 23, 2023

PZ-2022-1629

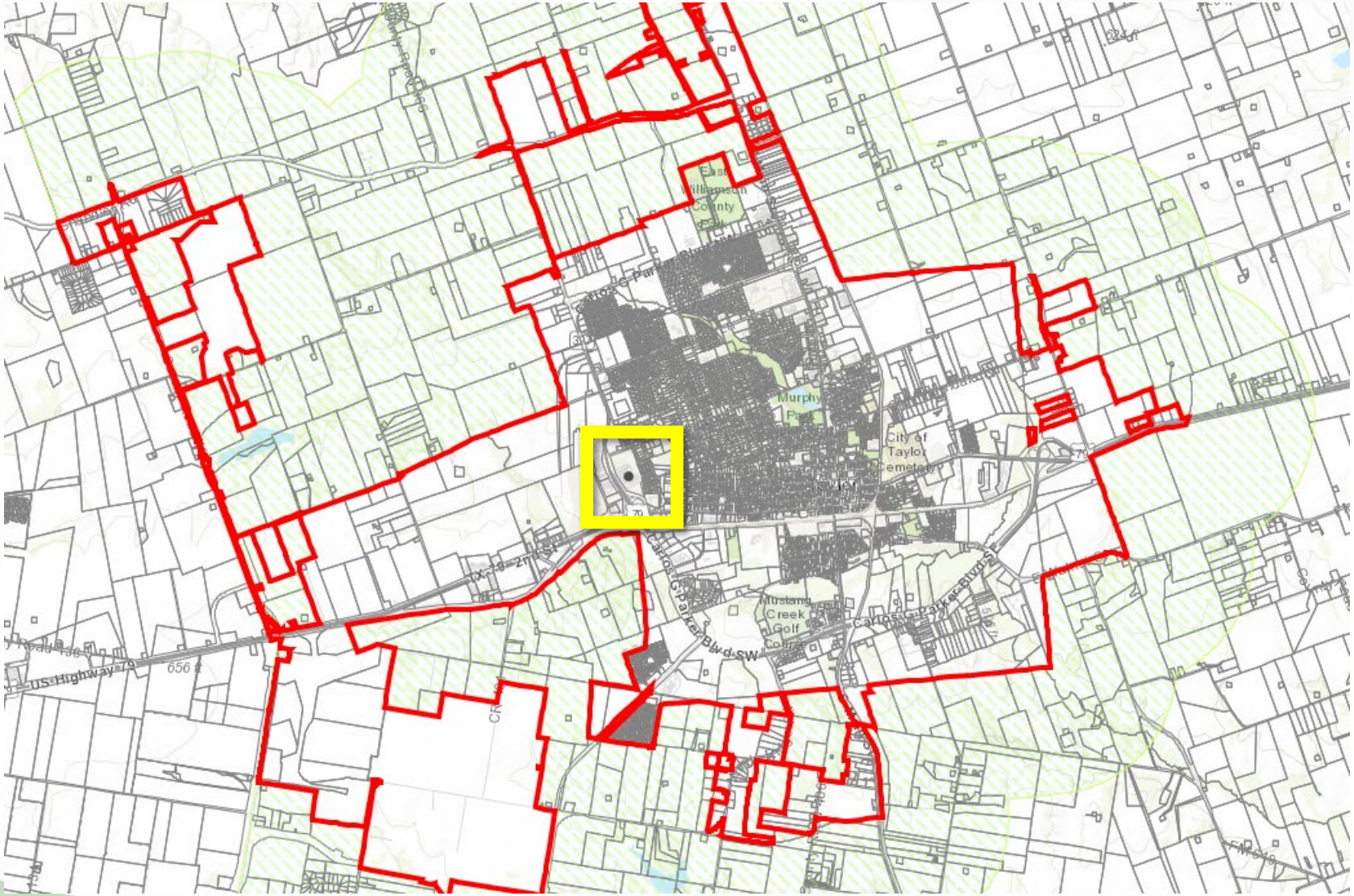
1103 Carlos G. Parker Blvd. Comprehensive Plan Amendment

Location Map

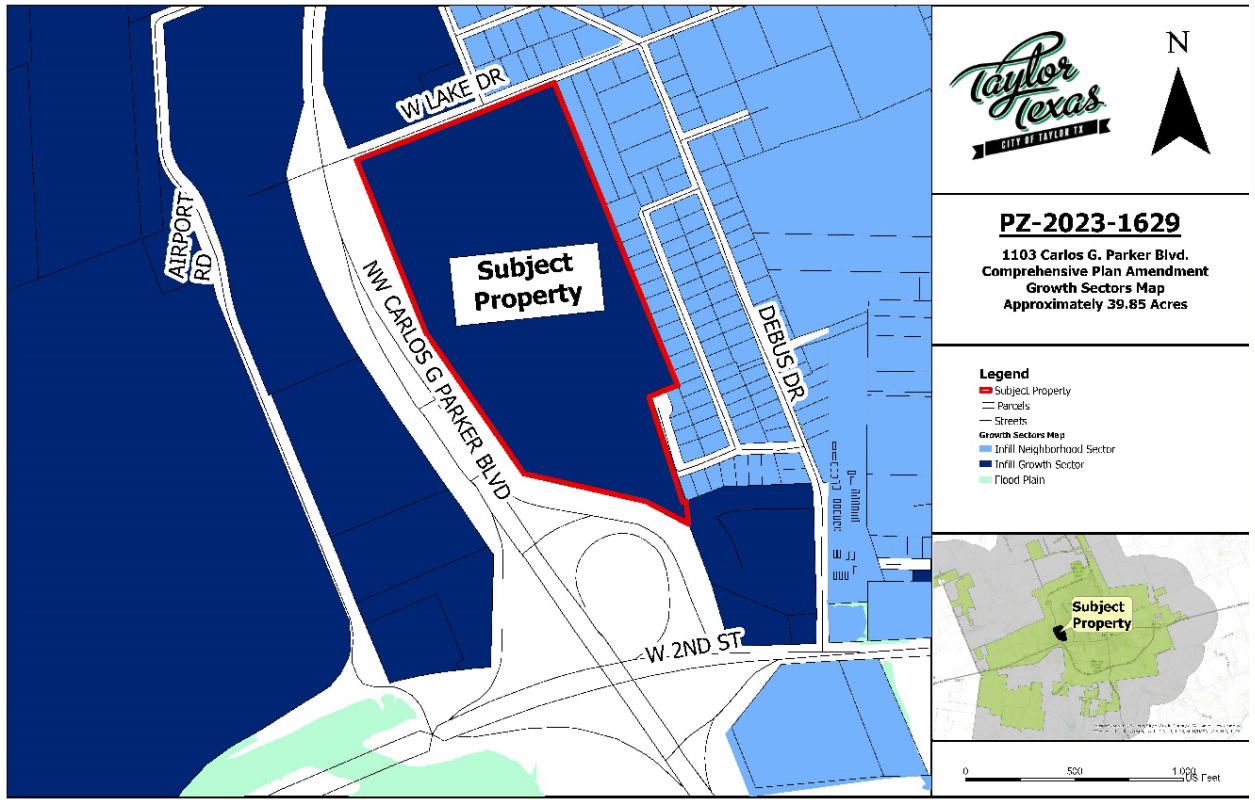


Address/Location: 1103 Carlos G. Parker Blvd.

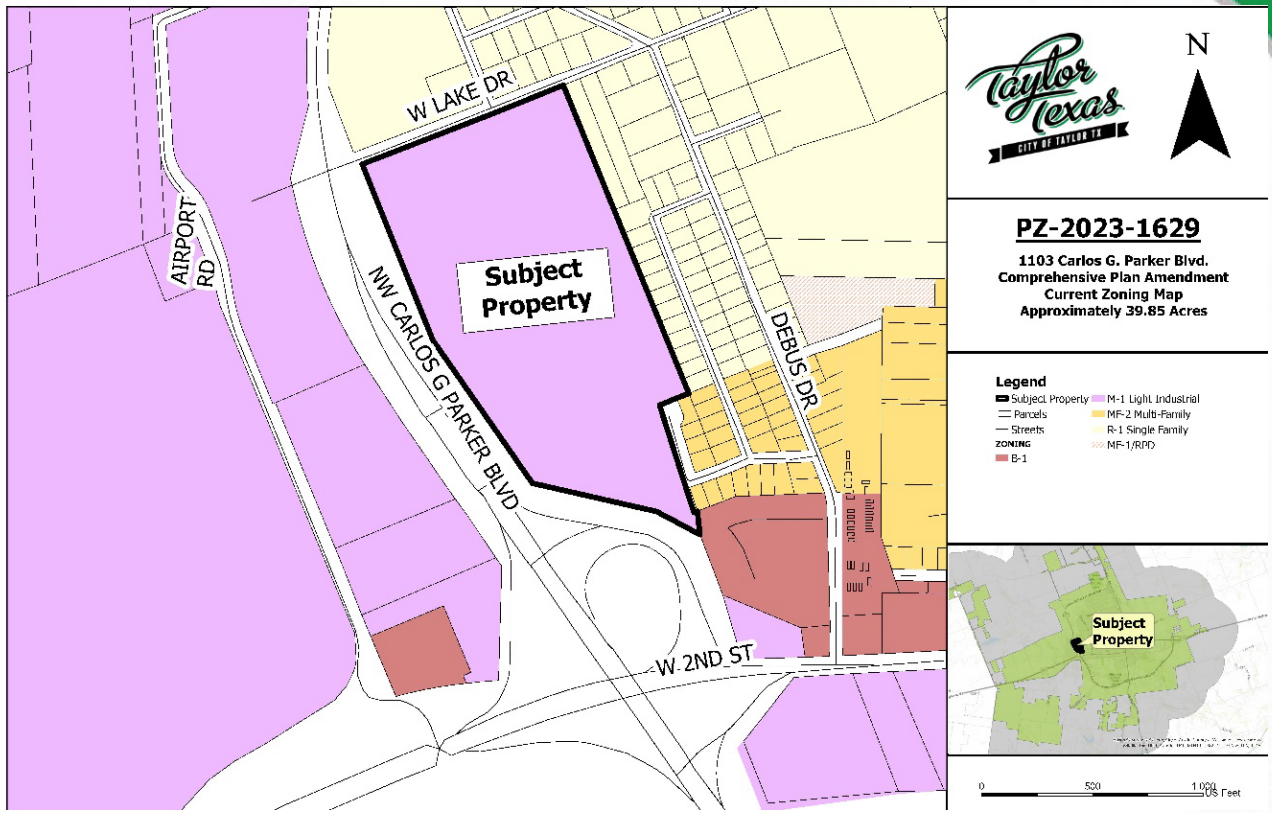
Context Area Map



Growth Sector & Zoning Maps

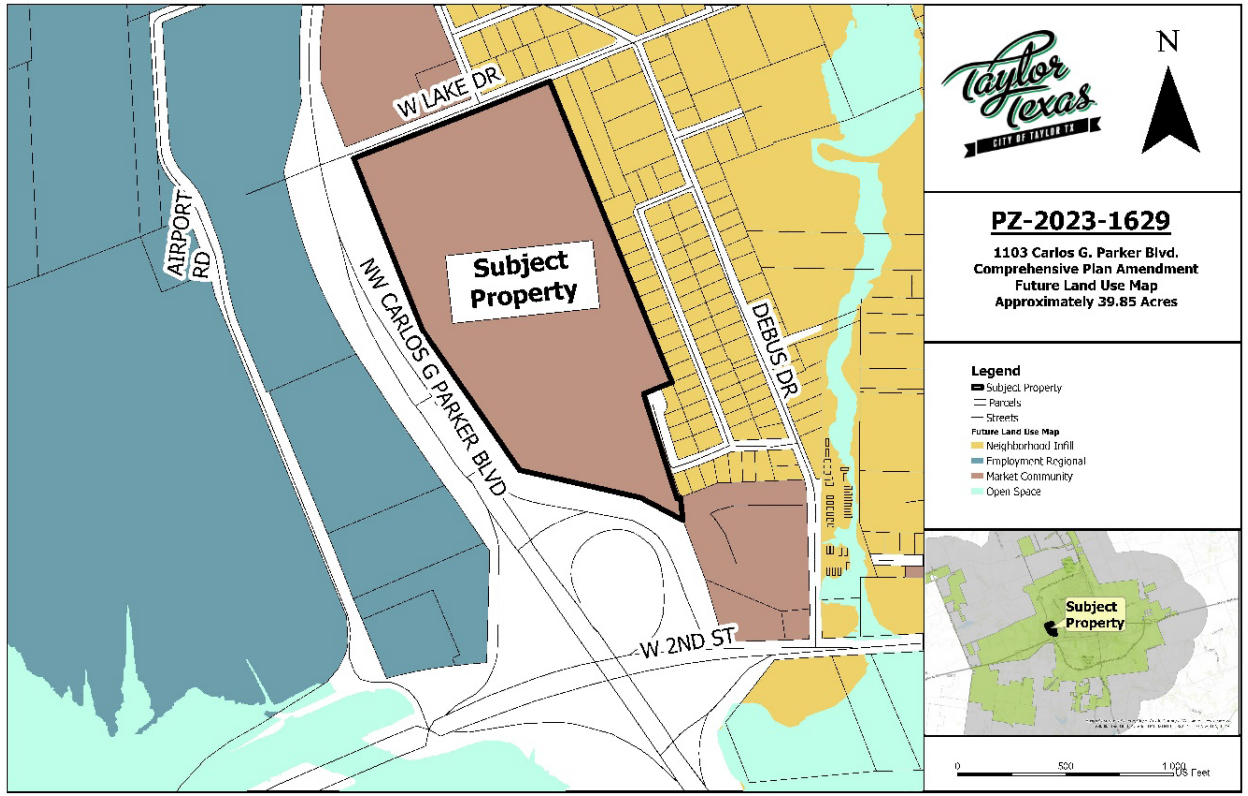


Infill Growth Sector

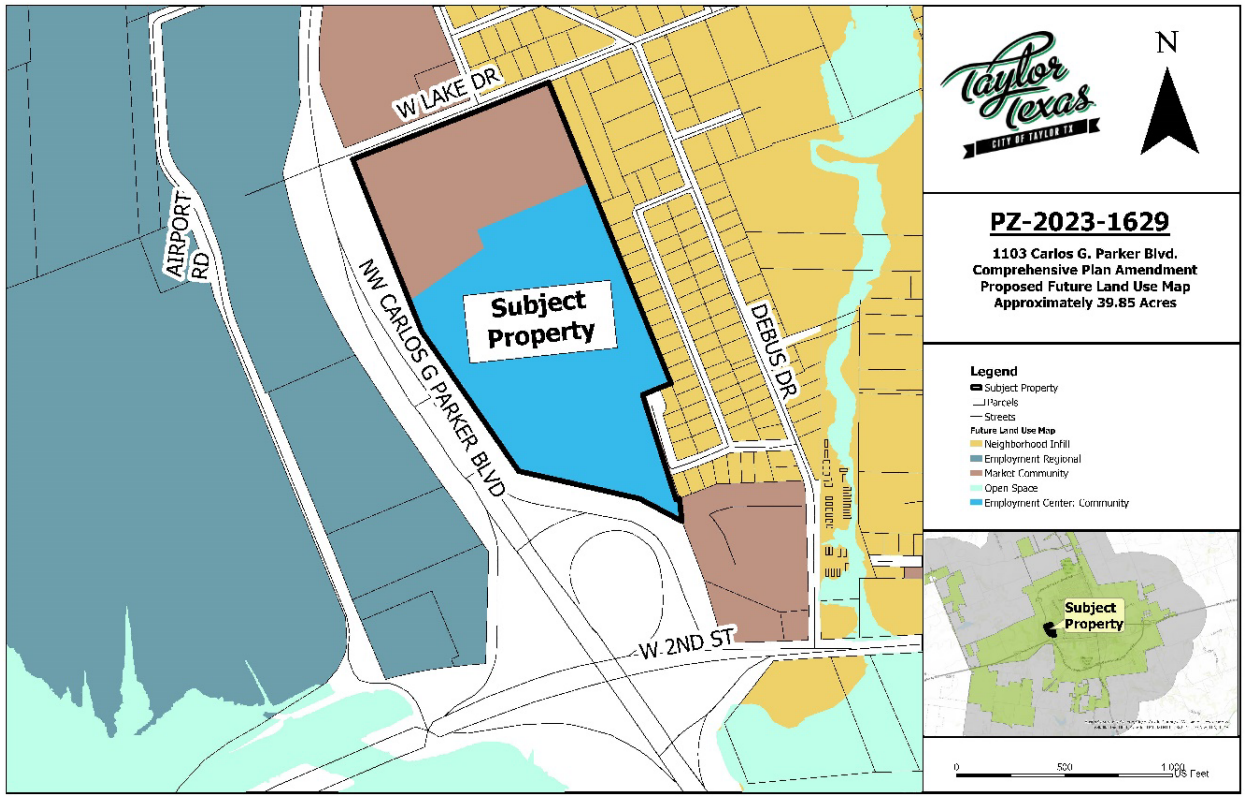


M-1, Light Industrial

Current & Proposed Future Land Use Maps

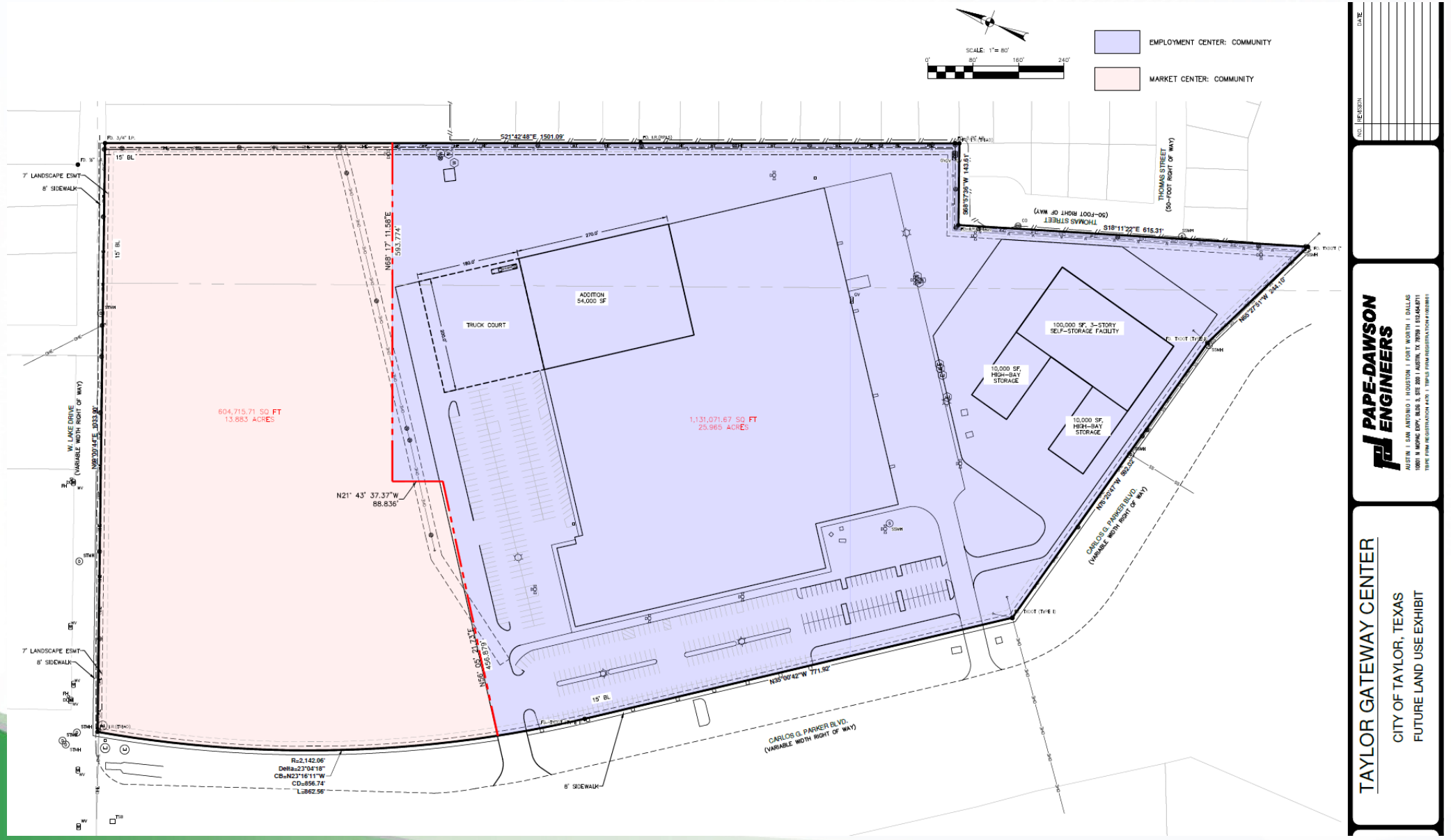


Market Center: Community



Partially Market Center: Community and Employment Center: Community

Exhibit from Applicant

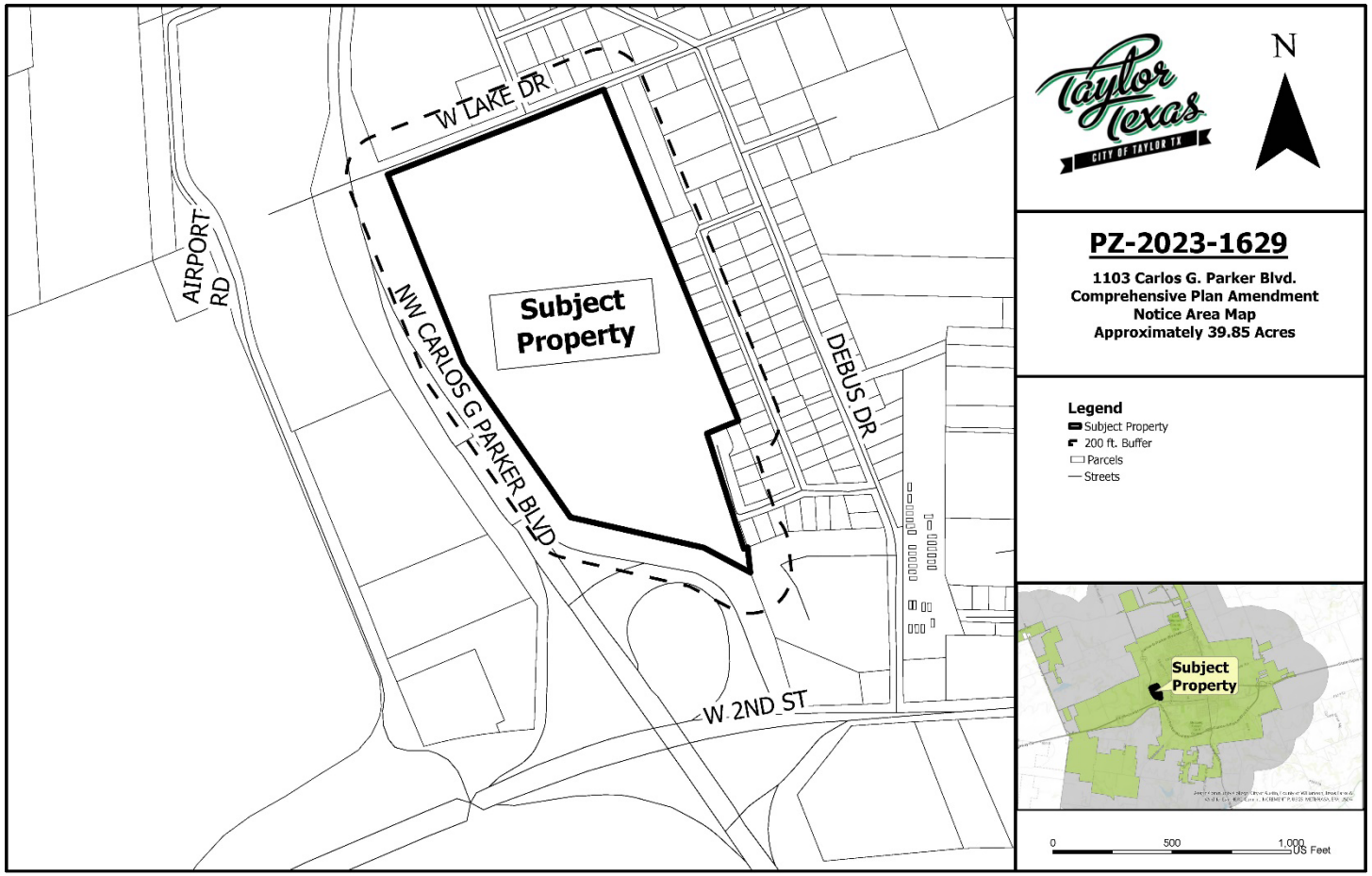


TAYLOR GATEWAY CENTER
CITY OF TAYLOR, TEXAS
FUTURE LAND USE EXHIBIT

PAPE-DAWSON ENGINEERS

Taylor Texas
CITY OF TAYLOR TX

Notice Area Map



- 61 notices were sent out to adjacent property owners within 200 ft. of the subject property and public entities.
- Staff received 0 responses from the notified parties.

P&Z Recommendation

On March 14, 2023, the Planning and Zoning Commission voted to recommend approval of the proposed Comprehensive Plan Amendment request.

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☒ Quality of Life
☒ Economic Vitality

Agenda Item #: 6

Agenda Title: **Consider Ordinance 2023-16 regarding PZ-2022-1560 a request to change the zoning designation from the zoning designation from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD) on property described as approximately 1.40 acres of land generally located along Murphy Street.**

Council Action to be taken: Consider adopting Ordinance

Department Submitted: Development Services

Staff Contact: Tom Yantis, Assistant City Manager

1. PURPOSE/DESCRIPTION

The purpose of the planned development rezoning will allow for a neighborhood that enlivens a part of the community along Murphy Street that previously served as residential property. The Planned Development incorporates attached and detached single-family and duplex (predominately arranged in a cottage court layout), civic spaces, and the flexibility for lodging, office, retail, and restaurant that is consistent with the Comprehensive Plan.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The week of October 17, 2022, the applicant, city staff, and Michael Watkins (city's urban design consultant) and his team of urban designers met to collaboratively conduct a design charette. The proposed Multi-Family Residential Planned Development (MF-1/RPD) will aim to incorporate a range of housing types to accommodate a diversity of household types and market demand and truly mesh each of the existing zoning districts (MF-1 and B-1) into a singular Planned Development. The potential for commercial uses will be located nearest the intersection of Murphy Street and E. 5th Street surrounded by a central plaza with several pocket parks and greens distributed throughout the residential courts.

For the applicant to move forward with their proposed development changes to the Official Zoning Map are necessary.

3. PROS and CONS

PROS	CONS
• Provides infill residential development near the downtown area. • Provides various lot sizes and housing types. • Provides a neighborhood design that meets the goals in the comprehensive plan of human-scale development patterns. • Provides the opportunity for small scale commercial to co-locate. • Increase in tax base.	• N/A

4. RECOMMENDATION

At their March 14, 2023, meeting the Planning and Zoning Commission recommended approval to the City Council for the proposed zoning amendment.

5. FUNDING SOURCE

N/A

6. TIMELINE

Planning and Zoning Commission public hearing and recommendation – March 14, 2023

City Council public hearing and ordinance introduction – March 23, 2023

City Council consideration of ordinance approval – April 13, 2023.

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

6a. Staff Report
6b. Growth Sectors Map
6c. Future Land Use Map
6d. Current Zoning Map
6e. Proposed Zoning Map
6f. Notice Area Map
6g. Ordinance 2023-16

(1) Exhibit A – Land Swap Descriptions & Field Notes
(2) Exhibit A – Land Swap Survey
(3) Exhibit A – Surveys
(4) Exhibit B – Planned Development Project Book
(5) Exhibit B – Planned Development Standards
(6) Exhibit C – Proposed Zoning Map

6h. PowerPoint Presentation

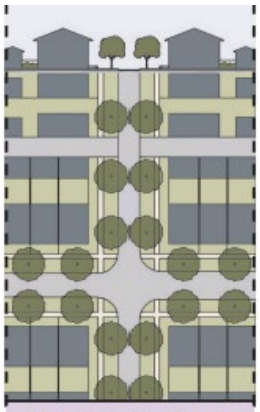
City of Taylor
PZ-2022-1560
Zoning Map Amendment
Staff Report

Item Details

Subject Property:	Generally located along Murphy Street. A Planned Development referred to as Murphy Street Revival II.
Total Acreage:	Approximately 1.40 acres
Legal Description:	Approximately 1.40 acres of land part of Lot 1 and Lots 2-5, Block 52, Lot 5, Block 53, the Northern Part of Lot 1, and Lot 6, Block 56, and the Southern Part of Lot 1, Block 57, The City of Taylor Map as recorded in Cabinet A, Slide 228, more particularly described by Williamson Central Appraisal District Parcels R015230. R015231, R015232, R015233, R015241, R015258, part of R015264, and R015266.
Property Owner(s):	Cheryl L. Vocke & David Legere (in association with Capnote, LLC)
Applicant/Representative:	David Legere
Request:	A request to amend the zoning designation from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD).
Case History:	This is the first public hearing of this request.

Overview of Applicant's Request & Background

The applicant has requested to rezone the subject properties to a Planned Development (PD) that incorporates attached and detached single-family and duplex (predominately arranged in a cottage court layout), civic spaces, and the flexibility for lodging, office, retail, and restaurant. The applicant chose to work with the City's design consultant, Michael Watkins Architect, to furnish the applicant and the city with an alternative master plan and planned development standards to address neighborhood structure and scale, civic spaces, and frontage types. The planned development contains a regulating plan to allow flexibility. The regulating plan is based on transects which act to create new walkable mixed-use environments. The natural to urban transects create a means for considering and organizing the human habitat in a continuum of intensity that ranges from the most rural condition to the most urban. The plan for Murphy Street Revival II will blend existing adjacent residential and nearby downtown commercial developments into the Neighborhood General Zone (T4).


T4: Neighborhood General Zone

The week of October 17, 2022, the applicant, city staff, and Michael Watkins and his team of urban designers met to collaboratively conduct a design charette. During that week staff observe the subject property in person and later a draft layout was identified. Since that time standards for development have been reviewed and finalized by staff. The proposed community closely aligns with the City's long-term goals and will help the City meet the growing demand for walkable communities.

Location:
The subject properties are generally located along Murphy Street, near the intersection of Murphy Street and E. 5th Street.

Physical and Natural Features:
The subject properties are vacant of structures and exist along dormant rights-of-way (Murphy and E. 5th Streets). Moderate vegetation is present on site as the area neighbors the City of Taylor Park and trail system properties.

Growth Sector Designations:
The Growth Sectors Map identifies the areas in Taylor and its extra-territorial jurisdiction (ETJ) where development and redevelopment are intended, where they should be controlled, and areas where they should be restricted. The subject property is located within the Infill Neighborhood Growth Sector. The Infill Neighborhood Growth Sector consists of areas within the city that are already developed and served by infrastructure. Infill development is encouraged to generally match the character of the existing development while allowing for incremental increases in density. Growth policies should encourage the development or redevelopment of these areas as compact residential and mixed-use development.

Future Land Use and Zoning Designations:
The Envision Taylor Comprehensive Plan identifies Future Land Use designations to guide growth in Taylor. The subject property was assigned the land use designations of Neighborhood Infill. Neighborhood Infill areas are anticipated to accommodate a slight increase in density with the inclusion of accessory dwelling units and missing middle housing such as smaller lots, townhomes, and additional corner units. In addition to housing infill neighborhoods accommodate smaller neighborhood-oriented retail and services. The developed regulating plan for the Murphy Street Revival II proposed development has been curtailed to provide corresponding elements required within the Neighborhood Infill land use category.

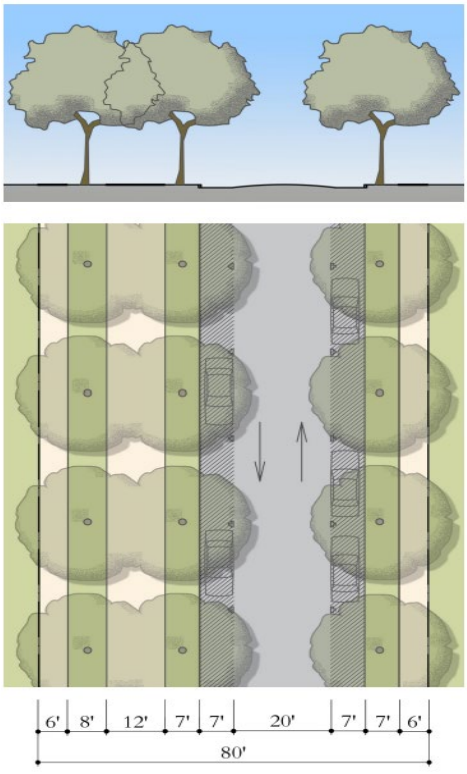
Currently the subject properties are either zoned Multi-Family (MF-2) or Local Business (B-1). The proposed Multi-Family Residential Planned Development (MF-1/RPD) will aim to incorporate a range of housing types to accommodate a diversity of household types and market demand and truly mesh each of the existing zoning districts into a singular Planned Development. Most commercial uses will be located nearest the intersection of Murphy Street and E. 5th Street surrounded by a central plaza with several pocket parks and greens distributed throughout the residential courts.

Surrounding Properties:
The current Zoning, Future Land Use designation, and Existing Uses of the adjacent properties to the north, south, east, and west are outlined in the table below:

Direction	Zoning District	Future Land Use	Existing Land Use
North	Parks (P)	Open Space	Vacant Acreage
South	Local Business (B-1)	Neighborhood Infill	E. 4th Street → Vacant Lots, Residential Structures
East	Parks (P), Local Business (B-1), & Multi-Family (MF-2)	Open Space & Neighborhood Infill	Railroad Tracks & City of Taylor Animal Shelter
West	Local Business (B-1) & Multi-Family (MF-2)	Neighborhood Infill	Small Lot Residential Structures

Utilities
There are existing 4-inch water lines along E. 5th Street and Murphy Street and existing 6-inch wastewater lines throughout the subdivision, primarily through existing alleyways.

Transportation
The subject properties are located along E. 5th Street and Murphy Street which are part of the existing Taylor gridded transportation network. These roadways are classified as Neighborhood Streets. Additionally, E. 5th Street is identified as a Priority Multi-Modal system which aims to incorporate appropriate space for pedestrians and cyclists. The Thoroughfare Plan for the Planned Development calls for a 6-foot sidewalk, 8-foot tree lawn, 12-foot multi-modal path, and a 7-foot tree lawn before reaching on-street parking and drive lanes (*see image to the right*). The thoroughfares identified in the PD are proposed as improvements to the existing public rights-of-way along E. 5th Street and Murphy Street.



E. 5th Street

Public Notification
As required by the Texas Local Government Code and the City of Taylor Code of Ordinances, all property owners within a 200-foot radius of the subject property were notified of the Zoning Map Amendment request. A total of twenty-eight (28) property owners were provided with notice of

the request. A legal notice advertising the public hearing was placed in the Taylor Press on Sunday, February 26, 2023.

Staff Analysis

Upon analyzing the request, the proposed uses as multi-family and commercial are considered consistent with the Comprehensive Plan. The uses are consistent with the following policies in the Comprehensive Plan:

- **LU1** – New Development should resemble the form and scale of traditional development patterns.
    - The development provides internal street connectivity and follows the traditional small block pattern of Taylor.
- **LU8** – A jobs-housing balance that supports people living and working in Taylor should be encouraged.
    - The proximity of the subject properties to the established downtown area provides infill housing within walking distance to potential employers.
- **LU9** – Promote development patterns that maximize the use of existing infrastructure and land before expanding infrastructure to underdeveloped areas.
    - The redevelopment of the subject properties are within the downtown Taylor area and would revive a part of the community that once served as residential property and a place of worship.
- **LU11** – Development and infrastructure decisions and regulations should result in an increase in population density and revenue per acre.
    - Developing in an area with existing infrastructure and taking advantage of a Planned Development allows the subject property to easily connect to utilities and provide a denser development while keeping with the desires of the Comprehensive Plan.
- **T3** – The transportation network should encourage all modes of travel including support for a further transit network.
    - The Planned Development standards demonstrated how E. 5th Street can meet the priority multi-modal designation by providing additional allocated space for cyclist and pedestrians linking from the existing trail system to downtown Taylor.
- **H4** – Infill missing middle housing and accessory dwelling units should be prioritized over new, large lot single family development.
    - The applicant has proposed a form of missing middle housing by proposing a variety of unit types outline in the Planned Development with varying lot sizes and capability of accessory structures or dwelling units.

In summary, the applicant's request to change the zoning district designation from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD) is consistent with the Comprehensive Plan in this location.

Staff Recommendation

For the reasons stated in the staff analysis, staff recommends approval of the requested rezoning.

Planning and Zoning Commission Recommendation

The Planning and Zoning Commission is charged with reviewing all requests for rezonings and recommends to City Council either in favor of or opposition to each request. In determining a recommendation on a rezoning request, the Planning and Zoning Commission members consider the following factors:

- **Is the rezoning consistent with the Comprehensive Plan?**
  The rezoning request is consistent with the Comprehensive Plan. As mentioned previously in the report, the proposed rezoning combines existing multi-family residential districts with commercial uses.

- **Is the rezoning compatible with the surrounding area?**
  The rezoning is compatible with the surrounding area as most of the immediate area is vacant land and land that incorporates single family housing neighboring a community church and various businesses.

- **Does the rezoning promote the public health, safety, or general welfare?**
  Staff analysis determined that the rezoning of the subject property will promote public health, safety, and general welfare. In addition, the Planning Principles and Policy Guide in the Comprehensive Plan aim to promote health, safety, and general welfare by managing growth, while promoting safe and orderly development.

- **Is adequate infrastructure available or planned to meet the needs of the proposed land use?**
  Existing roadways and adequate water and wastewater facilities are directly available. Any upgrades to these systems will be the responsibility of the developer.

- **Do current conditions indicate that a rezoning is necessary?**
  Currently, the city's existing zoning regulations do not comply with the overarching goals and policies within the Comprehensive Plan. Curating a planned development allows the applicant the ability to create a denser development that will meet the intent of the Comprehensive Plan. The Planned Development would allow the subject property to consist of a walkable community of mixed uses ranging from multi-family, office, retail, restaurant, and civic uses.

Attachments:

1. Growth Sectors Map
2. Future Land Use Map
3. Current Zoning Map
4. Proposed Zoning Map
5. Notice Area Map
6. Draft Ordinance
    a. Exhibit "A" Survey
    b. Exhibit "B" Proposed PD Standards
    c. Exhibit "C" Proposed Zoning Map

E 6TH ST

E 5TH ST

BURKETT ST

MURPHY ST

ELLIOTT ST

E 4TH ST

E 3RD ST

N ROBINSON ST

Subject Properties

Taylor Texas
CITY OF TAYLOR TX

N

PZ-2022-1560

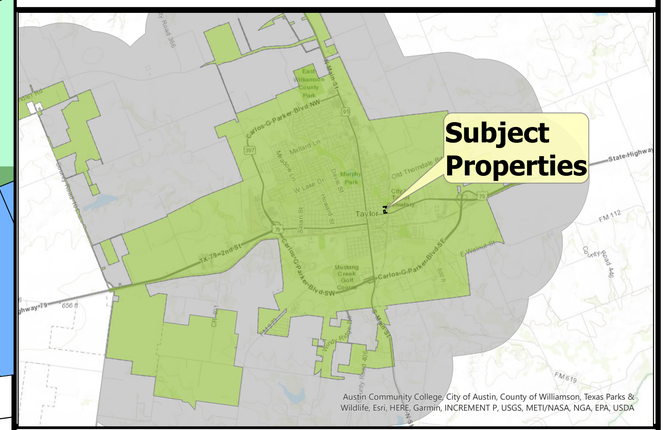
MSR II PD/Re-Zoning
Growth Sectors Map
Approximately 1.40 Acres

Legend

- Subject Property
- Parcels
- Streets

Growth Sectors

- Preserved Open Sector
- Infill Neighborhood Sector
- Infill Growth Sector
- Flood Plain



0 212.5 425 US Feet

N

PZ-2022-1560

MSR II PD/Re-Zoning
Future Land Use Map
Approximately 1.40 Acres

Subject Properties

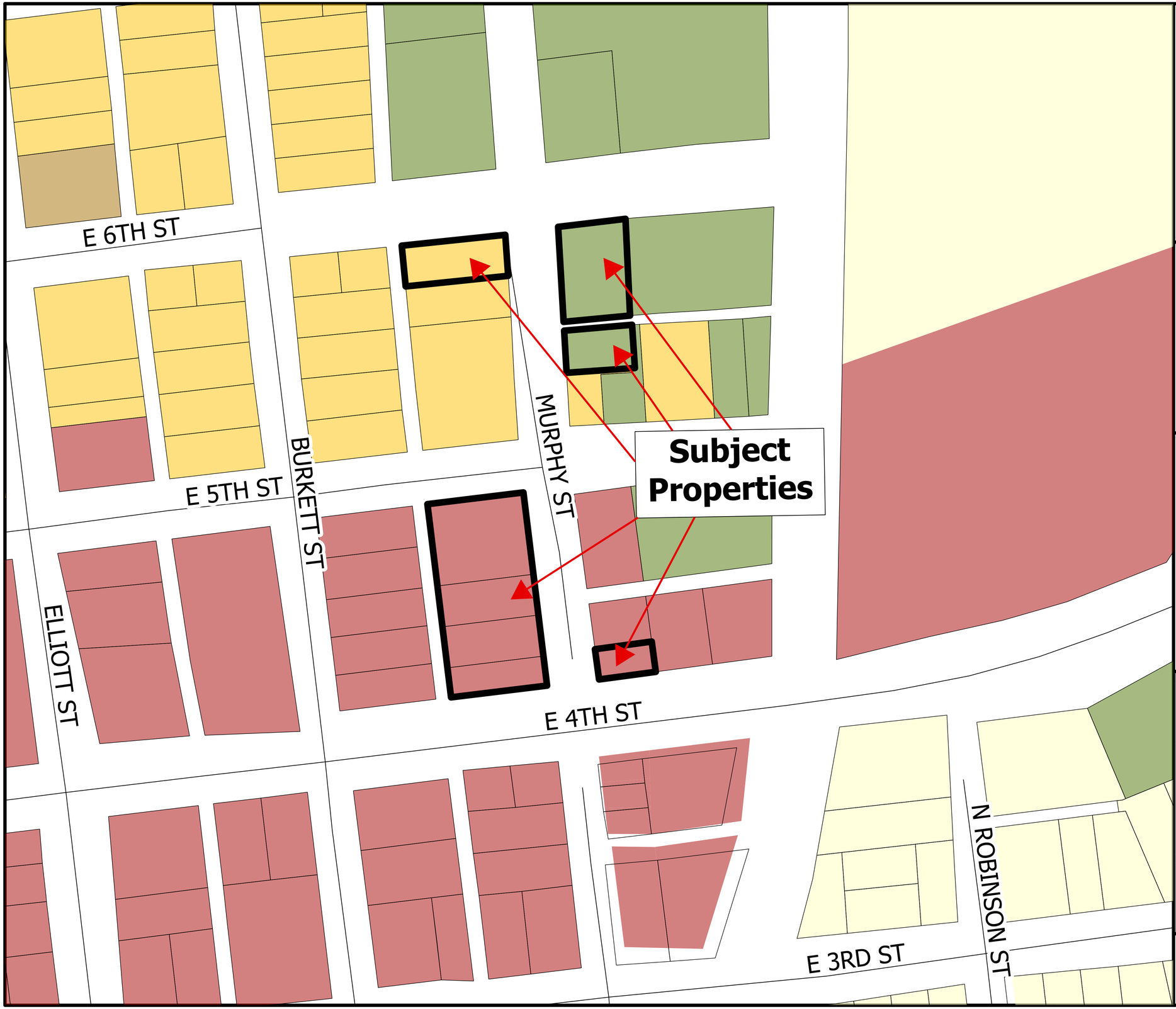
E 6TH ST
E 5TH ST
E 4TH ST
E 3RD ST
BURKETT ST
MURPHY ST
ELLIOTT ST
N ROBINSON ST

Legend
- Subject Property
- Parcels
- Streets

Future Land Use
- Area of Minimal Change
- Neighborhood Infill
- Market Community
- Open Space



0 212.5 425 US Feet



Taylor Texas
CITY OF TAYLOR TX

N

PZ-2022-1560

MSR II PD/Re-Zoning
Current Zoning Map
Approximately 1.40 Acres

Legend

- Subject Property
- Parcels
- Streets

ZONING

- B-1
- I Institutional
- MF-2 Multi-Family
- P Parks
- R-1 Single Family



0 212.5 425 US Feet

N

PZ-2022-1560

MSR II PD/Re-Zoning
Proposed Zoning Map
Approximately 1.40 Acres

Subject Properties

E 6TH ST
E 5TH ST
E 4TH ST
E 3RD ST
BURKETT ST
MURPHY ST
ELLIOTT ST
N ROBINSON ST

Legend

- Subject Property
- Parcels
- Streets

ZONING

- B-1
- I Institutional
- MF-2 Multi-Family
- P Parks
- R-1 Single Family
- MF-1/RPD



0 212.5 425 US Feet

N

PZ-2022-1560

MSR II PD/Re-Zoning
Notice Area Map
Approximately 1.40 Acres

Legend
- Subject Property
- 200 ft. Buffer
- Parcels
- Streets



0 212.5 425 US Feet

E 6TH ST
E 5TH ST
E 4TH ST
E 3RD ST
BURKETT ST
MURPHY ST
ELLIOTT ST
N ROBINSON ST
Subject Properties

ORDINANCE NO. 2023-16

AN ORDINANCE CHANGING THE ZONING ON PROPERTY DESCRIBED AS APPROXIMATELY 1.40 ACRES OF LAND GENERALLY LOCATED ALONG MURPHY STREET, FROM LOCAL BUSINESS (B-1), MULTI-FAMILY RESIDENTIAL (MF-2) AND PARKS (P) TO MULTI-FAMILY RESIDENTIAL WITH A PLANNED DEVELOPMENT OVERLAY (MF-1/RDP), PART OF LOT 1 AND LOTS 2-5, BLOCK 52, LOT 5, BLOCK 53, THE NORTHERN PART OF LOT 1, AND LOT 6, BLOCK 56, AND THE SOUTHERN PART OF LOT 1, BLOCK 57, THE CITY OF TAYLOR MAP AS RECORDED IN CABINET A, SLIDE 228, TAYLOR, WILLIAMSON COUNTY, TEXAS; PROVIDING A SAVINGS CLAUSE.

WHEREAS, the Taylor City Council, after proper notice, conducted a public hearing on March 23, 2023, to consider the request made by David Legere, for property which is legally described in Exhibit "A" attached hereto and incorporated by reference herein for all purposes ("Property"), to change the zoning for the Property from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD); and

WHEREAS, the Planning and Zoning Commission, after proper notice, conducted a public hearing on March 14, 2023, to consider the zoning request, and recommended the change to the City Council; and

WHEREAS, the City Council, after the public hearing, approves the request for the Property zoning change.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TAYLOR, TEXAS, that:

SECTION 1. The facts and recitations contained in the preamble of this Ordinance are hereby declared to be true and correct and are incorporated by reference herein and made a part hereof, as if copied verbatim.

SECTION 2. The Property described in Exhibit "A" is changed from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD);).

SECTION 3. The Planned Development overlay hereby referred to as the Murphy Street Revival II Planned Development including the permitted land uses and development standards that shall be applied to and be required for the Property are described in Exhibit "B" attached hereto and incorporated herein for all purposes. Notwithstanding Section 2.17.5 of the Zoning Ordinance, the minimum lot sizes and densities shall be as established in the Planned Development standards in Exhibit "B".

SECTION 4. The Official Zoning Map of the City of Taylor, Texas is changed to show the Property zoning district changed from Local Business (B-1), Multi-Family Residential (MF-2), and Parks (P) to Multi-Family Residential with a Planned Development Overlay (MF-1/RPD);

on approximately 1.40 acres as shown in Exhibit "C" attached hereto and incorporated herein for all purposes.

SECTION 5. All other terms and conditions contained in the official zoning map, except as amended herein, shall continue and remain in full force and effect.

SECTION 6. Should any section, paragraph, clause, phrase, or provision of this Ordinance be adjudged invalid or held unconstitutional, the same shall not affect the validity of this Ordinance as a whole or any part of the provisions thereof, other than the part so decided to be invalid or unconstitutional.

SECTION 7. In accordance with Article VIII of the City Charter, Ordinance 2023-16 was introduced before the Taylor City Council on the 23rd day of March 2023.

PASSED, APPROVED, and ADOPTED on the _____ day of _____ 2023.

_____
Brandt Rydell, Mayor

ATTEST:

_____
Dianna McLean, City Clerk

APPROVED AS TO FORM:

_____
Ted Hejl,
City Attorney

CERTIFICATE

THE STATE OF TEXAS

COUNTY OF WILLIAMSON

I, Dianna McLean, being the current City Clerk of the City of Taylor, Texas, do hereby certify that the attached is a true and correct copy of Ordinance No. 2023-16, passed and approved by the City Council of the City of Taylor, Texas, on the _____ day of _____ 2023, and such Ordinance was duly introduced, passed, approved and adopted at meetings open to the public and notices of the meetings, giving the dates, places, and subject matter thereof, were posted as prescribed by Government Code Section 551.043.

Witness my hand and seal of office this _____ day of _____ 2023.

_____
Dianna McLean
City Clerk

EXHIBIT A

(Legal Description/Survey)

ELECTRONICALLY RECORDED 2023024458
Williamson County, Texas Total Pages: 4

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

GF# TWH2200100

WARRANTY DEED

Date: March 29, 2023

Grantor: DAVID LEGERE, a Single Man

Grantor's Mailing Address: 1462 F.M. 112
Lexington, Lee County,
Texas 78947

Grantee: CITY OF TAYLOR, TEXAS, a Home Rule Political Subdivision

Grantee's Mailing Address: 400 Porter Street
Taylor, Williamson County,
Texas 76574

Consideration:

TEN DOLLARS ($10.00), and other good and valuable consideration cash to Grantor paid by the Grantee herein named, the receipt of which is hereby acknowledged and confessed, and for the payment of which no right or lien, expressed or implied, is retained.

Property (including any improvements):

Lot 3, Block 57, City of Taylor, Williamson County, Texas, according to the map or plat thereof recorded in Cabinet A, Slide 186, Plat Records of Williamson County, Texas.

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing restrictions, reservations, covenants, conditions, oil and gas leases, mineral interests, and water interests outstanding in persons other than Grantor, and other instruments, other than conveyances of the surface fee estate, that affect the Property; validly existing rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; all rights, obligations, and other matters arising from and existing by reason of the Williamson County Lower Brushy Creek Water Control and Improvement District; and taxes for 2023, which Grantee assumes and agrees to pay, and subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, executors, administrators, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs, executors, administrators and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, executors, administrators, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as

to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

When the context requires, singular nouns and pronouns include the plural.

Grantee is purchasing the Property in an "as is" condition with no representations made or implied as to the quality, fitness, or condition of the Property by the Grantor. Grantee is purchasing the Property based solely upon its inspection and is not relying on any representations made by Grantor. No representations of the use, fitness, size, quality or any other matters concerning the Property have been made by Grantor to Grantee. Grantor warrants only title to the Property as set forth in this Deed.

David Legere

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

This instrument was acknowledged before me on this the 29th day of March, 2023, by David Legere.

CHASATY HUCKABAY
Notary Public, State of Texas
Notary ID# 1196748-2
My Commission Expires
MAY 11, 2024

Notary Public in and for
The State of Texas

RETURN TO
Longhorn Title Co.
1902 OLD GRANGER RD.
TAYLOR, TX 76574

ELECTRONICALLY RECORDED
OFFICIAL PUBLIC RECORDS

2023024458

Pages: 4 Fee: $34.00
03/30/2023 08:39 AM
MBARRICK

Nancy E. Rister, County Clerk
Williamson County, Texas

ELECTRONICALLY RECORDED 2023024459
Williamson County, Texas Total Pages: 3

WATER DISTRICT NOTICE

GF # TWH2200101

The real property, described below, which you are about to purchase, is located in the Lower Brushy Creek Water Control and Improvement District.

The district has taxing authority separate from any other taxing authority and may, subject to voter approval, issue an unlimited amount of bonds and levy an unlimited rate of tax in payment of such bonds. As of this date, the most recent rate of taxes levied by the district on real property located in the district is 0.017374%, of each $100.00 of assessed valuation. The total amount of bonds which has been approved by the voters and which has been or may, at this date, be issued is $0, and the aggregate initial principal amounts of all bonds issued for one or more of the specified facilities of the district and payable in whole or in part from property taxes is $0.

The district has the authority to adopt and impose a standby fee on property in the district that has district-financed water or sewer facilities and services available but not connected. The district may exercise the authority without holding an election on the matter. As of this date, the most recent amount of the standby fee is Not Known. An unpaid standby fee is a personal obligation of the person who owned the property at the time of imposition and is secured by a lien on the property. Any person may request a certificate from the district stating the amount, if any, of unpaid standby fees on a tract of property in the district.

The purpose of this district is to provide water, sewer, drainage, and flood control facilities and services within the district through the issuance of bonds payable in whole or in part from property taxes. The cost of these utility facilities is not included in the purchase price of your property, and these utility facilities are owned or are to be owned by the district. The legal description of the property which you are acquiring is as follows:

Lot 3, Block 57, City of Taylor, Williamson County, Texas, according to the map or plat thereof recorded in Cabinet A, Slide 186, Plat Records of Williamson County, Texas.

The undersigned purchaser hereby acknowledges receipt of the foregoing notice at or prior to execution of a binding contract for the purchase of the real property described in such notice or at closing of purchase of the real property.

Purchaser is advised that the information shown on this form is subject to change by the district at any time. The district routinely establishes tax rates during months of September through December of each year, effective for the year in which the tax rates are approved by the district. Purchaser is advised to contact the district to determine the status of any current or proposed changes to the information shown on this form.

EXECUTED this the 29th day of March, 2023.

SELLER'S SIGNATURE(S):

David Legere

BUYER/BORROWER'S SIGNATURE(S):

CITY OF TAYLOR, TX

BY: Brandt Rydell
ITS: Mayor

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

SWORN TO, SUBSCRIBED AND ACKNOWLEDGED BEFORE ME, by the said David Legere, this the **March 29, 2023**.

CHASATY HUCKABAY
Notary Public, State of Texas
Notary ID# 1196748-2
My Commission Expires
MAY 11, 2024

NOTARY PUBLIC STATE OF TEXAS

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

SWORN TO, SUBSCRIBED AND ACKNOWLEDGED BEFORE ME, by the said City of Taylor, Texas, a Home Rule Municipal Corporation, this the **March 29, 2023**.

CHASATY HUCKABAY
Notary Public, State of Texas
Notary ID# 1196748-2
My Commission Expires
MAY 11, 2024

NOTARY PUBLIC STATE OF TEXAS

RETURN TO
Longhorn Title Co.
1902 OLD GRANGER RD.
TAYLOR, TX 76574

ELECTRONICALLY RECORDED
OFFICIAL PUBLIC RECORDS

2023024459

Pages: 3 Fee: $30.00
03/30/2023 08:39 AM
MBARRICK

Nancy E. Rister, County Clerk
Williamson County, Texas

DISCLOSURE TO SELLER, BUYER/BORROWER ABOUT PATRICK F. DOYLE AND DOYLE LAW FIRM, PLLC

I. REPRESENTATION OF INTERESTS

In connection with the transaction you are closing today, a document of conveyance and/or curative documents have been prepared on behalf of Seller and Buyer/Borrower, and/or a loan has been obtained from a lending institution (or individual owner under an owner-finance) to finance all or part of the purchase price of Borrower's property, or to refinance an earlier loan made to Borrower, or which Borrower assumed, that is secured on the subject property. Seller, Buyer/Borrower or and/or lender is using the services of the law firm of **DOYLE LAW FIRM, PLLC** in the preparation of various legal instruments and loan documents in connection with this transaction, and you must pay for such services. By signing below, Borrower is acknowledging that **DOYLE LAW FIRM, PLLC** has not represented Borrower's interests or given Borrower any legal advice concerning the contract to sell and purchase the property, if applicable, or otherwise related to the property or to the legal instruments and loan documents executed in connection with the home loan transaction or the closing of the transaction itself.

II. RELATIONSHIP OF PATRICK F. DOYLE AND DOYLE LAW FIRM, PLLC

PATRICK F. DOYLE is the sole owner of the law firm of **DOYLE LAW FIRM, PLLC.**

III. RELATIONSHIP OF TITLE COMPANY AND PATRICK F. DOYLE

PATRICK F. DOYLE is the sole owner of **Texan Title Holdings, LLC,** which is the parent company of **LONGHORN TITLE COMPANY, LLC,** located in **Georgetown and Taylor, Texas**

IV. RELATIONSHIP OF TAX SERVICE PROVIDER AND PATRICK F. DOYLE

PATRICK F. DOYLE is the sole owner of **Realty Tax Search, Inc.,** which provides ad valorem tax searches, and collects, stores and disseminates such information regarding your transaction, and collects a standard fee for services related thereto.

V. FREEDOM TO HIRE A LAWYER

By signing below, each party hereto acknowledges that they have had the opportunity to consult independent counsel or hire an attorney to represent them regarding this transaction and its consequences.

VI. OBLIGATION TO PAY LEGAL FEES

By signing below, each party acknowledges that they must pay at the time of closing, or on demand, the legal fees of **DOYLE LAW FIRM, PLLC** as each party may have agreed to pay in the contract of sale and purchase or in the loan application or any other document they may have signed. The charges for the services of **DOYLE LAW FIRM, PLLC** are set forth on the closing statement or settlement statement furnished by the closing agent. You have not been charged any fee for preparation of any Truth-in-Lending Statement or RESPA Good Faith Estimate of closing costs. Attached hereto as **Exhibit "A"** and incorporated herein is **PATRICK F. DOYLE** 's Affiliated Business Arrangement Disclosure Statement, which sets forth **DOYLE LAW FIRM, PLLC**'s relationship to **PATRICK F. DOYLE** and Settlement Service Charge or range of charges.

VII. DESCRIPTION OF LEGAL SERVICES

In representing the lender's interest in this loan transaction, **DOYLE LAW FIRM, PLLC** provided a variety of services of a legal nature. **DOYLE LAW FIRM, PLLC** reviews as necessary the sales contract, survey, title report or commitment of title insurance, various documents of record such as restrictions and easements, and typically prepares such instruments as the Note, Deed of Trust, Affidavits and various miscellaneous documents required by the lender.

Furthermore, each party hereto acknowledges that **DOYLE LAW FIRM, PLLC** may have prepared certain documents upon the request of **Longhorn Title Company, LLC**, and has not in any manner, undertaken to assist or render legal advice to the undersigned, with respect to this transaction. The attorney preparing the documents represents **Longhorn Title Company, LLC.**

Each party hereto has been provided with an opportunity to examine the title commitment issued by the title company in this transaction, and is satisfied with the contents of such commitment. Further, each party hereto agrees and understands that this transaction is not "closed" until all disbursements are made on behalf of all parties. In the event there are any additional charges for anyone furnishing services, requiring payoff, or by any taxing authority, each party hereto will pay such charges upon written request.

The undersigned understand and agree that the parties may allocate payment of legal fees between themselves as they may agree.

VIII. ACKNOWLEDGEMENT/WHAT SIGNING THIS MEANS

By signing below, you acknowledge to the lender, **DOYLE LAW FIRM, PLLC** and **PATRICK F. DOYLE** that you have received a copy of this disclosure, that you have read all of the above statements, that you understand them, and that what has been stated in this disclosure is accurate and truthful. Furthermore, you acknowledge that you have read this disclosure form and understand that **PATRICK F. DOYLE** is referring you to purchase the settlement services as described herein on **Exhibit "A"** and may receive a financial or other benefits as the result of this referral.

EXECUTED this 29th day of March, 2023.

SELLER'S SIGNATURES:

David Legere

BUYER/BORROWER'S SIGNATURES:

CITY OF TAYLOR, Texas, a Home Rule Political Subdivision

BY: Brandt Rydell

ITS: Mayor

Original Returned to Lender with Package
Copy to Borrower

EXHIBIT "A"

AFFILIATED BUSINESS ARRANGEMENT DISCLOSURE STATEMENT
NOTICE

FROM: PATRICK F. DOYLE
GF#: TWH2200101

This is to give you notice that **PATRICK F. DOYLE** has a business relationship with and ownership interest in **TEXAN TITLE HOLDINGS, LLC,** which is the parent company of **LONGHORN TITLE COMPANY, LLC**. **PATRICK F. DOYLE**, the sole owner of the law firm of **DOYLE LAW FIRM, PLLC**, is also the sole owner of **TEXAN TITLE HOLDINGS, LLC,** which is the parent company of **LONGHORN TITLE COMPANY, LLC** (real estate closing services).

Set forth below is the estimated charge or range of charges of the settlement services listed. You are **NOT** required to use the listed providers as a condition for closing your transaction of the subject property. **THERE ARE OTHER SETTLEMENT SERVICE PROVIDERS AVAILABLE WITH SIMILAR SERVICES. YOU ARE FREE TO SHOP AROUND TO DETERMINE THAT YOU ARE RECEIVING THE BEST SERVICES AND THE BEST RATE FOR THESE SERVICES.**

Provider and Settlement Services Charge or Range of Charges:

LONGHORN TITLE COMPANY, LLC (premium fees as set by State Board of Insurance and vary depending on value of transaction and credits available to consumer)

ACKNOWLEDGEMENT

I/we have read this disclosure form, and understand that Patrick F. Doyle is referring me/us to purchase the above-described settlement services and may receive a financial or other benefit as the result of this referral.

SELLER'S SIGNATURES:

David Legere

BUYER/BORROWER'S SIGNATURES:

CITY OF TAYLOR, Texas, a Home Rule Political Subdivision

BY: Brandt Rydell

ITS: Mayor

LONGHORN TITLE COMPANY, LLC
Title Company Disclosure

GF # TWH2200101

BUYER(S): **City of Taylor, Texas, a Home Rule Municipal Corporation**

SELLER(S): **David Legere**

LENDER:

PROPERTY ADDRESS: **4th Street**
Taylor, TX 76574

LEGAL DESCRIPTION:

Lot 3, Block 57, City of Taylor, Williamson County, Texas, according to the map or plat thereof recorded in Cabinet A, Slide 186, Plat Records of Williamson County, Texas.

By executing this Closing Affidavit, each SELLER and/or BUYER acknowledges their understanding of the disclosures being made by **LONGHORN TITLE COMPANY, LLC,** and affirms the representations made by them to **LONGHORN TITLE COMPANY, LLC.** Each disclosure and/or representation may jointly benefit **LONGHORN TITLE COMPANY, LLC** and its title insurance underwriter-in-interest.

Please initial all appropriate paragraphs. Singular reference to "Seller" and "BUYER" includes multiple individuals/entities identified above. Any numbered item not applying to this transaction may be crossed out.

1. WAIVER OF INSPECTION: In consideration of the issuance by **LONGHORN TITLE COMPANY, LLC** to BUYER of an Owner Policy of Title Insurance insuring good and indefeasible title to the Property subject to the policy's terms and conditions, BUYER hereby waives any obligation on the part of **LONGHORN TITLE COMPANY, LLC** to inspect the Property. BUYER agrees to accept an Owner Policy containing the standard Schedule "B" exceptions. Additionally, exceptions will be taken to matters specific to this property as shown on schedule B of the Title Commitment.:

   Since **LONGHORN TITLE COMPANY, LLC** examines only the record title and does not actually see the Property, BUYER/BORROWER waives inspection of the property by **LONGHORN TITLE COMPANY, LLC** and accepts the policy subject to the "Rights of Parties in Possession". Within the meaning of this exception, "possession" shall include open acts or visible evidence of occupancy and any visible and apparent roadway or easement on or across all or any part of the property, but this exception does not extend to any right, claim, or interest evidenced by a document recorded in the Real Property Records of Williamson County, Texas. Buyer/Borrower agrees to be fully responsible for inspecting the Property to determine the rights of any party in possession and assumes full responsibility for obtaining possession from its present occupants, if any. However, if you refuse to accept an Owner Policy of Title Insurance containing an exception as to "rights of parties in possession", **LONGHORN TITLE COMPANY, LLC** may require an inspection of the Property and additional charges may be assessed for the reasonable and actual costs of such an inspection. **LONGHORN TITLE COMPANY, LLC** may make additional exceptions to title which may be included in said Owner Policy of Title Insurance for matters as revealed by such inspection.

BUYER's Initials: _____ _____

2. **RECEIPT OF COMMITMENT:** BUYER acknowledges having received and reviewed a copy of the preliminary Title Commitment issued in connection with the above referenced transaction and understands that BUYER'S Owner Policy will contain the exceptions set forth in Schedule "B" of the Commitment, together with any additional exceptions to title resulting from the documents involved in this transaction, any additional exceptions to title resulting from the final search of public records, and any additional exceptions for items shown on Schedule C of the Commitment for Title Insurance which have not been resolved.

BUYER's Initials: _____ _____

3. **SURVEY:**

UNSURVEYED PROPERTY: BUYER understands that no survey of the Property has been done in connection with this transaction and that the Owner Policy to be issued to BUYER will not provide title insurance coverage against encroachment of improvements, boundary conflicts, inadequacies in the description of the Property or other matters of any type or nature whatsoever that would be found revealed by a current survey. **LONGHORN TITLE COMPANY, LLC** has not attempted to determine if the Property lies in a special flood hazard area, and nor has **LONGHORN TITLE COMPANY, LLC** has not made any representation concerning the proximity of the Property in relation to any flood-plain or flood hazard area.. BUYER is advised that information concerning special flood hazard areas may be available from county or municipal offices, a qualified surveyor or land-engineering company, or a private flood-plain consultant.

BUYER's Initials: _____ _____

4. **PROPERTY TAX PRORATIONS:** Property taxes for the current year have been prorated between BUYER and SELLER, who each acknowledge and agree that these pro-rations are based either on tax amounts for the preceding year, the sales price or estimates of the appraised value and/or estimated tax rates for the current year, or some other common method of estimation. BUYER and SELLER each agree that, when amounts of the current year's taxes become known and payable (on or about October 1st), they will adjust any matters of re-proration and reimbursement between themselves and that **LONGHORN TITLE COMPANY, LLC** shall have no further liability or obligation with respect to these pro-rations. BUYER AND and SELLER agree to indemnify and hold harmless **LONGHORN TITLE COMPANY, LLC** for all costs and/or damages resulting from unpaid taxes, including, but not limited to court costs, and attorney's fees and all expenses and liabilities related thereto.

SELLER warrants and represents that there are no past due taxes owed on the Property other than those collected at closing and if such warranty and representation is untrue, the SELLER will reimburse **LONGHORN TITLE COMPANY, LLC** , on demand, for any sums paid by **LONGHORN TITLE COMPANY, LLC** to pay such taxes, and any related penalty and interest. SELLER recognizes their responsibility for all taxes prior to the date of closing the subject transaction. Should it develop at a later date, that taxes other than those collected at closing are due for prior years, seller agrees to make full settlement to **LONGHORN TITLE COMPANY, LLC.**

TAX EXEMPTIONS: SELLER and BUYER are aware that the above mentioned Property may have an exemption status which has reduced the tax amounts owed on this Property for the last year. This exemption status may include, but is not limited to, homestead exemptions, over sixty-five (65) exemptions, and/or exemptions due to disability. SELLER and BUYER are further aware that **LONGHORN TITLE COMPANY, LLC** has prorated the tax amounts due at closing based on these exemptions, and using last year's tax assessments.

The Texas Property code provides the ability for the Tax Entities to remove these exemptions for the current year if documentation is not provided to continue the exemptions and/or if information is given to remove the exemptions due to lack of eligibility. By signing, SELLER and BUYER are authorizing **LONGHORN TITLE COMPANY, LLC** to prorate the tax amounts due on the above Property in accordance with the procedures as outlined above, and agree to hold **LONGHORN TITLE COMPANY, LLC** harmless from any changes in exemption status which may result in an increase of taxes due for the current year. SELLER and BUYER further agree that any changes resulting in additional taxes due will be adjusted between purchaser and seller, without liability on, or the involvement of **LONGHORN TITLE COMPANY, LLC**.

BUYER's Initials: _____ _____ **SELLER's Initials:** _____ _____

5. **TAX RENDITION AND EXEMPTIONS:** Although the WILLIAMSON County Appraisal District may independently determine BUYER's new ownership and billing address through deed record research, BUYER is still obligated by law to "render" the Property for taxation, by notifying the WILLIAMSON County Appraisal District of the change in the Property's ownership and of BUYER's proper address for tax billing.

BUYER is advised that current year's taxes may have been assessed on the basis of various exemptions obtained by the SELLER (e.g., AG, homestead, over-65, etc). **BUYER acknowledges that BUYER will not benefit from the exemption claimed by SELLER for the current year or in the future. It is the BUYER's responsibility to qualify for BUYER's own tax exemptions and to meet any requirements prescribed by the taxing authorities.** BUYER acknowledges and understands these obligations and the fact that **LONGHORN TITLE COMPANY, LLC** assumes no responsibility for future accuracy of the WILLIAMSON County Appraisal District records concerning ownership, tax-billing address, or status of exemptions.

BUYER's Initials: _____

6. **PAYOFF** SELLER or BORROWER (in case of a refinance) acknowledges that loan payoff information has been supplied by the note holder. In the event the amount of such payoff furnished to **LONGHORN TITLE COMPANY, LLC** is incorrect or incorrectly calculated, SELLER or BORROWER agree to pay such loan in full within 24 hours after being advised of the required amount. SELLER or BORROWER agree to indemnify **LONGHORN TITLE COMPANY, LLC** for all costs resulting from incorrect payoff information, including all court costs, attorney's fees, and expenses related thereto.

SELLER's Initials: _____ _____

7. **DISBURSEMENT AUTHORIZATION** BUYER AND SELLER hereby authorize **LONGHORN TITLE COMPANY, LLC** to make expenditures and disbursements as shown on the closing statement and approves same for payment. The BUYER acknowledges the receipt of loan funds, if applicable, in an amount shown on the closing statement. **LONGHORN TITLE COMPANY, LLC** may supply a copy of this Statement to any real estate agent or lender involved in this transaction, and BUYER and SELLER acknowledge receipt of a copy of the Statement.

BUYER's Initials: _____ _____ **SELLER's Initials:** _____ _____

8. **NO DISGUISED MORTGAGE:** SELLER and BUYER hereby acknowledge that the sale and purchase of the Property is a true arms-length transaction, and there is no agreement or understanding whatsoever that the Property will be re-transferred to Seller at a future date. This transaction in no way may be construed as a "loan of money".

BUYER's Initials: _____ _____ **SELLER's Initials:** _____ _____

9. **CLOSING DISCLAIMER:** SELLER and BUYER each acknowledge and understand that the above referenced transaction has not yet "closed". Prior to closing, any change in possession of the Property shall be at the sole risk of SELLER and BUYER. In the event BUYER takes possession of the Property prior to closing, SELLER and BUYER hereby release **LONGHORN TITLE COMPANY, LLC** of any liability that may occur by reason of delay or failure of the lender to fund the loan. Such release includes, but is not limited to, any loss resulting from the BUYER failing to have or obtain insurance coverage on, or legal title to, the Property.

   THIS TRANSACTION IS NOT "CLOSED" UNTIL: 1) all title requirements are completed to the satisfaction of **LONGHORN TITLE COMPANY, LLC** ; 2) all necessary documents are properly executed, reviewed, and accepted by the parties to this transaction and by **LONGHORN TITLE COMPANY, LLC** ; and 3) all funds are received by South Land Title, LLC, and South Land Title, LLC is in a position to disburse such funds to the parties to whom they are due

   BUYER's Initials: _____ _____ **SELLER's Initials:** _____ _____

10. **ERRORS AND OMISSIONS:** In the event that any of the documents prepared in connection with the closing of this transaction contain errors which misstate or inaccurately reflect the true and correct terms, conditions and provisions of this closing, and the inaccuracy or misstatement is due to a clerical error or to a unilateral mistake on the part of **LONGHORN TITLE COMPANY, LLC** , or to a mutual mistake on the part of **LONGHORN TITLE COMPANY, LLC** and/or the SELLER and/or the BUYER, the undersigned agree to execute, in a timely manner, such correction documentation as **LONGHORN TITLE COMPANY, LLC** may deem necessary to remedy such inaccuracy or misstatement.

    BUYER's Initials: _____ _____ **SELLER's Initials:** _____ _____

11. **ATTORNEY REPRESENTATION AND NOTICE**: BUYER may wish to consult an attorney to discuss the matters shown on Schedules "B" or "C" of the Commitment for Title Insurance that was issued in connection with this transaction. These matters will affect the Title and use of the Property. The Title Insurance Policy will be a legal contract between BUYER and the Underwriter. Neither the Commitment for Title Insurance nor the Title Insurance Policy are abstracts of title, title reports or representations of title. They are contracts of indemnity. No representation is made that your intended use of the Property is allowed under law or under the restrictions or exceptions affecting the Property.

    BUYER's Initials: _____ _____ **SELLER's Initials:** _____ _____

12. **NON-RESIDENT ALIEN**: Seller is not a non-resident alien for purposes of United States Income Taxation.

    SELLER's Initials: _____ _____

13. **ELECTRONIC COMMUNICATIONS:** SELLER and BUYER each acknowledge and understand that **LONGHORN TITLE COMPANY, LLC** may send SELLER and BUYER communications by email or other electronic means, and SELLER and BUYER confirm that SELLER and BUYER have the means to access, print and download such communications.

BUYER's Initials: _____ _____ **SELLER's Initials:** _____ _____

14. **INDEMNITY:** SELLER AND BUYER HEREBY ACKNOWLEDGE THAT THEY HAVE EXECUTED THIS AFFIDAVIT WILLINGLY AND OF THEIR OWN FREE VOLITION, AND HEREBY AGREE TO INDEMNIFY, DEFEND AND HOLD HARMLESS **LONGHORN TITLE COMPANY, LLC** ITS TITLE INSURANCE UNDERWRITER, FROM AND AGAINST ANY AND ALL LIABILITY, LOSS, COST, EXPENSE, CLAIM, ACTION OR CAUSE OF ACTION ARISING OUT OF, OR IN ANY WAY CONNECTED WITH, THE DISCLOSURES AND REPRESENTATIONS CONTAINED HEREIN.

SELLER's Initials: _____ _____

EXECUTED this 29th day of March, 2023.

SELLER'S SIGNATURE(S):

David Legere

BUYER'S SIGNATURE(S):

CITY OF TAYLOR, Texas, a Home Rule Political Subdivision

BY: Brandt Rydell

ITS: Mayor

THE STATE OF TEXAS §

COUNTY OF Williamson §

SWORN TO, SUBSCRIBED AND ACKNOWLEDGED BEFORE ME, BY David Legere,on 29 **day of** March, **20**23.

CHASATY HUCKABAY
Notary Public, State of Texas
Notary ID# 1196748-2
My Commission Expires
MAY 11, 2024

NOTARY PUBLIC STATE OF TEXAS

THE STATE OF TEXAS §

COUNTY OF Williamson §

SWORN TO, SUBSCRIBED AND ACKNOWLEDGED BEFORE ME, BY Brandt Rydell, Mayor of the City of Taylor, Texas, a Home Rule Political Subdivision on 29 **day of** March, **20**23.

CHASATY HUCKABAY
Notary Public, State of Texas
Notary ID# 1196748-2
My Commission Expires
MAY 11, 2024

NOTARY PUBLIC STATE OF TEXAS

EXHIBIT A

STATE OF TEXAS
COUNTY OF WILLIAMSON

MARCH 13, 2022

0.119 Acre

These notes describe that certain tract of land, situated in the JOHN WINSETT SURVEY, ABSTRACT NO. 661, located in Williamson County, Texas in the Corporate City limits of Taylor, Texas; subject tract being a part of and out of Lot 1, Block 56 of the City of Taylor, plat of which is recorded in Cabinet "A", Slide 186, of the Plat Records of Williamson county (PRWC), being all of a called "0.1147 Acre" tract as conveyed from Kenneth Simpson to City of Taylor TX dated 05-15-2000 as recorded in Document No. 2000038577 of the Official Public Records of Williamson County (OPRWC) as surveyed on the ground under the direct supervision of Bruce Lane Bryan, Registered Professional Land Surveyor No. 4249, during the month of March, 2023, subject tract being more fully described as follows:

BEGINNING at a set ½" iron rod (orange plastic cap "BTS") {North = 10,184,086.04 feet, East = 3,218,238.65 feet} at the Northwest corner of said Lot 1,Block 56 in the East line of Murphy Street (a 60 foot wide dedicated street) at the Southwestern terminus of a 20 foot wide alley (per plat); for reference a found ½" iron rod (orange plastic cap "BTS") at the Northeast corner of Lot 5, Block 53 of said City of Taylor, bears South 83° 30' 50" West, 60.00 feet and North 06° 29' 10" West, 145.00 feet;

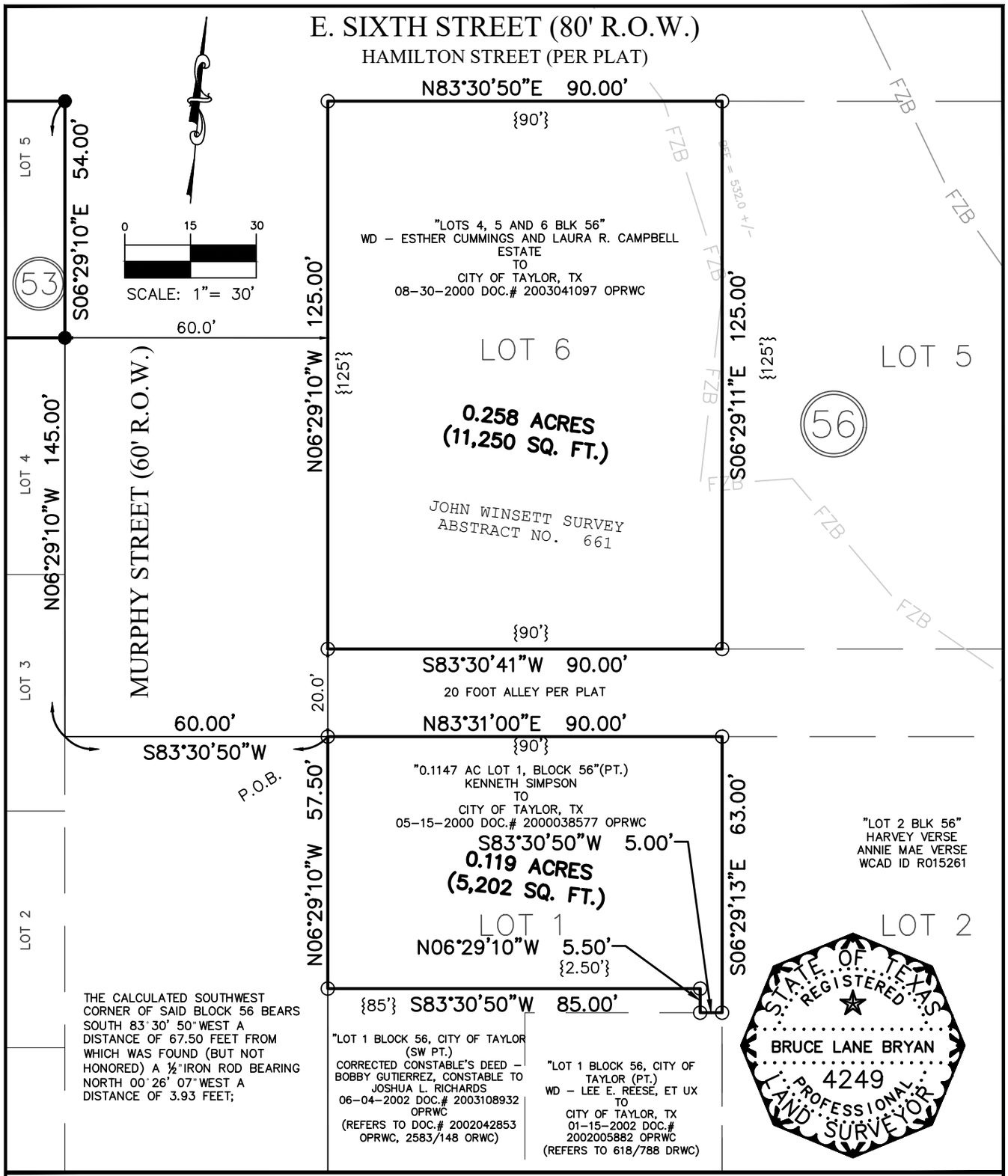
THENCE North 83° 31' 00" East with the common line of said Lot 1, Block 56 and 20 foot wide alley a distance of **90.00 feet** to a set ½" iron rod (orange plastic cap "BTS") at the Northeast corner of same, same being the Northeast corner of aforementioned "0.1147 Acre" tract and the acclaimed Northwest corner of Lot 2, Block 56 identified as Williamson County Appraisal District identification number R015261, title indicated to be held by Annie Mae Verse;

THENCE South 06° 29' 13" East with the common line of said Lot 1 and Lot 2, Block 56, a distance of **63.00 feet** to a set ½" iron rod (orange plastic cap "BTS") at the Southeast corner of said "0.1147 Acre" tract, same being the Northeast corner of a called "Part of Lot 1, Block 56" as conveyed in a Warranty Deed from Lee E. Reese, et ux to City of Taylor TX dated 01-15-2002 as found in Document No. 2002005882, OPRWC (also refer to Volume 618, Page 788, Deed Records of Williamson County (DRWC))

THENCE South 83° 30' 50" West with the common line of said "0.1147 Acre" tract and "Part of Lot 1, Block 56" City of Taylor tract a distance of **5.00 feet** to a set ½" iron rod (orange plastic cap "BTS") at the apparent lower Northeast corner of a called "Part of Lot 1, Block 56 – SW Part" as conveyed in a Corrected Constable's Deed from Bobby Gutierrez, Constable, to Joshua L. Richards dated 06-04-2002 as recorded in Document No. 2003108932, OPRWC (also refers to Document No. 2002042853, OPRWC and Volume 2583, Page 148, Official Records of Williamson County (ORWC));

THENCE with the common lines of said "0.1147 Acre" tract and "Joshua L. Richards" tract 1) **North 06° 29' 10" West a distance of 5.50 feet** to a set ½" iron rod (orange plastic cap "BTS") at a common corner of both and 2) **South 83° 30' 50" West a distance of 85.00 feet** to a set ½" iron rod (orange plastic cap "BTS") at a common corner of both in the aforementioned East line of Murphy Street; for reference the calculated Southwest corner of said Block 56 bears South 83° 30' 50" West a distance of 67.50 feet from which was found (but not honored) a ½" iron rod bearing North 00° 26' 07" West a distance of 3.93 feet;

THENCE North 06° 29' 10" West with said East line of Murphy Street and West line of Lot 1, Block 56 a distance of **57.50 feet** to the **PLACE OF BEGINNING**, containing according to the dimensions herein stated an area of **0.119 Acre.**



LOT 6, BLOCK 56 AND PART OF LOT 1 BLOCK 56, CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN CABINET A, SLIDE 186, PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS.

NOTE: BEARINGS SHOWN HEREON BASED ON TEXAS STATE PLANE COORDINATE SYSTEM **(CENTRAL ZONE)** NAD 83 ADJUSTMENT.

FLOOD NOTE:
THE PROPERTY DEPICTED HEREON **IS PARTIALLY** WITHIN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY; THE FLOOD AREA BEING IDENTIFIED ON F. I. R. M. PANEL NO. **48491C0534F** EFFECTIVE **12/20/2019** LOCATED IN ZONE "X" AND ZONE "A".

THIS SURVEY HAS BEEN PREPARED UTILIZING A COMMITMENT FOR TITLE INSURANCE PREPARED BY **LONGHORN TITLE COMPANY**, GF NO. **TWH2200100**, EFFECTIVE DATE: **FEBRUARY 10, 2023.**

NOTE: THIS TRACT IS SUBJECT TO EASEMENTS, COVENANTS, CONDITIONS, RESTRICTIONS AND RIGHT TO CREATE ADDITIONAL PUBLIC UTILITY EASEMENTS, IF ANY, ACROSS SUBJECT PROPERTY AS SHOWN IN SHEET TWO.

LEGEND:

○ 1/2" IRON ROD SET
● IRON ROD FOUND
{..}CALLED DISTANCE

SHT 1 OF 2

TO: LONGHORN TITLE COMPANY, LLC, GF# TWH2200100
REF: **DAVID LEGERE**

THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY **1A**, CONDITION **III** SURVEY AND THE CURRENT MINIMUM REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYING ACT.
March 13, 2023

DATE BRUCE L. BRYAN, R.P.L.S.

BRYAN TECHNICAL SERVICES, INC.
911 NORTH MAIN
TAYLOR, TX 76574
PHONE: (512) 352-9090
FIRM No. 10128500
bryantechnicalservices.com

SCHEDULE B EXCEPTIONS FROM COVERAGE

10.

a. Easement dated November 21, 1972, to the City of Taylor, recorded in volume 560, Page 348, deep records Williamson County Texas. **DOES NOT AFFECT**

b. Any easement presently in use by the City of Taylor, and any pipes or pipe lines in place under track described herein. **NOTED**

c. Any portion of the herein described property which falls within the boundaries of a street or alley. **NOTED**

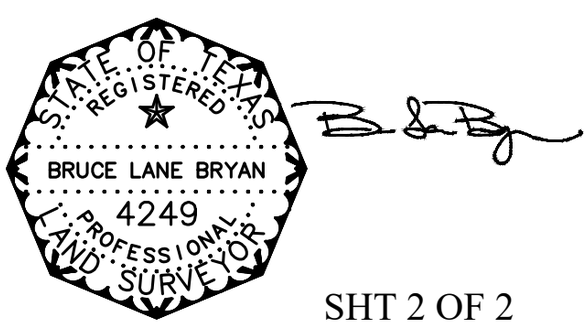
d. The right of lower Brushy Creek water control and Improvement District levy taxes and issue bonds.

e. All lease grants, exceptions or reservations of coal, lignite, oil, gas or minerals together with all right pledges and communities related to appearing in the Public Records whether listed in Schedule B or not. There may be lease grants, exceptions or reservation of minerals that are not listed. **NOT RELATED TO SURFACE RIGHTS, NOT RESEARCHED**

f. All visible and appearing easements and all underground easements the existence of which may rise by unrecorded grants or by use. (Owner's Title Policy Only) **NOTED**

g. Rights of Parties in possession. (Owner's Title Policy Only) **NOTED**

h. "Any encroachment, encumbrance, violation, variation, or adverse circumstances affect the title that would be disclosed by an accurate and complex survey of the land." (NOTE: UPON RECEIPT OF A SURVEY ACCEPTABLE TO COMPANY, THIS EXCEPTION WILL BE DELETED. COMPANY RESERVES THE RIGHT TO ADD ADDITIONAL EXCEPTIONS PER ITS EXAMINATION OF SAID SURVEY. **NOTED**



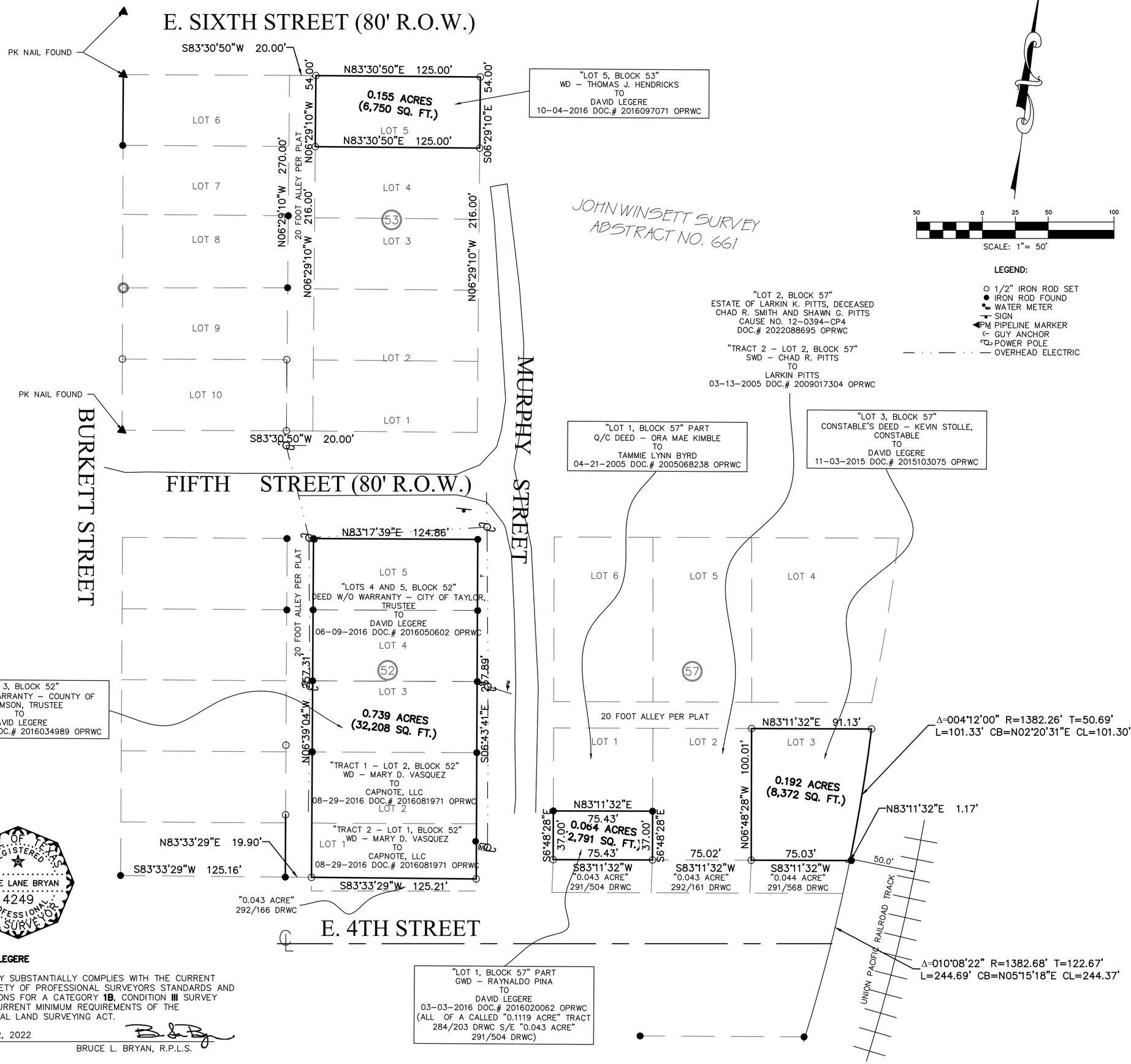
SHT 2 OF 2

TO: LONGHORN TITLE COMPANY, LLC, GF# TWH2200100
REF: **DAVID LEGERE**

THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY **1A**, CONDITION **III** SURVEY AND THE CURRENT MINIMUM REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYING ACT.

BRYAN TECHNICAL SERVICES, INC.
BTS
911 NORTH MAIN
TAYLOR, TX 76574
PHONE: (512) 352-9090
FIRM No. 10128500
bryantechnicalservices.com

EXHIBIT A



STATE OF TEXAS
REGISTERED
BRUCE LANE BRYAN
4249
PROFESSIONAL
LAND SURVEYOR

TO: **DAVID LEGERE**

THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY **1B**, CONDITION **III** SURVEY AND THE CURRENT MINIMUM REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYING ACT.

November 2, 2022
DATE

BRUCE L. BRYAN, R.P.L.S.

SURVEYORS NOTES:

1. THE BEARINGS SHOWN HEREON ARE ORIENTED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 83, 93 ADJUSTMENT.

2. THIS SURVEY WAS PREPARED **WITHOUT** THE BENEFIT OF TITLE REPORT. PARTIES TO THIS TRANSACTION ARE RESPONSIBLE FOR VERIFICATION OF ALL EASEMENTS, COVENANTS AND CONDITIONS WHICH MAY AFFECT THIS TRACT BUT ARE NOT SHOWN HEREON.

3. THE PROPERTY DEPICTED HEREON **IS NOT** WITHIN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY; THE FLOOD AREA BEING IDENTIFIED ON F.I.R.M. PANEL NO. **48491C0534F**, EFFECTIVE DATE **12/20/2019**, LOCATED IN ZONE "X" (UNSHADED).

4. THERE ARE NO ENCROACHMENTS, CONFLICTS OR PROTRUSIONS, EXCEPT AS SHOWN HEREON, AND SAID PROPERTY HAS ACCESS TO AND FROM A DEDICATED ROADWAY.

5. ALL SET IRON RODS HAVE ORANGE PLASTIC CAPS STAMPED "BTS".

6. THERE IS A METES AND BOUNDS DESCRIPTION WHICH ACCOMPANIES THIS SURVEY.

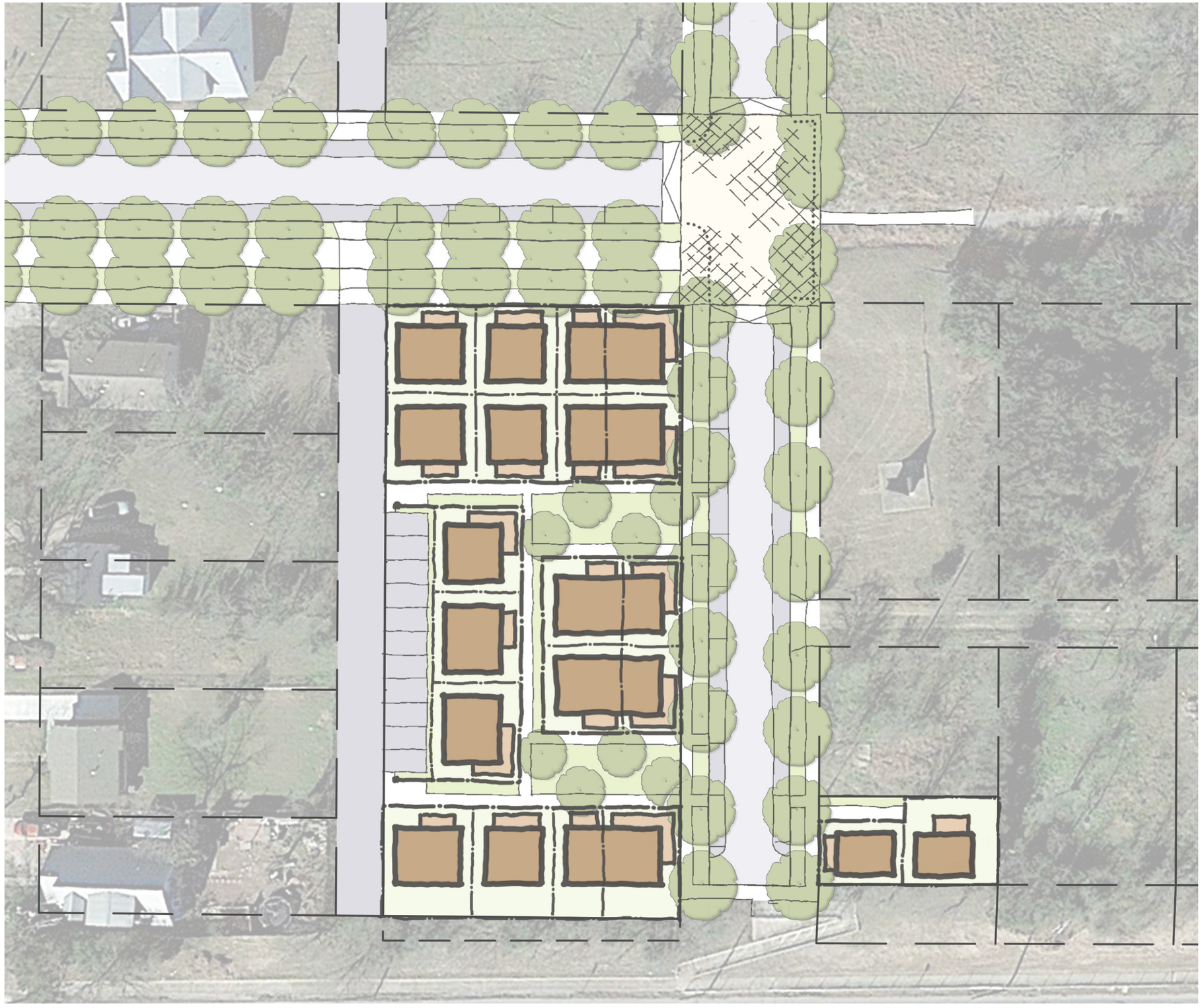
LAND SURVEY

8 TRACTS OUT OF THE JOHN WINSETT SURVEY
ABSTRACT NO. 661
WILLIAMSON COUNTY, TEXAS

BRYAN TECHNICAL SERVICES, INC.
911 NORTH MAIN
TAYLOR, TX 76574
PHONE: (512) 352-9090
FIRM No. 10128500
www.bryantechnicalservices.com

NO.	DATE	REVISIONS	BY

DRAWN BY: JC	CHECKED BY: BLB
SCALE: 1" = 50'	APPROVED BY: BLB
PROJECT NO. 22-801	DATE: November 2, 2022



A Master Plan For

MURPHY STREET REVIVAL II

Taylor, Texas

A: BACKGROUND

Local Context Map A.1
Site Context Map A.2
Existing Conditions Map A.3

B: URBAN DESIGN

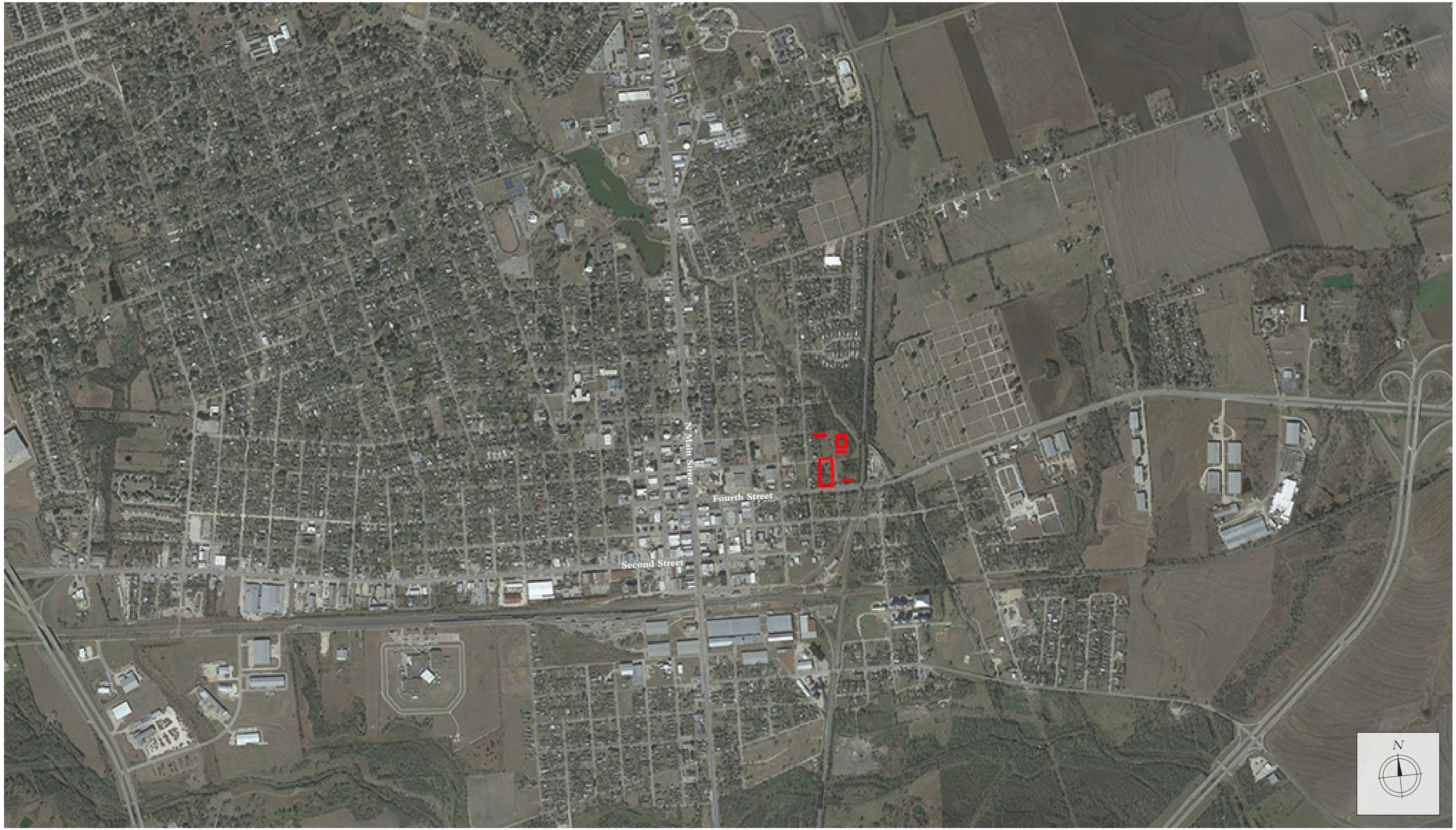
Master Plan B.1
Master Plan with Annotations B.2
Character Images B.3
Master Plan with Program B.4-7
Conceptual Unit Plans B.8-B.10

For

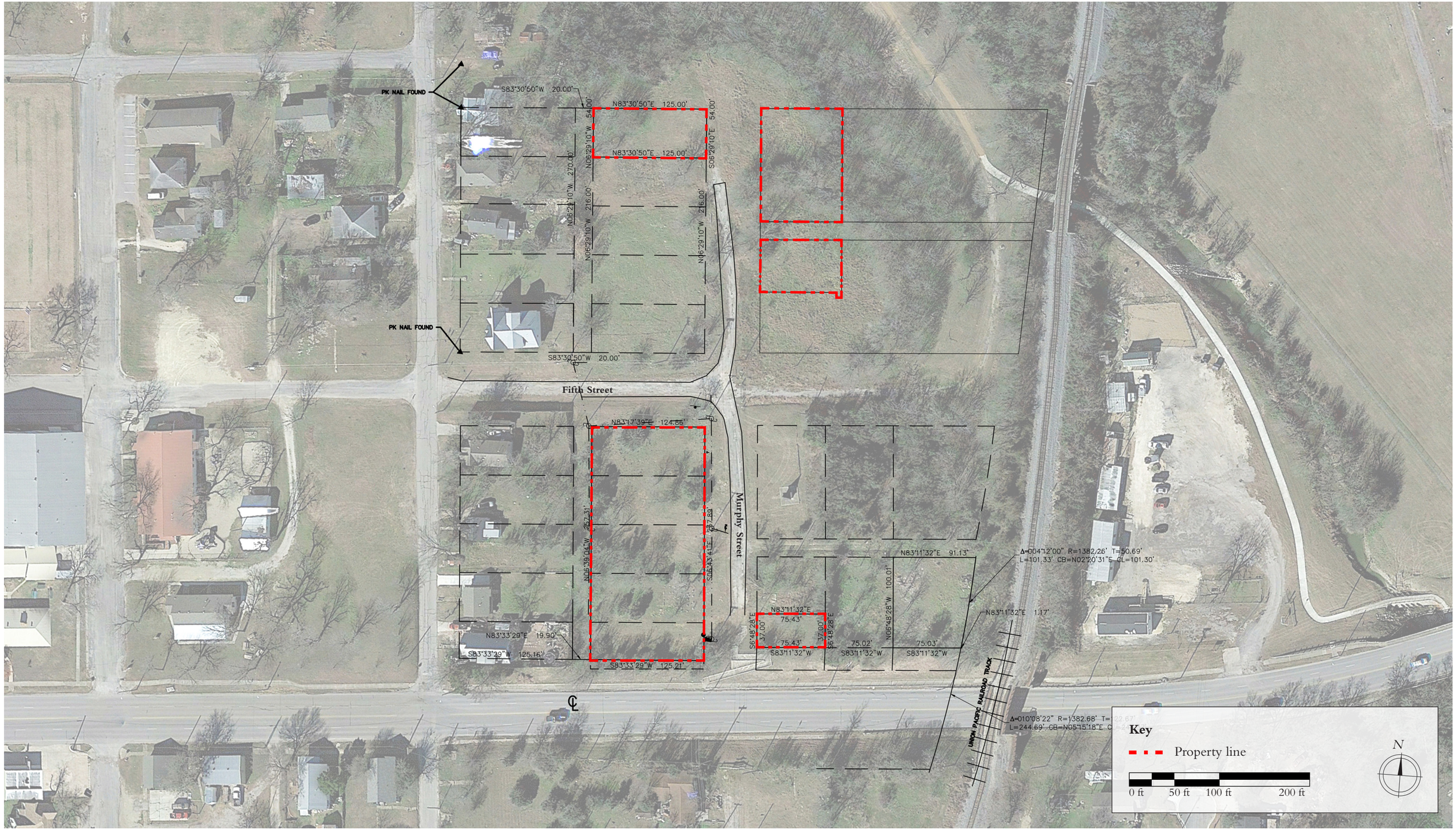
The City of Taylor, Texas and **CapNote LLC**

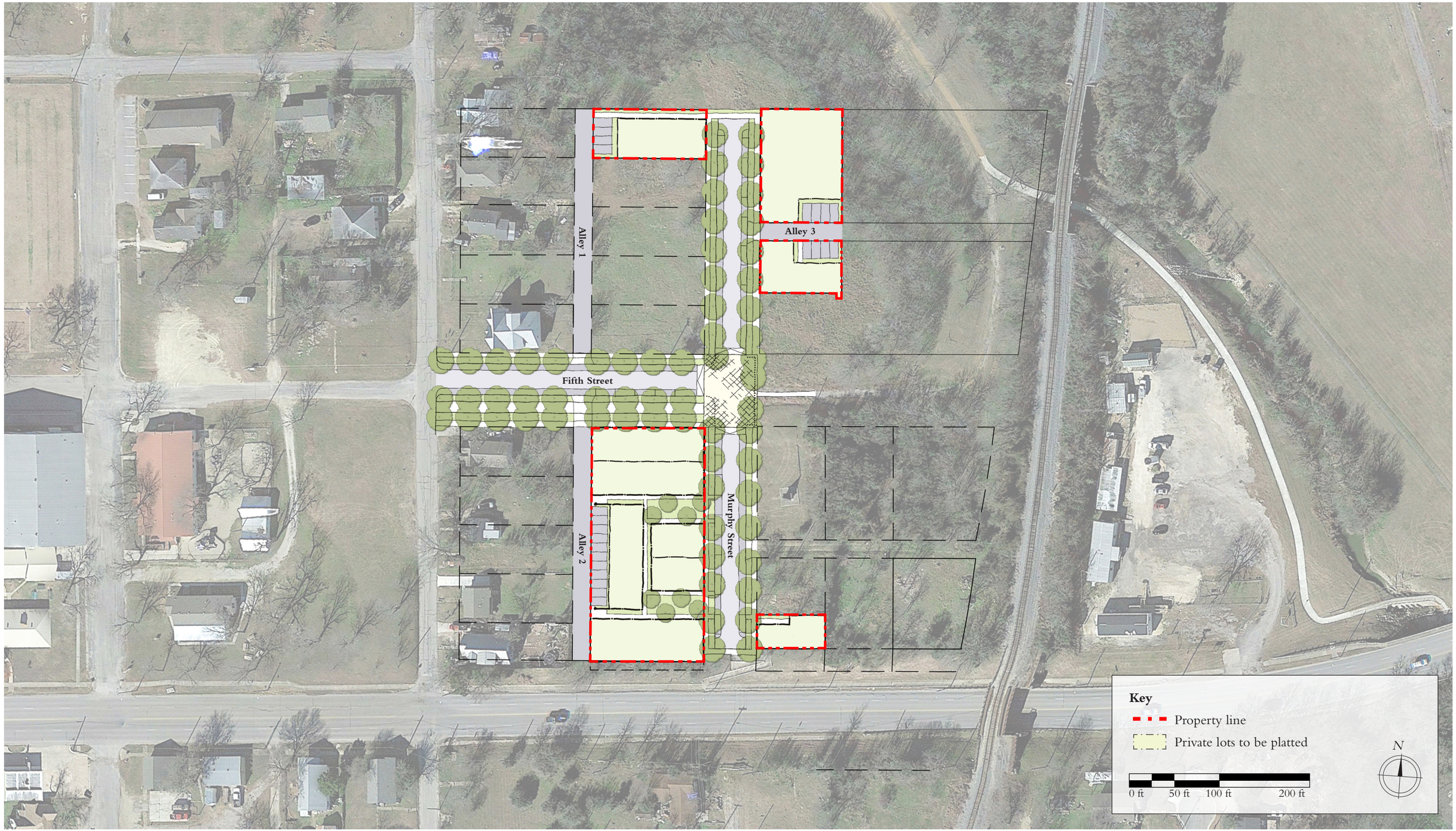
by

Michael Watkins Architect, llc


N Main Street
Fourth Street
Second Street
N


Sixth Street
Porter Street
Fifth Street
N Main Street
Washburn Street
Elliott Street
Burkett Street
Murphy Street
Fourth Street
Third Street
N


PK NAIL FOUND
S83°30'50"W 20.00'
N83°30'50"E 125.00'
54.00'
N83°30'50"E 125.00'
S06°29'10"E 54.00'
N06°29'10"W 270.00'
N06°29'10"W 216.00'
N06°29'10"W 216.00'
PK NAIL FOUND
S83°30'50"W 20.00'
Fifth Street
N83°17'39"E 124.86'
N06°39'04"W 267.31'
S06°43'41"E 137.89'
Murphy Street
N83°33'29"E 19.90'
S83°33'29"W 125.16'
S83°33'29"W 125.21'
N83°11'32"E 91.13'
Δ=004°12'00" R=1382.26' T=50.69'
L=101.33' CB=N02°20'31"E CL=101.30'
N83°11'32"E 75.43'
S06°48'28"E 37.00'
N06°48'28"W 100.01'
N83°11'32"E 1.17'
75.43'
S83°11'32"W
75.02'
S83°11'32"W
75.03'
S83°11'32"W
UNION PACIFIC RAILROAD TRACK
Δ=010°08'22" R=1382.68' T=
L=244.69' CB=N05°15'18"E C
Key
Property line
0 ft
50 ft
100 ft
200 ft
N


Alley 1
Alley 3
Fifth Street
Alley 2
Murphy Street
Key
Property line
Private lots to be platted
N
0 ft
50 ft
100 ft
200 ft

Alley 1

Alley 3

Fifth Street

Alley 2

Murphy Street

Character Images

1. Raised intersection plaza at trailhead
2. Inexpensive vehicular street assembly
3. Inexpensive alley assembly
4. Cottage court
5. Optional commercial building to enliven plaza

The lot lines and building footprints shown here correspond to Option 2 (see Master Plan with Program).

N

0 ft 50 ft 100 ft 200 ft



2 *Inexpensive Street Assembly with Gravel Parking Lanes, Seaside, Fla.*



3 *Gravel Alley, Carlton Landing, Okla.*



4 *Detached Cottage Court, Fort Smith, Ark.*

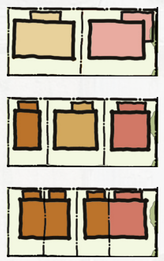


4 *Attached Cottage Court, Brooklyn, N.Y.*



5 *Option Commercial Building, East Beach, Va.*

Area A



Option 1

1 Ax-Detached | 1 Cx-Detached

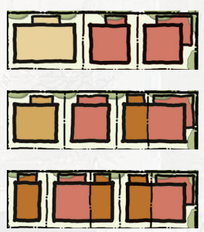
Option 2

1 A-Detached | 1 B-Detached
1 C-Detached.

Option 3

3 B-Attached | 1-Attached

Area B, C, & G



Option 1

1 Ax-Detached | 2 C-Detached

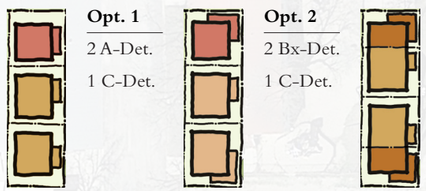
Option 2

1 A-Det. | 1 B-Att. | 1 C-Det. | 1 C-Att.

Option 3

1 B-Det. | 2 B-Att. | 2 C-Det.

Area D



Opt. 1

2 A-Det.
1 C-Det.

Opt. 2

2 Bx-Det.
1 C-Det.

Opt. 3

2 A-Att.
2 B-Att.

Area E & F



Option 1

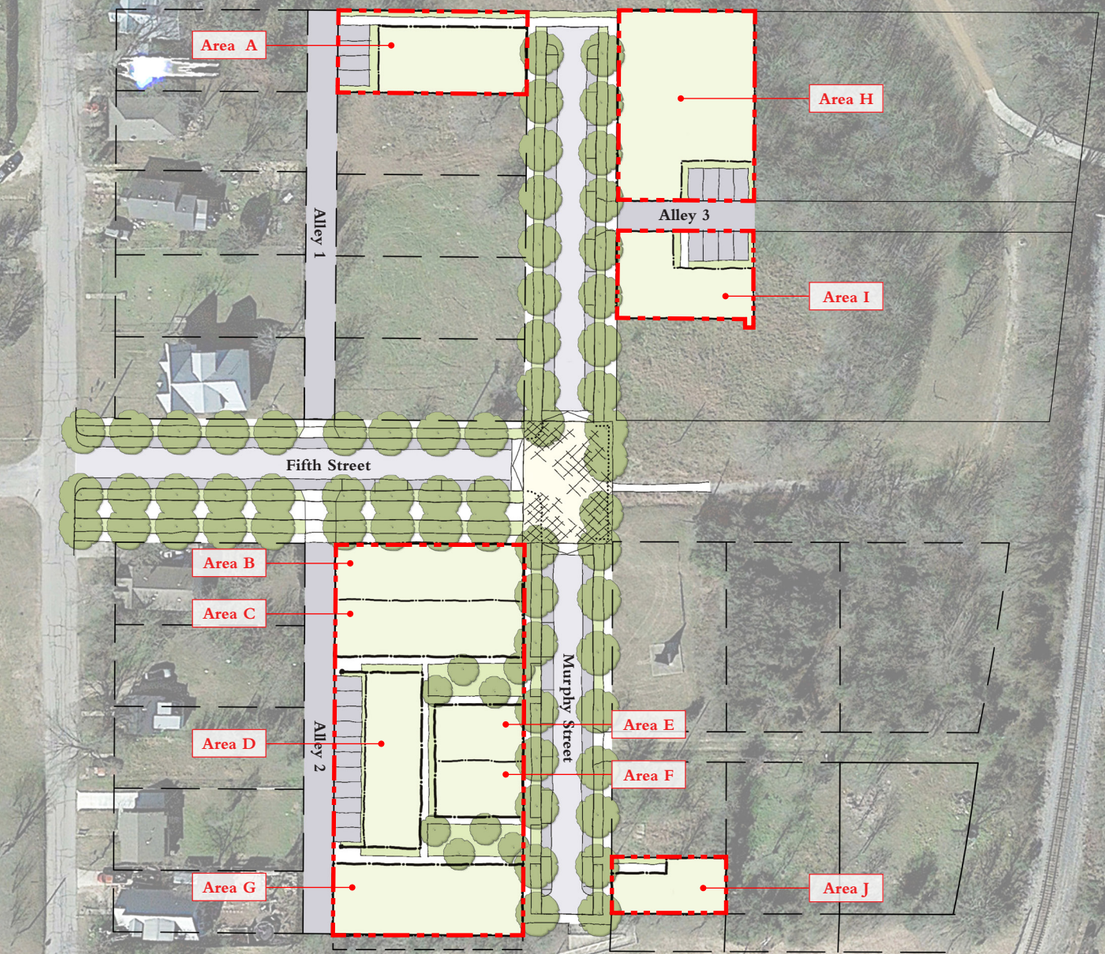
2 B-Detached

Option 2

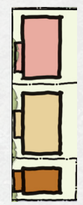
1 A-Attached | 1 B-Attached

Option 3

1 B-Attached | 1 Bx-Attached

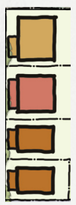


Area H



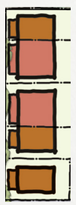
Opt. 1

1 Cx-Det.
1 Ax-Det.
1 B-Det.



Opt. 2

1 A-Det.
1 C-Det.
2 B-Det.



Opt. 3

2 B-Att.
2 C-Att.
1 B-Det.

Area I



Option 1

1 A-Detached | 1 B-Detached



Option 2

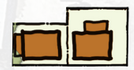
1 B-Detached | 2 B-Attached



Option 3

1 B-Detached | 1 B-Attached | 1 Bx-Attached

Area J



Option 1

2 B-Detached

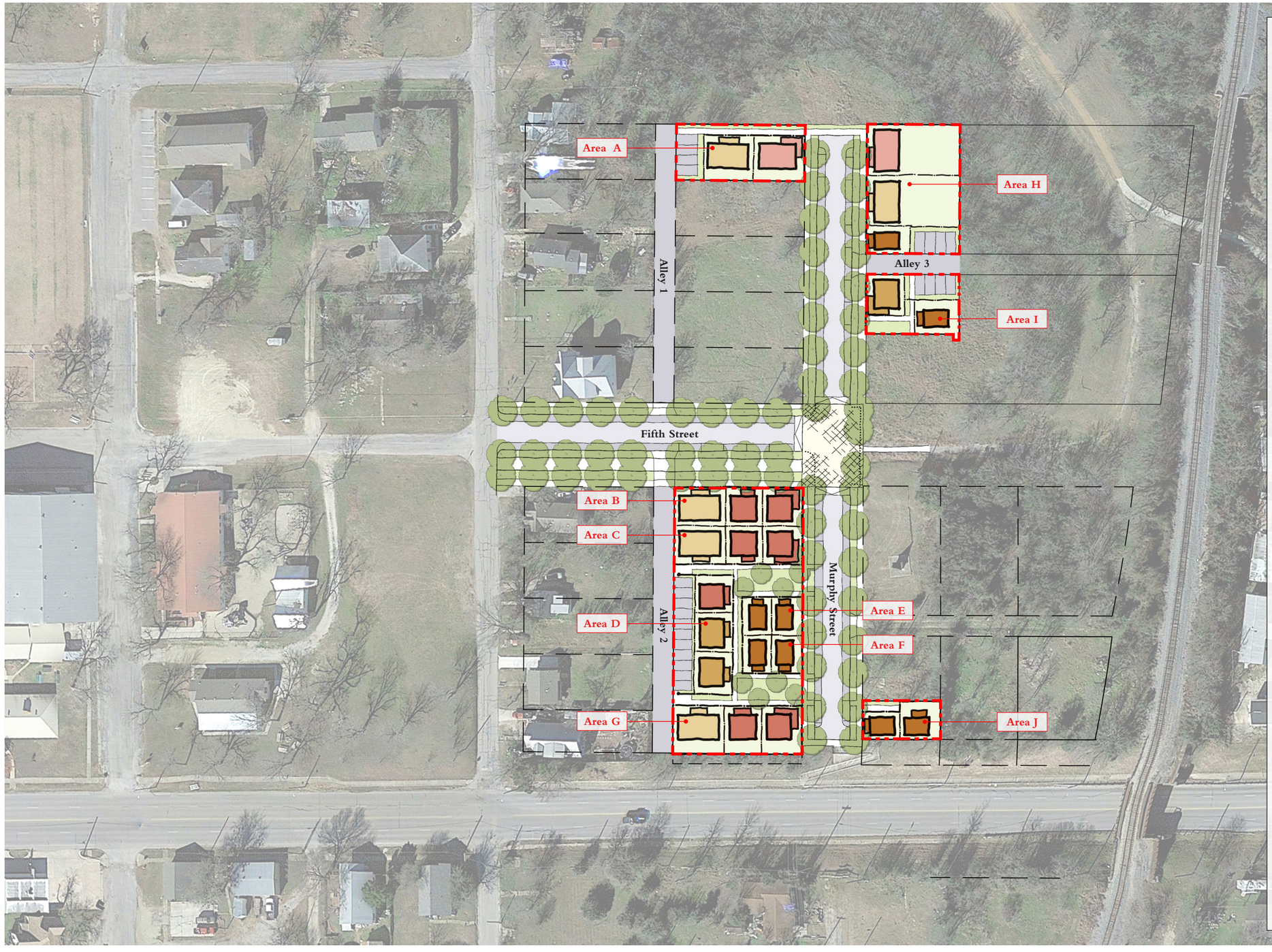


Option 2

1 A-Detached | 1 B-Detached

Key

A Unit	Ax Unit
B Unit	Bx Unit
C Unit	Cx Unit



Key

A Unit	Ax Unit
B Unit	Bx Unit
C Unit	Cx Unit

Detached Residential Units

A	28' 1-Story 1-Bedroom	3
Ax	40' 1-Story 2-Bedroom	5
B	16' 2-Story 1-Bedroom	8
Bx	28' 2-Story 2-Bedroom	0
C	24' 2-Story 2-Bedroom	7
Cx	36' 2-Story 3-Bedroom	2
Total Detached		**25**

Attached (Duplex) Residential Units

A	28' 1-Story 1-Bedroom	0
Ax	40' 1-Story 2-Bedroom	0
B	16' 2-Story 1-Bedroom	0
Bx	28' 2-Story 2-Bedroom	0
C	24' 2-Story 2-Bedroom	0
Cx	36' 2-Story 3-Bedroom	0
Total Attached		**0**
Total Units		**25**

Parking

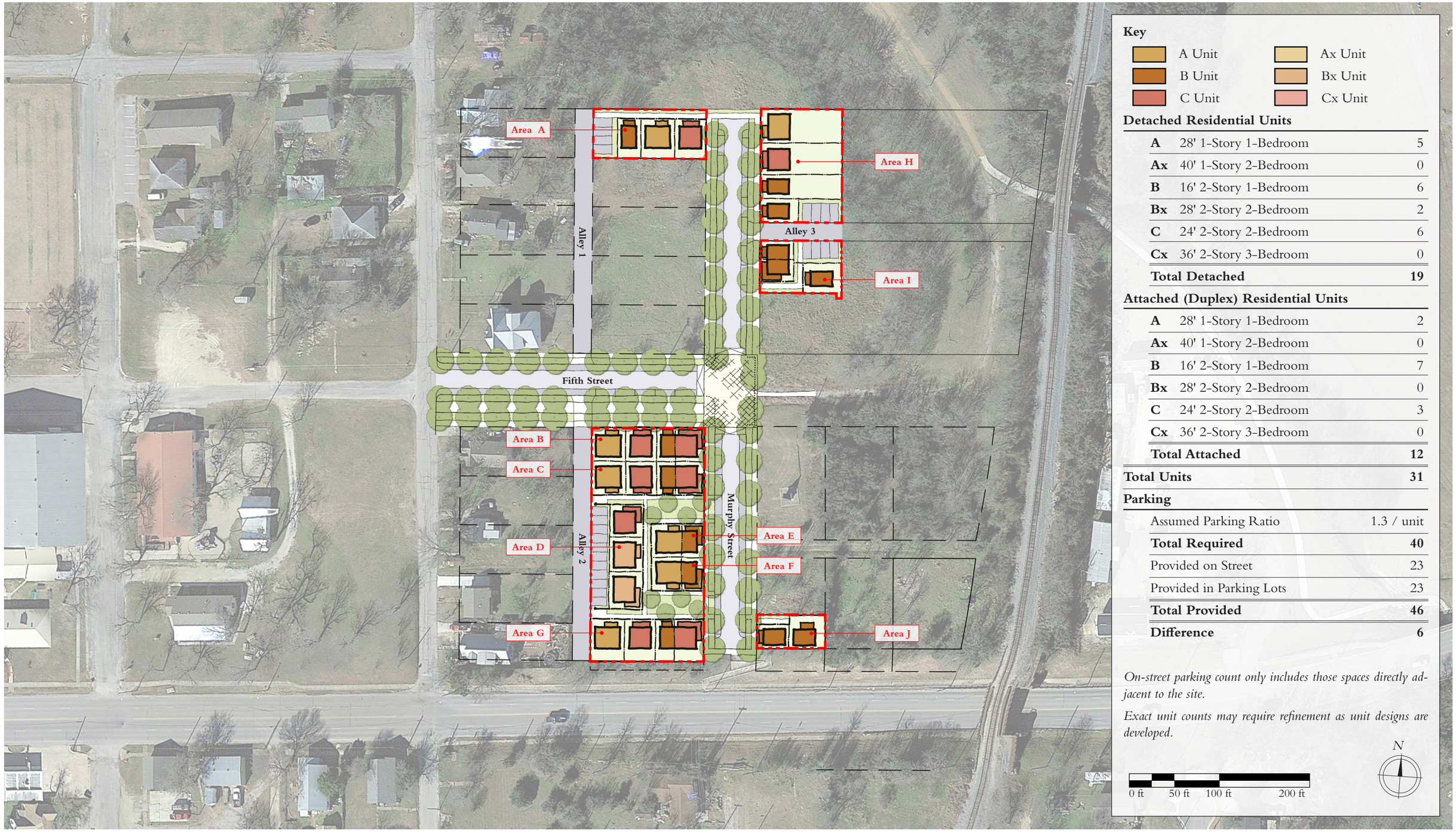
Assumed Parking Ratio	1.3 / unit
Total Required	**32**
Provided on Street	23
Provided in Parking Lots	23
Total Provided	**46**
Difference	**14**

On-street parking count only includes those spaces directly adjacent to the site.

Exact unit counts may require refinement as unit designs are developed.

N

0 ft 50 ft 100 ft 200 ft



Key

A Unit	Ax Unit
B Unit	Bx Unit
C Unit	Cx Unit

Detached Residential Units

A	28' 1-Story 1-Bedroom	5
Ax	40' 1-Story 2-Bedroom	0
B	16' 2-Story 1-Bedroom	6
Bx	28' 2-Story 2-Bedroom	2
C	24' 2-Story 2-Bedroom	6
Cx	36' 2-Story 3-Bedroom	0
Total Detached		**19**

Attached (Duplex) Residential Units

A	28' 1-Story 1-Bedroom	2
Ax	40' 1-Story 2-Bedroom	0
B	16' 2-Story 1-Bedroom	7
Bx	28' 2-Story 2-Bedroom	0
C	24' 2-Story 2-Bedroom	3
Cx	36' 2-Story 3-Bedroom	0
Total Attached		**12**
Total Units		**31**

Parking

Assumed Parking Ratio	1.3 / unit
Total Required	**40**
Provided on Street	23
Provided in Parking Lots	23
Total Provided	**46**
Difference	**6**

On-street parking count only includes those spaces directly adjacent to the site.

Exact unit counts may require refinement as unit designs are developed.

N

0 ft 50 ft 100 ft 200 ft



Key

A Unit	Ax Unit
B Unit	Bx Unit
C Unit	Cx Unit

Detached Residential Units

A	28' 1-Story 1-Bedroom	1
Ax	40' 1-Story 2-Bedroom	0
B	16' 2-Story 1-Bedroom	6
Bx	28' 2-Story 2-Bedroom	0
C	24' 2-Story 2-Bedroom	0
Cx	36' 2-Story 3-Bedroom	0
Total Detached		**7**

Attached (Duplex) Residential Units

A	28' 1-Story 1-Bedroom	2
Ax	40' 1-Story 2-Bedroom	0
B	16' 2-Story 1-Bedroom	16
Bx	28' 2-Story 2-Bedroom	3
C	24' 2-Story 2-Bedroom	9
Cx	36' 2-Story 3-Bedroom	0
Total Attached		**30**
Total Units		**37**

Parking

Assumed Parking Ratio	1.3 / unit
Total Required	**48**
Provided on Street	23
Provided in Parking Lots	23
Total Provided	**46**
Difference	**-2**

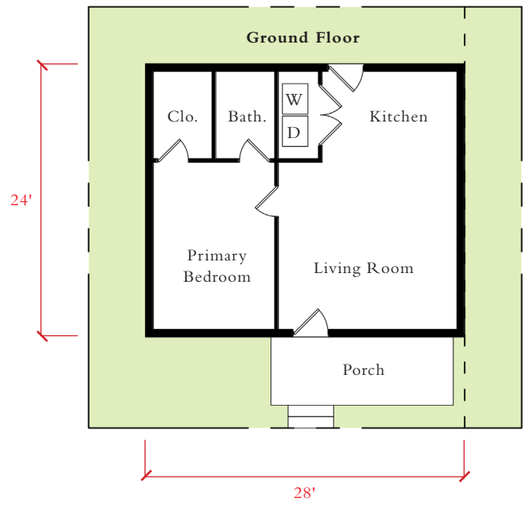
On-street parking count only includes those spaces directly adjacent to the site.

Exact unit counts may require refinement as unit designs are developed.

N

0 ft 50 ft 100 ft 200 ft

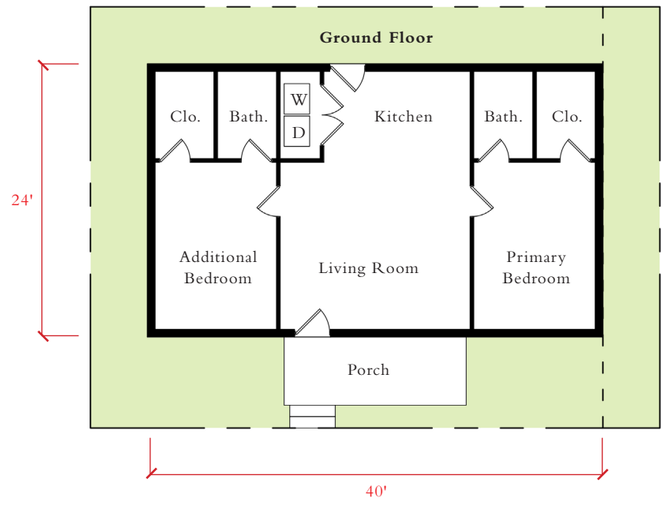
Unit Type A: 28' 1-Story 1-Bedroom



A: Detached	
Bldg. Width:	28'
Bldg. Depth:	24'
Lot Width:	38'
Lot Depth:	37'
Total Bedrooms:	1
Total Bathrooms:	1
Ground Floor Bedrooms:	1
Ground Floor Bathrooms:	1

A: Attached (Duplex)	
Bldg. Width:	28'
Bldg. Depth:	24'
Lot Width:	33'
Lot Depth:	37'
Total Bedrooms:	1
Total Bathrooms:	1
Ground Floor Bedrooms:	1
Ground Floor Bathrooms:	1

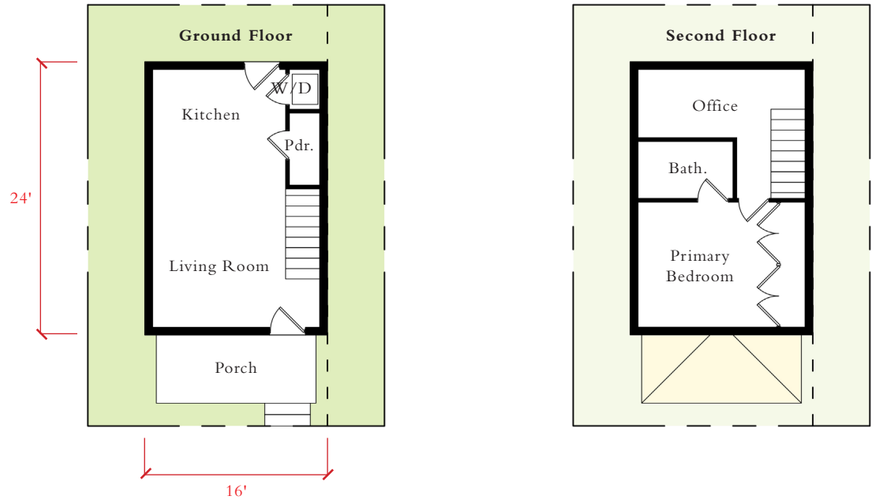
Unit Type Ax: 40' 1-Story 2-Bedroom



Ax: Detached	
Bldg. Width:	40'
Bldg. Depth:	24'
Lot Width:	50'
Lot Depth:	37'
Total Bedrooms:	2
Total Bathrooms:	2
Ground Floor Bedrooms:	2
Ground Floor Bathrooms:	2

Ax: Attached (Duplex)	
Bldg. Width:	40'
Bldg. Depth:	24'
Lot Width:	45'
Lot Depth:	37'
Total Bedrooms:	2
Total Bathrooms:	2
Ground Floor Bedrooms:	2
Ground Floor Bathrooms:	2

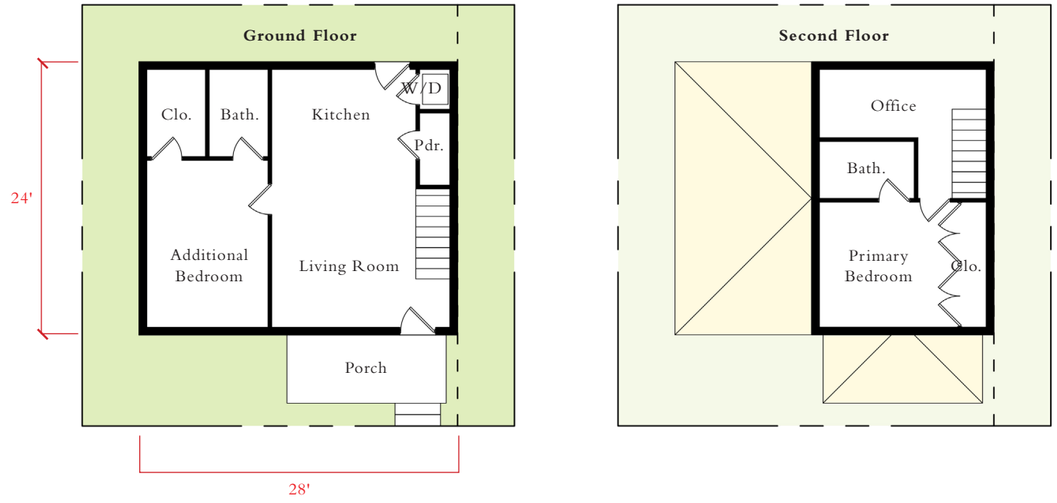
Unit Type B: 16' 2-Story 1-Bedroom



B: Detached	
Bldg. Width:	16'
Bldg. Depth:	24'
Lot Width:	26'
Lot Depth:	37'
Total Bedrooms:	1
Total Bathrooms:	1½
Ground Floor Bedrooms:	0
Ground Floor Bathrooms:	½

B: Attached (Duplex)	
Bldg. Width:	16'
Bldg. Depth:	24'
Lot Width:	21'
Lot Depth:	37'
Total Bedrooms:	1
Total Bathrooms:	1½
Ground Floor Bedrooms:	0
Ground Floor Bathrooms:	½

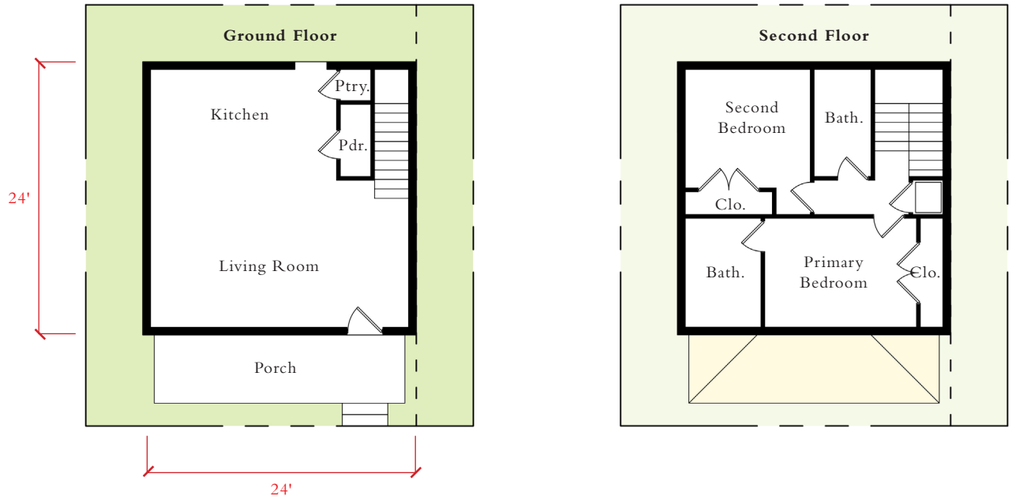
Unit Type Bx: 28' 2-Story 2-Bedroom



Bx: Detached	
Bldg. Width:	28'
Bldg. Depth:	24'
Lot Width:	38'
Lot Depth:	37'
Total Bedrooms:	2
Total Bathrooms:	2½
Ground Floor Bedrooms:	1
Ground Floor Bathrooms:	1½

Bx: Attached (Duplex)	
Bldg. Width:	28'
Bldg. Depth:	24'
Lot Width:	33'
Lot Depth:	37'
Total Bedrooms:	2
Total Bathrooms:	2½
Ground Floor Bedrooms:	1
Ground Floor Bathrooms:	1½

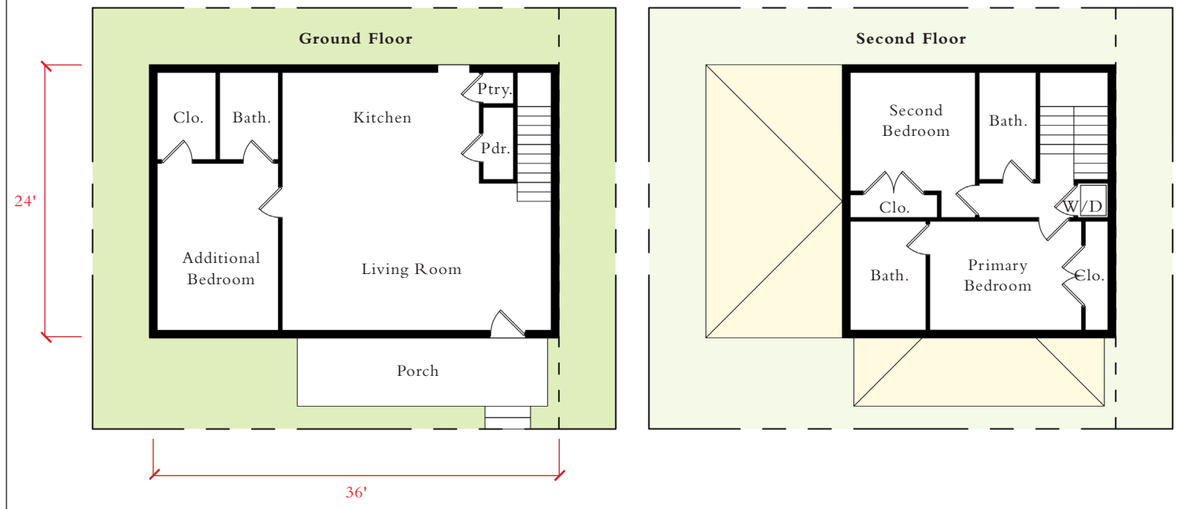
Unit Type C: 24' 2-Story 2-Bedroom



C: Detached	
Bldg. Width:	24'
Bldg. Depth:	24'
Lot Width:	34'
Lot Depth:	37'
Total Bedrooms:	2
Total Bathrooms:	2½
Ground Floor Bedrooms:	0
Ground Floor Bathrooms:	½

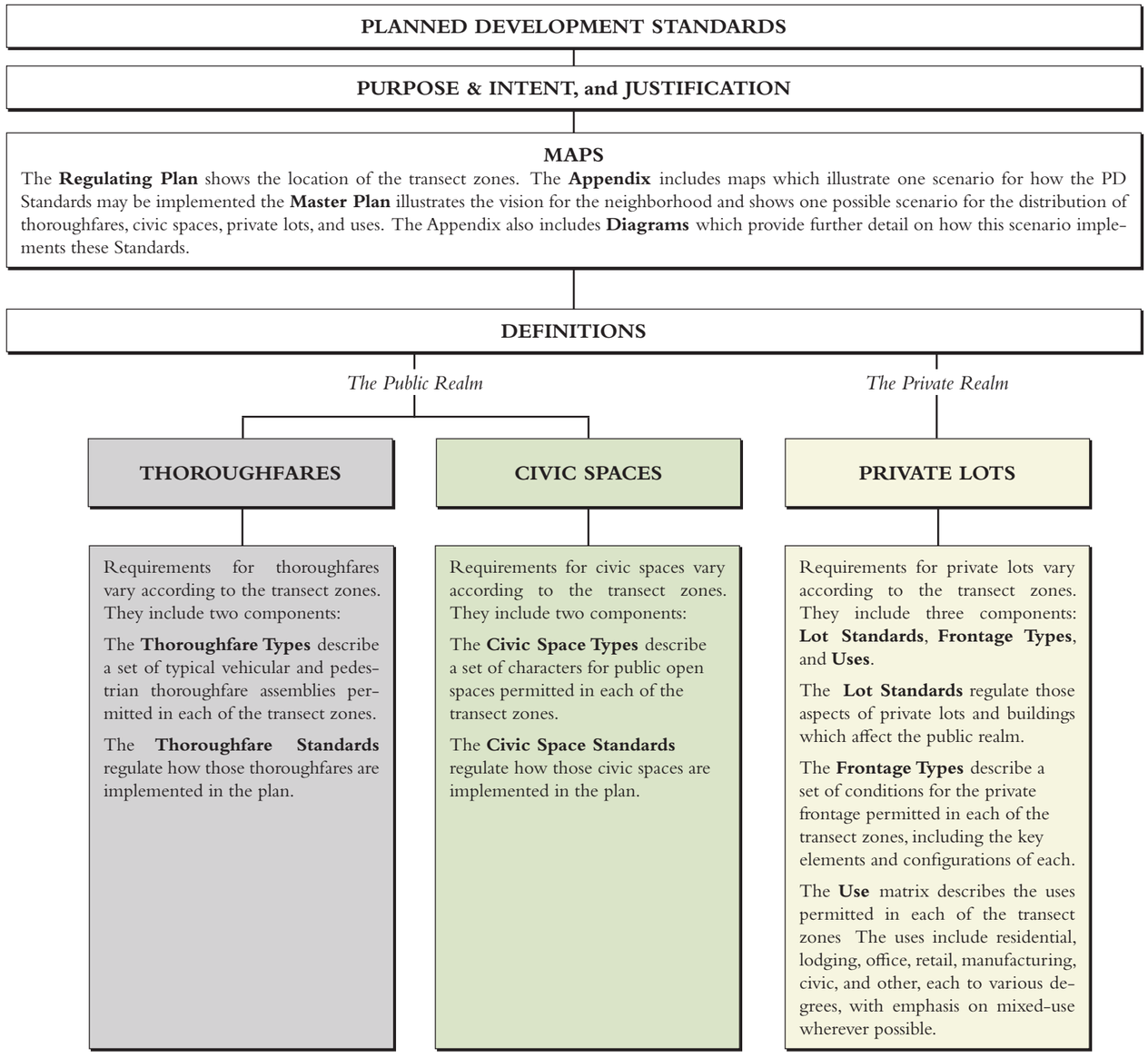
C: Attached (Duplex)	
Bldg. Width:	24'
Bldg. Depth:	24'
Lot Width:	29'
Lot Depth:	37'
Total Bedrooms:	2
Total Bathrooms:	2½
Ground Floor Bedrooms:	0
Ground Floor Bathrooms:	½

Unit Type Cx: 36' 2-Story 3-Bedroom



Cx: Detached	
Bldg. Width:	36'
Bldg. Depth:	24'
Lot Width:	46'
Lot Depth:	37'
Total Bedrooms:	3
Total Bathrooms:	3½
Ground Floor Bedrooms:	1
Ground Floor Bathrooms:	1½

Cx: Attached (Duplex)	
Bldg. Width:	36'
Bldg. Depth:	24'
Lot Width:	41'
Lot Depth:	37'
Total Bedrooms:	3
Total Bathrooms:	3½
Ground Floor Bedrooms:	1
Ground Floor Bathrooms:	1½



A Master Plan For

MURPHY STREET REVIVAL II

Taylor, Texas

C: PLANNED DEVELOPMENT STANDARDS

Overview of PD Standards C.1
Purpose & Intent C.2
Regulating Plan & General Standards C.3
Thoroughfares C.4-C.5
Civic Spaces C.6
Private Lots C.7-C.10
Definitions C.11-C.12

X: APPENDIX

Master Plan X.1
Regulating Plan with Master Plan X.2
Thoroughfare Types Diagram X.3
Fire Apparatus Access Diagram X.4
Open Space Diagram X.5

Purpose & Intent

The intent of these PD Standards is to enable pedestrian-friendly design, with a fine-grained mix of civic spaces, thoroughfares, building types, and uses arranged with a clear center and edge. Good urban design takes pressure off of the architecture, allowing building designs to be simple and appropriate to the local context, in service of shaping a beautiful and pedestrian-friendly public realm.

The proposed community includes approximately 1 acre across 4 blocks designed as a mixed-use, walkable community with a range of uses which may include lodging, office, retail, restaurant, and civic uses. The Regulating Plan allows flexibility with the parameters of the PD Standards. The neighborhood will be built out incrementally over time and is designed to be flexible to respond to the market as the city grows.

At the Scale of the Neighborhood:

- All dwelling units are within walking distance of Downtown Taylor.
- An interconnected network of thoroughfares is designed to disperse traffic and encourage walking and cycling.
- A range of civic spaces is distributed throughout the neighborhood.
- The intersection of Fifth and Murphy Streets provides a potential node of commercial activity.
- A range of housing types are provided to accommodate a diversity of household types and market demand.

At the Scale of the Block and the Building:

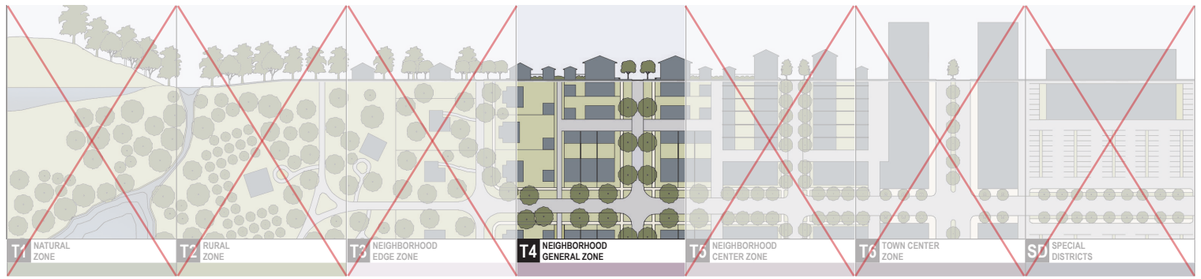
- The design of thoroughfares and buildings should reinforce safe environments, but not at the expense of accessibility.
- Buildings and landscaping should contribute to the physical definition of thoroughfares and civic spaces.
- Civic buildings are distinctive and reflect their importance.
- The neighborhood evolves harmoniously and orderly.
- Architecture and landscape design reflects climate, topography, history, and regional building practices.

Justification

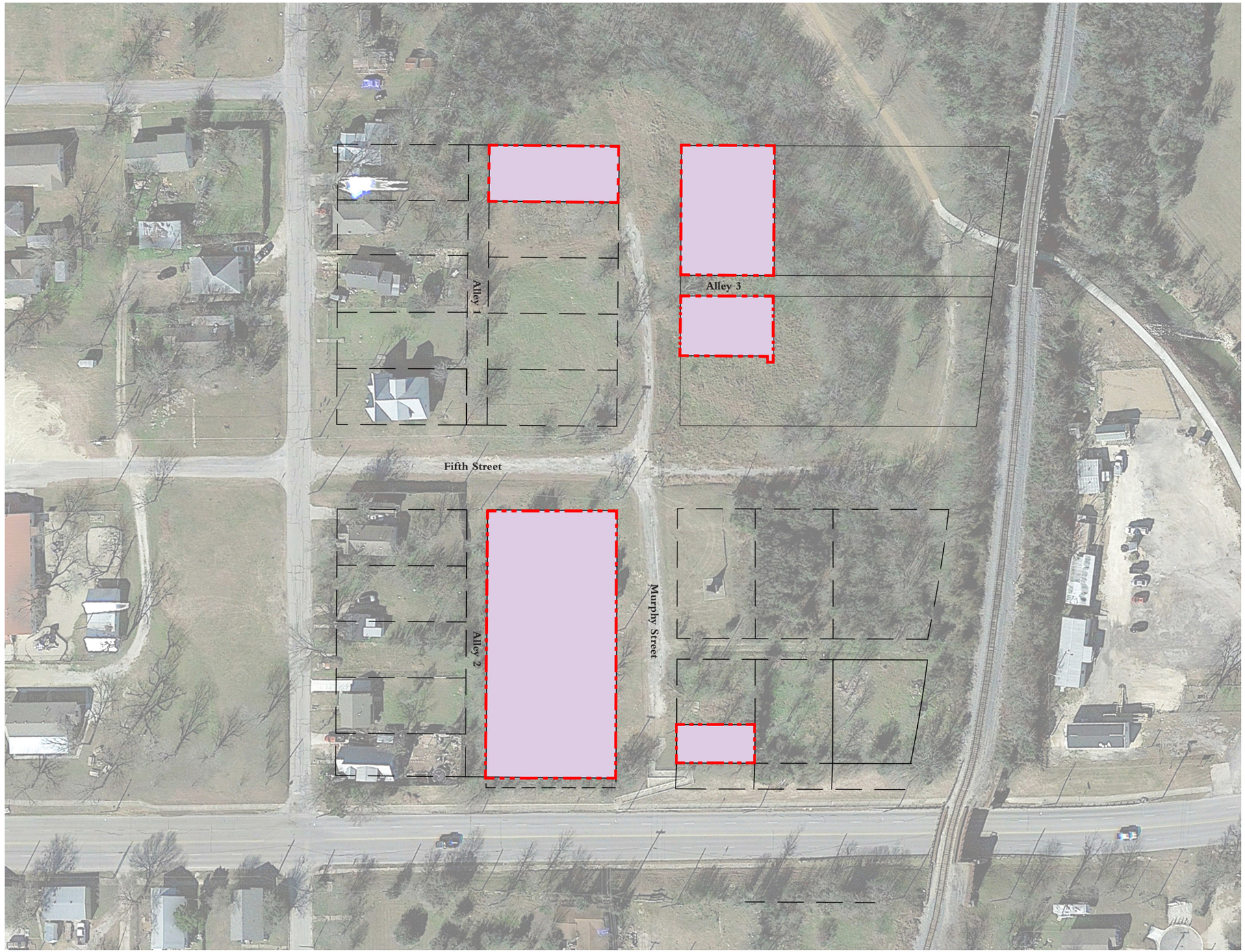
The primary reason for requesting the zoning change is to propose zoning and technical design standards to make the community as pedestrian- and bike-friendly as reasonably possible, while accommodating the necessary requirements of emergency access, trash collection, stormwater management and the like. This new community closely aligns with the City's long-term vision/goals and will help the City meet the ever growing demand for walkable communities.

Additional Notes

1. All improvements to the community shall follow these PD Standards, including any approved variances adopted as part of the PD Standards. In the event of a conflict between the PD Standards and any otherwise applicable codes, including but not limited to the Building Code, ADA, life safety codes, and others, the conflict shall be brought to the attention of the land owner, the developer, and the City immediately for resolution.
2. It is the design purpose and intent not the "letter" of the PD Standards to which improvements should conform.
3. The PD Standards are typologically-based and thus represent the typical condition. It is expected that actual conditions will vary from the typical conditions shown. It is expected that the standards for the typical condition will be applied to the actual condition, and modified or refined in a reasonable manner that achieves the intent of the PD.
4. There are two types of deviations from these PD Standards: Warrants and Variances. Where no standard is included in these PD Standards, standards shall be determined by Warrant. The correction of "scrivener's errors" within this document shall be handled by Warrant.
5. Sources for various texts, definitions and illustrations include the Lexicon of the New Urbanism and Smartcode v9.2 by Andres Duany, et. al.



A Typical Rural to Urban Transect, with Transect Zones



GENERAL STANDARDS

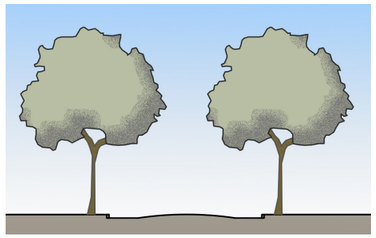
1. The base zoning district for the entire area of the Master Plan is MF-1, as described in the Taylor Code of Ordinances.
2. Lots may be configured as shown on the Master Plan, and shall be consistent with all requirements for private lots.
3. The exact locations of boundaries of base zones and transect zones may be adjusted to accommodate future adjustments to the Master Plan.

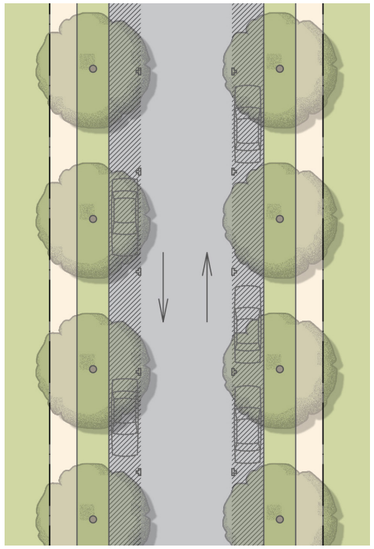
Key

T4: Neighborhood General Zone

N

0 ft 50 ft 100 ft 200 ft

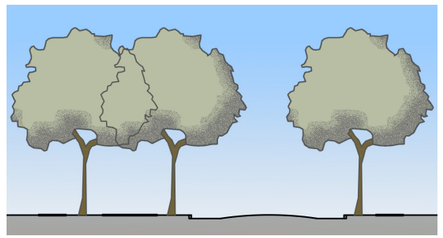


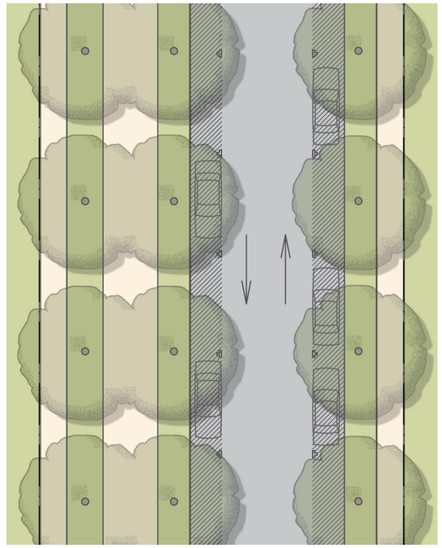


ST-60-20

Street
60 ft. ROW
20 ft. Pavement
Slow Movement
Two-Way Traffic
Parking Both Sides
Asphalt traffic lanes, gravel parking lanes
Header curbs, 12 ft. curb radius
7 ft. Tree Lawn
Allee, 25 ft. o.c.
6 ft. Sidewalk

This thoroughfare type is proposed as an improvement to the existing public ROW of Murphy Street.

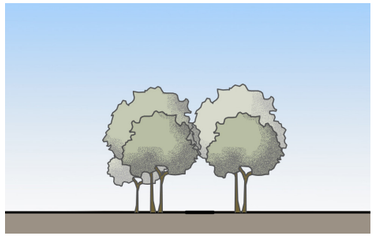


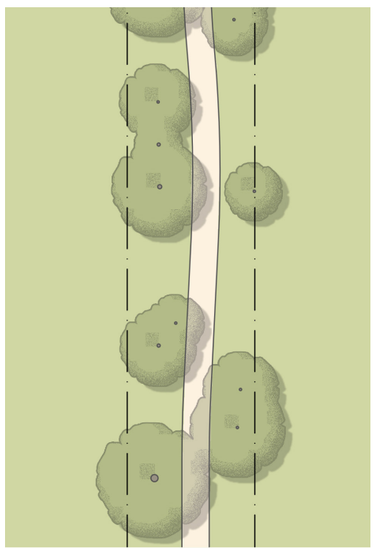


ST-80-20

Street
80 ft. ROW
20 ft. Pavement
Slow Movement
Two-Way Traffic
Parking Both Sides
Asphalt traffic lanes, gravel parking lanes
Header curbs, 12 ft. curb radius
7 ft. Tree Lawn
Allee, 25 ft. o.c.
6 ft. Sidewalk, 12 ft. Multi-Modal Path

This thoroughfare type is proposed as an improvement to the existing public ROW of Fifth Street.

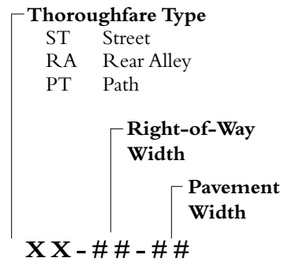




PT-V-5

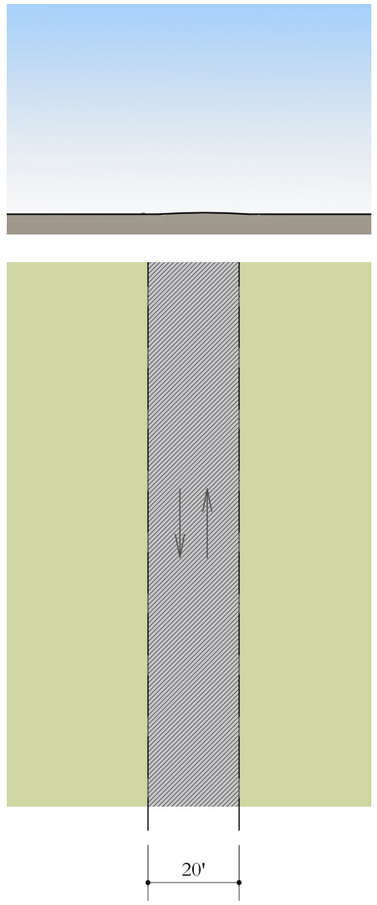
Path
ROW Width Varies
N/A
N/A
N/A
N/A
N/A
N/A
Open
Trees, ground cover, shrubs, lawn
5 ft. Sidewalk

This thoroughfare type will be privately owned and maintained.



Thoroughfare Type
Right-of-Way or Easement Width
Pavement Width
Movement
Traffic Lanes
Parking Lanes
Pavement
Curb Type
Planter Type (width includes curb if any)
Landscape Type
Walkway Type

Notes



RA-20

Rear Alley
20 ft. ROW
N/A
Slow Movement
Two-Way Traffic
No Parking
Gravel
N/A; Apron at Street
N/A
N/A
No Sidewalk
This thoroughfare type is proposed as an improvement to existing public 20-foot alley RsOW.

Thoroughfare Type
ST Street
RA Rear Alley
PT Path

Right-of-Way Width

Pavement Width

XX-##-##

Thoroughfare Type
Right-of-Way or Easement Width
Pavement Width
Movement
Traffic Lanes
Parking Lanes
Pavement
Curb Type
Planter Type (width includes curb if any)
Landscape Type
Walkway Type
Notes

THOROUGHFARE STANDARDS

These Thoroughfare Standards supersede the provisions of appendix C, Chapter 6, Table 5.2.1 and section 5.5 of the Taylor Code of Ordinances and apply to all thoroughfares:

1. **Paving Materials.** To allow for flexibility and economy in the improvement of thoroughfares, surfaces may be paved with materials other than those currently standard for such improvements. In addition to paving materials and surfaces currently acceptable to the City asphalt pavers, brick pavers, concrete pavers, gravel, and decomposed granite may be used.
2. **Street Trees.** The following apply to street trees:
   - Street trees shall be Cedar Elm, Drake Elm, Bigtooth Maple, Chinquapin Oak, Monterey Oak, Red Oak, Texas Ash, or Pecan. Other tree species acceptable to the City shall be approved by warrant.
   - At retail frontages, the spacing of the trees may be irregular to avoid visually obscuring the shop fronts. Street trees are not required where a gallery is present.
   - The public frontage shall include trees planted in a regularly-spaced allee pattern of a single species with shade canopies of a height that, at maturity, clears at least one story.
   - Street tree spacing shall typically be as designated by the PD Thoroughfare Types and adapted as needed for specific locations. Specific areas may be exempted by warrant from required tree planting due to site conditions, design merit, and/or other extenuating circumstances.
   - Trees shall be maintained to permit sufficient vertical clearance in the travel lanes (12 ft. 6 in.) for moving vans, buses, emergency vehicles, and the like.
3. **Utility Easements.** Typically, water and sewer shall be provided in primary thoroughfares or civic spaces and other utilities shall be provided in secondary thoroughfares, with easements in these thoroughfares as required. Provision of utilities in easements on private lots shall be the exception and the location of last resort.
4. **Encroachments over Rights-of-Way.** Portions of buildings may be permitted to encroach over RsOW as consistent with the Lot Standards.
5. **Proposed Fire Apparatus Access.** This access, which may be provided by thoroughfares, or civic spaces shall be paved or otherwise structurally stabilized with a clear width of 20 feet and a 25-foot inside turning radius.
6. **Other Thoroughfare Standards.** Intersection angles and street jog offsets are acceptable if consistent with the Regulating Plan or minor adjustments therein. Maximum cul-de-sac length does not apply to alleys.



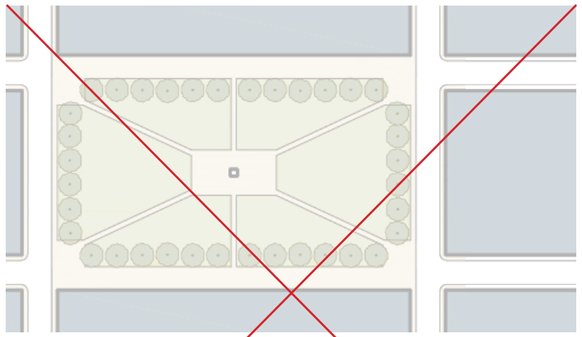
Park

A large open area available for recreation, usually located at the neighborhood edge often with buildings at some or all of the perimeter, but not always. Its landscape may comprise paved paths and unpaved trails, some open lawn, trees, and open shelters, ponds, and other natural features, all naturalistically disposed and requiring limited maintenance. A very large park serving as a corridor is a greenway.



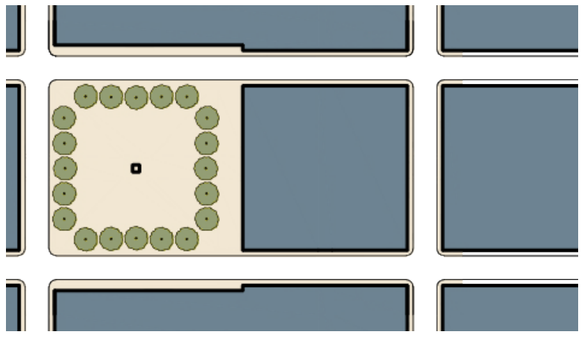
Green

A medium-sized public space available for unstructured recreation, circumscribed by building facades, its landscape consisting mostly of grassy areas and trees, naturalistically disposed and requiring only limited maintenance.



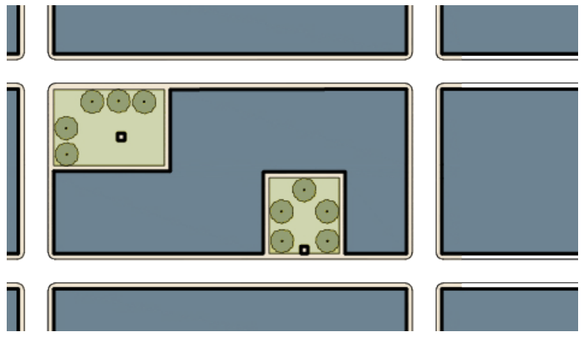
Square

A public space, seldom larger than a block, at the intersection of important streets. A square is circumscribed spatially by frontages; its streetscape consists of paved walks, lawns, trees, and civic buildings all formally disposed and requiring substantial maintenance.



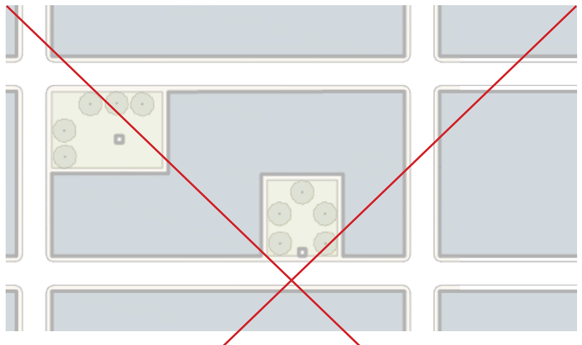
Plaza

A public space at the intersection of important streets set aside for civic purposes and commercial activities. A plaza is circumscribed by frontages, although not necessarily thoroughfares; its landscape consists of durable pavement for parking and trees requiring little maintenance.



Pocket Park

A small open space suitable for socializing, eating, and resting. Pocket parks may be equipped with benches and plantings, with tables and public art optional. They may be placed alongside thoroughfares or as intimate spaces within blocks, but should be visible from a thoroughfare (including paths). Pocket parks may be located anywhere.



Playground

An open space designed and equipped for the recreation of children. A playground should be fenced and may include an open shelter. Playgrounds shall be interspersed within residential areas and may be placed within a block. Playgrounds may be included within any civic space. There shall be no minimum or maximum size.

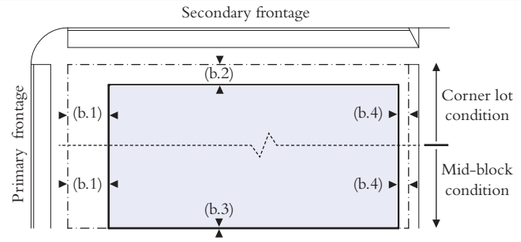
CIVIC SPACE STANDARDS

The following apply to all civic spaces:

1. **Maintenance and Ownership.** All civic spaces, with the exception of the plaza at the intersectionof Fifth and Murphy streets, shall be owned and maintained by a POA and have public access easements.
2. **Open Space.** A minimum of 5% of the gross area of the property, including stormwater management areas which are above the floodplain, shall be open space. Refinements to the location and area of open spaces in the master plan are anticipated, but shall continue to meet this requirement.
3. **Landscaping.** Landscaping for civic spaces, open spaces, and storm water management ponds shall follow the standards of the underlying zoning.
4. **Recreation Areas.** Swimming pools, recreation courts (tennis, handball, etc.), exercise facilities, recreation facilities, and related structures may be located within civic space.

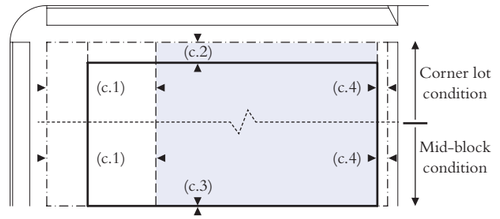
b. Setbacks: Principal Building

- The principal building shall be distanced from the lot lines as shown.
- Facades shall be built along the primary frontage to the specified primary frontage buildout percentage (measured as a percentage of the lot width). The primary frontage buildout requirement does not apply at secondary frontages.



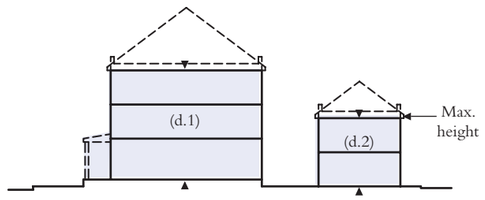
c. Setbacks: Outbuilding

- The outbuilding shall be distanced from the lot lines as shown.



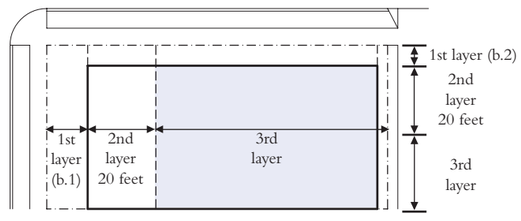
d. Building Height

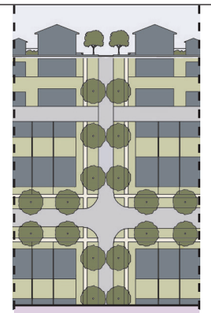
- Building height shall be measured in number of stories, excluding attics and raised basements.
- Ground-floor habitable rooms at frontages shall be 10' min. floor-to-ceiling.
- Upper-story habitable rooms at frontages shall be 9' min. floor-to-ceiling
- Exemptions from height limits include: civic structures and monuments, chimneys, flag poles, and necessary mechanical appurtenances.



Parking Placement

- Parking (whether open, covered, or enclosed) shall only be provided within the third layer. Garages may be permitted in the first or second layer by variance.
- Parking shall be accessed by a rear alley or lane when such are provided.
- Parking spaces on private lots (including property owned by a POA) shall be masked from the frontage by a building or a minimum 8-foot tall masonry wall with piers every 8 feet.





T4: Neighborhood General Zone

a.	**Lot Dimensions**	
	Lot Width	96 ft. max.
	Lot Coverage	90% max.
b.	**Setbacks: Principal Building**	
(b.1)	Front Setback (Primary)	0 ft. min. 12 ft. max.
(b.2)	Front Setback (Secondary)	0 ft. min. 12 ft. max.
(b.3)	Side Setback	0 ft. min.
(b.4)	Rear Setback	1 ft. min.
	Primary Frontage Buildout	50% min.
c.	**Setbacks: Outbuilding**	
(c.1)	Front Setback (Primary)	primary blg. setbk. min.
(c.2)	Front Setback (Secondary)	0 ft. min.
(c.3)	Side Setback	0 ft. or 5 ft. min.
(c.4)	Rear Setback	1 ft. min.
d.	**Building Height**	
(d.1)	Principal Building	3 stories max.
(d.2)	Outbuilding	2½ stories max.
e.	**Frontage Types (*See Page 9*)**	
	Common Lawn	not permitted
	Porch	permitted
	Terrace and Light Court	not permitted
	Forecourt	not permitted
	Stoop	permitted
	Storefront	permitted
	Gallery	permitted
	Arcade or Colonnade	not permitted
f.	**Use (*See Page 15*)**	
	Residential	open
	Lodging	limited
	Office	limited
	Retail	limited
	Manufacturing	limited
	Civic	permitted

Permitted Encroachments

	Setbacks Facing Frontages	Side and Rear Setbacks	Thoroughfares (incl. ROW) [i]
Patios [i]		•	
Decks [i]		•	
Mech. Equipment		•	
Utility Meters		•	
Window Wells		•	
Stoops and Steps [i]	•	•	
Porches and Steps [ii]	•	•	
Chimneys	•	•	
Hedges, Fences, & Garden Walls	•	•	
Bay Windows	•	•	•
Turrets/Towers	•	•	•
Eaves	•	•	•
Overhangs	•	•	•
Balconies	•	•	•
Ramps	•	•	•
Awnings		•	•
At Commercial Uses Only			
Merchandise	•	•	•
Cafe Tables	•	•	•
Chairs	•	•	•
Umbrellas	•	•	•
Planters	•	•	•
Heaters	•	•	•
Galleries	•	•	•
Canopies	•	•	•
Signs	•	•	•
Lights	•	•	•

i. May encroach into setbacks up to 6 feet.

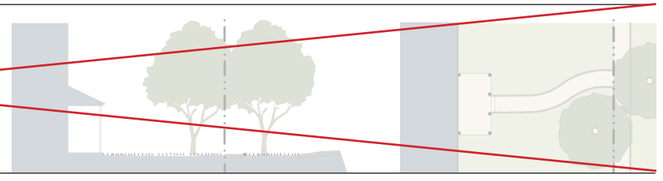
ii. May encroach into setbacks up to 10 feet.

LOT STANDARDS

The following site Standards are required for all private lots:

1. **Dwelling size.** There is no minimum dwelling size.
2. **Number of buildings and units.** Lots may have more than one building. Corner lots may have two accessory units provided that one faces the secondary frontage.
3. **Accessory Unit Square Footage.** The conditioned space of an accessory unit within a primary building or an outbuilding shall not exceed the net square footage of the primary unit.
4. **Building entrance.** The primary entrance to a primary building, including multi-family buildings, shall face the primary frontage of that lot. The primary entrance to accessory buildings may face any thoroughfare type.
5. **Landscaping.** Landscaping on private lots is only required at frontages unless noted otherwise and required plantings shall comply with City requirements.
   - **Front Yard Trees.** Front yards of a depth greater than 12 ft. require one deciduous tree of a minimum height of 30 ft. at maturity and one additional tree for every 18 linear ft. of frontage not occupied by a terrace, stoop, or porch.
   - **Lawn.** Lawn is prohibited at frontages where the lawn area is 6 ft. or less in either dimension.
   - **Planting.** Plant material, including ground cover, shall be planted no farther apart than 12 in.
   - **Artificial Plants.** Artificial plants may not be used to satisfy the requirements herein.
   - **Erosion Control.** Erosion control is required where there is no landscape or hardscape.
6. **Site Perimeter Landscaping.** There is no site perimeter landscaping requirement.
7. **Fences.** A fence along a shared rear or side lot line shall be no closer than 5 ft. to another fence. Alternatively, neighbors may share a single fence along a shared side or rear lot line. Fences within the first lot layer shall be painted.
8. **Parking Standards.** There shall be no minimum or maximum parking standards.
9. **Parking Lots.** Given the intention of building a compact, walkable, urban community, parking lots shall be located to the interior of blocks and shielded from frontages with buildings and walls.
   - **Connections.** Parking lots on adjacent private lots shall connect to one another.
   - **Surfacing.** Parking lots shall be gravel, asphalt, semi-permeable soil pavers, gravel, brick, brick pavers, concrete pavers, asphalt pavers, granite, or concrete, all of which shall be graded and drained to dispose of surface water into appropriate structures.
   - **Light Spillover.** Given the intention of making parking lots as compact as possible and creating shared access from one owner's parking lot to another, parking lot lighting may spill over onto an adjacent parking lot.
   - **Landscaping.** Landscaping in parking lots shall comply with the following requirements: one tree island (of 100 sq. ft. min. with one 2 in. min. caliper tree and filled with ground cover) is required for every 10 spaces that are side-by-side. Parking lots of fewer than 50 spaces and parkways of two drive aisles or less in width are exempt from landscaping requirements.
10. **Fire Apparatus Access.** Proposed fire apparatus vehicle access is as shown on the Fire Apparatus Access Diagram, typically within 150 feet of all buildable area on a lot. Buildings on portions of lost greater than 150 ft. from the Fire Apparatus Access Route may require a fire suppression system to meet building and fire code requirements. See the Thoroughfare Standards for related requirements.
11. **Other subdivision standards.** Lots may front on thoroughfares or civic spaces, whether owned publicly or privately, through which access to residences may be established, consistent with the Regulating Plan or minor adjustments therein. Lots may be configured as shown on the Regulating Plan, and shall be consistent with the Lot Standards. No maximum block length is required. Intersection angles and street jog offsets are acceptable if consistent with the Regulating Plan or minor adjustments therein. Maximum cul-de-sac length does not apply to alleys.
12. **Encroachments.** Permitted encroachments into setbacks shall be as shown on the chart below. Additionally, windowsills, belt courses, bay windows, cornices, eaves, footings, and ornamental features may encroach into any setback. All encroachments into utility and other easements are subject to the permission of the affected easement owner. (*see Permitted Encroachments table on previous page*)
13. **Facades.** Facades shall be built parallel to a rectilinear primary frontage line or to the chord of a curved primary frontage line.
14. **Ground Floor Grading.** At the ground floor, residential and private rooms in lodging uses shall be raised a minimum of 2 feet from the average sidewalk grade at the primary frontage for the purpose of establishing privacy.
15. **First-Story Glazing.** The first story of each facade shall be glazed with clear glass for a minimum of 30% of the wall area of the first story, with each facade being calculated independently.
16. **Upper-Story Glazing.** Above the first story of each facade, openings shall be glazed with clear glass for a maximum of 50% of the wall area, with each facade being calculated independently.
17. **Storefront Glazing.** At storefronts, the first story of the facade shall be glazed with clear glass for a minimum of 70% of the wall area of the first story and shaded by an awning or canopy that extends over the sidewalk.
18. **Pitched Roofs.** Pitched roofs, if provided, shall be symmetrically sloped no less than 4:12, except that roofs for porches and attached sheds may be no less than 2:12.
19. **Flat Roofs.** Flat roofs shall be enclosed by parapets a minimum of 42 inches high, or as required to conceal mechanical equipment.

Common Lawn: a facade set back substantially from the frontage line. The front yard should remain unfenced and be visually continuous with adjacent front yards. The intention is to emulate the character of buildings sitting in a common rural landscape. A front porch is encouraged but not required, as social interaction from the sidewalk is unlikely at such a distance.



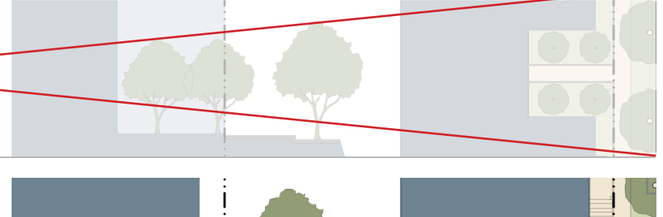
Porch: a facade is set back from the frontage line with a front porch. The porch should be within a conversational distance of the sidewalk. Hedges, fences, or garden walls at the frontage line are encouraged to define the front yard. A great variety of porches is possible, but to be useful, none should be less than 8 ft deep.



Terrace and Light Court: a facade is set back from the frontage line with an elevated garden or terrace, or a sunken light court. This type can effectively buffer residential uses from the sidewalk, by creating an elevated front garden. The terrace created may also be suitable for restaurants and cafes, as the eye of the sitter is level with that of the standing passerby. The light court can give light and access to a basement.



Forecourt: a facade is aligned close to the frontage line with a portion of it set back. The forecourt created is suitable for a garden or plaza, providing a transition from the public sidewalk to the building entry. This type should be used sparingly. Trees within the forecourts should be placed to have their canopies overhanging the sidewalks.



Stoop: a facade is aligned close to the frontage line with the ground story elevated from the sidewalk, securing privacy for the windows. This type is suitable for buildings with ground-floor residential uses, such as townhouses and apartment buildings. This type may be interspersed with the storefront.



Storefront and Awning: a facade is aligned close to the frontage line with the entrance at sidewalk grade. This type is conventional for retail frontage. It is commonly equipped with a cantilevered shed roof or an awning. The absence of a raised ground story generally precludes residential uses on the ground floor, although residential uses may be present where retail is anticipated in the future.



Gallery: a roof extends over the sidewalk above while the building facade remains at the frontage line. This type is most common for office, retail, and manufacturing uses. To be useful, the gallery should be no less than 12 feet deep and should overlap the sidewalk to within 2 feet of a vehicular lane so that a pedestrian cannot bypass it.



Arcade or Colonnade: An arcade (arches) or colonnade (columns and beams) is a structure including habitable space extending over a sidewalk supported by arches and open to the adjacent street or civic space. The ground story remains at the frontage line while the facade of the upper stories overlaps the sidewalk. This type is most common for office, retail, and manufacturing uses.



	T4: Neighborhood General Zone
Residential: Premises available for long-term human habitation by means of ownership or rental for more than 30 consecutive days.	**Open Residential:** Two dwelling units and one accessory dwelling unit are permitted on each lot except for corner lots, which may have two accessory units provided that one faces the secondary frontage.
Lodging: Premises available for short-term human habitation, including daily and weekly rental.	**Limited Lodging:** The property shall be owner-occupied. The number of bedrooms available for lodging shall be limited to 8. Breakfast may be provided to overnight guests before noon each day (e.g. bed & breakfast or inn).
Office: Premises available for the transaction of general business including medical and dental offices, clinics and outpatient facilities, but excluding retail sales and manufacturing.	**Limited Office:** The area available for office use shall be limited to the first story.
Retail: Premises available for the commercial sale of merchandise, services, and prepared foods (including restaurants), but excluding manufacturing.	**Limited Retail:** The building area available for retail use shall be limited to the first story. The specific use shall be further limited to neighborhood store or food service seating no more than 30.
Manufacturing: Premises available for the creation, assemblage, and/or repair of artifacts including their retail sale except when such activity creates adverse impacts.	**Limited Manufacturing:** Manufacturing uses shall be limited to the first story. (e.g. home workshop, artist studio, woodcraft, furniture refinishing, bicycle repair).
Civic: Organizations dedicated to arts and culture, education (including schools), government, recreation, religion, social service, transit, as well as cemeteries, municipal parking, post offices, wedding chapels and the like.	Civic uses are permitted in any transect zone, but shall be of a scale that limits the adverse impacts to neighbors at most times.

Prohibited Uses

The uses listed below, regardless of whether the proposal will be a primary or accessory use, shall be prohibited in this PD:

- Adult Entertainment
- Automobile and/or Truck Washing Facility
- Automobile Body Repair Shop
- Automobile Fueling Station
- Cell Towers exposed to view
- Central Processing Facility for Solid Waste Transfer, Materials Resource Recovery and/or Recycling
- Commercial Amusement, Outdoor
- Commercial Kennels and Animal Husbandry
- Commercial Stable
- Concrete or Asphalt Batching Plant
- Construction and Demolition Debris Disposal Facility
- Distribution Facilities
- Solid Waste Incinerators
- Junk & Wrecked Vehicle Salvage Yard Facility
- Methane Recovery Facility associated with Soil Removal
- Mineral Extraction and Surface Mining
- Motor Vehicle Impound lots
- Mover Storage Facility
- Moving Truck and Trailer Rental
- Outdoor Vending Machines, except those for bikes, scooters, etc.
- Paint Mixing & Spraying Facility
- Petroleum or Related Products Refining or Distributor
- Plastic & Rubber Products Manufacture
- Race Tracks
- Recycling and Salvage Center (except architectural salvage)
- Salvage Motor Vehicle Auction or Pool Facility
- Sanitary Landfill
- Shooting Range, Outdoor
- Solid Waste Disposal Facility
- Truck Stop
- Truck Terminals
- Wind Energy Conversion System, Large Wind Farms
- Other uses which create an adverse impact on adjacent properties adjacent to this community (noise, vibration, odor, pollution, socio-economic disruption, etc.). Impacts confined to this community are not considered adverse.

Similar Uses: For a proposed use not listed herein, a warrant may be issued as described elsewhere in these PD Standards.

Use Standards

1. **Signs.** The following sign standards apply to commercial uses:
   - One blade sign for each business entrance may be installed perpendicular to the facade. Such a sign shall not exceed 6 square feet and shall clear the sidewalk by 8 feet.
   - One band sign may be applied to the facade of each storefront. Such a sign shall not exceed 3 feet in height by any length.
   - Signage shall be externally illuminated or neon.



Example of a blade sign.



Example of a band sign.

Accessory Building: an Outbuilding with an Accessory Unit.

Accessory Unit: an Apartment not greater than 700 square feet sharing ownership and utility connections with a Primary Building; it may or may not be within an Outbuilding.

Allee: a regularly spaced and aligned row of trees usually planted along a Thoroughfare or Path.

Apartment: a Residential unit sharing a building and a Lot with other units and/or uses; may be for rent, or for sale as a condominium.

Attic: the interior part of a building contained within a pitched roof structure.

Backbuilding: a single-Story structure connecting a Primary Building to an Outbuilding. *See 17.*

Bed and Breakfast: *See Lot Standards: Use.*

Block: the aggregate of private Lots, Secondary Thoroughfares, and Parking Lots, circumscribed by Primary Thoroughfares.

Civic Building: a building operated by not-for-profit organizations dedicated to arts, culture, education, recreation, government, transit, and municipal parking, or for use approved by the legislative body.

Civic Space: an outdoor area dedicated for public use. Civic Space types are defined by the combination of certain physical constants including the relationships among their intended use, their size, their landscaping and their Enfronting buildings. *See 9.*

Commercial: the term collectively including Lodging, Office, and Retail Uses.

Common Lawn: *See Frontage Types.*

Curb: the edge of the vehicular pavement that may be raised or flush. It usually incorporates the drainage system.

Driveway: a vehicular lane within a Lot, often leading to a garage.

Dwelling Unit: one or more rooms used, or intended to be used for occupancy by one person or a group of persons living together as a family. Each installation of kitchen facilities consisting of at least a stove or cooking device and a sink shall be a separate dwelling unit.

Effective Turning Radius: *See the following page.*

Elevation: *See the following page.*

Encroach: to break the plane of a vertical or horizontal regulatory limit with a structural element, so that it extends into a Setback, into the Public Frontage, or above a height limit.

Encroachment: any structural element that breaks the plane of a vertical or horizontal regulatory limit, extending into a Setback, into the Public Frontage, or above a height limit.

Enfront: to place an element along a Frontage, as in "porches Enfront the street."

Facade: *See the following page.*

Frontage: *See the following page.*

Frontage Line: *See the following page.*

Frontage Buildout: That portion of a setback line which shall have a building facade on it.

Gallery: *See Frontage Types*

Green: *See Civic Spaces: Types & Standards.*

Inn: *See Private Lots: Use.*

Liner Building: a building specifically designed to mask a parking lot or a Parking Structure from a Frontage.

Live-Work: a Mixed Use unit consisting of a Commercial and Residential Use. The Commercial Use may be anywhere in the unit. It is intended to be occupied by a business operator who lives in the same structure that contains the Commercial activity or industry. (Syn. flexhouse.)

Lodging: *See Private Lots: Use.*

Lot: a parcel of land accommodating a building or buildings of unified design. The size of a Lot is controlled by its width in order to determine the grain (i.e., fine grain or coarse grain) of the urban fabric.

Lot Layer: a range of depth of a Lot within which certain elements are permitted.

Lot Line: *See the following page.*

Lot Width: the length of the Primary Frontage Line of a Lot.

Manufacturing: *See Private Lots: Use.*

Office: *See Private Lots: Use.*

Open Space: land intended to remain undeveloped; it may be for Civic Space.

Outbuilding: a building, usually located toward the rear of the same Lot as a Primary Building, and sometimes connected to the Primary Building by a Backbuilding

Park: *See Civic Spaces: Types & Standards*

Passage (PS): a pedestrian connector, open or roofed, that passes between buildings to provide shortcuts through long Blocks and connect rear parking areas to Frontages.

Path (PT): a pedestrian way traversing a Park or rural area, with landscape matching the contiguous Open Space, ideally connecting directly with the urban Sidewalk network.

Pavement Radius: *See the following page.*

Planter: the element of the Public Frontage which accommodates street trees, whether continuous or individual.

Plaza: *See Civic Spaces: Typess & Standards.*

POA: Property Owners Association

Primary Building: the main building on a Lot, usually located toward the Frontage.

Primary Entrance: the main point of access for pedestrians into a building.

Primary Frontage: *See the following page.* *See* **Frontage.**

Private Frontage: *See the following page.* *See* **Frontage.**

Public Frontage: *See the following page.* *See* **Frontage.**

Rear Alley (RA): a vehicular way located to the rear of Lots providing access to service areas, parking, and Outbuildings and containing utility easements. Rear Alleys are typically paved from building face to building face, with drainage by inverted crown at the center or with roll Curbs at the edges. *See 8.*

Regulating Plan: a Zoning Map or set of maps that shows the Transect Zones, Civic Zones, Special Districts if any, and Special Requirements if any, of areas subject to, or potentially subject to, regulation by the SmartCode. *See 3.*

Residential: *See Private Lots: Use.*

Retail: S*ee Private Lots: Use.*

Right-of-Way (R.O.W.): *See the following page.*

Road (RD): a local, rural and suburban Thoroughfare of low-to-moderate vehicular speed and capacity. This type is allocated to the more rural Transect Zones (T1-T3).

Secondary Frontage: *See the following page.* *See* **Frontage.**

Setback: the area of a Lot measured from the Lot line to a building Facade or Elevation that is maintained clear of permanent structures, with the exception of Encroachments listed on *13. See 17.*

Sidewalk: the paved section of the Public Frontage dedicated exclusively to pedestrian activity.

Square: S*ee Civic Spaces: Types & Standards.*

Stoop: *See Frontage Types.*

Storefront: a Private Frontage conventional for Retail use, with substantial glazing and an awning, wherein the Facade is aligned close to the Frontage Line with the building entrance at Sidewalk grade.

Story: a habitable level within a building, excluding an Attic or raised basement.

Street (ST): a local urban Thoroughfare of low speed and capacity. *See 5.*

Swale: a low or slightly depressed natural area for drainage.

T-zone: *See* **Transect Zone.**

Terminated Vista: a location at the axial conclusion of a Thoroughfare. A building located at a Terminated Vista designated on a Regulating Plan is required or recommended to be designed in response to the axis.

Thoroughfare: a way for use by vehicular and pedestrian traffic and to provide access to Lots and Open Spaces, consisting of Vehicular Lanes and the Public Frontage. *See the following page*

Transect: a cross-section of the environment showing a range of different habitats. The rural-urban Transect of the human environment used in the SmartCode template is divided into six Transect Zones. These zones describe the physical form and character of a place, according to the Density and intensity of its land use and Urbanism.

Transect Zone: One of several areas on a Zoning Map regulated by the SmartCode. Transect Zones are administratively similar to the land use zones in conventional codes, except that in addition to the usual building use, Density, height, and Setback requirements, other elements of the intended habitat are integrated, including those of the private Lot and building and Public Frontage. (syn. T-zone)

Turning Radius: the curved edge of a Thoroughfare at an intersection, measured at the inside edge of the vehicular tracking. The smaller the Turning Radius, the smaller the pedestrian crossing distance and the more slowly the vehicle is forced to make the turn.

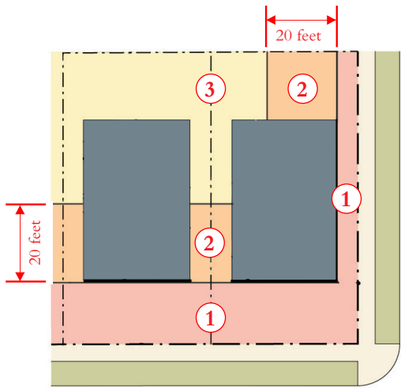
Use: the function or functions accommodated by a building and its Lot, categorized as Restricted, Limited, or Open, according to the intensity of the use.

Variance: a ruling that would permit a practice that is not consistent with either a specific provision or the Intent of these PD Standards. Variances are granted by the Zoning Board of Adjustment in a public hearing.

Warrant: a ruling that would permit a practice that is not consistent with a specific provision of these PD Standards, but that is justified by its Intent. Warrants are granted administratively.

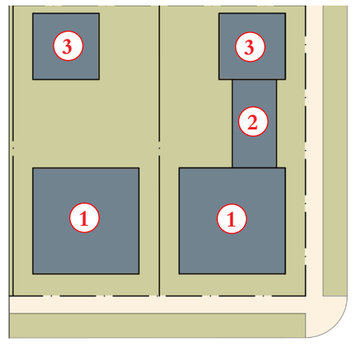
Yield: characterizing a Thoroughfare that has two-way traffic but only one effective travel lane because of parked cars, necessitating slow movement and driver negotiation. Also, characterizing parking on such a Thoroughfare.

Lot Layers



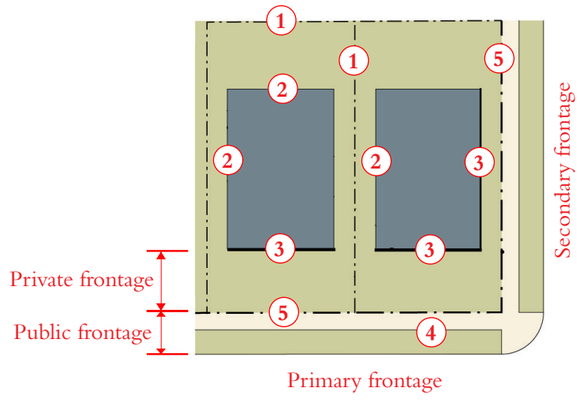
1. **1st Layer**
2. **2nd Layer**
3. **3rd Layer**

Principle Building & Outbuilding



1. **Primary Building**
2. **Backbuilding**
3. **Outbuilding**

Frontage & Lot Lines



1. **Lot Line**: the boundary that legally and geometrically demarcates a lot.
2. **Elevation**: an exterior wall of a building not facing a frontage line.
3. **Facade**: the exterior wall(s) of a building that is (are) set along a frontage line. Facades face frontage lines and define the public realm, and are therefore more regulated than the elevations facing other lot lines.
4. **Right-of-Way (R.O.W.):** the composite public area dedicated to circulation, including the vehicular way and the streetscape.

   Frontage: the area between a building facade and a thoroughfare or civic space, inclusive of its various built and planted components. Frontage is divided into private frontage and public frontage.
5. **Frontage Line:** the line between the public and private frontage, (primary or secondary). The frontage line is co-incident with the property line(s), at frontages.

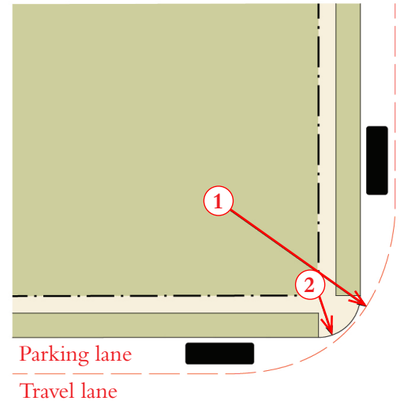
   Primary Frontage: on lots with multiple frontages, the frontage which will bear the address and primary entrance to the building.

   Secondary Frontage: on lots with multiple frontages, the frontage(s) that are not the primary frontage.

   Private Frontage: the privately held Layer between the Frontage Line and the Primary Building Facade.

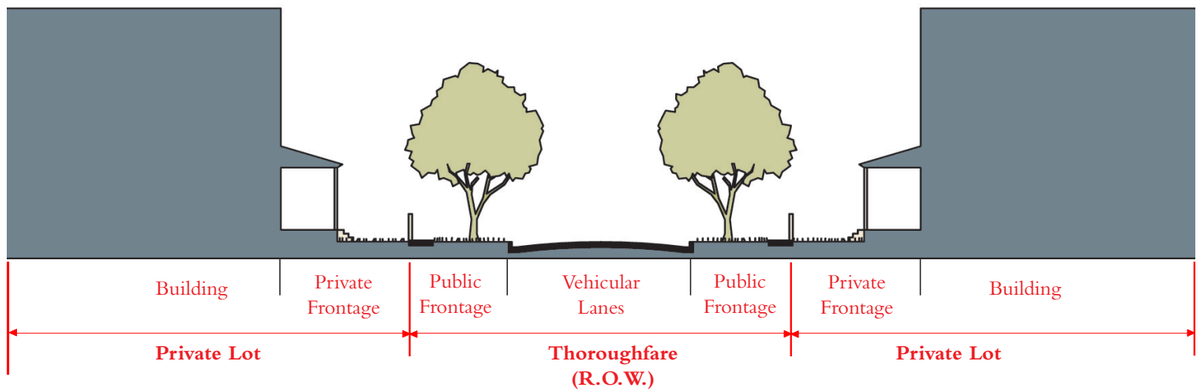
   Public Frontage: the area between the Curb of the vehicular lanes and the Frontage Line.

Turning Radius



1. **Effective Turning Radius:** the measurement of the inside turning radius taking parked cars into account.
2. **Pavement Radius:** the curved edge of a vehicular lane at an intersection, measured at the inside edge of the travel lane if there is no on-street parking, or the parking lane if there is. The smaller the pavement radius, the more slowly the vehicle is forced to make the turn.

Thoroughfare & Frontages





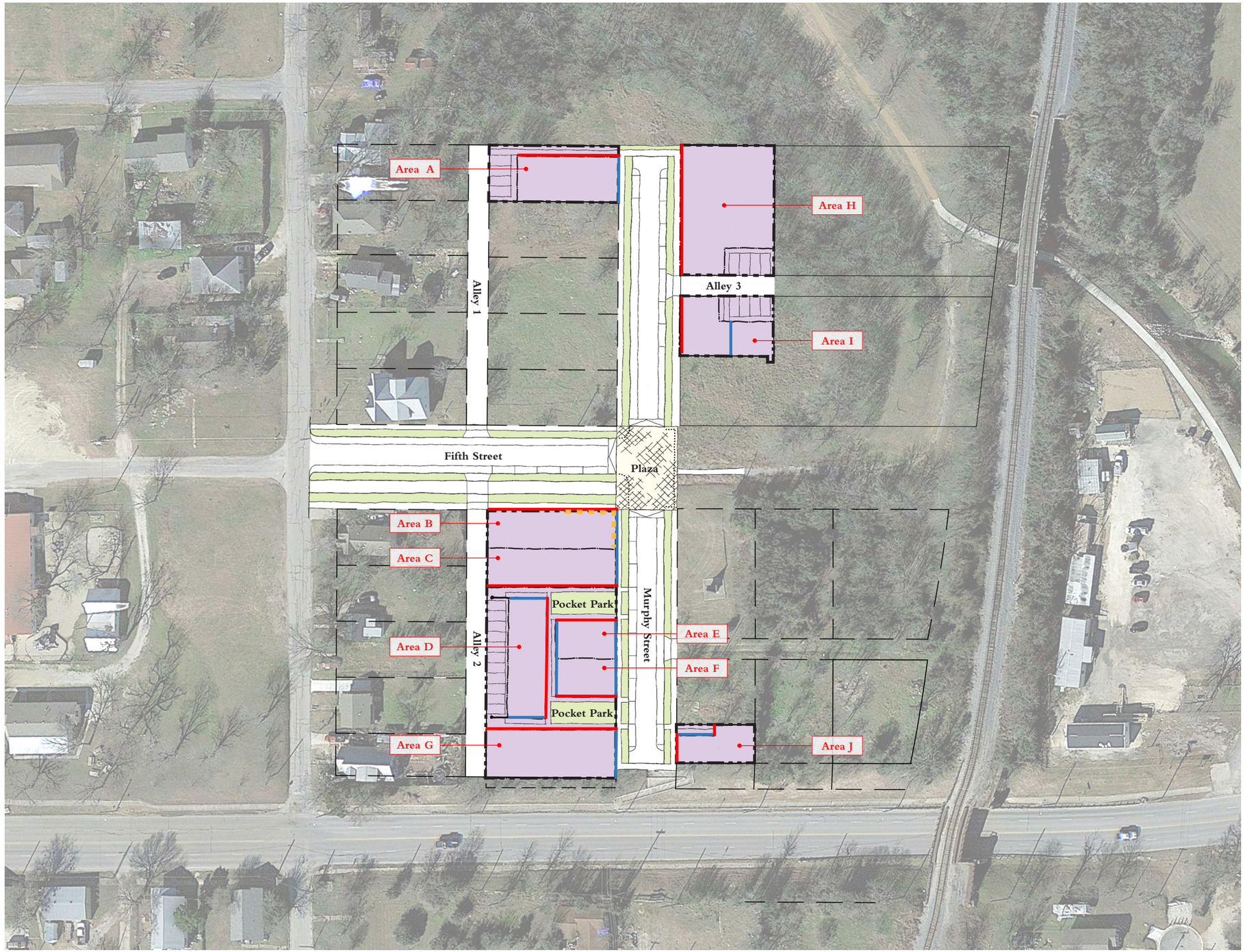
Key

Site Boundary

Private lots to be platted

N

0 ft 50 ft 100 ft 200 ft



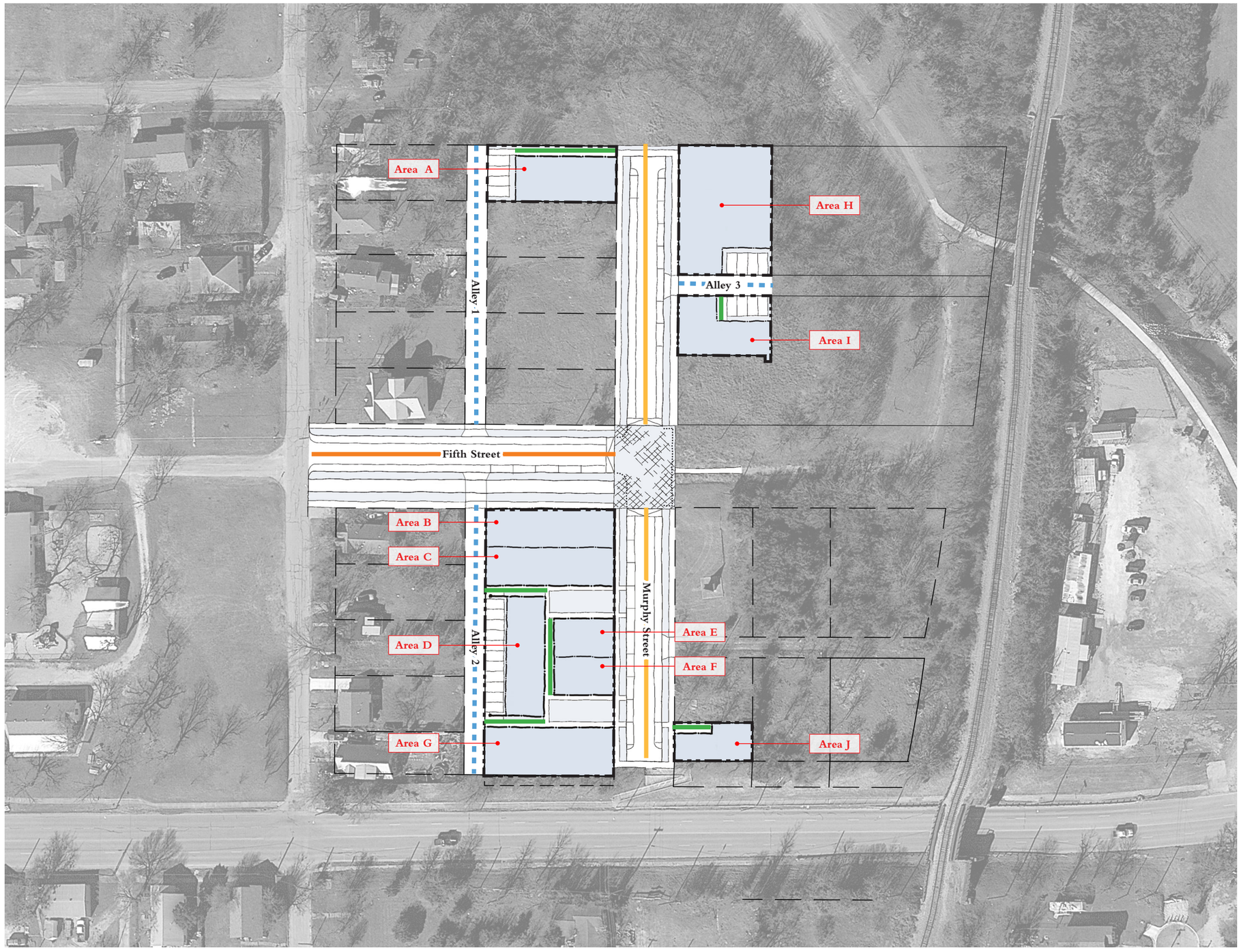
Key

- T4: Neighborhood General Zone
- Civic space
- Private lots to be platted
- Primary frontage
- Secondary frontage
- Potential commercial frontage

The exact location of primary and secondary frontages may be refined based on how lots are platted.

N

0 ft 50 ft 100 ft 200 ft



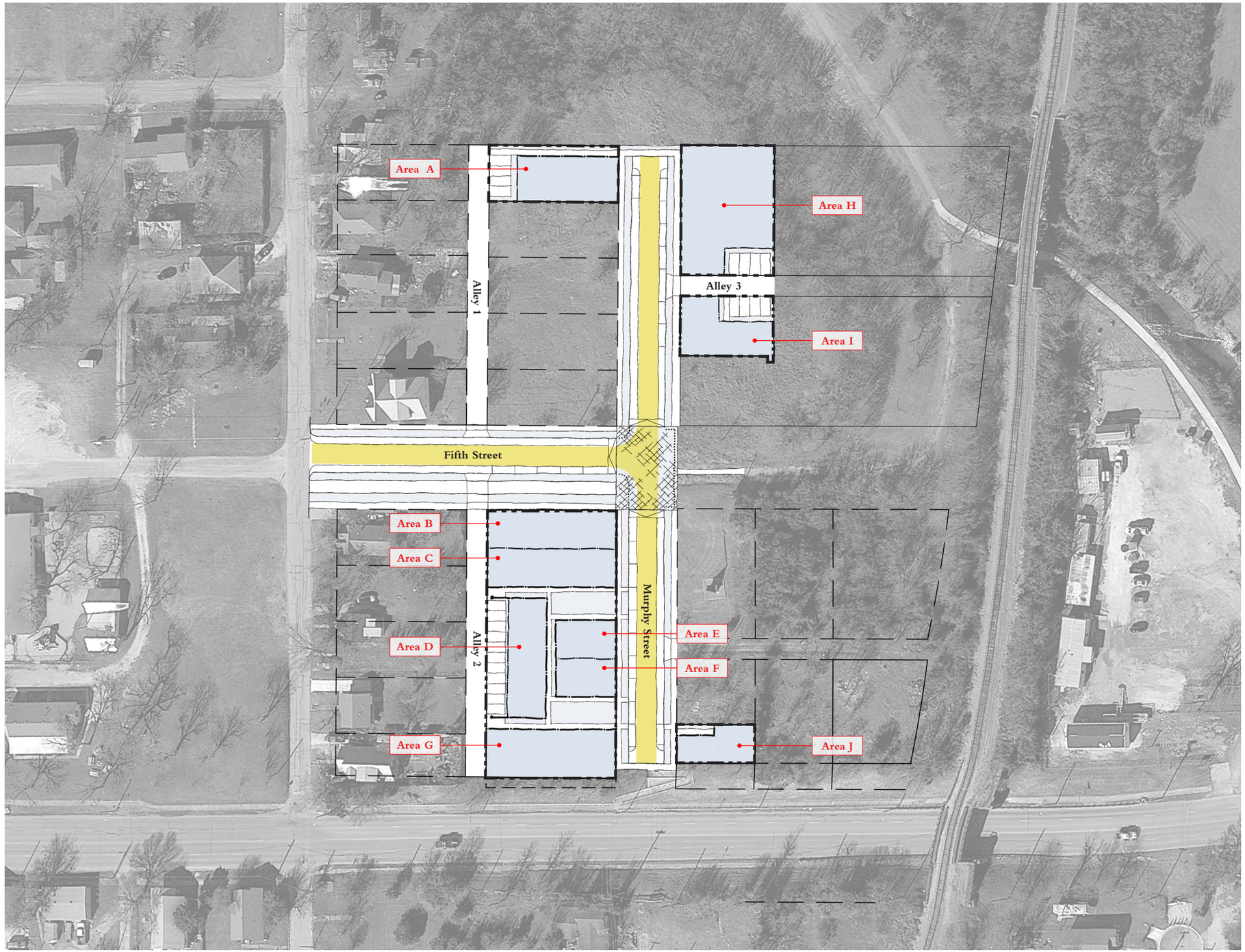
Key

- ST-60-20
- ST-80-20
- RA-20
- PT-V-5

Area K may require additional thoroughfares (PT-V-5) to provide frontage to all lots.

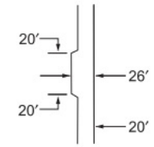
N

0 ft 50 ft 100 ft 200 ft



Fire Apparatus Access Notes

1. Fire Apparatus Access Roads shall be 20 feet clear minimum
2. All Fire Apparatus Access Roads shall have an effective inside turning radius of 25 feet.
3. All Fire Apparatus Access Roads shall be a maximum distance of 150 feet from all portions of any building.
4. Where a fire hydrant is located on a Fire Apparatus Access Road, the minimum road width shall be 26 feet (7925 mm), exclusive of all shoulders (*see graphic below*).



MINIMUM CLEARANCE AROUND A FIRE HYDRANT

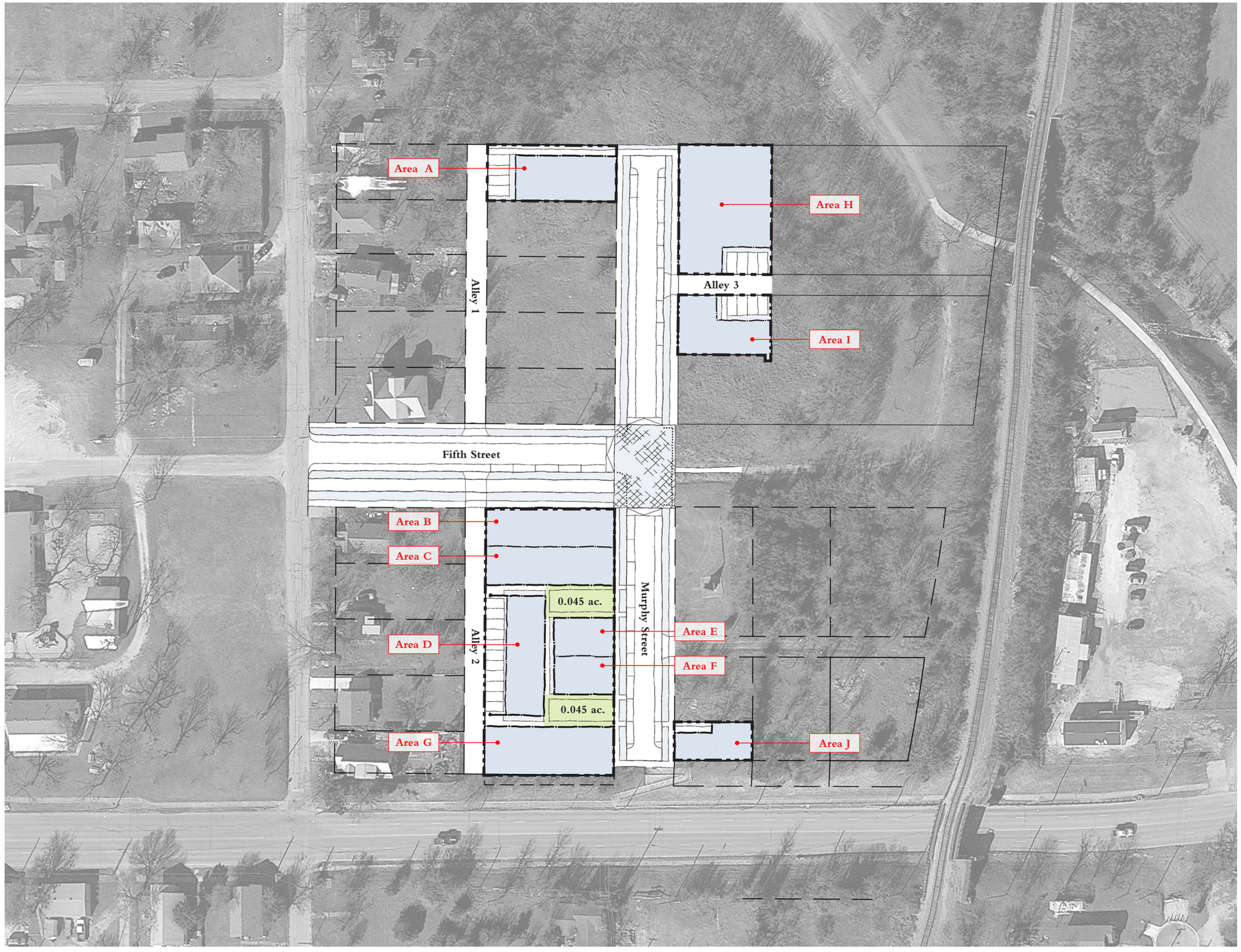
Key

20-foot lane

Proposed fire apparatus turnaround at the intersection of Fifth Street and Murphy Street.

N

0 ft 50 ft 100 ft 200 ft



Key

Open Space: **0.09 acres**

Total Area: **1.32 acres**

Open Space Ratio: **6.8%**

The plaza at the intersection of Fifth Street and Murphy Street is not included in these calculations.

N

0 ft 50 ft 100 ft 200 ft

N

PZ-2022-1560

MSR II PD/Re-Zoning
Proposed Zoning Map
Approximately 1.40 Acres

Subject Properties

E 6TH ST
E 5TH ST
E 4TH ST
E 3RD ST
BURKETT ST
MURPHY ST
ELLIOTT ST
N ROBINSON ST

Legend

- Subject Property
- Parcels
- Streets

ZONING

- B-1
- I Institutional
- MF-2 Multi-Family
- P Parks
- R-1 Single Family
- MF-1/RPD



0 212.5 425 US Feet

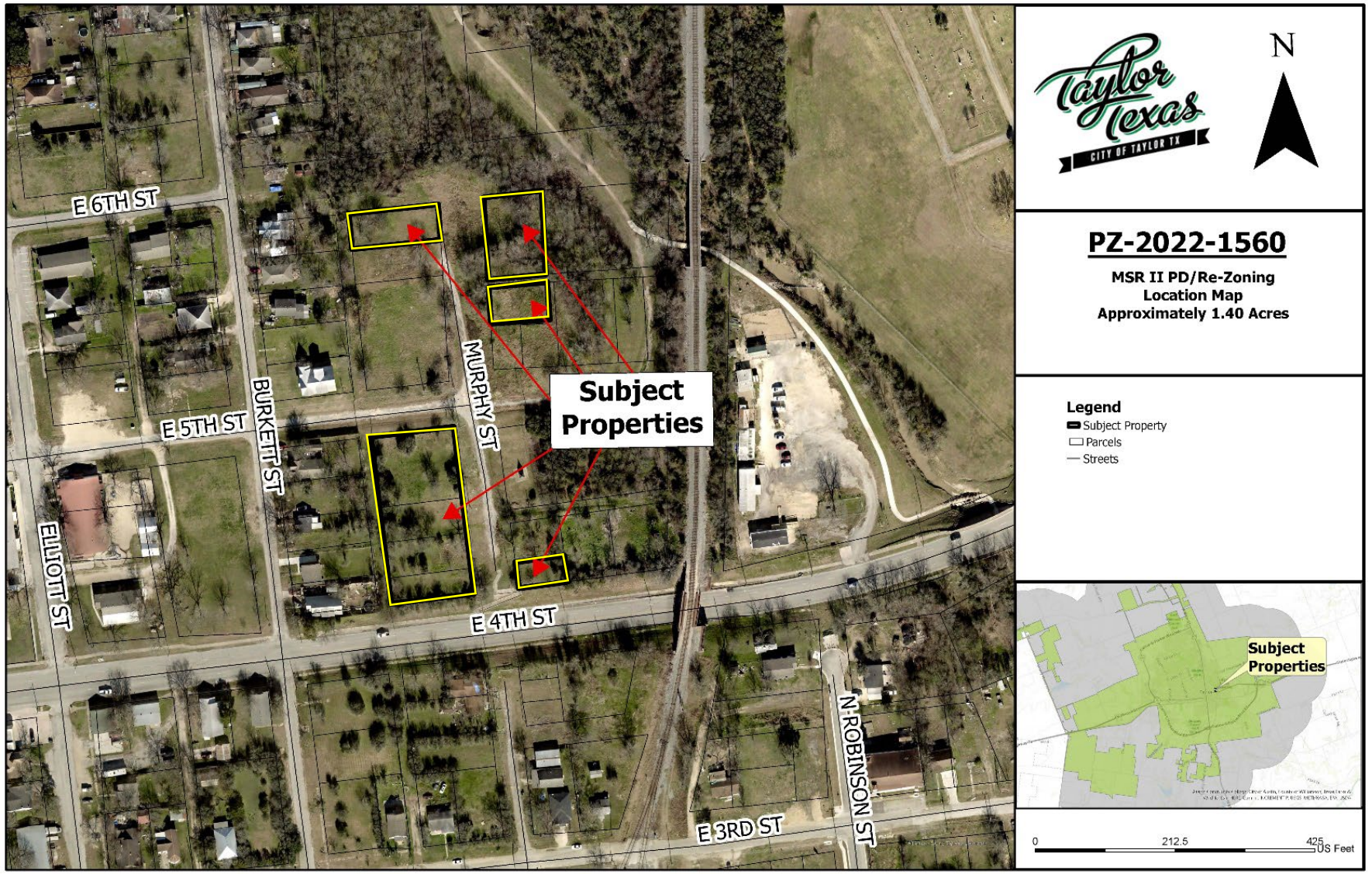
City of Taylor
City Council

March 23, 2023

PZ-2022-1560

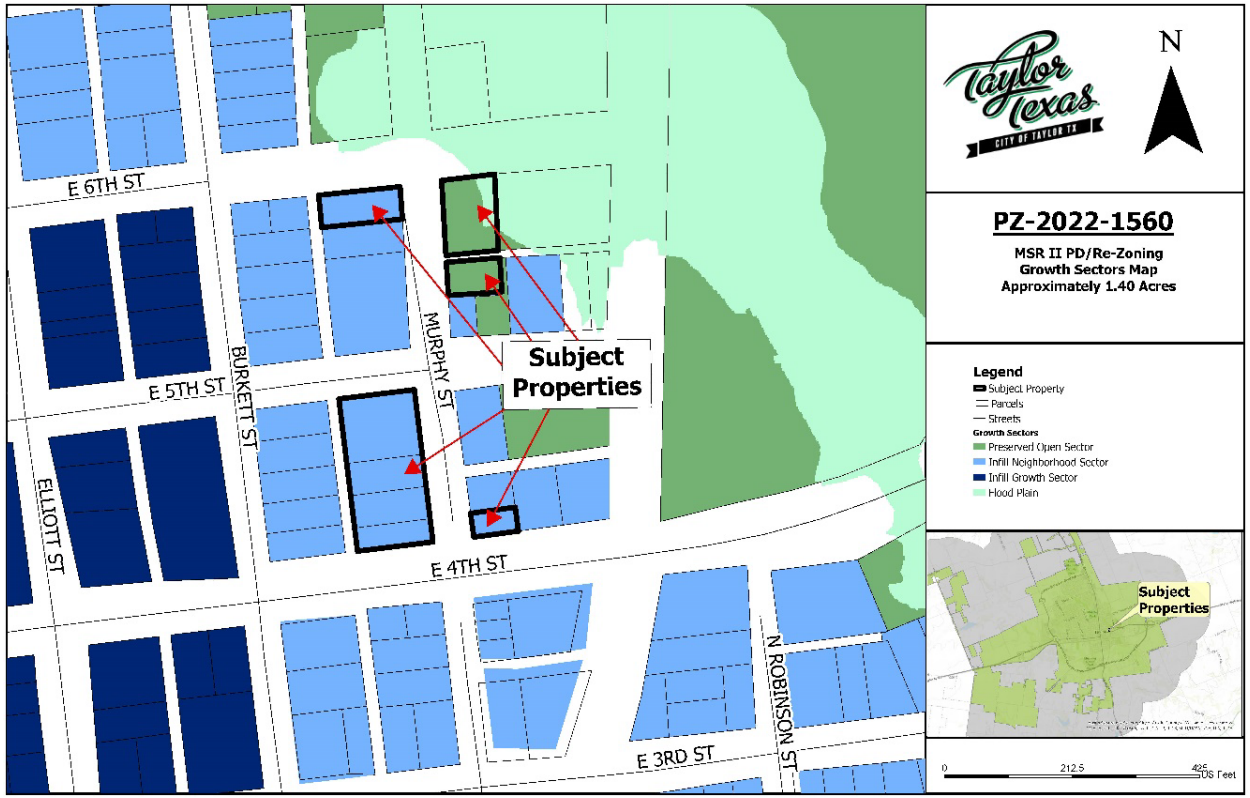
MSR II PD/Re-Zoning

Location Map

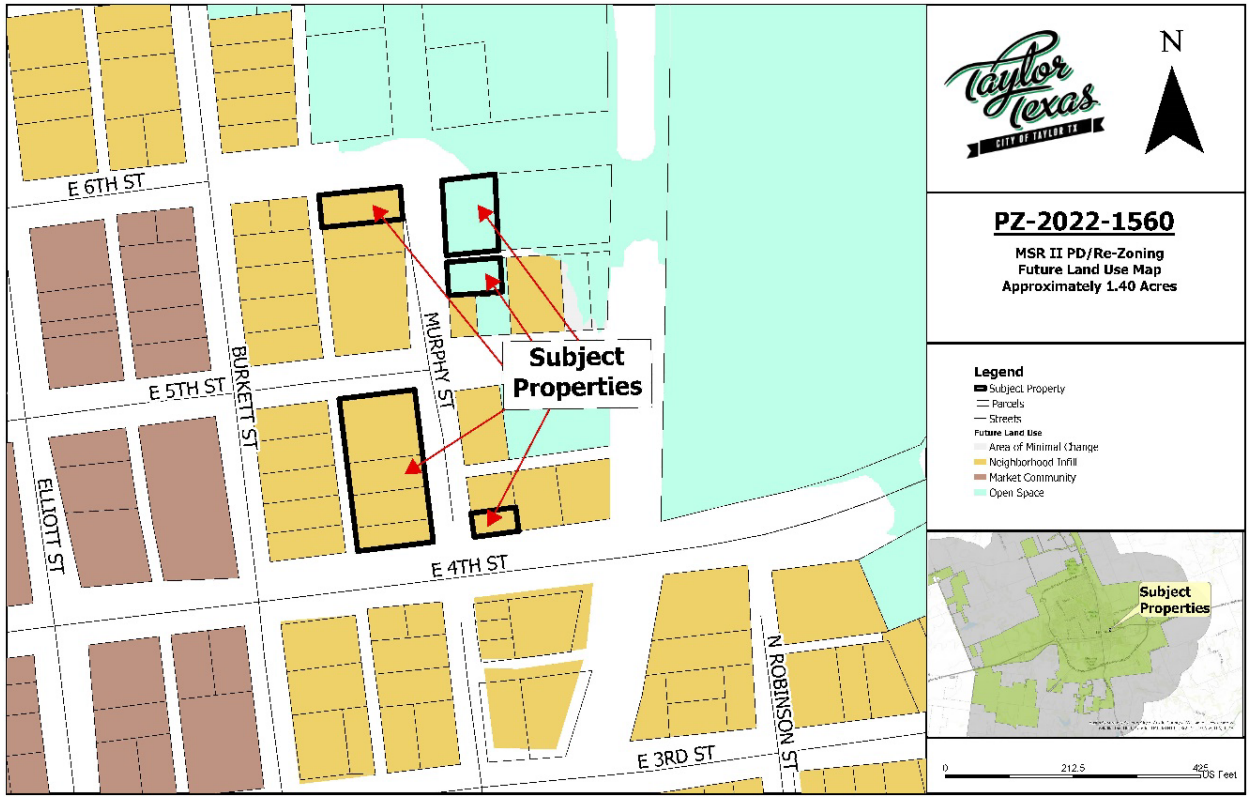


Address/Location: Generally located along Murphy St.

Growth Sectors & Future Land Use Maps

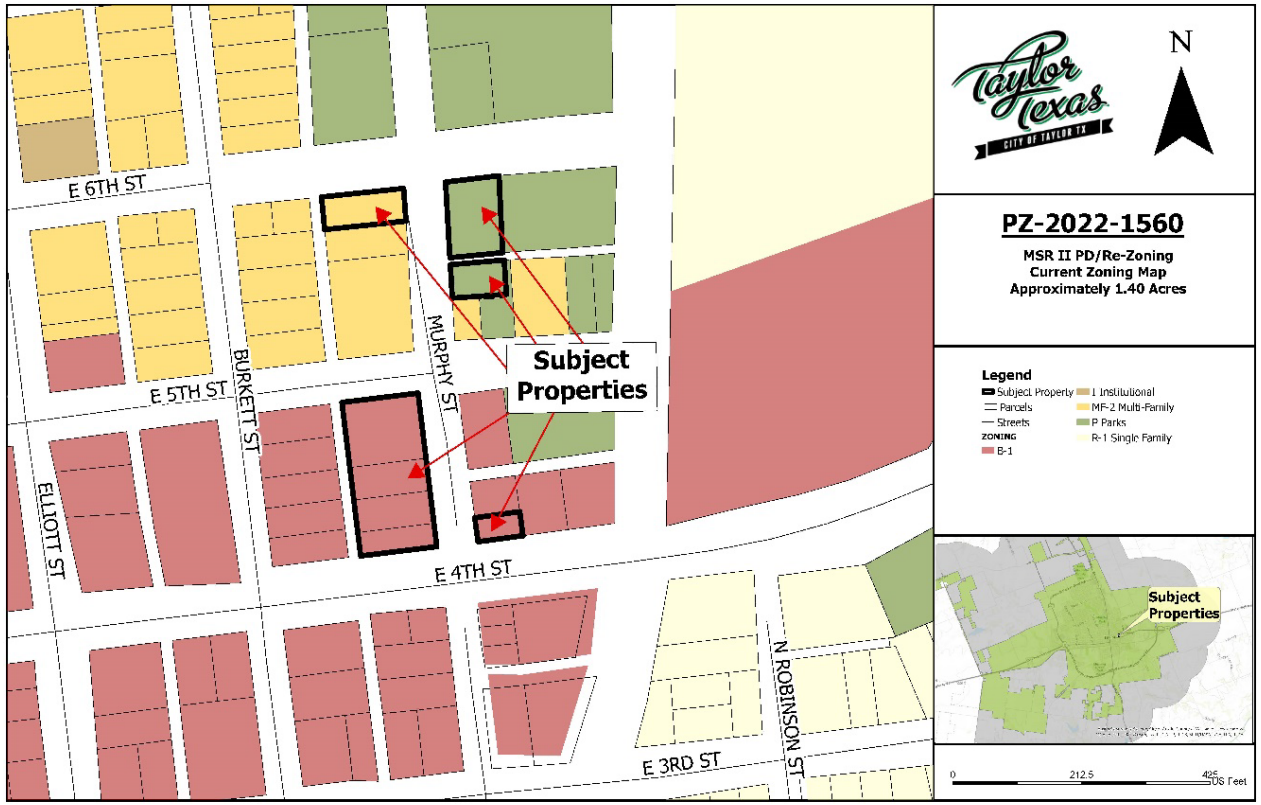


Intended Growth Sector, Preserved Growth Sector, and Flood Plain

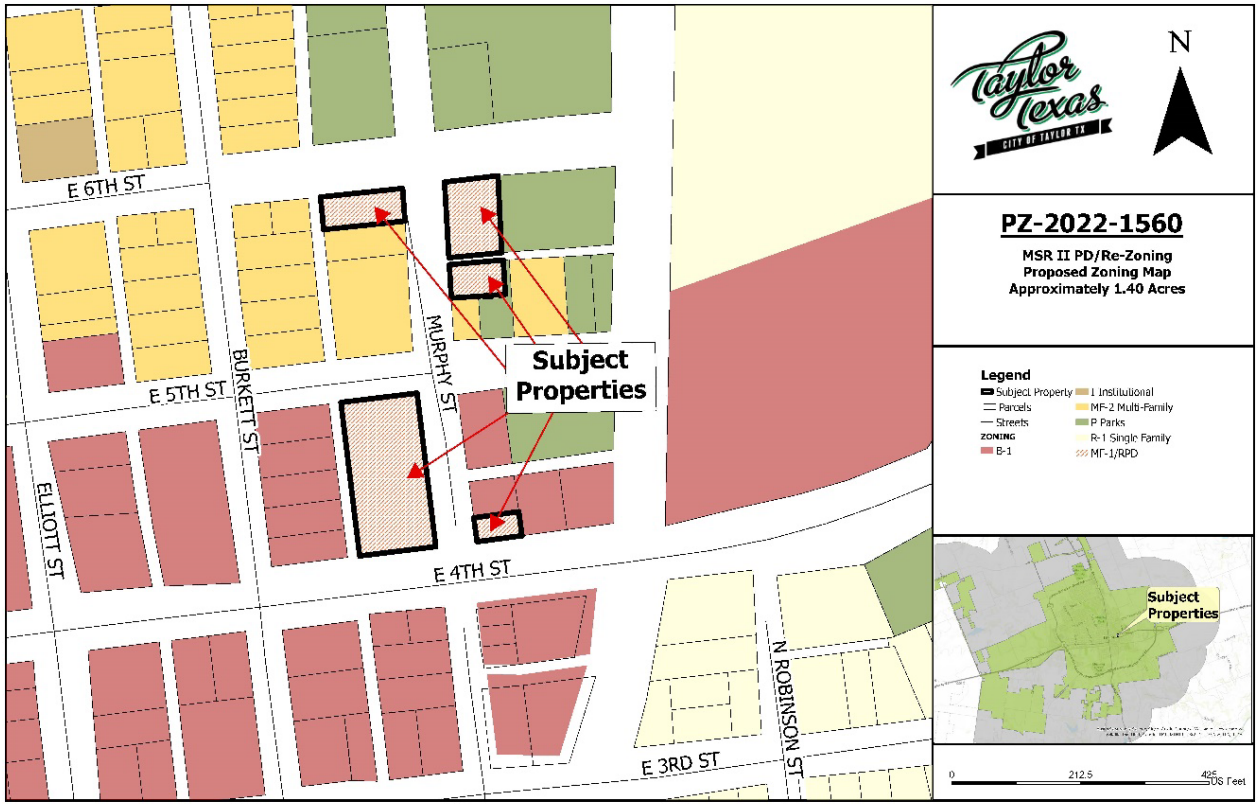


Infill Neighborhood Sector and Open Space

Current & Proposed Zoning

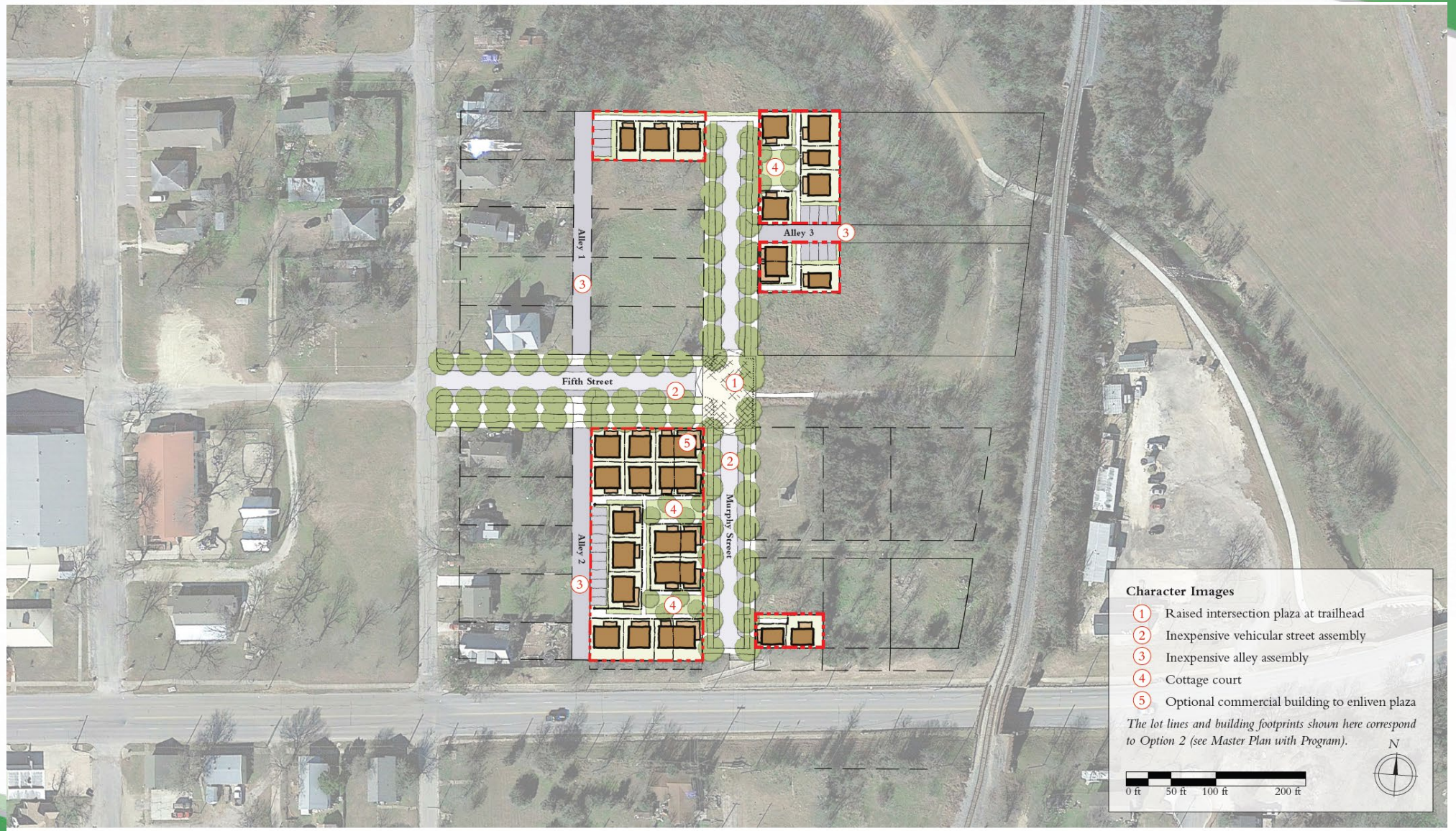


Local Business (B-1),
Multi-Family Residential (MF-2), and Parks (P)



Multi-Family Residential with a Residential
Planned Development Overlay (MF-1/RPD)

Proposed Master Plan



Options



The proposed development outlines a variety of dwelling types and floorplans that would be available area to area.

3 Main Options for housing variation were identified.

Neighborhood Character Images



2 *Inexpensive Street Assembly with Gravel Parking Lanes, Seaside, Fla.*



3 *Gravel Alley, Carlton Landing, Okla.*



4 *Detached Cottage Court, Fort Smith, Ark.*



4 *Attached Cottage Court, Brooklyn, N.Y.*



5 *Option Commercial Building, East Beach, Va.*

Taylor Texas
CITY OF TAYLOR TX



On site with David Legere and the Development Review Committee

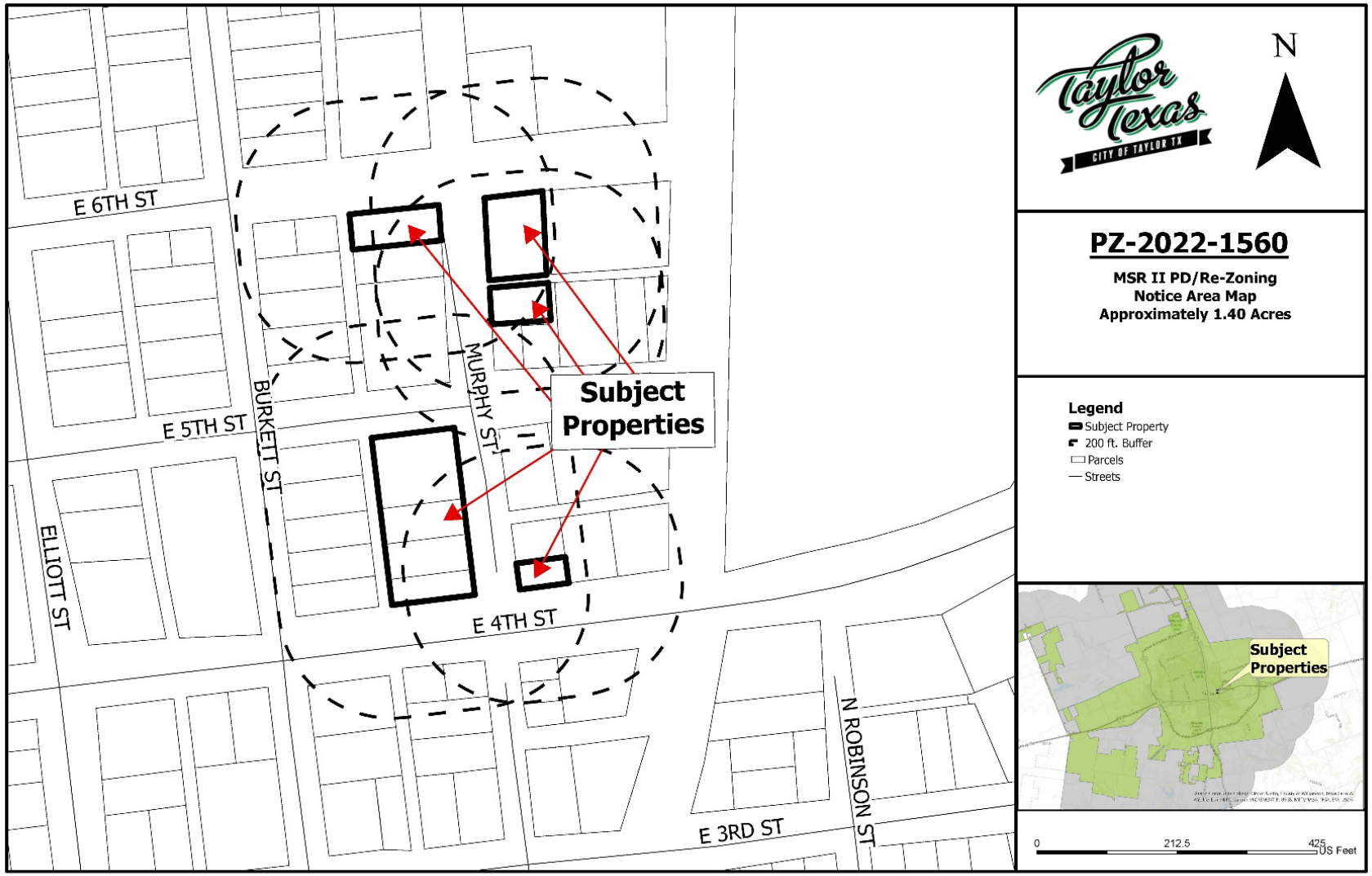




Day 2 Neighborhood Design



Notice Area Map



- 30 notices were sent out to adjacent property owners within 200 ft. of the subject property and public entities.
- Staff received 0 responses from the notified parties.

P&Z Recommendation

On March 14, 2023, the Planning and Zoning Commission voted to recommend approval of the proposed Zoning Map Amendment request.

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☒ Streets/Infrastructure
☐ Quality of Life
☐ Economic Vitality

Agenda Item #: 7

Agenda Title: **Consider acceptance of subdivision infrastructure for the Castlewood Subdivision Phase 2 & 3**

Council Action to be taken: Consider acceptance

Department Submitted: Public Works

Staff Contact: Jim Gray, Director of Public Works

1. PURPOSE/DESCRIPTION

The purpose of this agenda item is to accept the public infrastructure completed for the Castlewood Subdivision Phase 2 & 3.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The Castlewood Subdivision Phase 2 & 3 development are the final phases of the Castlewood Subdivision with Phase 1 previously accepted on June 23, 2022. As part of the Subdivision Process, acceptance of the public infrastructure is required once construction of the improvements have been completed in accordance to City Ordinances. The Castlewood Subdivision Phase 2 & 3 has passed inspections and the Developer has provided the required acceptance documentation per the City's Ordinances.

3. PROS and CONS

PROS	CONS
• N/A	• N/A

4. RECOMMENDATION

Staff recommends accepting the public infrastructure completed for the Castlewood Subdivision Phase 2 & 3.

5. FUNDING SOURCE

N/A

6. TIMELINE

Planned Development Zoning Ordinance Approved – September 26, 2019
Preliminary Plat Approved – February 11, 2020
Subdivision Improvement Plans Approved – January 8, 2021
Phase 2 & 3 Final Plat Approved – April 12, 2022

7. OTHER OPTIONS (In order of preference)

Do not accept infrastructure

8. ATTACHMENTS

7a. City Engineer Acceptance Certificate
7b. Maintenance Bond
7c. Record Drawings
7d. Subdivider's Affidavit of Completion
7e. Waiver of Liens
7f. Developer's Engineer Letter of Concurrence and Contract Price of Public Improvements
7g. a-b Testing Reports
7h. Drainage Maintenance Agreement
7i. TxDOT Letter of Acceptance – Turn Lane Improvements
7j. TIA Pro-rata Traffic Signal Requirements – Confirmation of Payment Received

CERTIFICATE OF ACCEPTANCE

PROJECT: Castlewood Phase 2 & 3 – Public Infrastructure Improvements
CONTRACTOR: DNT Construction, LLC
CONTRACT FOR: Public Infrastructure Improvements

This CERTIFICATE OF ACCEPTANCE applies to all work under the Contract Documents or to the following specified parts thereof: **Castlewood Phase 2 & 3 public infrastructure improvements including: paving, drainage, water, and wastewater utility improvements within public right-of-way.**

BY: Jacob E Walker, PE

Jacob E. Walker, P.E.
HDR Engineering, Inc.
City Engineer

FOR: The City of Taylor

TO: DNT Construction, LLC
CONTRACTOR

The work to which this Certificate applies has been inspected by authorized representatives of **OWNER, CONTRACTOR, AND CITY,** and that work is hereby declared to be complete in accordance with the Contract Documents and is accepted by the City of Taylor on:

4/13/2023

Date of Acceptance

IMPORTANT NOTICE – THIS POWER OF ATTORNEY IS VOID IF "LNIC Original" WATERMARK IS NOT PRESENT

POWER OF ATTORNEY
Lexington National Insurance Corporation

Lexington National Insurance Corporation, a corporation duly organized under the laws of the State of Florida and having its principal administrative office in Baltimore County, Maryland, does hereby make, constitute and appoint:

John Ecard Genet, Jr., Alexis Ryder

as its true and lawful attorney-in-fact, each in their separate capacity, with full power and authority to execute, acknowledge, seal and deliver on its behalf as surety any bond or undertaking of $6,000,000 or less. This Power of Attorney is void if used for any bond over that amount.

This Power of Attorney is granted under and by authority of the following resolutions adopted by the Board of Directors of the Company on February 15, 2018:

Be it Resolved, that the President or any Vice-President shall be and is hereby vested with full power and authority to appoint suitable persons as Attorney-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and on the behalf of the Company, to execute, acknowledge and deliver any and all bonds, contracts, or indemnity and other conditional or obligatory undertakings, including any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts, and any all notices and documents cancelling or terminating the Company's liability thereunder and any such instruments so executed by any Attorney-in Fact shall be binding upon the Company as if signed by the President and sealed by the Corporate Secretary.

RESOLVED further, that the signature of the President or any Vice-President of LEXINGTON NATIONAL INSURANCE CORPORATION may be affixed by facsimile to any power of attorney, and the signature of the Secretary or any Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of such power, or any such power or certificate bearing such facsimile signature or seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed with respect to any bond to which it is attached continue to be valid and binding upon the Company.

IN WITNESS WHEREOF, the Company have caused this instrument to be signed and their corporate seal to be hereto affixed.

Ronald A. Frank, President

State of Maryland
County of Harford County, SS:

Before me, a notary public, personally appeared, Ronald A. Frank, President of Lexington National Insurance Corporation, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under the PENALTY of PERJURY under the laws of the State of Maryland that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Commission Expires: 05/23/24

Notary

I, Lisa R. Slater, Secretary of Lexington National Insurance Corporation, do hereby certify that the above and foregoing is true and correct copy of a Power of Attorney, executed by said company, which is still in full force and effect; furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seal of said Company at Baltimore, Maryland this 27th day of January, 2022.

Lisa R. Slater, Secretary

Attached to bond signed this 31st day of October, 20 22

F:\lnic\Power of Attorney form CS 2021 with Watermark Seal

BOND NO: L259122-2142
PREMIUM: $2,249.32

MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENTS, That we,

Castlewood Developers, LLC

hereinafter called Principal, as Principal, and Lexington National Insurance Corporation, a corporation organized and existing under the laws of the State of Florida and authorized to transact a general surety business in the State of Texas (hereinafter called Surety), as Surety, are held and firmly bound unto

City of Taylor, Williamson County

(hereinafter called Obligee), in the sum of one hundred twelve thousand four hundred sixty-five & 75/100 DOLLARS($112,465.75)

lawful money of the United States of America, to be paid to the said Obligee, or its successors or assigns, to the payment of which sum well and truly to be made, we do bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal entered into a contract with the said Obligee, dated February 24, 2022 for Castlewood Subdivision Phase 2 & 3 wastewater improvements, water improvements, stormwater management, pavement and appurtenances and,

WHEREAS, the Obligee requires that these presents be executed on or before the final completion and acceptance of said contract and

WHEREAS, said contract was completed and accepted on June 14, 2022

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall remedy without cost to the Obligee, any defects which may develop during a period of 24 months from the date of completion and acceptance of the work performed under the contract, caused by defective or inferior materials or workmanship, then this obligation shall be void; otherwise it shall be and remain in full force and effect.

SIGNED, SEALED AND DATED THIS DAY OF October 31, 2022

Principal
By _____
Signature

ASHLEY NICOLE BYRNS
Notary ID #132061597
My Commission Expires
June 21, 2023

Lexington National Insurance Corporation
By _____
Signature

LEXINGTON NATIONAL INSURANCE CORP. INCORPORATED 1989 FLORIDA

CIVIL CONSTRUCTION PLANS
PAVING, GRADING & UTILITIES
FOR
CASTLEWOOD SUBDIVISION
PHASES 1, 2, & 3
CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS

REVISIONS/CORRECTIONS							
NO.	DESCRIPTION	REVISE (R) VOID (V) ADD (A) SHEET NO.'S	TOTAL NO. SHEETS IN PLAN SET	NET CHANGE IMP. COVER (SQ. FT.)	TOTAL SITE IMP. COVER (SQ. FT.)/%	CITY OF TAYLOR APPROVAL DATE	DATE IMAGED
1.	1ST ROUND COMMENTS	R	81			–	3/20/20
2.	2ND ROUND COMMENTS	R	106			–	5/15/20
3.	3RD ROUND COMMENTS	R	106			–	6/19/20
4.	4TH ROUND COMMENTS	R	107			–	8/14/20
5.	5TH ROUND COMMENTS	R	107			–	10/16/20
6.	6TH ROUND COMMENTS	R	107			–	11/12/20
7.	PLAN REVISION	R	107			–	1/13/21
8.	PLAN REVISION	R	107			–	3/17/21
9.	REVISION COMMENTS #1	R	107			–	3/29/21
10.	REVISION COMMENTS #2	R,A	108			–	4/29/21
11.	PLAN REVISION	R	108			–	6/30/21

OWNER/DEVELOPER

OWNER: TOWNBRIDGE HOMES, LLC
5511 REYNOLDS ROAD
AUSTIN, TX 78749
TEL: (512) 800-4534
CONTACT: AARON LEVY

DEVELOPER: CASTLEWOOD DEVELOPERS, LLC
5511 REYNOLDS ROAD
AUSTIN, TX 78749
TEL: (512) 800-4534
CONTACT: AARON LEVY

SURVEYOR

HAYNIE CONSULTING, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
1010 PROVIDENT LANE
ROUND ROCK, TEXAS 78664-3276
TEL: (512)837-2446
CONTACT: PATRICK J. YGLESIAS R.P.L.S.

ENGINEER

Kimley»Horn

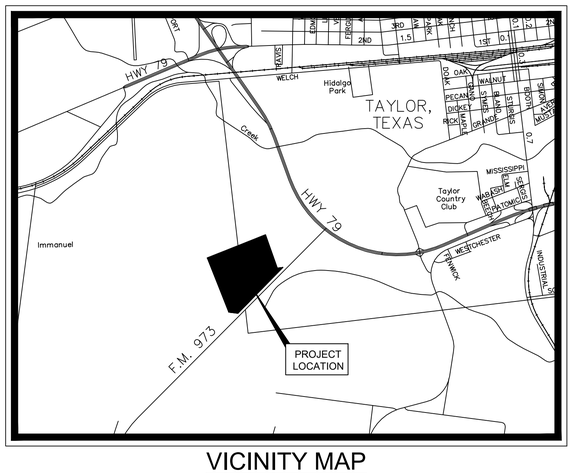
2600 VIA FORTUNA
TERRACE I, SUITE 300
AUSTIN, TEXAS 78746
PH. (512) 646-2241
CONTACT: LUKE W. CARAWAY, P.E.

STATE OF TEXAS
REGISTRATION NO. F-928

811 Know what's below. Call before you dig.

Castlewood Ph 2
Record Drawings

Approved By: Tanner Thrift
Project Manager, DNT Construction, LLC



VICINITY MAP
SCALE: 1" = 2,000'

JANUARY 2020

APPROVED
By Shelly Shelton at 1:30 pm, Aug 17, 2021

FOR DIRECTOR, PLANNING AND DEVELOPMENT REVIEW DEPARTMENT — DATE

TAYLOR WATER UTILITY — DATE

TAYLOR FIRE DEPARTMENT — DATE

LEGAL DESCRIPTION

30.00 ACRES (1,306,846 SQ. FT.) OF LAND, BEING THE REMAINDER OF A CALLED 55 ACRE TRACT DESCRIBED IN VOLUME 1917, PAGE 490 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE GEORGE M. REESE SURVEY, ABSTRACT NO. 533, CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS.

28.30 ACRES (1,232,806 SQ. FT.) OF LAND, BEING THE REMAINDER OF A CALLED 61.68 ACRE TRACT DESCRIBED IN VOLUME 844, PAGE 794 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE GEORGE M. REESE SURVEY, ABSTRACT NO. 533, CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS.

RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.

NO PORTION OF THIS SITE IS LCOATED WITHIN THE 100-YEAR FLOODPLAIN. FIRM PANEL NO. 48491C0541F, TRAVIS COUNTY, TEXAS AND INCORPORATED AREAS (EFFECTIVE DATE DECEMBER 20, 2019).

TXDOT DRAINAGE NOTE

DRAINAGE FOR THIS DEVELOPMENT HAS BEEN DESIGNED SUCH THAT THERE WILL BE NO ADVERSE IMPACTS ON THE CAPACITY, FUNCTION, OR INTEGRITY OF TEXAS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY DRAINAGE FACILITIES.

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

SHEET INDEX

Sheet List Table

Sheet Number	Sheet Title
1	COVER SHEET
2	PRELIMINARY PLAT SHEET 1 OF 3
3	PRELIMINARY PLAT SHEET 2 OF 3
4	PRELIMINARY PLAT SHEET 3 OF 3
5	GENERAL NOTES
6	KIMLEY-HORN GENERAL NOTES
7	EROSION CONTROL PLAN
8	OVERALL PHASE LAYOUT
9	GRADING PLAN (1 OF 5)
10	GRADING PLAN (2 OF 5)
11	GRADING PLAN (3 OF 5)
12	GRADING PLAN (4 OF 5)
13	GRADING PLAN (5 OF 5)
14	CASTLEBRIDGE WAY PLAN & PROFILE
15	BACKWOOD PASS PLAN & PROFILE (1 OF 2)
16	BACKWOOD PASS PLAN & PROFILE (2 OF 2)
17	GATEHOUSE WAY PLAN & PROFILE
18	BRANCHWOOD PATH PLAN & PROFILE (1 OF 2)
19	BRANCHWOOD PATH PLAN & PROFILE (2 OF 2)
20	CHERRY BLOSSOM LANE PLAN & PROFILE (1 OF 2)
21	CHERRY BLOSSOM LANE PLAN & PROFILE (2 OF 2)
22	ELM BRANCH TRAIL PLAN & PROFILE (1 OF 2)
23	ELM BRANCH TRAIL PLAN & PROFILE (2 OF 2)
24	STREAMWOOD TRAIL PLAN & PROFILE (1 OF 2)
25	STREAMWOOD TRAIL PLAN & PROFILE (2 OF 2)
26	ASHER & RED BRANCH RD PLAN & PROFILE
27	ALLEY WAY-1 PLAN & PROFILE
28	ALLEY WAY-2 & 3 PLAN & PROFILE
29	RIGHT TURN LANE - 1
30	RIGHT TURN LANE - 2
31	RIGHT TURN LANE CROSS SECTIONS
32	EXISTING DRAINAGE AREA MAP
33	PROPOSED OVERALL DRAINAGE MAP
34	PROPOSED OVERALL DRAINAGE MAP, COMMERCIAL EXCLUDED
35	PROPOSED DRAINAGE AREA MAP
36	PROPOSED DRAINAGE CALCS
37	OVERALL STORM PLAN
38	STORM PLAN & PROFILE LINE A (1 OF 2)
39	STORM PLAN & PROFILE LINE A (2 OF 2)
40	STORM PLAN & PROFILE LINES A1 - A4
41	STORM PLAN & PROFILE LINES A5 - A8
42	STORM PLAN & PROFILE LINES A9 & A10
43	STORM PLAN & PROFILE LINE B & B1
44	STORM PLAN & PROFILE LINE C (1 OF 2)
45	STORM PLAN & PROFILE LINE C (2 OF 2)
46	STORM PLAN & PROFILE C1 - C4
47	STORM PLAN & PROFILE C5 - C7
48	STORM PLAN & PROFILE LINE D
49	STORM PLAN & PROFILE LINE E (1 OF 2)
50	STORM PLAN & PROFILE LINE E (2 OF 2)
51	STORM PLAN & PROFILE LE1 - LE4
52	STORM PLAN & PROFILE LE5 - LE8
53	STORM PLAN & PROFILE LINE F
54	STORM PLAN & PROFILE F1 - F3
55	STORM PLAN & PROFILE LINE G & H
56	STORM PLAN & PROFILE LINE TXDOT 1 & 2
57	OFFSITE DRAINAGE CHANNEL A (1 OF 3)
58	OFFSITE DRAINAGE CHANNEL A (2 OF 3)
59	OFFSITE DRAINAGE CHANNEL A (3 OF 3)
60	OFFSITE DRAINAGE CHANNEL B (1 OF 5)
61	OFFSITE DRAINAGE CHANNEL B (2 OF 5)
62	OFFSITE DRAINAGE CHANNEL B (3 OF 5)
63	OFFSITE DRAINAGE CHANNEL B (4 OF 5)
64	OFFSITE DRAINAGE CHANNEL B (5 OF 5) & STORM J
65	OVERALL WATER PLAN
66	PHASE 1 WATER PLAN
67	PHASE 2 WATER PLAN
68	PHASE 3 WATER PLAN
69	WATER PLAN & PROFILE LINE-A
70	WATER PLAN & PROFILE LINE-B (1 OF 2)
71	WATER PLAN & PROFILE LINE-B (2 OF 2)
72	OVERALL WASTEWATER PLAN (1 OF 2)
73	OVERALL WASTEWATER PLAN (2 OF 2)
74	WASTEWATER PLAN & PROFILE LINE A (1 OF 6)
75	WASTEWATER PLAN & PROFILE LINE A (2 OF 6)
76	WASTEWATER PLAN & PROFILE LINE A (3 OF 6)
77	WASTEWATER PLAN & PROFILE LINE A (4 OF 6)
78	WASTEWATER PLAN & PROFILE LINE A (5 OF 6)
79	WASTEWATER PLAN & PROFILE LINE A (6 OF 6)
80	WASTEWATER PLAN & PROFILE LINE B (1 OF 2)
81	WASTEWATER PLAN & PROFILE LINE B (2 OF 2)
82	WASTEWATER PLAN & PROFILE LINE C
83	WASTEWATER PLAN & PROFILE LINE D
84	WASTEWATER PLAN & PROFILE LINE E
85	WASTEWATER PLAN & PROFILE LINE F (1 OF 2)
86	WASTEWATER PLAN & PROFILE LINE F (2 OF 2)
87	WASTEWATER PLAN & PROFILE LINE G
88	WASTEWATER PLAN & PROFILE LINE H
89	WASTEWATER PLAN & PROFILE LINE I & L
90	WASTEWATER PLAN & PROFILE LINE J & K
91	DETENTION POND PLAN
92	STREET LIGHT, SIDEWALK, SIGN & STRIPING PLAN
93	EROSION CONTROL DETAILS
94	SIGNAGE DETAILS
95	PAVING DETAILS (1 OF 2)
96	PAVING DETAILS (2 OF 2)
97	FM 973 TYPICAL SECTION
98	STORM DRAIN DETAILS
99	WATER DETAILS (1 OF 2)
100	WATER DETAILS (2 OF 2)
101	WASTEWATER DETAILS
102	POND DETAILS
103	RETAINING WALL - GENERAL NOTES
104	RETAINING WALL & DETAILS (1 OF 2)
105	RETAINING WALL & DETAILS (2 OF 2)
106	TRAFFIC CONTROL DETAILS (1 OF 3)
107	TRAFFIC CONTROL DETAILS (2 OF 3)
108	TRAFFIC CONTROL DETAILS (3 OF 3)

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
08/10/2021

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

COVER SHEET

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
1 OF 108

KHA PROJECT NO. 069278800
CASTLEWOOD SUBDIVISION - PHASES 1, 2, & 3
CIVIL CONSTRUCTION PLANS

Plotted By:Buzzelli, William Date: August 10, 2021 11:00:35am File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Cover Sheet.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

CASTLEWOOD SUBDIVISION PRELIMINARY PLAT

BEING A PRELIMINARY PLAT TO CREATE 242 LOTS, 9 RESERVES AND 19 BLOCKS, CONSISTING OF 58.30 ACRES, CONVEYED BY DEED IN DOC. NO. 2019071361 AND IN DOC. NO. 2019071361 OUT OF THE GEORGE M. REESE SURVEY, ABSTRACT NO. 533, TAYLOR, WILLIAMSON COUNTY, TEXAS

SCALE: 1" = 100'

RIGHT-OF-WAY

10' P.U.E.
10' B.L.
LOT A
45'
LOT B
35'
5' B.L.
LOT A
2.5' P.U.E.
LOT B
20' B.L.
10' P.U.E.
R10'

TWIN-HOME LOT BUILDING SETBACKS (B.L.) & PUBLIC UTILITY EASEMENTS (P.U.E.)
- BLOCK '2' -

RIGHT-OF-WAY

10' P.U.E.
20' B.L.
LOT
5' B.L.
10' B.L.
10' P.U.E.
R10'

SINGLE-FAMILY LOT BUILDING SETBACKS (B.L.) & PUBLIC UTILITY EASEMENTS (P.U.E.)

RIGHT-OF-WAY

7.5' P.U.E.
7.5' B.L.
LOT
LOT
10' B.L.
10' P.U.E.
5' B.L.
ALLEY
R10'

TOWNHOME BUILDING SETBACKS (B.L.) & PUBLIC UTILITY EASEMENTS (P.U.E.)
- BLOCKS '11', '12', '17' & '18' -

BRANCHWOOD PATH

BACKWOOD PASS
BLOCK "12"
BLOCK "18"
LOT LINE
20' WIDE PRIVATE ALLEY & STORMWATER EASEMENT
BLOCK "11"
BLOCK "17"
STREAMWOOD TRAIL
GATEHOUSE WAY

PAVED 20' WIDE PRIVATE ALLEY & STORMWATER EASEMENT DETAIL
SCALE: 1" = 80'

RESERVE 1
LOT 1
N44°29'42"E
30.00'
S10°54'17"E
R=335.00'
L=30.01'
D=5°07'58"
CH=30.00'
B=N66°18'16"W
R.O.W.
DETAIL 'A'
NTS

RESERVE 2
LOT 1
S44°26'59"W
30.00'
N45°33'01"W
30.00'
N21°35'30"W
53.32'
28.65'
S49°37'36"W
R.O.W.
DETAIL 'B'
NTS

CHERRY BLOSSOM LANE
20' PUBLIC ALLEY
BLOCK "13"
BLOCK "19"
10' P.U.E.

BRANCHWOOD PATH

PUBLIC ALLEY, WASTEWATER & STORMWATER EASEMENT DETAIL
SCALE: 1" = 80'

LOT 1
N68°24'30"E
120.00'
RESERVE 2
131.31'
S44°26'59"W
28.65'
R.O.W.
N21°35'30"W
53.32'
LOT 1
DETAIL 'C'
NTS

PHASE 1 EMERGENCY ACCESS NOTE:

AN "ALL-WEATHER" SECONDARY EMERGENCY ACCESS ROAD SHALL BE PROVIDED WITH PHASE 1 OF THIS DEVELOPMENT IN THE LOCATION OF WESLEY MILLER LANE. PHASE 3 OF THIS DEVELOPMENT WILL PROVIDE THE FULL COLLECTOR SECTION OF WESLEY MILLER LANE.

BENCHMARK NOTE
IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

LEGEND

- ■ CONCRETE MONUMENT FOUND
- ◉ 1/2-INCH IRON ROD W/ CAP STAMPED "HAYNIE CONSULTING" FOUND UNLESS OTHERWISE NOTED
- △ CALCULATED POINT
- ( ) RECORD INFORMATION
- FOC FACE OF CURB
- BOC BACK OF CURB
- R.O.W. RIGHT-OF-WAY
- O.P.R.W.C. OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TX
- D.R.W.C. DEED RECORDS OF WILLIAMSON COUNTY, TX
- (1) BLOCK NUMBER
- PUBLIC UTILITY EASEMENT (P.U.E.)
- BUILDING SETBACK LINE (B.L.)
- PHASE LINE

SURVEY NOTES:

1. COORDINATES ARE BASED ON THE TEXAS COORDINATE SYSTEM OF 1983 (CENTRAL ZONE) AS COMPUTED FROM GPS VECTORS AND SCALED TO SURFACE USING AN AVERAGE COMBINED SCALE FACTOR OF 0.99988809. SURFACE DISTANCE = GRID DISTANCE / 0.99988809.

2. ELEVATIONS ARE BASED ON THE ORTHOMETRIC HEIGHT AS COMPUTED FROM GPS VECTORS, (NAVD88, GEOID12B).

FIELD NOTE DESCRIPTION

BEING 58.30 ACRES (2,539,660 SQ. FT.) OF LAND OUT OF THE GEORGE M. REESE SURVEY, ABSTRACT NO. 533, WILLIAMSON COUNTY, TEXAS, AND BEING THE FIRST TRACT, REMAINDER OF A CALLED 61.68 ACRE TRACT CONVEYED TO WESLEY MILLER AND WIFE, BILLIE GENE MILLER IN VOLUME 844, PAGE 794 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS (D.R.W.C.), ALSO BEING A PORTION OF THE REMAINDER OF TRACT ONE, A CALLED 55 ACRE TRACT CONVEYED TO WILLIAM LYNN DAVIS IN VOLUME 1917, PAGE 490, D.R.W.C.; (BEARINGS OF LINES ARE BASED ON THE TEXAS COORDINATE SYSTEM OF 1983 (CENTRAL ZONE) AS COMPUTED FROM GPS VECTORS AND SCALED TO SURFACE USING A COMBINED SCALE FACTOR OF 0.99988809. SURFACE DISTANCE = GRID DISTANCE / 0.99988809. DISTANCES EXPRESSED IN U.S. SURVEY FEET). SAID 58.30 ACRE TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a 1/2 inch iron rod with a cap stamped "BRYAN TECH" found in the northerly right-of-way of FM 973 (200 FT. R.O.W.) at the westernmost corner of Parcel 7, Part 1, (called 1.326 acres), conveyed to the State of Texas in Volume 1772, Page 762, D.R.W.C., being the easternmost corner of Tract 2, (called 69.993 acres), conveyed to Ronald T. Randig in Document No. 2018026037, Official Public Records of Williamson County, Texas (O.P.R.W.C.), for the southernmost corner and **POINT OF BEGINNING** of this tract;

THENCE, N 82°33'41" W, with the common line of said Tract 2, (called 69.993 acres), and this tract, a distance of 257.09 feet to a 1/2" iron rod with cap stamped "HAYNIE CONSULTING" found at a fallen concrete monument for the southwest corner of this tract;

THENCE, N 21°35'30" W, with the common boundary lines of said First Tract, (remainder of 61.68 acres), and with said Tract 2, (called 69.993 acres), passing at a distance of 127.77 feet a destroyed concrete monument found at a northeast corner of said Tract 2, (called 69.993 acres), and at the southeast corner of Tract Two, (remainder of 45 acres), conveyed to William Lynn Davis in Volume 1917, Page 490, D.R.W.C., and passing at a distance of 1119.39 feet a 6 inch steel pipe found at a common westerly corner of said First Tract, (remainder of 61.68 acres), and Tract One, (called 55 acres), conveyed to William Lynn Davis in Volume 1917, Page 490, D.R.W.C, in all a total of 1,634.76 feet to a 1/2" iron rod with cap stamped "HAYNIE CONSULTING" for the northwest corner of this tract;

THENCE, N 68°24'30" E, over and across said Tract One (called 55 acres), a distance of 1756.79 feet to a 1/2" iron rod with cap stamped "HAYNIE CONSULTING" found in the west line of a called 38.979 acre tract conveyed to Prosperity Land Development, LLC in Document No. 2017032750, O.P.R.W.C., being in the east line of said Tract One, (called 55 acres), for the northeast corner of this tract;

THENCE, S 19°10'13" E, with the common boundary line of said Tract One, (called 55 acres), and said 38.979 acre tract, a distance of 985.49 feet to a 1/2" iron rod with cap stamped "HAYNIE CONSULTING" found in the north line of said First Tract (remainder of 61.68 acres), at the southeast corner of said Tract One, (called 55 acres), for an interior ell corner of this tract;

THENCE, N 83°42'33" E, with the common boundary line of said First Tract (remainder of 61.68 acres), and said 38.979 acre tract, a distance of 162.67 feet to a 1/2 inch iron rod with a cap stamped "BRYAN TECH" found in the northerly right-of-way of said FM 973, at the northeast corner of Parcel 7, Part 2, (called 7.158 acres), conveyed to the State of Texas in Volume 1772, Page 762, D.R.W.C., for a southerly corner of said 38.979 acre tract and the easternmost corner of this tract;

THENCE, S 44°26'59" W, with the northerly right-of-way of said FM 973, a distance of 1802.58 feet to the **POINT OF BEGINNING**, and containing a computed area of 58.30 acres (2,539,660 square feet).

REVISION TABLE			
NO.	BY:	DATE:	
1	KS	12/20/2019	ADDRESS REVIEW COMMENTS DATED 11-20-2019
2	KS	01/10/2020	ADDRESS REVIEW COMMENTS DATED 01-10-2020
3	KS	01/27/2020	ADDRESS REVIEW COMMENTS DATED 01-28-2020

HAYNIE CONSULTING, INC.
Civil Engineers and Land Surveyors
1010 Provident Lane
Round Rock, Texas 78664-3276
Ph: 512-837-2446 Fax: 512-837-9463
TBPE FIRM # F-002411, TBPLS FIRM # 100250-00

PZ-2019-1168

SHEET NO. 1 OF 3

DRAWN BY: KS
CHECKED BY: PY, BJ
PROJ. #: 803-18-02

PLOTTED BY: kstocton
PLOT DATE: 1/28/2020 - 10:05am
DRAWING: X:\803-Docs-Harris\803-18-02 Annex Zoning Pre-Plat\Survey Project Folder\Drawings\Preliminary Plat\803-18-02 Preliminary Plat.dwg

CASTLEWOOD SUBDIVISION PRELIMINARY PLAT

BEING A PRELIMINARY PLAT TO CREATE 242 LOTS, 9 RESERVES AND 19 BLOCKS, CONSISTING OF 58.30 ACRES, CONVEYED BY DEED IN DOC. NO. 2019071361 AND IN DOC. NO. 2019071361 OUT OF THE GEORGE M. REESE SURVEY, ABSTRACT NO. 533, TAYLOR, WILLIAMSON COUNTY, TEXAS

BLOCK "5"	
BLOCK	2.0068 AC.
LOT NO.	AREA (SQ. FT.)
1	7778.54
2	7800.00
3	7800.00
4	6500.00
5	6500.00
6	6500.00
7	6500.00
8	6500.00
9	7800.00
10	7800.00
11	7800.00
12	8137.89

BLOCK "2"	
BLOCK	1.9389 AC.
LOT NO.	AREA (SQ. FT.)
1A	4550.00
2A	4550.00
3A	4550.00
4A	4550.00
5A	4550.00
6A	4550.00
7A	4550.00
8A	4550.00
9A	5828.54
1B	5828.54
2B	4550.00
3B	4550.00
4B	4550.00
5B	4550.00
6B	4550.00
7B	4550.00
8B	4550.00
9B	4550.00

BLOCK "12"	
BLOCK	1.0888 AC.
LOT NO.	AREA (SQ. FT.)
1	4357.08
2	2750.00
3	2750.00
4	2750.00
5	2750.00
6	2750.00
7	2750.00
8	2750.00
9	2750.00
10	2750.00
11	2750.00
12	2750.00
13	2750.00
14	2750.00
15	2750.00
16	4842.70

BLOCK "6"	
BLOCK	1.2540 AC.
LOT NO.	AREA (SQ. FT.)
1	8157.32
2	6500.00
3	6500.00
4	6500.00
5	6500.00
6	6500.00
7	5850.00
8	8117.81

BLOCK "13"	
BLOCK	2.5325 AC.
LOT NO.	AREA (SQ. FT.)
1	7178.54
2	6000.00
3	5400.00
4	6000.00
5	5400.00
6	6000.00
7	6000.00
8	6000.00
9	7178.54
10	7178.54
11	6000.00
12	6000.00
13	6000.00
14	5400.00
15	6000.00
16	5400.00
17	6000.00
18	7178.54

BLOCK "18"	
BLOCK	1.0888 AC.
LOT NO.	AREA (SQ. FT.)
1	4842.70
2	2750.00
3	2750.00
4	2750.00
5	2750.00
6	2750.00
7	2750.00
8	2750.00
9	2750.00
10	2750.00
11	2750.00
12	2750.00
13	2750.00
14	2750.00
15	2750.00
16	4357.08

BLOCK "15"	
BLOCK	2.2725 AC.
LOT NO.	AREA (SQ. FT.)
1	7178.54
2	6000.00
3	7200.00
4	7200.00
5	7200.00
6	6928.43
7	8089.72
8	7485.03
9	6928.43
10	7200.00
11	7200.00
12	7200.00
13	6000.00
14	7178.54

BLOCK "19"	
BLOCK	2.2570 AC.
LOT NO.	AREA (SQ. FT.)
1	6278.54
2	5400.00
3	5400.00
4	5400.00
5	6278.54

BLOCK "11"	
BLOCK	1.0888 AC.
LOT NO.	AREA (SQ. FT.)
1	4357.08
2	2750.00
3	2750.00
4	2750.00
5	2750.00
6	2750.00
7	2750.00
8	2750.00
9	2750.00
10	2750.00
11	2750.00
12	2750.00
13	2750.00
14	2750.00
15	2750.00
16	4842.70

BLOCK "16"	
BLOCK	2.2049 AC.
LOT NO.	AREA (SQ. FT.)
1	7200.00
2	6000.00
3	7200.00
4	6000.00
5	8746.59
6	8141.90
7	6000.00
8	7200.00
9	6000.00
10	7200.00
11	5753.54
12	4950.00
13	4950.00
14	4950.00
15	5753.54

BLOCK "14"	
BLOCK	4.9016 AC.
LOT NO.	AREA (SQ. FT.)
1	7178.54
2	6000.00
3	6000.00
4	6000.00
5	6000.00
6	6000.00
7	6000.00
8	7200.00
9	6000.00
10	6000.00
11	6000.00
12	6000.00
13	6000.00
14	7200.00
15	6000.00
16	6000.00
17	7178.54
18	7178.54
19	6000.00
20	6000.00
21	7200.00
22	6000.00
23	6000.00
24	6000.00
25	6000.00
26	6000.00
27	7200.00
28	6000.00
29	6000.00
30	6000.00
31	6000.00
32	6000.00
33	6000.00
34	7178.54

BLOCK "7"	
BLOCK	6.8568 AC.
LOT NO.	AREA (SQ. FT.)
1	7200.00
2	7200.00
3	7178.54
4	6000.00
5	6000.00
6	6000.00
7	6000.00
8	7200.00
9	7304.05
10	7836.29
11	7836.29
12	7836.29
13	7816.85

BLOCK "3"	
BLOCK	1.6558 AC.
LOT NO.	AREA (SQ. FT.)
1	7778.54
2	5850.00
3	5850.00
4	5850.00
5	6500.00
6	6500.00
7	6500.00
8	6500.00
9	6500.00
10	6500.00
11	7800.00

BLOCK "17"	
BLOCK	1.0888 AC.
LOT NO.	AREA (SQ. FT.)
1	4842.70
2	2750.00
3	2750.00
4	2750.00
5	2750.00
6	2750.00
7	2750.00
8	2750.00
9	2750.00
10	2750.00
11	2750.00
12	2750.00
13	2750.00
14	2750.00
15	2750.00
16	4357.08

BLOCK "10"	
BLOCK	3.4025 AC.
LOT NO.	AREA (SQ. FT.)
1	10907.10
2	7956.26
3	6021.58
4	10157.33
5	6578.54
6	5400.00
7	5400.00
8	5400.00
9	5400.00
10	5400.00
11	5400.00
12	5400.00
13	5400.00
14	5400.00
15	6600.00

BLOCK "4"	
BLOCK	1.9090 AC.
LOT NO.	AREA (SQ. FT.)
1	7778.54
2	6500.00
3	6500.00
4	6500.00
5	6500.00
6	7800.00
7	7800.00
8	6500.00
9	6500.00
10	6500.00
11	6500.00
12	7778.54

COMMERCIAL LOTS	
LOT NO./BLOCK	AREA (ACRES)
1 / BLOCK 1	3.4641
1 / BLOCK 9	4.4456
1 / BLOCK 8	1.3117

RESERVE PARKS & DETENTION	
RESERVE/BLOCK	AREA (ACRES)
3 / BLOCK 19	1.5968 PARK
1 / BLOCK 10	1.1797 PARK
14 / BLOCK 7	3.3732 DETENTION

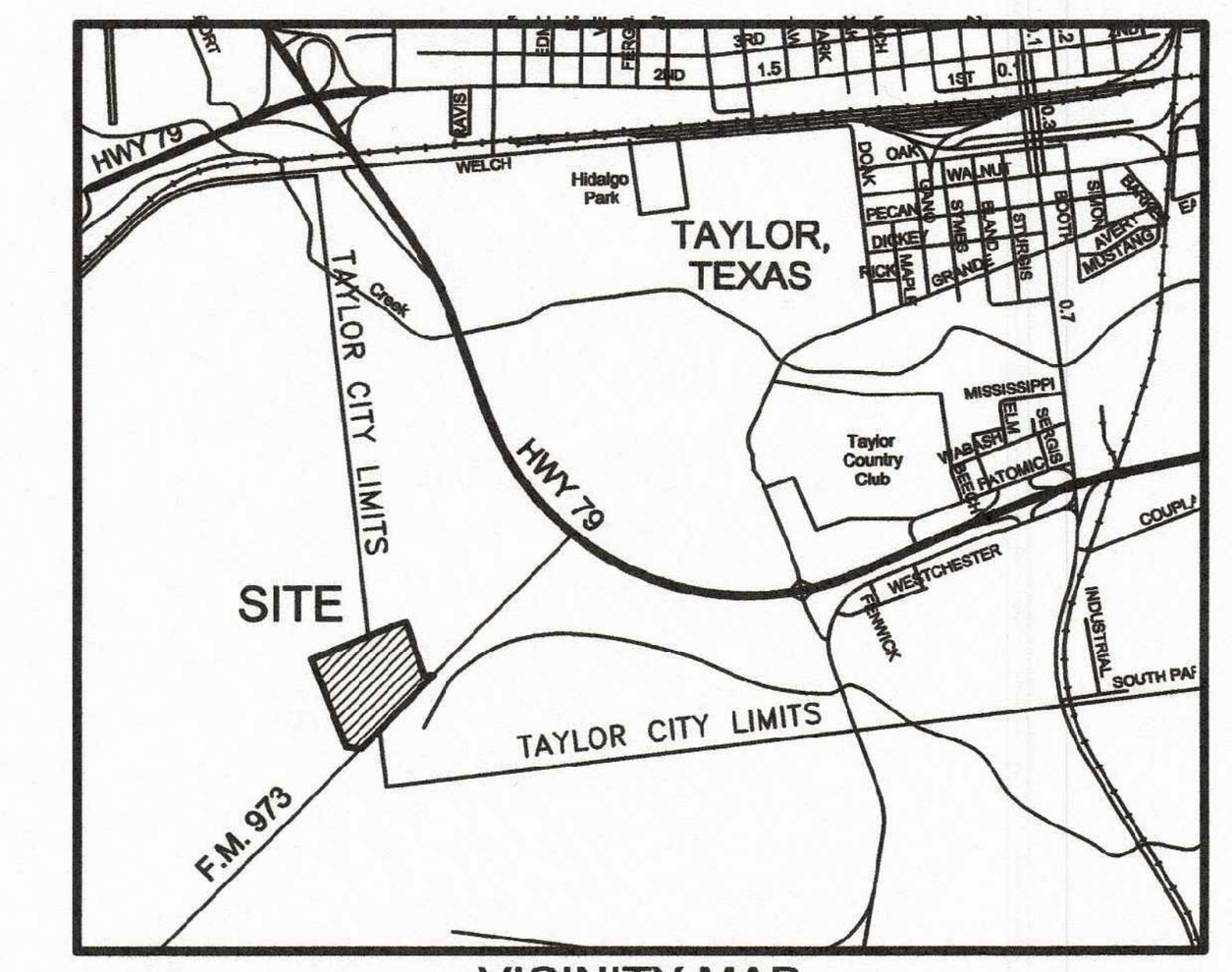
RESERVE DRAINAGE PARCELS	
RESERVE/BLOCK	AREA (SQ. FT.)
4 / BLOCK 2	9750.00
5 / BLOCK 3	10500.00
6 / BLOCK 4	9600.00
7 / BLOCK 5	10137.22
8 / BLOCK 6	8695.12
9 / BLOCK 7	3603.22

PRIVATE ALLEY & EASEMENT	
ALLEY	AREA (SQ. FT.)
ALLEY	47,699.78

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C2	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C3	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C4	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C5	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C6	15.71'	10.00'	90.00	N66° 35' 30"W	14.14'
C7	15.29'	10.00'	87.58	N24° 37' 09"E	13.84'
C8	16.13'	10.00'	92.42	N65° 22' 51"W	14.44'
C9	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C10	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C11	15.71'	10.00'	90.00	N66° 35' 30"W	14.14'
C12	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C13	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C14	15.71'	10.00'	90.00	N66° 35' 30"W	14.14'
C15	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C16	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C17	15.29'	10.00'	87.58	N24° 37' 09"E	13.84'
C18	16.13'	10.00'	92.42	S65° 22' 51"E	14.44'
C19	16.13'	10.00'	92.42	N65° 22' 51"W	14.44'
C20	15.29'	10.00'	87.58	N24° 37' 09"E	13.84'

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C21	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C22	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C23	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C24	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C25	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C26	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C27	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C28	15.29'	10.00'	87.58	N24° 37' 09"E	13.84'
C29	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C30	15.71'	10.00'	90.00	N66° 35' 30"W	14.14'
C31	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C32	15.71'	10.00'	90.00	N66° 35' 30"W	14.14'
C33	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C34	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C35	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C36	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C37	31.42'	20.00'	90.00	N23° 24' 30"E	28.28'
C38	31.42'	20.00'	90.00	S66° 35' 30"E	28.28'
C39	31.42'	20.00'	90.00	N66° 35' 30"W	28.28'
C40	31.42'	20.00'	90.00	S23° 24' 30"W	28.28'

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C41	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C42	15.71'	10.00'	90.00	S66° 35' 30"E	14.14'
C43	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C44	15.71'	10.00'	90.00	N66° 35' 30"W	14.14'
C45	15.71'	10.00'	90.00	N23° 24' 30"E	14.14'
C46	15.71'	10.00'	90.00	N66° 35' 30"W	14.14'
C47	114.99'	275.00'	23.96	S33° 34' 15"E	114.16'
C48	135.90'	325.00'	23.96	N33° 34' 15"W	134.91'
C49	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C50	15.71'	10.00'	90.00	S23° 24' 30"W	14.14'
C51	15.13'	10.00'	86.67	S64° 55' 35"E	13.73'
C53	305.45'	265.00'	66.04	N78° 34' 15"W	288.82'
C54	85.76'	335.00'	14.67	N79° 04' 21"E	85.52'
C55	43.45'	335.00'	7.43	S89° 52' 41"E	43.42'
C56	44.46'	335.00'	7.60	S82° 21' 35"E	44.43'
C57	44.46'	335.00'	7.60	S74° 45' 19"E	44.43'
C58	12.17'	335.00'	2.08	S69° 54' 43"E	12.17'
C59	136.35'	335.00'	23.32	S57° 12' 38"E	135.41'
C60	366.66'	335.00'	62.71	S76° 54' 20"E	348.63'



VICINITY MAP
NOT TO SCALE

SUBMITTAL DATE: OCTOBER, 2019

ADDRESS: 530 F.M. 973
TAYLOR, TEXAS 76574

OWNER/DEVELOPER:

TOWNBRIDGE HOMES, LLC
5511 REYNOLDS RD.
AUSTIN, TEXAS 78749
PHONE: (512) 800-4534
EMAIL: aaron@townbridgehomes.com

ENGINEER/SURVEYOR:

HAYNIE CONSULTING, INC.
1010 PROVIDENT LANE
ROUND ROCK, TEXAS 78664
PHONE: (512) 837-2446
FAX: (512) 837-9463
thaynie@haynieconsulting.com

SUMMARY:

SURVEY: GEORGE M. REESE SURVEY, ABS. 533
TOTAL ACRES: 58.30 ACRES
TOTAL NUMBER OF LOTS:
- SINGLE FAMILY RESIDENTIAL = 157
- TOWNHOME RESIDENTIAL = 64
- TWIN-HOME RESIDENTIAL = 18
- COMMERCIAL = 3
- PARKS (RESERVE) = 2
- DETENTION (RESERVE) = 1
- DRAINAGE (RESERVE) = 6

NUMBER OF BLOCKS: 19
AREA OF SMALLEST LOT: TOWNHOME = 2625.00 SQ. FT.,
RESIDENTIAL = 4550.00 SQ. FT.

PROPOSED USE:
- SINGLE FAMILY RESIDENTIAL
- COMMERCIAL

DEDICATED RIGHT-OF-WAY: 512,732 S.F. / 11.771 ACRES

STREET LENGTH AND DESIGN SPEEDS:
STREAMWOOD TRAIL - 1,180 LF (Residential)
WESLEY MILLER LANE - 688 LF (Collector)
BACKWOOD PASS - 1,305 LF (Residential)
GATEHOUSE WAY - 940 LF (Residential)
BRANCHWOOD PATH - 1,384 LF (Residential)
PEBBLESTREAM PASS - 751 LF (Residential)
ASHER WAY - 170 LF (Residential)
CHERRY BLOSSOM LANE - 1,552 LF (Residential)
ELM BRANCH TRAIL - 1,409 LF (Residential)
RED BRANCH ROAD - 170 LF (Residential)

GENERAL NOTES:

1. UTILITY PROVIDERS - WATER: THE CITY OF TAYLOR. WASTEWATER: THE CITY OF TAYLOR. ELECTRICITY: ONCOR
2. ALL STRUCTURES AND/OR OBSTRUCTIONS, INCLUDING FENCES, ARE PROHIBITED IN DRAINAGE AREAS/RESERVES.
3. THERE ARE NO AREAS WITHIN THE BOUNDARIES OF THIS SUBDIVISION IN THE 100-YEAR FLOODPLAIN AS DEFINED BY FIRM MAP NUMBER 48491C0545E, EFFECTIVE DATE OF SEPTEMBER 26 , 2008.
4. ALL MINIMUM YARD (BUILDING) SETBACKS SHALL BE IN ACCORDANCE WITH THE APPROVED PLANNED DEVELOPMENT AGREEMENT WITH THE CITY OF TAYLOR.
5. PARKLAND DEDICATION REQUIREMENTS ARE MET BY THE DEDICATION OF BLOCK '19', RESERVE 3 AND BLOCK '10', RESERVE 1.
6. MINIMUM FIRE FLOW OF 500 GALLONS PER MINUTE FOR NOT LESS THAN TWO (2) HOURS SHALL BE PROVIDED.
7. MAX. IMPERVIOUS COVER PER LOT: PER APPROVED PLANNED DEVELOPMENT AGREEMENT WITH THE CITY OF TAYLOR.
8. ALL RESERVE LOTS SHALL BE OWNED AND MAINTAINED BY THE PROPERTY/HOMEOWNERS ASSOCIATION, NOT THE CITY OF TAYLOR.
9. TOWNHOME ALLEYS ARE PRIVATE AND MAINTAINED BY THE TOWNHOME PROPERTY OWNERS ASSOCIATION, OR OTHER PRIVATE ENTITY, AND NOT THE CITY OF TAYLOR.
10. THIS SUBDIVISION IS SUBJECT TO RESIDENTIAL PLANNED DEVELOPMENT ORDINANCE NO. 2019-27.

REVISION TABLE			
NO.	BY:	DATE:	
1	KS	12/20/2019	ADDRESS REVIEW COMMENTS DATED 11-20-2019
2	KS	01/10/2020	ADDRESS REVIEW COMMENTS DATED 01-10-2020
3	KS	01/27/2020	ADDRESS REVIEW COMMENTS DATED 01-28-2020

PZ-2019-1168

HAYNIE CONSULTING, INC.
Civil Engineers and Land Surveyors
1010 Provident Lane
Round Rock, Texas 78664-3276
Ph: 512-837-2446 Fax: 512-837-9463
TBPE FIRM # F-002411, TBPLS FIRM # 100250-00

SHEET NO.
2 OF 3

DRAWN BY: KS
CHECKED BY: PY, BJ
PROJ. #: 803-18-02

PLOTTED BY: kstockton
PLOT TIME: Feb 03, 2020 - 10:06am
DRAWING: X:\803 Doug Harris\803-18-02 Annex Zoning Pre-Plat\Survey Project Folder\Drawings\Preliminary Plat\803-18-02 Preliminary Plat.dwg

CASTLEWOOD SUBDIVISION PRELIMINARY PLAT

BEING A PRELIMINARY PLAT TO CREATE 242 LOTS, 9 RESERVES AND 19 BLOCKS, CONSISTING OF 58.30 ACRES, CONVEYED BY DEED IN DOC. NO. 2019071361 AND IN DOC. NO. 2019071361 OUT OF THE GEORGE M. REESE SURVEY, ABSTRACT NO. 533, TAYLOR, WILLIAMSON COUNTY, TEXAS

OWNER

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF _____ {

I, AARON LEVY, PRESIDENT OF TOWNBRIDGE HOMES, LLC, SOLE OWNER OF THAT CERTAIN 58.30 ACRE TRACT OF LAND SHOWN HEREON AND DESCRIBED IN DEEDS RECORDED IN DOCUMENT NO. 2019071348 AND DOCUMENT NO. 2019071361, BOTH OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, AND DO HEREBY STATE THAT THERE ARE LIEN HOLDERS ON THAT CERTAIN TRACT OF LAND, AND DO HEREBY SUBDIVIDE SAID TRACT AS SHOWN HEREON, AND DO HEREBY CONSENT TO ALL PLAT NOTE REQUIREMENTS SHOWN HEREON, AND DO HEREBY DEDICATE TO THE CITY OF TAYLOR THE STREETS, ALLEYS, RIGHTS-OF-WAY, EASEMENTS AND PUBLIC PLACES SHOWN HEREON FOR SUCH PUBLIC PURPOSES AS THE CITY OF TAYLOR MAY DEEM APPROPRIATE. THIS SUBDIVISION IS TO BE KNOWN AS "**CASTLEWOOD SUBDIVISION**".
TO CERTIFY WHICH, WITNESS BY MY HAND THIS _____ DAY OF _____, 20___.

_____
AARON LEVY, PRESIDENT
TOWNBRIDGE HOMES, LLC
5511 REYNOLDS RD.
AUSTIN, TEXAS 78749

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF _____ {

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, ON THIS DAY PERSONALLY APEARED AARON LEVY, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____ 20___.

_____
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES ON: _____

LIENHOLDER

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF _____ {

I, _____, _____ OF FROST BANK, LIENHOLDER OF THAT CERTAIN 58.30 ACRE TRACT OF LAND SHOWN HEREON AND DESCRIBED IN A DEED OF TRUST RECORDED IN DOCUMENT NO. 2019071349 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, DO HEREBY CONSENT TO THE SUBDIVISION OF SAID TRACT AS SHOWN HEREON, AND DO FURTHER HEREBY JOIN, APPROVE, AND CONSENT TO ALL PLAT NOTE REQUIREMENTS SHOWN HEREON, AND DO HEREBY DEDICATE TO THE CITY OF TAYLOR THE STREETS, ALLEYS, RIGHTS-OF-WAY, EASEMENTS AND PUBLIC PLACES SHOWN HEREON FOR SUCH PUBLIC PURPOSES AS THE CITY OF TAYLOR MAY DEEM APPROPRIATE. THIS SUBDIVISION IS TO BE KNOWN AS "**CASTLEWOOD SUBDIVISION**".

TO CERTIFY WHICH, WITNESS BY MY HAND THIS _____ DAY OF _____ 20___.

_____
(LIENHOLDER'S SIGNATURE)
FROST BANK
P.O. BOX 1600
SAN ANTONIO, TEXAS 78296

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF _____ {

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 20___.

_____
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES ON: _____

FLOODPLAIN ADMINISTRATOR

STATE OF TEXAS §
COUNTY OF WILLIAMSON § KNOW ALL MEN BY THESE PRESENTS

BASED UPON THE REPRESENTATIONS OF THE ENGINEER OR SURVEYOR WHOSE SEAL IS AFFIXED HERETO, AND AFTER A REVIEW OF THE PLAT AS REPRESENTED BY THE SAID ENGINEER OR SURVEYOR, I FIND THAT THIS PLAT COMPLIES WITH THE WILLIAMSON COUNTY FLOODPLAIN REGULATIONS. THIS CERTIFICATION IS MADE SOLELY UPON SUCH REPRESENTATIONS AND SHOULD NOT BE RELIED UPON FOR VERIFICATIONS OF THE FACTS ALLEGED. WILLIAMSON COUNTY DISCLAIMS ANY RESPONSIBILITY TO ANY MEMBER OF THE PUBLIC FOR INDEPENDENT VERIFICATION OF THE REPRESENTATIONS, FACTUAL OR OTHERWISE, CONTAINED IN THIS PLAT AND THE DOCUMENTS ASSOCIATED WITHIN IT.

_____ _____
J. TERRON EVERTSON, P.E., D.R., C.F.M. DATE
WILLIAMSON COUNTY FLOODPLAIN ADMINISTRATOR

SURVEYOR'S CERTIFICATION

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF WILLIAMSON {

I, PATRICK J. YGLESIAS, REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECTLY MADE FROM AN ACTUAL SURVEY MADE ON THE GROUND OF THE PROPERTY LEGALLY DESCRIBED HEREON, AND THAT THERE ARE NO APPARENT DISCREPANCIES, CONFLICTS, OVERLAPPING OF IMPROVEMENTS, VISIBLE UTILITY LINES OR ROADS IN PLACE, EXCEPT AS SHOWN ON THE ACCOMPANYING PLAT, AND THAT THE CORNER MONUMENTS SHOWN THEREON WERE PROPERLY PLACED UNDER MY SUPERVISION IN ACCORDANCE WITH THE SUBDIVISION REGULATIONS OF THE CITY OF TAYLOR, TEXAS.

TO CERTIFY WHICH, WITNESS MY HAND AND SEAL AT ROUND ROCK, WILLIAMSON COUNTY, TEXAS, THIS 10TH DAY OF JANUARY, 2020.

_____
PATRICK J. YGLESIAS
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5813
STATE OF TEXAS
HAYNIE CONSULTING, INC.
FIRM REGISTRATION NO. 100250-00

STATE OF TEXAS · REGISTERED · PATRICK J. YGLESIAS · NO. 5813 · PROFESSIONAL · LAND SURVEYOR

ENGINEER'S CERTIFICATION

I, TIM HAYNIE, REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THIS SUBDIVISION IS NOT ENCROACHED BY A ZONE A FLOOD AREA, AS DENOTED HEREIN, AND AS DEFINED BY FEDERAL EMERGENCY MANAGEMENT ADMINISTRATION FLOOD HAZARD BOUNDARY MAP, COMMUNITY PANEL NUMBER 48491C0545E, EFFECTIVE DATE SEPTEMBER 26, 2008, AND THAT EACH LOT CONFORMS TO THE CITY OF TAYLOR REGULATIONS. THE FULLY DEVELOPED, CONCENTRATED STORMWATER RUNOFF RESULTING FROM THE ONE HUNDRED (100) YEAR FREQUENCY STORM IS CONTAINED WITHIN THE DRAINAGE EASEMENTS SHOWN AND/OR PUBLIC RIGHTS-OF-WAY DEDICATED BY THIS PLAT.

TO CERTIFY WHICH, WITNESS MY HAND AND SEAL AT ROUND ROCK, WILLIAMSON COUNTY, TEXAS, THIS 10TH DAY OF JANUARY, 2020.

_____
TIM HAYNIE
REGISTERED PROFESSIONAL ENGINEER NO. 91819
STATE OF TEXAS
HAYNIE CONSULTING, INC.
FIRM REGISTRATION NO. 100250-00

STATE OF TEXAS · TIM HAYNIE · 91819 · LICENSED · PROFESSIONAL · ENGINEER

PLANNING & ZONING COMMISSION

A PRELIMINARY PLAT FOR A SUBDIVISION TO BE KNOWN AS "CASTLEWOOD" HAS BEEN APPROVED ACCORDING TO THE MINUTES OF THE MEETING OF THE TAYLOR PLANNING AND ZONING COMMISSION ON THE 11th DAY OF February, 2020, A.D.

_____ CHAIRMAN — 2/11/2020 DATE
_____ SECRETARY — 2/11/2020 DATE

WILLIAMSON COUNTY CLERK

STATE OF TEXAS
COUNTY OF WILLIAMSON § KNOW ALL MEN BY THESE PRESENTS

I, NANCY E. RISTER, CLERK OF THE COUNTY COURT OF SAID COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING, WITH ITS CERTIFICATE OF AUTHENTICATION, WAS FILED FOR RECORD IN MY OFFICE ON THE _____ DAY OF _____, 20____ A.D., AT _____ O'CLOCK ____M., AND DULY RECORDED THIS THE _____ DAY OF _____, 20____ A.D., AT _____ O'CLOCK ___M., IN THE OFFICIAL PUBLIC RECORDS OF SAID COUNTY IN INSTRUMENT NO. _____.
TO CERTIFY WHICH, WITNESS MY HAND AND SEAL AT THE COUNTY COURT OF SAID COUNTY, AT MY OFFICE IN GEORGETOWN, TEXAS, THE DATE LAST SHOWN ABOVE WRITTEN.

NANCY E. RISTER, CLERK COUNTY COURT
OF WILLIAMSON COUNTY, TEXAS

BY: _____, DEPUTY

REVISION TABLE			
NO.	BY:	DATE:	
1	KS	12/20/2019	ADDRESS REVIEW COMMENTS DATED 11-20-2019
2	KS	01/10/2020	ADDRESS REVIEW COMMENTS DATED 01-10-2020
3	KS	01/27/2020	ADDRESS REVIEW COMMENTS DATED 01-28-2020

PZ-2019-1168

HAYNIE CONSULTING, INC.
Civil Engineers and Land Surveyors
1010 Provident Lane
Round Rock, Texas 78664-3276
Ph: 512-837-2446 Fax: 512-837-9463
TBPE FIRM # F-002411, TBPLS FIRM # 100250-00

SHEET NO.
3 OF 3

DRAWN BY: KS
CHECKED BY: PY, BJ
PROJ. #: 803-18-02

PLOTTED BY: kelvalton
PLOT TIME: Feb 03, 2020 - 10:07am
DWGNAME: N:\803\Dwg Files\803-02 Annex Zoning Pre-Plat\Survey Project Folder\Drawings\Preliminary Plat\803-18-02 Preliminary Plat.dwg

CITY OF TAYLOR GENERAL CONSTRUCTION NOTES

OVERALL:

1. GENERAL CONTRACTOR SHALL CALL FOR ALL UTILITY LOCATES PRIOR TO ANY CONSTRUCTION. WATER & WASTEWATER OWNED BY THE CITY OF TAYLOR CAN BE LOCATED BY CALLING THE UTILITY DEPARTMENT 512-352-3251. ALLOW THREE BUSINESS DAYS FOR UTILITY LOCATES BY THE CITY OF TAYLOR.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST CITY OF TAYLOR ENGINEERING MANUAL.
3. THE CONTRACTOR SHALL GIVE THE CITY A MINIMUM OF 48 HOURS NOTICE BEFORE BEGINNING EACH PHASE OF CONSTRUCTION. THE PHASES OF CONSTRUCTION ARE AS FOLLOWS:
4. PRIOR TO CITY ACCEPTANCE OF ALL IMPROVEMENTS, ALL GRADED AND DISTURBED AREAS ARE TO BE RE-VEGETATED IN ACCORDANCE WITH THE CITY OF AUSTIN SPECIFICATION ITEM #604 UNLESS ANOTHER RE-VEGETATION SPECIFICATION IS SPECIFICALLY IDENTIFIED IN THE PLANS AND/OR BID FORM. WHEN APPROPRIATE IN THE OPINION OF THE PUBLIC WORKS DEPARTMENT, THE CITY OF TAYLOR MAY REQUIRE NATIVE GRASSES TO BE USED
5. THE CONTRACTOR SHALL PROVIDE THE CITY OF TAYLOR COPIES OF ALL TEST RESULTS PRIOR TO ACCEPTANCE OF THIS PROJECT.
6. CITY, OWNER, ENGINEER, CONTRACTOR, REPRESENTATIVES OF ALL UTILITY COMPANIES, AND A REPRESENTATIVE FROM THE TESTING LAB SHALL ATTEND PRE-CONSTRUCTION CONFERENCE PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE THE MEETING WITH THE CITY OF TAYLOR ENGINEERING DEPARTMENT 48 HOURS PRIOR TO THIS PRE-CONSTRUCTION MEETING (512-352-3633).
7. EXCESS SOIL SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE. NOTIFY THE CITY OF TAYLOR FOR APPROVAL IF THE DISPOSAL SITE IS INSIDE THE CITY'S JURISDICTIONAL BOUNDARIES.
8. BURNING IS PROHIBITED. NO BLASTING IS ALLOWED.
9. ANY CHANGES OR REVISIONS TO THESE PLANS MUST FIRST BE SUBMITTED TO THE CITY BY THE DESIGN ENGINEER FOR REVIEW AND WRITTEN APPROVAL.
10. THE CONTRACTOR WILL REIMBURSE THE CITY FOR ALL COST INCURRED AS A RESULT OF ANY DAMAGE TO ANY CITY UTILITY BY THE CONTRACTOR, REGARDLESS OF THESE PLANS.
11. PRIOR TO CITY ACCEPTANCE OF THIS PROJECT, AN ENGINEER'S CONCURRENCE LETTER AND 22"X34" RECORD DRAWINGS (ONE MYLAR COPY, ONE BLUE-LINE OR XEROX, AND A DIGITAL COPY ON A CD ROM) SHALL BE SUBMITTED TO THE ENGINEERING DEPARTMENT. THE CONSULTING ENGINEER AND CONTRACTOR SHALL VERIFY THAT ALL FINAL REVISIONS AND CHANGES HAVE BEEN MADE TO THE MYLAR, BLUE-LINE, AND DIGITAL COPY PRIOR TO CITY SUBMITTAL. RECORD CONSTRUCTION DRAWINGS SHALL BE PROVIDED TO THE CITY IN DIGITAL FORMAT AS AUTOCAD ".DWG" FILES, OR ESRI ".SHP" FILES ON CD LINE WEIGHTS, LINE TYPES AND TEXT SIZE SHALL BE SUCH THAT IF HALF-SIZE PRINTS (11"X 17") WERE PRODUCED, THE PLANS WOULD STILL BE LEGIBLE. ALL REQUIRED DIGITAL FILES SHALL CONTAIN A MINIMUM OF TWO (2) CONTROL POINTS REFERENCED TO THE STATE PLANE GRID COORDINATE SYSTEM - TEXAS CENTRAL ZONE (4203), IN US FEET AND SHALL INCLUDE ROTATION INFORMATION AND SCALE FACTOR REQUIRED TO REDUCE SURFACE COORDINATES TO GRID COORDINATES IN US FEET. HALF-SIZE PLANS MAY ALSO BE REQUIRED (SEE CONTRACT).
12. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF TAYLOR MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.
13. A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO ANY PARTIAL OR COMPLETE ROADWAY CLOSURES.
14. THE CONTRACTOR SHALL KEEP THE SITE CLEAN AND MAINTAINED AT ALL TIMES, TO THE SATISFACTION OF THE CITY. THIS PROJECT WILL NOT BE ACCEPTED UNTIL THE SITE HAS BEEN CLEANED AND RE-VEGETATED TO THE SATISFACTION OF THE CITY.
15. SIGNS ARE NOT PERMITTED IN PUBLIC UTILITY EASEMENTS OR DRAINAGE EASEMENTS.
16. INSPECT TEMPORARY EROSION CONTROLS ON A DAILY BASIS. ADJUST THE CONTROLS AND/OR REMOVE ANY SEDIMENT BUILDUP AS NECESSARY.
17. CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING ROADS AND DRIVES ADJACENT TO AND NEAR THE SITE FREE FROM SOIL, SEDIMENT AND DEBRIS. CONTRACTOR WILL NOT REMOVE SOIL, SEDIMENT OR DEBRIS FROM ANY AREA OR VEHICLE BY MEANS OF WATER, ONLY SHOVELING AND SWEEPING WILL BE ALLOWED. CONTRACTOR WILL BE RESPONSIBLE FOR DUST CONTROL FROM THE SITE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO PRIVATE PROPERTY, WHICH OCCURRED AS A RESULT OF ANY PORTION OF THIS PROJECT. ANY DAMAGE TO PRIVATE PROPERTY SHALL BE REPAIRED TO EQUAL OR BETTER CONDITION. THE CONTRACTOR SHALL COORDINATE ALL REPAIRS TO PRIVATE PROPERTY WITH THE PROPERTY OWNER. CONTRACTOR SHALL PAY AND/OR SETTLE WITH PRIVATE PROPERTY OWNER FOR ALL COSTS RELATED TO ANY THE CITY WILL NOT PROVIDE SEPARATE PAY FOR REPAIR OF ANY DAMAGES, REIMBURSEMENTS OR SETTLEMENTS.
19. CONTRACTOR SHALL PROVIDE THE SERVICES OF THE CITY'S APPROVED SCADA CONSULTANT AND CONTROLS INSTRUMENTATION CONSULTANT. (WHEN APPLICABLE TO SCADA) THE COST OF THE CONSULTANT AND/OR ANY EQUIPMENT SHALL BE SUBSIDIARY TO THE COST OF THE PROJECT (NO SEPARATE PAY) UNLESS SPECIFICALLY IDENTIFIED ON THE BID FORM.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL UTILITY RELOCATIONS, INCLUDING BUT NOT LIMITED TO: ONCOR ELECTRIC, ATMOS GAS, AT&T TELEPHONE, UNITED STATED POST OFFICE, TIME WARNER CABLE TELEVISION, CITY OF TAYLOR WATER & WASTEWATER. CONTRACTOR SHALL CALL 800-DIG-TESS AND MAINTAIN ALL CONFIRMATION NUMBERS.
21. IF TELEPHONE SERVICE IS REQUIRED BY THIS PROJECT, THE CONTRACTOR SHALL COORDINATE WITH PHONE COMPANY TO PROVIDE/EXTEND/RE-LOCATE THE SERVICE. NO SEPARATE PAY WILL BE PROVIDED AND THE CITY SHALL NOT BE RESPONSIBLE FOR SCHEDULING OR COORDINATING WITH PHONE COMPANY.
22. ELECTRIC AND/OR TELEPHONE POLES THAT NEED TO BE RE-LOCATED FOR THIS PROJECT WILL BE AT THE EXPENSE OF THE CONTRACTOR. THE CITY OF TAYLOR WILL NOT PROVIDE SEPARATE PAY FOR POLE RE-LOCATION AND THE COST OF THE RELOCATION IS CONSIDERED SUBSIDIARY TO THE PROJECT BID. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING POLES THAT MAY CONFLICT WITH THESE PLANS AND MAKING ARRANGEMENTS TO RESOLVE THE CONFLICT WITH THE APPROPRIATE UTILITY. IF ELECTRIC, TELEPHONE, OR CATV SERVICE WILL BE INTERRUPTED AS A RESULT OF THE RE-LOCATION; THE CITY SHALL APPROVE THE MAXIMUM ALLOWABLE TIME THE SERVICE WILL BE INTERRUPTED.
23. THE CONTRACTOR SHALL MAKE APPLICATIONS TO THE ELECTRIC COMPANY FOR ELECTRIC SERVICE IF NEW SERVICE IS REQUIRED. THE CITY WILL ASSUME THE SERVICE UPON ACCEPTANCE OF THE PROJECT (IF REQUIRED). THE CONTRACTOR WILL PAY FOR ELECTRIC POWER UNTIL THE METER IS TRANSFERRED TO THE CITY OF TAYLOR. IMPACT FEES AND APPLICATION FEES REQUIRED BY THE ELECTRIC COMPANY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS SPECIFICALLY IDENTIFIED IN THE CONTRACT.
24. THE CONTRACTOR SHALL PROVIDE COMBINATION LOCKS FOR ALL GATES, HATCHES, VAULTS, AND MCC BOXES. EACH LOCK SHALL BE PRE-APPROVED AND SET TO THE CITY'S REQUIREMENTS. (NO SEPARATE PAY)
25. ALL WORK ON THESE PLANS SHALL BE PERFORMED. PAY FOR WORK SHOWN ON THESE PLANS, WHICH ARE NOT IDENTIFIED IN THE CONTRACT, SHALL BE CONSIDERED INCIDENTAL TO THE ITEMS SPECIFICALLY IDENTIFIED FOR PAYMENT.
26. THE CONTRACTOR SHALL PROVIDE A COMPETENT AND QUALIFIED SUPERINTENDENT TO SUPERVISE ALL WORK. THE SUPERINTENDENT SHALL BE PRESENT DURING ALL CONSTRUCTION ACTIVITIES.
27. ANY SURVEY MONUMENTS DAMAGED OR MOVED AS A RESULT OF THIS PROJECT SHALL BE REPLACED TO EQUAL OR BETTER CONDITION. A TEXAS REGISTERED LAND SURVEYOR SHALL OVERSEE THE REPLACEMENT AND CERTIFY THE REPLACEMENT FOR ITS INTENDED USE. NO SEPARATE PAY WILL BE PROVIDED.
28. ADEQUATE DRAINAGE CONDITIONS, IN ACCORDANCE WITH THE CITY ENGINEERING MANUAL, SHALL BE MAINTAINED AT ALL TIMES.
29. ANY TREE REMOVED OR DAMAGED BY THIS PROJECT, WHICH IS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED BY THE PLANS, WILL BE REPLACED ACCORDING TO THE REQUIREMENTS OF THE CITY OF TAYLOR CODE OF ORDINANCES. NO SEPARATE PAY WILL BE PROVIDED.
30. THE CONTRACTOR SHALL UNCOVER ALL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION AND VERIFY THEIR LOCATION PRIOR TO ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL NOTIFY THE CITY AND THE ENGINEER, IN WRITING, OF ANY CONFLICTS PRIOR TO ANY OTHER CONSTRUCTION INCLUDING BUT NOT LIMITED TO EXACT LOCATIONS OF CONFLICTS WITH PROPOSED OR EXISTING UTILITIES. NO ADDITIONAL PAY UNLESS SPECIFICALLY IDENTIFIED FOR PAYMENT IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL ALSO MAKE HIS OWN SUB-SURFACE INVESTIGATION PRIOR TO BID.
31. ONLY STAINLESS STEEL CASING SPACERS ARE ALLOWED IN ENCASEMENT PIPE(S).
32. NO SEPARATE PAY WILL BE GIVEN TO DE-WATER TRENCHES OR OTHER EXCAVATED AREAS.
33. SOIL MATERIAL IMPORTED FOR RE-VEGETATION OF DISTURBED AREAS SHALL BE APPROVED BY THE PUBLIC WORKS DEPARTMENT PRIOR TO PLACEMENT. A SAMPLE (SUBMITTAL) IS REQUIRED.
34. THE CONTRACTOR SHALL PERFORM PUMPING STATIONS AND/OR LIFT STATION START-UP INDEPENDENTLY PRIOR TO REQUESTING WITNESS OR ACCEPTANCE BY THE CITY. WHEN A FINAL START-UP FAILS TO BE COMPLETE AND ACCEPTABLE AND WHEN CITY PERSONNEL ARE PRESENT AT START-UP, EACH ADDITIONAL START-UP WILL BE CHARGED TO THE CONTRACTOR, AS LIQUIDATED DAMAGES, $500.00 PER ADDITIONAL MEETING.
35. SHUTOUT OF ANY CUSTOMERS OF THE CITY'S UTILITY DUE TO TIE-INS SHALL ONLY BE SCHEDULED FOR NIGHTTIME WORK UNLESS APPROVED BY THE ENGINEERING DEPARTMENT. THE CITY'S FIELD REPRESENTATIVE SHALL COORDINATE AND INSPECT ALL NIGHTTIME SHUTOUTS AND TIE-INS. THE CONTRACTOR SHALL REQUEST SHUTOUTS TWO WEEKS IN ADVANCE. SHUTOUTS WILL ONLY BE ALLOWED IN THE FOLLOWING TIMES AND ARE SUBJECT TO APPROVAL BY THE CITY: 10 PM - 6 AM; BEGINNING ON TUESDAY, WEDNESDAY OR THURSDAY NIGHT(S). NO EXTRA TIME WILL BE GRANTED TO THE CONTRACT FOR UNSCHEDULED WORK IN THE TIME PERIOD ALLOWED OR DUE TO REQUESTS OUTSIDE THE APPROVED TIME PERIODS.

STREET NOTES:

1. NO TRENCHING OF COMPACTED BASE WILL BE ALLOWED. A PENALTY AND/OR FINE MAY BE IMPOSED TO THE GENERAL CONTRACTOR IF TRENCHING OF COMPACTED BASE OCCURS WITHOUT CITY APPROVAL, REGARDLESS OF WHO PERFORMED THE TRENCHING.
2. ALL SIDEWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CITY OF TAYLOR HAS NOT REVIEWED THESE PLANS FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, OR ANY OTHER ACCESSIBILITY LEGISLATION, AND DOES NOT WARRANT OR APPROVE THESE PLANS FOR ANY ACCESSIBILITY STANDARDS.
3. STREET BARRICADES SHALL BE INSTALLED ON ALL DEAD END STREETS AND AS NECESSARY DURING CONSTRUCTION TO MAINTAIN JOB SAFETY.
4. ANY DAMAGE CAUSED TO EXISTING PAVEMENT, CURBS, SIDEWALKS, RAMPS, ETC., SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THIS PROJECT.
5. DENSITY TESTING OF COMPACTED SUBGRADE MATERIAL, FIRST COURSE AND SECOND COURSE COMPACTED BASE, SHALL BE MADE AT 500 FOOT INTERVALS. ANY FAILED TESTS WILL BE RE-TESTED AT THE EXPENSE OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL COORDINATE WITH THE CITY'S FIELD REPRESENTATIVE 48 HOURS PRIOR TO SCHEDULED DENSITY TESTING. THE CITY'S FIELD REPRESENTATIVE SHALL WITNESS ALL TESTING.
7. THE CONTRACTOR SHALL SCHEDULE ALL TESTING WITH AN APPROVED MATERIALS TESTING LABORATORY AND NOTIFY THE CITY'S FIELD REPRESENTATIVE OF THE TIME AND LOCATION OF ALL TESTS.
8. TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES TO BE INSTALLED AS DIRECTED BY THE CITY OF TAYLOR PRIOR TO CITY ACCEPTANCE OF THIS PROJECT.
9. SLOPE OF NATURAL GROUND ADJACENT TO THE RIGHT-OF-WAY SHALL NOT EXCEED 4:1. IF A 4:1 SLOPE IS NOT POSSIBLE, A RETAINING WALL OR SOME OTHER FORM OF SLOPE PROTECTION APPROVED BY THE CITY SHALL BE PLACED IN A LOCATION ACCEPTABLE TO THE CITY.
10. THE CITY, ENGINEER, CONTRACTOR, AND A REPRESENTATIVE FROM THE TESTING LAB SHALL ATTEND A PRE-PAVING CONFERENCE PRIOR TO THE START OF PAVING. THE CONTRACTOR SHALL GIVE THE CITY'S FIELD REPRESENTATIVE 48 HOURS NOTICE PRIOR TO THIS MEETING.
11. FAILED TESTS SHALL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.

WASTEWATER NOTES:

1. THE CONTRACTOR, WITH CITY APPROVAL, SHALL RAISE MANHOLE FRAMES AND COVERS AND WATER VALVE BOXES TO FINISHED PAVEMENT GRADE AT THE CONTRACTOR'S EXPENSE. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION.
2. THE LOCATION OF ANY EXISTING UTILITY LINES SHOWN ON THESE PLANS MAY NOT BE ACCURATE. ANY DAMAGE TO EXISTING UTILITY LINES, BOTH KNOWN AND UNKNOWN, SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO BIDDING THE PROJECT.
3. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH AT LEAST 8-MIL POLYETHYLENE WRAP, ACCORDING TO THE COA SPECIFICATION.
4. ALL WATER MAINS, WASTEWATER MAINS AND SERVICE LINES SHALL MEET CITY OF TAYLOR MINIMUM COVER SPECIFICATIONS. ALL STREETS ARE TO BE CUT TO SUBGRADE PRIOR TO INSTALLATION OF WATER MAINS.
5. ALL WASTEWATER LINES SHALL BE TV VIDEO TAPED ACCORDING TO COA 510. THE CONTRACTOR SHALL SUPPLY TWO COPIES TO THE CITY'S FIELD REPRESENTATIVE.
6. GASKETED PVC SEWER MAIN FITTINGS SHALL BE USED TO CONNECT SDR-35 PVC TO SDR-26 PVC PRESSURE PIPE OR C-900.
7. SDR-35 WW IS NOT ALLOWED.
8. ALL SANITARY SEWERS, EXCLUDING SERVICE LINES, SHALL BE MANDREL TESTED PER TCEQ CRITERIA. A MANDREL TEST WILL NOT BE PERFORMED UNTIL BACKFILL HAS BEEN IN PLACE FOR A MINIMUM OF 30 DAYS.
9. ALL SANITARY SEWERS, INCLUDING SERVICE LINES, SHALL BE AIR TESTED PER CITY OF AUSTIN STANDARD SPECIFICATIONS.
10. DENSITY TESTING OF COMPACTED BACKFILL SHALL BE MADE AT A RATE OF ONE TEST PER TWO FOOT LIFTS PER 500 FEET OF INSTALLED PIPE, UNLESS SPECIFIED OTHERWISE BY THE CITY.
11. CITY TO BE GIVEN 48 HOURS NOTICE PRIOR TO ALL TESTING OF WATER AND WASTEWATER CITY INSPECTION IS REQUIRED FOR ALL TESTING OF WATER AND WASTEWATER LINES.
12. WATER OR WASTEWATER LINE CROSSINGS SHALL BE INSTALLED PER TCEQ REQUIREMENTS.
13. ALL MANHOLE LIDS OUTSIDE THE PAVEMENT SHALL BE BOLTED.
14. CONTRACTOR TO NOTIFY CITY OF TAYLOR 48 HOURS PRIOR TO CONNECTING TO EXISTING UTILITIES. INSPECTION OF CONNECTIONS TO EXISTING UTILITIES IS REQUIRED.
15. ALL PIPE BEDDING MATERIAL SHALL CONFORM TO CITY OF AUSTIN STANDARD SPECIFICATIONS.
16. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI ~ 28-DAYS), AND ALL REINFORCING STEEL TO BE ASTM A615 60.
17. PIPING IN AND AROUND LIFT STATION VALVE VAULTS WILL BE PAINTED AND/OR COATED TO THE CITY'S SPECIFICATIONS.
18. MCC'S, JUNCTION BOXES OR ANY HOUSING FOR ELECTRICAL COMPONENTS SHALL BE NEMA 4X STAINLESS STEEL, PAINTED METAL OR ANY OTHER TYPE OF BOX WILL NOT BE ACCEPTED UNLESS SPECIFICALLY IDENTIFIED IN THE PLANS.

WATER NOTES:

1. THE TOP OF VALVE STEMS SHALL BE AT LEAST 18", AND NO MORE THAN 36", BELOW FINISHED GRADE. VALVE STEM RISERS SHALL BE WELDED ON EACH END TO THE CITY'S SATISFACTION.
2. FIRE HYDRANT LEADS TO BE DUCTILE IRON, CLASS 350, AND INSTALLED PER CITY OF TAYLOR STANDARD SPECIFICATIONS AND DETAIL.
3. THE CONTRACTOR SHALL PROVIDE CUTS FOR ALL WATER LINES AND FH BURY LINES IN ACCORDANCE WITH THE CONTRACT.
4. APPROVED 5 1/4" FIRE HYDRANTS: AMERICAN FLOW CONTROL, B84B MUELLER COMPANY, SUPER CENTURION 250, CLOW MEDALLION HYDRANT
5. *ALL FIRE HYDRANTS MUST MEET CITY OF TAYLOR THREAD SPECIFICATIONS (NATIONAL THREAD)
6. *BLUE REFLECTOR MARKERS SHALL BE LOCATED ON THE CENTERLINE OF THE PAVEMENT ACROSS FROM ALL FIRE HYDRANTS. PAVEMENT MARKERS AT INTERSECTIONS SHALL BE FOUR-SIDED.
7. ALL WATER LINES, INCLUDING SERVICE LINES, SHALL BE PRESSURE AND LEAK TESTED PER CITY OF AUSTIN STANDARD SPECIFICATIONS AND WITNESSED BY THE CITY OF TAYLOR REPRESENTATIVE. ALL FAILED TESTS SHALL BE THE FISCAL RESPONSIBILITY OF THE CONTRACTOR, AND THE CONTRACTOR MAY BE REQUIRED TO RE-TEST LINES IF THE TESTING IS NOT WITNESSED BY THE CITY. CONTRACTOR MUST NOTIFY THE CITY OF TAYLOR 48 HOURS PRIOR TO ANY TESTING.
8. ALL WATER LINES SHALL BE STERILIZED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH CITY OF AUSTIN STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR STERILIZATION AND THE CITY OF TAYLOR IS RESPONSIBLE FOR SUBMITTING BACTERIOLOGICAL SAMPLES TO THE STATE UNLESS OTHERWISE APPROVED BY THE ENGINEERING DEPARTMENT.
9. ALL WATER VALVE RISERS NOT IN PAVEMENT SHALL BE SET IN CONCRETE IN ACCORDANCE WITH THE CITY'S SPECIFICATIONS AND DETAILS. THE STANDARD DETAIL IS AVAILABLE ON THE CITY'S WEB SITE.
10. DENSITY TESTING OF COMPACTED BACKFILL SHALL BE MADE AT A RATE OF ONE TEST PER TWO FOOT LIFTS PER 500 FEET OF INSTALLED PIPE UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DEPARTMENT.
11. CONTRACTOR TO OBTAIN A WATER METER FROM THE CITY OF TAYLOR FOR ANY WATER THAT MAY BE REQUIRED DURING CONSTRUCTION. (512-352-3251)
12. ALL WATER PIPE AND APPURTENANCES LARGER THAN 12" SHALL HAVE A MAXIMUM OPERATING PRESSURE GREATER THAN 250 PSI UNLESS SPECIFICALLY IDENTIFIED ON THE BID FORM.
13. MANHOLE FRAMES AND COVERS AND WATER VALVE BOXES SHALL BE RAISED TO FINISHED PAVEMENT GRADE AT THE CONTRACTOR'S EXPENSE WITH CITY INSPECTION. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION.
14. THE LOCATION OF ANY EXISTING UTILITY LINES SHOWN ON THESE PLANS IS THE BEST AVAILABLE AND MAY NOT BE TOTALLY ACCURATE. ANY DAMAGE TO EXISTING UTILITY LINES, BOTH KNOWN AND UNKNOWN SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. THE ENGINEER AND/OR THE CITY MAKE NO GUARANTEE OR WARRANTY TO THE ACCURACY OF THESE PLANS.
15. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH AT LEAST 8-MIL POLYETHYLENE WRAP IN ACCORDANCE WITH THE COA SPECIFICATION.
16. ALL WATER MAINS, WASTEWATER MAINS AND SERVICE LINES SHALL MEET CITY OF AUSTIN SPECIFICATIONS MINIMUM COVER REQUIREMENTS. ALL STREETS ARE TO BE CUT TO SUBGRADE PRIOR TO INSTALLATION OF WATER MAINS.
17. CITY TO BE GIVEN 48 HOURS NOTICE PRIOR TO ALL TESTING OF WATER AND WASTEWATER CITY INSPECTION IS REQUIRED FOR ALL TESTING OF WATER AND WASTEWATER LINES.
18. ALL WATER VALVES OVER 24" IN SIZE SHALL HAVE A BY-PASS LINE AND VALVE INSTALLED. BY-PASS VALVES AND LINES ARE SUBSIDIARY TO THE COST OF THE VALVE UNLESS SPECIFICALLY IDENTIFIED ON THE BID FORM.
19. CONTRACTOR TO NOTIFY CITY OF TAYLOR 48 HOURS PRIOR TO CONNECTING TO EXISTING UTILITIES. INSPECTION IS REQUIRED.
20. ALL PIPE BEDDING MATERIAL SHALL CONFORM TO CITY OF TAYLOR STANDARD DETAILS.
21. TRACER TAPE SHALL BE INSTALLED ON ALL WATER AND WASTEWATER MAINS IN ACCORDANCE WITH CITY OF AUSTIN STANDARDS REGARDLESS OF THE TYPE OF PIPE OR DEPTH OF PIPE INSTALLED.
22. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI ~ 28-DAYS), AND ALL REINFORCING STEEL TO BE ASTM A615 60.
23. THE CITY CONSIDERS PROTECTION OF ITS WATER SYSTEM PARAMOUNT TO CONSTRUCTION ACTIVITIES. CITY PERSONNEL WILL OPERATE, OR AUTHORIZE THE CONTRACTOR TO OPERATE, ALL WATER VALVES THAT WILL PASS THROUGH THE CITY'S POTABLE WATER. THE CONTRACTOR MAY NOT OPERATE ANY WATER VALVE, EXISTING OR PROPOSED, THAT WILL ALLOW WATER FROM THE CITY'S WATER SYSTEM TO FLOW TO A PROPOSED OR EXISTING WATER SYSTEM WITHOUT THE EXPRESS CONSENT OF THE CITY. NOTIFY THE CITY TWO BUSINESS DAYS IN ADVANCE OF ANY REQUEST TO OPERATE A WATER VALVE. THE GENERAL CONTRACTOR MAY BE FINED $500 OR MORE, INCLUDING ADDITIONAL THEFT OF WATER FINES, IF A WATER VALVE IS OPERATED IN AN UNAUTHORIZED MANNER, REGARDLESS OF WHO OPERATED THE VALVE.

STORM SEWER NOTES:

1. THE CONTRACTOR WITH CITY INSPECTION SHALL RAISE MANHOLE FRAMES AND COVERS AND WATER VALVE BOXES TO FINISHED PAVEMENT GRADE. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION. THE CONTRACTOR WILL BACKFILL AROUND MANHOLES AND JUNCTION BOXES WITH CLASS A CONCRETE.
2. ALL MANHOLE LIDS SHALL BE 32" OR LARGER, UNLESS EXPRESSLY APPROVED IN WRITING BY THE ENGINEERING DEPARTMENT. ALL LIDS OUTSIDE THE PAVEMENT WILL BE BOLTED.
3. THE LOCATION OF ANY EXISTING UTILITY LINES SHOWN ON THESE PLANS IS THE BEST AVAILABLE AND MAY NOT BE TOTALLY ACCURATE. ANY DAMAGE TO EXISTING UTILITY LINES, BOTH KNOWN AND UNKNOWN, SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
4. CONTRACTOR TO NOTIFY CITY OF TAYLOR 48 HOURS PRIOR TO CONNECTING TO EXISTING UTILITIES.
5. ALL PIPE BEDDING MATERIAL SHALL CONFORM TO CITY OF TAYLOR STANDARD DETAILS.
6. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI ~ 28-DAYS), AND ALL REINFORCING STEEL TO BE ASTM A615 60.
7. CONTRACTOR TO INSTALL AND MAINTAIN GEO-TEXTILE FABRIC BARRIER (INLET PROTECTION) AROUND STORM SEWER LEADS AND INLETS TO PREVENT SILT AND OTHER MATERIAL FROM ENTERING THE STORM SEWER COLLECTION SYSTEM.

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

GENERAL NOTES

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
5 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:08:32pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-General Notes.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and Re without liability to Kimley-Horn and Associates, Inc.

KH GENERAL NOTES

OVERALL:

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY (OR TOWN) STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED.
2. THE CONTRACTOR SHALL COMPLY WITH CITY (OR TOWN) "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE CITY. FOR INSTANCES WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY.
3. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS.
4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS.
5. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR, AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.
6. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER AND ENGINEER IMMEDIATELY.
7. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO THE OWNER AND ENGINEER FOR REVIEW.
8. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING.
9. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL.
10. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ARCHITECT, ENGINEER, AND IF APPLICABLE THE CITY AND OWNER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE CITY, ENGINEER, AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
11. CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. OWNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO HAVE THEM LOCATE THEIR EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
13. CONTRACTOR SHALL CALL TEXAS 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION.
14. CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES.
15. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY.
16. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADE, RELOCATING EXISTING POLES AND GUY WIRES THAT ARE LOCATED IN PROPOSED DRIVEWAYS, ADJUSTING THE HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING WITH A PROPOSED UTILITY, AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON THESE PLANS.
17. CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE, AND UTILITY POLE ADJUSTMENTS NEEDED.
18. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION, AND SERVICE TO THE PROPOSED DEVELOPMENT.
19. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
20. BRACING OF UTILITY POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE PAY ITEM.
21. CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING TO WORK SETBACKS FROM POWER LINES.
22. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION.
23. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND CITY SPECIFICATIONS, AND SPECIAL CONDITIONS. COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
24. ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE.
25. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES.
26. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.
27. CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.
28. ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC…) ARE FOR PRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZES AND LOCATIONS WITH APPROPRIATE CITY INSPECTOR.
29. THE SCOPE OF WORK FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. REFERENCE THE BUILDING PLANS (E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5-FEET OF THE BUILDING AND WITHIN THE BUILDING FOOTPRINT.
30. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS.
31. THE PROPOSED BUILDING FOOTPRINT(S) SHOWN IN THESE PLANS WAS PROVIDED TO KIMLEY-HORN AND ASSOCIATES, INC. (KH) BY THE PROJECT ARCHITECT AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL CORRECT VERSION BECAUSE THE BUILDING DESIGN WAS ONGOING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE FINAL CORRECT VERSION OF THE BUILDING FOOTPRINT WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO LAYOUT. DIMENSIONS AND/OR COORDINATES SHOWN ON THESE PLANS MAY NOT BE BASED ON THE ABOVE STATED ARCHITECTURAL FOOTPRINT, AND ARE THEREFORE A PRELIMINARY LOCATION OF THE BUILDING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE ARCHITECT'S FOOTPRINT REPRESENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC…) AND TO CONFIRM ITS FINAL POSITION ON THE SITE BASED ON THE FINAL ARCHITECTURAL FOOTPRINT, CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. ANY DIFFERENCES FOUND SHALL BE REPORTED TO KH IMMEDIATELY.
32. ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA.
33. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD SPECIFICATIONS AND GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING MATERIALS. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING.
34. ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY.
35. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.
36. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.
37. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR.
38. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER.
39. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, … TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER.
40. ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT.
41. THE CONTRACTOR SHALL SALVAGE ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC… THAT ARE TO BE RELOCATED DURING CONSTRUCTION.
42. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES.
43. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY.
44. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.
45. SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
46. THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGN OF SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.
47. SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS.
48. CONTRACTOR OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, STORAGE, AND STAGING OPERATIONS AND LOCATIONS.
49. LIGHT POLES, SIGNS, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN ACCESSIBLE ROUTES.
50. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
51. TOP RIM ELEVATIONS OF ALL EXISTING AND PROPOSED MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED GRADE AND SHALL BE ADJUSTED TO BE FLUSH WITH THE ACTUAL FINISHED GRADE AT THE TIME OF PAVING.
52. CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED VALVES, FIRE HYDRANTS, AND OTHER UTILITY APPURTENANCES TO MATCH ACTUAL FINISHED GRADES AT THE TIME OF PAVING.
53. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND PHASING, AND SHALL CONTACT THE APPROPRIATE CITY OFFICIALS, INCLUDING BUILDING OFFICIAL, ENGINEERING INSPECTOR, AND FIRE MARSHALL TO LEARN OF ANY REQUIREMENTS.
54. CONTRACTOR IS RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY THE CITY OF A TRAFFIC CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION, AND THEN THE IMPLEMENTATION OF THE PLAN.
55. CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS.
56. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND CITY IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

EROSION CONTROL:

1. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS, LAWS, AND ORDINANCES THAT APPLY TO THE CONSTRUCTION SITE (AND DISTURBANCE).
2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE "TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000".
3. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE.
4. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT.
5. CONTRACTOR IS SOLELY RESPONSIBLE FOR INSTALLATION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL EROSION CONTROL DEVICES, BEST MANAGEMENT PRACTICES (BMPS), AND FOR UPDATING THE EROSION CONTROL PLAN DURING CONSTRUCTION AS FIELD CONDITIONS CHANGE.
6. CONTRACTOR SHALL DOCUMENT THE DATES OF INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL FOR EACH BMP EMPLOYED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE.
7. AS STORM SEWER INLETS ARE INSTALLED ON-SITE, TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED AT EACH INLET PER APPROVED DETAILS.
8. THE EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE AREA IT PROTECTS HAS BEEN PERMANENTLY STABILIZED.
9. CONTRACTOR SHALL PROVIDE ADEQUATE EROSION CONTROL DEVICES NEEDED DUE TO PROJECT PHASING.
10. CONTRACTOR SHALL OBSERVE THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES AND MAKE FIELD ADJUSTMENTS AND MODIFICATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. IF THE EROSION CONTROL DEVICES DO NOT EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE, THEN THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
11. OFF-SITE SOIL BORROW, SPOIL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMPS TO CONTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE BMPS FOR ANY OFF-SITE THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN.
12. ALL STAGING, STOCKPILES, SPOIL, AND STORAGE SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY. PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCIRCLING THE AREA WITH AN APPROPRIATE BARRIER.
13. CONTRACTORS SHALL INSPECT ALL EROSION CONTROL DEVICES, BMPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN THE SWPPP BOOKLET IF APPLICABLE, TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY.
14. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE WITH CITY SPECIFICATIONS. CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT ALL TIMES FOR ALL INGRESS/EGRESS.
15. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND DIRT ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL BE REMOVED IMMEDIATELY.
16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF THE CONSTRUCTION, AS REQUESTED BY OWNER AND CITY. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE OFF-SITE ROADWAYS.
17. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP.
18. CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 ACRES, PER TCEQ AND CITY STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PLANS, THEN THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED.
19. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR.
20. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENHANCED VOID SPACES BETWEEN STONES OR DIRT IS BEING TRACKED ONTO A ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE.
21. TEMPORARY SEEDING OR OTHER APPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY AREA, UNLESS ADDITIONAL CONSTRUCTION IN THAT AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE.
22. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE MATERIAL, AND TRASH AS CONSTRUCTION PROGRESSES.
23. UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS ACHIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, PAVEMENT, OR A UNIFORM PERENNIAL VEGETATIVE COVER.
24. AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE CONSTRUCTION SHALL BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN ACCORDANCE WITH APPLICABLE REGULATIONS.

STORM WATER DISCHARGE AUTHORIZATION:

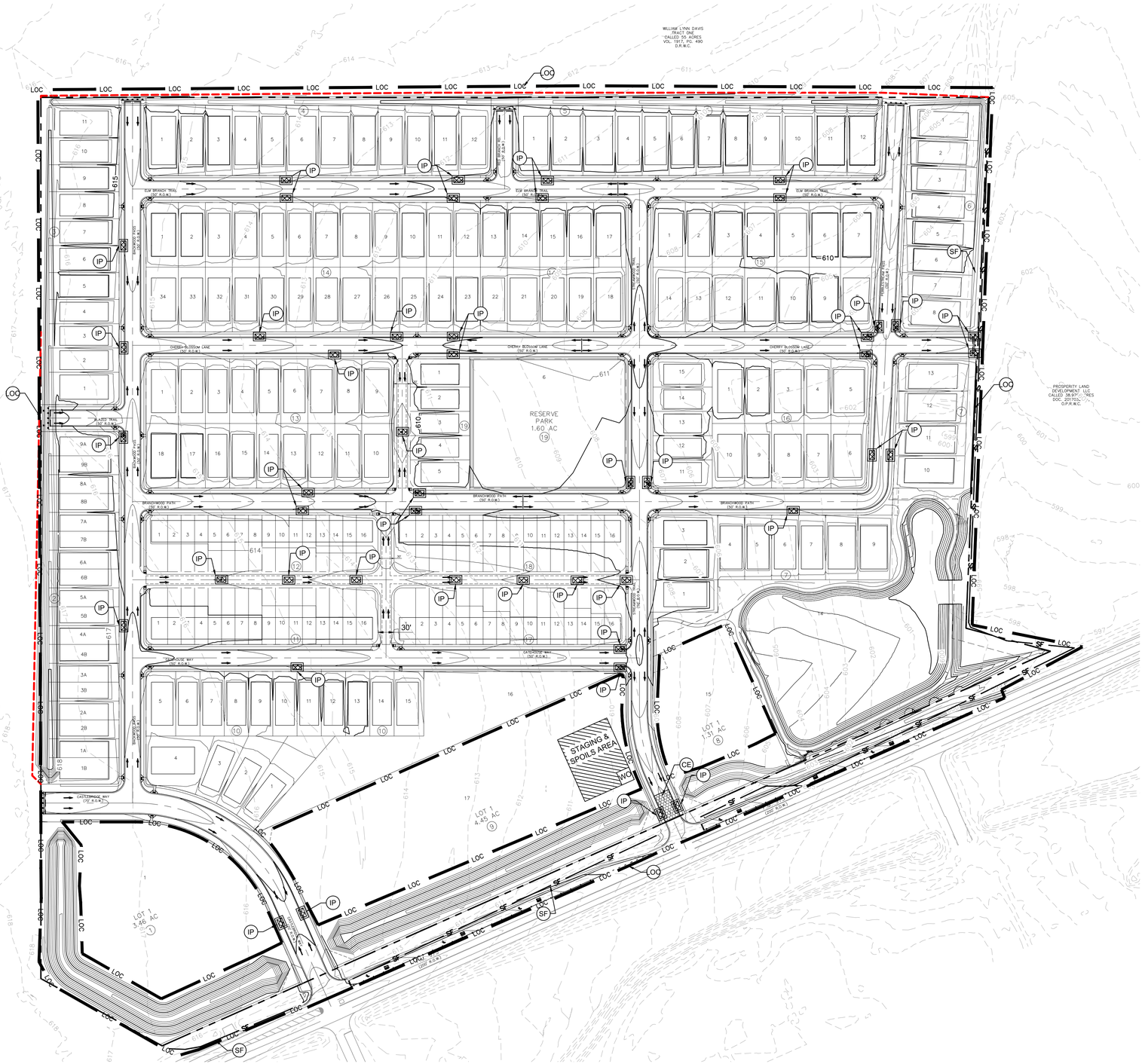
1. CONTRACTOR SHALL COMPLY WITH ALL TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS.
2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000.
3. THE CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO TCEQ AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL PROVIDE A COPY OF THE SUBMITTED NOI TO THE OPERATOR OF THE MS4 PRIOR TO RECEIVING DISCHARGE FROM THE SITE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED BY THE TCEQ AND EPA (E.G. NOI).
5. ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED CONTRACTOR CERTIFICATION STATEMENTS PRIOR TO COMMENCING THEIR RESPECTIVE SERVICES AS SPECIFIED IN THE SWPPP.
6. A COPY OF THE SWPPP, INCLUDING NOI, SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO THE CITY BY THE CONTRACTOR AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.
7. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

DEMOLITION:

1. KH IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. THIS PRELIMINARY DEMOLITION PLAN SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE.
2. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN, WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION PROVIDED BY OTHERS, SHOWS ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY, OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN SITE RECONNAISSANCE TO SCOPE ITS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND METHODS FOR THE REMOVAL OF THEIR FACILITIES.
3. THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, NOTHING MORE. THE GOAL OF THE DEMOLITION IS TO LEAVE THE SITE IN A STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT. REMOVAL OR PRESERVATION OF IMPROVEMENTS, UTILITIES, ETC. TO ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
4. CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND IMPLEMENTING THE DEMOLITION PLAN:
   a. ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER,
   b. ASBESTOS BUILDING INSPECTION REPORT(S) PROVIDED BY THE OWNER,
   c. GEOTECHNICAL REPORT PROVIDED BY THE OWNER.
   d. OTHER REPORTS THAT ARE APPLICABLE AND AVAILABLE.
5. CONTRACTOR SHALL CONTACT THE OWNER TO VERIFY WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED REPORTS HAVE BEEN PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO STARTING ANY WORK ON THE SITE.
6. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON THE SITE AND THE DISPOSAL OF THE DEMOLISHED MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE SITE, DETERMINE THE APPLICABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY.
7. KH DOES NOT REPRESENT THAT THE REPORTS AND OBJECTS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR COMPREHENSIVE SHOWING ALL ITEMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED.
8. SURFACE PAVEMENT INDICATED MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT, FOUNDATIONS OR WALLS, THAT ARE ALSO TO BE REMOVED.

GRADING:

1. THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
2. CONTRACTOR SHALL CONFIRM COORDINATES SHOWN ON THESE PLANS ARE CORRECT.
3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE. IN LOCATIONS AT CURB LINE, ADD 6-INCHES (TOP OF CURB) TO ELEVATION SHOWN FOR PAVING GRADE FOR TOP O



EROSION CONTROL LEGEND

- PROPERTY LINE
- 632 — PROPOSED CONTOUR
- 632 — EXISTING CONTOUR
- (SF) — SF — SILT FENCE
- (#) — BLOCK NUMBER
- # — LOT NUMBER
- (CE) — STABALIZED CONSTRUCTION ENTRANCE/EXIT
- (IP) — INLET PROTECTION
- (RB) — ROCK BERM
- (LOC) — LOC — LIMITS OF CONSTRUCTION
- TREE TO BE REMOVED
- (WO) — CONCRETE WASHOUT AREA

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

EROSION CONTROL PLAN

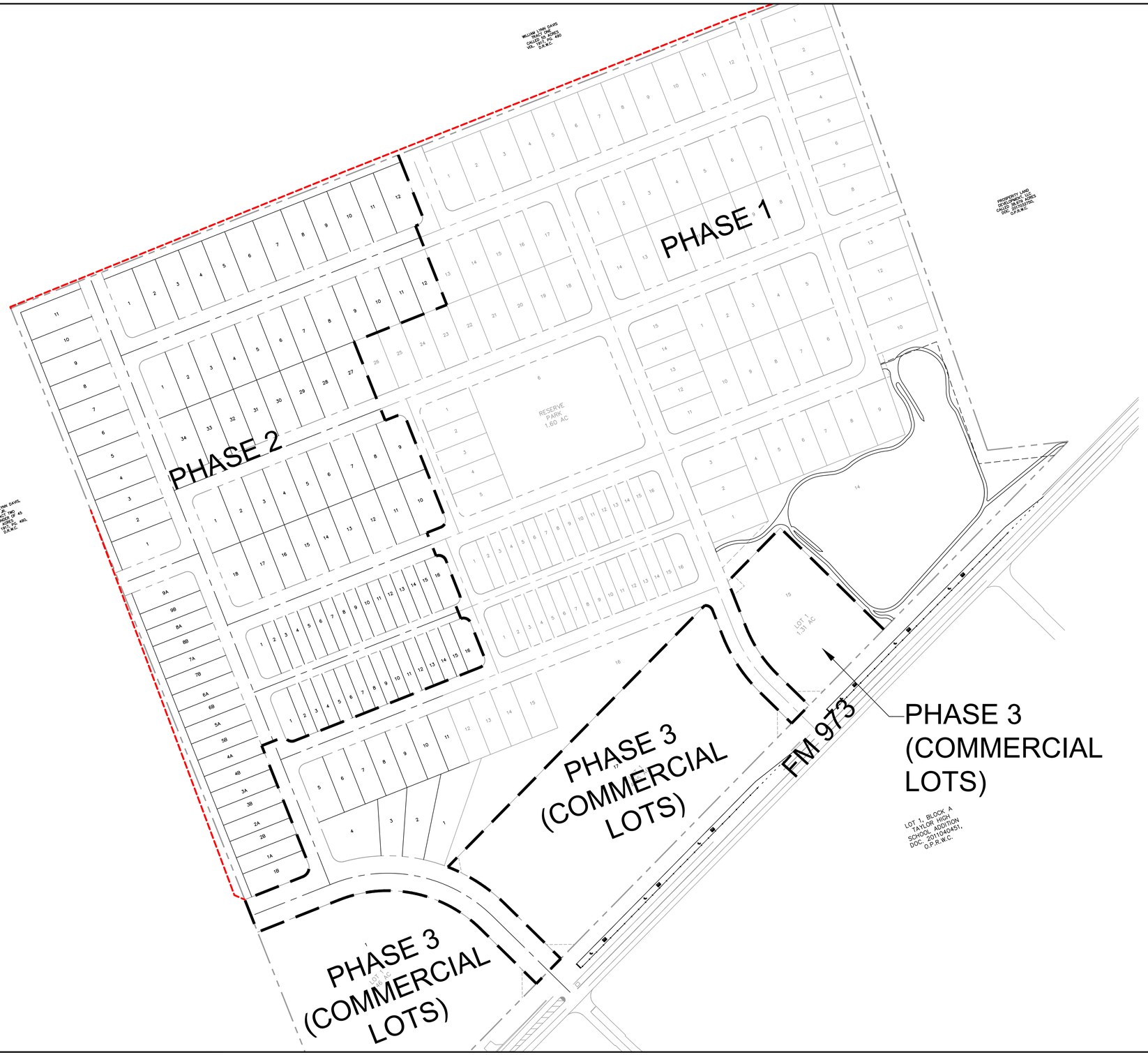
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
7 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:09:16pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Erosion Control Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Hansen, Matthew Date:October 16, 2020 03:09:36pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Phasing Diagram.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



PHASING BOUNDARIES LEGEND

- PROPERTY LINE
- PROPOSED PHASING BOUNDARIES

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

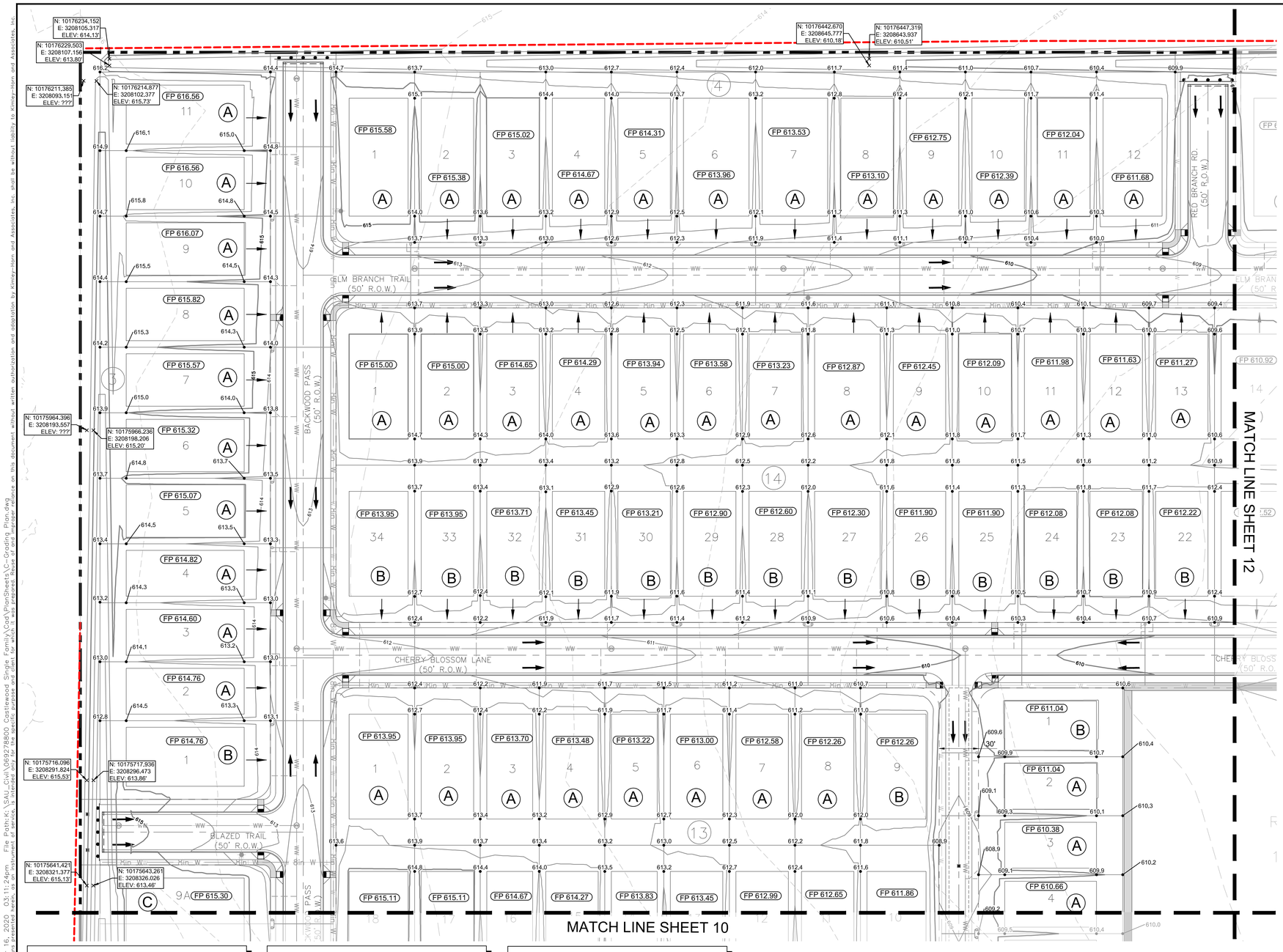
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

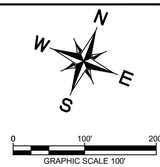
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

OVERALL PHASE LAYOUT

SHEET NUMBER
8 OF 108

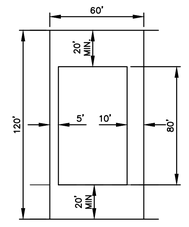




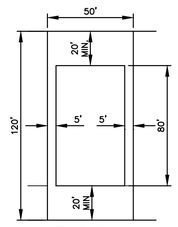
LEGEND

	PROPERTY LINE
FP 675.00	PROPOSED FINISHED PAD ELEVATION
55.5 •	PROPOSED SPOT ELEVATION
EX 55.5 •	EXISTING SPOT ELEVATION
TW 55.5 •	PROPOSED TOP OF WALL ELEVATION
BW 55.5 •	PROPOSED BOTTOM OF WALL ELEVATION
EW 55.5 •	PROPOSED END WALL ELEVATION
	PROPOSED REAR YARD SWALE
	LOT DRAINAGE FLOW DIRECTION
	STREET DRAINAGE FLOW DIRECTION
	PROPOSED RETAINING WALL
	EXPOSED FACE OF RETAINING WALL
EB	EXPOSED BEAM REQUIRED
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

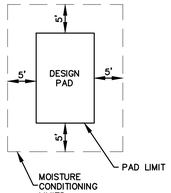
NOTE:
1. CONTRACTOR TO PROVIDE STRUCTURAL WALL DESIGN FOR ALL WALLS.
2. BW = BOTTOM OF GRADE
   TW = TOP OF GRADE
3. SEE STRUCTURAL FOR TOP OF FOOTING AND TOP OF BLOCK.



TYPICAL CORNER LOT DETAIL
NTS



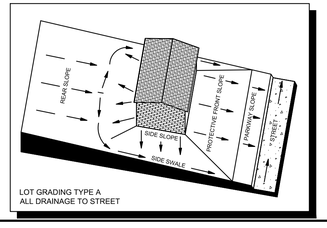
TYPICAL LOT DETAIL
NTS



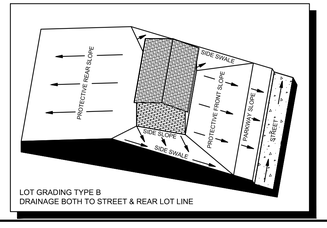
EXCAVATION NOTE:
CONTRACTOR TO MOISTURE CONDITION 5' BEYOND PAD PER GEOTECH RECOMMENDATIONS PROJECT NO. A162130

PAD EXCAVATION DETAIL
NTS

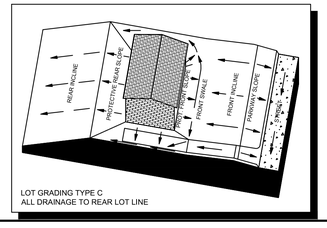
CONTRACTOR TO WRAP PADS WITH PLASTIC SHEETING AS NOTED IN SUPPLEMENTAL RECOMMENDATIONS PROVIDED BY ALPHA TESTING REPORT NO. A162130



LOT GRADING TYPE A
ALL DRAINAGE TO STREET



LOT GRADING TYPE B
DRAINAGE BOTH TO STREET & REAR LOT LINE



LOT GRADING TYPE C
ALL DRAINAGE TO REAR LOT LINE

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
SUB&LOT-VOL	1.000	1.000	49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>
Totals			49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

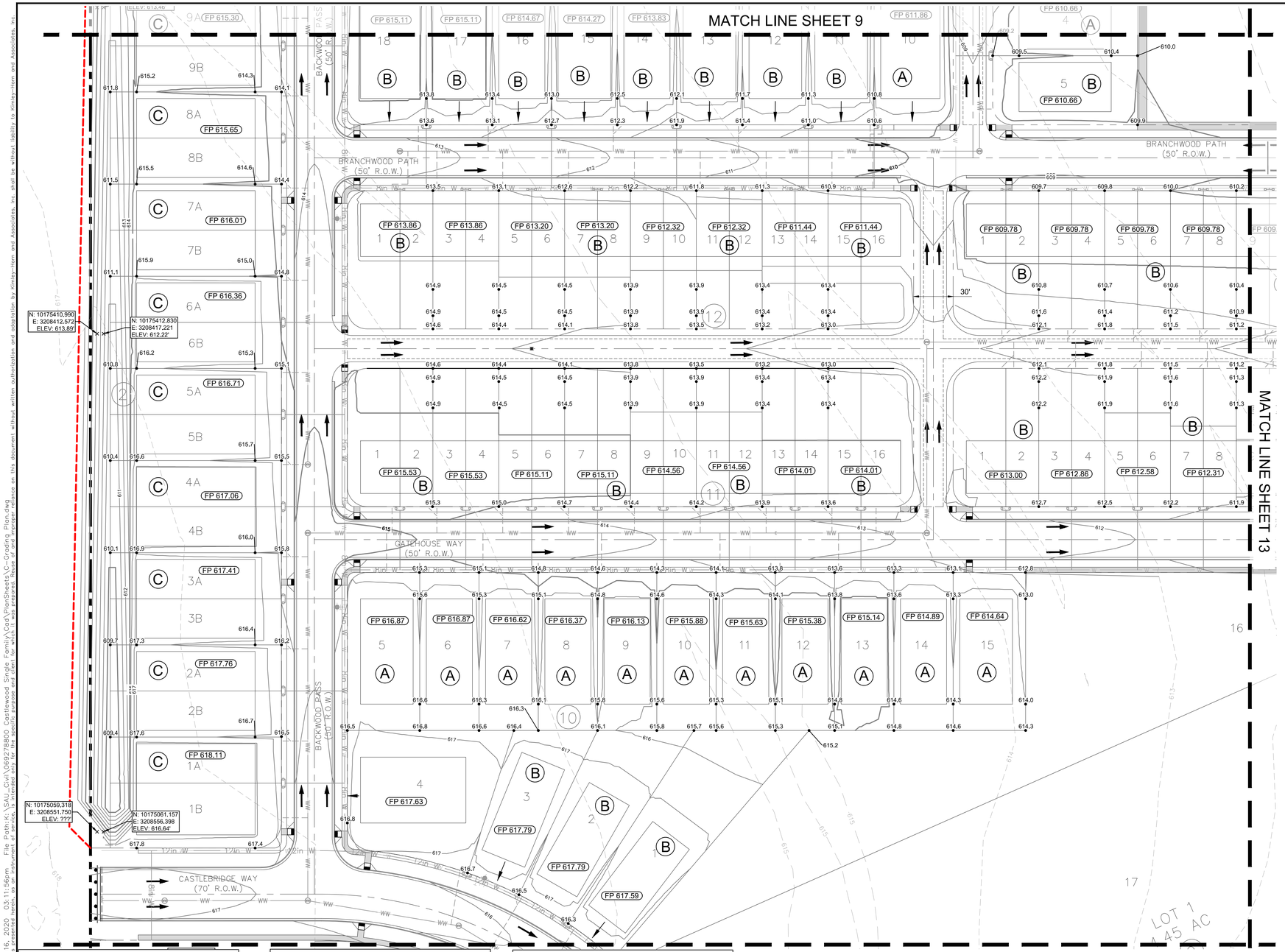
GRADING PLAN (1 OF 5)

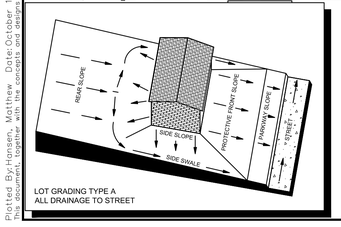
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

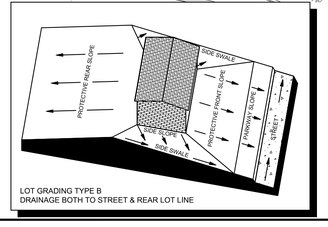
SHEET NUMBER
9 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:11:24pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Grading Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

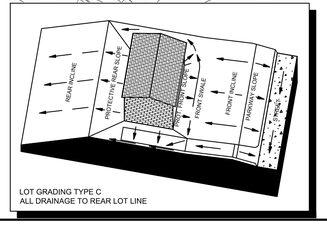




LOT GRADING TYPE A
ALL DRAINAGE TO STREET



LOT GRADING TYPE B
DRAINAGE BOTH TO STREET & REAR LOT LINE



LOT GRADING TYPE C
ALL DRAINAGE TO REAR LOT LINE

Cut/Fill Summary

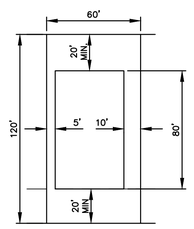
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
SUB&LOT-VOL	1.000	1.000	49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>
Totals			49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>



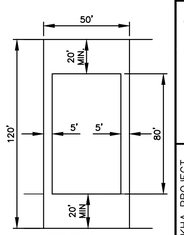
LEGEND

- PROPERTY LINE
- FP 675.00 — PROPOSED FINISHED PAD ELEVATION
- 55.5 • — PROPOSED SPOT ELEVATION
- EX 55.5 • — EXISTING SPOT ELEVATION
- TW 55.5 • — PROPOSED TOP OF WALL ELEVATION
- BW 55.5 • — PROPOSED BOTTOM OF WALL ELEVATION
- EW 55.5 • — PROPOSED END WALL ELEVATION
- PROPOSED REAR YARD SWALE
- LOT DRAINAGE FLOW DIRECTION
- STREET DRAINAGE FLOW DIRECTION
- PROPOSED RETAINING WALL
- EXPOSED FACE OF RETAINING WALL
- EB — EXPOSED BEAM REQUIRED
- 555 — PROPOSED CONTOUR
- 555 — EXISTING CONTOUR

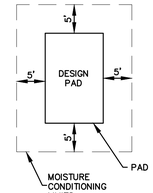
NOTE:
1. CONTRACTOR TO PROVIDE STRUCTURAL WALL DESIGN FOR ALL WALLS.
2. BW = BOTTOM OF GRADE
   TW = TOP OF GRADE
3. SEE STRUCTURAL FOR TOP OF FOOTING AND TOP OF BLOCK.



TYPICAL CORNER LOT DETAIL
NTS



TYPICAL LOT DETAIL
NTS



EXCAVATION NOTE:
CONTRACTOR TO MOISTURE CONDITION 5' BEYOND PAD PER GEOTECH RECOMMENDATIONS PROJECT NO. A162130

PAD EXCAVATION DETAIL
NTS

CONTRACTOR TO WRAP PADS WITH PLASTIC SHEETING AS NOTED IN SUPPLEMENTAL RECOMMENDATIONS PROVIDED BY ALPHA TESTING REPORT NO. A162130

BENCHMARKS

IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800	DATE JANUARY 2020	SCALE: AS SHOWN	DESIGNED BY: WB,DM	DRAWN BY: DM,WB	CHECKED BY: LC

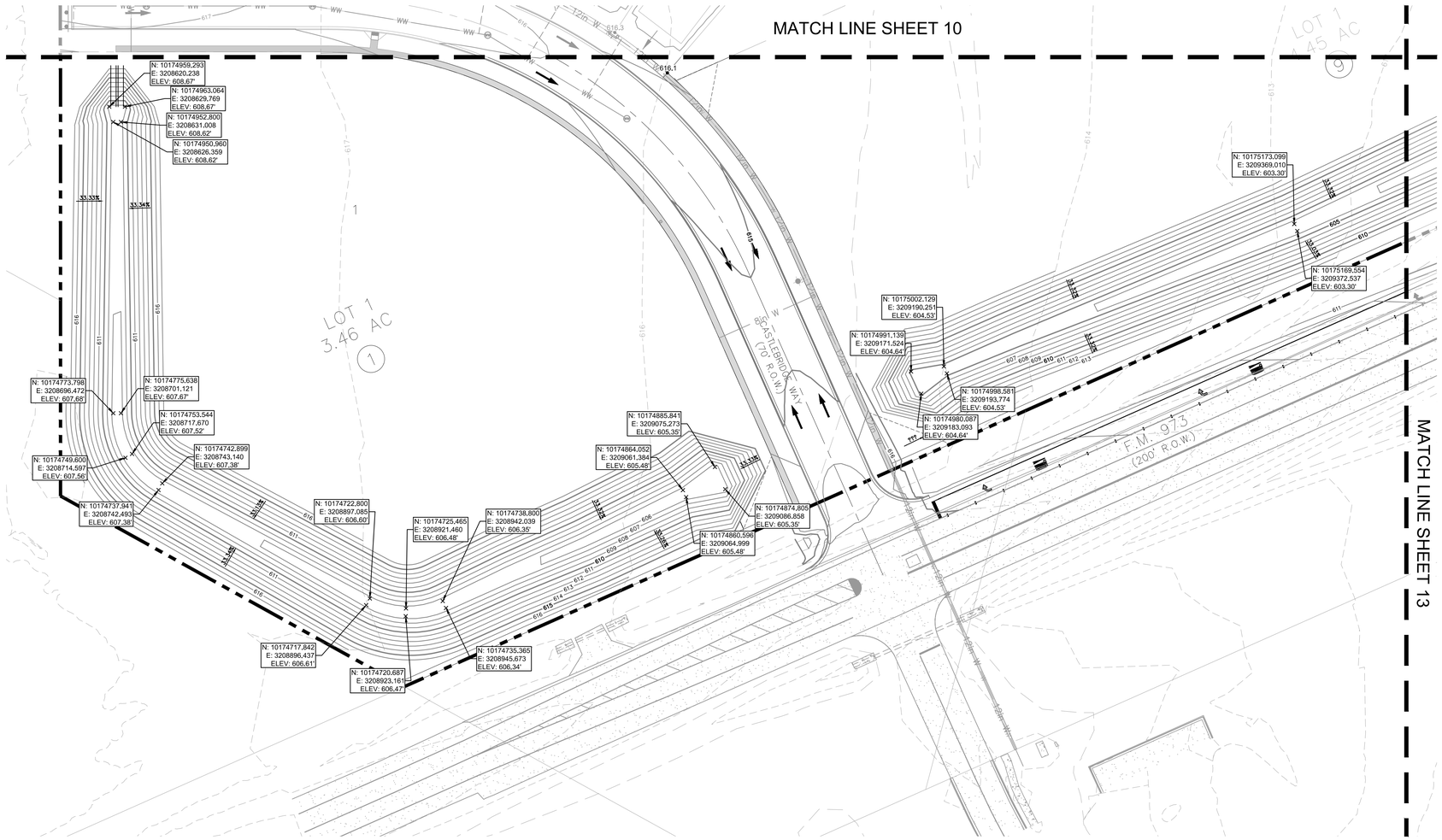
GRADING PLAN (2 OF 5)

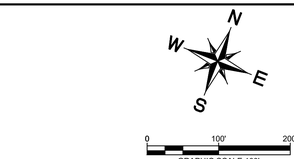
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
10 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:11:56pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Grading Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

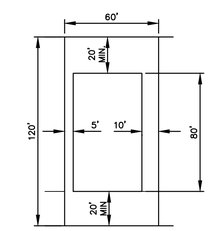




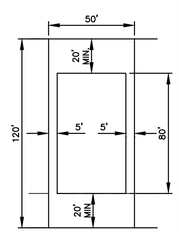
LEGEND

	PROPERTY LINE
FP 675.00	PROPOSED FINISHED PAD ELEVATION
55.5 •	PROPOSED SPOT ELEVATION
EX 55.5 •	EXISTING SPOT ELEVATION
TW 55.5 •	PROPOSED TOP OF WALL ELEVATION
BW 55.5 •	PROPOSED BOTTOM OF WALL ELEVATION
EW 55.5 •	PROPOSED END WALL ELEVATION
	PROPOSED REAR YARD SWALE
	LOT DRAINAGE FLOW DIRECTION
	STREET DRAINAGE FLOW DIRECTION
	PROPOSED RETAINING WALL
	EXPOSED FACE OF RETAINING WALL
EB	EXPOSED BEAM REQUIRED
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

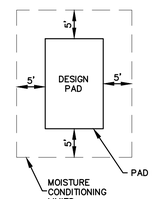
NOTE:
1. CONTRACTOR TO PROVIDE STRUCTURAL WALL DESIGN FOR ALL WALLS.
2. BW = BOTTOM OF GRADE
   TW = TOP OF GRADE
3. SEE STRUCTURAL FOR TOP OF FOOTING AND TOP OF BLOCK.



TYPICAL CORNER LOT DETAIL
NTS



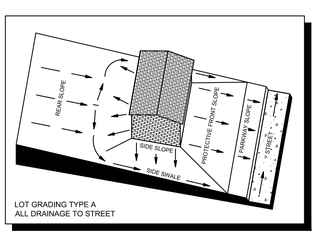
TYPICAL LOT DETAIL
NTS



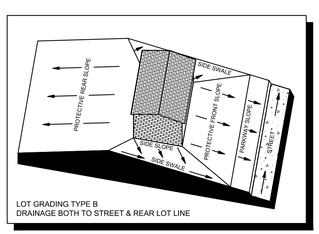
EXCAVATION NOTE:
CONTRACTOR TO MOISTURE CONDITION 5' BEYOND PAD PER GEOTECH RECOMMENDATIONS PROJECT NO. A162130

PAD EXCAVATION DETAIL
NTS

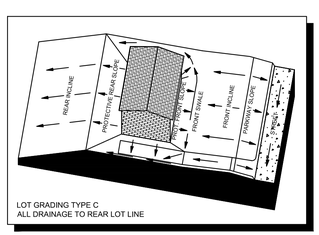
CONTRACTOR TO WRAP PADS WITH PLASTIC SHEETING AS NOTED IN SUPPLEMENTAL RECOMMENDATIONS PROVIDED BY ALPHA TESTING REPORT NO. A162130



LOT GRADING TYPE A
ALL DRAINAGE TO STREET



LOT GRADING TYPE B
DRAINAGE BOTH TO STREET & REAR LOT LINE



LOT GRADING TYPE C
ALL DRAINAGE TO REAR LOT LINE

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
SUB&LOT-VOL	**1.000**	**1.000**	49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>
Totals			49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

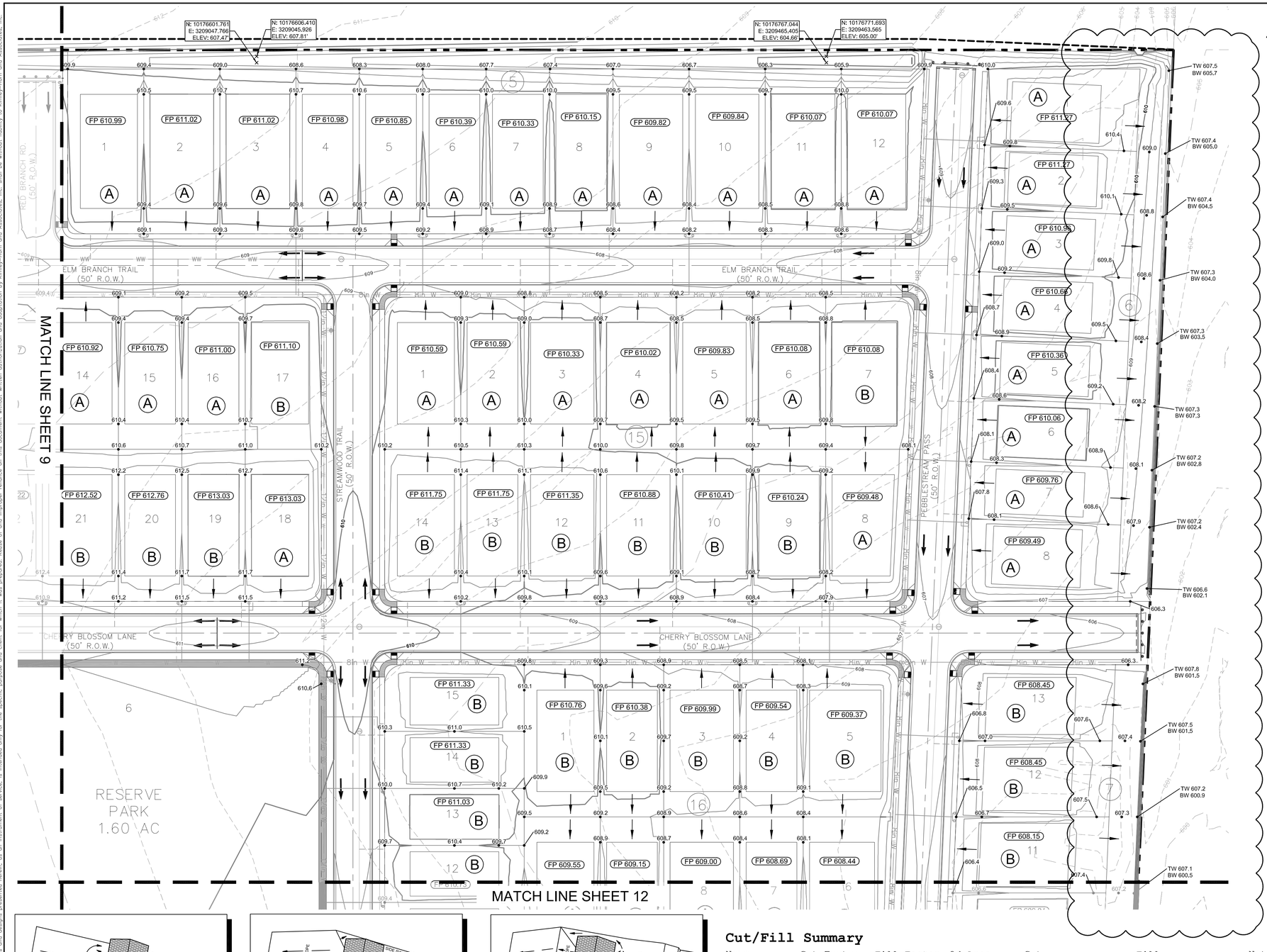
GRADING PLAN (3 OF 5)

CASTLEWOOD
SINGLE FAMILY
PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
11 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:14:42pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Grading Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Buzzell, William Date:March 11, 2021 05:20:26pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Grading Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



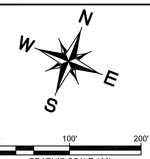
LOT GRADING TYPE A
ALL DRAINAGE TO STREET

LOT GRADING TYPE B
DRAINAGE BOTH TO STREET & REAR LOT LINE

LOT GRADING TYPE C
ALL DRAINAGE TO REAR LOT LINE

Cut/Fill Summary

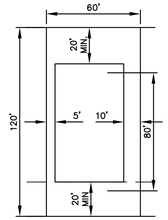
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
SUB&LOT-VOL	1.000	1.000	49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>
Totals			49.97acres	69104.69 Cu. Yd.	102670.89 Cu. Yd.	33566.20 Cu. Yd.<Fill>



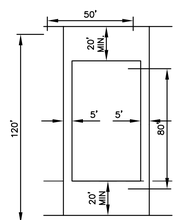
LEGEND

- PROPERTY LINE
- FP 675.00 — PROPOSED FINISHED PAD ELEVATION
- 55.5 • — PROPOSED SPOT ELEVATION
- EX 55.5 • — EXISTING SPOT ELEVATION
- TW 55.5 • — PROPOSED TOP OF WALL ELEVATION
- BW 55.5 • — PROPOSED BOTTOM OF WALL ELEVATION
- EW 55.5 • — PROPOSED END WALL ELEVATION
- PROPOSED REAR YARD SWALE
- LOT DRAINAGE FLOW DIRECTION
- STREET DRAINAGE FLOW DIRECTION
- PROPOSED RETAINING WALL
- EXPOSED FACE OF RETAINING WALL
- EB — EXPOSED BEAM REQUIRED
- 555 — PROPOSED CONTOUR
- 555 — EXISTING CONTOUR

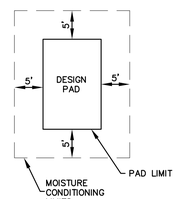
NOTE:
1. CONTRACTOR TO PROVIDE STRUCTURAL WALL DESIGN FOR ALL WALLS.
2. BW = BOTTOM OF GRADE
   TW = TOP OF GRADE
3. SEE STRUCTURAL FOR TOP OF FOOTING AND TOP OF BLOCK.



TYPICAL CORNER LOT DETAIL
NTS



TYPICAL LOT DETAIL
NTS



EXCAVATION NOTE:
CONTRACTOR TO MOISTURE CONDITION 5' BEYOND PAD PER GEOTECH RECOMMENDATIONS PROJECT NO. A162130

PAD EXCAVATION DETAIL
NTS

CONTRACTOR TO WRAP PADS WITH PLASTIC SHEETING AS NOTED IN SUPPLEMENTAL RECOMMENDATIONS PROVIDED BY ALPHA TESTING REPORT NO. A162130

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY
2	OFFSET CHANNEL 10' DUE TO WALL	3/11/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
03/09/2021

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

GRADING PLAN (4 OF 5)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
12 OF 108

MATCH LINE SHEET 12

MATCH LINE SHEET 10

BRANCHWOOD PATH (50' R.O.W.)

STREAMWOOD TRAIL (50' R.O.W.)

GATEHOUSE WAY (50' R.O.W.)

F.M. 973 (200' R.O.W.)

LOT 1 1.31 AC

FP 609.78 | FP 609.78 | FP 609.78 | FP 609.78

FP 611.37 | FP 611.09 | FP 610.81 | FP 610.52

FP 610.00 | FP 610.30 | FP 610.65

FP 609.25 | FP 609.25 | FP 608.99 | FP 608.74 | FP 608.49 | FP 608.19

FP 609.98 | FP 610.73 | FP 609.00 | FP 608.69 | FP 608.44 | FP 608.04

N: 10175572.294
E: 3209821.257
ELEV: 600.23'

N: 10175554.548
E: 3209783.212
ELEV: 600.45'

N: 10175553.246
E: 3209765.207
ELEV: 600.54'

N: 10175505.008
E: 3209690.702
ELEV: 601.00'

N: 10175488.395
E: 3209666.308
ELEV: 601.13'

N: 10175569.240
E: 3209825.410
ELEV: 600.22'

N: 10175547.930
E: 3209762.285
ELEV: 600.56'

N: 10175501.406
E: 3209694.289
ELEV: 601.00'

N: 10175549.246
E: 3209780.534
ELEV: 600.47'

N: 10175477.142
E: 3209677.682
ELEV: 601.13'

N: 10175413.379
E: 3209592.055
ELEV: 601.66'

N: 10175399.394
E: 3209584.556
ELEV: 602.00'

N: 10175401.967
E: 3209603.270
ELEV: 601.66'

N: 10175394.713
E: 3209589.156
ELEV: 602.00'

TW 607.1
BW 600.5

TW 606.9
BW 600.2

TW 601.5
BW 599.1
EW 599.1

TW 602.8
BW 599.3
EW 599.3
EW 599.4
EW 599.7

TW 603.6
BW 600.6
EW 600.2
EW 600.4
EW 600.9

TW 604.0
BW 601.1
EW 601.2

TW 605.0
BW 604.8
EW 601.5

TW 605.8
BW 605.8

TW 605.7
BW 605.7
EW 601.5

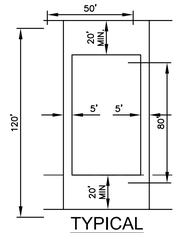
N
W
E
S

0 100' 200'
GRAPHIC SCALE 100'

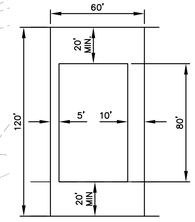
LEGEND

	PROPERTY LINE
FP 675.00	PROPOSED FINISHED PAD ELEVATION
55.5 •	PROPOSED SPOT ELEVATION
EX 55.5 •	EXISTING SPOT ELEVATION
TW 55.5 •	PROPOSED TOP OF WALL ELEVATION
BW 55.5 •	PROPOSED BOTTOM OF WALL ELEVATION
EW 55.5 •	PROPOSED END WALL ELEVATION
	PROPOSED REAR YARD SWALE
	LOT DRAINAGE FLOW DIRECTION
	STREET DRAINAGE FLOW DIRECTION
	PROPOSED RETAINING WALL
	EXPOSED FACE OF RETAINING WALL
EB	EXPOSED BEAM REQUIRED
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

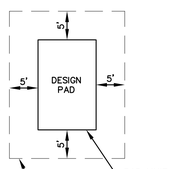
NOTE:
1. CONTRACTOR TO PROVIDE STRUCTURAL WALL DESIGN FOR ALL WALLS.
2. BW = BOTTOM OF GRADE
   TW = TOP OF GRADE
3. SEE STRUCTURAL FOR TOP OF FOOTING AND TOP OF BLOCK.



TYPICAL LOT DETAIL
NTS



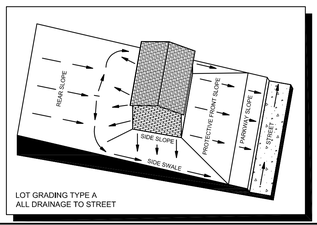
TYPICAL CORNER LOT DETAIL
NTS



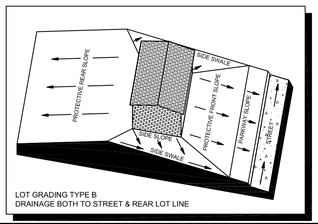
EXCAVATION NOTE:
CONTRACTOR TO MOISTURE CONDITION 5' BEYOND PAD PER GEOTECH RECOMMENDATIONS PROJECT NO. A162130

PAD EXCAVATION DETAIL
NTS

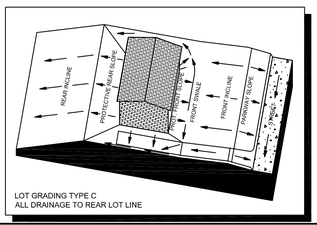
CONTRACTOR TO WRAP PADS WITH PLASTIC SHEETING AS NOTED IN SUPPLEMENTAL RECOMMENDATIONS PROVIDED BY ALPHA TESTING REPORT NO. A162130



LOT GRADING TYPE A
ALL DRAINAGE TO STREET



LOT GRADING TYPE B
DRAINAGE BOTH TO STREET & REAR LOT LINE



LOT GRADING TYPE C
ALL DRAINAGE TO REAR LOT LINE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY
2	OFFSET CHANNEL 10' DUE TO WALL	3/11/2021	WB
3	FIXED ELEVATIONS PER COMMENT	3/17/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
03/17/2021

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

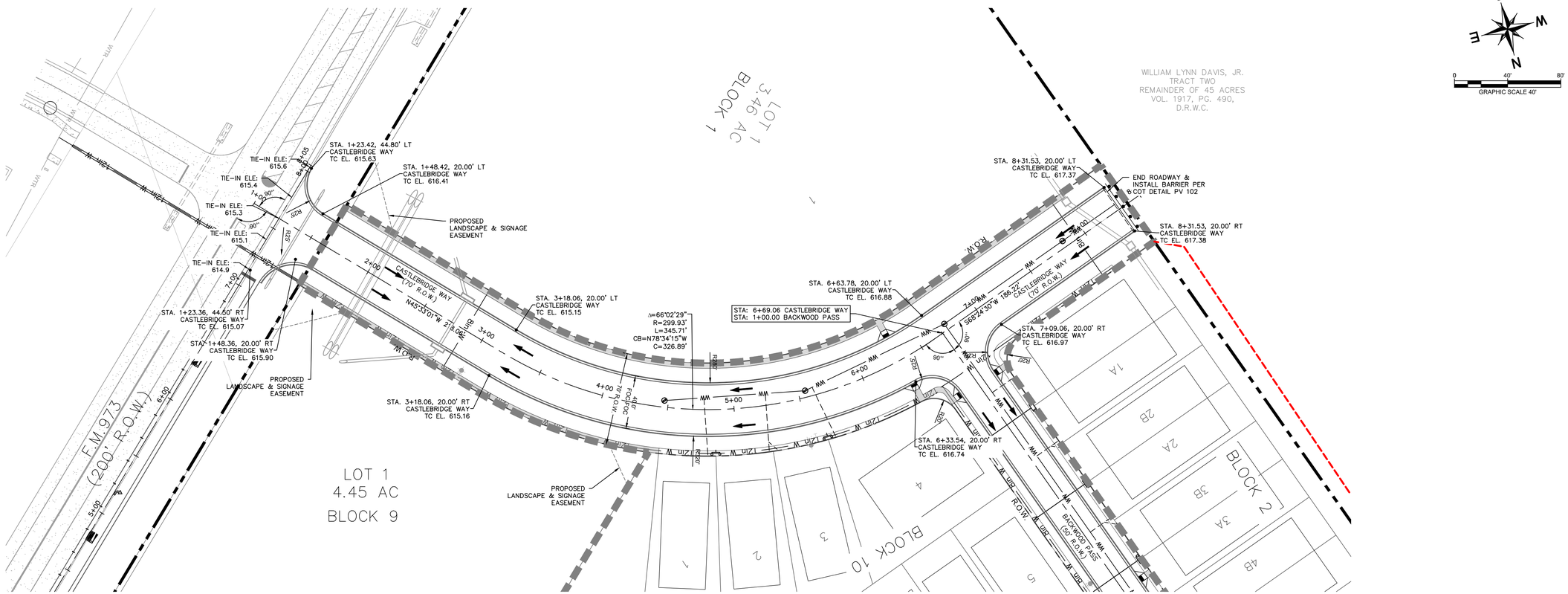
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

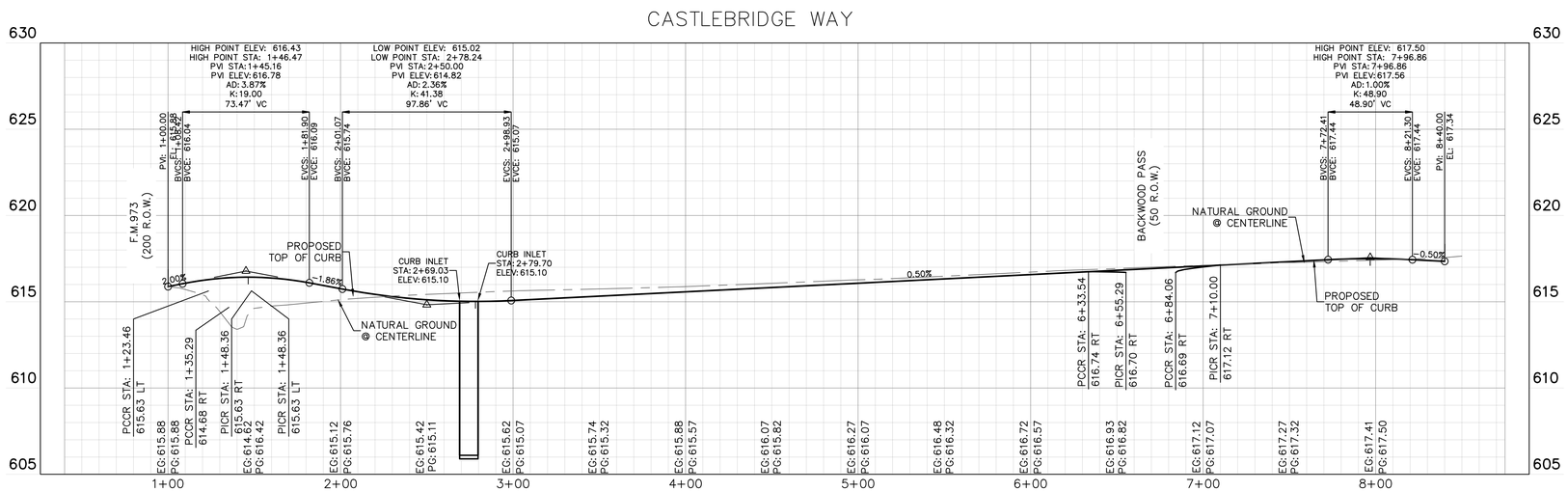
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

GRADING PLAN (5 OF 5)

SHEET NUMBER
13 OF 108

Plotted By:Buzzelli, William Date:March 17, 2021 03:00:16pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Grading Plan.dwg
The Structure, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT
069278800
DATE
JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

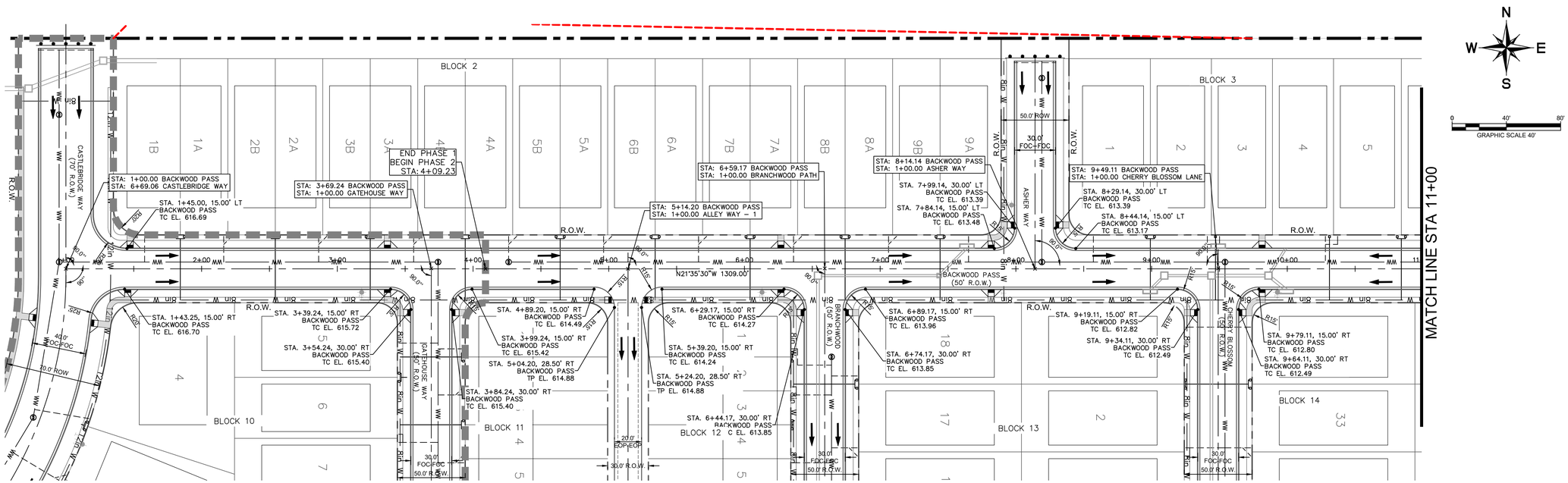
CASTLEBRIDGE WAY PLAN & PROFILE

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

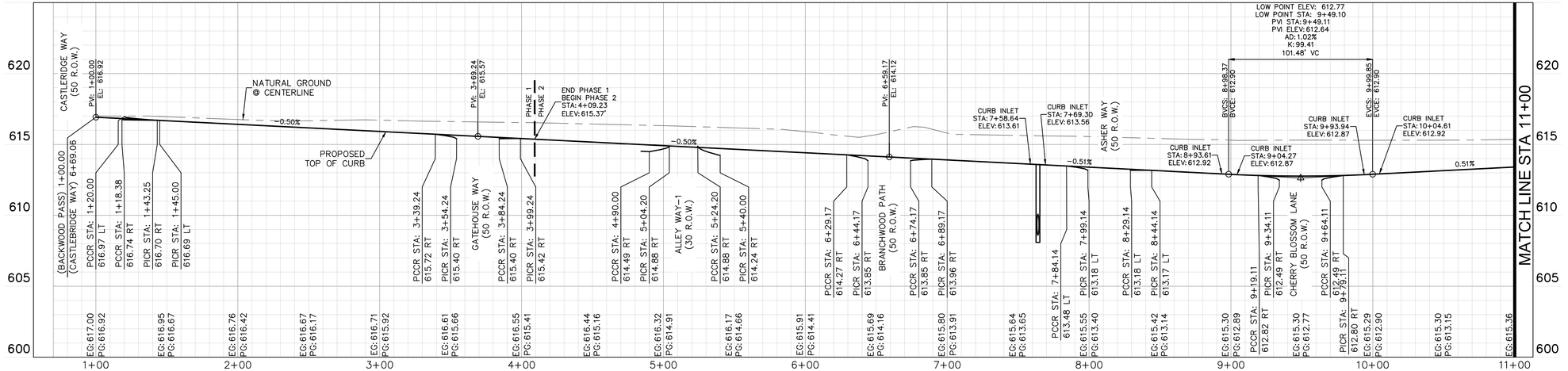
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
14 OF108

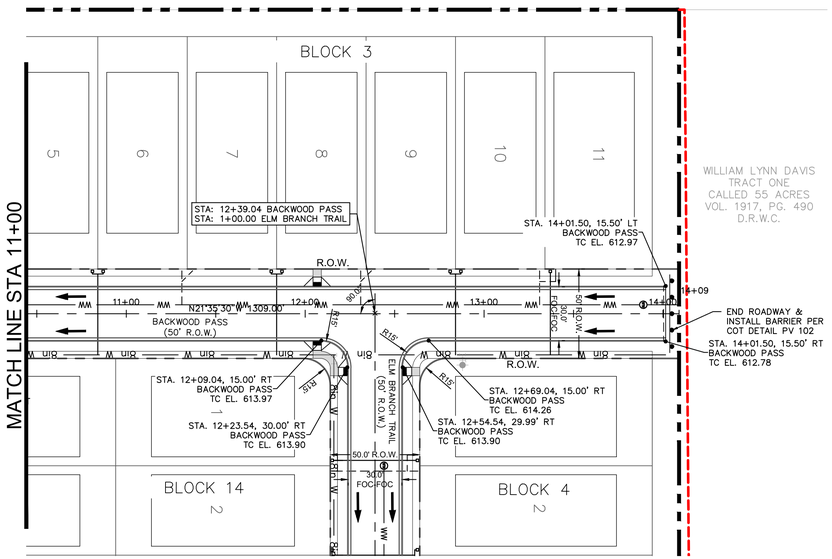
Plotted By:Hansen, Matthew Date:October 16, 2020 03:17:40pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

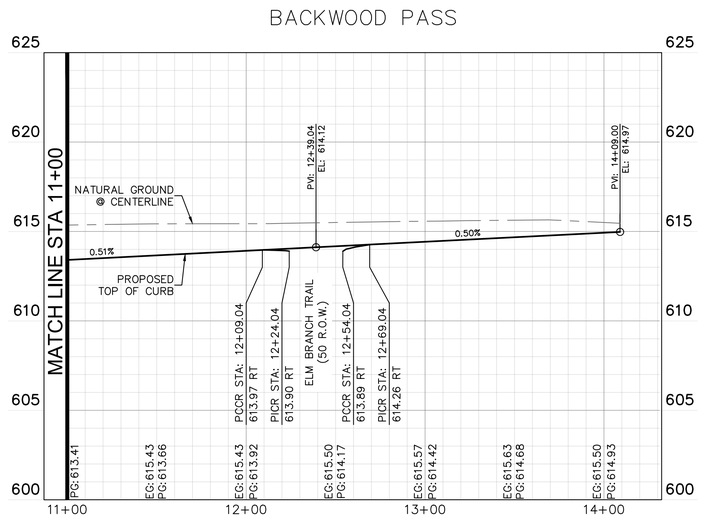


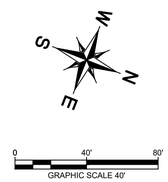
BACKWOOD PASS



| | | |







PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800	DATE JANUARY 2020	SCALE: AS SHOWN	DESIGNED BY: WB,DM	DRAWN BY: DM,WB	CHECKED BY: LC

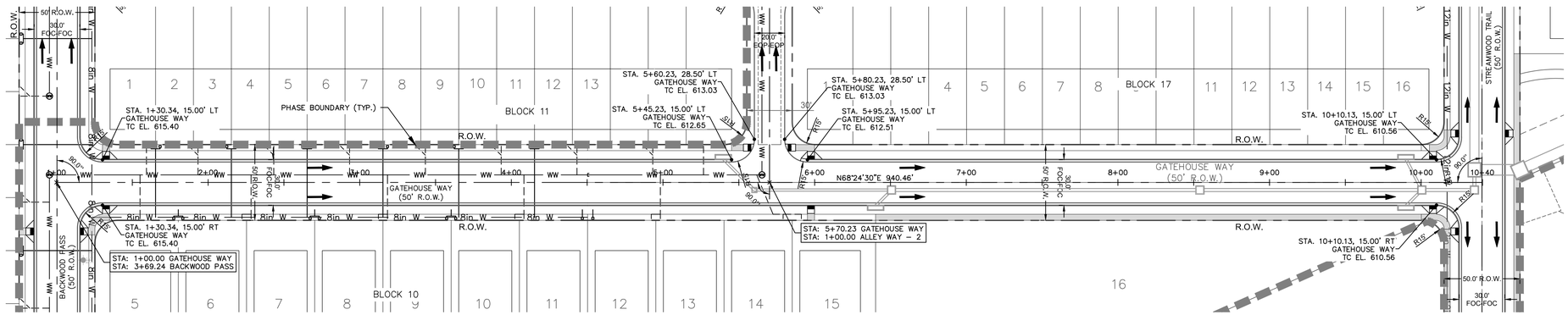
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

BACKWOOD PASS PLAN & PROFILE (2 OF 2)

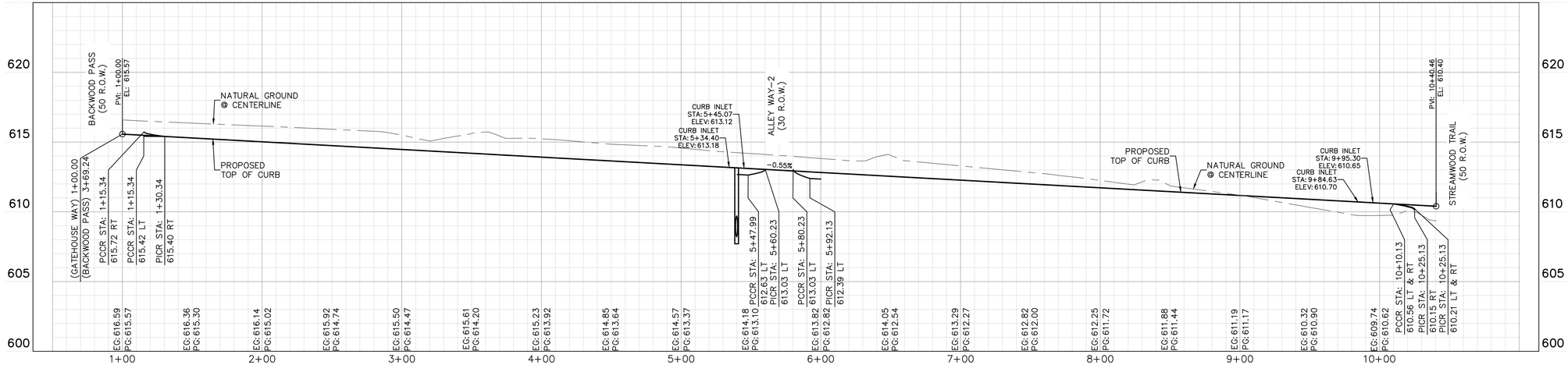
SHEET NUMBER
16 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:18:46pm File Path:K:\SAU_Civil\069278800_Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



GRAPHIC SCALE 40'

GATEHOUSE WAY



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

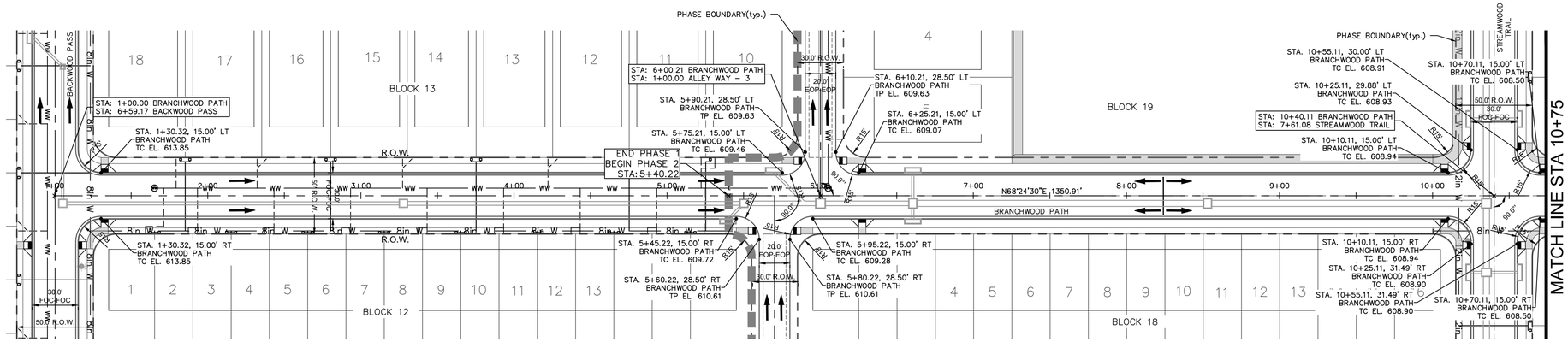
GATEHOUSE WAY PLAN & PROFILE

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

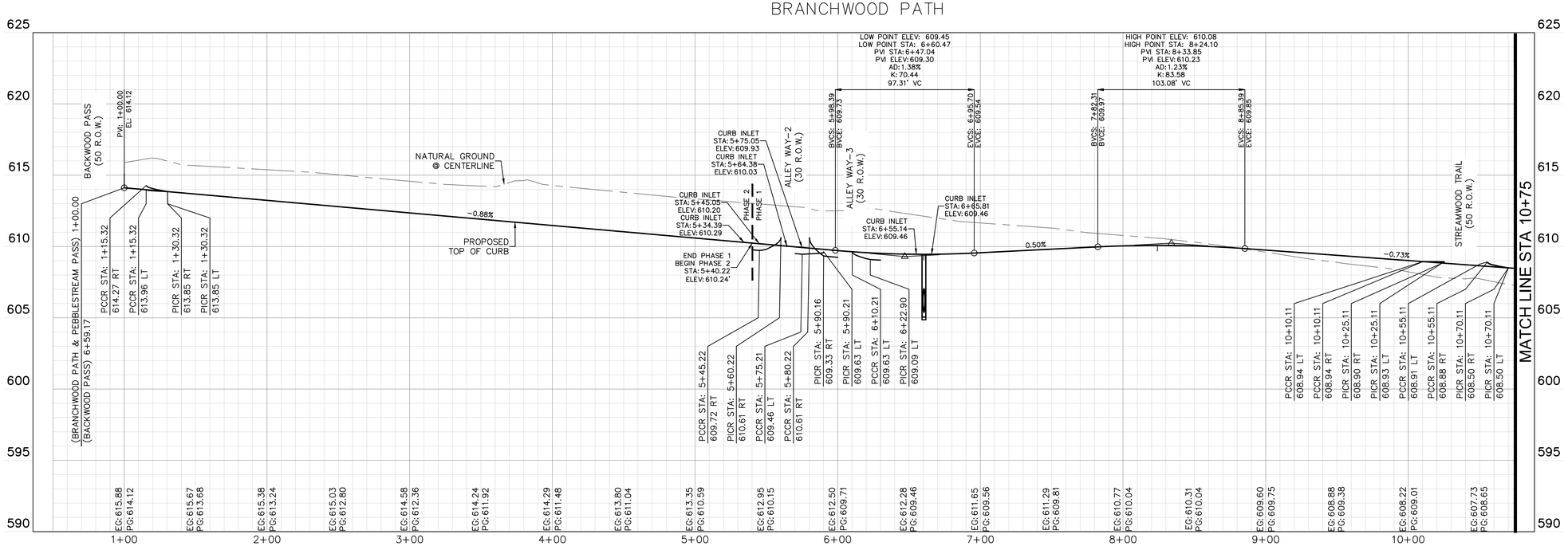
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
17 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:19:08pm File Path:K:\SAU_Civil\069278800_Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



BRANCHWOOD PATH



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

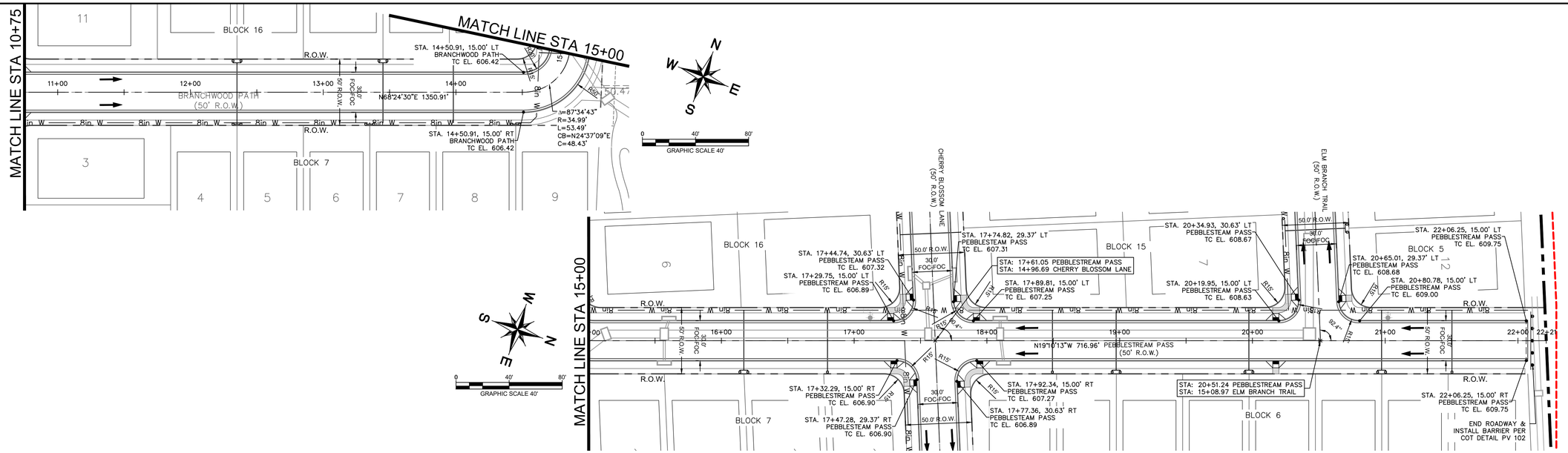
BRANCHWOOD PATH PLAN & PROFILE (1 OF 2)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

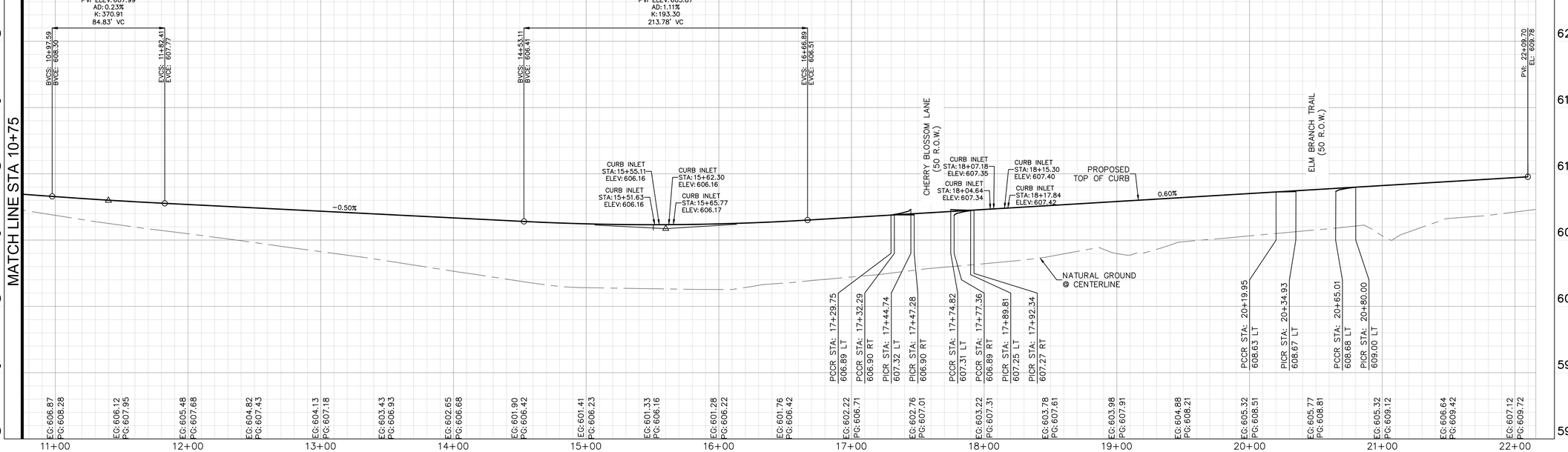
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
18 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:19:40pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



BRANCHWOOD PATH & PEBBLESTREAM PASS



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

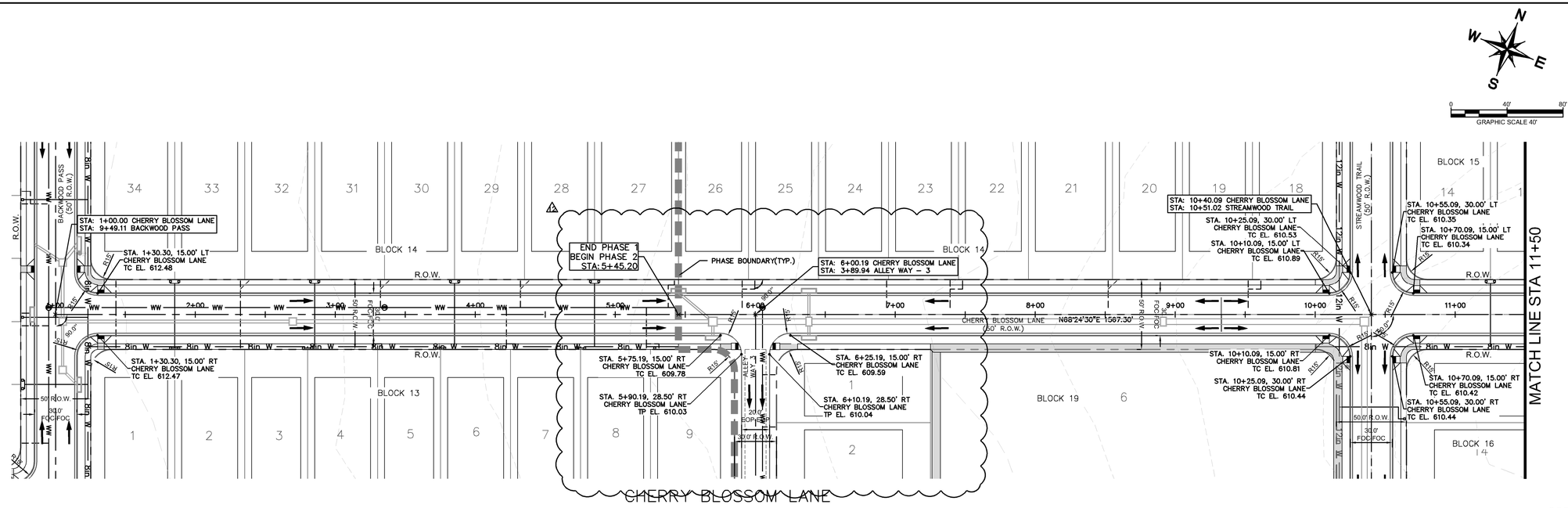
BRANCHWOOD PATH PLAN & PROFILE (2 OF 2)

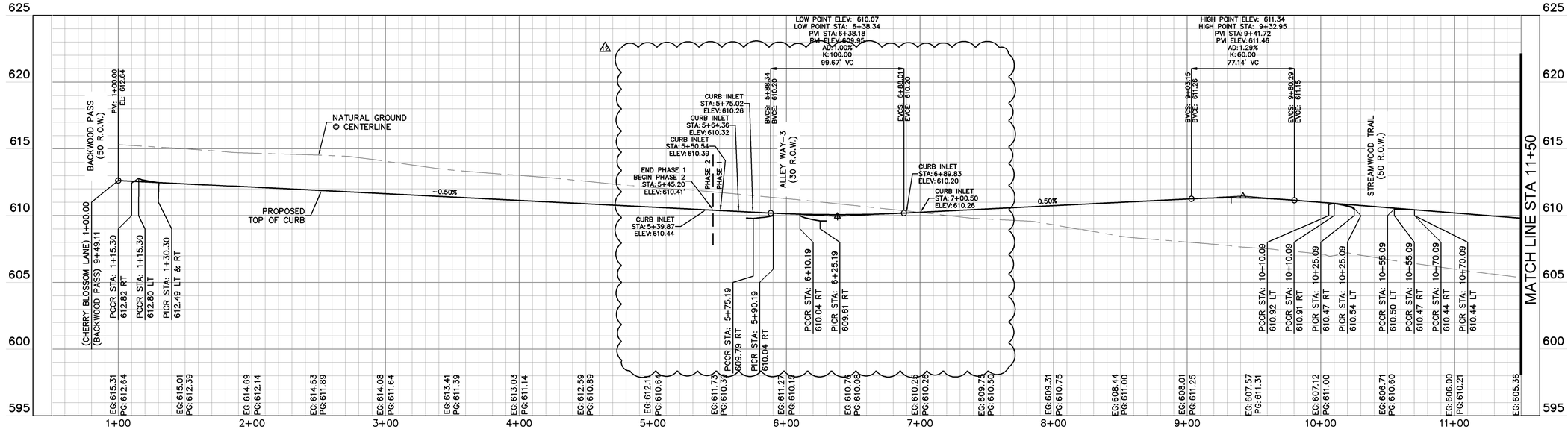
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
19 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:20:21pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY
12	INLET LOCATION REVISION	4/29/2021	MB

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.

2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
03/24/2021

KHA PROJECT 069278800	DESIGNED BY: WB,DM
DATE: JANUARY 2020	DRAWN BY: DM,WB
SCALE: AS SHOWN	CHECKED BY: LC

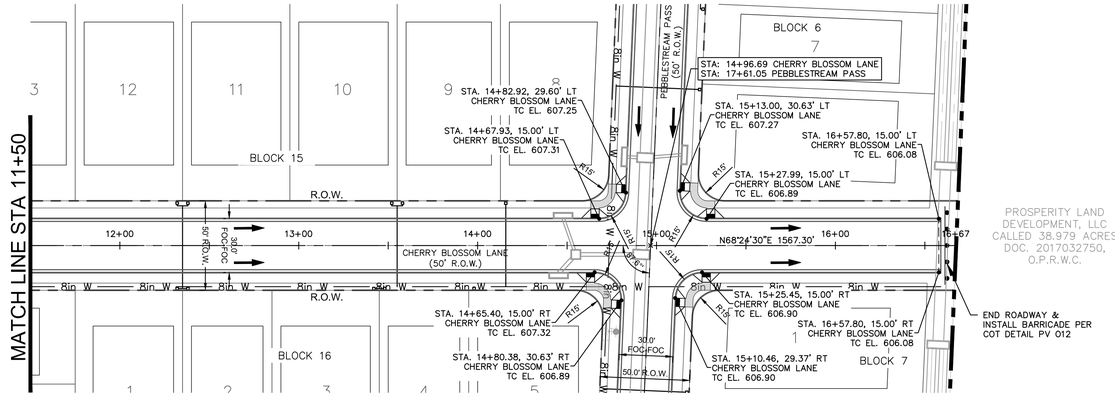
CHERRY BLOSSOM LANE PLAN & PROFILE (1 OF 2)

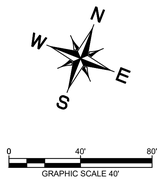
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

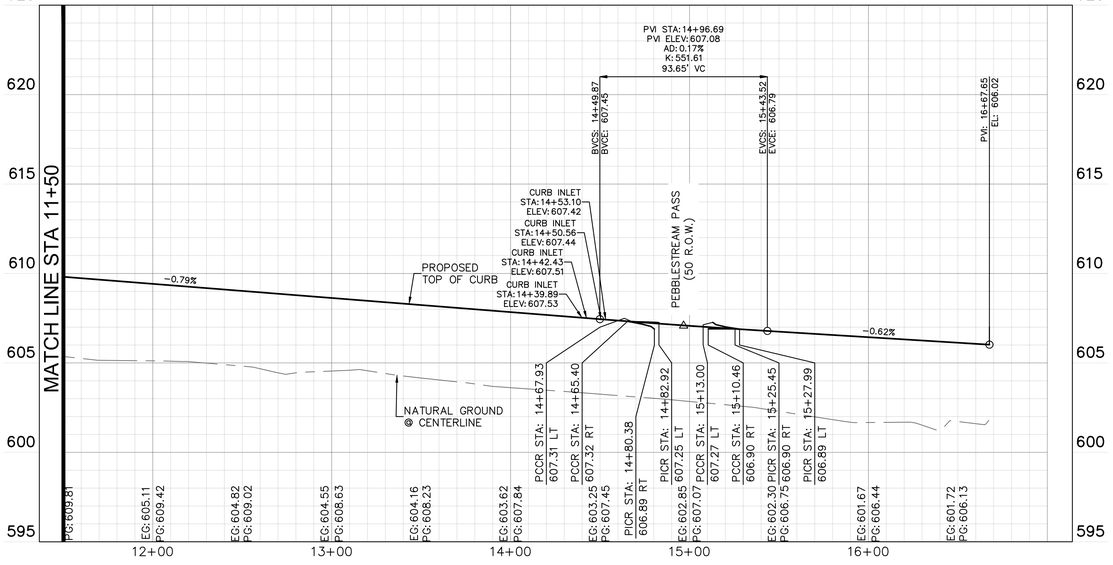
SHEET NUMBER
20 OF 108

Plotted By:Buzzelli, William Date:April 29, 2021 04:10:14pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





CHERRY BLOSSOM LANE



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

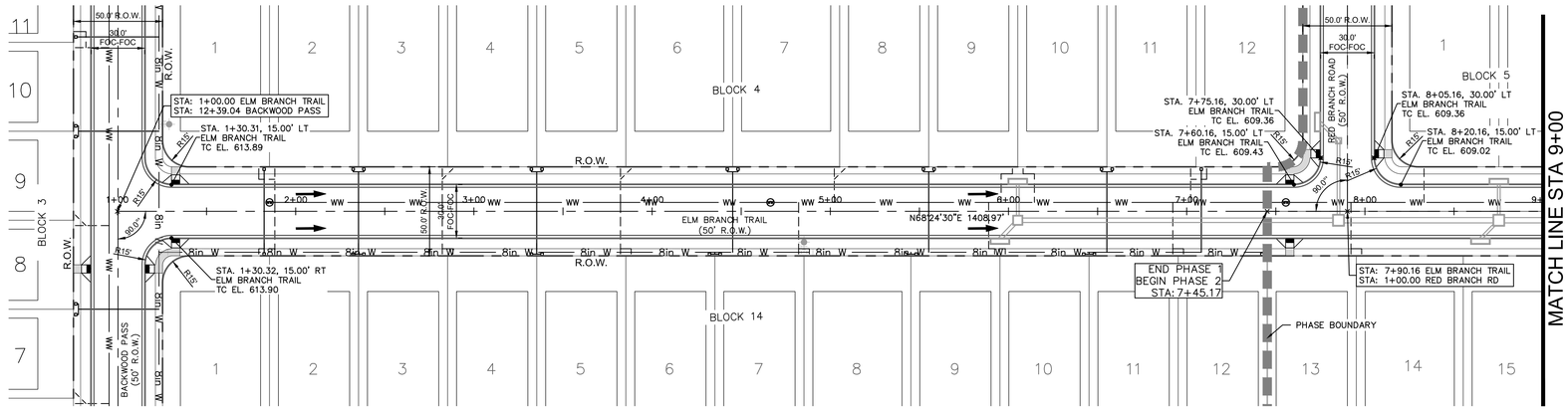
CHERRY BLOSSOM LANE PLAN & PROFILE (2 OF 2)

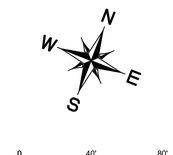
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

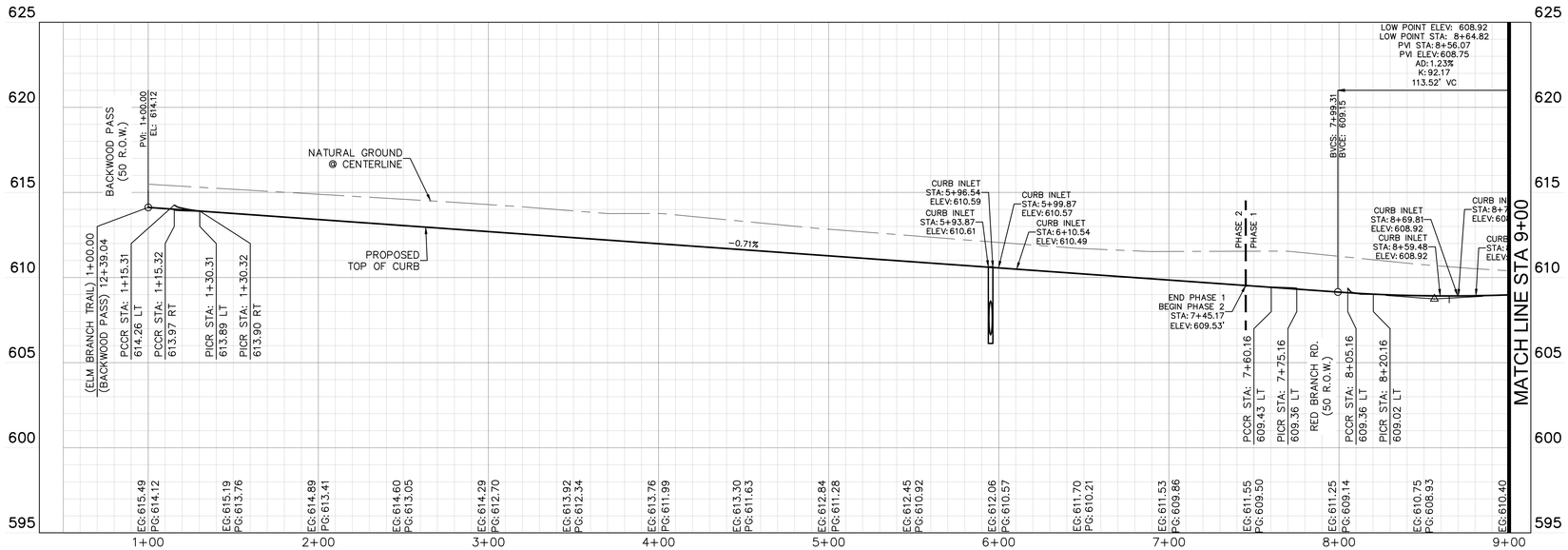
SHEET NUMBER
21 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:23:35pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





ELM BRANCH TRAIL



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

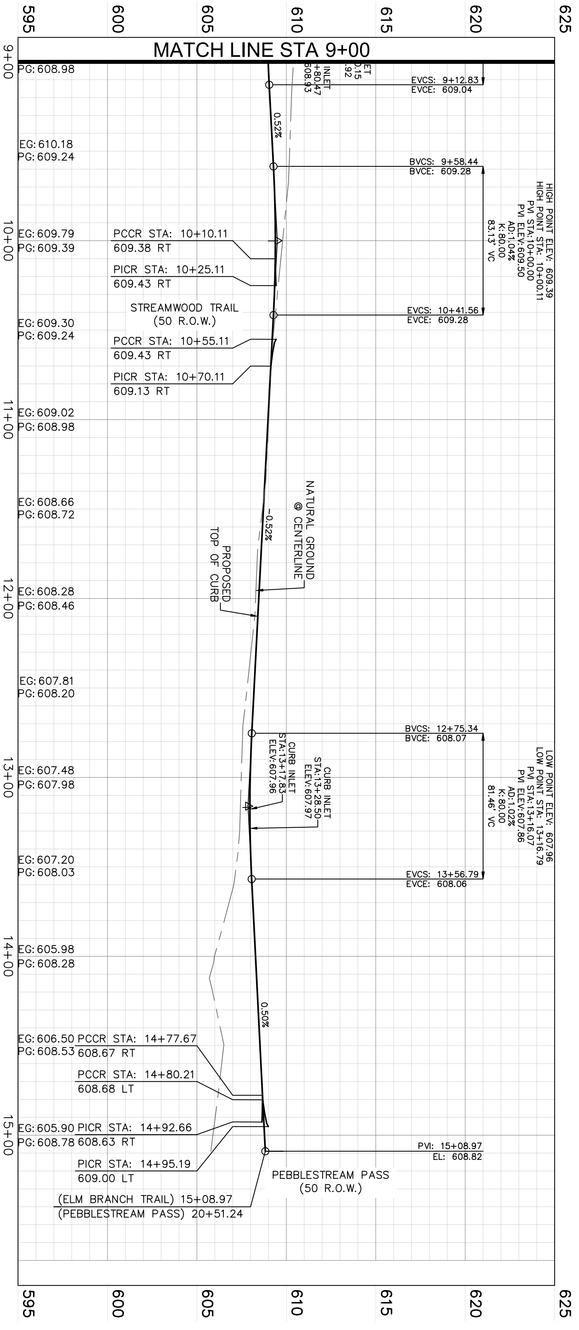
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

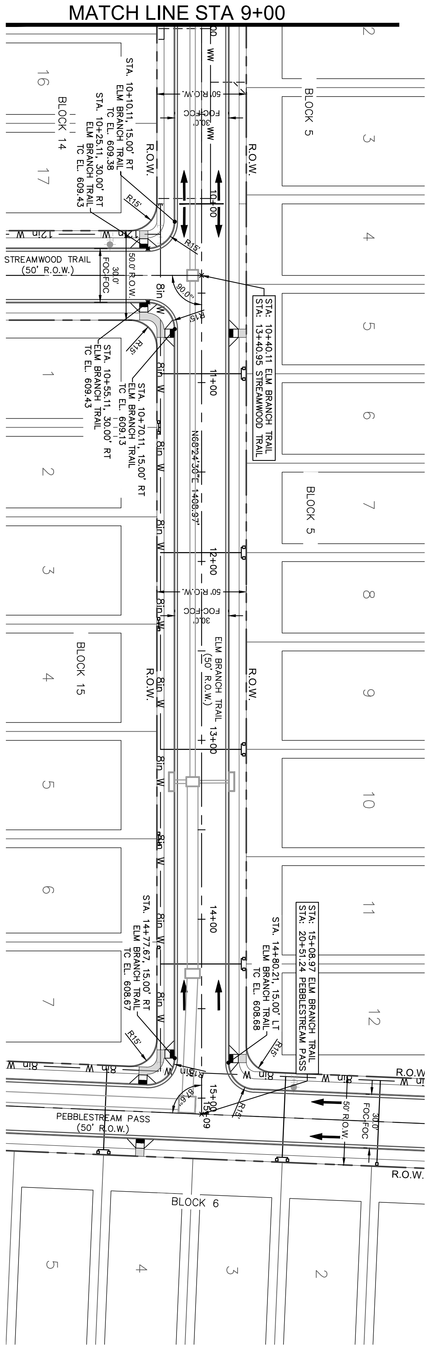
ELM BRANCH TRAIL PLAN & PROFILE (1 OF 2)

SHEET NUMBER
22 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:24:08pm File Path:K:\SAU_Civil\069278800_Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Hansen, Matthew Date:October 16, 2020 03:24:42pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

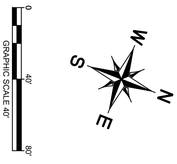




PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

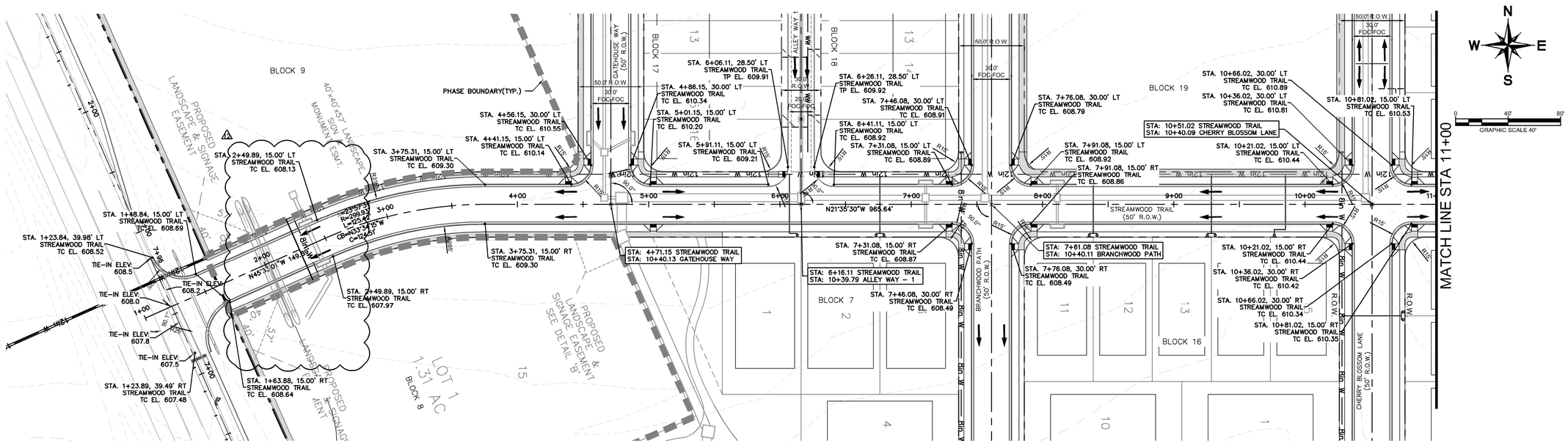
BENCHMARKS

IRON ROD SET IN ASPHALT
ROAD, NORTH R.O.W. OF
FM 971, ELEV. 616.96

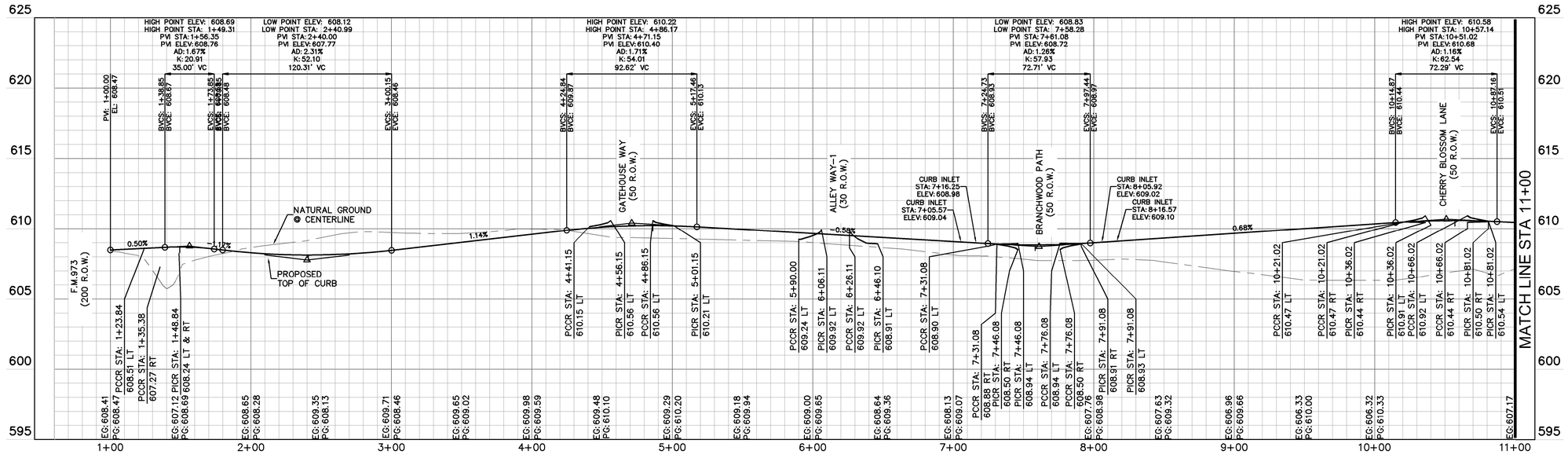


SHEET NUMBER 23 OF 108	CASTLEWOOD SINGLE FAMILY PHASE 1 & 2 CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS	ELM BRANCH TRAIL PLAN & PROFILE (2 OF 2)	KHA PROJECT 069278800 DATE JANUARY 2020 SCALE: AS SHOWN DESIGNED BY: WB,DM DRAWN BY: DM,WB CHECKED BY: LC	STATE OF TEXAS LUKE W. CHRAMAY 125677 LICENSED PROFESSIONAL ENGINEER 10/16/2020	Kimley»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746 PHONE: 512-646-22371 WWW.KIMLEY-HORN.COM TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY



STREAMWOOD TRAIL



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY
12	INLET LOCATION REVISION	4/29/2021	MB

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.

2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
03/24/2021

KHA PROJECT 069278800
DATE: JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

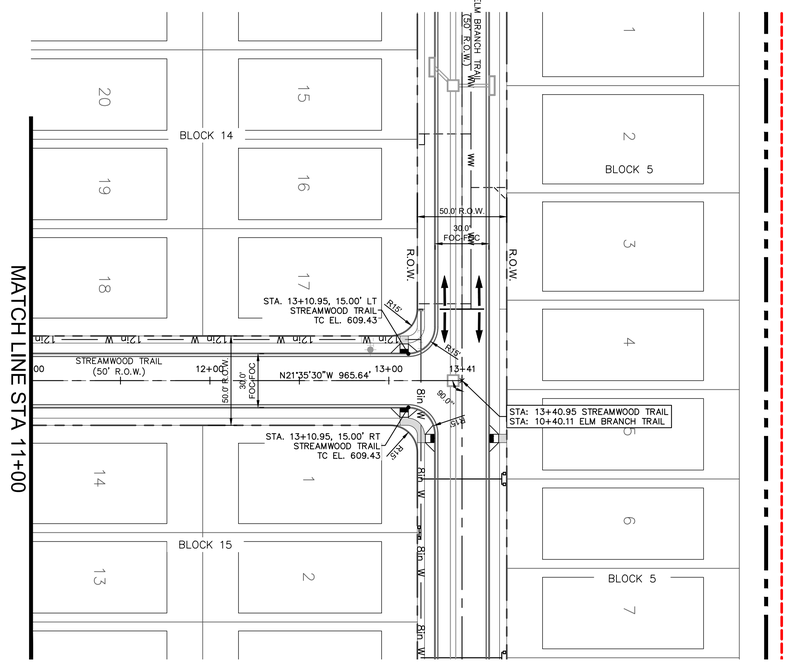
STREAMWOOD TRAIL PLAN & PROFILE (1 OF 2)

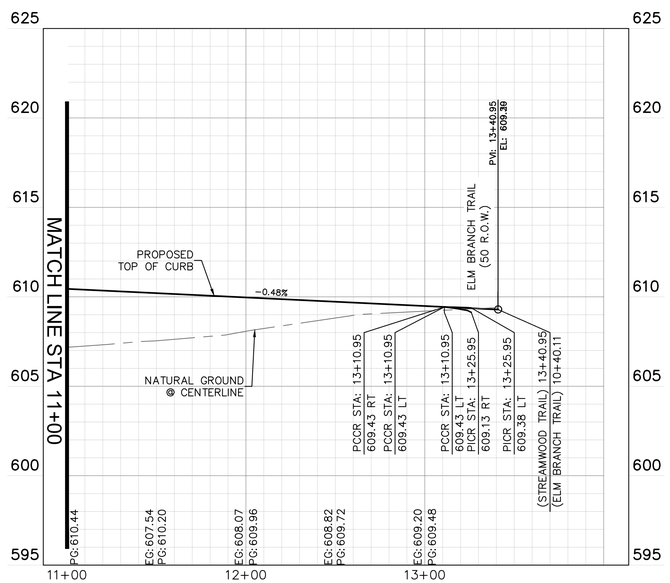
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

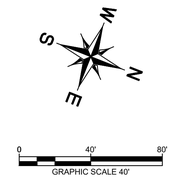
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
24 OF 108

Plotted By:Buzzell, William Date: April 29, 2021 04:03:19pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
Xref Scenario: Name: Xrefs Attached Xrefs to a Drawing are for specific purposes and limits. Do not edit. Xrefs preserved. Proper permissions must be obtained for use.







PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

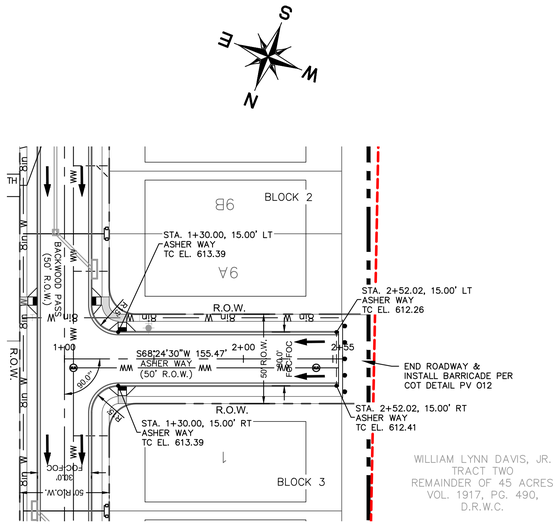
STREAMWOOD TRAIL PLAN & PROFILE (2 OF 2)

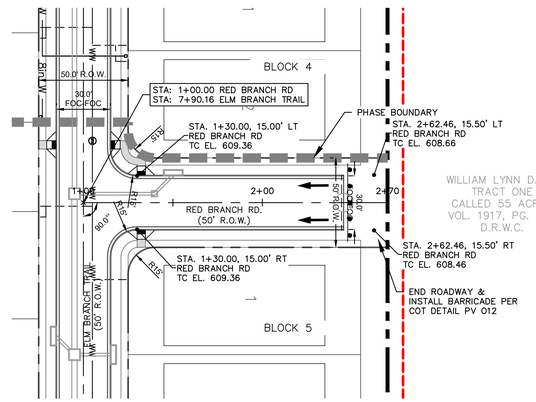
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

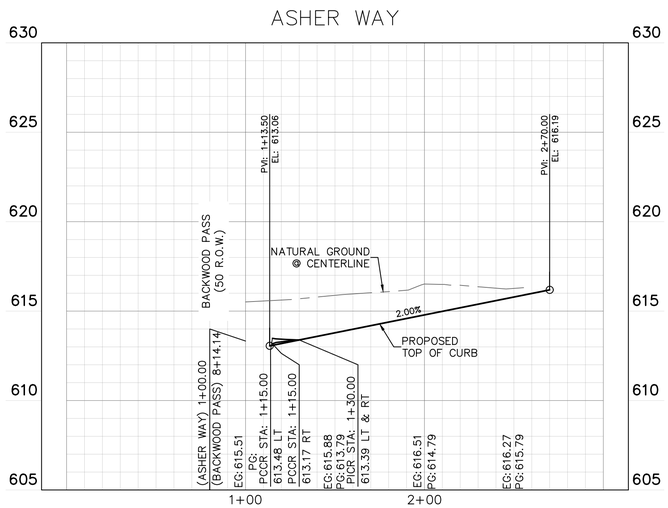
SHEET NUMBER
25 OF 108

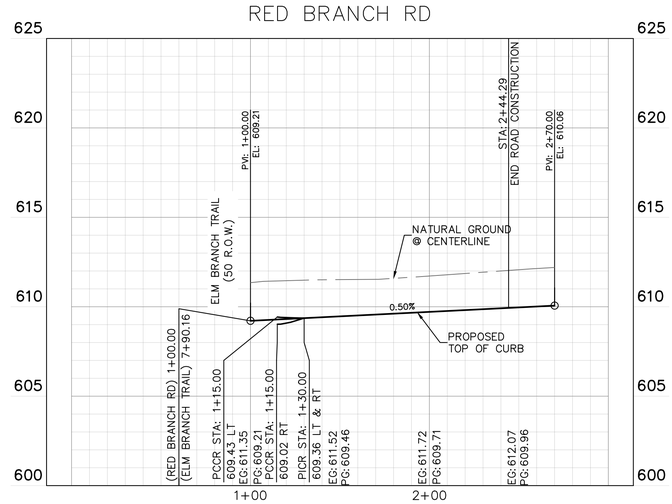
Plotted By:Hansen, Matthew Date:October 16, 2020 03:25:46pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





0 40' 80'
GRAPHIC SCALE 40'





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

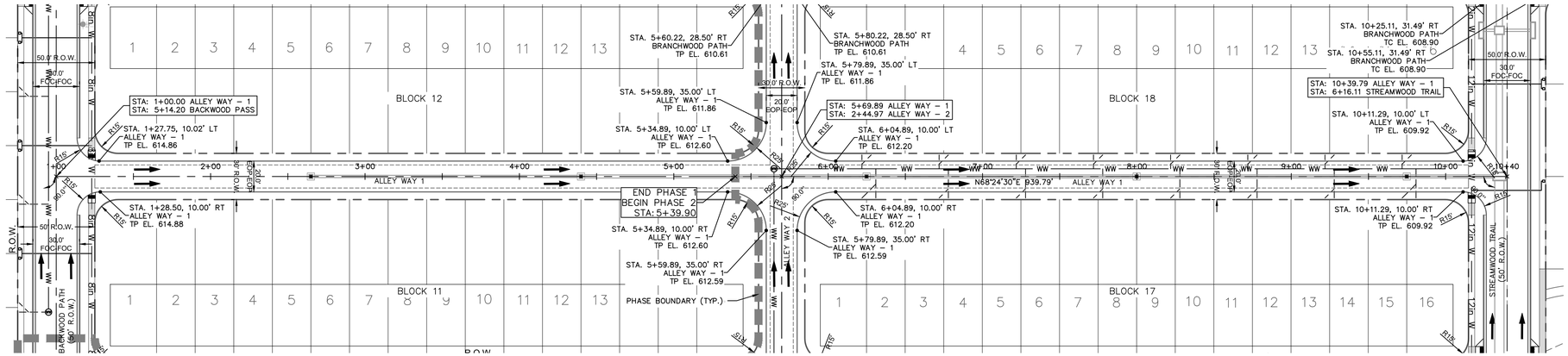
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

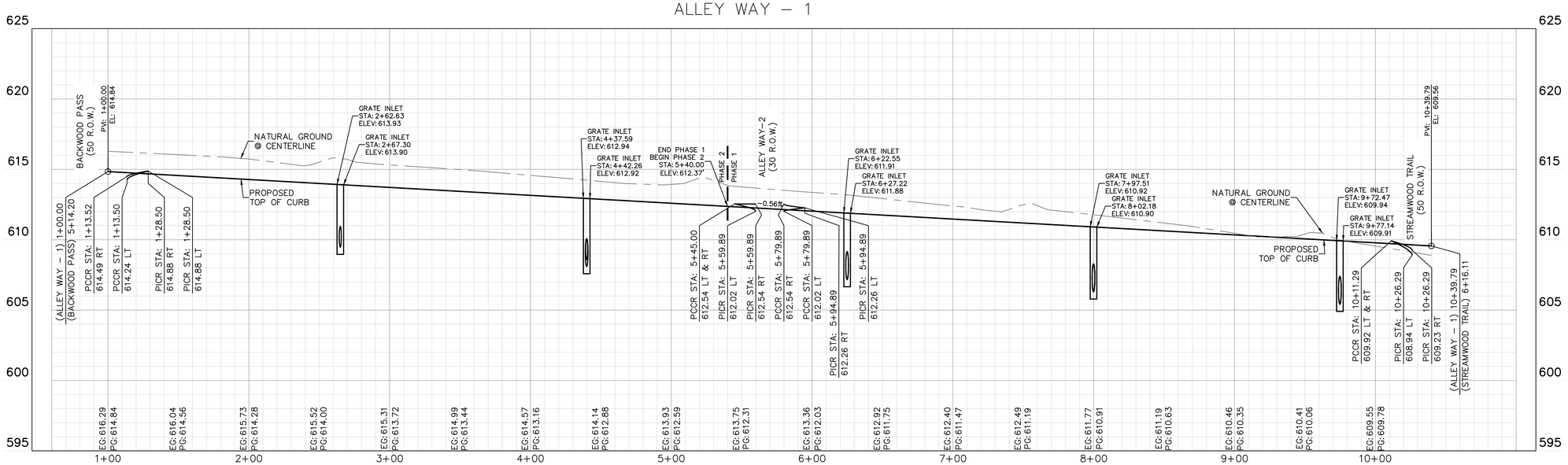
ASHER & RED BRANCH RD PLAN & PROFILE

SHEET NUMBER
26 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:26:18pm File Path:K:\SAU_Civil\069278800_Castlewood_Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



ALLEY WAY – 1



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

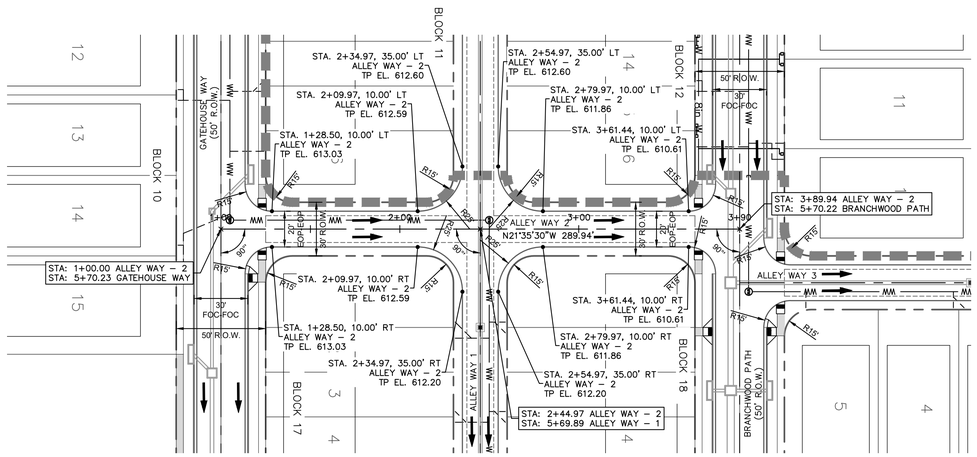
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

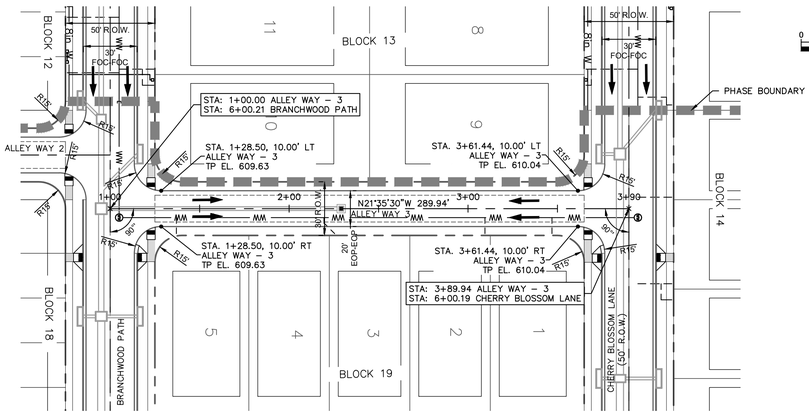
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

ALLEY WAY-1 PLAN & PROFILE

SHEET NUMBER
27 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:26:40pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

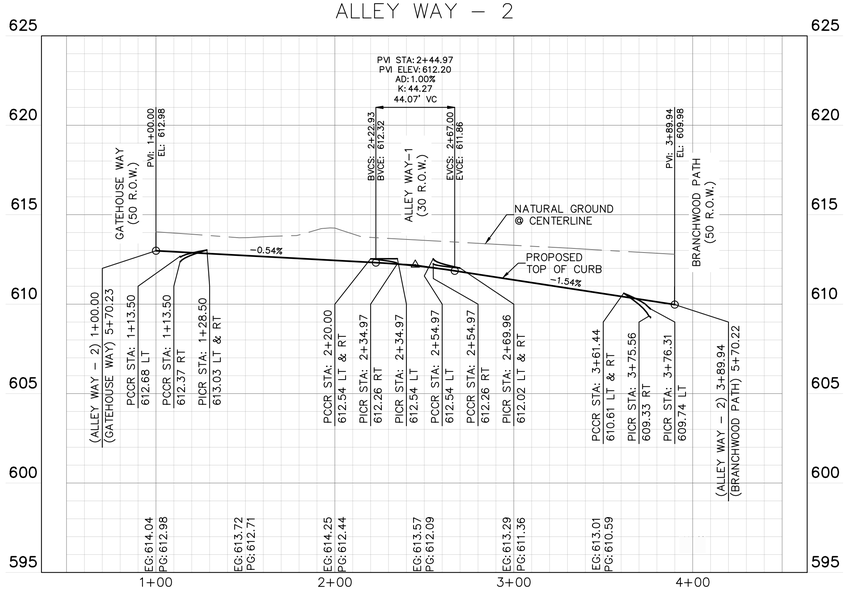




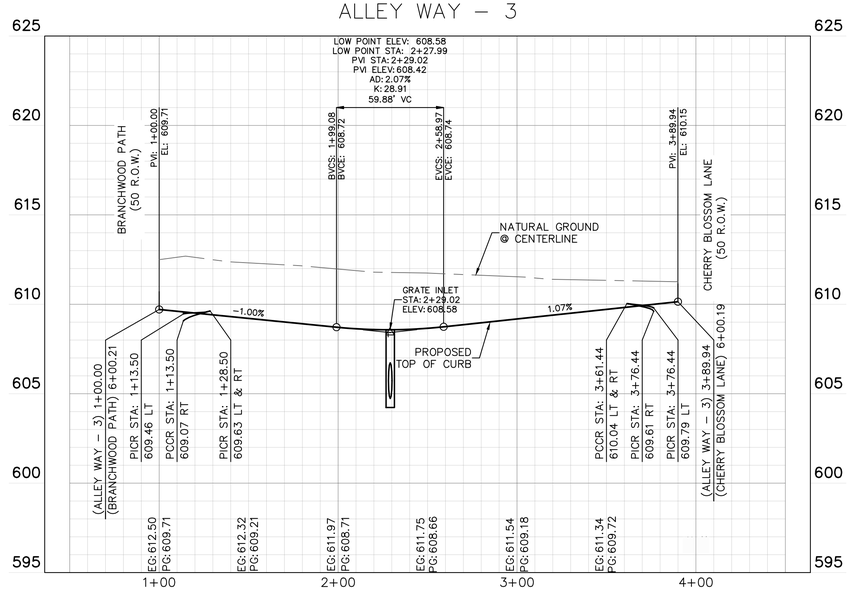


0 40' 80'
GRAPHIC SCALE 40'

ALLEY WAY – 2



ALLEY WAY – 3



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

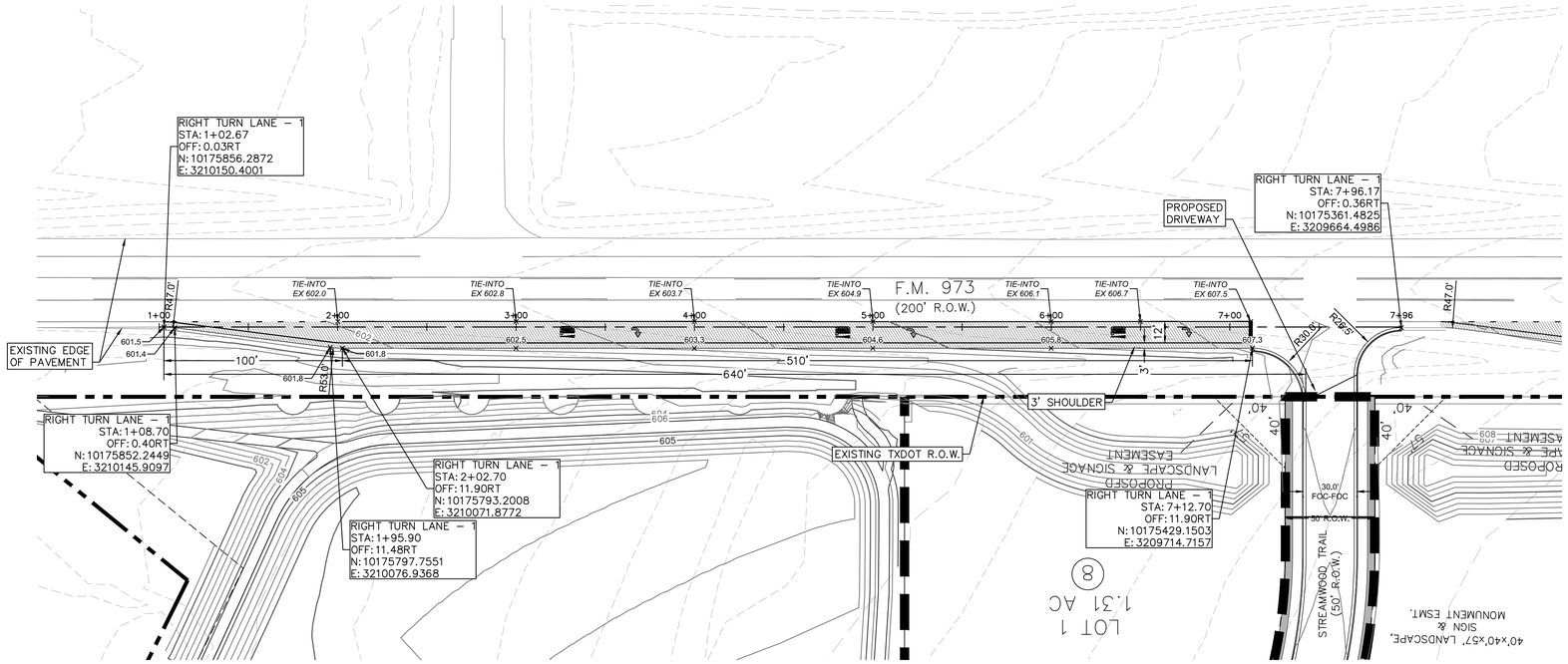
ALLEY WAY-2 & 3 PLAN & PROFILE

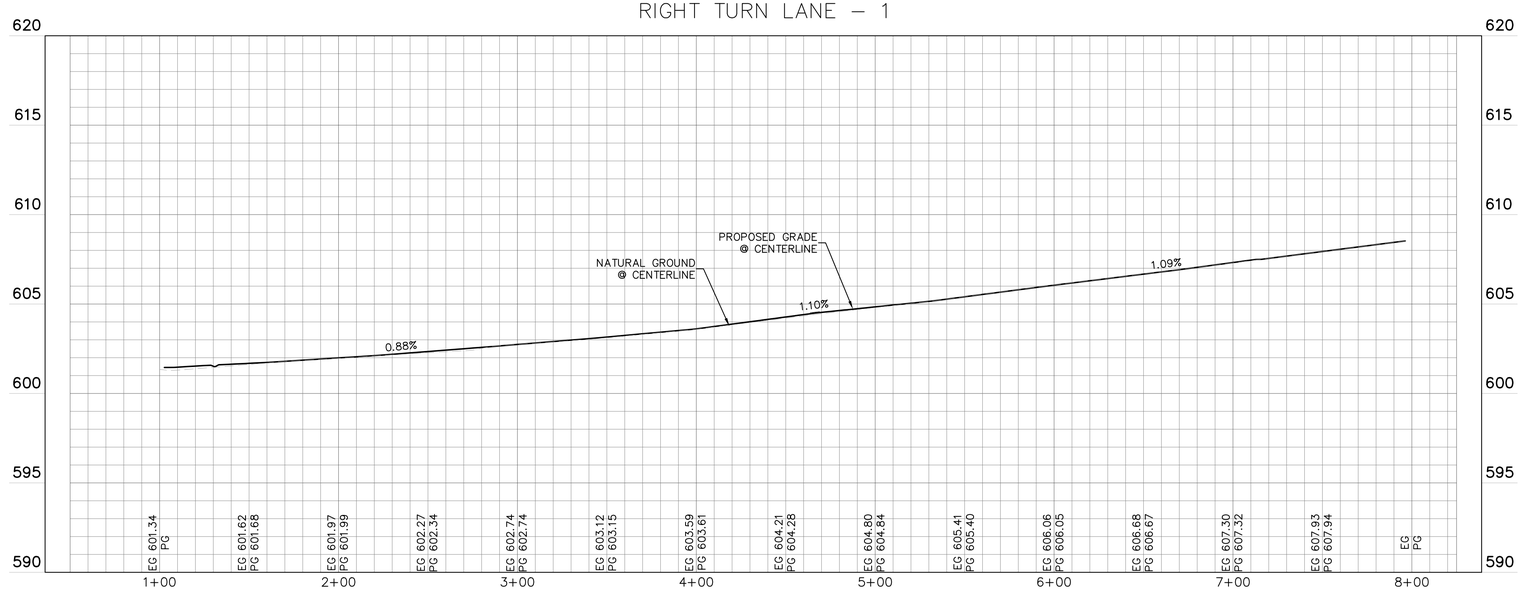
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
28 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:27:12pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving P&P.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL



0 40' 80'
GRAPHIC SCALE 40'

LEGEND

- PROPERTY BOUNDARY LINE
- 580 PROPOSED CONTOURS
- 580 EXISTING CONTOURS
- PROPOSED PAVEMENT

NOTE:
1. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION.

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB, DM
DRAWN BY:	DM, WB
CHECKED BY:	LC

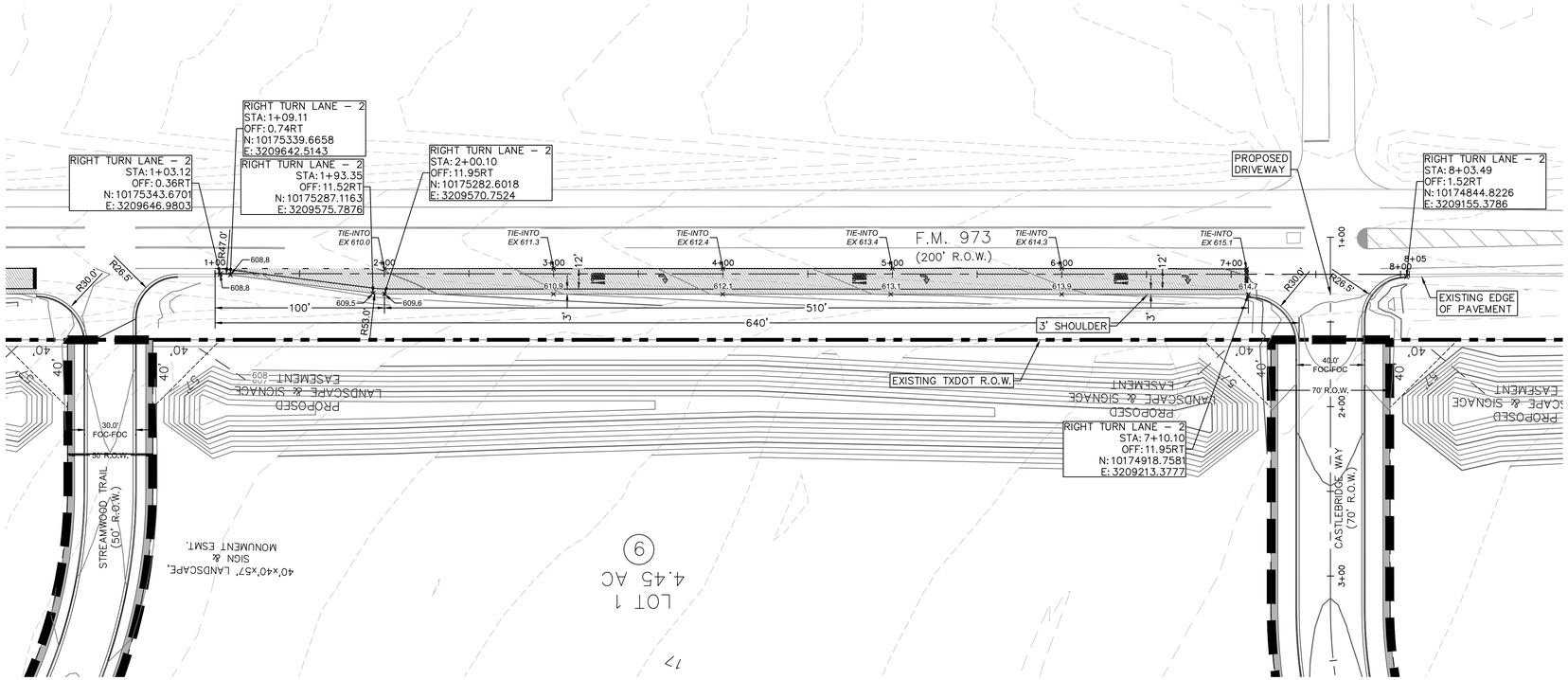
RIGHT TURN LANE - 1

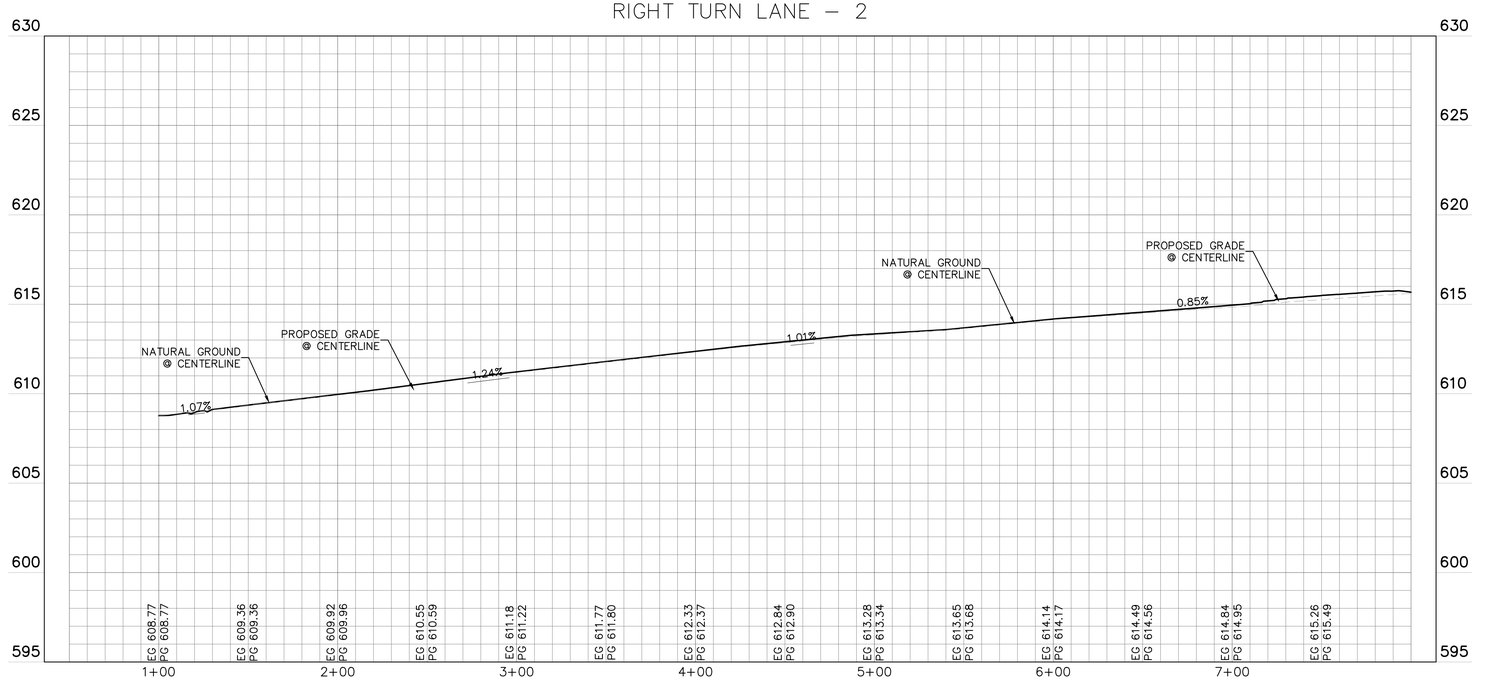
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
29 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:28:40pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Right Turn Lane Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







LEGEND

- PROPERTY BOUNDARY LINE
- 580 PROPOSED CONTOURS
- 580 EXISTING CONTOURS
- PROPOSED PAVEMENT

NOTE:
1. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION.

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM, WB
CHECKED BY: LC

RIGHT TURN LANE - 2

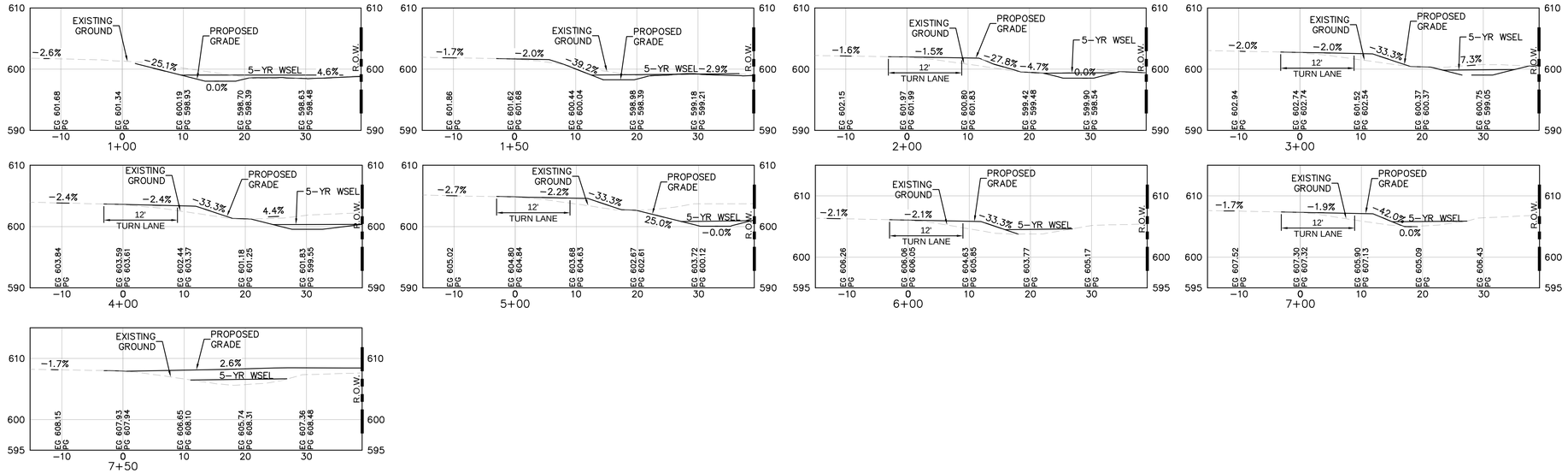
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

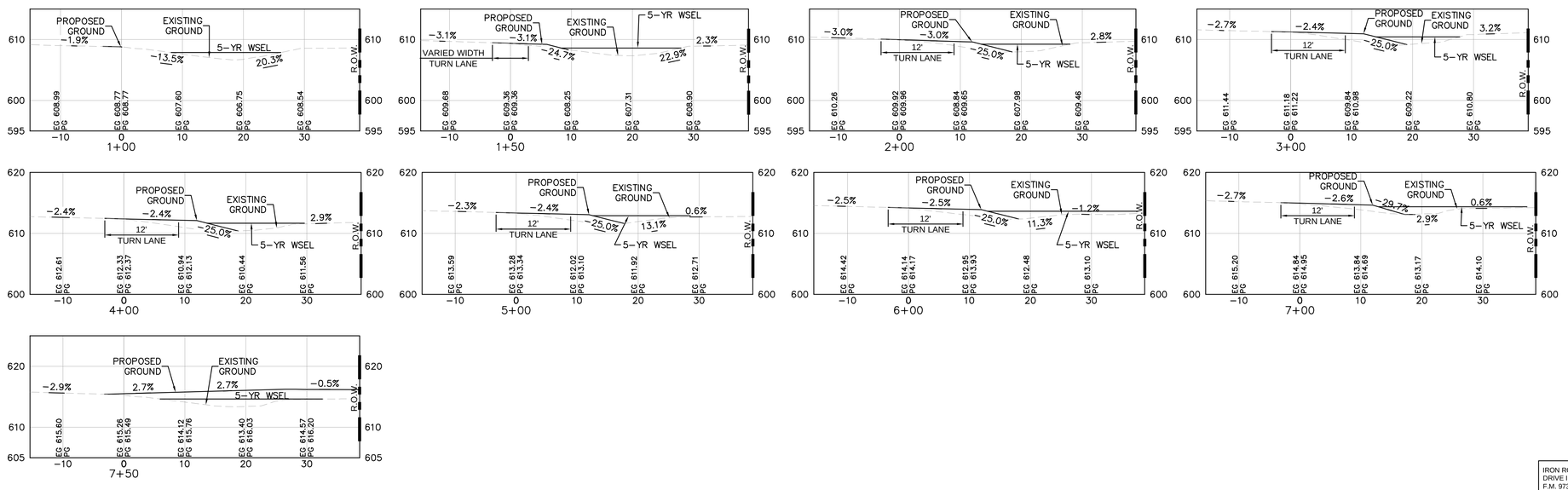
SHEET NUMBER
30 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:28:52pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Right Turn Lane Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

RIGHT TURN LANE - 1 CROSS SECTIONS



RIGHT TURN LANE - 2 CROSS SECTIONS



BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.

2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/27/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

RIGHT TURN LANE
CROSS SECTIONS

CASTLEWOOD
SINGLE FAMILY
PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
31 OF108

Plotted By: Buzzelli, William Date: October 27, 2020 03:40:53pm File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Right Turn Lane_Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



N
W E
S

0 200' 400'
GRAPHIC SCALE 200'

LEGEND

X-1 / X ac	AREA DESIGNATOR / AREA IN ACRES
	PROPERTY LINE
	PROPOSED DRAINAGE DIVIDE
	TIME OF CONCENTRATION PATH
	PROPOSED FLOW DIRECTION
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

NOTE:
1. DRAINAGE CALCULATIONS ASSUME VALUES PER NOAA ATLAS 14 VOLUME 11 VERSION 2 DATA FOR BRUSHY CREEK WATERSHED PER TAYLOR ENGINEERING MANUAL CHAPTER 6.
2. FILL TO BE COMPACTED TO A 95% STD PROCTOR DENSITY.

POINT OF ANALYSIS

	PRE (CFS)	PROP FB (CFS)	PROP NC (CFS)
2–YR	279.09	264.15	257.06
10–YR	488.34	473.23	470.03
25–YR	626.07	610.78	615.46
100–YR	853.17	835.59	845.74

CASTLEWOOD SUBDIVISION

Existing Conditions

2 yr. Rainfall, (in.) 3.97
Jurisdiction City of Taylor

TIME OF CONCENTRATION

	Sheet Flow				Shallow Concentrated Flow				Shallow Concentrated Flow				Channel Flow			Actual	Design	
					Unpaved				Paved									
DRAINAGE AREA (DA)	n	S	L	T_{ti}	L	S	V	T_{ti}	L	S	V	T_{ti}	V	L	T_{ti}	T_c, min.	T_c, min.	T_c, min.
DA #1/OS-A1 (77.56 AC)	0.2	0.005	100	19.3	1000	0.009	1.93	8.64	0.00	0.02	2.87	0	6.00	1081	3.00	30.92	30.92	18.55
OS-B1 (39.07 AC)	0.2	0.005	100	19.3	1000	0.008	1.44	11.55	0.00	0.02	1.82	0	6.00	4000	11.11	41.94	41.94	25.16
OS-C1 (35.59 AC)	0.2	0.006	100	17.9	1000	0.01	1.61	10.33	0.00	0.02	2.03	0	6.00	813	2.26	30.51	30.51	18.31

DRAINAGE SUMMARY

							SCS Curve Number				Peak Flow, cfs.				
Drainage Area ID	Area (Ac.)	Area (Sq Miles)	Impervious %	Impervious Area (Ac.)	Impervious CN	Pervious Area (Ac.)	Pervious CN	CN	T_c, min.	T_t, min.	Q_2 Yr.	Q_{10} Yr.	Q_{25} Yr.	Q_{100} Yr.	Q_{500} Yr.
DA #1 & OS-A1	77.56	0.121	0%	0.00	84	77.56	84	84	30.9	18.55	148.31	261.97	336.81	458.68	-
OS-B1	39.07	0.061	0%	0.00	84	39.07	84	84	41.9	25.16	64.53	113.44	145.79	198.45	-
OS-C1	35.59	0.056	0%	0.00	84	35.59	84	84	30.5	18.31	69.27	122.25	157.11	213.87	-
POINT OF ANALYSIS	-		-	-	-	-	-	-	-	-	279.09	488.34	626.07	853.17	1144.60

500–YR STORM FOR TXDOT REVIEW ONLY

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY–HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512–646–2237I
WWW.KIMLEY–HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F–928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/27/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

EXISTING DRAINAGE AREA MAP

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
32 OF 108

Plotted By:Buzzelli, William Date:October 28, 2020 08:57:42am File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Existing Drainage Area Map.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

TXDOT CULVERT GLOBAL DRAINAGE AREAS

Castlewood TxDOT Drainage Conveyance Calculations
Time of Concentration Calculations, min.

2 yr. Rainfall, (in.) 3.97

Jurisdiction City of Taylor

	AREA (ACRES)	Sheet Flow				Shallow Concentrated Flow Unpaved				Shallow Concentrated Flow Paved				Channel Flow				Actual	Design
DRAINAGE AREA (DA)		n	S	L	T_t	L	S	V	T_t	L	S	V	T_t	V	L	T_t		T_c, min.	T_c, min.
TxDOT C1 (2.49 AC)	2.49	0.035	0.2	20	0.2	0	0	0.00	0	0	0	0.00	0	6.0	2756	7.66		7.8	10.0
TxDOT C2 (0.88 AC)	3.37	0.035	0.2	20	0.2	0	0	0.00	0	0	0	0.00	0	6.0	950	2.64		2.8	10.0
OS-B1 (39.07 AC)	39.07	0.2	0.005	100	19.3	1000	0.008	1.44	11.55	0	0	0.00	0	6.0	4000	11.11		41.0	41.9

Flow Summary

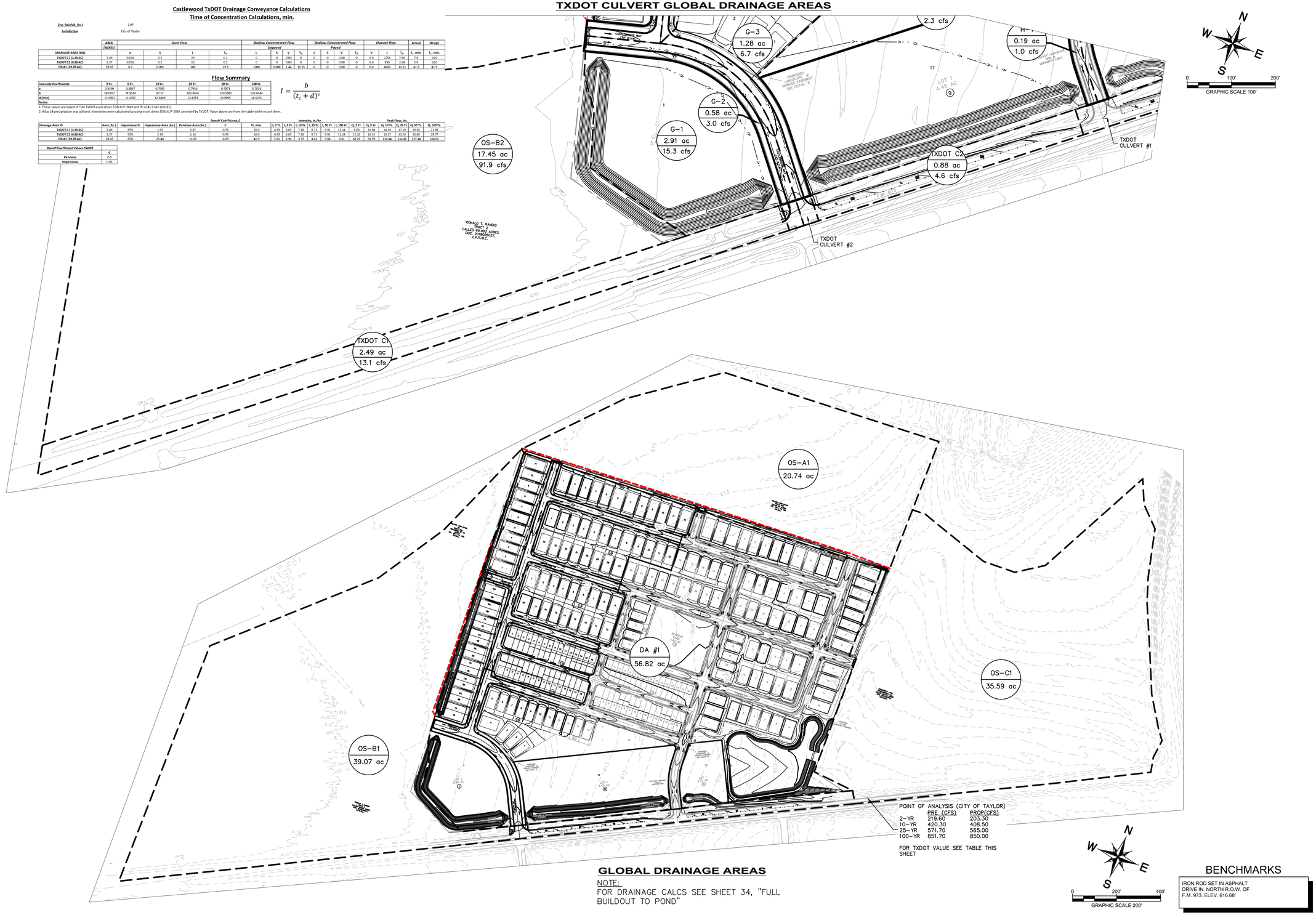
Intensity Coefficients	2 Yr.	5 Yr.	10 Yr.	25 Yr.	50 Yr.	100 Yr.
a	0.8199	0.8007	0.7995	0.7919	0.7871	0.7824
b	58.0957	74.5024	87.57	105.8655	120.5981	136.6548
d (min)	12.0992	12.4782	12.6449	13.4283	13.9095	14.6225
Notes:						

$$I = \frac{b}{(t_c + d)^e}$$

1. These values are based off the TxDOT excel sheet (TDBLIGP-2009 and T_t of 41.9 min (OS-B1)
2. Atlas 14 precipitation was utilized. Intensities were calculated by using excel sheet (TDBLIGP-2019, provided by TxDOT. Value above are from the table within excel sheet.

Drainage Area ID	Area (Ac.)	Impervious %	Impervious Area (Ac.)	Pervious Area (Ac.)	Runoff Coefficient, C	T_c, min.	Intensity, in./hr. I, 2 Yr.	I, 5 Yr.	I, 10 Yr.	I, 25 Yr.	I, 50 Yr.	I, 100 Yr.	Peak Flow, cfs. Q_p, 2 Yr.	Q_p, 5 Yr.	Q_p, 10 Yr.	Q_p, 25 Yr.	Q_p, 50 Yr.	Q_p, 100 Yr.
TxDOT C1 (2.49 AC)	2.49	65%	1.62	0.87	0.79	10.0	4.59	6.05	7.18	8.71	9.91	11.14	9.06	11.94	14.15	17.19	19.56	21.99
TxDOT C2 (0.88 AC)	3.37	65%	2.19	1.18	0.79	10.0	4.59	6.05	7.18	8.71	9.91	11.14	12.26	16.16	19.17	23.26	26.46	29.77
OS-B1 (39.07 AC)	39.07	65%	25.40	13.67	0.79	41.9	2.21	2.96	3.57	4.41	5.08	5.81	68.29	91.79	110.48	136.49	157.44	180.02

Runoff Coefficient Values TxDOT	C
Pervious	0.5
Impervious	0.95



POINT OF ANALYSIS (CITY OF TAYLOR)

	PRE (CFS)	PROP(CFS)
2-YR	219.60	203.30
10-YR	420.30	408.50
25-YR	571.70	565.00
100-YR	851.70	850.00

FOR TXDOT VALUE SEE TABLE THIS SHEET

GLOBAL DRAINAGE AREAS

NOTE:
FOR DRAINAGE CALCS SEE SHEET 34, "FULL BUILDOUT TO POND"

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

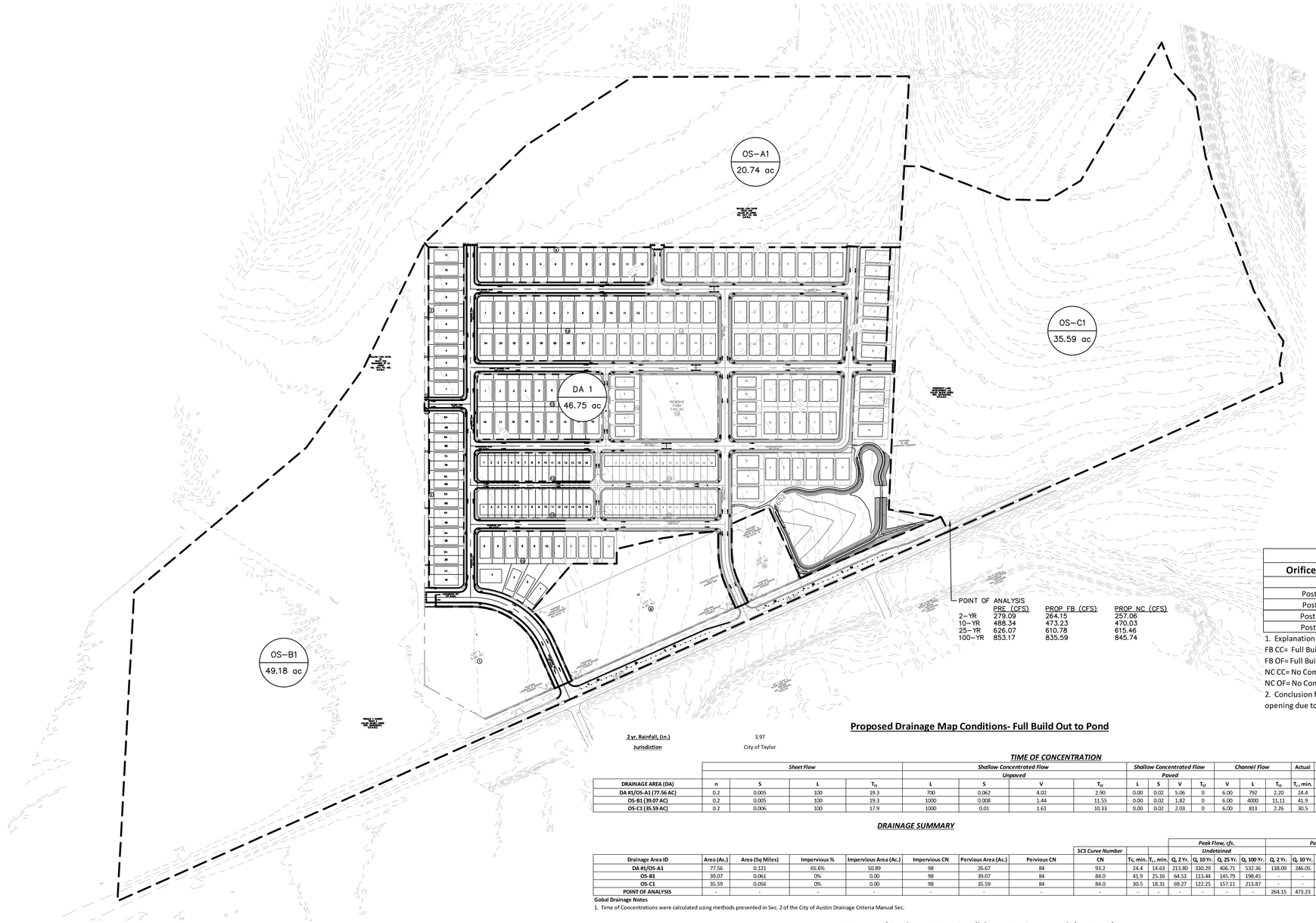
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

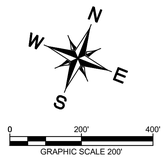
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

PROPOSED OVERALL DRAINAGE MAP

SHEET NUMBER
33 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:32:01pm File Path:K:\SAU_Civil\069278800_Castlewood Single Family\Cad\PlanSheets\C-Proposed Drainage Area Map.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and its affiliates is prohibited.





LEGEND

X-1 / X ac	AREA DESIGNATOR / AREA IN ACRES
	PROPERTY LINE
	PROPOSED DRAINAGE DIVIDE
2.07%	PROPOSED FLOW DIRECTION/SLOPE
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

NOTE:
1. DRAINAGE CALCULATIONS ASSUME VALUES PER NOAA ATLAS 14 VOLUME 11 VERSION 2 DATA FOR BRUSHY CREEK WATERSHED PER TAYLOR ENGINEERING MANUAL CHAPTER 6.
2. FILL TO BE COMPACTED TO A 95% STD PROCTOR DENSITY.

Castelwood Subdivision

Orifice Flow vs. Culvert Check Comparison (DA#1/OS-A1)

	2 yr.	10 yr.	25 yr.	100 yr.
Post-Developed FB CC	138.09	246.05	313.92	431.51
Post Developed FB OF	148.67	238.76	303.25	415.01
Post -Developed NC CC	114.09	213.44	280.80	389.92
Post-Develoepd NC OF	133.72	207.14	267.63	374.3

1. Explanation of Hec-HMS Labels:
FB CC= Full Build Out Culvert Check
FB OF= Full Build Out Orifice Flow
NC CC= No Commercial Culvert Check
NC OF= No Commercial Orifice Flow
2. Conclusion from this analysis was to proceed with culvert modelling of the lower opening due to the fact that it releases flows faster in 6 out of 8 storms.

DA #1/OS-A1 Impervious Cover Summary

Full Build out	Area (Ac.)	Impervious Cover (Ac.)	% IC
Parks/Open Space	2.78	0.00	0%
Pond	3.52	0.00	0%
Commercial	10.11	8.09	80%
Single Family- DA #1	40.41	28.29	70%
Future Single Family OS-A1	20.74	14.52	70%
	77.56	**50.89**	**65.6%**

No Commercial	Area (Ac.)	Impervious Cover (Ac.)	% IC
Parks/Open Space	2.78	0.00	0%
Pond	3.52	0.00	0%
Single Family- DA #1	40.41	28.29	70%
Future Single Family OS-A1	20.74	14.54	70%
	67.45	**42.83**	**63.5%**

Proposed Drainage Map Conditions- Full Build Out to Pond

2 yr. Rainfall, (in.) 3.97
Jurisdiction City of Taylor

TIME OF CONCENTRATION

	Sheet Flow				Shallow Concentrated Flow Unpaved				Shallow Concentrated Flow Paved				Channel Flow				Actual	Design
DRAINAGE AREA (DA)	n	S	L	T_{t1}	L	S	V	T_{t2}	L	S	V	T_{t3}	V	L	T_{t4}	T_c, min.	T_c, min.	T_c, min.
DA #1/OS-A1 (77.56 AC)	0.2	0.005	100	19.3	700	0.062	4.02	2.90	0.00	0.02	5.06	0	6.00	792	2.20	24.4	24.4	14.63
OS-B1 (39.07 AC)	0.2	0.005	100	19.3	1000	0.008	1.44	11.55	0.00	0.02	1.82	0	6.00	4000	11.11	41.9	41.9	25.16
OS-C1 (35.59 AC)	0.2	0.006	100	17.9	1000	0.01	1.61	10.33	0.00	0.02	2.03	0	6.00	813	2.26	30.5	30.5	18.31

DRAINAGE SUMMARY

							SCS Curve Number		Peak Flow, cfs. Undetained				Peak Flow, cfs. Detained				
Drainage Area ID	Area (Ac.)	Area (Sq Miles)	Impervious %	Impervious Area (Ac.)	Impervious CN	Pervious Area (Ac.)	Pervious CN	CN	Tc, min.	T_L, min.	Q, 2 Yr.	Q, 10 Yr.	Q, 25 Yr.	Q, 100 Yr.	Q, 2 Yr.	Q, 10 Yr.	Q, 25 Yr.	Q, 100 Yr.	Q, 500 Yr.
DA #1/OS-A1	77.56	0.121	65.6%	50.89	98	26.67	84	93.2	24.4	14.63	213.80	330.29	406.71	532.36	138.09	246.05	313.92	431.51	-
OS-B1	39.07	0.061	0%	0.00	98	39.07	84	84.0	41.9	25.16	64.53	113.44	145.79	198.45	-	-	-	-	-
OS-C1	35.59	0.056	0%	0.00	98	35.59	84	84.0	30.5	18.31	69.27	122.25	157.11	213.87	-	-	-	-	-
POINT OF ANALYSIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264.15	473.23	610.78	835.59	1120.80

Gobal Drainage Notes
1. Time of Concentrations were calculated using methods presented in Sec. 2 of the City of Austin Drainage Criteria Manual Sec.

Proposed Drainage Map Conditions- No Commercial to Pond

2 yr. Rainfall, (in.) 3.97
Jurisdiction City of Taylor

TIME OF CONCENTRATION

	Sheet Flow				Shallow Concentrated Flow Unpaved				Shallow Concentrated Flow Paved				Channel Flow				Actual	Design
DRAINAGE AREA (DA)	n	S	L	T_{t1}	L	S	V	T_{t2}	L	S	V	T_{t3}	V	L	T_{t4}	T_c, min.	T_c, min.	T_c, min.
DA #1/OS-A1 (67.45 AC)	0.2	0.005	100	19.3	700	0.062	4.02	2.90	0.00	0.02	5.06	0	6.00	792	2.20	24.4	24.4	14.63
OS-B1 (49.18 AC)	0.2	0.005	100	19.3	1000	0.008	1.44	11.55	0.00	0.02	1.82	0	6.00	4000	11.11	41.9	41.9	25.16
OS-C1 (35.59 AC)	0.2	0.006	100	17.9	1000	0.01	1.61	10.33	0.00	0.02	2.03	0	6.00	813	2.26	30.5	30.5	18.31

DRAINAGE SUMMARY

							SCS Curve Number		Peak Flow, cfs. Undetained				Peak Flow, cfs. Detained				
Drainage Area ID	Area (Ac.)	Area (Sq Miles)	Impervious %	Impervious Area (Ac.)	Impervious CN	Pervious Area (Ac.)	Pervious CN	CN	Tc, min.	T_L, min.	Q, 2 Yr.	Q, 10 Yr.	Q, 25 Yr.	Q, 100 Yr.	Q, 2 Yr.	Q, 10 Yr.	Q, 25 Yr.	Q, 100 Yr.	Q, 500 Yr.
DA #1 & OS-A1	67.45	0.105	63.5%	42.83	98	24.62	84	92.9	24.4	14.63	184.14	285.49	351.98	461.26	114.09	213.44	280.80	389.92	-
OS-B1	49.18	0.077	0%	0.00	98	49.18	84	84.0	41.9	25.16	81.44	143.18	184.01	250.47	-	-	-	-	-
OS-C1	35.59	0.056	0%	0.00	98	35.59	84	84.0	30.5	18.31	69.27	122.25	157.11	213.87	-	-	-	-	-
POINT OF ANALYSIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	257.06	470.03	615.46	845.74	1135.50

Gobal Drainage Notes
1. Time of Concentrations were calculated using methods presented in Sec. 2 of the City of Austin Drainage Criteria Manual Sec.

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/23/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

PROPOSED OVERALL DRAINAGE MAP, COMMERCIAL EXCLUDED

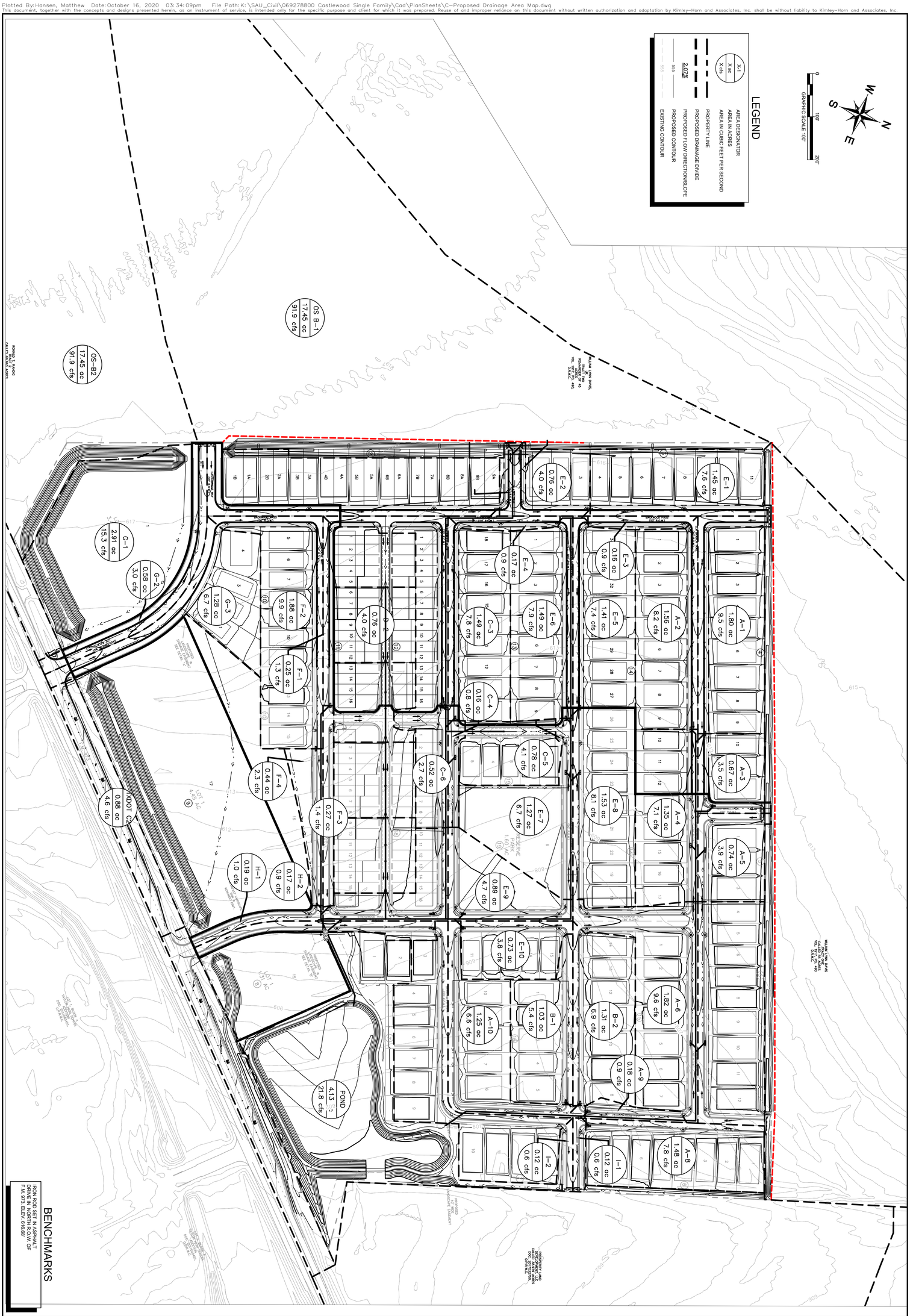
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
34 OF 108

Plotted By:Buzzelli, William Date:October 23, 2020 01:48:55pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Pro Drainage Area Map (No Commercial).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By: Hansen, Matthew Date: October 16, 2020 03:34:09pm File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Proposed Drainage Area Map.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SHEET NUMBER 35 OF 108	CASTLEWOOD SINGLE FAMILY PHASE 1 & 2 CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS	PROPOSED DRAINAGE AREA MAP	KHA PROJECT 069278800 DATE JANUARY 2020 SCALE: AS SHOWN DESIGNED BY: WB,DM DRAWN BY: DM,WB CHECKED BY: LC	STATE OF TEXAS LUKE W. CRAWWAY 125677 LICENSED PROFESSIONAL ENGINEER 10/16/2020	Kimley»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746 PHONE: 512-646-22371 WWW.KIMLEY-HORN.COM TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY

PROPOSED INLET DRAINAGE CONDITIONS

2 yr. Rainfall, (in.) 3.97

Jurisdiction City of Taylor

DRAINAGE AREA (DA)	AREA (ACRES)	Sheet Flow				Shallow Concentrated Flow				Channel Flow				Actual	Design
		Unpaved				Paved									
		n	S	L	T_o	L	S	V	T_o	L	S	V	T_o	T_c, min.	T_c, min.
A-1	1.80	0.15	0.025	100	11.4	38	0.025	1.80	0.35	0	0.02	2.87	0	6.0	478	1.33	15.0	15.0
A-2	1.56	0.2	0.0125	100	13.4	31	0.025	1.80	0.29	0	0.02	2.87	0	6.0	457	1.27	14.9	14.9
A-3	0.67	0.2	0.0125	100	13.4	39	0.025	1.80	0.36	0	0.02	2.87	0	6.0	175	0.49	14.2	14.2
A-4	1.35	0.2	0.005	100	19.3	0	0.025	1.80	0.0	0	0.02	2.87	0	6.0	32	0.09	19.4	19.4
A-5	0.74	0.2	0.0125	100	13.4	36	0.025	1.80	0.28	0	0.02	2.87	0	6.0	262	0.73	14.4	14.4
A-6	1.82	0.2	0.0125	100	13.4	42	0.025	1.80	0.39	0	0.02	2.87	0	6.0	155	0.33	14.1	14.1
A-7	1.84	0.2	0.0125	100	13.4	17	0.025	1.80	0.16	0	0.02	2.87	0	6.0	317	0.88	14.4	14.4
A-8	1.85	0.2	0.0125	100	13.4	15	0.025	1.80	0.38	0	0.02	2.87	0	6.0	323	0.90	14.6	14.6
A-9	0.18	0.02	0.0125	100	2.1	40	0.025	1.80	0.37	0	0.02	2.87	0	6.0	408	1.13	3.6	5.0
A-10	1.25	0.2	0.0125	100	13.4	39	0.025	1.80	0.0	0	0.02	2.87	0	6.0	121	0.34	19.6	19.6
A-11	2.01	0.2	0.005	100	19.3	0	0.025	1.80	0.0	0	0.02	2.87	0	6.0	229	0.61	19.9	19.9
B-1	1.03	0.2	0.0125	100	13.4	32	0.025	1.80	0.30	0	0.02	2.87	0	6.0	391	0.78	14.4	14.4
B-2	1.31	0.2	0.0125	100	13.4	31	0.025	1.80	0.29	0	0.02	2.87	0	6.0	392	1.09	14.7	14.7
C-1	2.11	0.2	0.005	100	19.3	0	0.025	1.80	0	0	0.02	2.87	0	6.0	48	0.13	19.4	19.4
C-2	0.93	0.2	0.005	100	19.3	0	0.025	1.80	0	0	0.02	2.87	0	6.0	48	0.13	19.4	19.4
C-3	1.49	0.2	0.0125	100	13.4	40	0.025	1.80	0.37	0	0.02	2.87	0	6.0	634	1.76	15.5	15.5
C-4	0.16	0.02	0.0125	100	2.1	39	0.025	1.80	0.31	0	0.02	2.87	0	6.0	433	1.20	3.8	5.0
C-5	0.78	0.2	0.0125	100	13.4	30	0.025	1.80	0.28	0	0.02	2.87	0	6.0	438	1.22	14.9	14.9
C-6	0.52	0.2	0.0125	100	13.4	21	0.025	1.80	0.19	0	0.02	2.87	0	6.0	118	0.33	13.9	13.9
C-7	0.67	0.2	0.005	80	16.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	0	0.00	16.1	16.1
C-8	0.21	0.2	0.005	100	19.3	0	0.025	1.80	0	0	0.02	2.87	0	6.0	76	0.16	19.4	19.4
D-1	0.58	0.2	0.0125	100	13.4	18	0.025	1.80	0.17	0	0.02	2.87	0	6.0	120	0.33	13.9	13.9
D-2	0.76	0.2	0.0125	100	13.4	17	0.025	1.80	0.16	0	0.02	2.87	0	6.0	171	0.48	14.0	14.0
D-3	0.75	0.2	0.0125	100	13.4	16	0.025	1.80	0.15	0	0.02	2.87	0	6.0	182	0.52	14.0	14.0
D-4	0.76	0.2	0.0125	100	13.4	19	0.025	1.80	0.18	0	0.02	2.87	0	6.0	171	0.48	14.0	14.0
E-1	0.75	0.2	0.0125	100	13.4	19	0.025	1.80	0.18	0	0.02	2.87	0	6.0	171	0.48	14.0	14.0
E-2	1.45	0.2	0.0125	100	13.4	41	0.025	1.80	0.38	0	0.02	2.87	0	6.0	403	1.12	14.9	14.9
E-3	0.75	0.2	0.0125	100	13.4	33	0.025	1.80	0.30	0	0.02	2.87	0	6.0	433	1.21	14.8	14.8
E-3	0.16	0.02	0.0125	100	2.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	134	0.37	2.5	5.0
E-4	0.17	0.02	0.0125	100	2.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	134	0.37	2.5	5.0
E-5	1.41	0.2	0.0125	100	13.4	31	0.025	1.80	0.29	0	0.02	2.87	0	6.0	411	1.14	14.8	14.8
E-6	1.49	0.2	0.0125	100	13.4	29	0.025	1.80	0.27	0	0.02	2.87	0	6.0	413	1.20	14.8	14.8
E-7	1.27	0.2	0.005	100	19.3	0	0.025	1.80	0	0	0.02	2.87	0	6.0	32	0.09	19.4	19.4
E-8	1.53	0.2	0.005	100	19.3	239	0.005	1.14	3.49	0	0.02	2.87	0	6.0	34	0.09	22.9	22.9
E-9	0.89	0.2	0.005	100	19.3	30	0.025	1.80	0.28	0	0.02	2.87	0	6.0	292	0.81	14.5	14.5
E-10	0.73	0.2	0.0125	100	13.4	59	0.025	1.80	0.55	0	0.02	2.87	0	6.0	0	0.00	13.9	13.9
F-1	0.25	0.2	0.005	100	3.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	313	0.87	3.5	5.0
F-2	1.88	0.2	0.0125	100	13.4	31	0.025	1.80	0.29	0	0.02	2.87	0	6.0	502	1.39	15.0	15.0
F-3	0.27	0.2	0.005	100	3.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	313	0.87	3.5	5.0
F-4	0.44	0.2	0.01	100	14.6	257	0.01	1.61	2.65	0	0.02	2.87	0	6.0	0	0.00	17.3	17.3
G-1	2.91	0.2	0.005	100	19.3	450	0.005	1.40	5.37	0	0.02	2.87	0	6.0	0	0.00	24.6	24.6
G-2	0.50	0.2	0.0125	100	13.4	30	0.025	1.80	0.28	0	0.02	2.87	0	6.0	556	1.54	15.0	15.0
G-3	1.23	0.2	0.0125	100	13.4	140	0.025	1.80	1.29	0	0.02	2.87	0	6.0	293	0.81	4.2	5.0
G-4	5.47	0.2	0.005	100	19.3	613	0.01	1.61	6.33	0	0.02	2.87	0	6.0	205	0.57	25.7	25.7
H-1	0.19	0.02	0.005	100	3.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	205	0.57	3.6	5.0
H-2	0.17	0.02	0.005	100	3.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	205	0.57	3.6	5.0
I-1	0.27	0.02	0.005	100	3.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	58	0.16	3.2	5.0
I-2	0.12	0.02	0.0125	100	2.1	0	0.025	1.80	0	0	0.02	2.87	0	6.0	58	0.16	2.3	5.0
J-1	1.29	0.2	0.005	100	19.3	0	0.025	1.80	0	0	0.02	2.87	0	6.0	58	0.16	19.5	19.5
OS-A1	20.73	0.2	0.005	100	19.3	614	0.008	1.44	7.09	0	0.005	1.44	0	6.0	605	1.68	28.1	28.1
OS-A2	17.45	0.2	0.005	100	19.3	1000	0.008	1.44	11.57	0	0.005	1.44	0	6.0	1950	5.42	36.9	36.9
OS-B2	17.45	0.2	0.005	100	19.3	1000	0.005	1.14	14.61	0	0.005	1.44	0	6.0	486	1.35	35.2	35.2
TxDOT C1	2.49	0.65	0.02	20	0.2	0	0.00	0.00	0	0	0.00	0.00	0	6.0	2756	7.66	7.9	7.9
TxDOT C2	0.88	0.016	0.2	20	0.2	0	0.00	0.00	0	0	0.00	0.00	0	6.0	950	2.64	2.8	5.0

DRAINAGE AREA ID	Area (Ac.)	Impervious %	Impervious Area (Ac.)	Pervious Area (Ac.)	Runoff Coefficient, C				Intensity, in./hr.				Peak Flow, cfs.			
					C_2 2 Yr.	C_{10} 10 Yr.	C_{25} 25 Yr.	C_{100} Yr.	I_2, min.	I_{10}, 10 Yr.	I_{25}, 25 Yr.	I_{100} Yr.	Q_2 2 Yr.	Q_{10} 10 Yr.	Q_{25} 25 Yr.	Q_{100} Yr.
A-1	1.80	65%	1.17	0.63	0.68	0.72	0.80	15.0	5.24	6.65	7.96	10.15	6.52	8.32	9.95	12.69
A-2	1.56	65%	1.01	0.55	0.62	0.68	0.72	0.80	14.9	4.25	6.11	7.36	9.37	4.09	6.48	8.29	11.63
A-3	0.67	65%	0.44	0.23	0.62	0.68	0.72	0.80	14.2	4.35	6.24	7.51	9.57	4.20	6.64	8.50	11.92
A-4	1.35	65%	0.88	0.47	0.62	0.68	0.72	0.80	19.4	3.76	5.41	6.52	8.32	3.13	4.97	6.36	8.93
A-5	0.74	65%	0.48	0.26	0.62	0.68	0.72	0.80	14.4	4.32	6.21	7.48	9.53	1.97	3.12	4.00	5.61
A-6	1.82	65%	1.18	0.64	0.62	0.68	0.72	0.80	14.1	4.36	6.27	7.54	9.61	4.92	7.81	10.01	14.04
A-7	1.84	65%	1.20	0.64	0.62	0.68	0.72	0.80	14.4	4.32	6.20	7.47	9.52	4.90	7.76	9.93	13.92
A-8	1.85	65%	1.20	0.65	0.62	0.68	0.72	0.80	14.6	4.29	6.16	7.42	9.45	4.90	7.76	9.93	13.90
A-9	0.18	65%	0.12	0.06	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.68	1.08	1.38	1.95
A-10	1.25	65%	0.81	0.44	0.62	0.68	0.72	0.80	19.6	3.74	5.38	6.48	8.27	2.88	4.57	5.85	8.21
A-11	2.01	65%	1.31	0.70	0.62	0.68	0.72	0.80	19.9	3.71	5.34	6.44	8.21	3.01	4.77	6.10	8.56
B-1	1.03	65%	0.67	0.36	0.62	0.68	0.72	0.80	14.4	4.32	6.20	7.46	9.51	2.74	4.34	5.55	7.79
B-2	1.31	65%	0.85	0.46	0.62	0.68	0.72	0.80	14.7	4.28	6.14	7.39	9.42	3.47	5.50	7.04	9.81
C-1	2.11	65%	1.37	0.74	0.62	0.68	0.72	0.80	19.4	3.76	5.41	6.52	8.31	4.89	7.75	9.93	13.94
C-2	0.93	65%	0.60	0.33	0.62	0.68	0.72	0.80	19.4	3.76	5.41	6.52	8.31	2.16	3.42	4.38	6.14
C-3	1.49	65%	0.97	0.52	0.62	0.68	0.72	0.80	15.5	4.18	6.01	7.23	9.22	3.84	6.08	7.79	10.92
C-4	0.16	65%	0.10	0.06	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.61	0.96	1.23	1.73
C-5	0.78	65%	0.51	0.27	0.62	0.68	0.72	0.80	14.9	4.26	6.13	7.37	9.39	2.05	3.24	4.15	5.82
C-6	0.52	65%	0.34	0.18	0.62	0.68	0.72	0.80	13.9	4.39	6.30	7.59	9.67	1.41	2.23	2.85	4.00
C-7	0.67	65%	0.44	0.23	0.62	0.68	0.72	0.80	16.1	4.11	5.90	7.11	9.06	1.70	2.69	3.44	4.82
C-8	0.21	65%	0.14	0.07	0.62	0.68	0.72	0.80	19.4	3.75	5.40	6.51	8.30	0.49	0.77	0.99	1.39
D-1	0.58	65%	0.38	0.20	0.62	0.68	0.72	0.80	13.9	4.39	6.31	7.59	9.68	1.57	2.49	3.18	4.46
D-2	0.76	65%	0.49	0.27	0.62	0.68	0.72	0.80	14.0	4.37	6.28	7.56	9.64	2.05	3.24	4.15	5.82
D-3	0.75	65%	0.49	0.27	0.62	0.68	0.72	0.80	14.0	4.37	6.28	7.56	9.63	2.05	3.24	4.15	5.82
D-4	0.76	65%	0.49	0.27	0.62	0.68	0.72	0.80	14.0	4.37	6.28	7.56	9.63	2.05	3.24	4.15	5.82
D-5	0.76	65%	0.49	0.27	0.62	0.68	0.72	0.80	14.0	4.37	6.28	7.56	9.63	2.05	3.24	4.15	5.82
E-1	1.45	65%	0.94	0.51	0.62	0.68	0.72	0.80	14.9	4.26	6.12	7.37	9.39	3.81	6.03	7.72	10.82
E-2	0.75	65%	0.49	0.26	0.62	0.68	0.72	0.80	14.0	4.37	6.27	7.55	9.62	2.02	3.20	4.09	5.74
E-3	0.16	65%	0.10	0.06	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.61	0.96	1.23	1.73
E-4	0.17	65%	0.11	0.06	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.64	1.02	1.30	1.84
E-5	1.41	65%	0.92	0.49	0.62	0.68	0.72	0.80	14.8	4.27	6.13	7.38	9.41	3.71	5.88	7.52	10.55
E-6	1.49	65%	0.97	0.52	0.62	0.68	0.72	0.80	14.8	4.26	6.12	7.37	9.40	3.92	6.20	7.94	11.13
E-7	1.27	65%	0.83	0.44	0.62	0.68	0.72	0.80	19.3	3.77	5.42	6.53	8.33	2.95	4.68	5.99	8.41
E-8	1.53	65%	0.99	0.54	0.62	0.68	0.72	0.80	22.9	3.45	4.98	6.01	7.67	3.26	5.18	6.64	9.32
E-9	0.89	65%	0.58	0.31	0.62	0.68	0.72	0.80	14.5	4.31	6.19	7.46	9.50	2.37	3.75	4.80	6.72
E-10	0.73	65%	0.47	0.26	0.62	0.68	0.72	0.80	13.9	4.39	6.30	7.58	9.66	1.98	3.12	4.00	5.61
F-1	0.25	65%	0.16	0.09	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.95	1.50	1.92	2.71
F-2	1.88	65%	1.22	0.66	0.62	0.68	0.72	0.80	15.0	4.24	6.09	7.33	9.34	4.92	7.78	9.95	13.96
F-3	0.27	65%	0.18	0.10	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	1.02	1.62	2.07	2.93
F-4	0.44	65%	0.29	0.15	0.62	0.68	0.72	0.80	17.3	3.98	5.72	6.89	8.78	1.08	1.71	2.19	3.07
G-1	2.91	65%	1.89	1.02	0.62	0.68	0.72	0.80	24.6	3.32	4.79	5.78	7.38	5.96	9.47	12.15	17.07
G-2	0.50	65%	0.33	0.18	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	1.90	2.99	3.84	5.42
G-3	1.23	65%	0.80	0.43	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	4.66	7.37	9.44	13.33
G-4	5.47	65%	3.56	1.91	0.62	0.68	0.72	0.80	25.7	3.24	4.68	5.66	7.22	10.95	17.42	22.35	31.42
H-1	0.19	65%	0.12	0.07	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.72	1.14	1.46	2.06
H-2	0.17	65%	0.11	0.06	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.64	1.02	1.30	1.84
I-1	0.27	65%	0.18	0.09	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	1.02	1.62	2.07	2.93
I-2	0.12	65%	0.08	0.04	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	0.46	0.72	0.92	1.30
J-1	1.29	65%	0.84	0.45	0.62	0.68	0.72	0.80	14.0	4.38	6.29	7.57	9.65	3.49	5.51	7.06	9.90
OS-A1	20.73	65%	13.47	7.26	0.62	0.68	0.72	0.80	28.1	3.09	4.47	5.39	6.89	39.50	62.92	80.77	113.62
OS-B1	17.45	65%	11.34	6.11	0.62	0.68	0.72	0.80	36.0	2.67	3.88	4.69	6.02	28.74	45.98	59.15	83.47
OS-B2	17.45	65%	11.34	6.11	0.62	0.68	0.72	0.80	35.2	2.70	3.92	4.75	6.09	29.30	46.53	59.85	84.43
TxDOT C1	2.49	65%	1.62	0.87	0.62	0.68	0.72	0.80	7.8	5.44	7.79	9.39	11.99	8.35	13.19	16.88	23.74
TxDOT C2	0.88	65%	0.57	0.31	0.62	0.68	0.72	0.80	5.0	6.15	8.81	10.62	13.63	3.34	5.27	6.76	9.53

Castlewood Proposed Inlet/Street Flow Summary

In Sump	
Weir Coefficient, Cw	2.6

Street Flow	
Gutter Slope, Sw, ft./ft.	0.050
Gutter Width, W, ft.	1.5
Pavement Cross Slope, Sx, ft./ft.	0.020
Top/Tw	11.000
Manning's n	0.016

23 yr.

Inlet ID	Drainage Area ID	Inlet Length, L	Q_o cfs	y_o, in.	S_o ft./ft.
A-4	A-4	15	1.16	2.76	0.007
A-5	A-5	15	0.68	2.08	0.007
A-6	A-6	15	4.92	7.76	0.005
A-7	A-7	15	9.61	4.96	0.005
A-10	A-10	30	10.75	5.26	0.005
A-11	A-11	30	27.85	6.28	0.005
C-3	C-3	10	4.28	4.00	0.005
C-4	C-4	10	1.70	2.47	0.005
C-6	C-6	15	13.27	5.77	0.005
C-7	C-7	10	4.28	4.00	0.005
C-8	C-8	10	1.70	2.47	0.005
D-4	D-4	15	13.27	5.77	0.005
E-4	E-4	15	13.27	5.77	0.005
E-8	E-8	30	27.85	6.28	0.005
F-4	F-4	15	4.28	4.00	0.005
G-4	G-4	15	14.36	6.05	0.005

On Grade	
Gutter Slope, Sw, ft./ft.	0.050
Gutter Width, W, ft.	1.5
Pavement Cross Slope, Sx, ft./ft.	0.020
Top/Tw	11.000
Manning's n	0.016

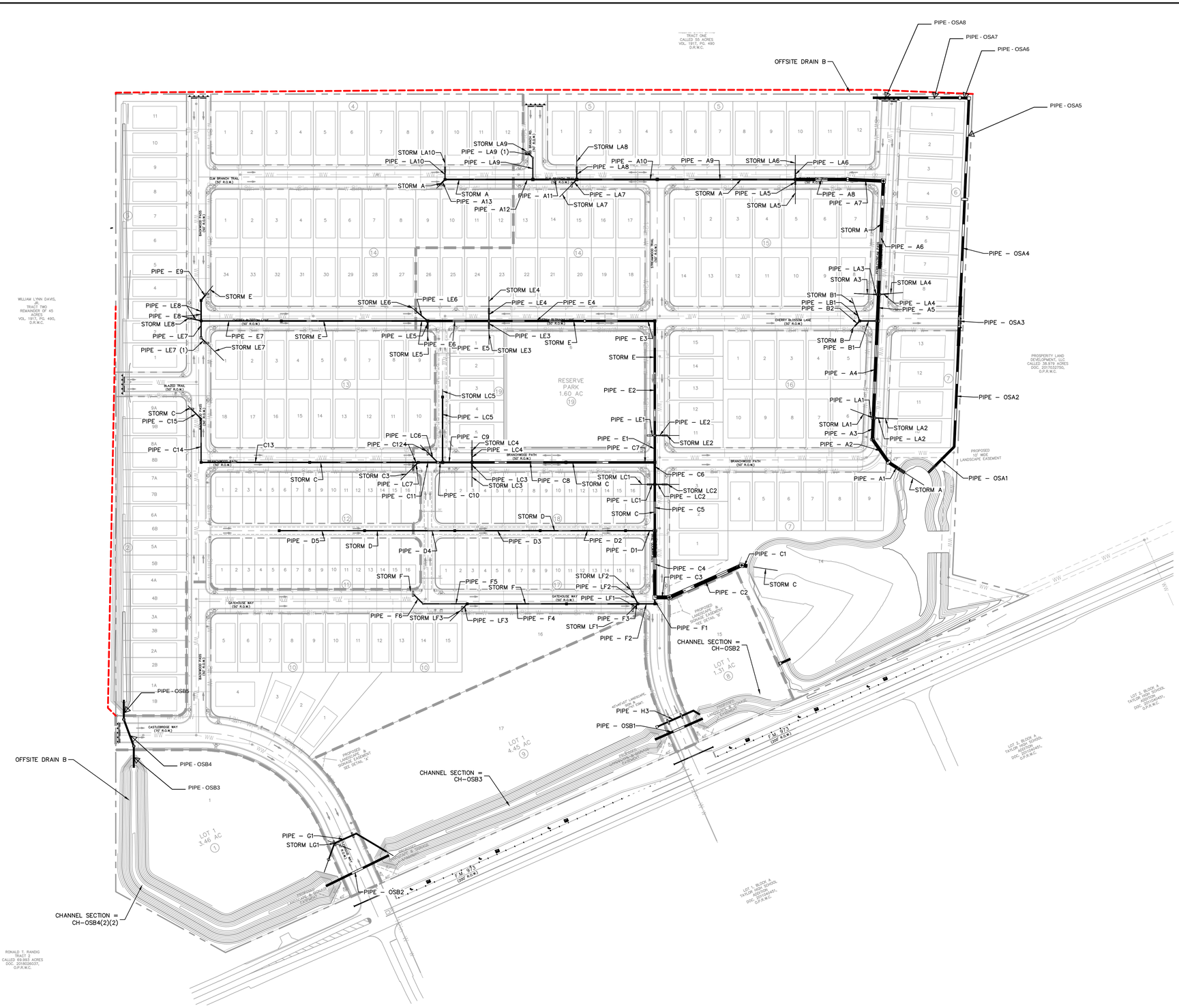
Street Flow	
Gutter Slope, Sw, ft./ft.	0.050
Gutter Width, W, ft.	1.5
Pavement Cross Slope, Sx, ft./ft.	0.020
Top/Tw	11.000
Manning's n	0.016

100 yr.

Inlet ID	Drainage Area ID	Inlet Length, L	Q_o cfs	y_o, in.	S_o ft./ft.
A-4	A-4	15	13.99	3.87	
A-5	A-5	15	10.54	3.25	
A-6	A-6	15	19.49	8.76	
A-7	A-7	15	13.66	5.88	
A-10	A-10	30	17.73	6.26	
A-11	A-11	30	27.85	6.28	
C-3	C-3	10	11.78	5.00	
C-4	C-4	10	4.68	3.27	
C-6	C-6	15	13.27	5.77	
C-7	C-7	10	11.78	5.00	
C-8	C-8	10	4.68	3.27	
D-4	D-4	15	13.27	5.77	
E-4	E-4	15	13.27	5.77	
E-8	E-8	30	27.85	6.28	
F-4	F-4	15	4.28	4.00	
G-4	G-4	15	14.36	6.05	

23 yr.

Inlet ID	Drainage Area ID	Q_o, cfs	y_o, in.	S_o ft./ft.	Length, L_o	Q_o	y_o, S_o ft./ft.	d_o, ft.	$\bar{x}$	Q Intercepted, Q_o	Capac, Q_o	Sheet Flow S_o ft./ft.
A-1	A-1	9.95	10.75	15	0.486	9.952	10.76	0.896	4.94	7.96	11.49	0.5
A-2	A-2	8.29	10.75	15	0.486	8.293	10.76	0.896	4.94	6.64	11.49	0.5
A-3	A-3	4.20	7.51	15	0.411	4.204	7.516	0.626	2.90	2.25	10.01	4.2
B-1	B-1	3.13	4.97	15	0.411	3.134	4.974	0.414	2.90	1.67	6.36	4.2
B-2	B-2	4.97	6.36	15	0.411	4.974	6.365	0.530	2.90	2.65	8.93	4.2
B-3	B-3	6.07	7.79	15	0.411	6.078	7.795	0.650	2.90	3.24	10.93	4.2
C-1	C-1	4.89	9.93	15	0.411	4.894	9.939	0.828	2.90	2.61	13.94	4.2
C-2	C-2	2.16	4.38	15	0.411	2.163	4.384	0.365	2.90	1.15	6.14	4.2
C-3	C-3	3.84	7.79	15	0.411	3.843	7.795	0.650	2.90	2.05	10.93	4.2
C-4	C-4	0.61	1.23	15	0.411	0.611	1.232	0.103	2.90	0.32	1.73	4.2
C-5	C-5	2.05	4.15	15	0.411	2.053	4.153	0.346	2.90	1.09	5.82	4.2
C-6	C-6	1.90	3.85	15	0.411	1.898	3.856	0.321	2.90	1.01	5.40	4.2
C-7	C-7	3.44	6.96	15	0.411	3.443	6.963	0.580	2.90	1.83	9.76	4.2
C-8	C-8	0.49	0.99	15	0.411	0.490	0.994	0.083	2.90	0.26	1.39	4.2
D-1	D-1	1.57	3.18	15	0.411	1.571	3.184	0.265	2.90	0.83	4.46	4.2
D-2	D-2	2.05	4.15	15	0.411	2.053	4.153	0.346	2.90	1.09	5.82	4.2
D-3	D-3	2.05	4.15	15	0.411	2.053	4.153	0.346	2.90	1.09	5.82	4.2
D-4	D-4	2.05	4.15	15	0.411	2.053	4.153	0.346	2.90	1.09	5.82	4.2
D-5	D-5	2.05	4.15	15	0.411	2.053	4.153	0.346	2.90	1.09	5.82	4.2
E-1	E-1	3.81	7.72	15	0.411	3.814	7.724	0.644	2.90	2.02	10.82	4.2
E-2	E-2	2.02	4.09	15	0.411	2.024	4.094	0.341	2.90	1.07	5.74	4.2
E-3	E-3	0.61	1.23	15	0.411	0.611	1.232	0.103	2.90	0.32	1.73	4.2
E-4	E-4	0.64	1.30	15	0.411	0.644	1.304	0.109	2.90	0.34	1.84	4.2
E-5	E-5	3.71	7.52	15	0.411	3.715	7.524	0.627	2.90	1.97	10.55	4.2
E-6	E-6	3.92	7.94	15	0.411	3.924	7.944	0.662	2.90	2.08	11.13	4.2
E-7	E-7	2.95	5.99	15	0.411	2.954	5.986	0.499	2.90	1.56	8.41	4.2
E-8	E-8	3.26	6.64	15	0.411	3.264	6.644	0.554	2.90	1.73	9.32	4.2
F-1	F-1	0.95	1.92	15	0.411	0.951	1.924	0.160	2.90	0.50	2.71	4.2
F-2	F-2	4.92	9.95	15	0.411	4.924	9.



UTILITY LEGEND

- PROPERTY LINE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN HEADWALL
- PROPOSED FLOW DIRECTION
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- BLOCK NUMBER
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

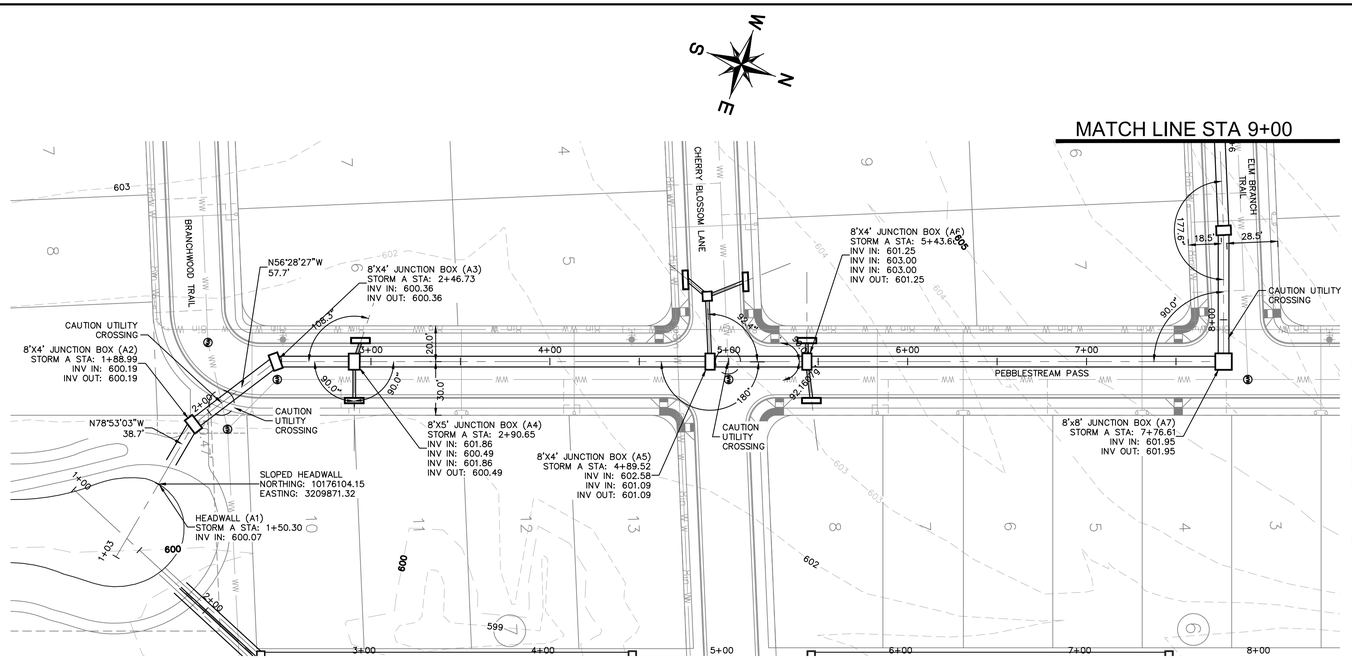
OVERALL STORM PLAN

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

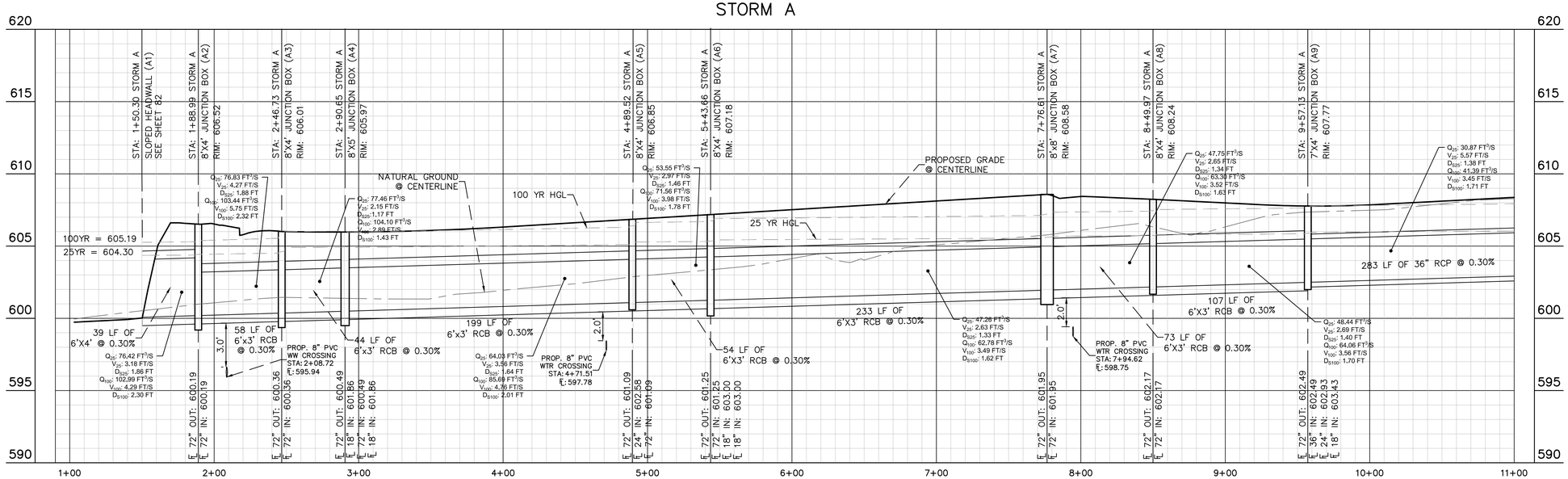
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
37 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:35:37pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Overall Storm Plan.dwg
The Documents, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



STORM A



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

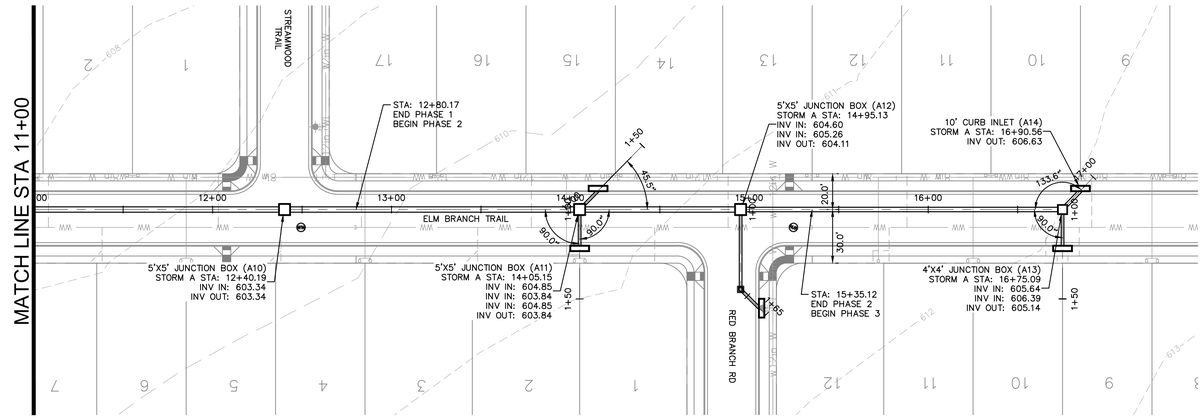
STORM PLAN & PROFILE LINE A (1 OF 2)

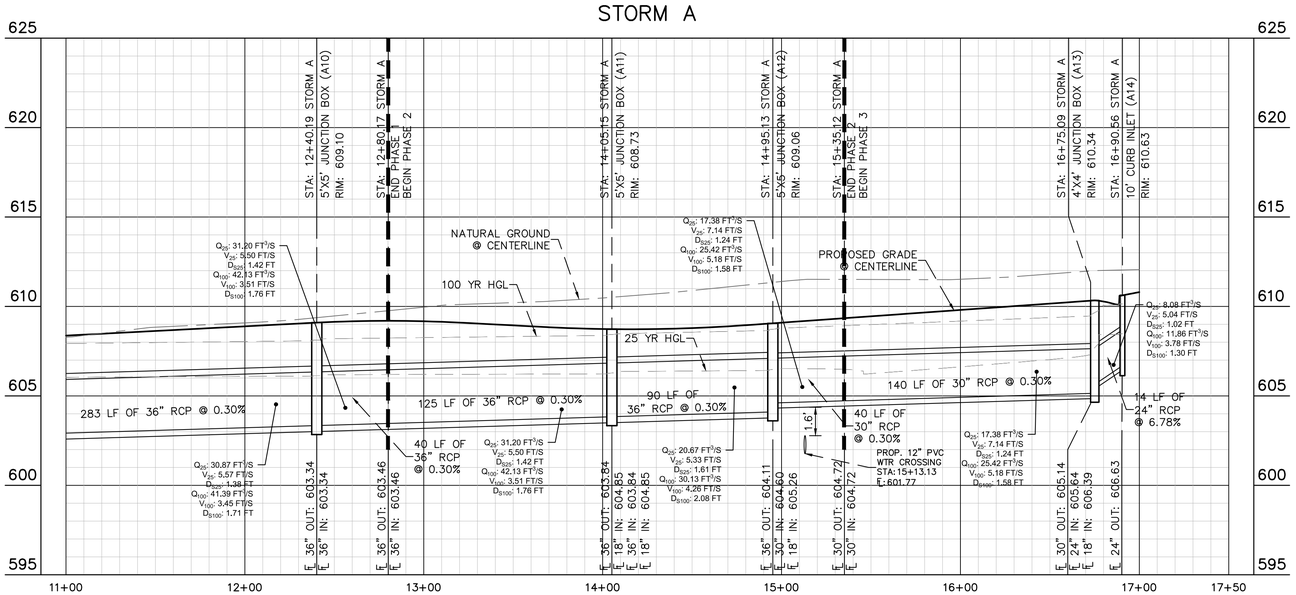
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
38 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:37:35pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







0 40' 80'

GRAPHIC SCALE 40'

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.

2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE:	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

STORM PLAN & PROFILE LINE A (2 OF 2)

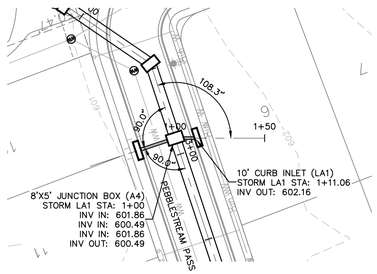
PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

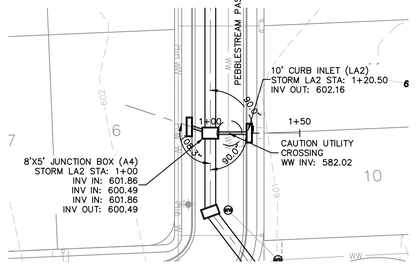
BENCHMARKS

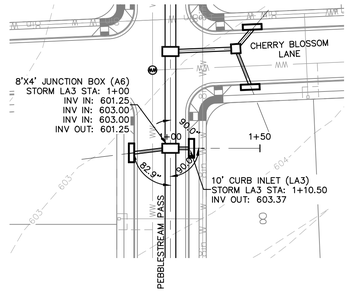
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

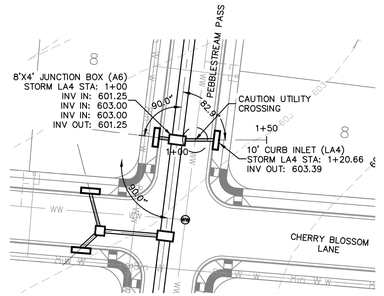
SHEET NUMBER
39 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:37:52pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







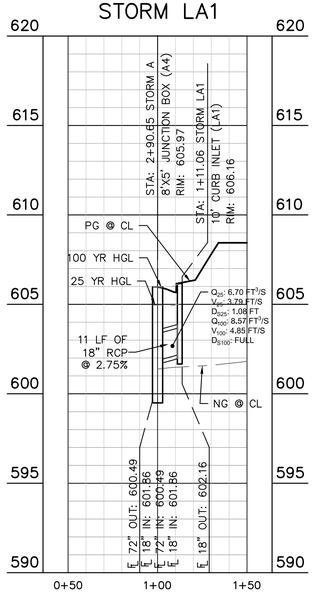


0 40' 80'
GRAPHIC SCALE 40'

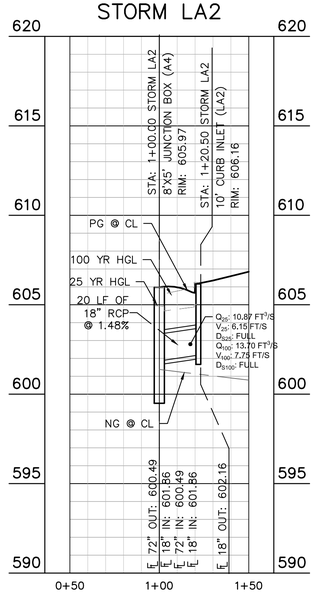
UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

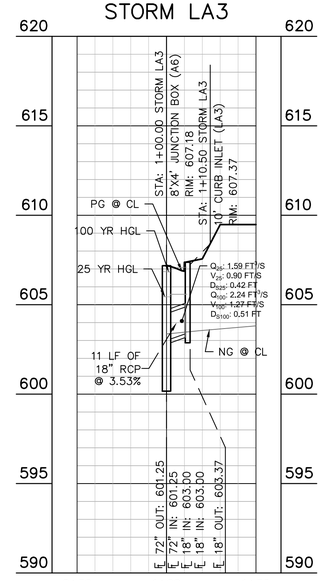
STORM LA1



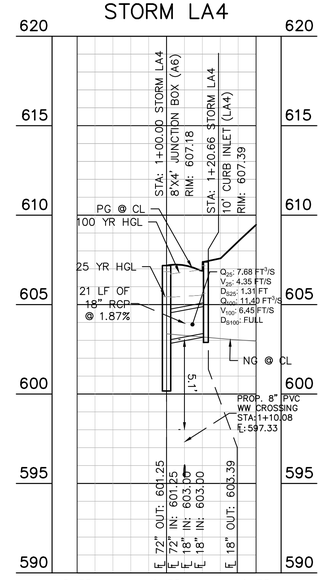
STORM LA2



STORM LA3



STORM LA4



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE: JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

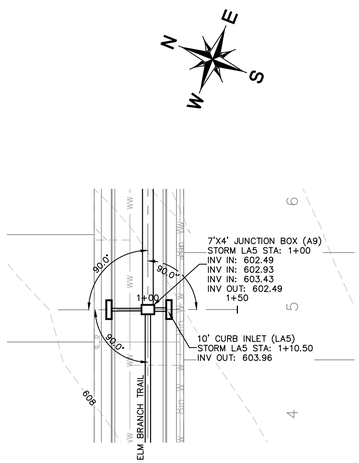
STORM PLAN & PROFILE LINES A1 - A4

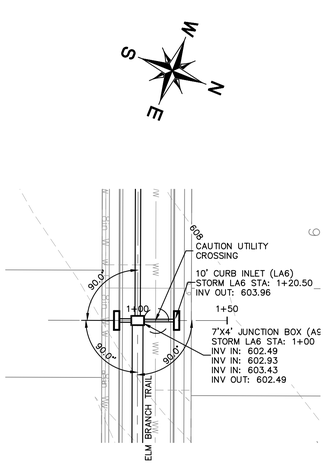
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

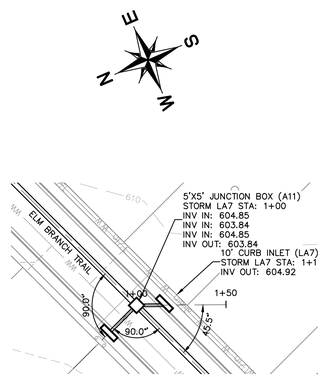
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

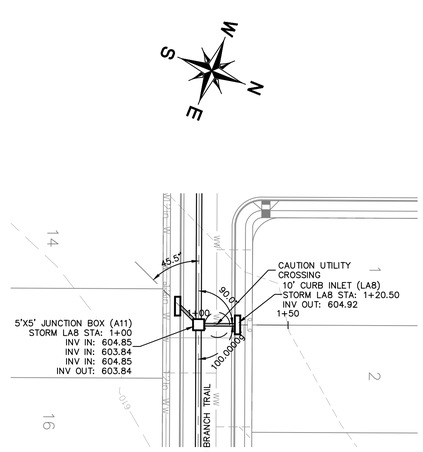
SHEET NUMBER
40 OF108

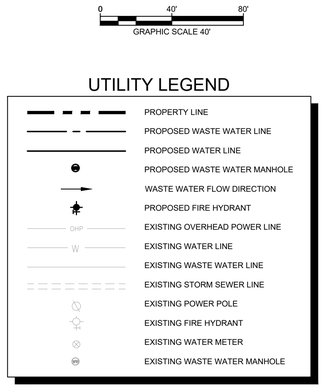
Plotted By:Hansen, Matthew Date:October 16, 2020 03:38:38pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





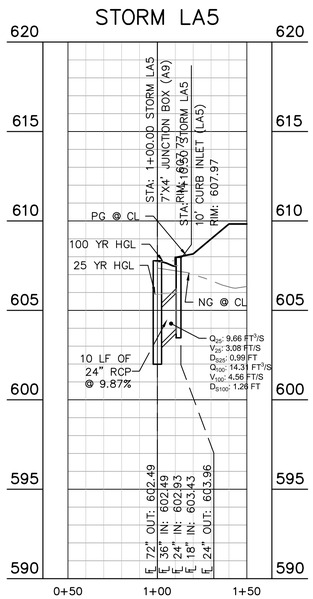




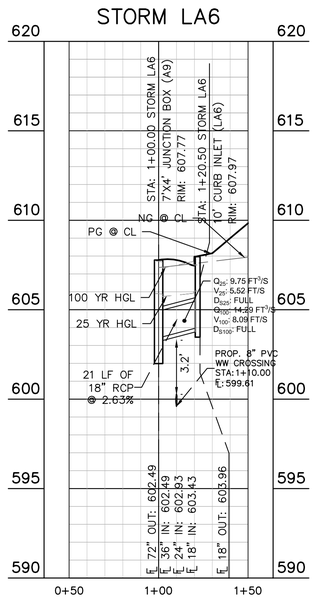


0 40' 80'
GRAPHIC SCALE 40'

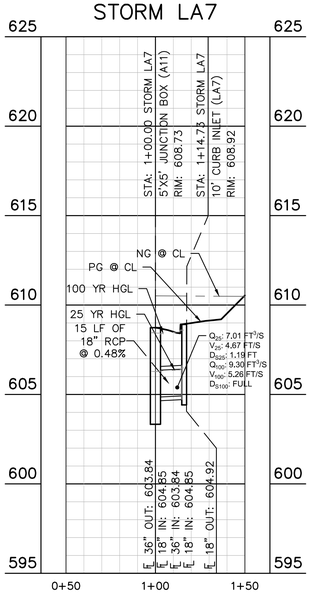
STORM LA5



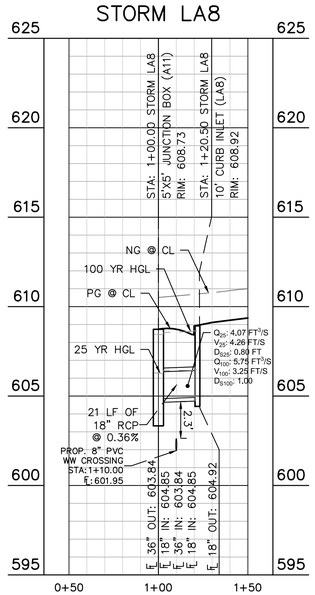
STORM LA6



STORM LA7



STORM LA8



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

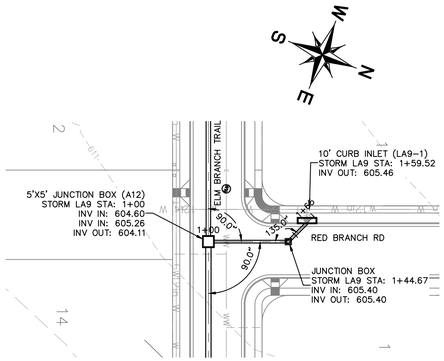
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

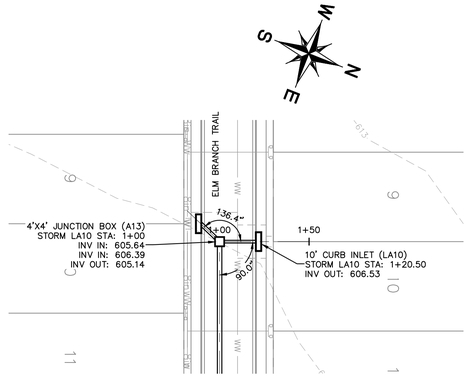
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

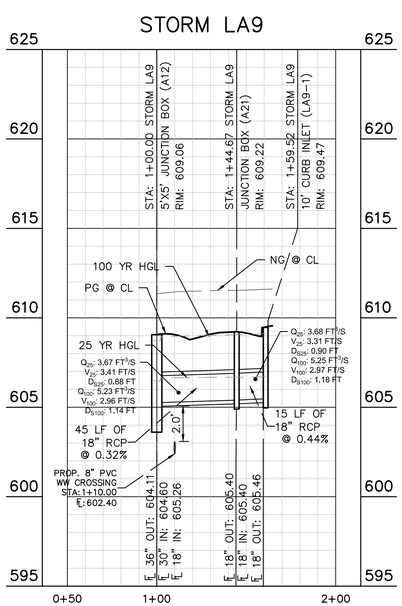
STORM PLAN & PROFILE LINES A5 - A8

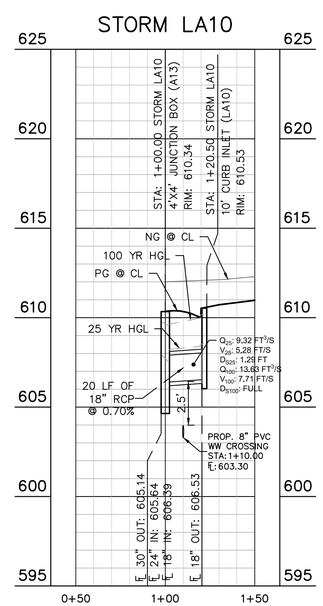
SHEET NUMBER
41 OF 108

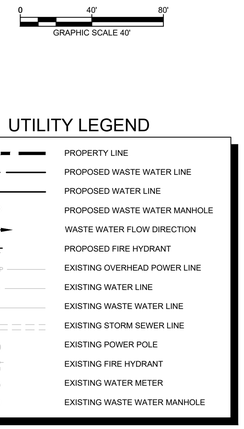
Plotted By:Hansen, Matthew Date:October 16, 2020 03:41:48pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.











PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

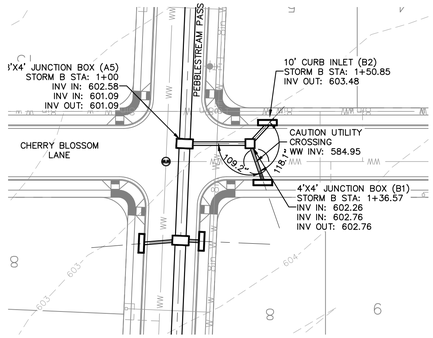
STORM PLAN & PROFILE LINES A9 & A10

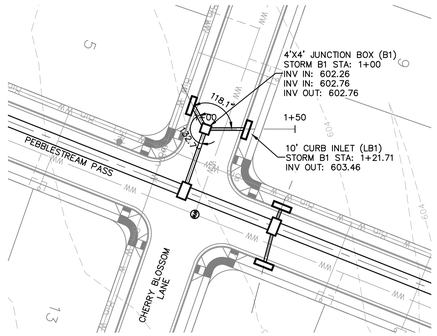
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

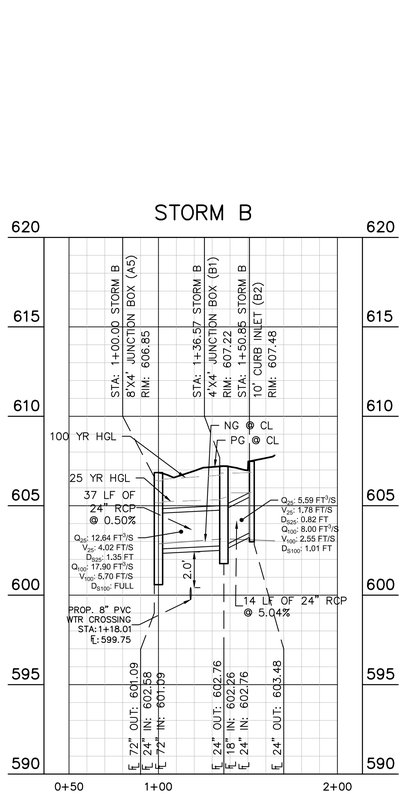
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

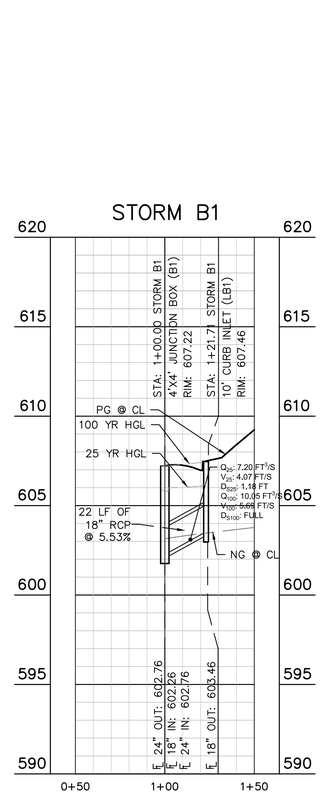
SHEET NUMBER
42 OF 108

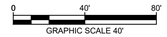
Plotted By:Hansen, Matthew Date:October 16, 2020 03:42:15pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.











UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

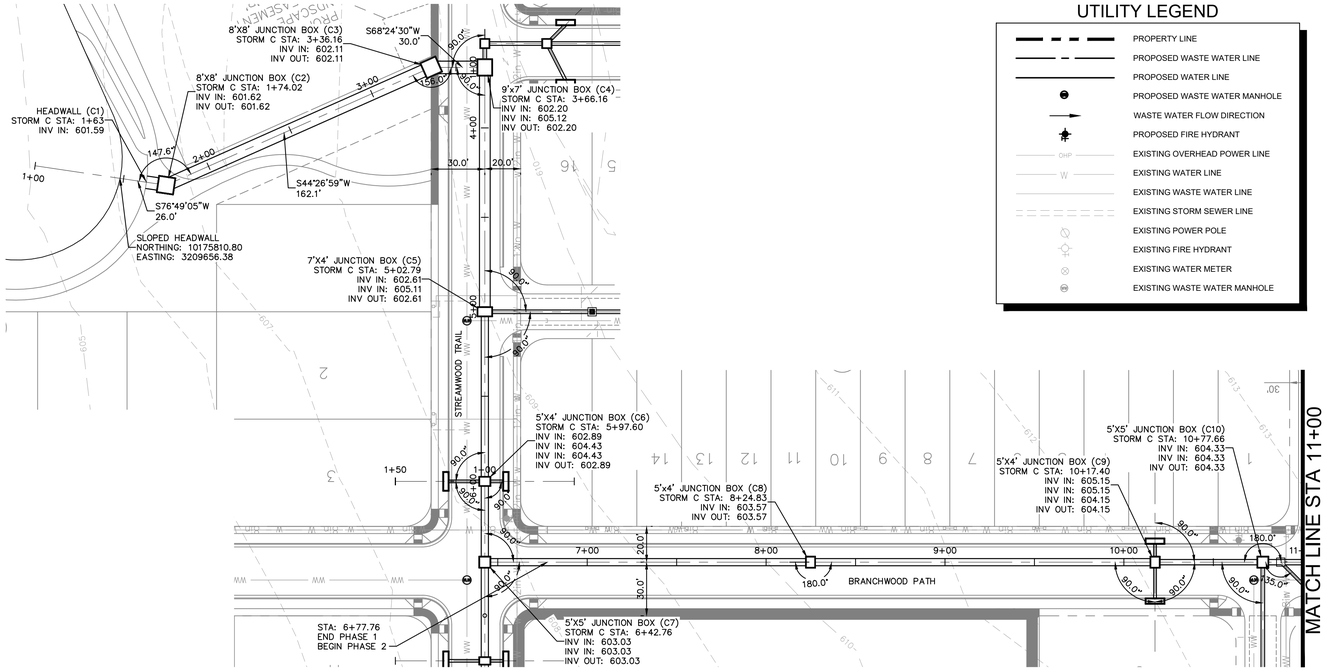
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

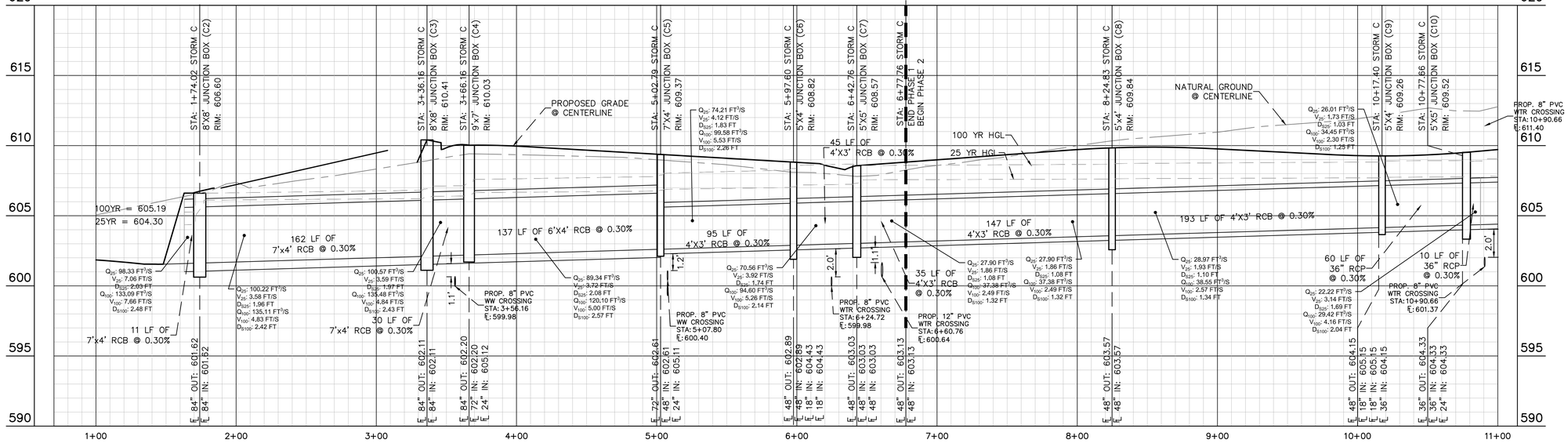
STORM PLAN & PROFILE LINE B & B1

SHEET NUMBER
43 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:42:47pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This documents together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



STORM C



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800	DATE JANUARY 2020	SCALE: AS SHOWN	DESIGNED BY: WB,DM	DRAWN BY: DM,WB	CHECKED BY: LC

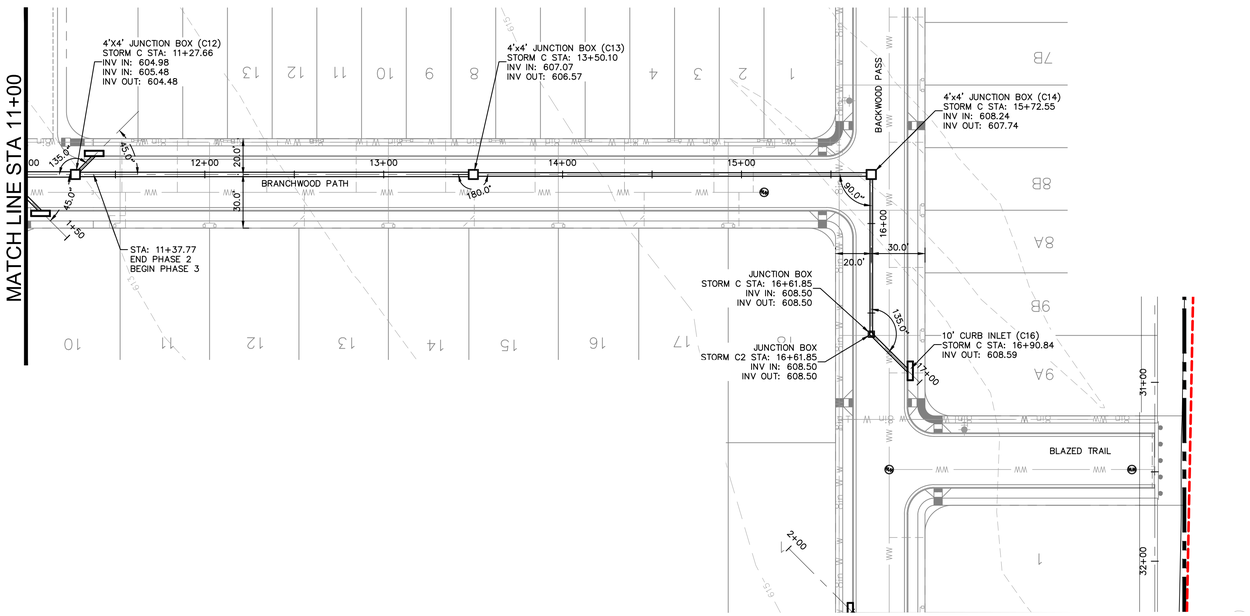
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

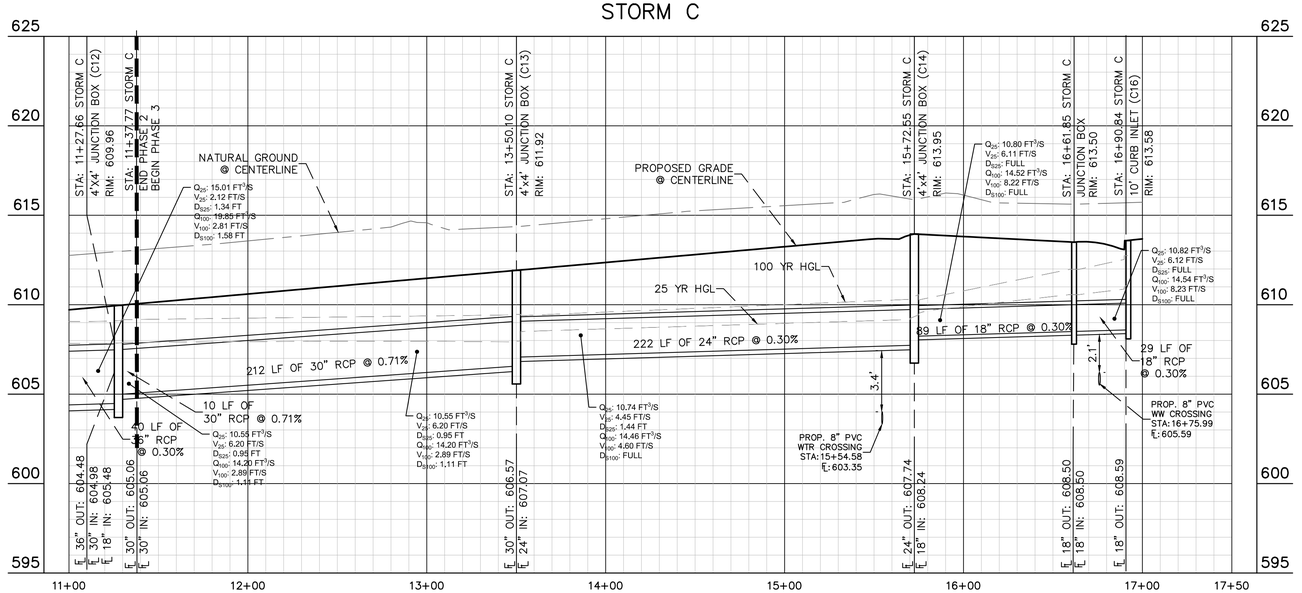
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

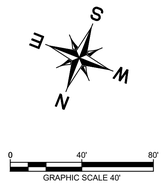
STORM PLAN & PROFILE LINE C (1 OF 2)

SHEET NUMBER
44 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:43:11pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

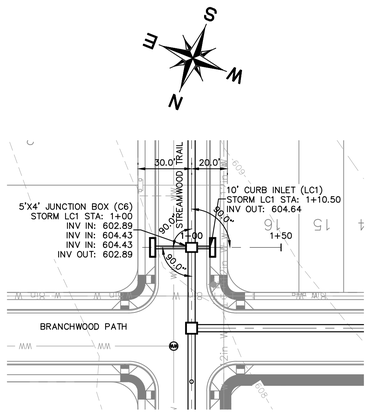
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

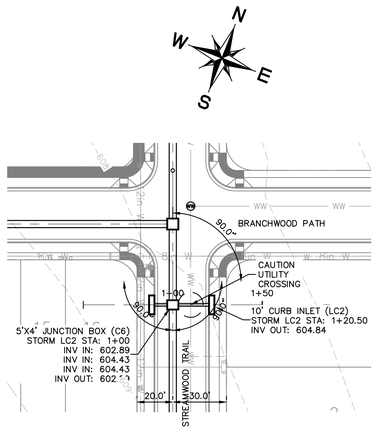
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

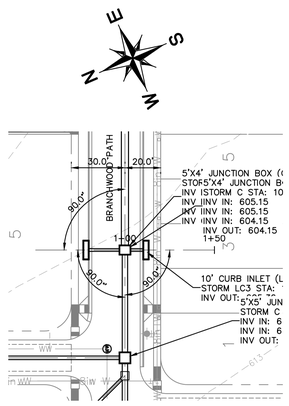
STORM PLAN & PROFILE LINE C (2 OF 2)

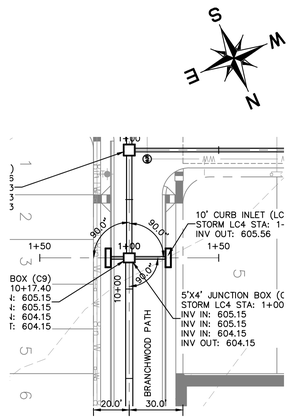
SHEET NUMBER
45 OF108

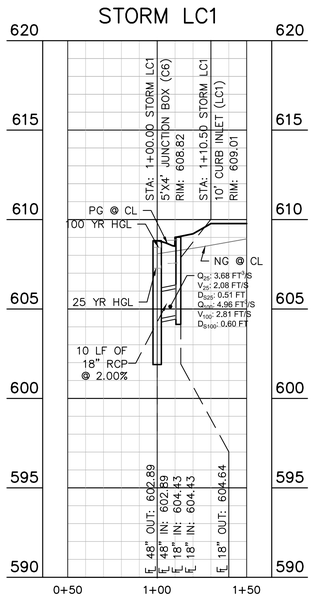
Plotted By:Hansen, Matthew Date:October 16, 2020 03:43:26pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

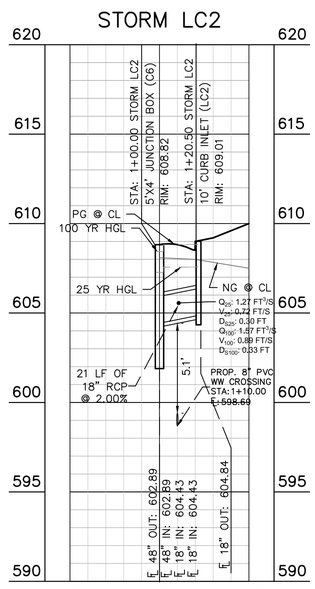


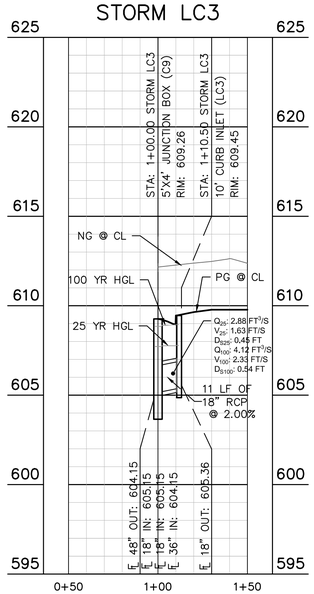


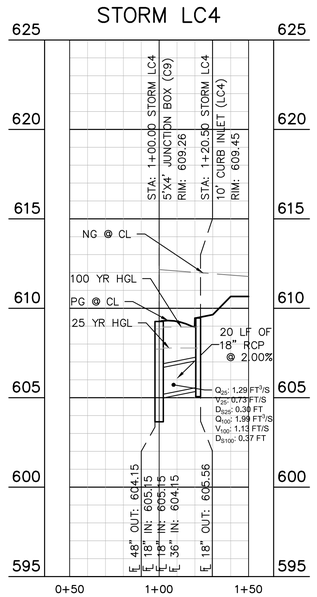








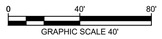




PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'



UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

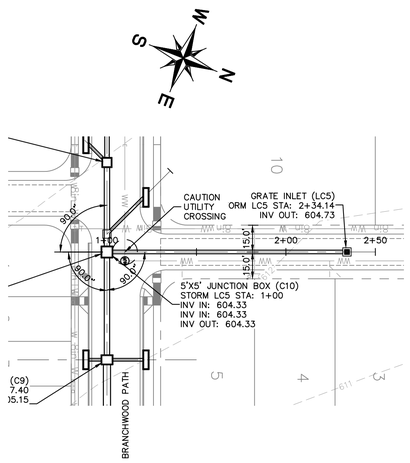
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

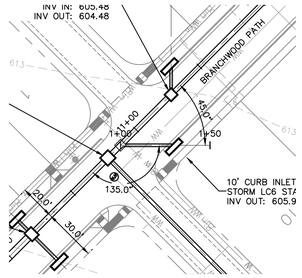
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

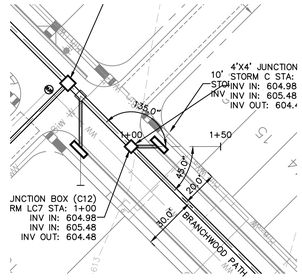
STORM PLAN & PROFILE C1 - C4

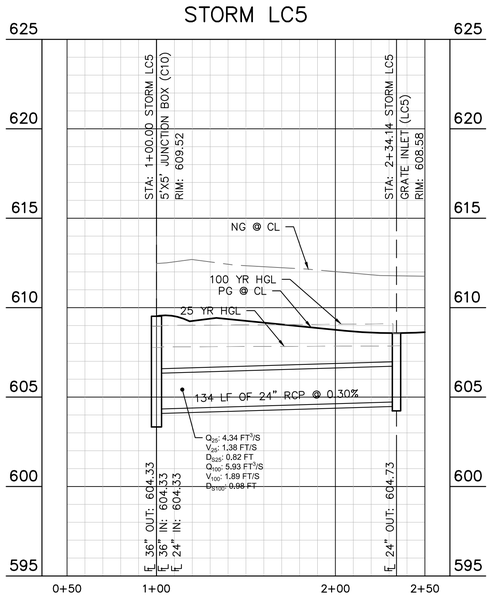
SHEET NUMBER
46 OF 108

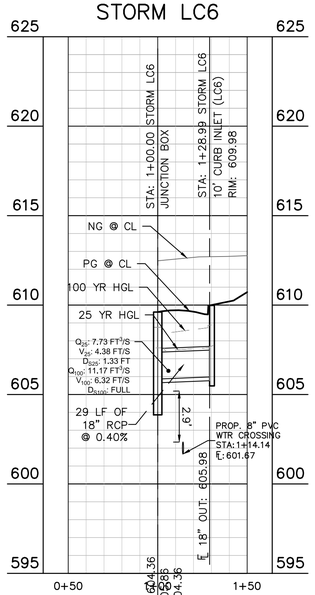
Plotted By:Hansen, Matthew Date:October 16, 2020 03:44:17pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

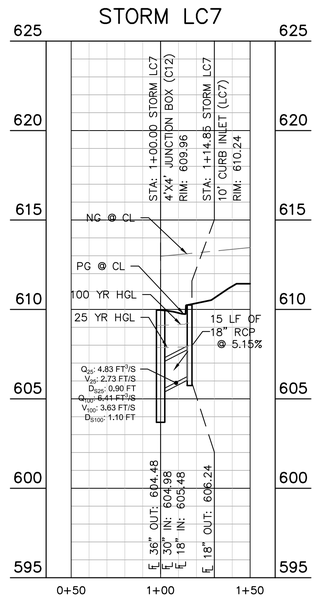


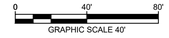












UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

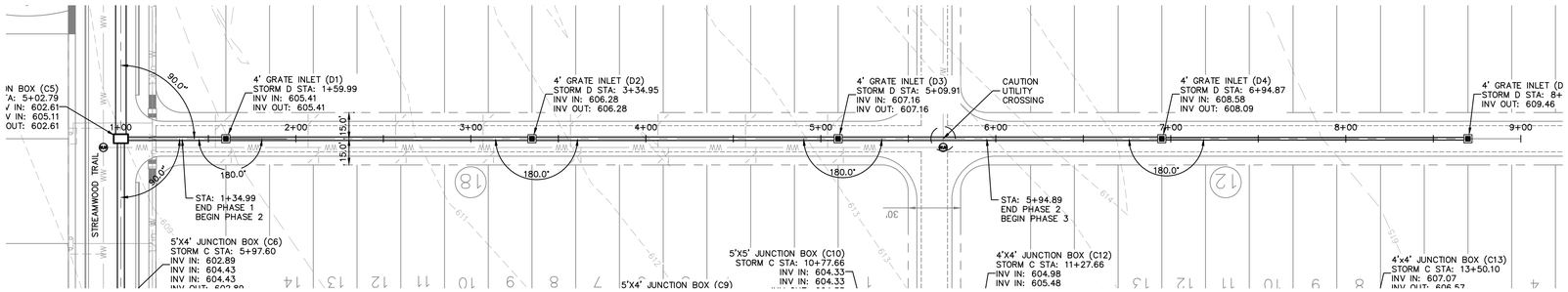
STORM PLAN & PROFILE C5 - C7

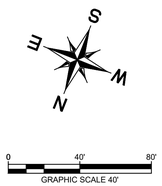
PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

SHEET NUMBER
47 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:45:06pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This documents together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

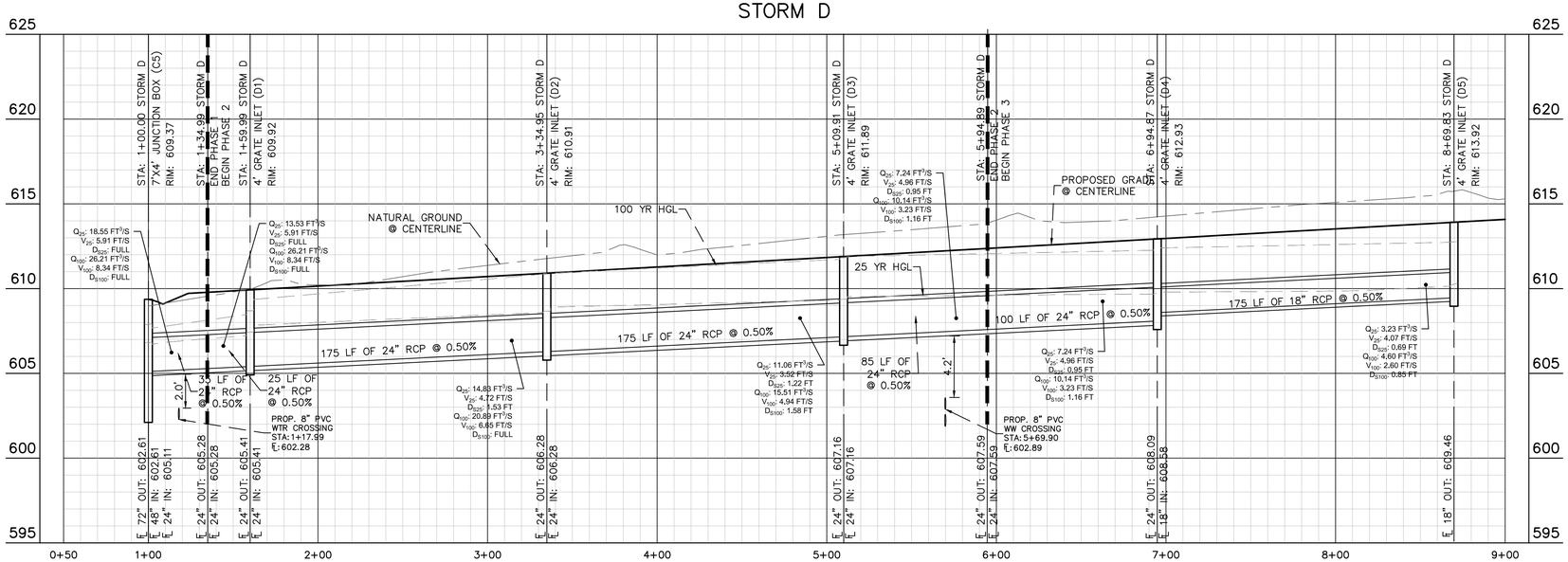




UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

STORM D



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

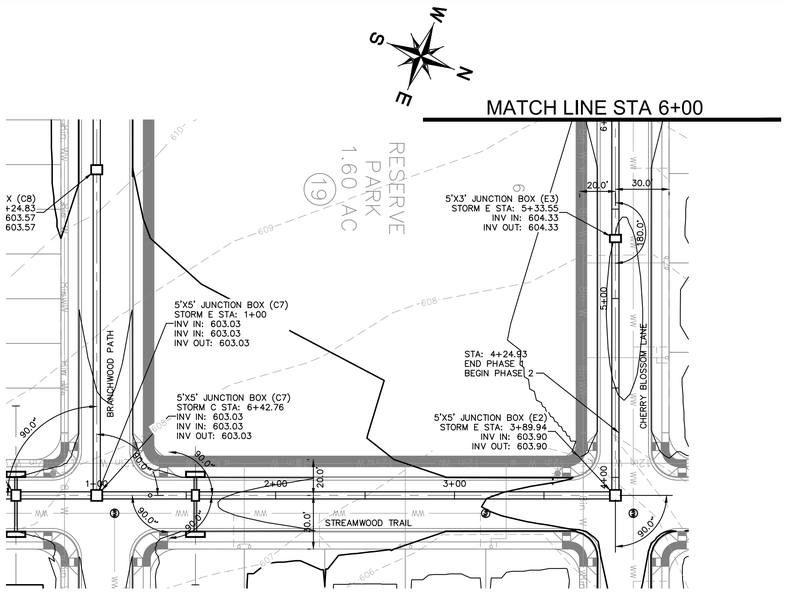
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

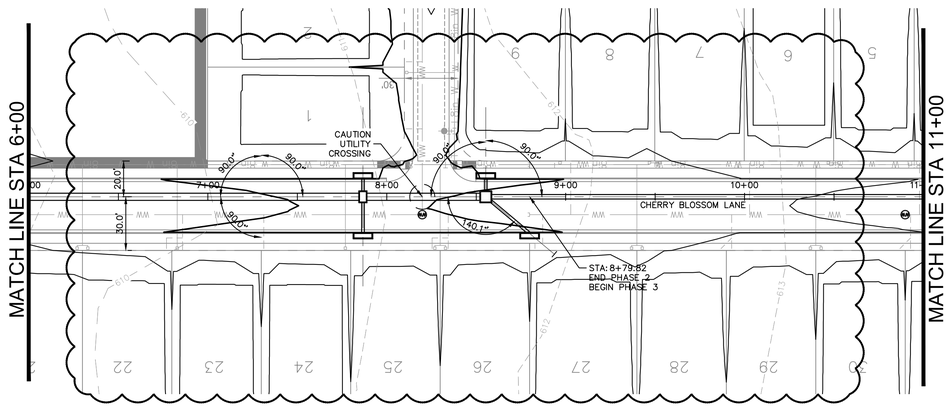
STORM PLAN & PROFILE LINE D

SHEET NUMBER
48 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:45:24pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This documents together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Buzzell, William Date:April 29, 2021 04:16:54pm File Path:K:\SAU_Civil\069278800_Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

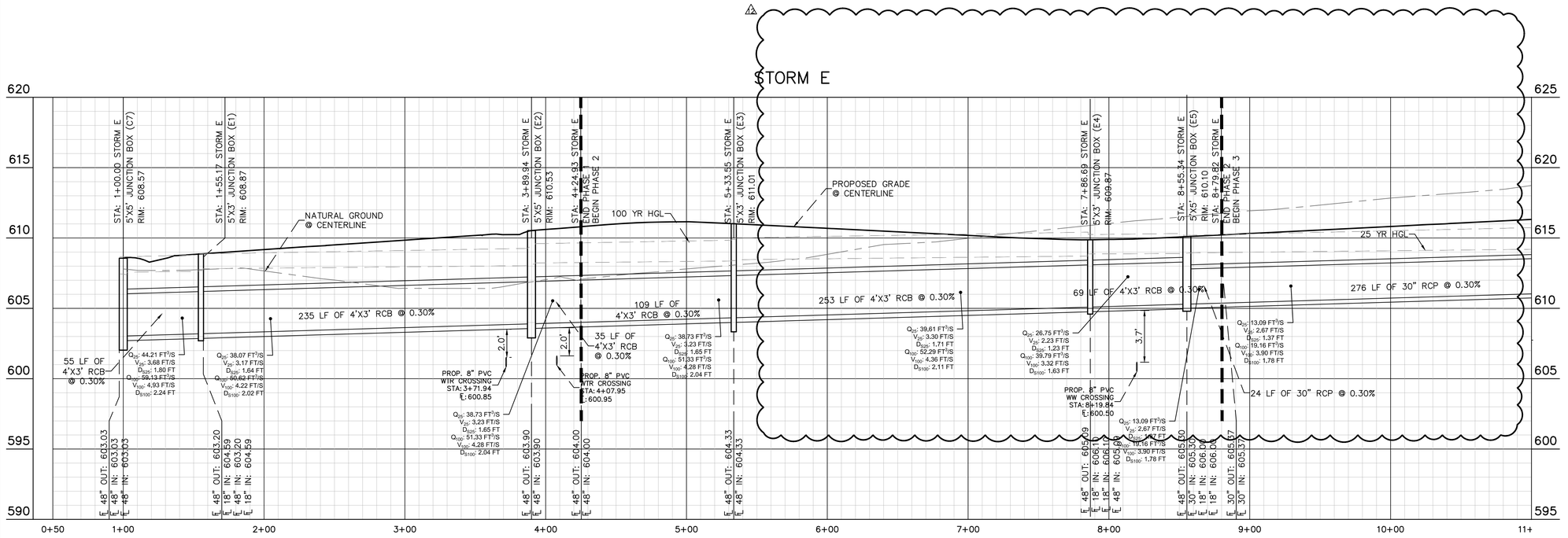




0 40' 80'
GRAPHIC SCALE 40'

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE



BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

No.	REVISIONS	DATE	BY
12	INLET LOCATION REVISION	4/29/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED PROFESSIONAL ENGINEER
04/29/2021

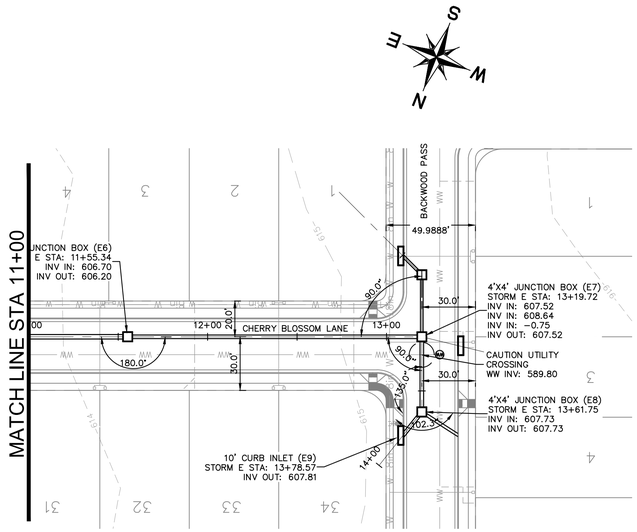
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

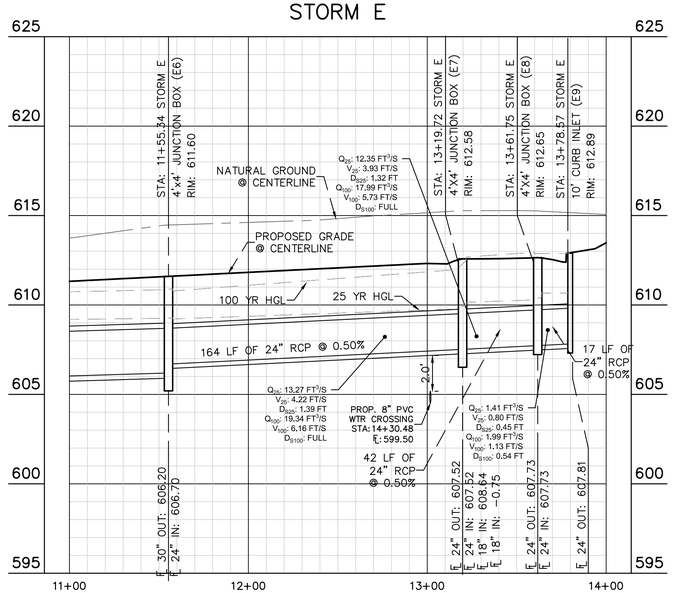
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

STORM PLAN & PROFILE LINE E (1 OF 2)

SHEET NUMBER
49 OF 108





0 40' 80'
GRAPHIC SCALE 40'

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- WW — EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

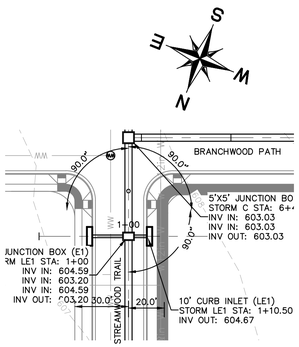
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

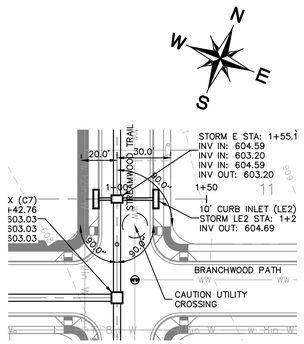
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

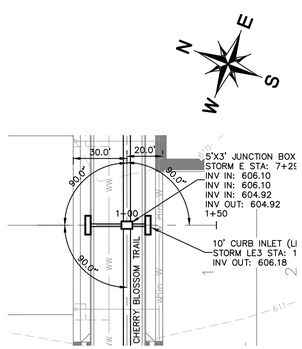
STORM PLAN & PROFILE LINE E(2 OF 2)

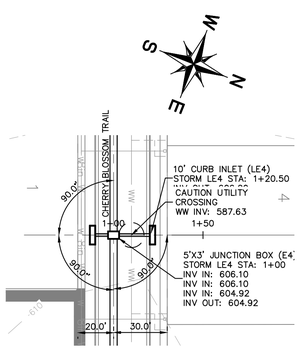
SHEET NUMBER
50 OF 108

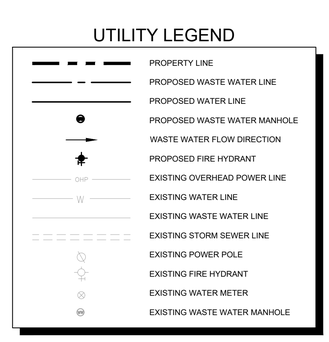
Plotted By:Hansen, Matthew Date:October 16, 2020 03:46:13pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

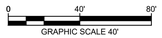


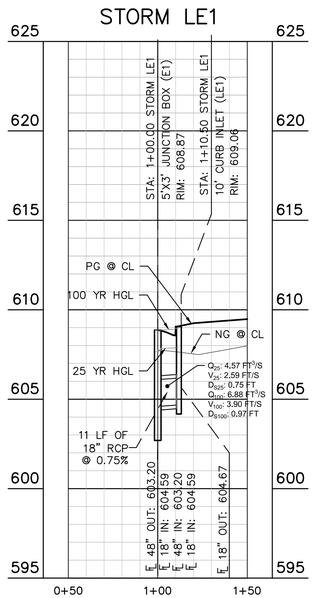


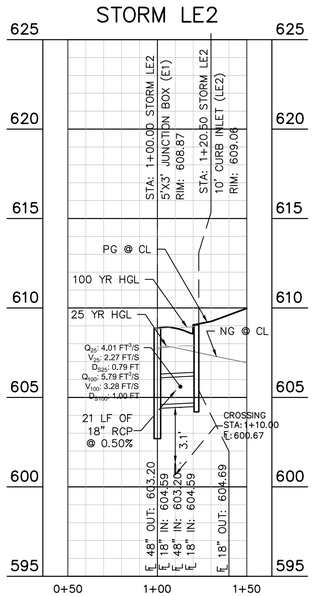


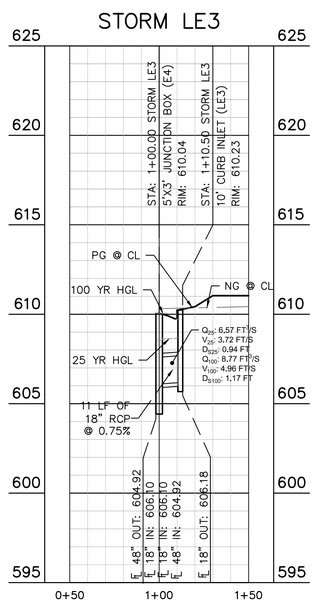


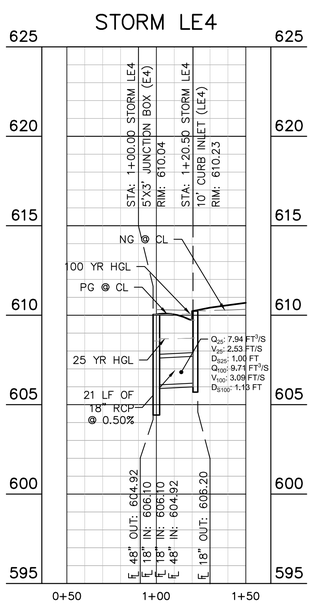












PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

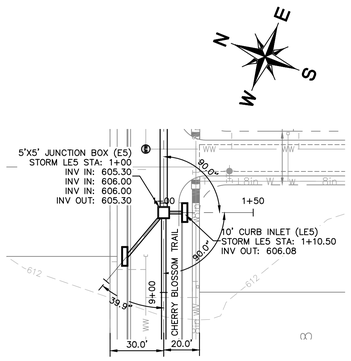
STORM PLAN & PROFILE LE1 - LE4

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

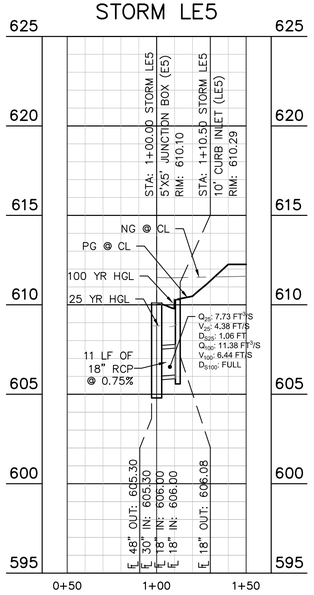
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

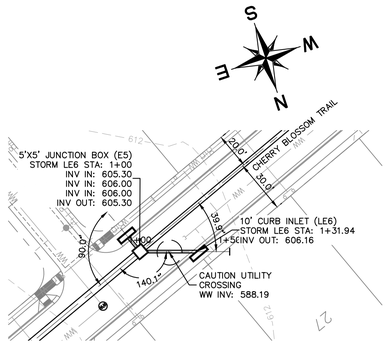
SHEET NUMBER
51 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:49:22pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

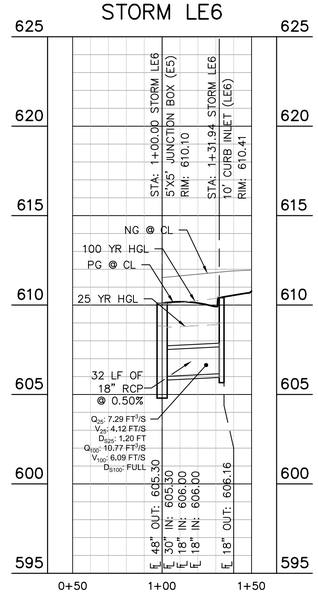


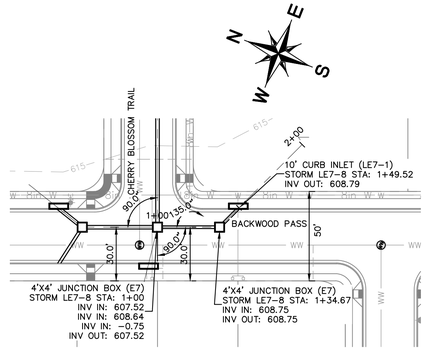
STORM LE5



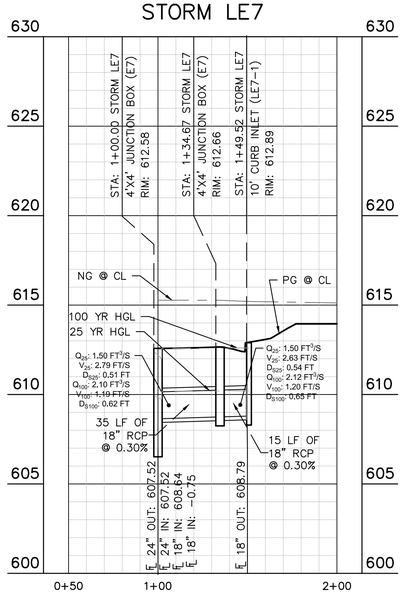


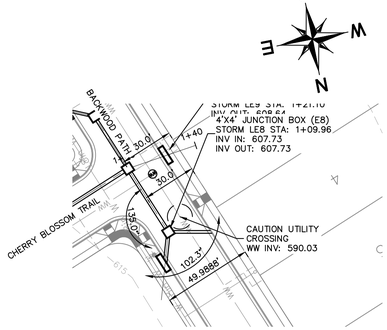
STORM LE6



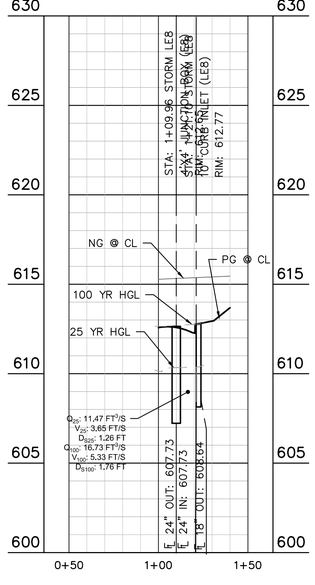


STORM LE7





STORM LE8





UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- WW — EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE: JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

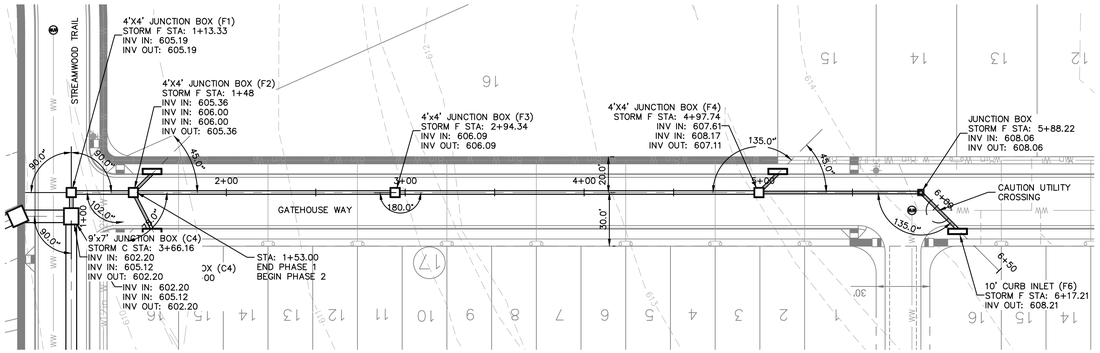
STORM PLAN & PROFILE LE5 - LE8

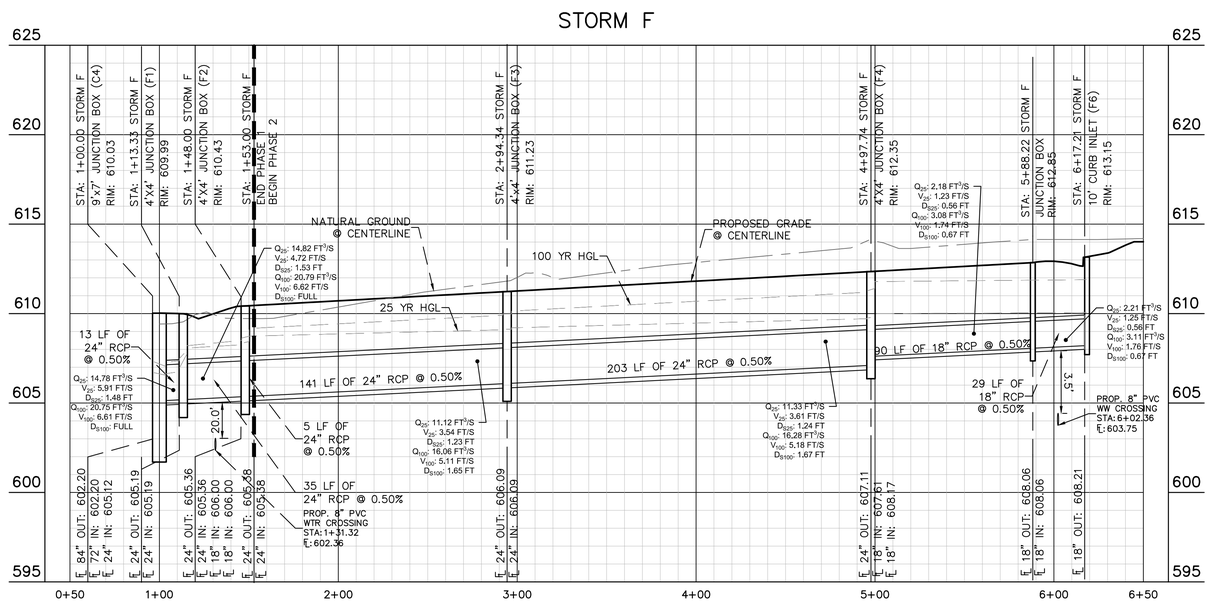
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
52 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:50:11pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

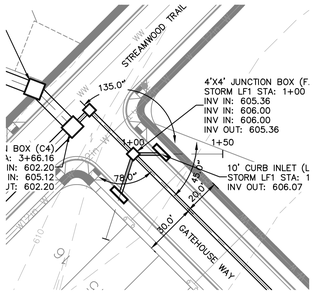
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

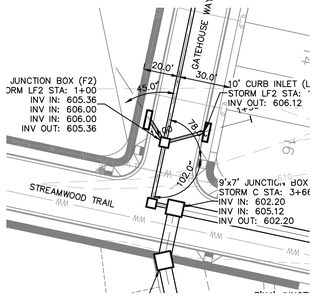
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

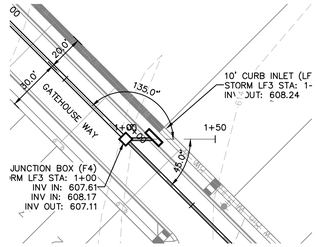
STORM PLAN & PROFILE LINE F

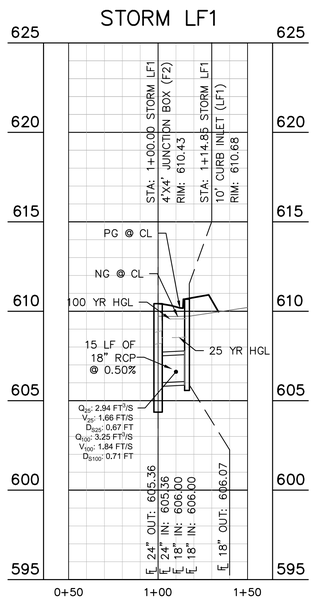
SHEET NUMBER
53 OF 108

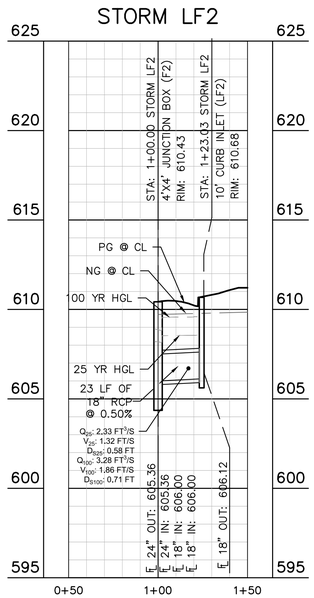
Plotted By:Hansen, Matthew Date:October 16, 2020 03:50:28pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

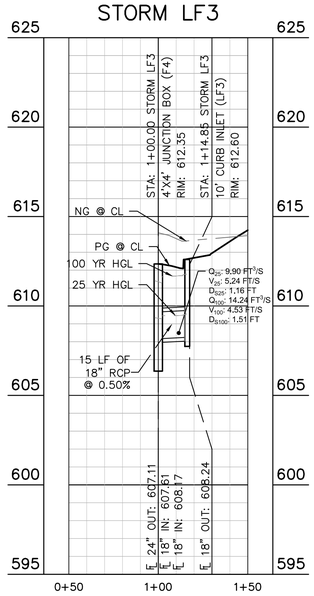














UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

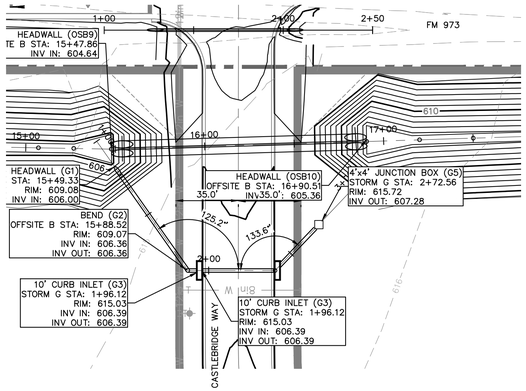
STORM PLAN & PROFILE F1 - F3

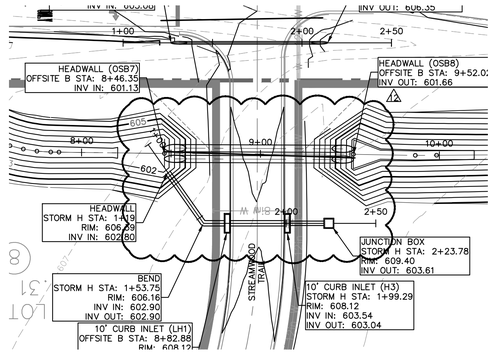
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

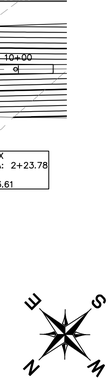
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

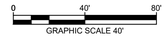
SHEET NUMBER
54 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 03:51:15pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





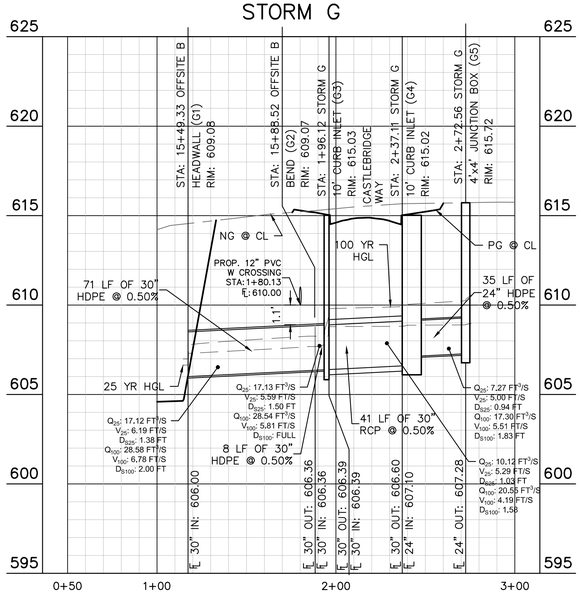




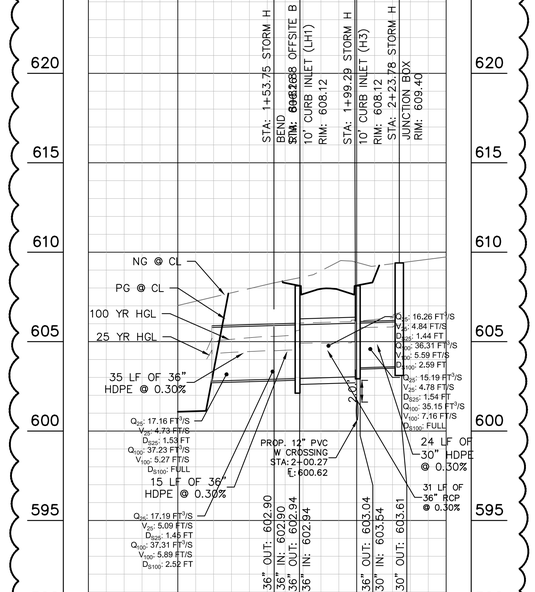
UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

STORM G



STORM H



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY
12	INLET LOCATION REVISION	4/29/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
04/29/2021

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

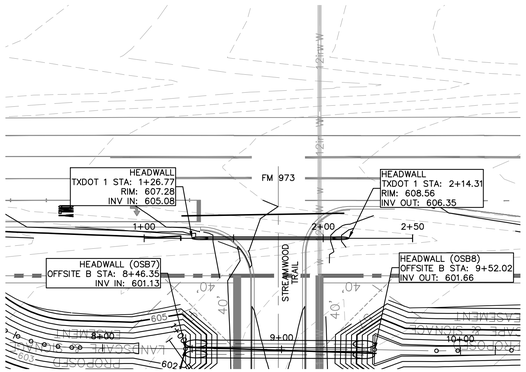
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

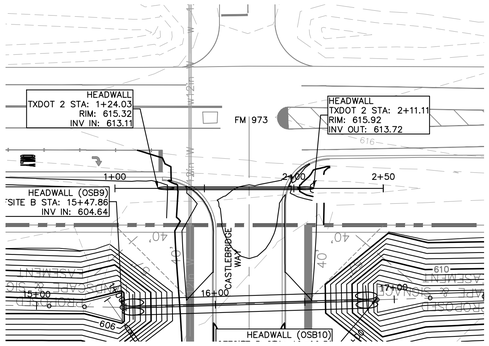
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

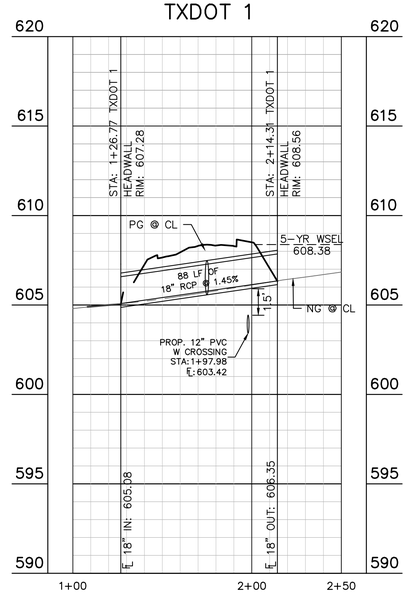
STORM PLAN & PROFILE LINE G & H

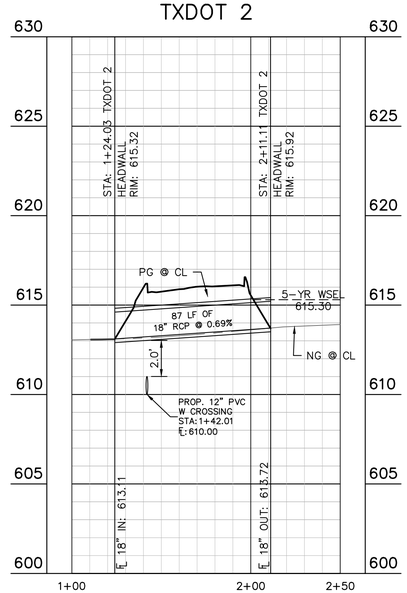
SHEET NUMBER
55 OF108

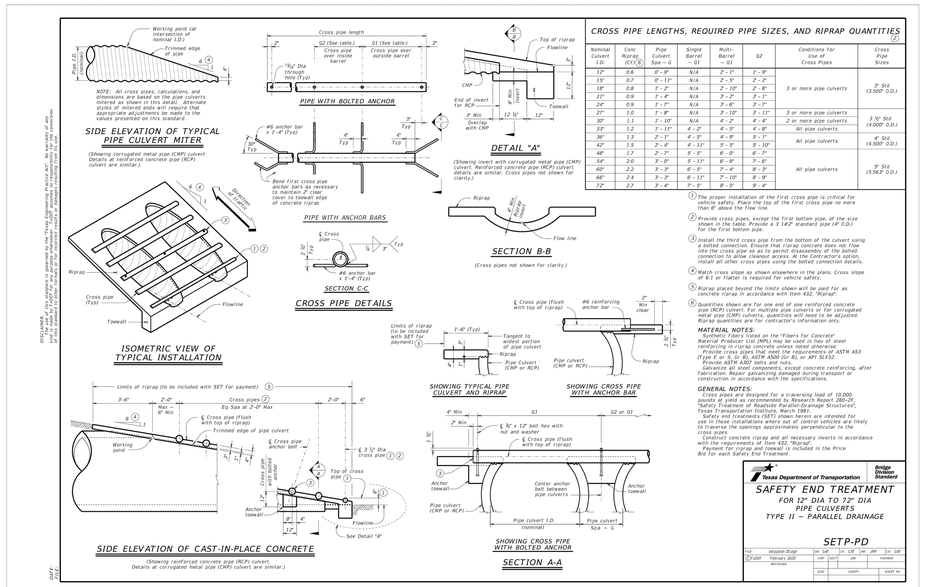
Plotted By:Buzzelli, William Date:April 29, 2021 03:57:55pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.











Nominal Culvert I.D.	Conc. Riprap (CY) 6	Pipe Culvert Spa – 6	Single Barrel – Q1	Multi-Barrel – Q1	Q2	Conditions for Use of Cross Pipes	Cross Pipe Sizes
12"	0.6	0' – 9"	N/A	2' – 1"	1' – 9"	3 or more pipe culverts	3" Std (3.500" O.D.)
15"	0.7	0' – 11"	N/A	2' – 5"	2' – 2"		
18"	0.8	1' – 2"	N/A	2' – 10"	2' – 8"		
21"	0.9	1' – 4"	N/A	3' – 2"	3' – 1"		
24"	0.9	1' – 7"	N/A	3' – 6"	3' – 5"		
27"	1.0	1' – 8"	N/A	3' – 10"	3' – 11"	3 or more pipe culverts	3 ½" Std (4.000" O.D.)
30"	1.1	1' – 10"	N/A	4' – 2"	4' – 4"	2 or more pipe culverts	
33"	1.2	1' – 11"	4' – 2"	4' – 5"	4' – 8"	All pipe culverts	
36"	1.3	2' – 1"	4' – 5"	4' – 9"	5' – 1"	All pipe culverts	4" Std (4.500" O.D.)
42"	1.5	2' – 4"	4' – 11"	5' – 5"	5' – 10"		
48"	1.7	2' – 7"	5' – 3"	6' – 0"	6' – 7"		
54"	2.0	3' – 0"	5' – 11"	6' – 9"	7' – 6"	All pipe culverts	5" Std (5.563" O.D.)
60"	2.2	3' – 3"	6' – 5"	7' – 4"	8' – 3"		
66"	2.4	3' – 7"	6' – 11"	7' – 10"	8' – 9"		
72"	2.7	3' – 4"	7' – 5"	8' – 5"	9' – 4"		

1. The proper installation of the first cross pipe is critical for the safety end treatment. Set the first cross pipe no more than 8" above the flow line.
2. Provide cross pipes, except the first bottom pipe, of the size shown in the table. Provide a 3 1/4" standard pipe (4" O.D.) for the first bottom pipe.
3. Install the third cross pipe from the bottom of the culvert using a standard coupling band. Cut the cross pipe and insert it into the cross pipe so as to permit disassembly of the bolted connection to allow cleanout access. At the Contractor's option, install all other cross pipes using the bolted connection details.
4. Match cross slope as shown elsewhere in the plans. Cross slope of 6% or flatter is required for vehicle safety.
5. Riprap placed beyond the limits shown will be paid for as concrete riprap in accordance with Item 432, "Riprap".
6. Quantities shown are for one end of one reinforced concrete pipe (RCP) culvert. For multiple pipe culverts or for corrugated metal pipe (CMP) culverts, quantities will need to be adjusted. Riprap quantities are for contractor's information only.

MATERIAL NOTES:
Synthetic fibers listed on the "Fibers For Concrete" Material Producer List (MPL) may be used in lieu of steel reinforcing in riprap concrete unless noted otherwise.
Provide cross pipes that meet the requirements of ASTM A53 Gr. B, API 5L Gr. B, API 5L X42 Gr. B, or API 5LX52.
Provide ASTM A307 bolts and nuts.
Galvanize all steel components, except concrete reinforcing, after fabrication. Repair galvanizing damaged during transport or construction in accordance with the specifications.

GENERAL NOTES:
Cross pipes are designed for a traversing load of 10,000 pounds per linear foot in accordance with Chapter 3901.4, "Safety Treatment of Roadside Parallel-Drainage Structures", Texas Transportation Institute, March 1981.
Safety end treatments (SET) shown herein are intended for use in those installations where out of control vehicles are likely to enter the openings approximately perpendicular to the cross pipes.
Construct concrete riprap and all necessary inverts in accordance with the requirements of Item 432, "Riprap".
Payment for riprap and toewall is included in the Price Bid for each Safety End Treatment.

Texas Department of Transportation — Bridge Division Standard

DISCLAIMER
THIS STANDARD IS PROVIDED AS A GUIDE TO THE GENERAL DESIGN PRACTICES PREFERRED BY THE DEPARTMENT. IT IS NOT INTENDED TO BE A COMPLETE SPECIFICATION FOR ANY PARTICULAR PROJECT. THE ENGINEER IS RESPONSIBLE FOR THE SAFE AND ADEQUATE DESIGN OF ALL ENGINEERING WORKS PREPARED UNDER HIS SUPERVISION AND FOR THE CORRECTION OF ERRORS OR OMISSIONS IN SUCH WORKS.

FILE:	setpstm-20.dgn	DN: TxDOT	CK:	DW:	CK:
©TxDOT	February 2020	CONT	SECT	JOB	HIGHWAY
	REVISIONS	DIST	COUNTY		SHEET NO.

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL



UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/27/2020

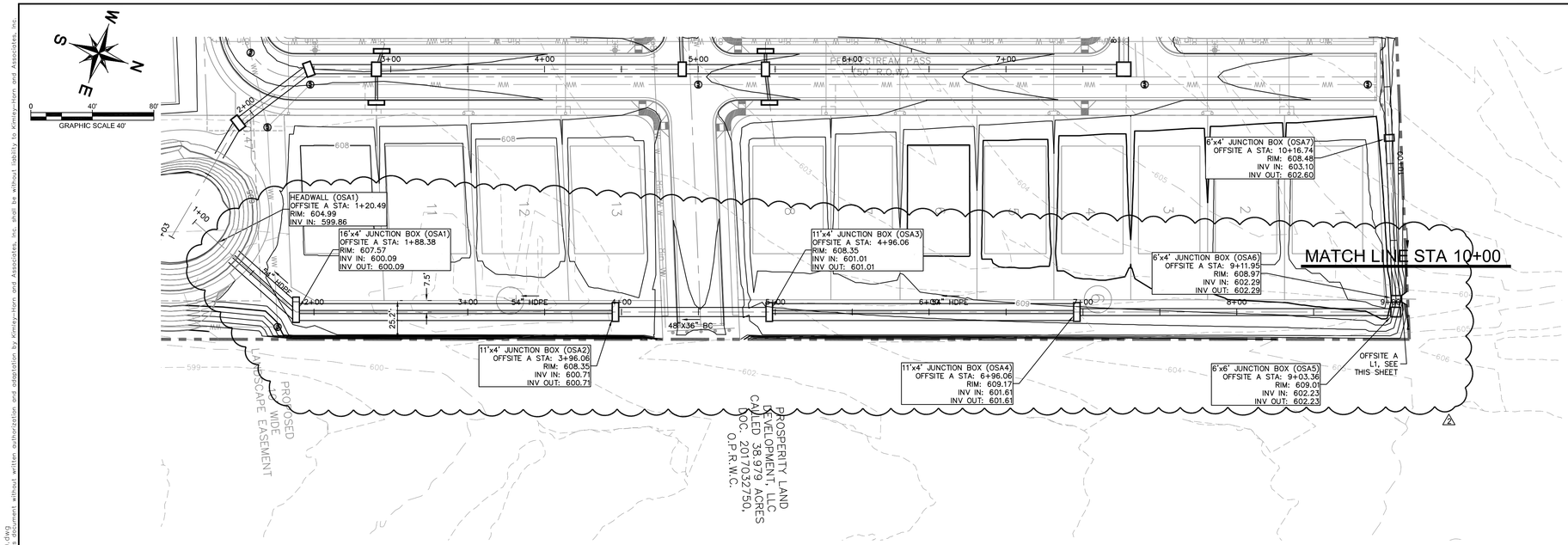
KHA PROJECT	069278800
DATE:	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

STORM PLAN & PROFILE
LINE TXDOT 1 & 2

CASTLEWOOD
SINGLE FAMILY
PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
56 OF 108

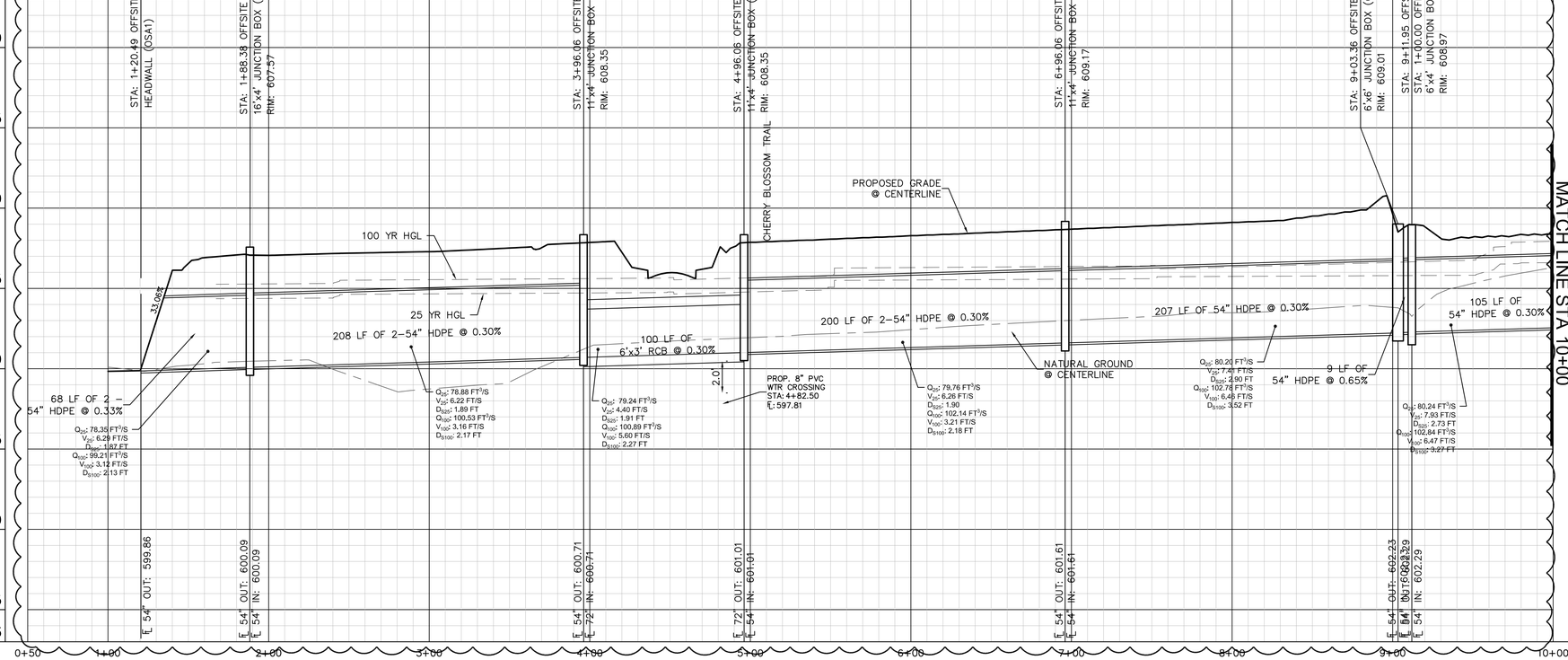
Plotted By:Buzzell, William Date:October 28, 2020 08:43:20am File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.



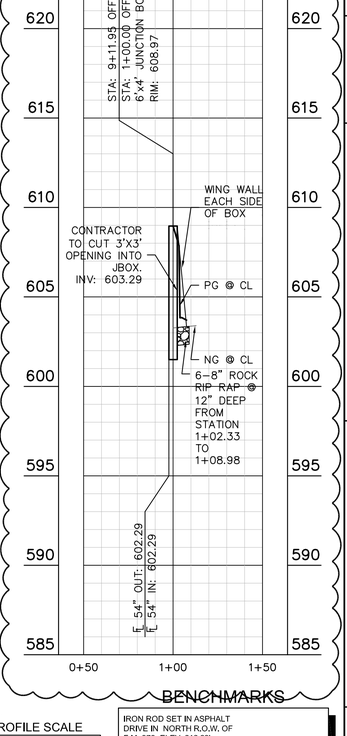
UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

OFFSITE A



OFFISTE A L1



No.	REVISIONS	DATE	BY
2	OFFSET CHANNEL 10' DUE TO WALL	3/11/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
04/29/2021

KHA PROJECT 069278800
DATE: JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

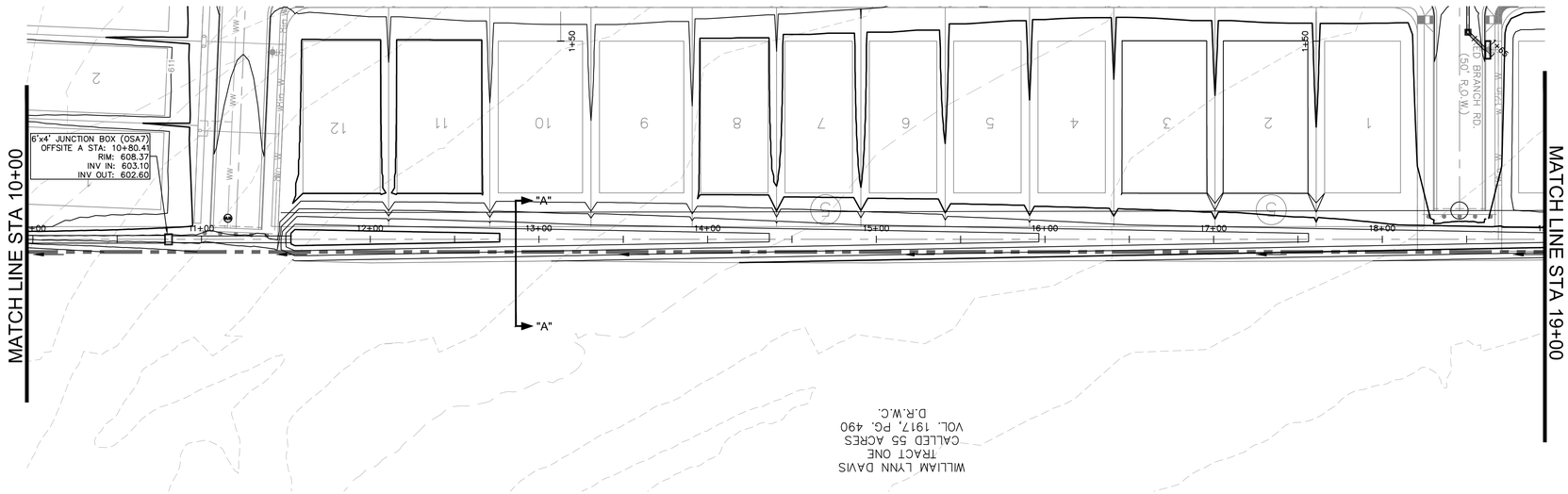
OFFSITE DRAINAGE CHANNEL A (1 OF 3)

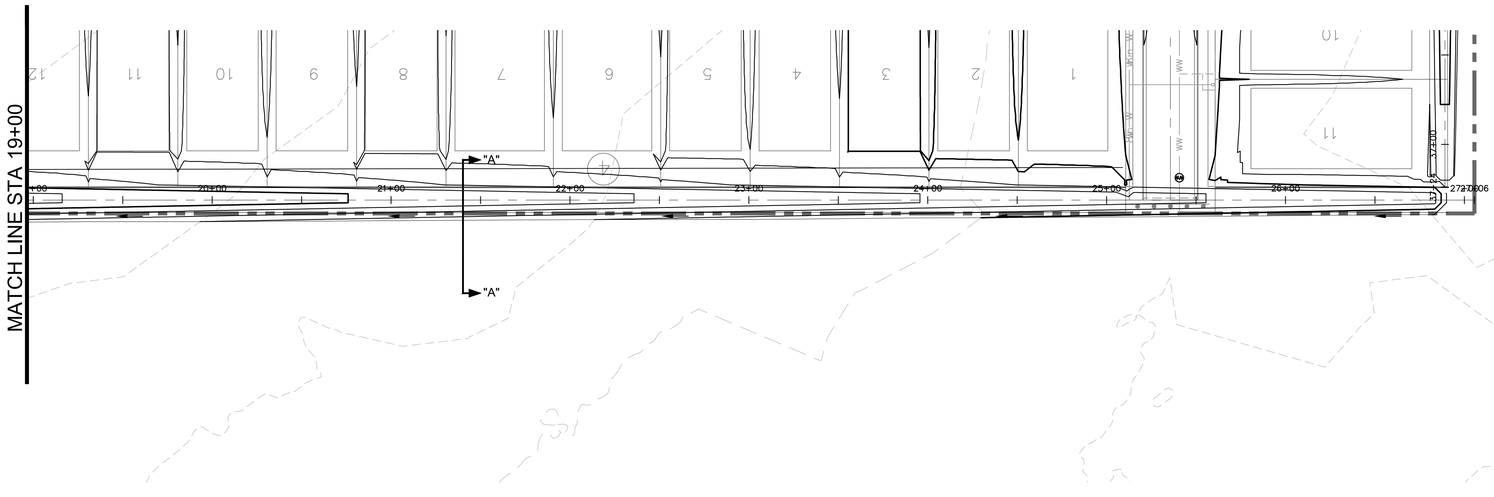
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

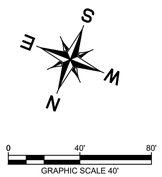
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
57 OF 108

Plotted By:Buzzell, William Date:April 29, 2021 06:56:27pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.


MATCH LINE STA 10+00
MATCH LINE STA 19+00
6'x4' JUNCTION BOX (OSA7)
OFFSITE A STA: 10+80.41
RIM: 608.37
INV IN: 603.10
INV OUT: 602.60
"A"
"A"
1+50
1+50
10+00
11+00
12+00
13+00
14+00
15+00
16+00
17+00
18+00
1
2
3
4
5
6
7
8
9
10
11
12
2
611
WW
WW
WW

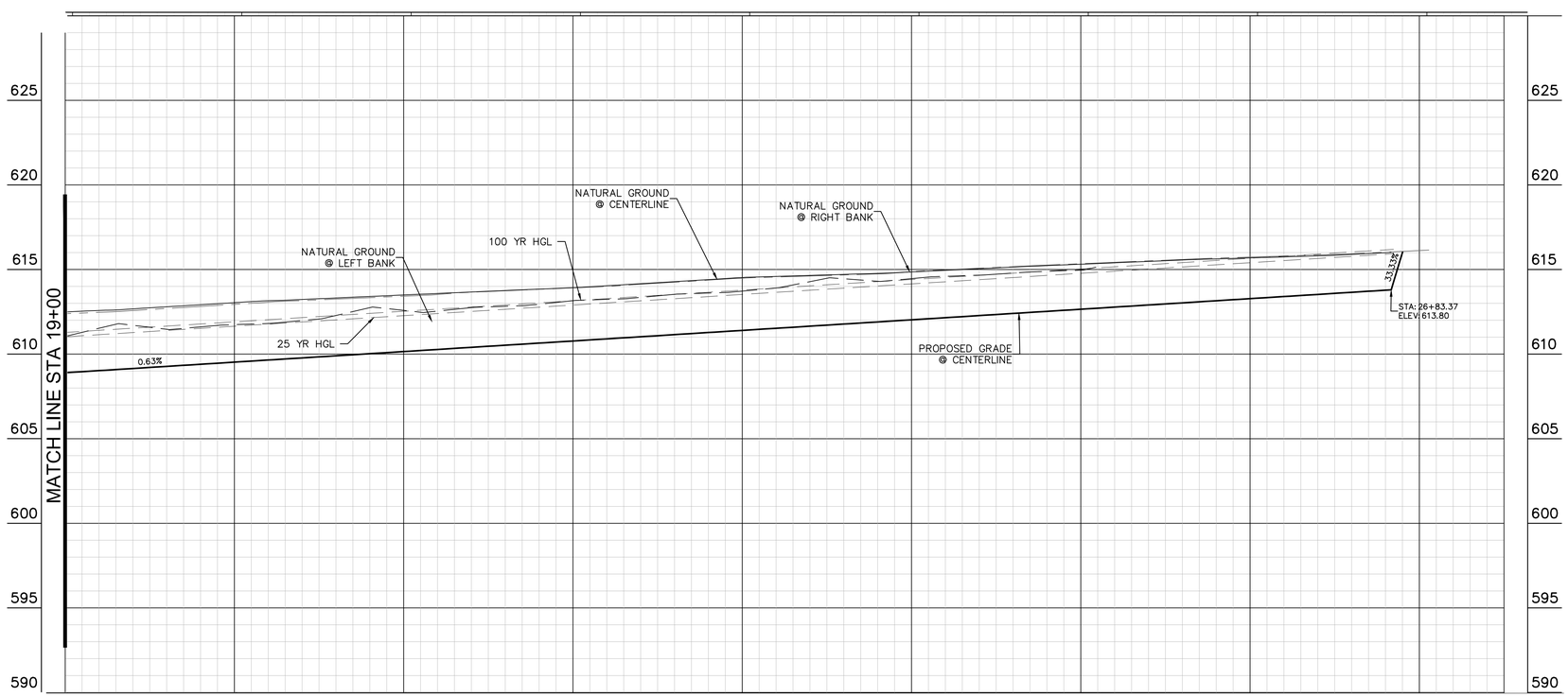


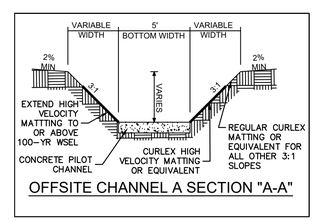


UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

OFFSITE A





OFFSITE CHANNEL A SECTION "A-A"

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

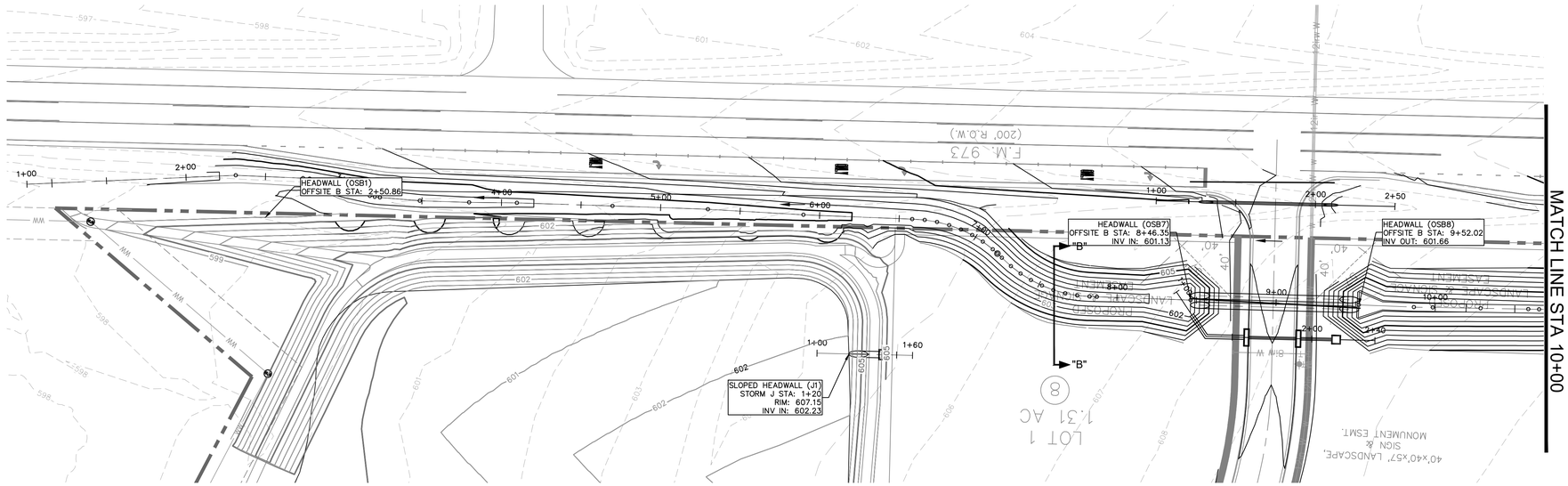
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

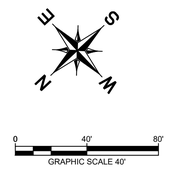
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

OFFSITE DRAINAGE CHANNEL A (3 OF 3)

SHEET NUMBER
59 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:45:00pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

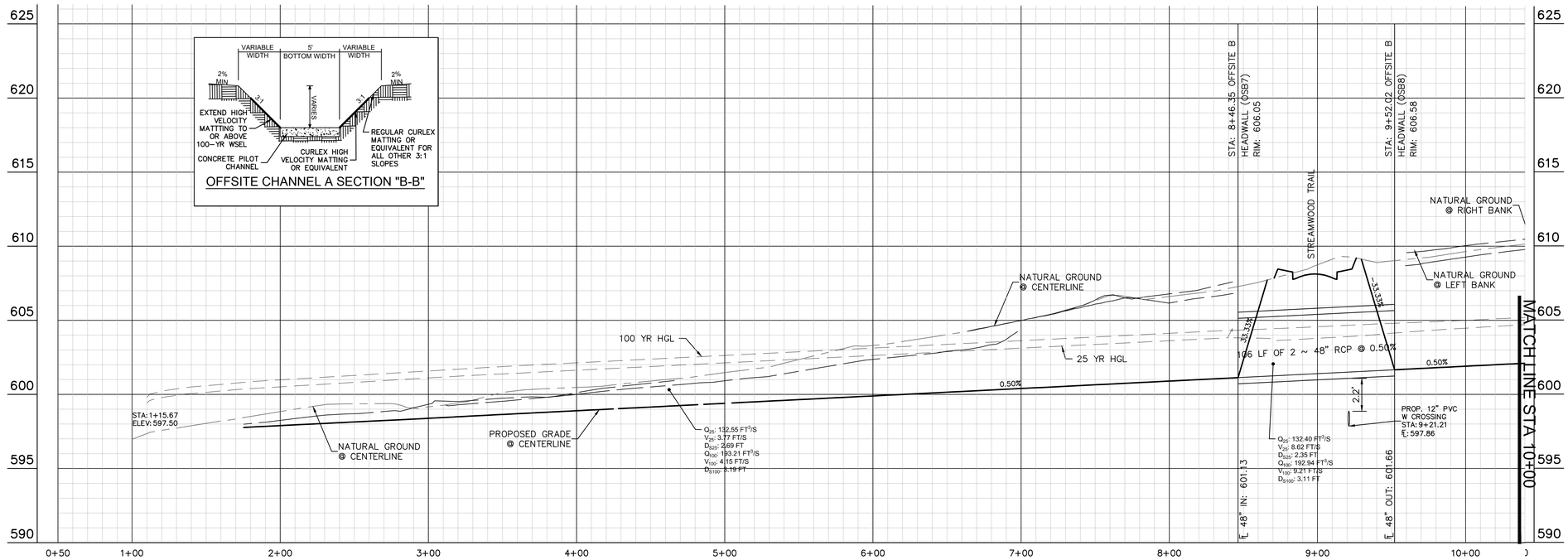




UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

OFFSITE B



OFFSITE CHANNEL A SECTION "B-B"

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

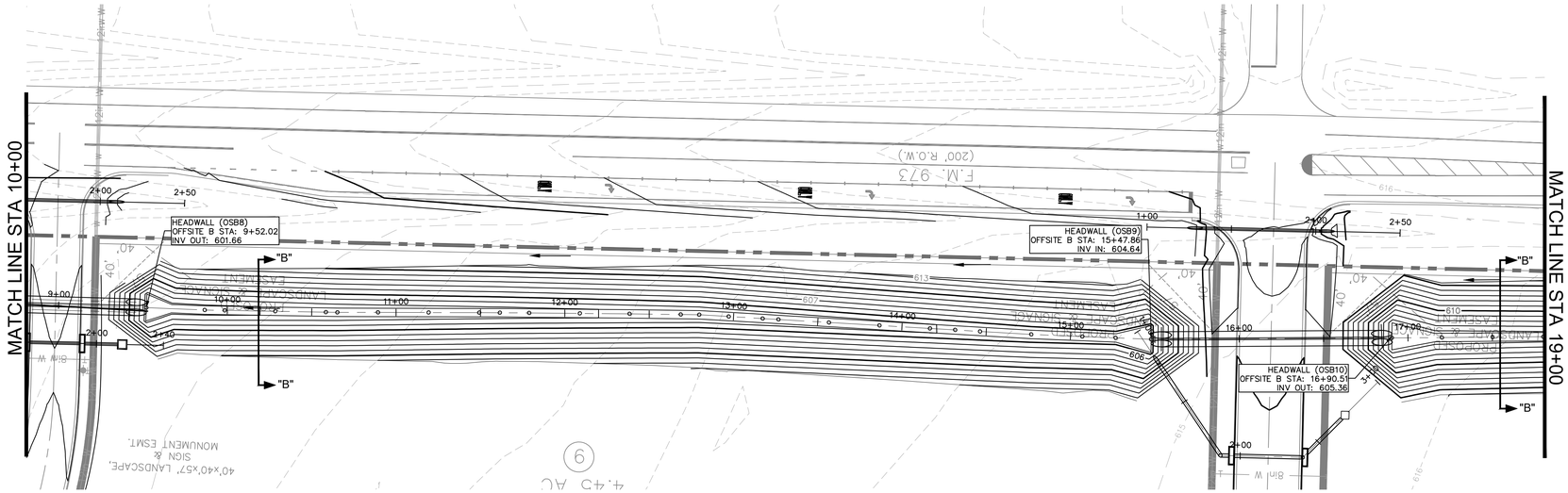
OFFSITE DRAINAGE CHANNEL B (1 OF 5)

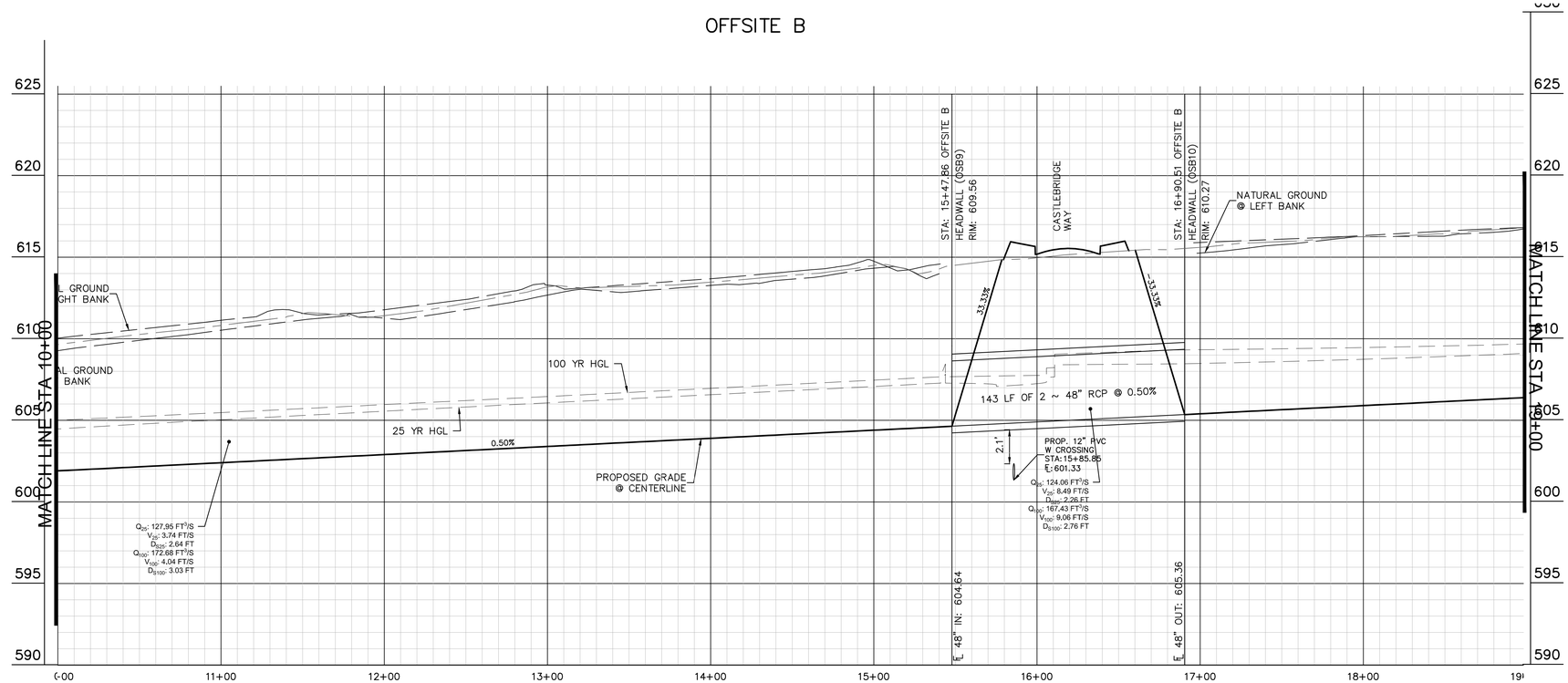
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

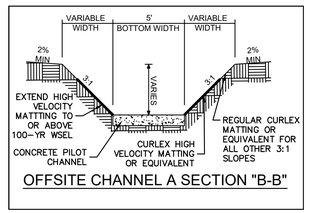
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
60 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 05:15:49pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.







OFFSITE CHANNEL A SECTION "B-B"



0 40' 80'

GRAPHIC SCALE 40'

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

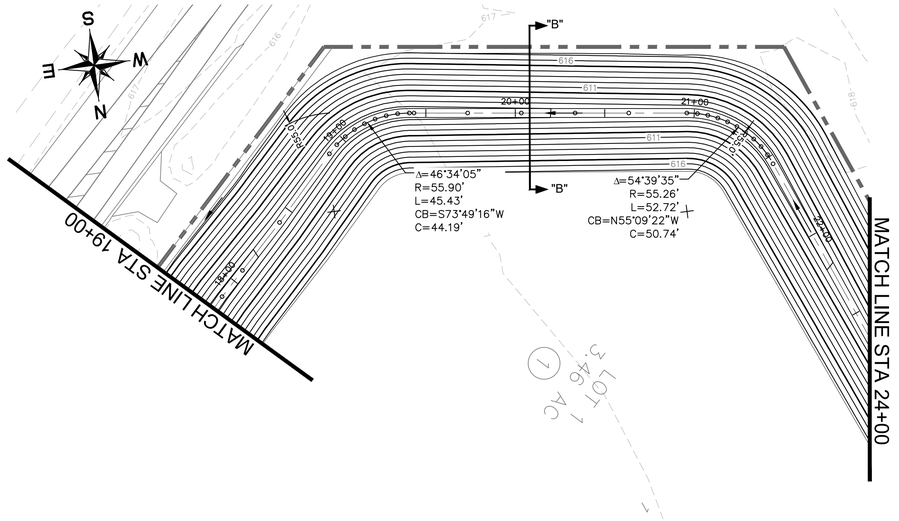
OFFSITE DRAINAGE CHANNEL B (2 OF 5)

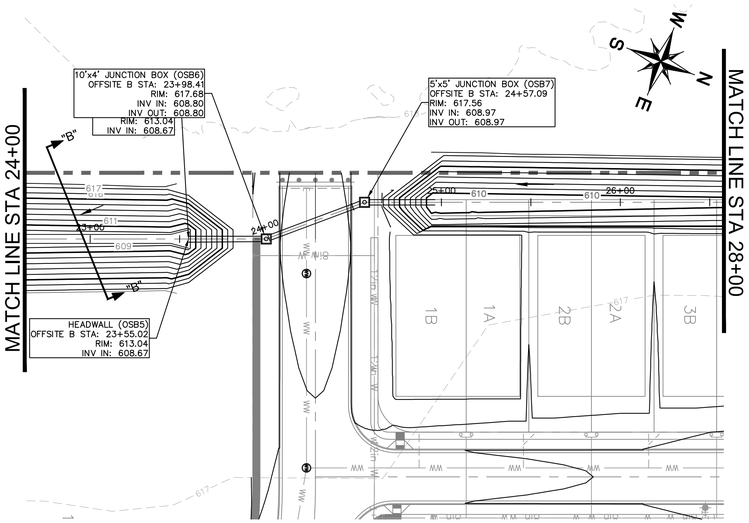
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
61 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 05:07:59pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



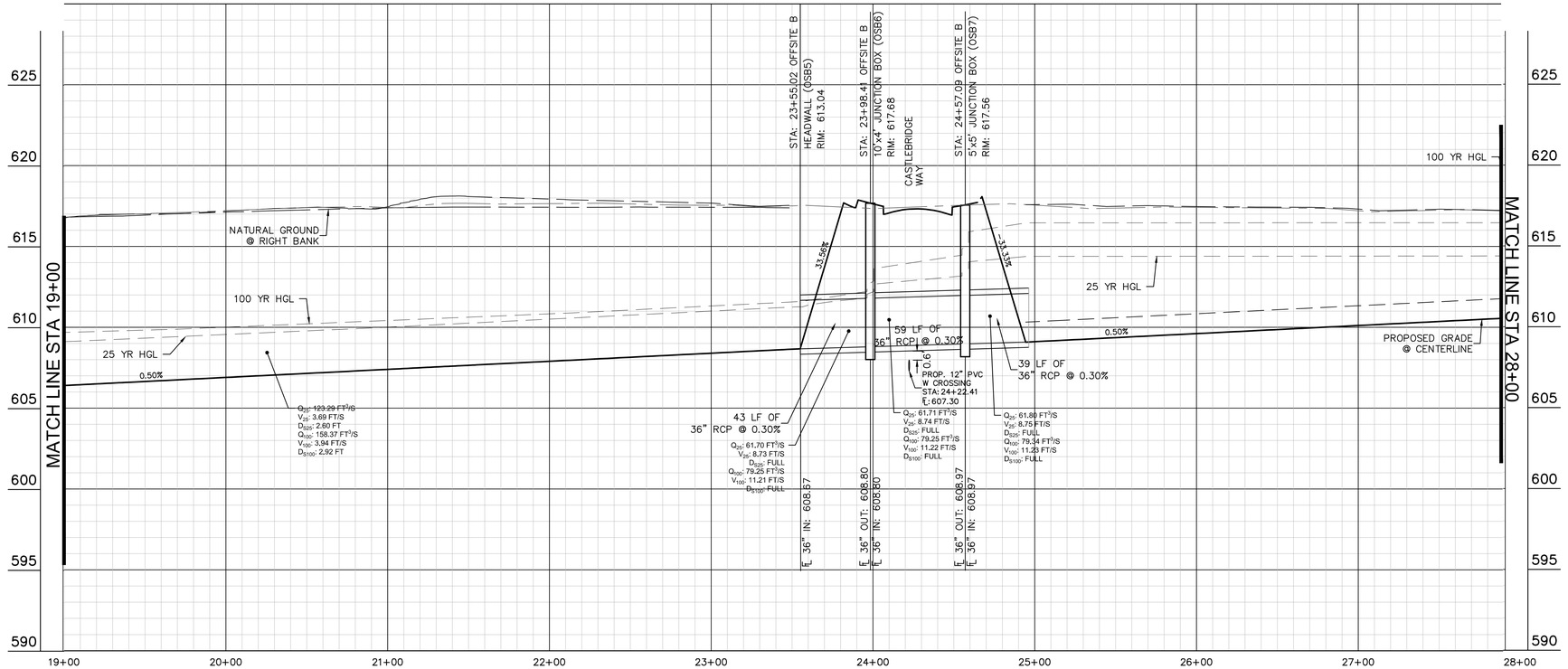


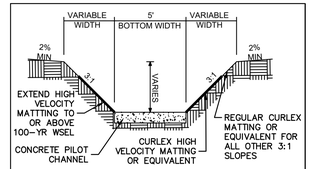
0 40' 80'
GRAPHIC SCALE 40'

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

OFFSITE B





OFFSITE CHANNEL A SECTION "B-B"

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

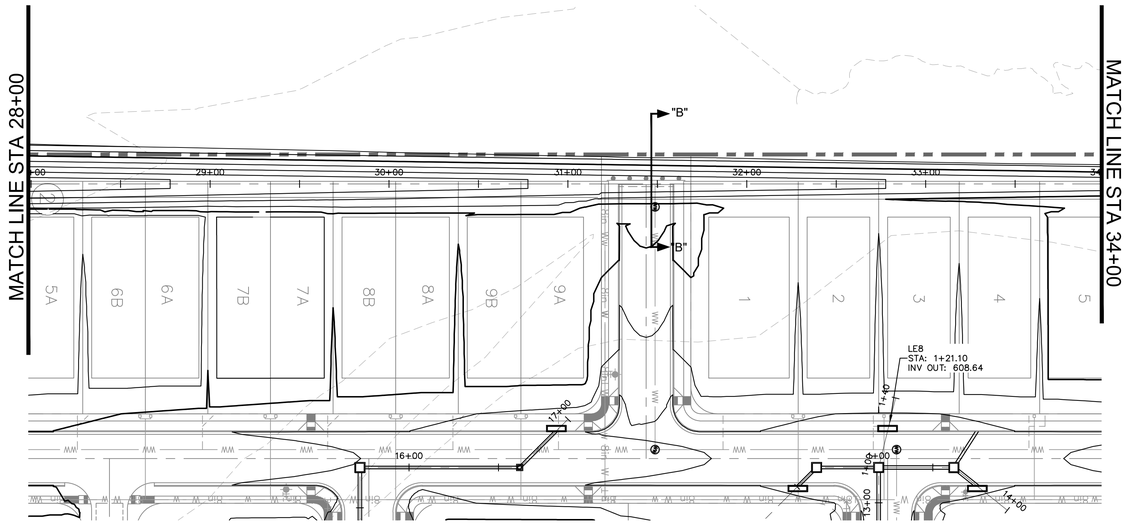
OFFSITE DRAINAGE CHANNEL B (3 OF 5)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

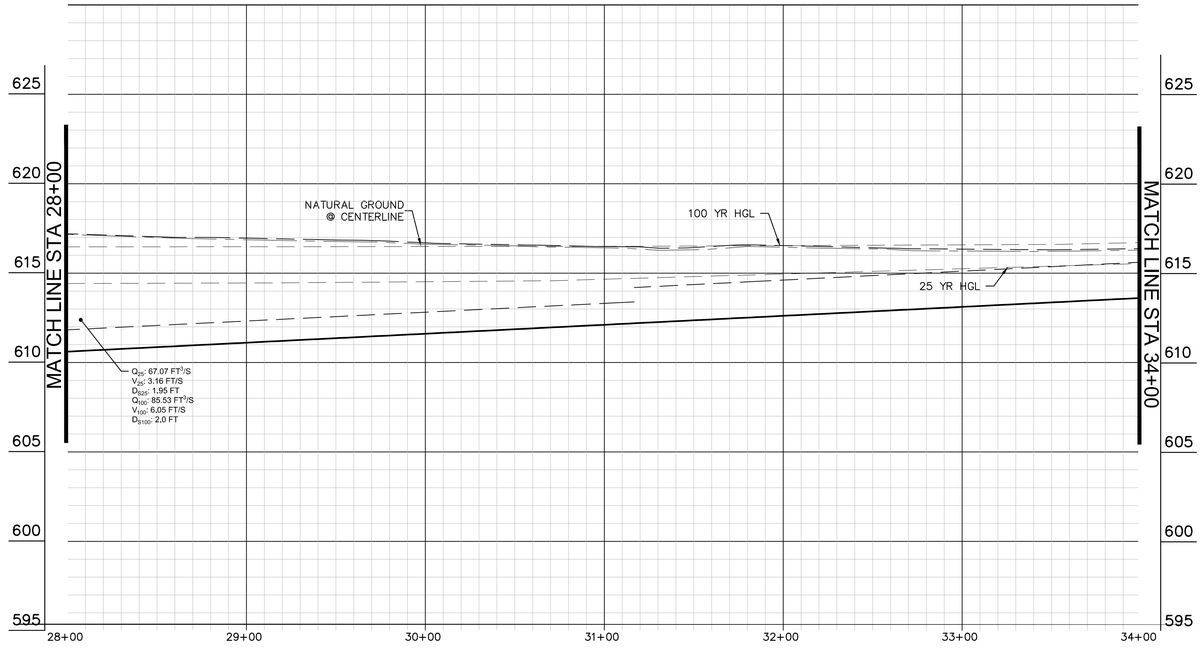
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

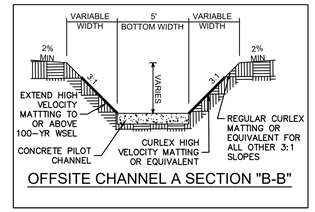
SHEET NUMBER
62 OF108

Plotted By: Hansen, Matthew Date: October 16, 2020 05:08:56pm File Path: K:\SAU_Civil\069278800_Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

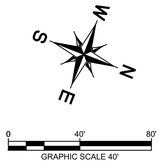


OFFSITE B





OFFSITE CHANNEL A SECTION "B-B"



UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

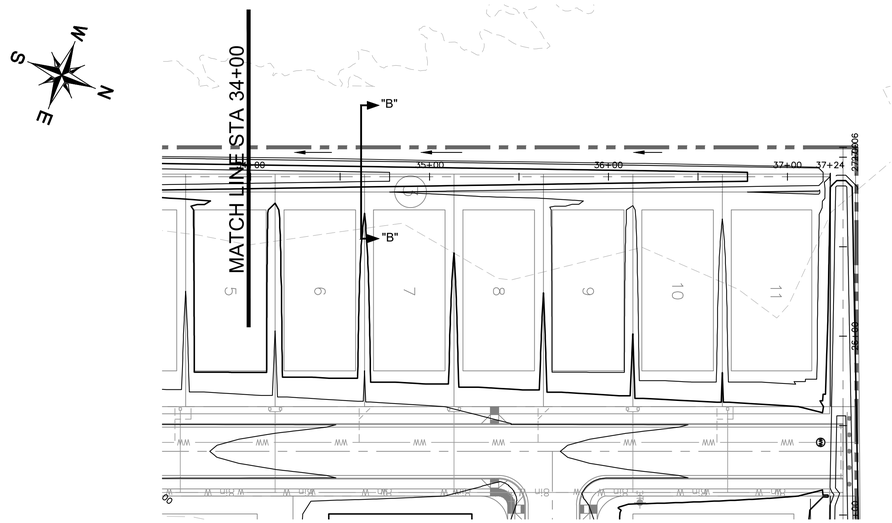
OFFSITE DRAINAGE CHANNEL B (4 OF 5)

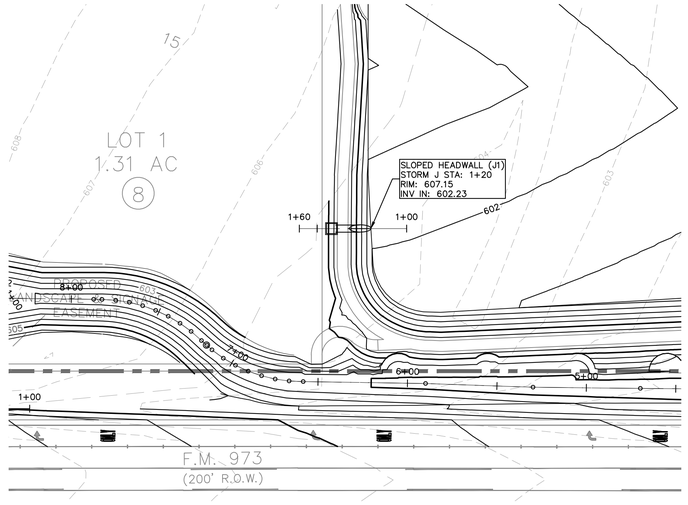
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

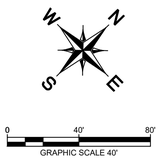
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
63 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 05:18:48pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



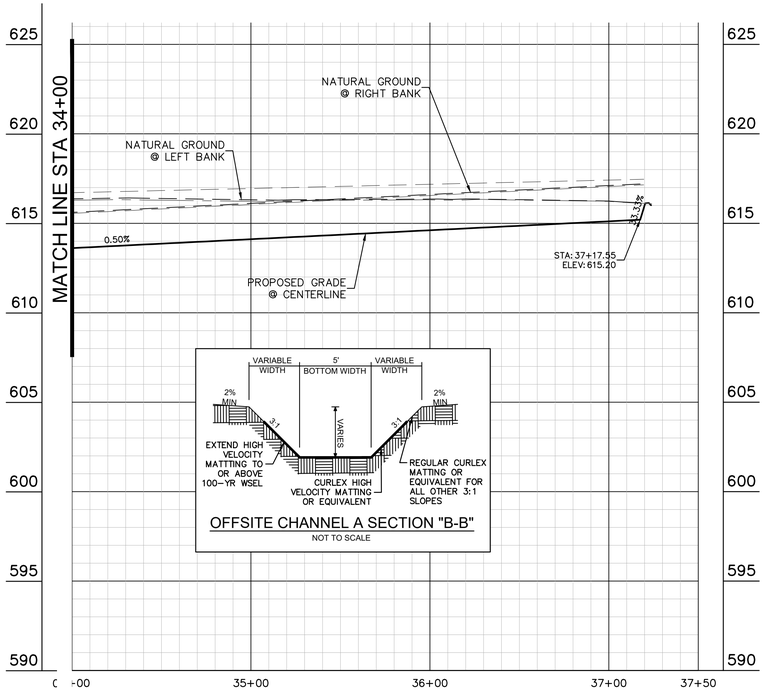




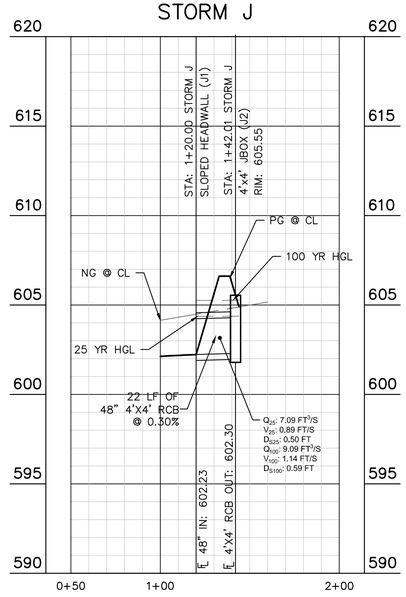
UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- DRAINAGE FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

OFFSITE B



OFFSITE CHANNEL A SECTION "B-B"
NOT TO SCALE



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

OFFSITE DRAINAGE CHANNEL B (5 OF 5) & STORM J

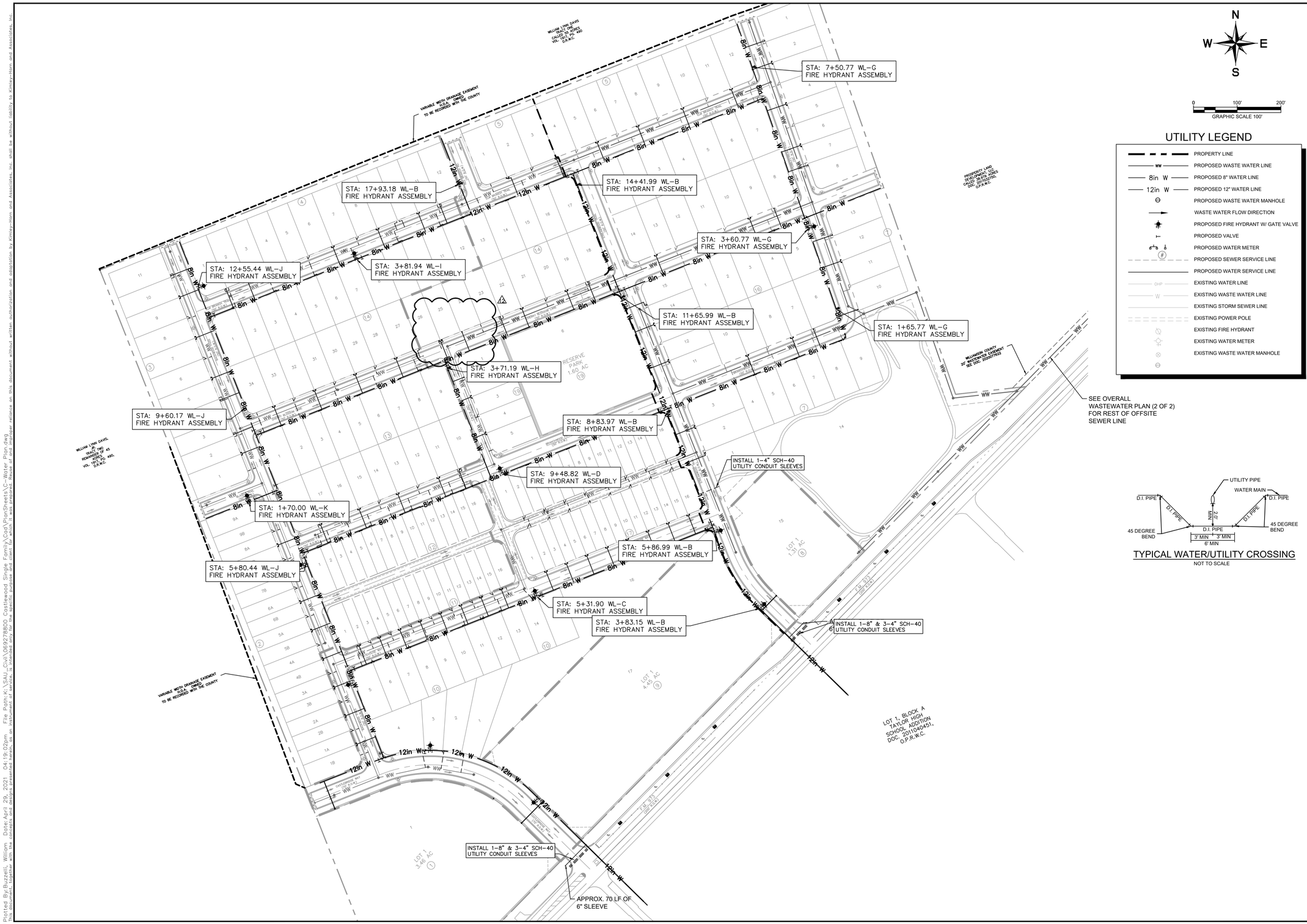
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
64 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 05:22:02pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Plan & Profile (Offsite).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Buzzelli, William Date:April 29, 2021 04:19:02pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED 8" WATER LINE
- PROPOSED 12" WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT W/ GATE VALVE
- PROPOSED VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

TYPICAL WATER/UTILITY CROSSING
NOT TO SCALE

No.	REVISIONS	DATE	BY
12	INLET LOCATION REVISION	4/29/2021	MB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
04/29/2021

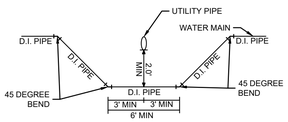
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

OVERALL WATER PLAN

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

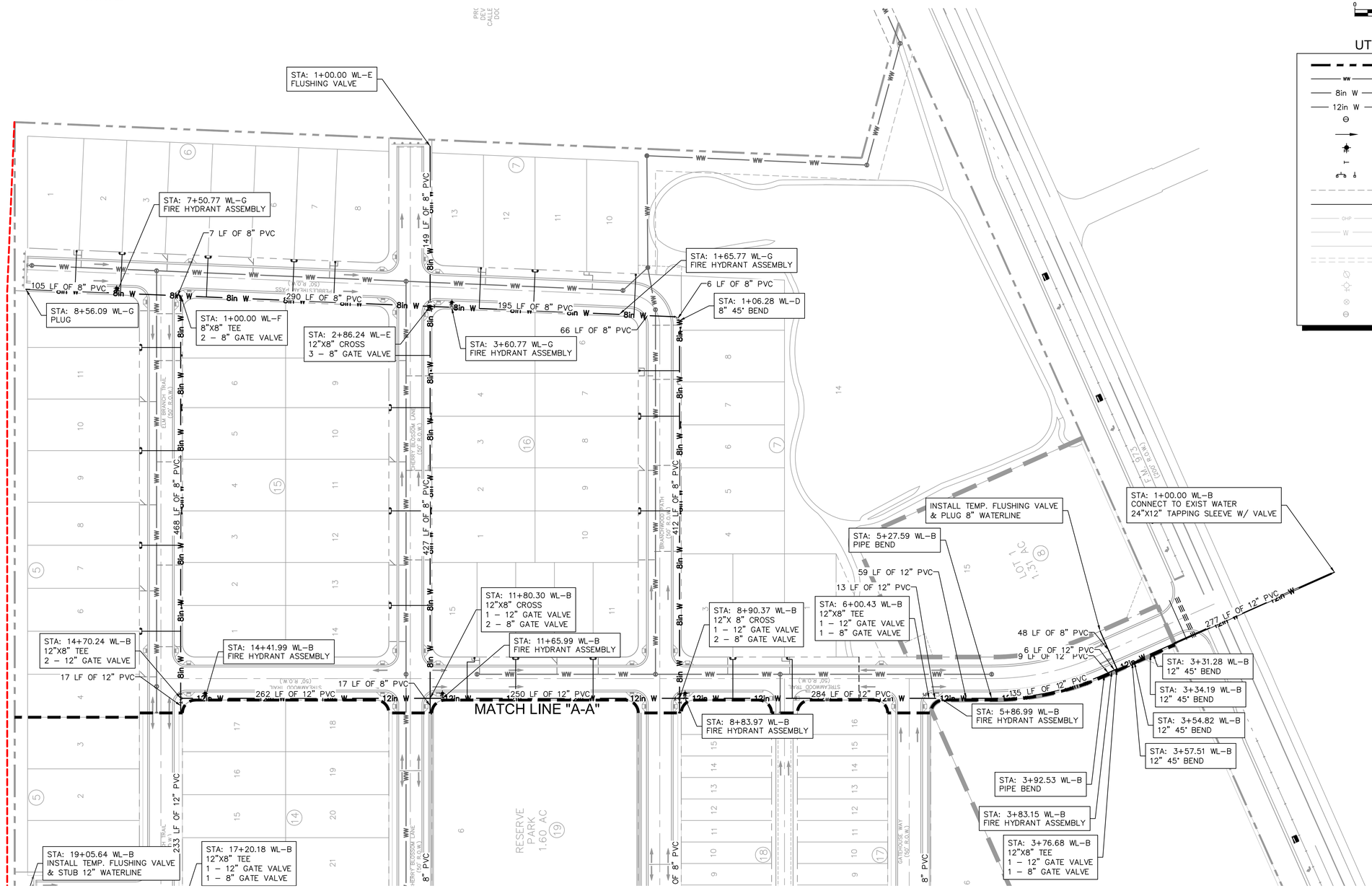
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
65 OF 108

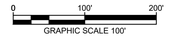


TYPICAL WATER/UTILITY CROSSING

NOT TO SCALE







UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED 8" WATER LINE
- PROPOSED 12" WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT W/ GATE VALVE
- PROPOSED VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

PHASE 1 WATER PLAN

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
66 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:02:35pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

STA: 14+70.24 WL-B
12"X8" TEE
2 – 12" GATE VALVE

17 LF OF 12" PVC

STA: 14+41.99 WL-B
FIRE HYDRANT ASSEMBLY

STA: 11+80.30 WL-B
12"X8" CROSS
1 – 12" GATE VALVE
2 – 8" GATE VALVE

STA: 11+65.99 WL-B
FIRE HYDRANT ASSEMBLY

17 LF OF 8" PVC

262 LF OF 12" PVC

250 LF OF 12" PVC

MATCH LINE "A-A"

STA: 8+90.37 WL-B
12"X 8" CROSS
1 – 12" GATE VALVE
2 – 8" GATE VALVE

STA: 6+00.43 WL-B
12"X8" TEE
1 – 12" GATE VALVE
1 – 8" GATE VALVE

59 LF OF 12" PVC

13 LF OF 12" PVC

48 LF

284 LF OF 12" PVC

STA: 8+83.97 WL-B
FIRE HYDRANT ASSEMBLY

STA: 5+86.99 W
FIRE HYDRANT A

PHASE 1

STA: 3+92
PIPE BEND

STA: 3+83.15
FIRE HYDRANT

STA: 3+
12"X8" T
1 – 12"
1 – 8" (

RESERVE
PARK
1.60 AC

STA: 19+05.64 WL-B
INSTALL TEMP. FLUSHING VALVE
& STUB 12" WATERLINE

112 LF OF 12" PVC

STA: 17+20.18 WL-B
12"X8" TEE
1 – 12" GATE VALVE
1 – 8" GATE VALVE

22 LF OF 8" PVC

233 LF OF 12" PVC

13 LF OF 8" PVC

396 LF OF 8" PVC

415 LF OF 8" PVC

STA: 17+93.18 WL-B
'YDRANT ASSEMBLY

STA: 11+71.75 WL-E
8"X8" TEE
2 – 8" GATE VALVE

42 LF OF 8" PVC

STA: 12+13.74 WL-E
INSTALL TEMP. FLUSHING VALVE
& STUB 8" WATERLINE

19 LF OF 8" PVC

STA: 3+71.19 WL-H
FIRE HYDRANT ASSEMBLY

271 LF OF 8" PVC

PHASE 1 & 2
BOUNDARY LINE

PHASE 2

STA: 9+48.82 WL-D
FIRE HYDRANT ASSEMBLY

STA: 9+75.28 WL-D
8"X8" TEE
2 – 8" GATE VALVE

26 LF OF 8" PVC

47 LF OF 8" PVC

STA: 10+22.27 WL-D
INSTALL TEMP. FLUSHING VALVE
& STUB 8" WATERLINE

STA: 5+31.90 WL-C
FIRE HYDRANT ASSEMBLY

135 LF OF 8" PVC

STA: 6+66.73 WL-C
REMOVE TEMP. FLUSHING VALVE &
CONNECT TO EXISTING 8" PVC

STA: 6+66.73 WL-C
REMOVE TEMP. FLUSHING VALVE &
CONNECT TO EXISTING 8" PVC

UTILITY PIPE
WATER MAIN
D.I. PIPE
45 DEGREE BEND
MIN 2.0'
3' MIN
3' MIN
6' MIN

TYPICAL WATER/UTILITY CROSSING
NOT TO SCALE

STA: 1+00.00 WL-A
CONNECT TO EXIST WATER
24"X12" TAPPING SLEEVE W/ VALVE

205 LF OF 12"

MATCH LINE "B-B"
SEE THIS SHEET

STA: 3+73.55 WL-A
45° VERTICAL BEND

STA: 3+82.22 WL-A
45° VERTICAL BEND

STA: 4+36.76 WL-A
12"X8" TEE
1 – 12" GATE VALVE
1 – 8" GATE VALVE

STA: 4+49.80 WL-A
FIRE HYDRANT ASSEMBLY

20 LF OF 12"

STA: 4+69.46 WL-A
PIPE BEND

STA: 3+30.89 WL-A
45° VERTICAL BEND

STA: 3+39.55 WL-A
45° VERTICAL BEND

INSTALL TEMP. FLUSHING VALVE
& PLUG 8" WATERLINE

MATCH LINE "B-B"
SEE THIS SHEET

PHASE 1

STA: 7+27.25 WL-A
FIRE HYDRANT ASSEMBLY

327 LF OF 8" PVC

STA: 9+93.80 WL-C
8"X8" TEE
2 – 8" GATE VALVE

STA: 8+35.49 WL-A
STA: 1+00.00 WL-J
12"x8" TEE
1 – 12" GATE VALVE
1 – 8" GATE VALVE

63 LF OF 8" PVC

STA: 2+85.44 WL-J
FIRE HYDRANT ASSEMBLY

20 LF OF 12" PVC

STA: 8+55.07 WL-A
PIPE BEND

28 LF OF 8" PVC

STA: 1+00.00 WL-K
INSTALL TEMP. FLUSHING VALVE
& STUB 8" WATERLINE

STA: 9+82.16 WL-A
12"X8" TEE
1 – 12" GATE VALVE
1 – 8" GATE VALVE

38 LF OF 12"

127 LF OF 12"

68 LF OF 8" PVC

STA: 2+46.66 WL-K
INSTALL TEMP. FLUSHING VALVE
& PLUG 8" WATERLINE

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED 8" WATER LINE
- PROPOSED 12" WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT W/ GATE VALVE
- PROPOSED VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

GRAPHIC SCALE 100'

No.	REVISIONS	DATE	BY
12	INLET LOCATION REVISION	4/29/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
04/29/2021

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

PHASE 2 WATER PLAN

CASTLEWOOD
SINGLE FAMILY
PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
67 OF 108

Plotted By:Buzzelli, William Date:April 29, 2021 04:21:56pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



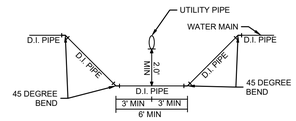


0 100' 200'

GRAPHIC SCALE 100'

UTILITY LEGEND

	PROPERTY LINE
WW	PROPOSED WASTE WATER LINE
8in W	PROPOSED 8" WATER LINE
12in W	PROPOSED 12" WATER LINE
	PROPOSED WASTE WATER MANHOLE
	WASTE WATER FLOW DIRECTION
	PROPOSED FIRE HYDRANT W/ GATE VALVE
	PROPOSED VALVE
	PROPOSED WATER METER
	PROPOSED SEWER SERVICE LINE
	PROPOSED WASTE WATER SERVICE LINE
DWP	EXISTING WATER LINE
W	EXISTING WASTE WATER LINE
	EXISTING STORM SEWER LINE
	EXISTING POWER POLE
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING WASTE WATER MANHOLE



TYPICAL WATER/UTILITY CROSSING
NOT TO SCALE

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM, WB
CHECKED BY:	LC

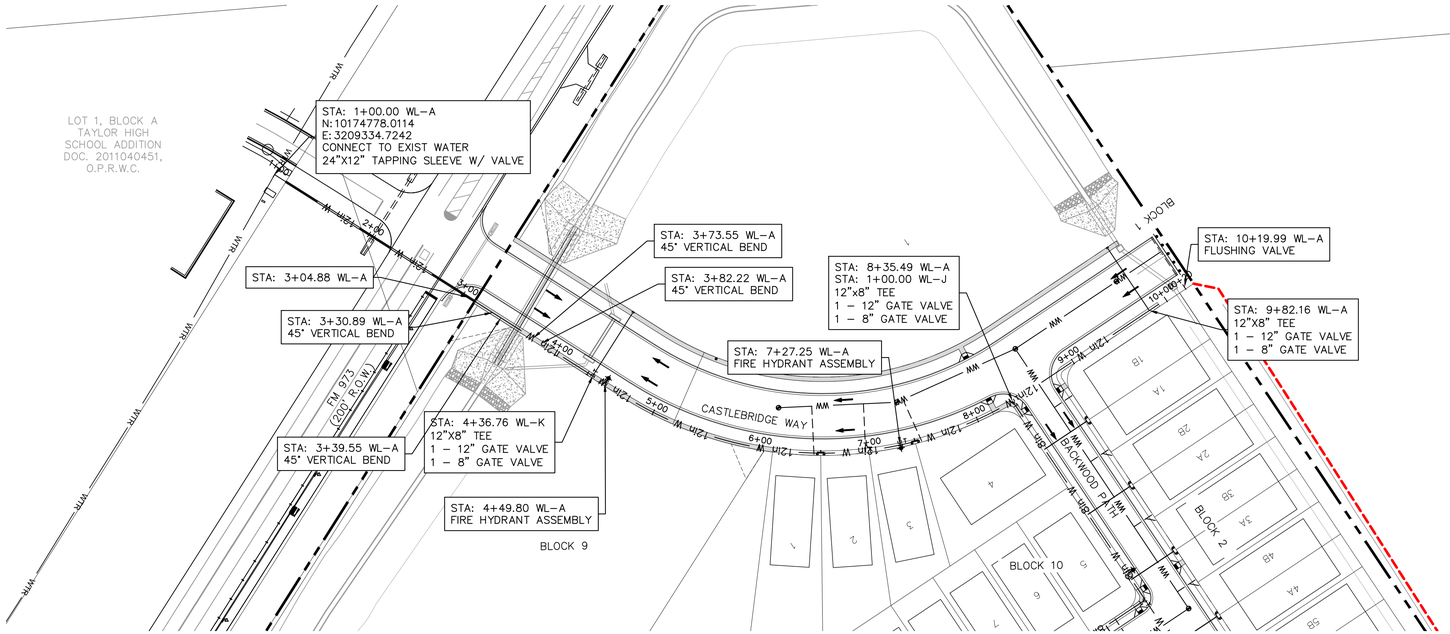
PHASE 3 WATER PLAN

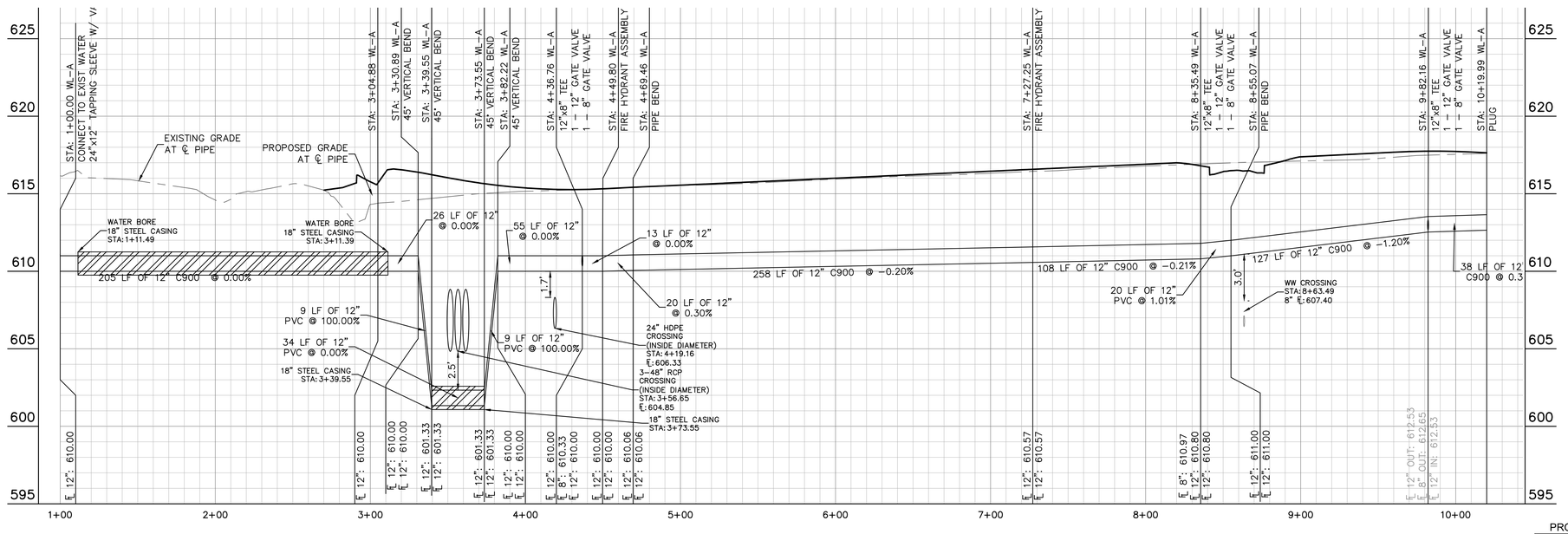
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

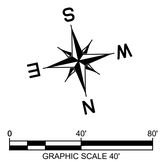
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
68 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:03:02pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED 8" WATER LINE
- PROPOSED 12" WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT W/ GATE VALVE
- PROPOSED VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

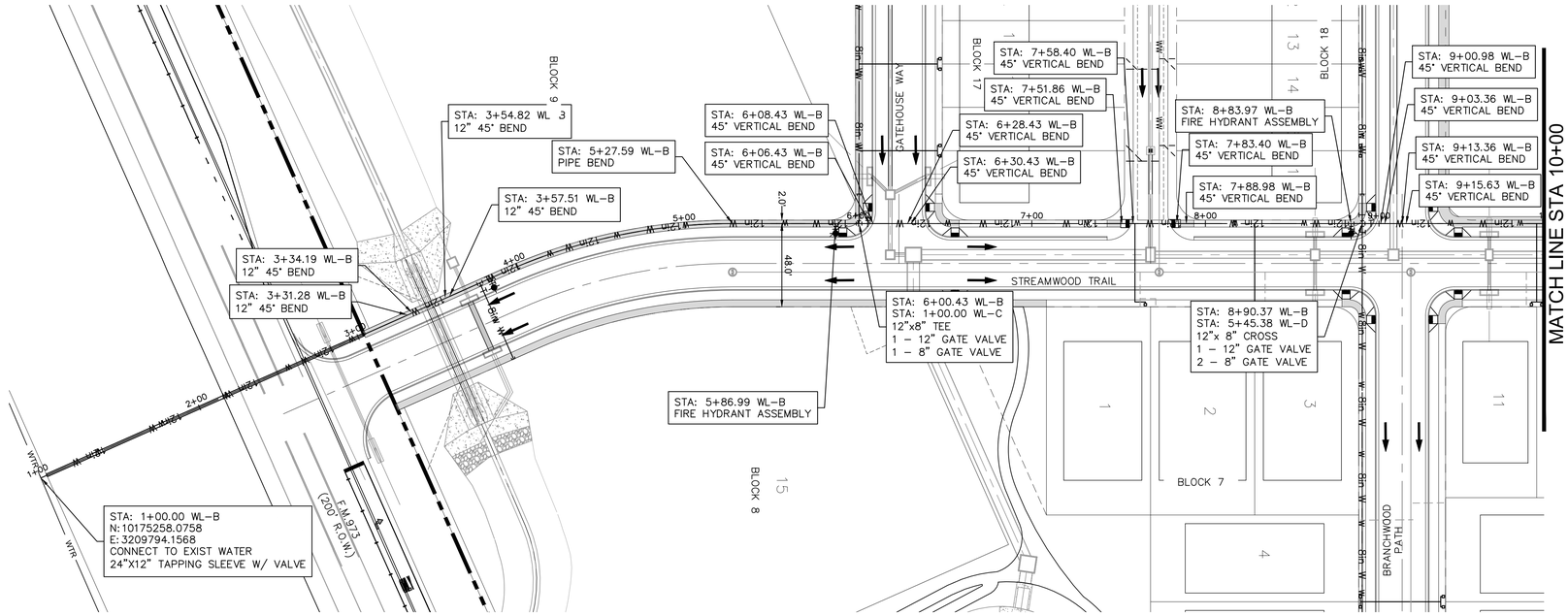
WATER PLAN & PROFILE WATERLINE-A

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
69 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:04:55pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED 8" WATER LINE
- PROPOSED 12" WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT W/ GATE VALVE
- PROPOSED VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

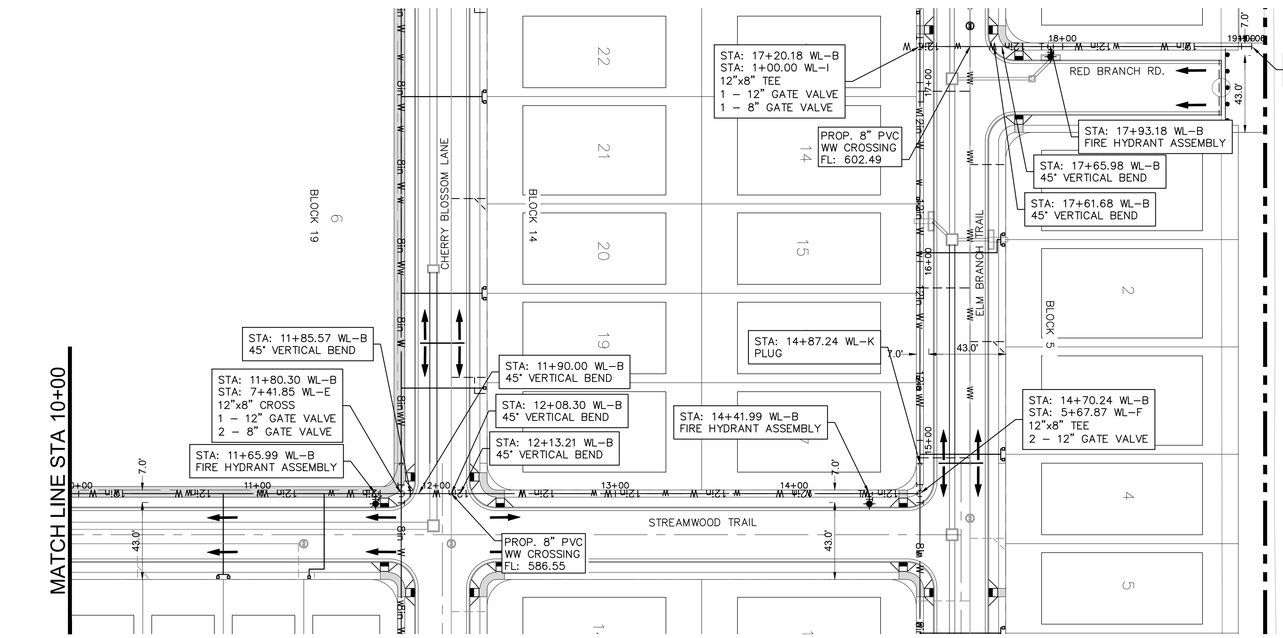
KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

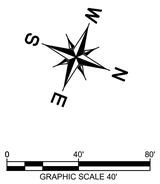
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

WATER PLAN & PROFILE WATERLINE-B (1 OF 2)

SHEET NUMBER
70 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:05:19pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

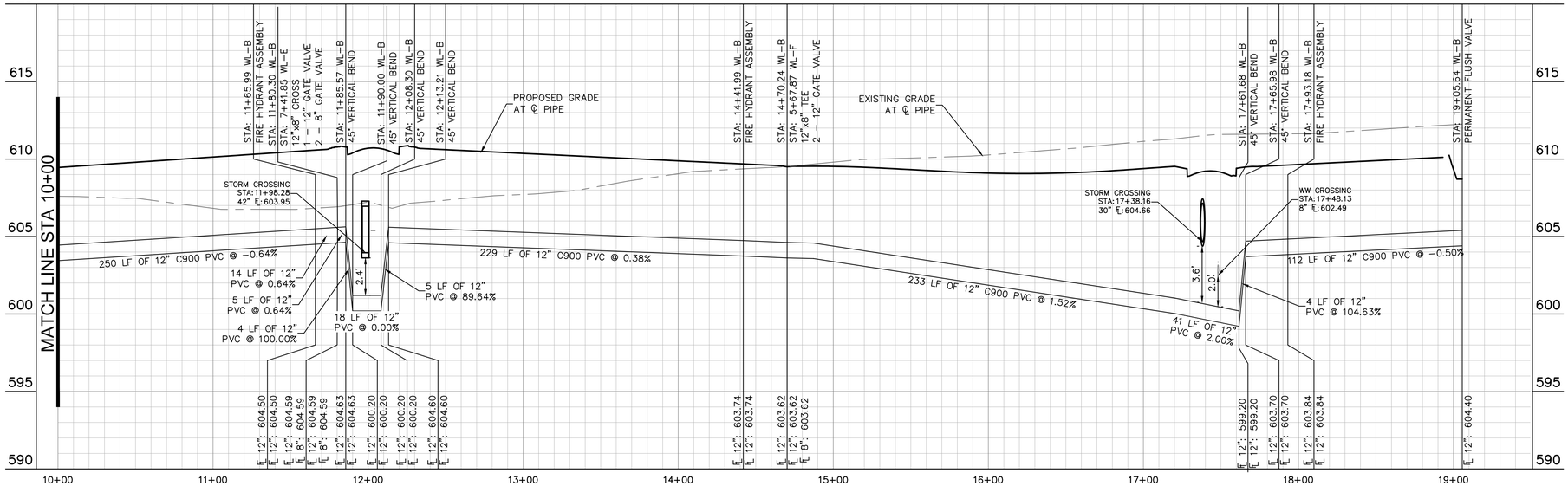




UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED 8" WATER LINE
- PROPOSED 12" WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT W/ GATE VALVE
- PROPOSED VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

WL-B



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

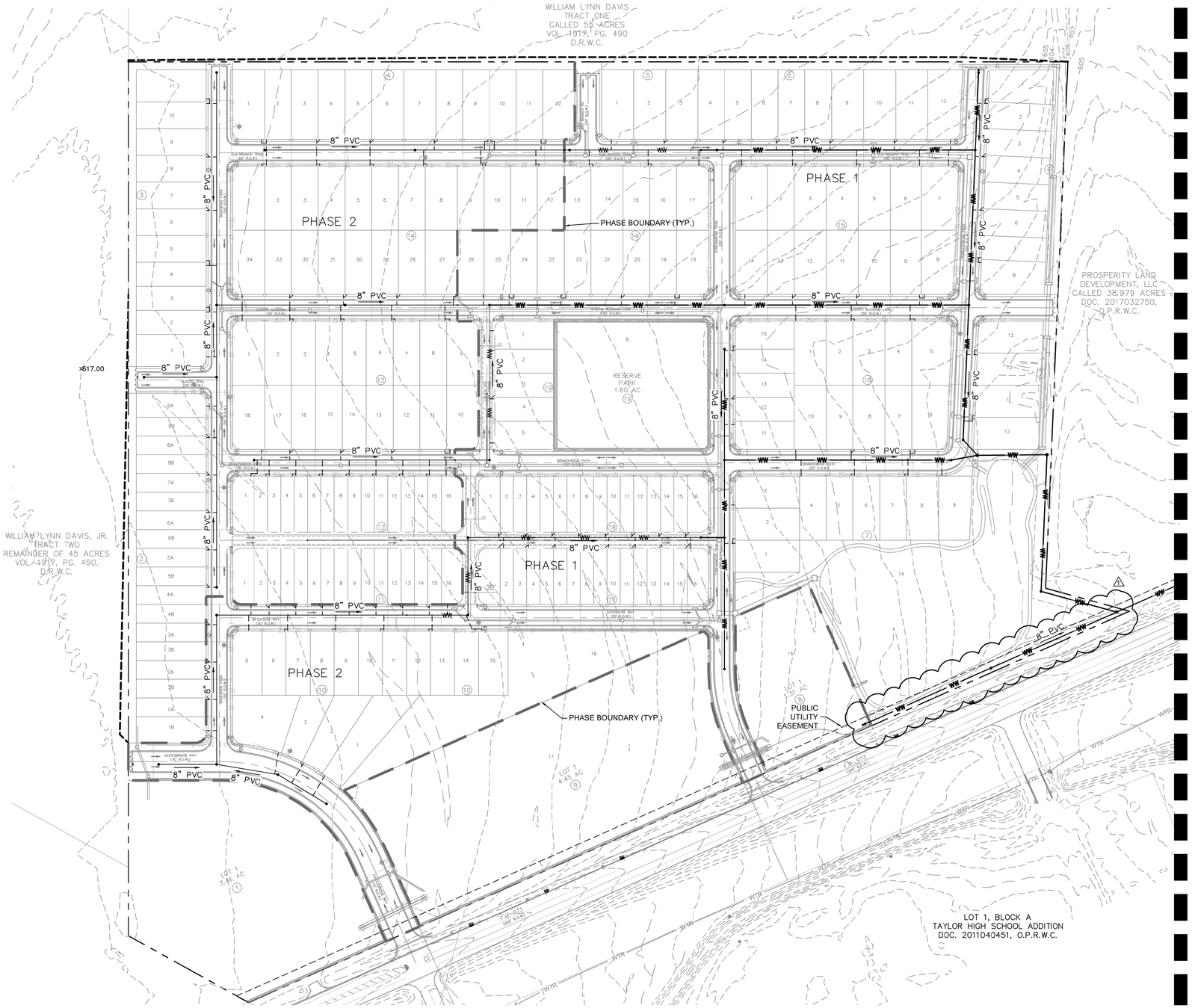
WATER PLAN & PROFILE WATERLINE-B (2 OF 2)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
71 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:07:30pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



N
W E
S

0 100' 200'
GRAPHIC SCALE 100'

UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED PHASE BOUNDARY
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. E.LEV. 616.68'

No.	REVISIONS	DATE	BY
1	ADD WW LINE L	3/09/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
03/17/2021

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

OVERALL WASTEWATER PLAN (1 OF 2)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
72 OF 108

Plotted By:Buzzell, William Date:March 17, 2021 01:41:14pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan.dwg

N

W E

S

0 100' 200'

GRAPHIC SCALE 100'

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.

2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER

10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

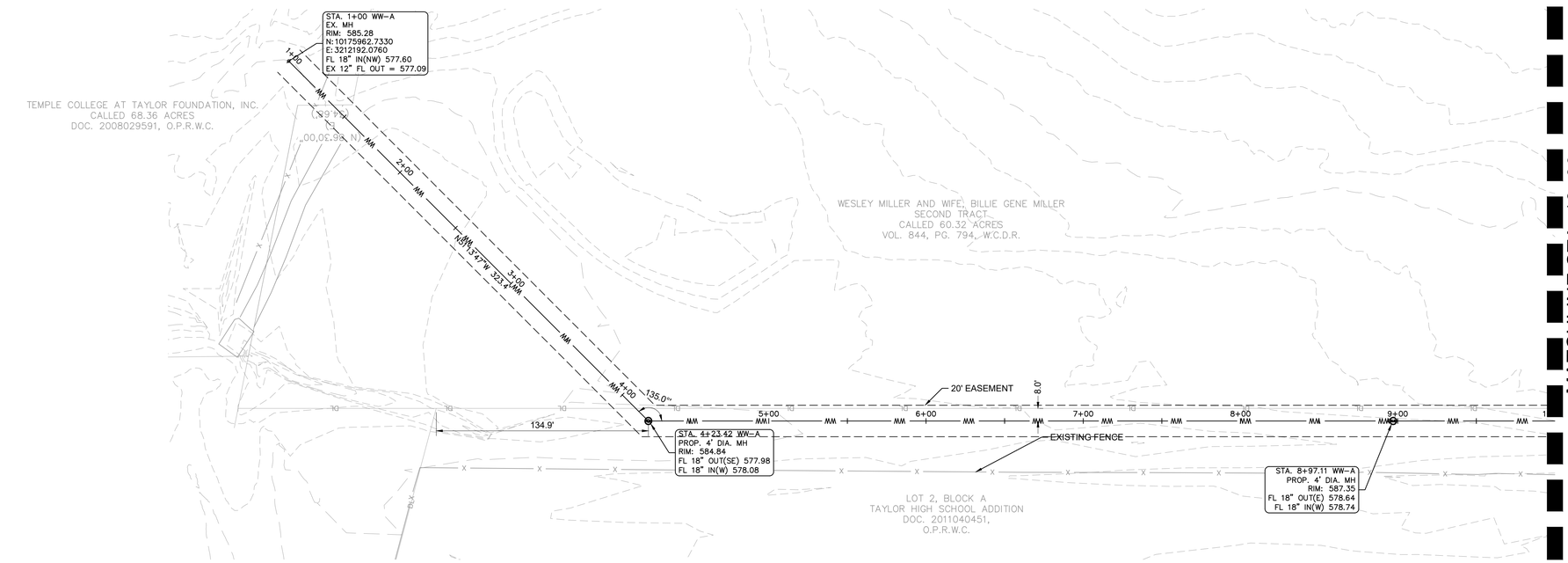
OVERALL WASTEWATER PLAN (2 OF 2)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

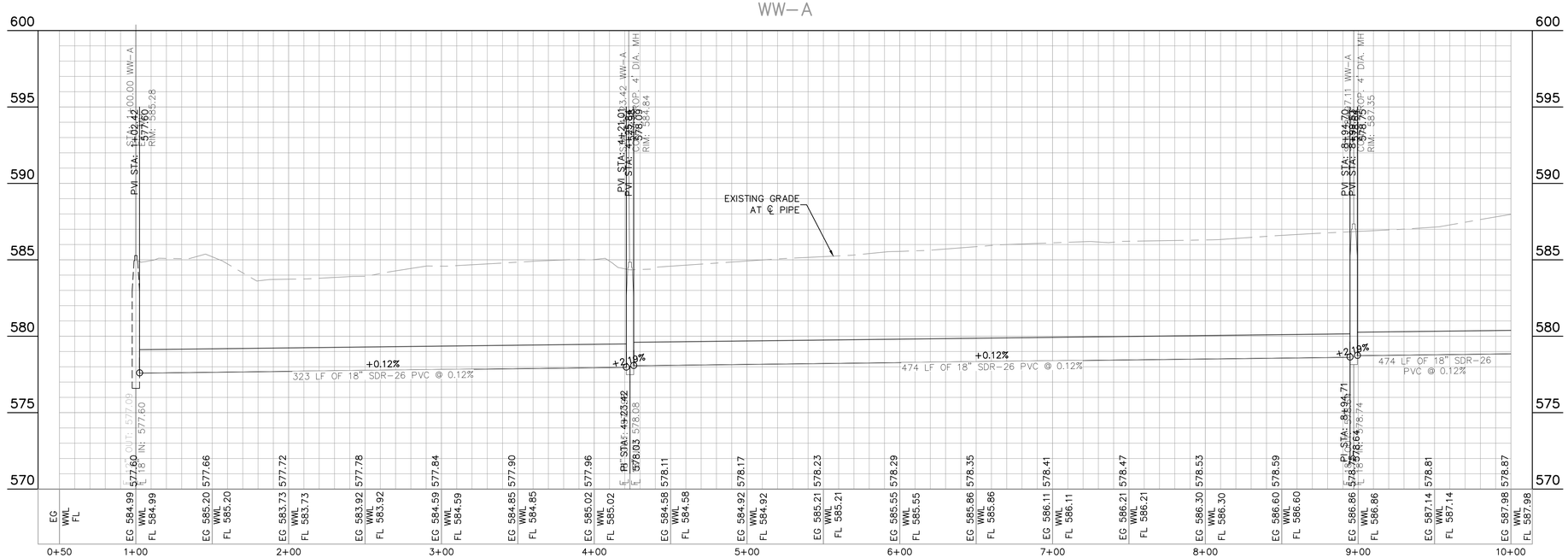
SHEET NUMBER
73 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:08:53pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER MANHOLE



PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT
069278800
DATE
JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

WASTEWATER PLAN & PROFILE LINE A (1 OF 6)

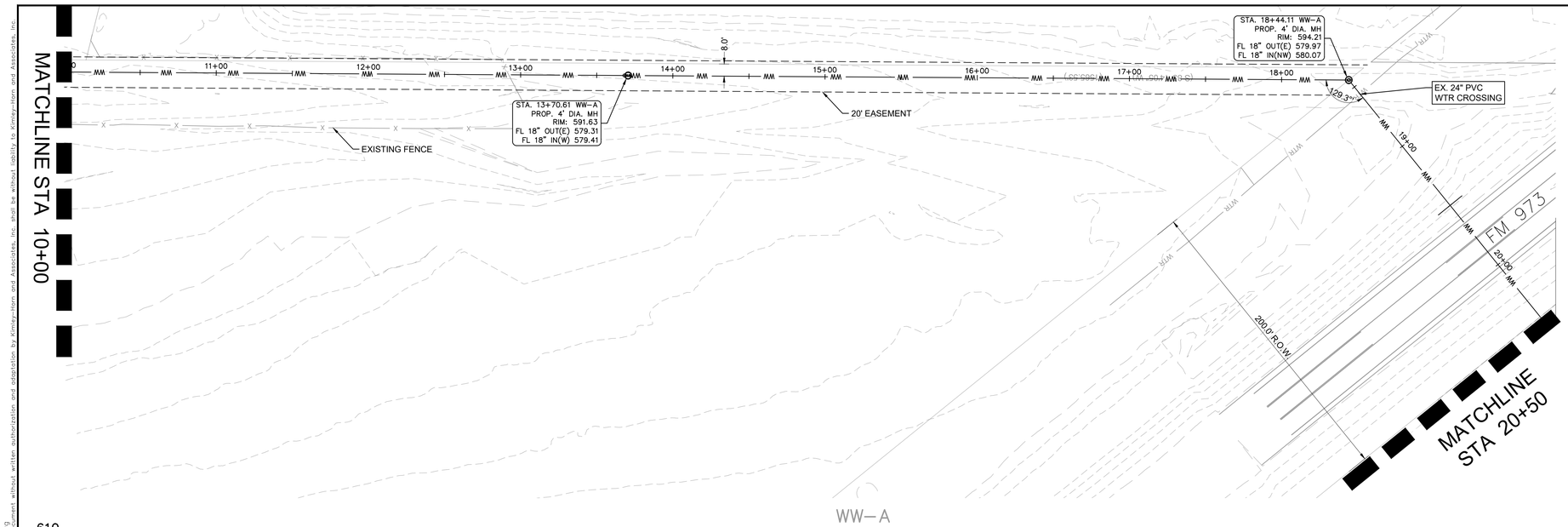
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

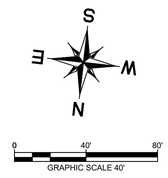
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
74 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:10:18pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

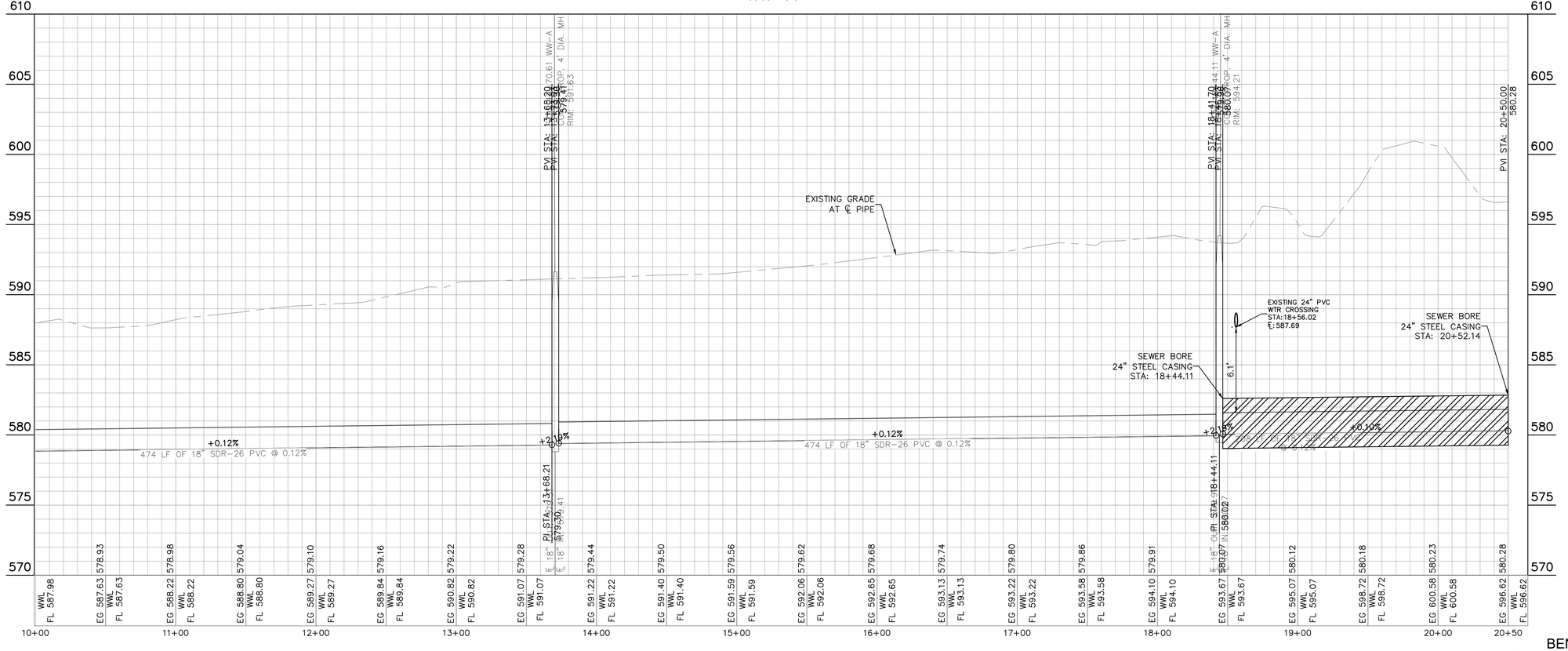
Plotted By:Hansen, Matthew Date:October 16, 2020 04:10:43pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE



BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

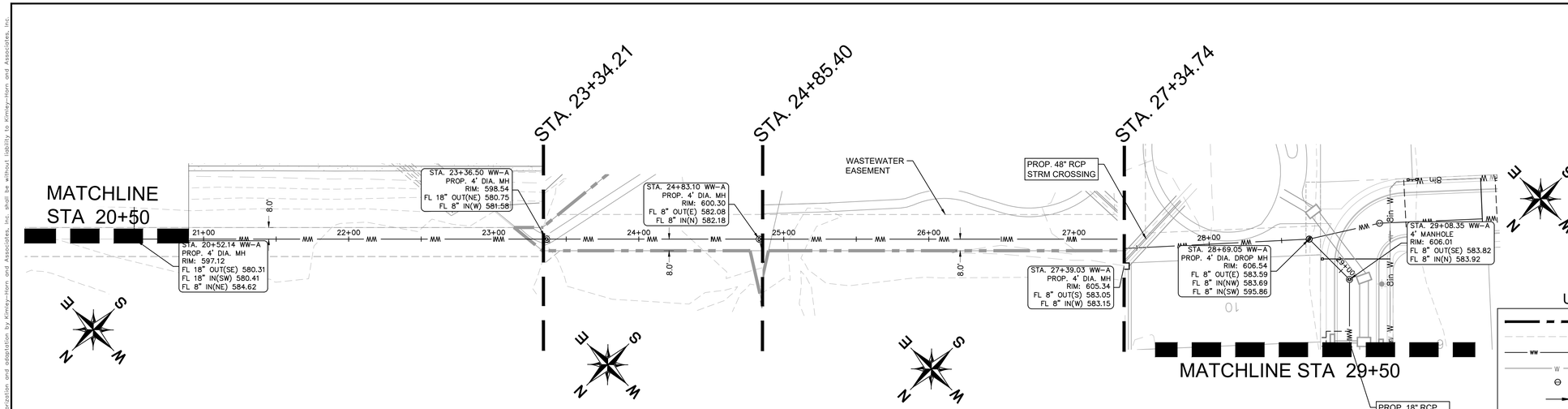
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

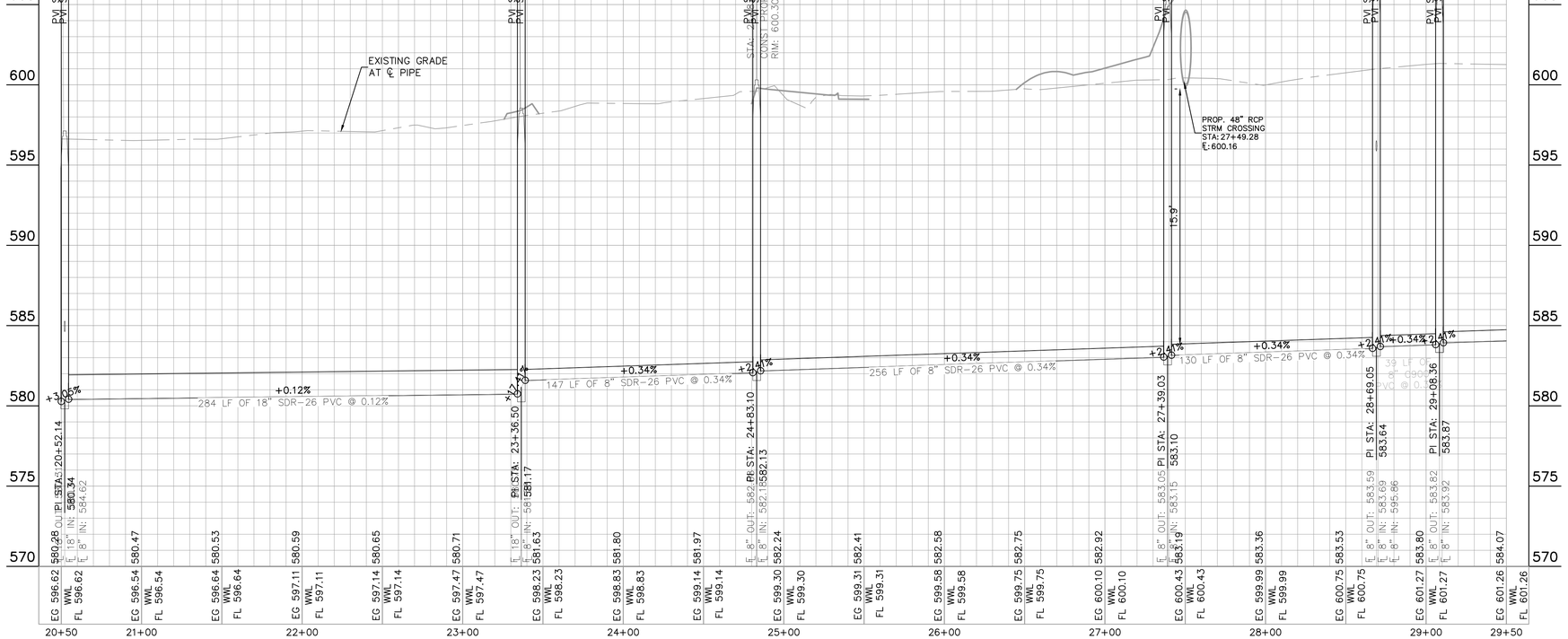
WASTEWATER PLAN & PROFILE LINE A (2 OF 6)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
75 OF 108





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

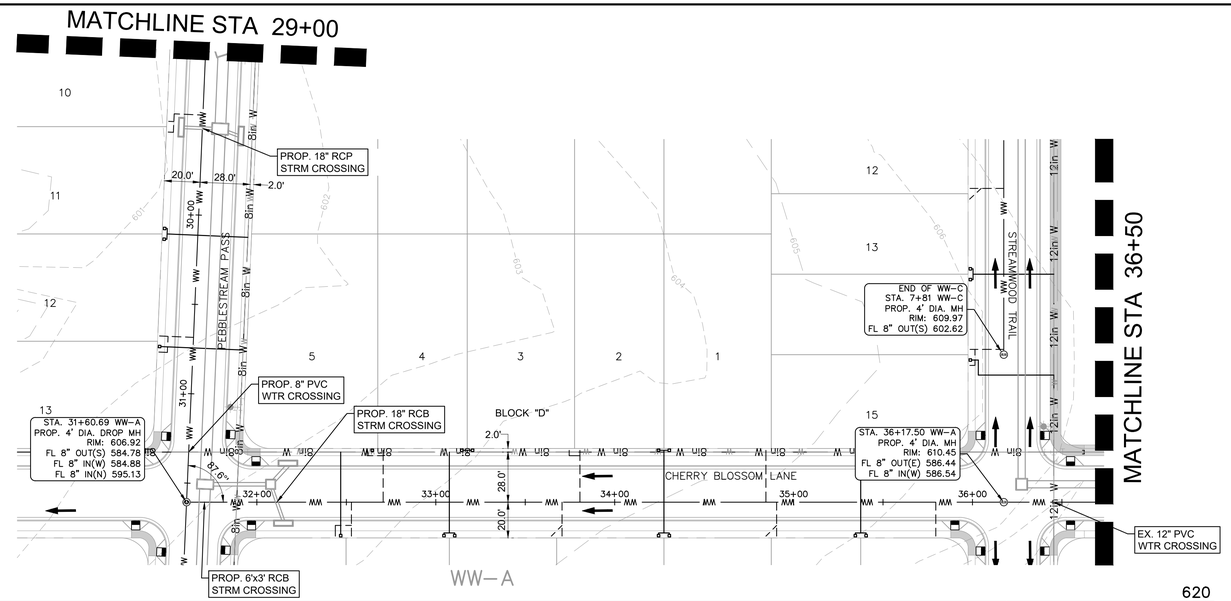
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

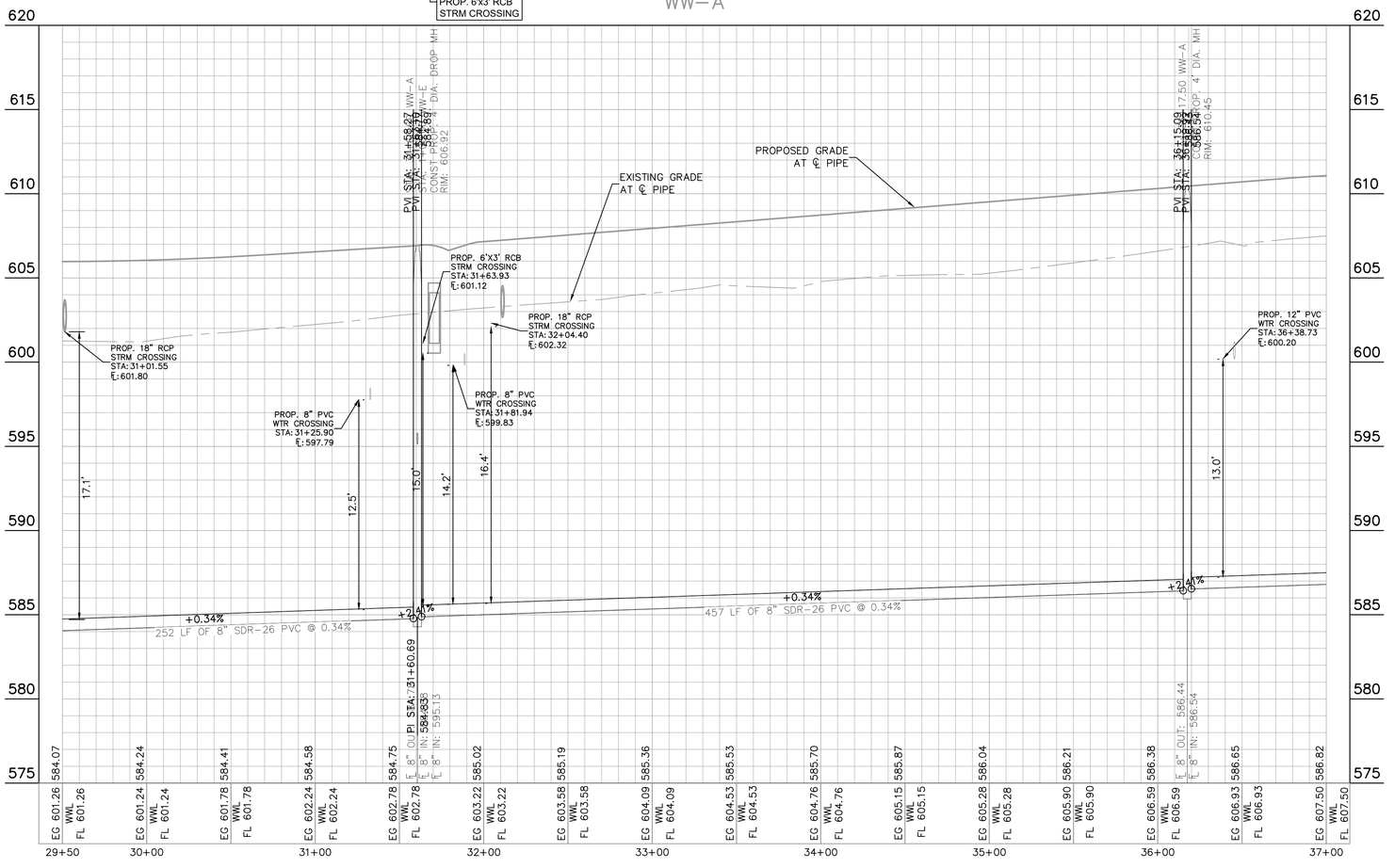
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

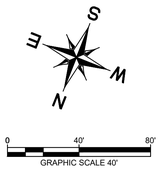
WASTEWATER PLAN & PROFILE LINE A (3 OF 6)

SHEET NUMBER
76 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:11:34pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

WASTEWATER PLAN & PROFILE LINE A (4 OF 6)

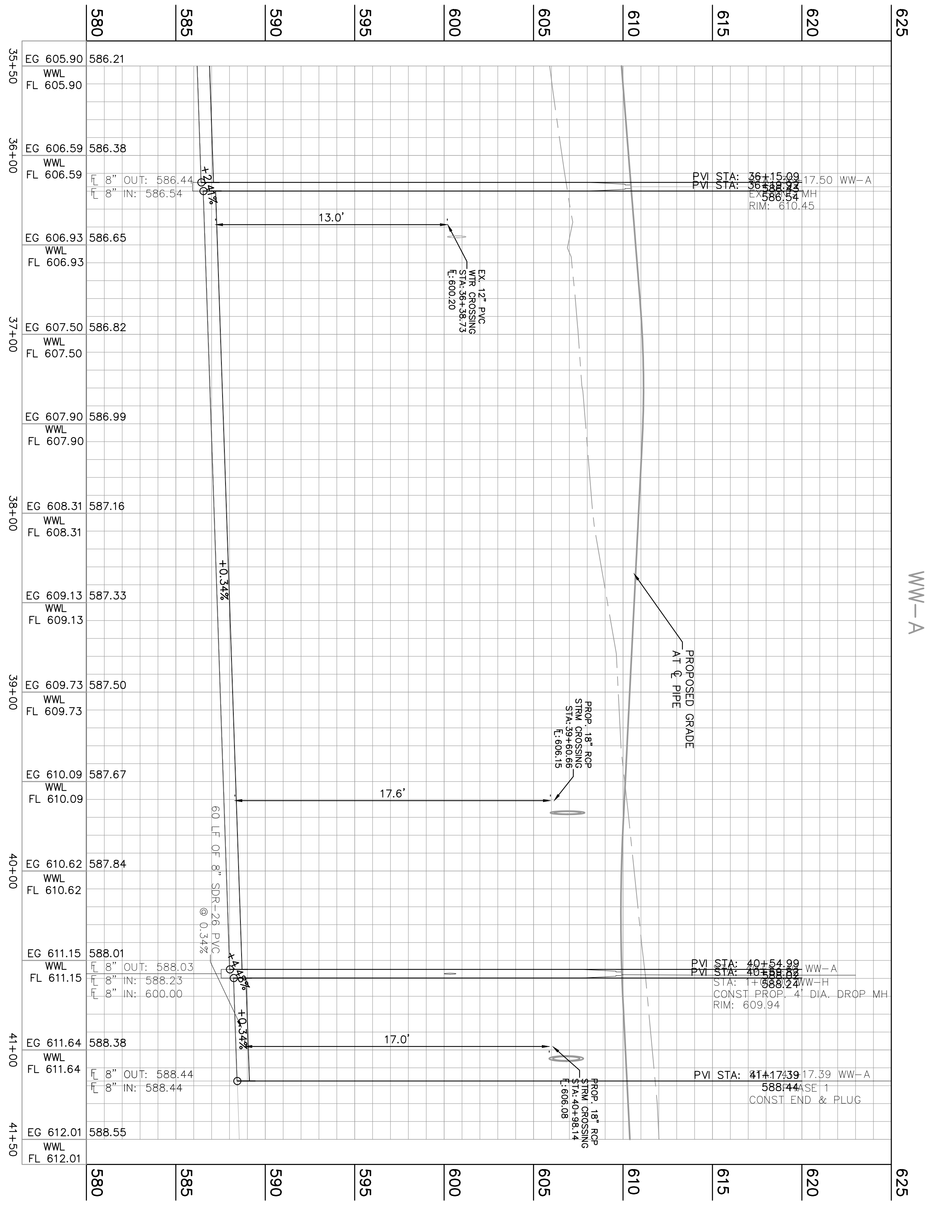
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

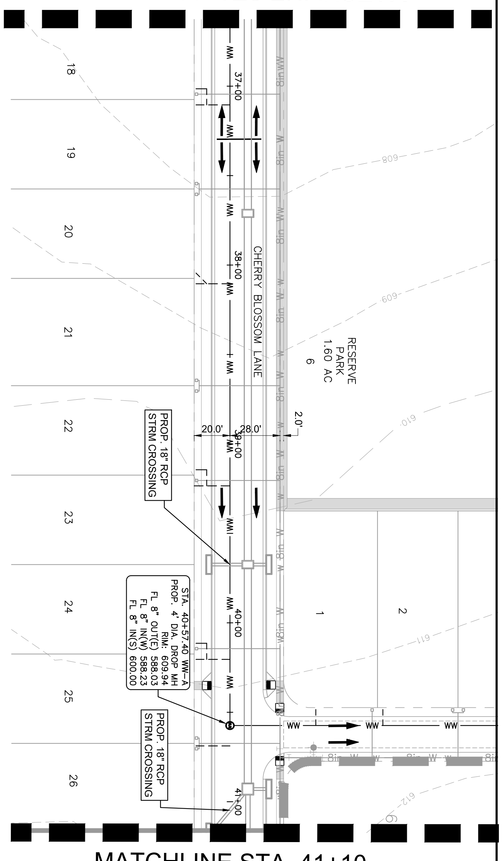
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
77 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:11:54pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Hansen, Matthew Date:October 16, 2020 04:12:14pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

GRAPHIC SCALE 40' 0 40' 80'

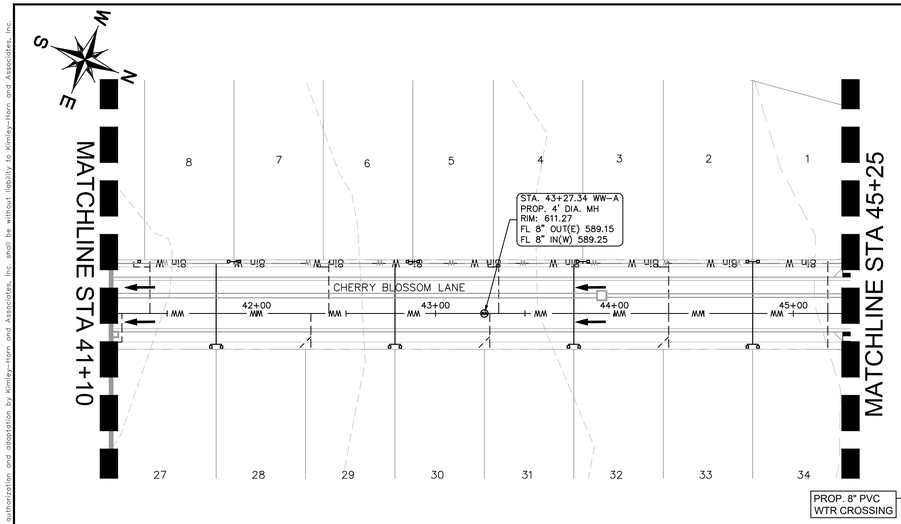
BENCHMARKS

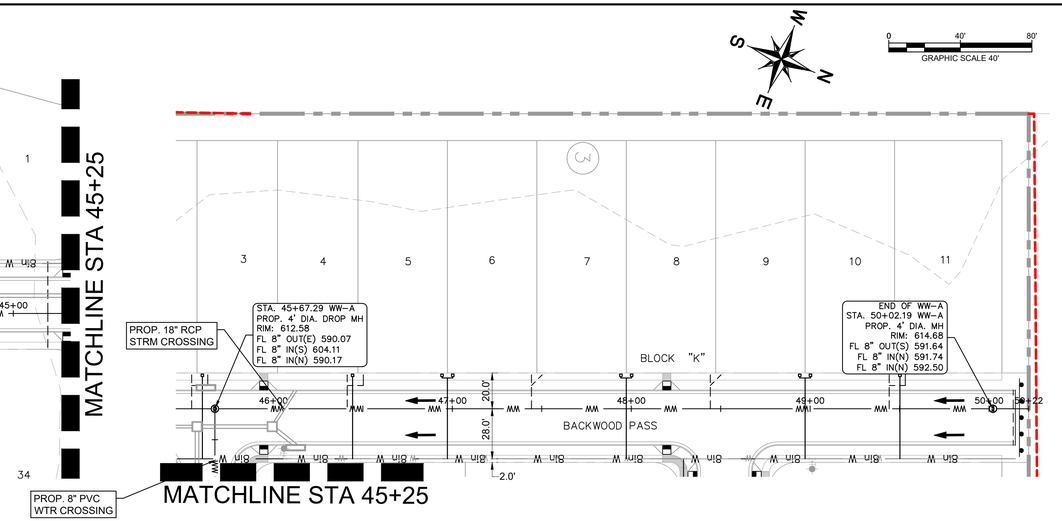
IRON ROD SET IN ASPHALT
ROAD, NORTH SIDE OF
FM 973, ELEV. 616.06

SHEET NUMBER	78 OF 108
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2	CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS
WASTEWATER PLAN & PROFILE LINE A (5 OF 6)	
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC
10/16/2020	LUKE W. CHRAMAY, 125677, LICENSED PROFESSIONAL ENGINEER, STATE OF TEXAS

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY

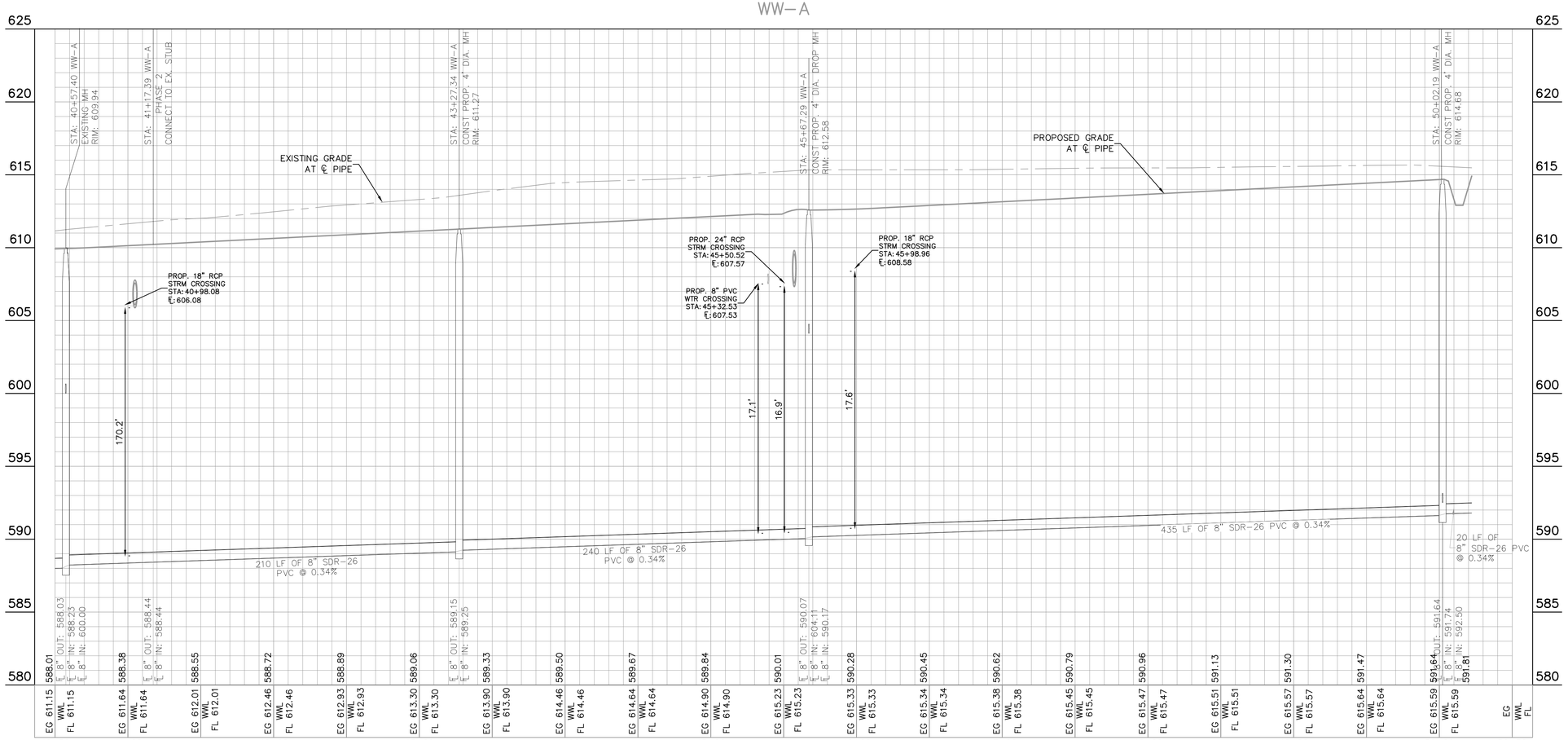




UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

WW-A



PROFILE SCALE

1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

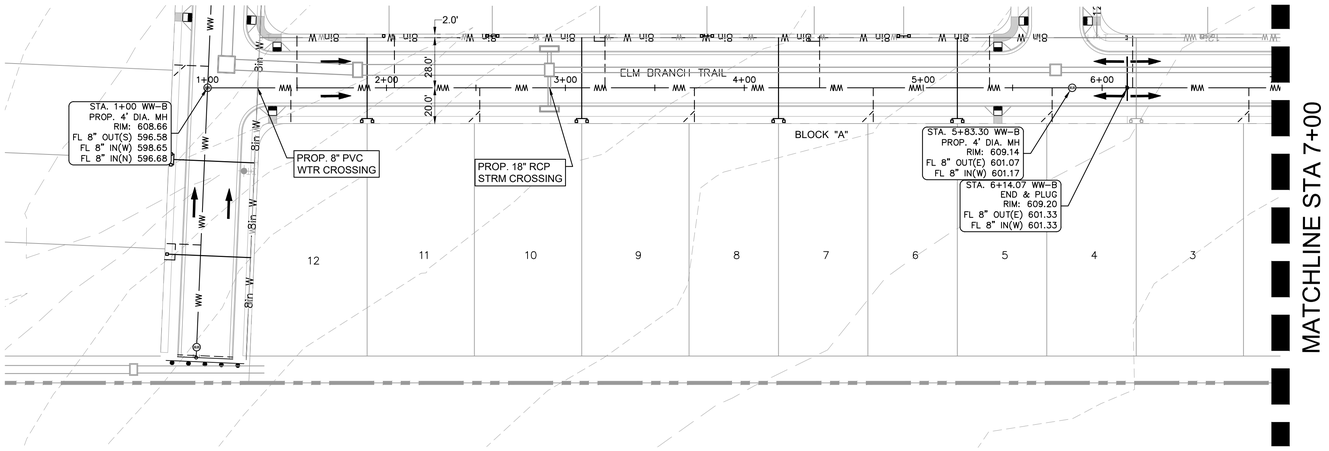
WASTEWATER PLAN & PROFILE LINE A (6 OF 6)

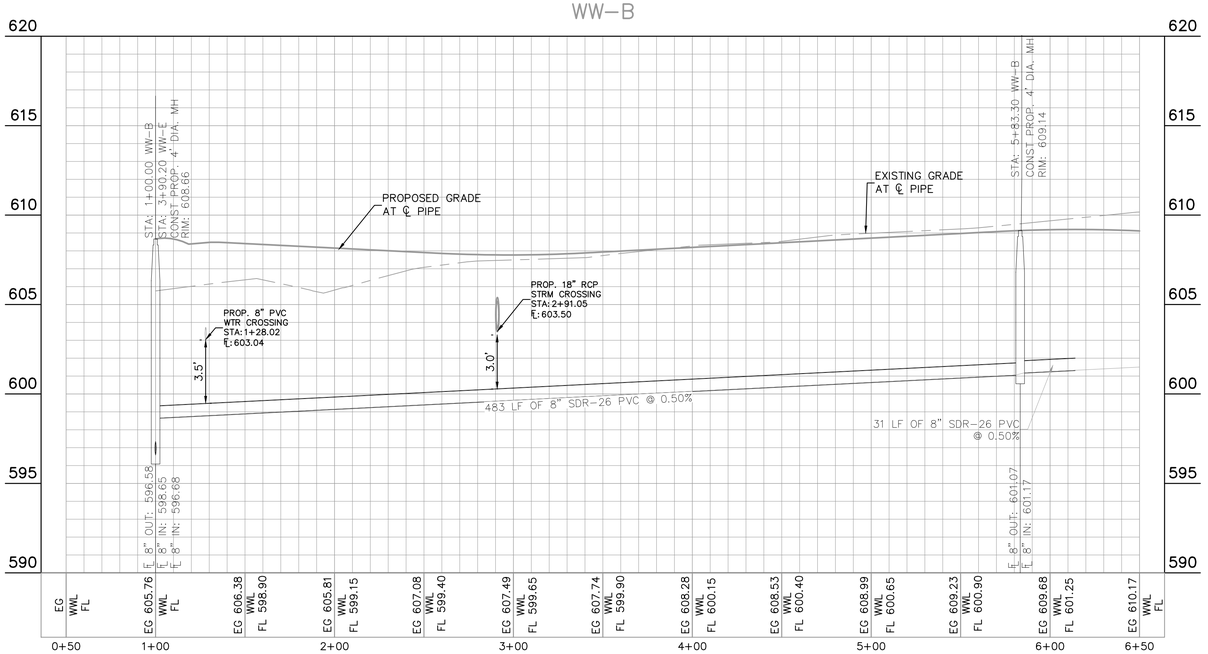
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

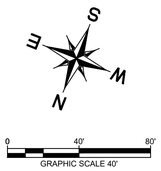
SHEET NUMBER
79 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:12:44pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL



UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

WASTEWATER PLAN & PROFILE LINE B (1 OF 2)

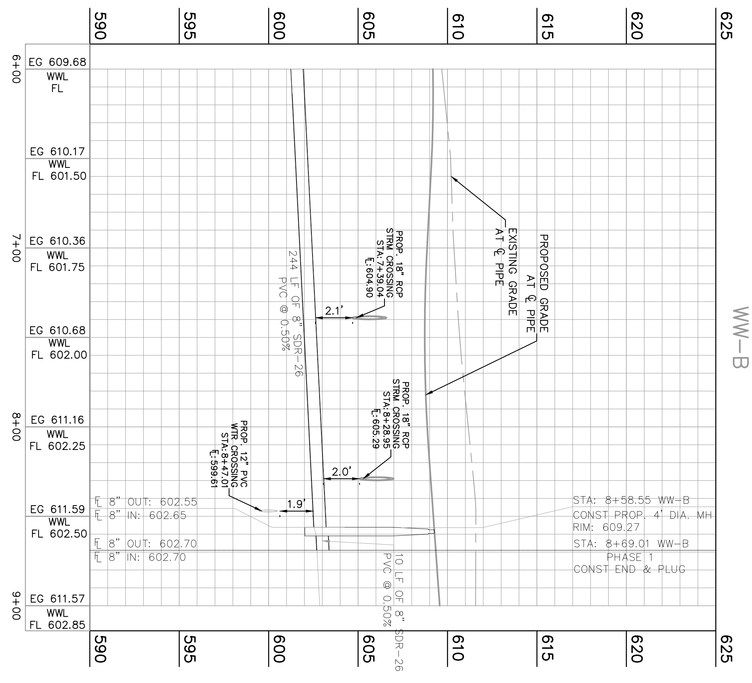
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

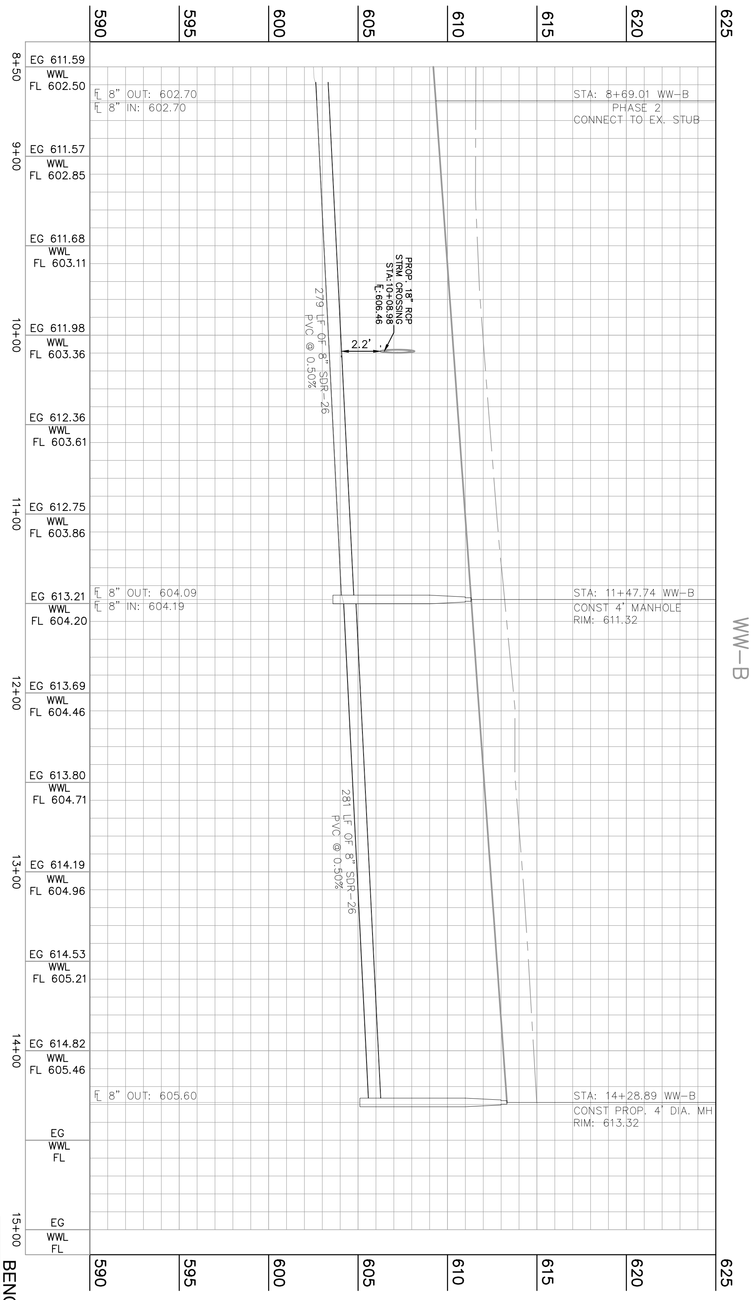
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

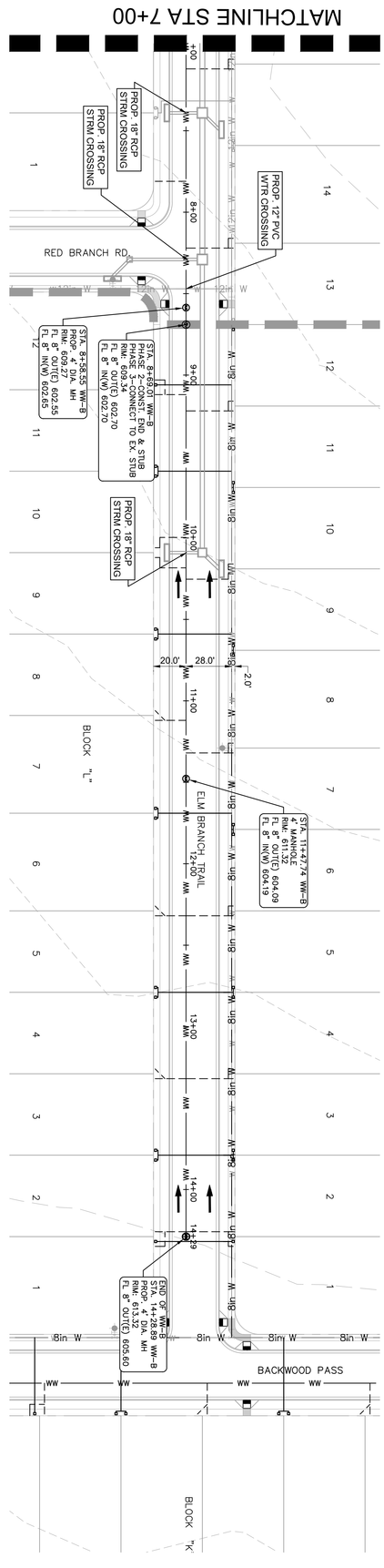
SHEET NUMBER
80 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:13:08pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Hansen, Matthew Date:October 16, 2020 04:15:18pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

GRAPHIC SCALE 40' (0, 40', 80')

BENCHMARKS

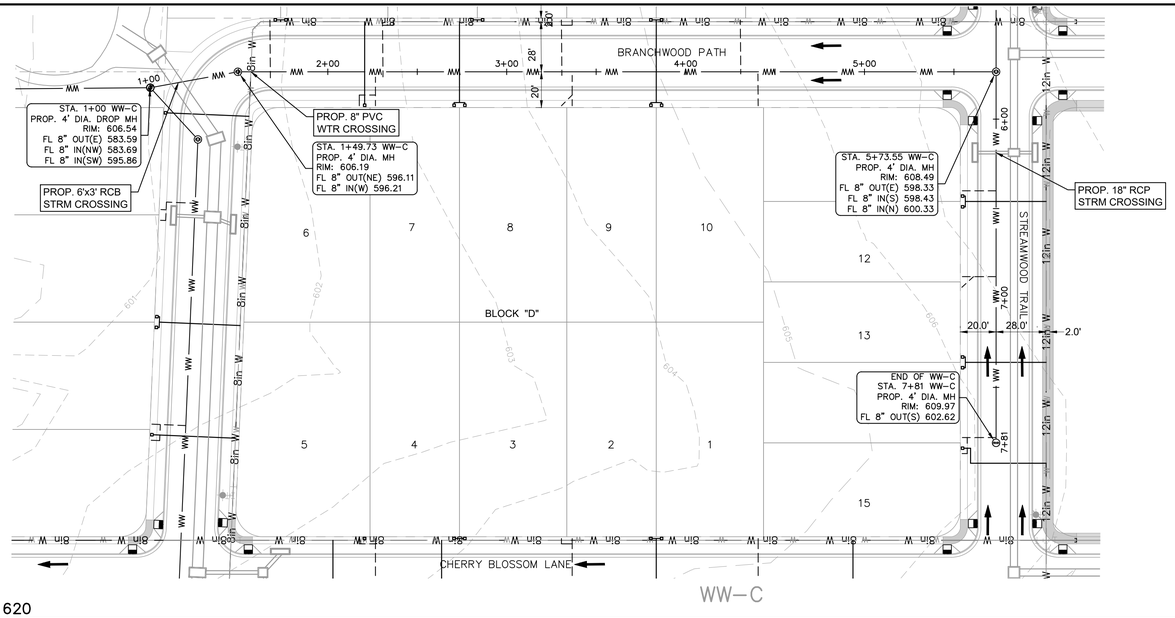
IRON ROD SET IN ASPHALT
ROAD, 0.5' SOUTH OF
E/W PITT, ELEV: 616.90

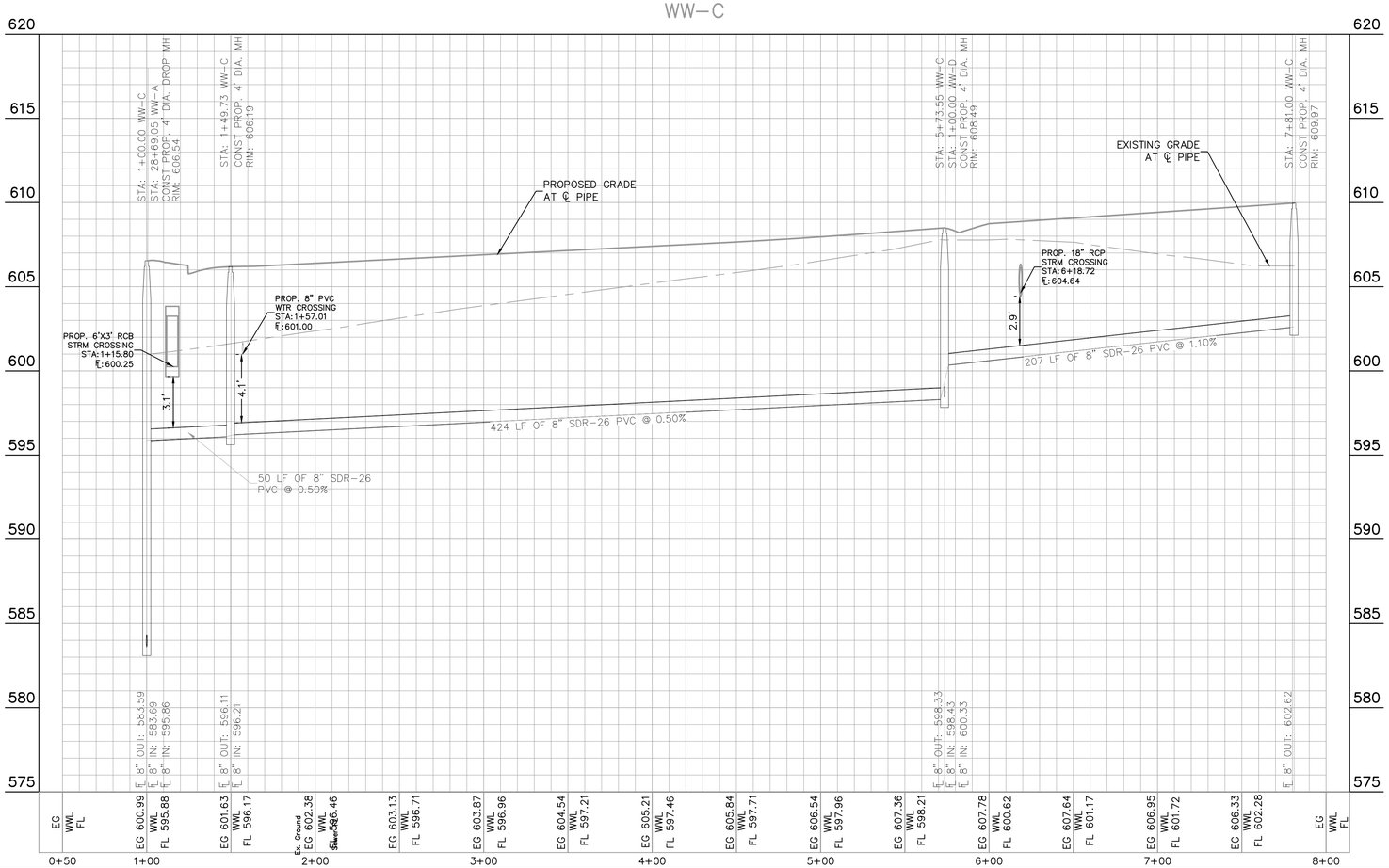
SHEET NUMBER	CASTLEWOOD SINGLE FAMILY PHASE 1 & 2	WASTEWATER PLAN & PROFILE LINE B (2 OF 2)	KHA PROJECT 069278800
81 OF 108	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS		DATE JANUARY 2020 SCALE: AS SHOWN DESIGNED BY: WB,DM DRAWN BY: DM,WB CHECKED BY: LC

STATE OF TEXAS — LUKE W. CHRAMAY — 125677 — LICENSED PROFESSIONAL ENGINEER — 10/16/2020

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY







UTILITY LEGEND

- PROPERTY LINE
- EASEMENT LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED SEWER SERVICE LINE
- PROPOSED WATER SERVICE LINE
- EXISTING WATER LINE
- EXISTING DEED LINE
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

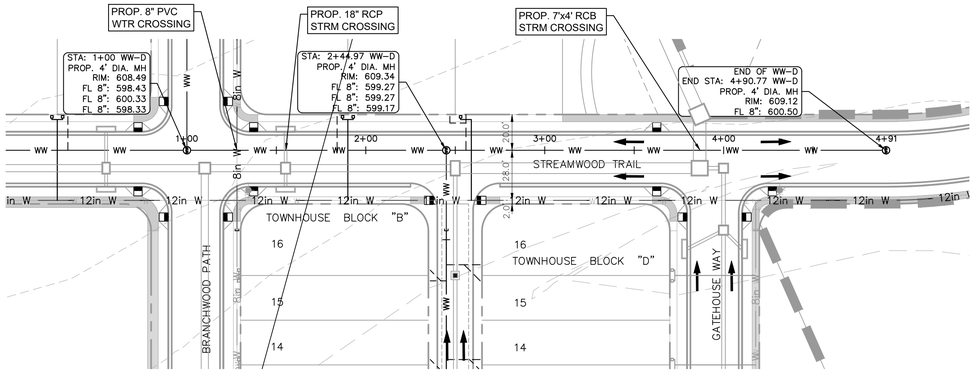
WASTEWATER PLAN & PROFILE LINE C

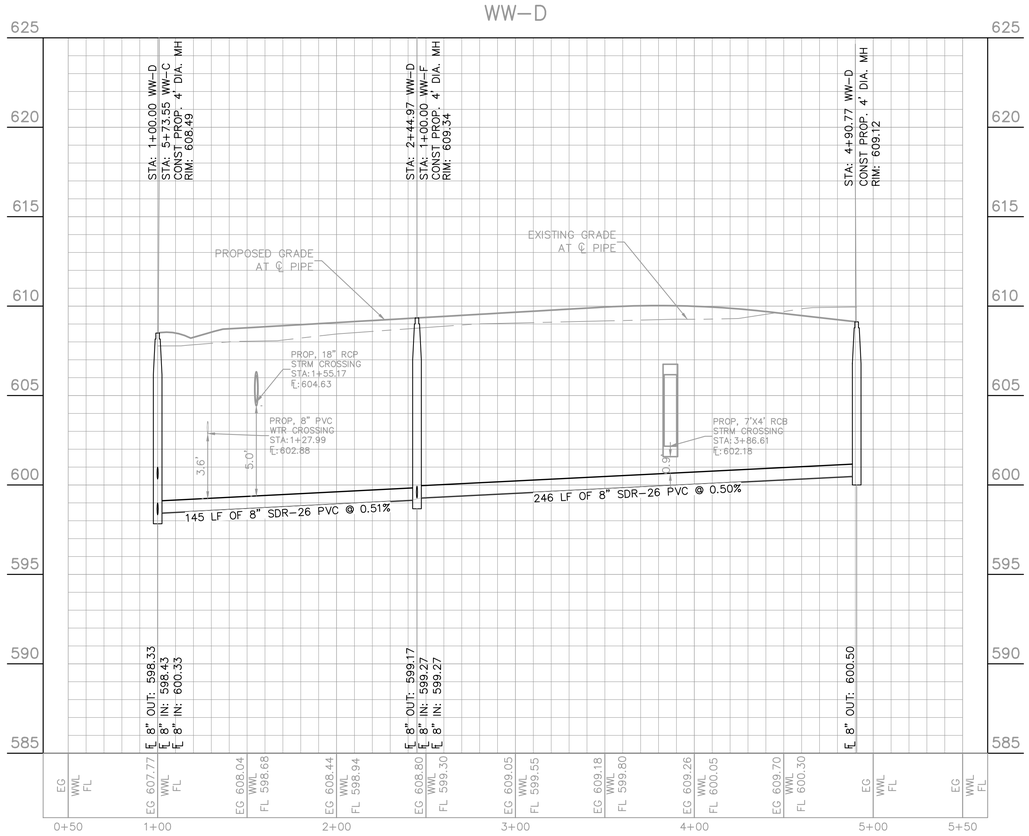
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

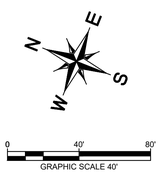
SHEET NUMBER
82 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:15:37pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL



UTILITY LEGEND

- PROPERTY LINE
- WW — PROPOSED WASTE WATER LINE
- W — PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

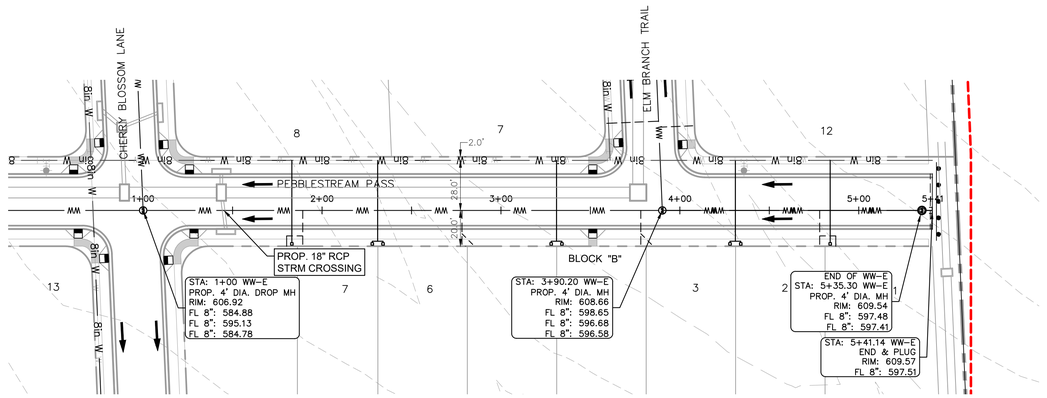
WASTEWATER PLAN & PROFILE LINE D

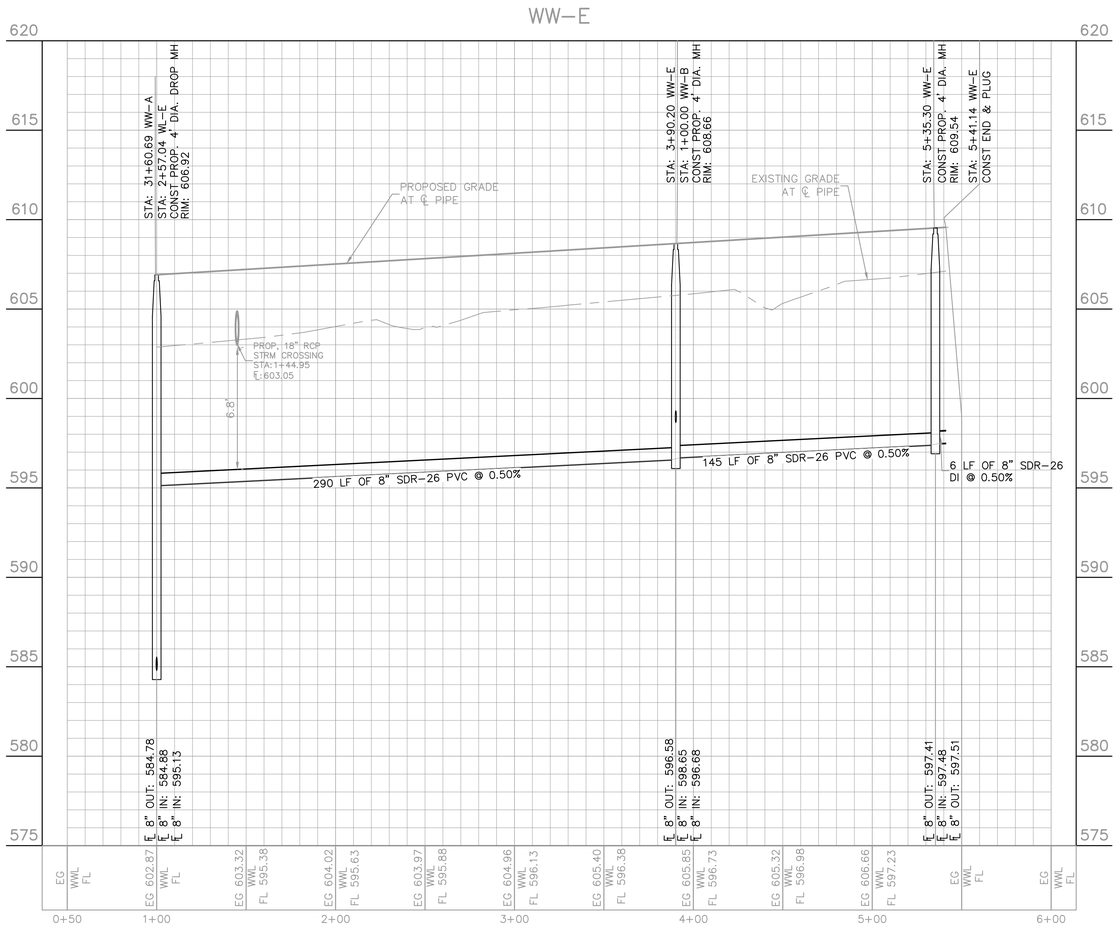
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

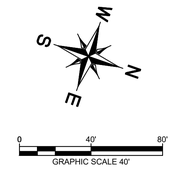
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
83 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:16:54pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile (Lines D-K).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

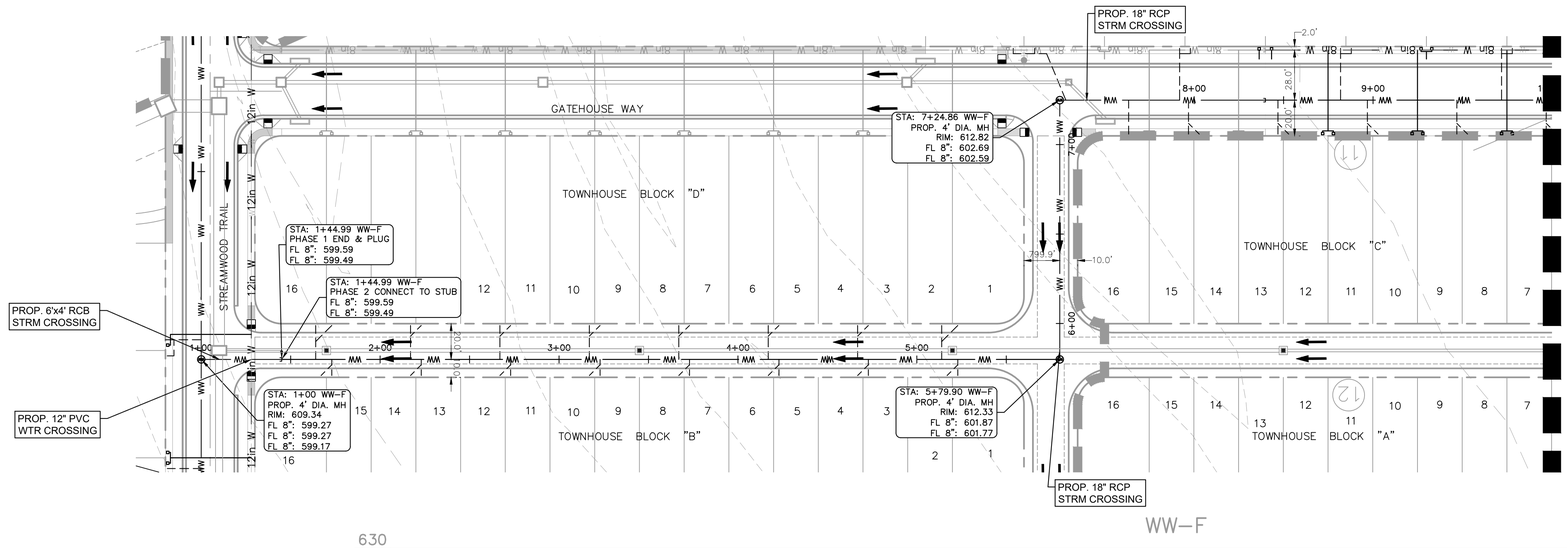
WASTEWATER PLAN & PROFILE LINE E

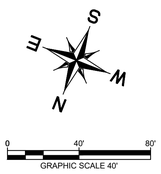
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
84 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:17:14pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile (Lines D-K).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

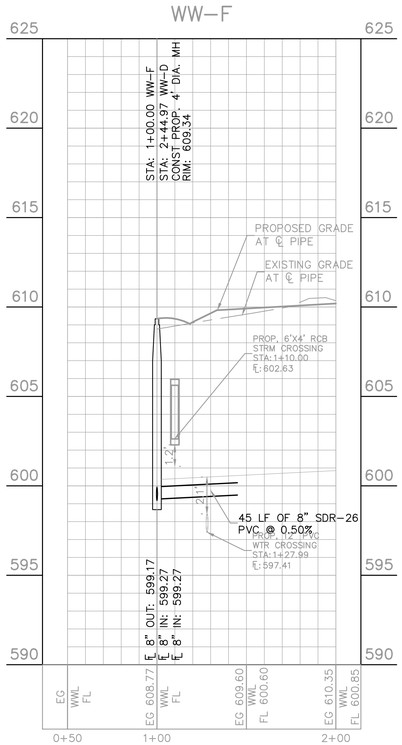


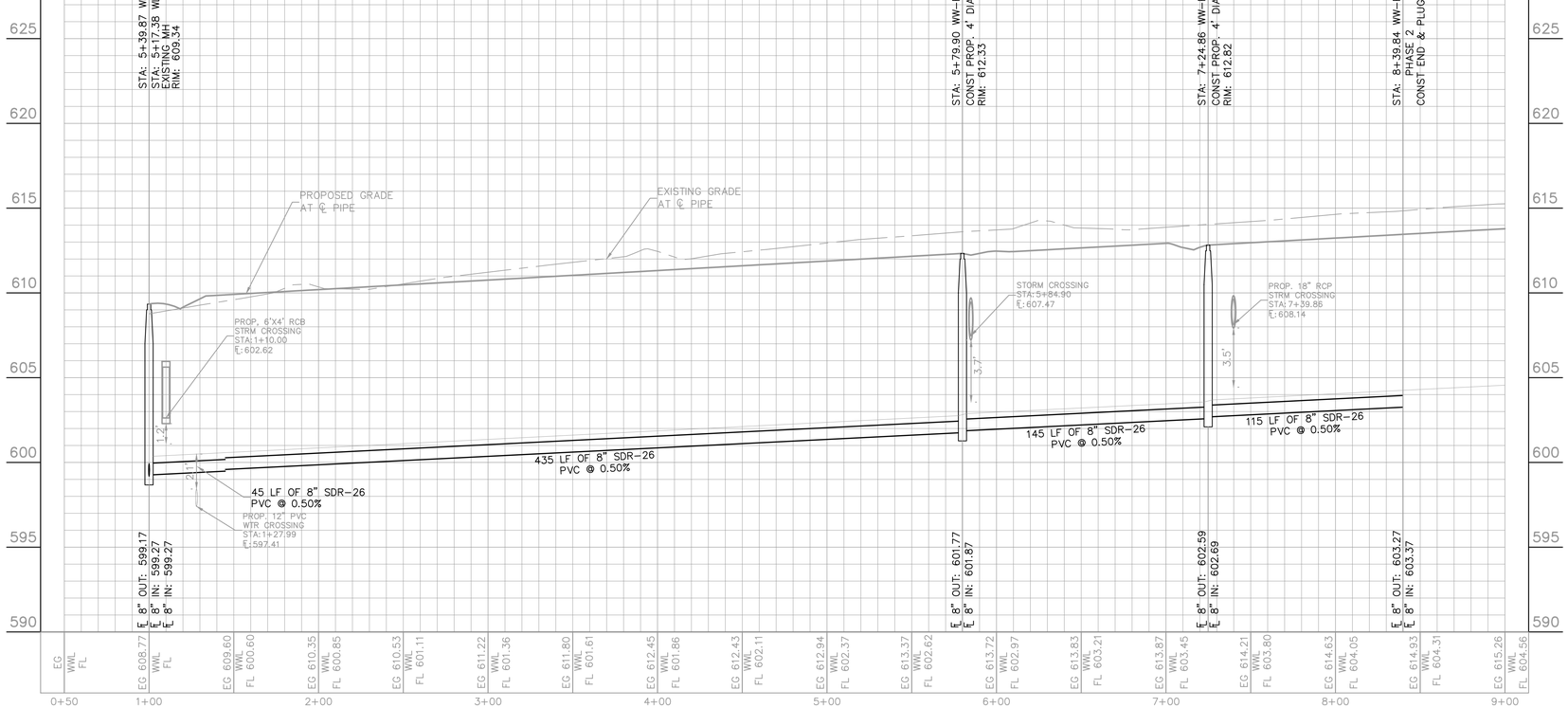


UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL





BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

WASTEWATER PLAN & PROFILE LINE F (1 OF 2)

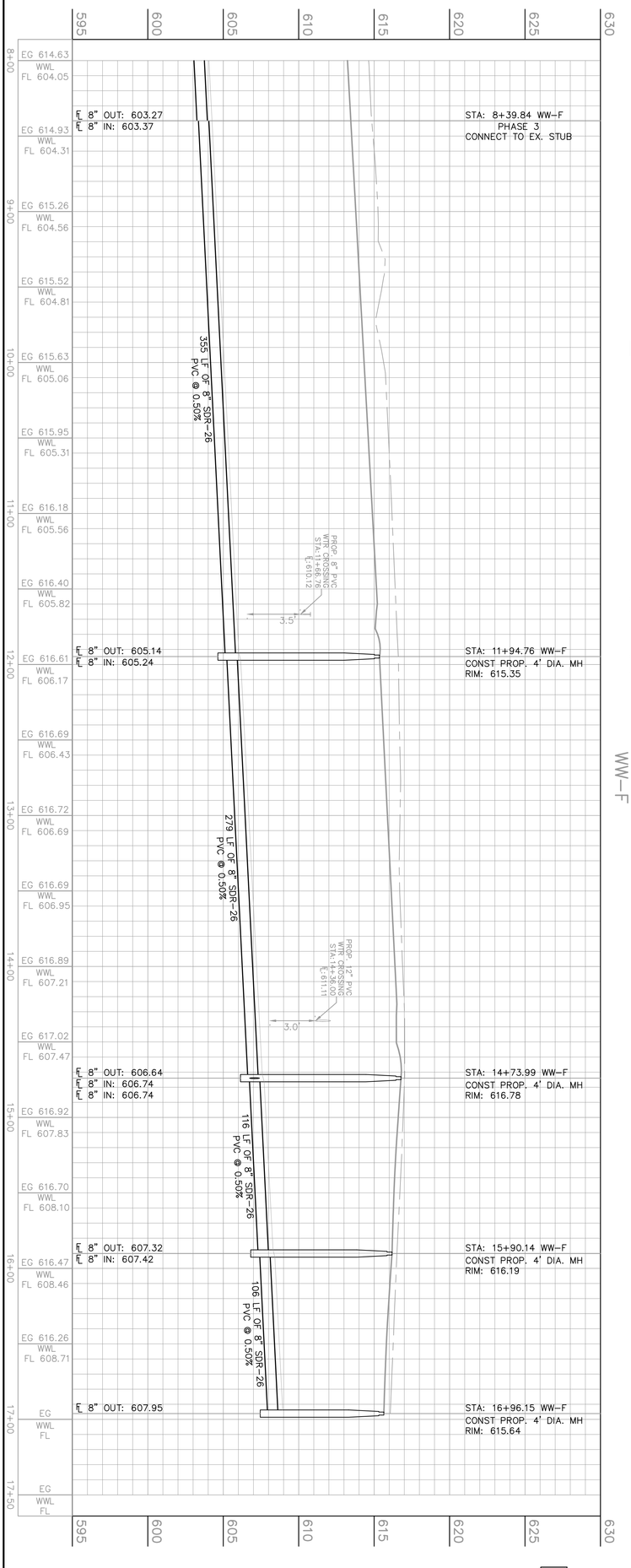
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

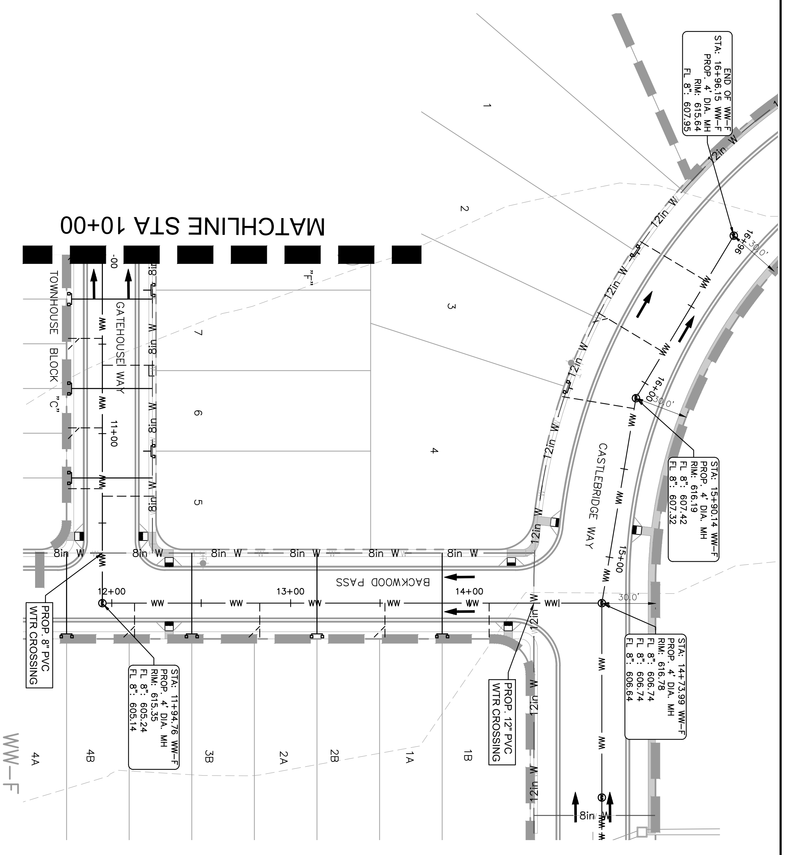
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
85 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:17:35pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile (Lines D-K).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Hansen, Matthew Date:October 16, 2020 04:17:55pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile (Lines D-K).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

GRAPHIC SCALE 40'

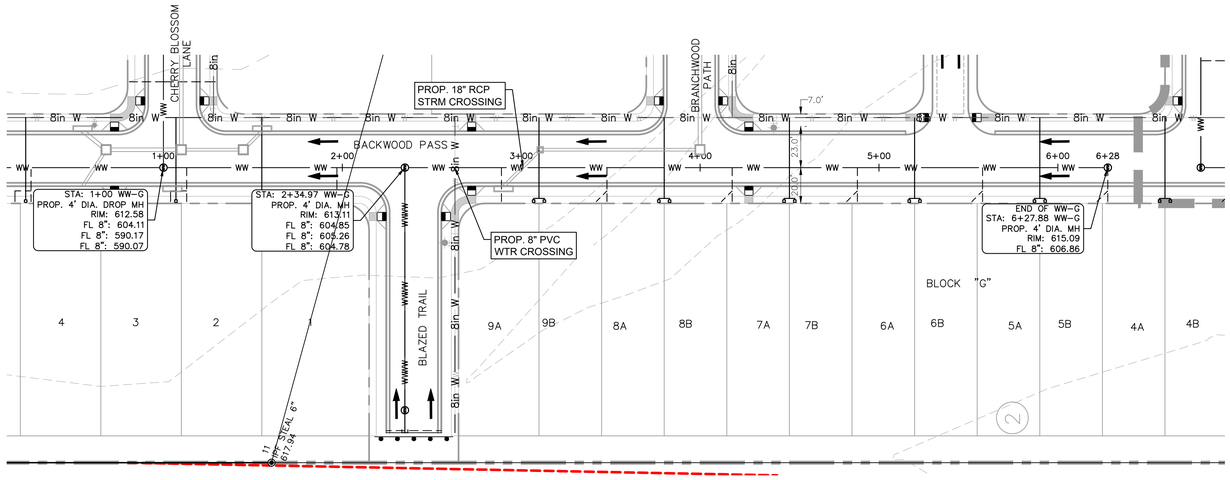
BENCHMARKS

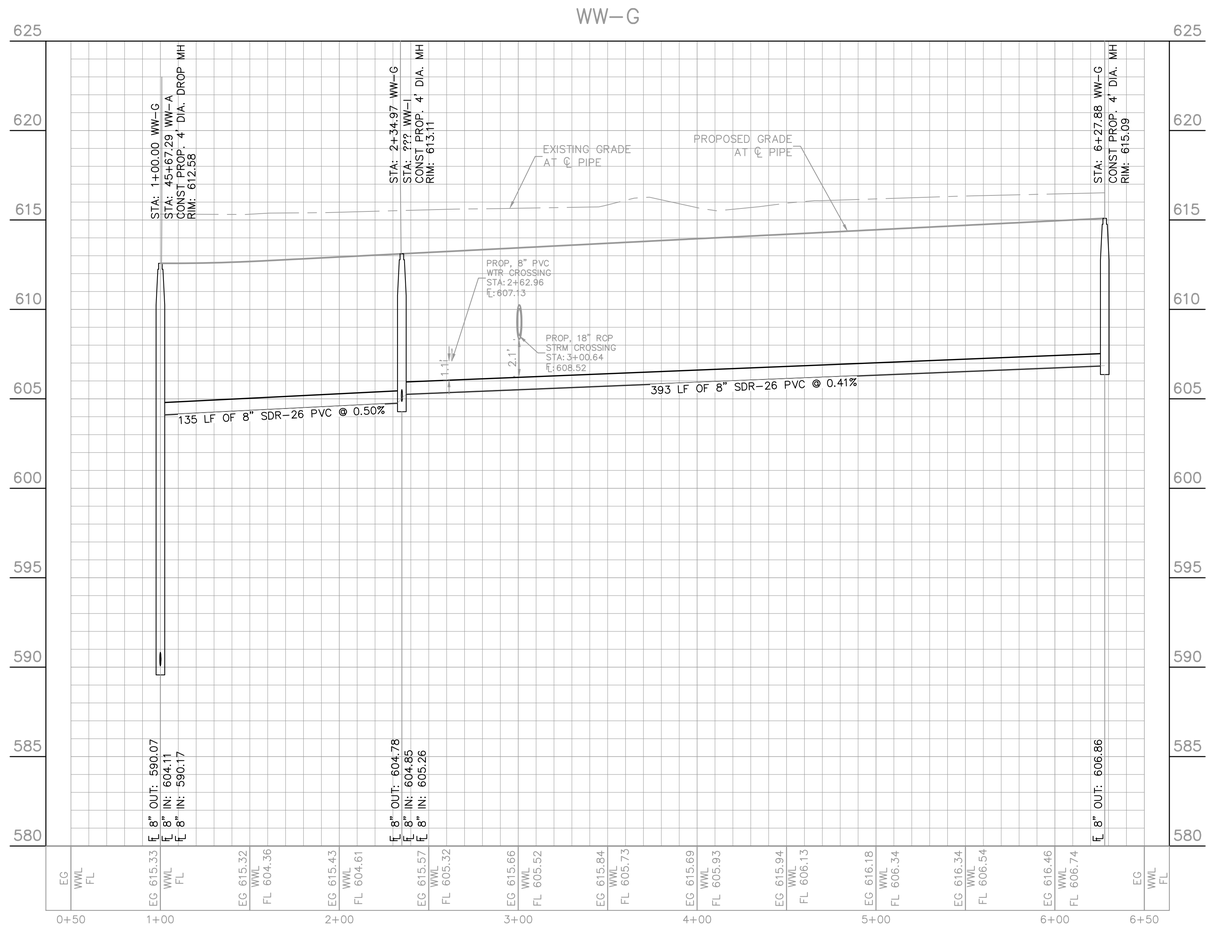
IRON ROD SET IN ASPHALT
ROAD, NORTH FLOW OF
F.M. 973, ELEV. 616.69

SHEET NUMBER 86 OF 108	CASTLEWOOD SINGLE FAMILY PHASE 1 & 2 CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS	WASTEWATER PLAN & PROFILE LINE F (2 OF 2)	KHA PROJECT 069278800 DATE JANUARY 2020 SCALE: AS SHOWN DESIGNED BY: WB,DM DRAWN BY: DM,WB CHECKED BY: LC

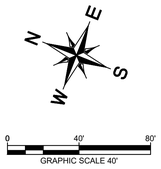
Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL



UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

BENCHMARKS

IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

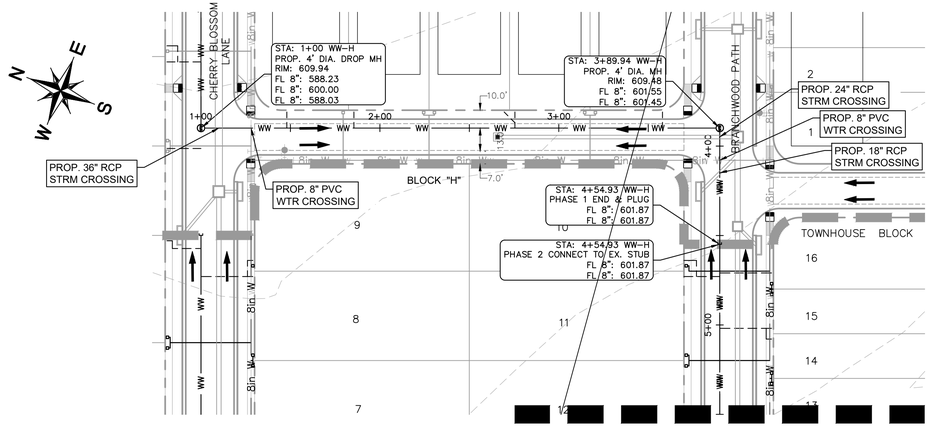
WASTEWATER PLAN & PROFILE LINE G

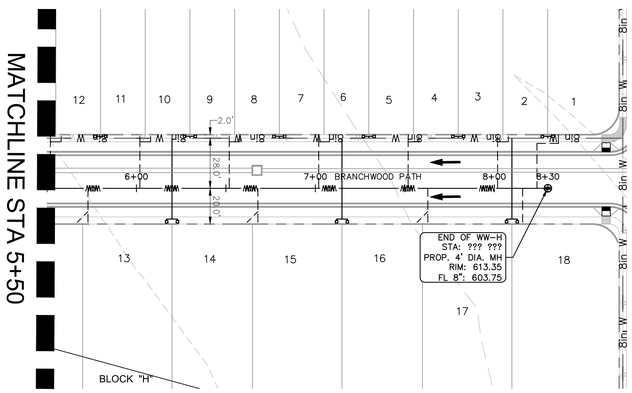
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
87 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:18:15pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile (Lines D-K).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



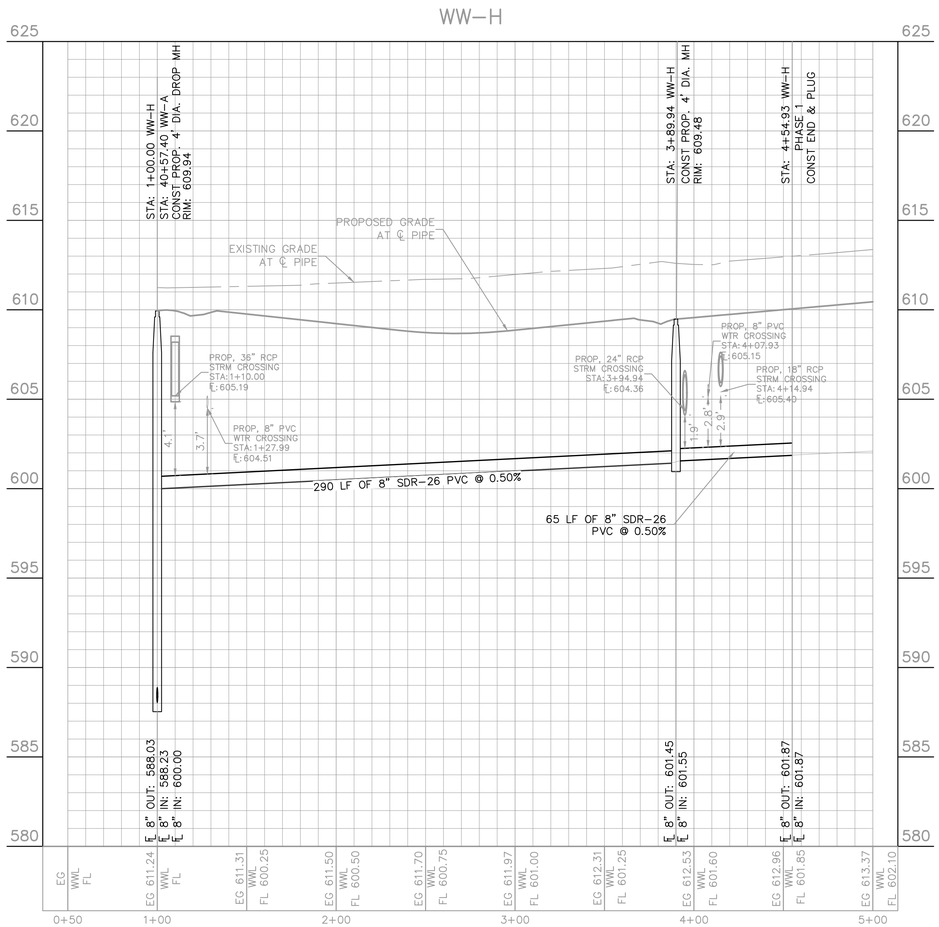


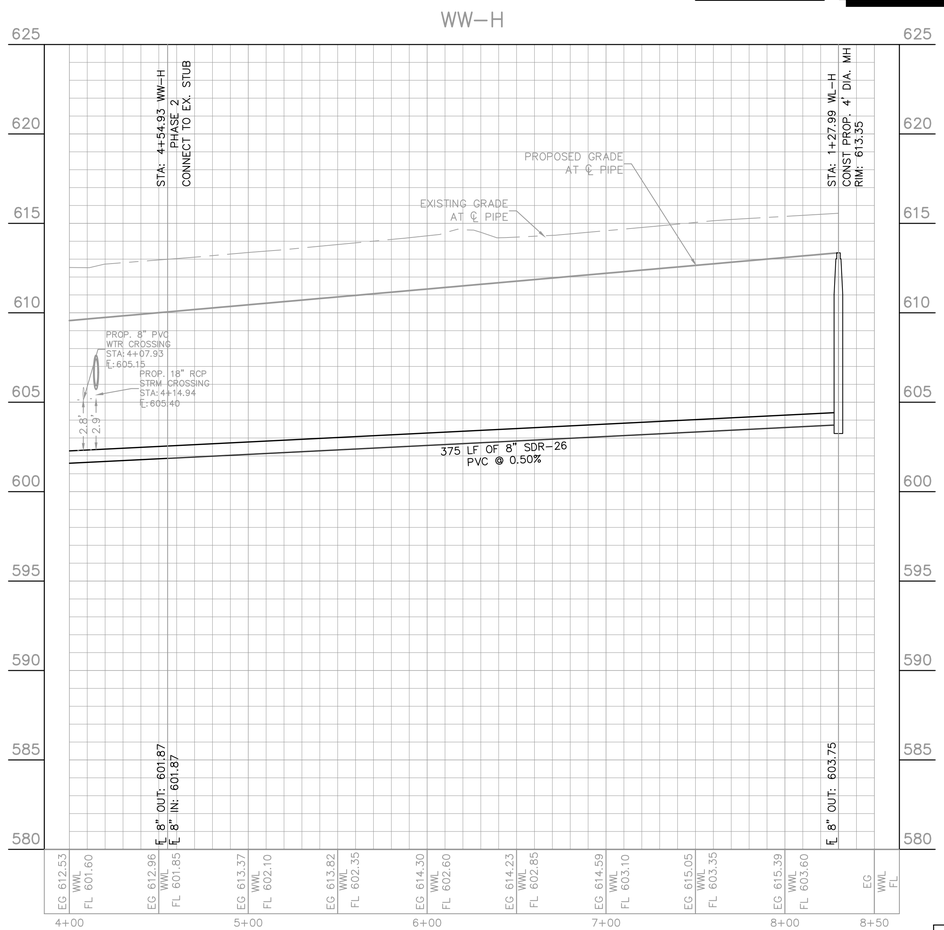


UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL





BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

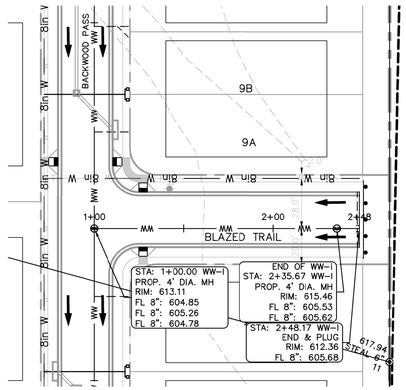
WASTEWATER PLAN & PROFILE LINE H

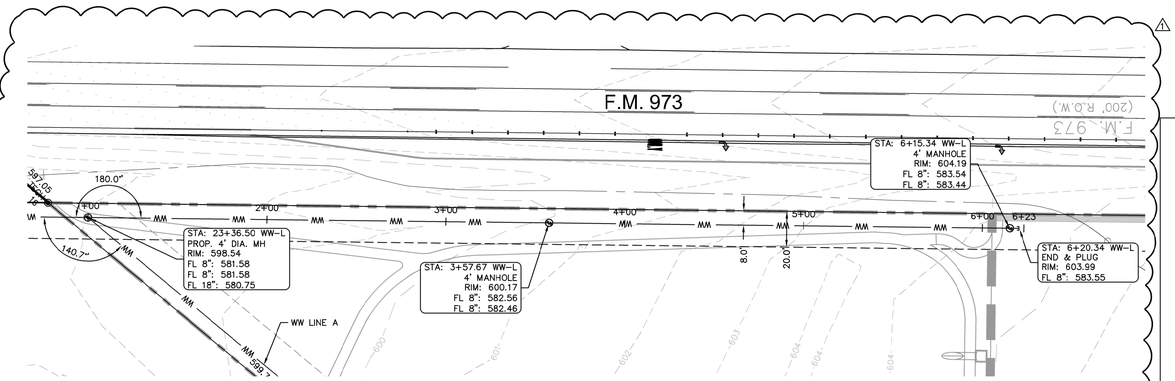
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
88 OF108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:18:47pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile (Lines D-K).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



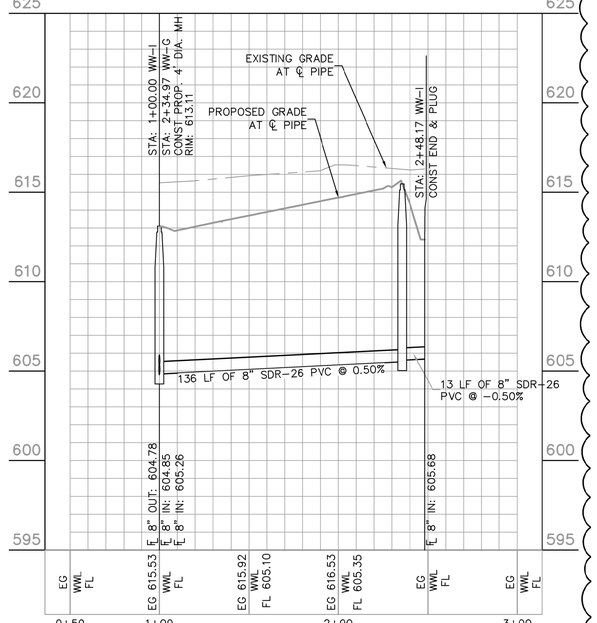


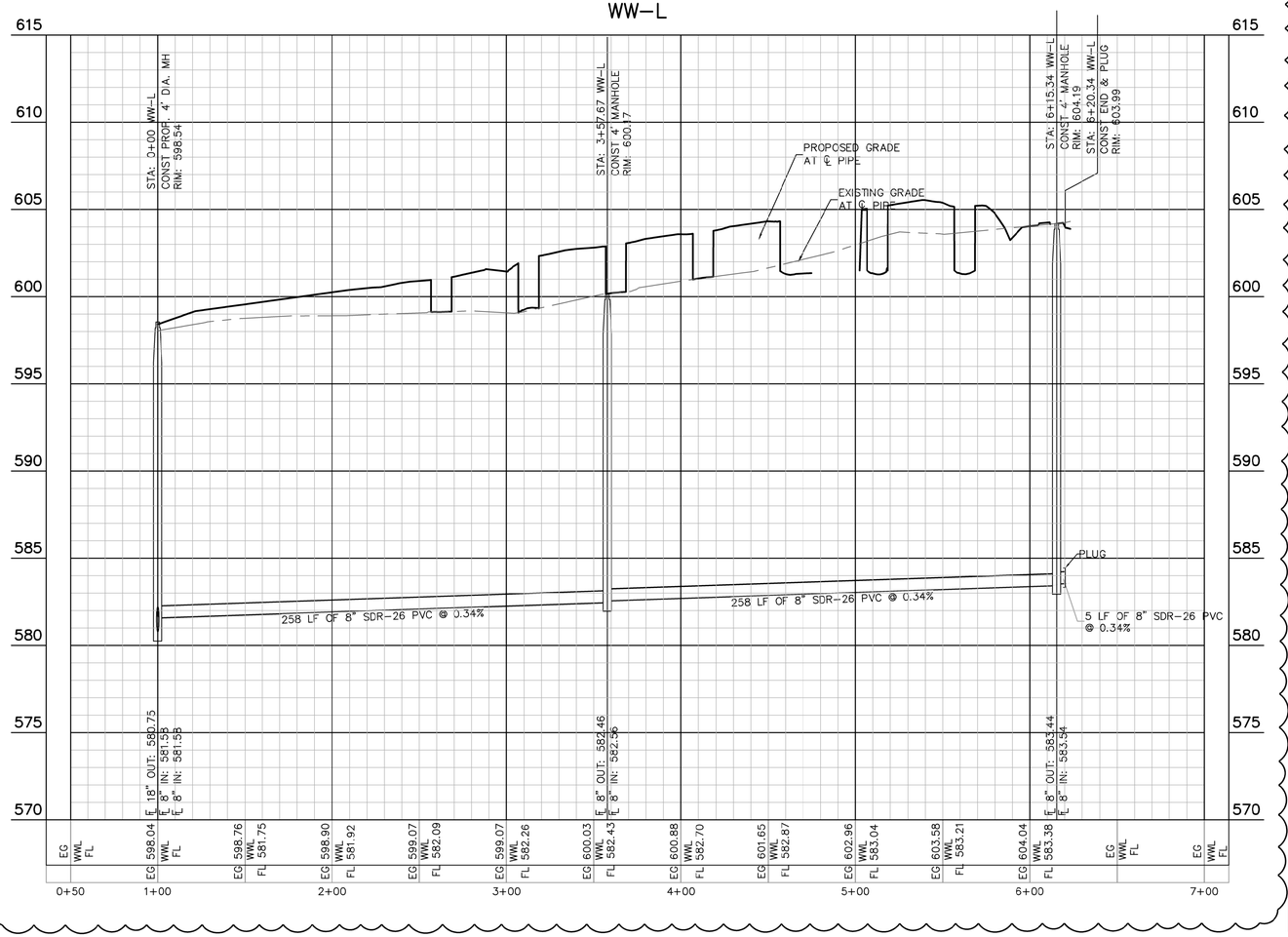


0 40' 80'
GRAPHIC SCALE 40'

UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE





PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY
1	ADD WW LINE L	3/09/2021	WB

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
03/09/2021

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

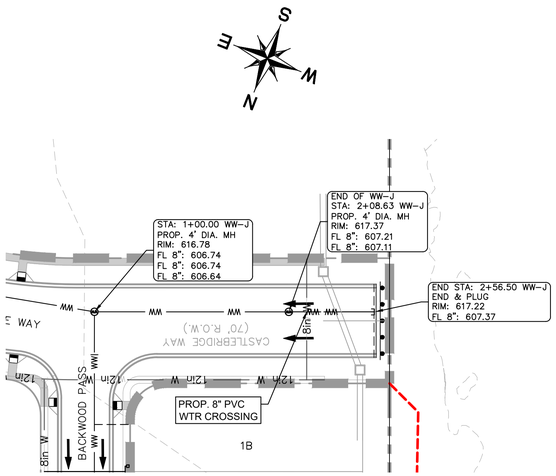
WASTEWATER PLAN & PROFILE LINE I & L

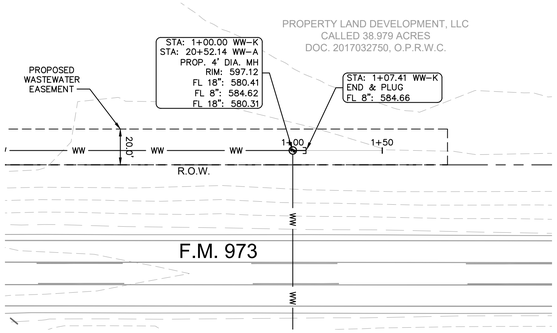
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

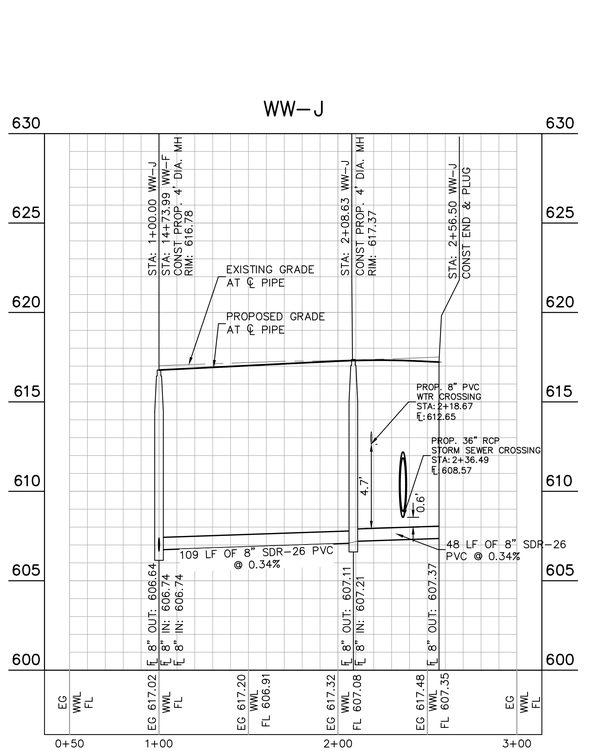
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

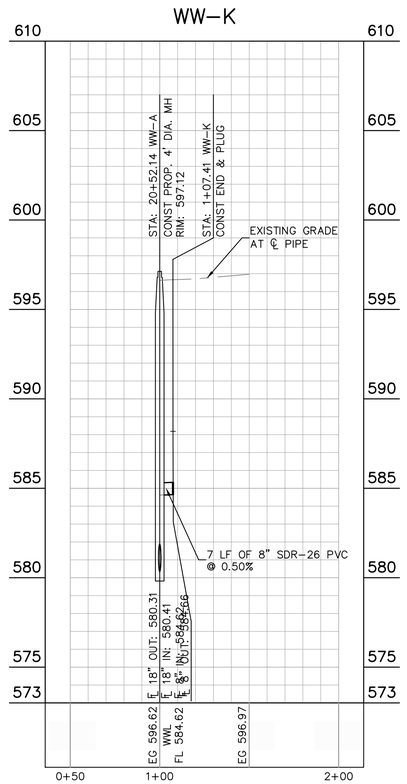
SHEET NUMBER
89 OF 108

Plotted By:Buzzelli, William Date:March 09, 2021 03:40:54pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C- Wastewater Plan & Profile (Lines D-K).dwg











UTILITY LEGEND

- PROPERTY LINE
- PROPOSED WASTE WATER LINE
- PROPOSED WATER LINE
- PROPOSED WASTE WATER MANHOLE
- WASTE WATER FLOW DIRECTION
- PROPOSED FIRE HYDRANT
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING WASTE WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WASTE WATER MANHOLE

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

PRELIMINARY
FOR REVIEW ONLY
Not for construction or permit purposes.
Kimley»Horn
Engineer LUKE W. CARAWAY
P.E. No. 125677 Date 1 /17

KHA PROJECT 069278800	DATE JANUARY 2020
SCALE: AS SHOWN	
DESIGNED BY: WB,DM	
DRAWN BY: DM,WB	
CHECKED BY: LC	

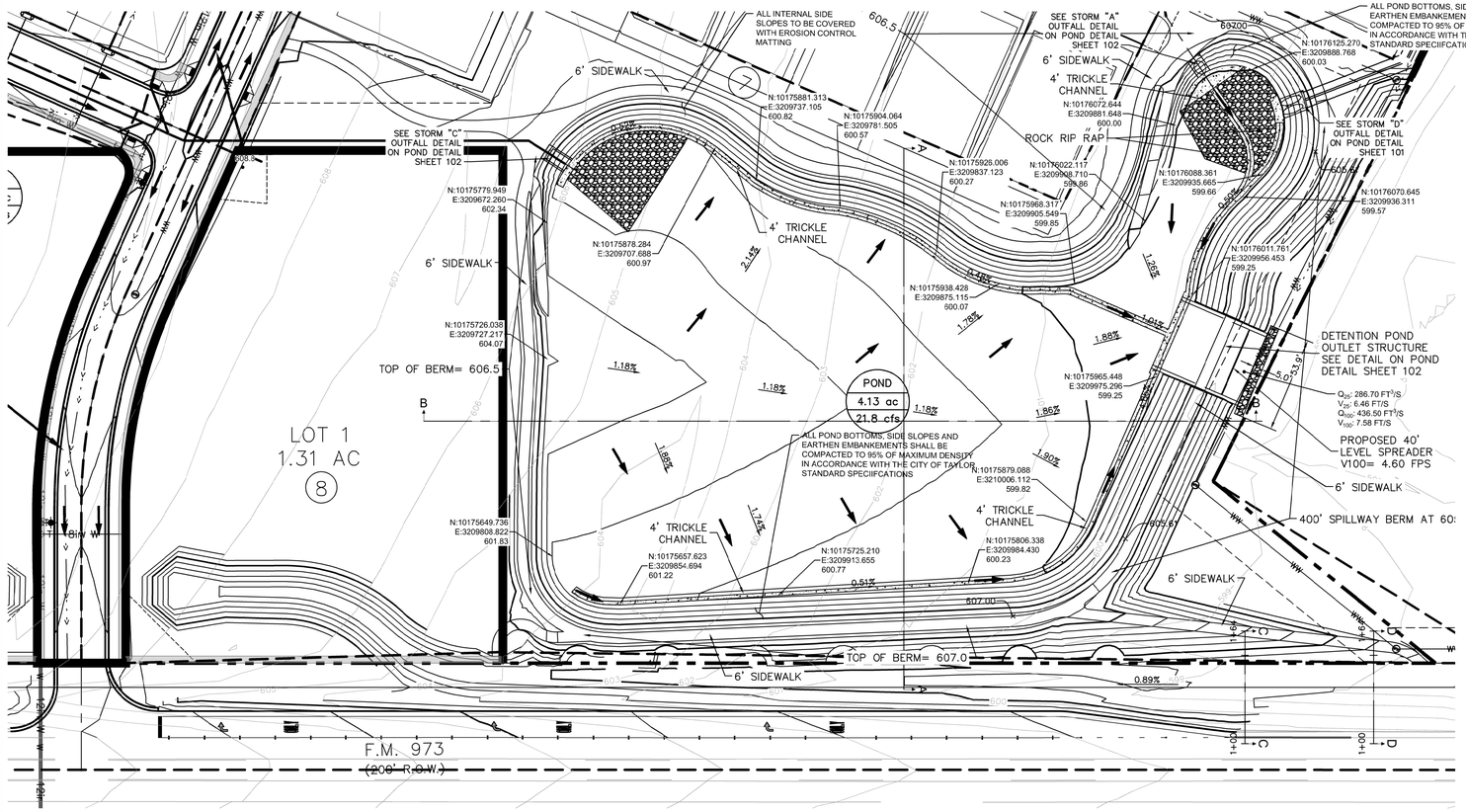
WASTEWATER PLAN & PROFILE LINE J & K

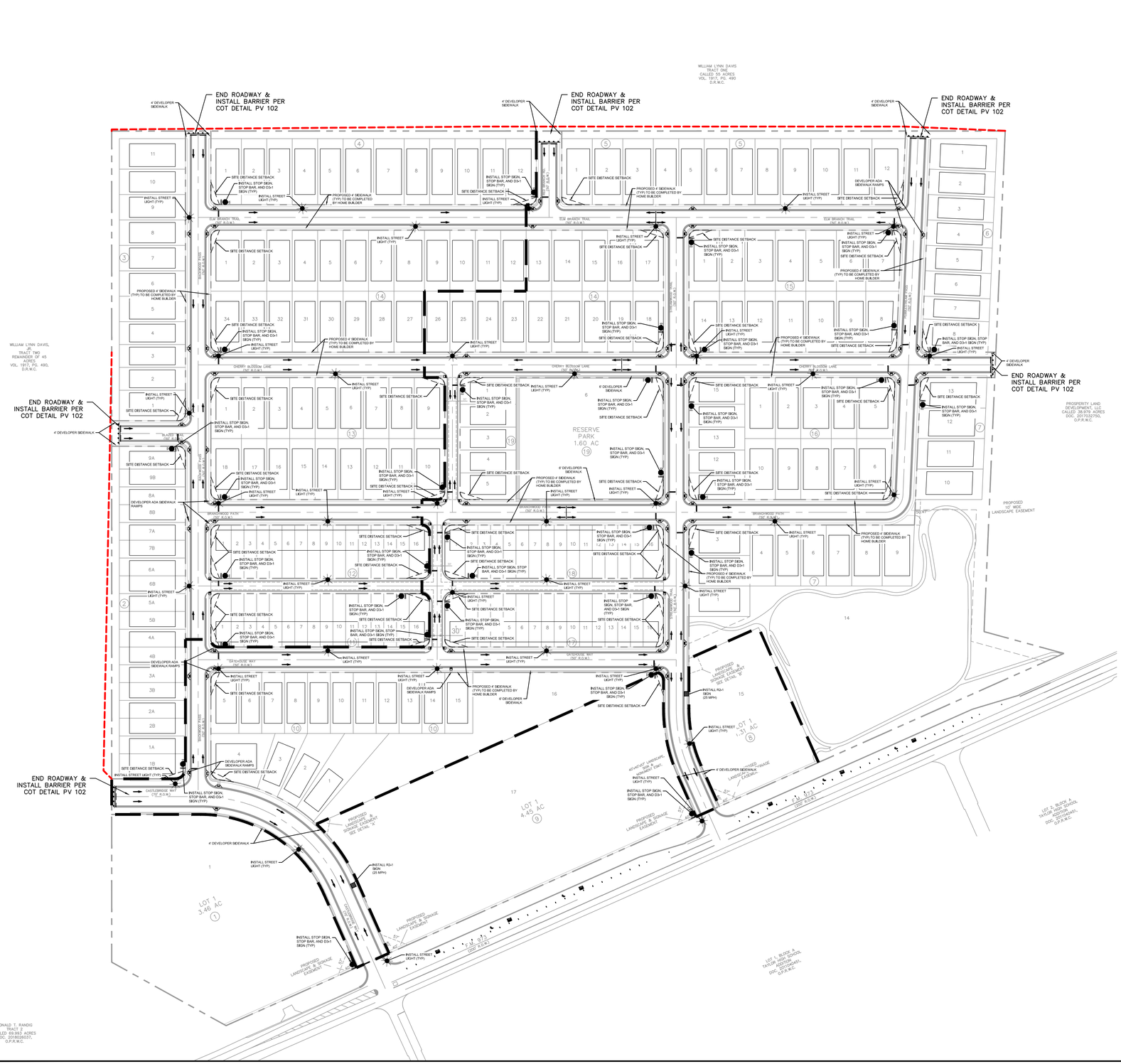
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
90 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:19:36pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Plan & Profile (Lines D-K).dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

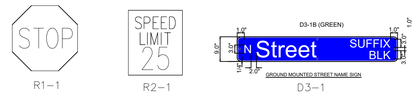

ALL INTERNAL SIDE SLOPES TO BE COVERED WITH EROSION CONTROL MATTING
SEE STORM "A" OUTFALL DETAIL ON POND DETAIL SHEET 102
ALL POND BOTTOMS, SIDE SLOPES AND EARTHEN EMBANKEMENTS SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH THE CITY OF TAYLOR STANDARD SPECIIFCATIONS
SEE STORM "C" OUTFALL DETAIL ON POND DETAIL SHEET 102
SEE STORM "D" OUTFALL DETAIL ON POND DETAIL SHEET 101
6' SIDEWALK
4' TRICKLE CHANNEL
ROCK RIP RAP
LOT 1
1.31 AC
8
POND
4.13 ac
21.8 cfs
TOP OF BERM= 606.5
TOP OF BERM= 607.0
DETENTION POND OUTLET STRUCTURE SEE DETAIL ON POND DETAIL SHEET 102
PROPOSED 40' LEVEL SPREADER V100= 4.60 FPS
400' SPILLWAY BERM AT 60
F.M. 973
(200' R.O.W.)
N:10175881.313
E:3209737.105
600.82
N:10175904.064
E:3209781.505
600.57
N:10176125.270
E:3209888.768
600.03
N:10176072.644
E:3209881.648
600.00
N:10175926.006
E:3209837.123
600.27
N:10176022.117
E:3209908.710
599.86
N:10175968.317
E:3209905.549
599.85
N:10176088.361
E:3209935.665
599.66
N:10176070.645
E:3209936.311
599.57
N:10176011.761
E:3209956.453
599.25
N:10175878.284
E:3209707.688
600.97
N:10175938.428
E:3209875.115
600.07
N:10175965.448
E:3209975.296
599.25
N:10175726.038
E:3209727.217
604.07
N:10175649.736
E:3209808.822
601.83
N:10175657.623
E:3209854.694
601.22
N:10175725.210
E:3209913.655
600.77
N:10175806.338
E:3209884.430
600.23
N:10175879.088
E:3210006.112
599.82
N:10175775.949
E:3209672.260
602.34
2.14%
1.18%
1.78%
1.01%
1.88%
1.86%
1.90%
1.74%
0.51%
0.89%
1.64%
5.01%
607.00
606.5
608.5
606.5
605.5
602.5
603.5
604.5
605.5
606.5
607.5
608.5
609.5
610.5
611.5
612.5
613.5
614.5
615.5
616.5
617.5
618.5
619.5
620.5
621.5
622.5
623.5
624.5
625.5
626.5
627.5
628.5
629.5
630.5
631.5
632.5
633.5
634.5
635.5
636.5
637.5
638.5
639.5
640.5
641.5





LEGEND

- PROPERTY BOUNDARY
- STREET LIGHT
- STOP SIGN (R1-1) AND STOP BAR (TYP.)
- STREET NAME SIGN
- SIDEWALK (DEVELOPER SIDEWALK)
- SIDEWALK (NON DEVELOPER SIDEWALK)
- SIDEWALK RAMP
- CLUSTERED DRIVEWAY LOTS PER AMOC
- FIRE HYDRANT PAVEMENT MARKER
- FIRE HYDRANT



NOTES:

1. STREET NAME SIGNS SHOULD MEET THE REQUIREMENTS OF CITY OF TAYLOR STANDARD #PV-015.
2. STREET LIGHTS SHOULD MEET THE REQUIREMENTS LAID OUT IN THE CITY OF TAYLOR ENGINEERING MANUAL.
3. ALL STOP BARS TO CONFORM TO TMUTCD STANDARDS FOR LOCATIONS AND DIMENSIONS AND THERMOPLASTIC STRIPING.
4. CROSS HATCHED STRIPING TO BE WHITE AND 4 INCHES WIDE WITH 10 FOOT SPACING (PER TMUTCD STANDARDS FOR THERMOPLASTIC STRIPING).

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

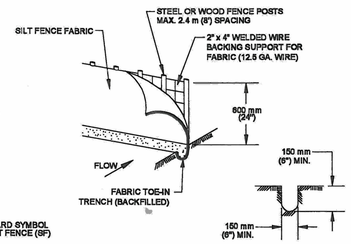
STREET LIGHT, SIDEWALK, SIGN & STRIPING PLAN

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
92 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:22:15pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Street Light & Sign Plan.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.



STANDARD SYMBOL
FOR SILT FENCE (SF)

SF

TRENCH CROSS SECTION

1. STEEL OR WOOD POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 300 mm (12 INCHES). IF WOOD POSTS CANNOT ACHIEVE 300 mm (12 Inches) DEPTH, USE STEEL POSTS.

2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.

3. THE TRENCH MUST BE A MINIMUM OF 150 mm (6 Inches) DEEP AND 150 mm (6 Inches) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.

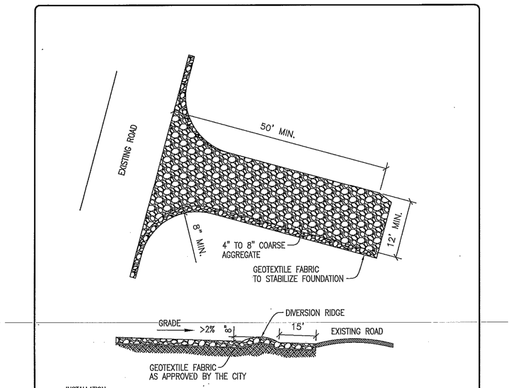
4. SILT FENCE FABRIC SHOULD BE SECURELY FASTENED TO EACH STEEL OR WOOD SUPPORT POST OR TO WOVEN WIRE , WHICH IS IN TURN ATTACHED TO THE STEEL OR WOOD FENCE POST.

5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTY AS NEEDED.

6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6 Inches). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

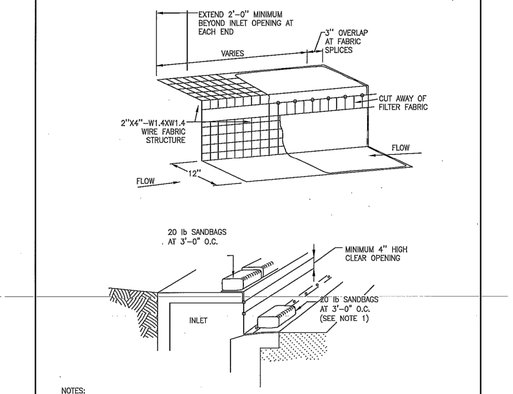
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT	SILT FENCE	
9/1/2011 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 642S-1



INSTALLATION:
- CLEAR THE AREA OF DEBRIS, ROCKS OR PLANTS THAT WILL INTERFERE WITH INSTALLATION.
- GRADE THE AREA FOR THE ENTRANCE TO FLOW BACK ON TO THE CONSTRUCTION SITE. RUNOFF FROM THE STABILIZED CONSTRUCTION ENTRANCE ONTO A PUBLIC STREET WILL NOT BE ACCEPTED.
- PLACE GEOTEXTILE FABRIC AS APPROVED BY THE CITY.
- PLACE ROCK AS APPROVED BY THE CITY.

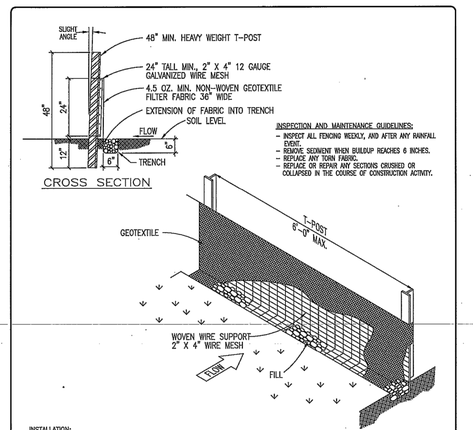
INSPECTIONS AND MAINTENANCE GUIDELINES:
- THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION, WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ON TO PUBLIC RIGHTS-OF-WAY SHOULD BE REMOVED IMMEDIATELY BY CONTRACTOR.
- WHEN NECESSARY, WHEELS SHOULD BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.
- WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
- ALL SEDIMENT SHOULD BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE BY USING APPROVED METHODS.

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STABILIZED CONSTRUCTION ENTRANCE	EN 001



NOTES:
1. WHERE MINIMUM CLEARANCES CAUSE TRAFFIC TO DRIVE IN THE GUTTER, THE CONTRACTOR MAY SUBSTITUTE A 1" X 4" BOARD SECURED WITH CONCRETE NAILS 3' O.C. NAILED INTO THE GUTTER IN LIEU OF SANDBAGS TO HOLD THE FILTER DIKE IN PLACE. UPON REMOVAL, CLEAN ANY DIRT/DEBRIS FROM NAILING LOCATIONS, APPLY CHEMICAL SANDING AGENT AND APPLY NON-SHRINK GROUT FLUSH WITH SURFACE OF GUTTER.
2. A SECTION OF FILTER FABRIC SHALL BE REMOVED AS SHOWN ON THIS DETAIL OR AS DIRECTED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. FABRIC MUST BE SECURED TO WIRE BACKING WITH CLIPS OR HOG RINGS AT THIS LOCATION.
3. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
4. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY REMOVE THE INLET PROTECTIONS IF THE STORM WATER BEGINS TO OVERTOP THE CURB.
5. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

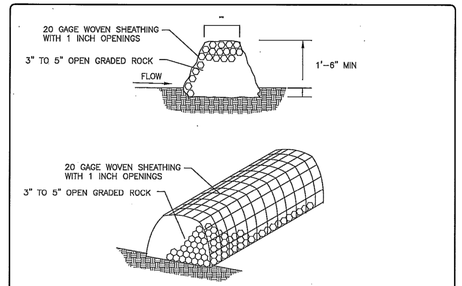
APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	FILTER DIKE CURB INLET PROTECTION	EN 002



INSPECTION AND MAINTENANCE GUIDELINES:
- INSPECT ALL FENCING WEEKLY, AND AFTER ANY RAINFALL EVENT.
- REMOVE SEDIMENT WHEN BUILDUP REACHES 6 INCHES.
- REPLACE ANY TORN FABRIC.
- REPLACE OR REPAIR ANY SECTIONS CROSSED OR COLLAPSED IN THE COURSE OF CONSTRUCTION ACTIVITY.

INSTALLATION:
- LAYOUT THE SILT FENCE FOLLOWING AS CLOSELY AS POSSIBLE TO THE CONTOUR.
- CLEAR THE GROUND OF DEBRIS, ROCKS, PLANTS (INCLUDING GRASSES TALLER THAN 2") TO PROVIDE A SMOOTH FLOW APPROACH SURFACE. EXCAVATE 6" DEEP X 6" WIDE TRENCH ON UPSTREAM SIDE OF FACE PER PLANS.
- DRIVE THE HEAVY DUTY T-POST AT LEAST 12 INCHES INTO THE GROUND AND AT A SLIGHT ANGLE TOWARDS THE FLOW.
- ATTACH THE 2" X 4" 12 GAUGE WELDED WIRE MESH TO THE T-POST WITH 11 1/2 GAUGE GALVANIZED T-POST CLIPS. THE TOP OF THE WIRE TO BE 24" ABOVE GROUND LEVEL. THE WELDED WIRE MESH TO BE OVERLAPPED 6" AND TIED AT LEAST 6 TIMES WITH HOG RINGS.
- THE SILT FENCE TO BE INSTALLED WITH A SKIRT A MINIMUM OF 11" WIDE PLACED ON THE UPHILL SIDE OF THE FENCE INSIDE EXCAVATED TRENCH. THE FABRIC TO OVERLAP THE TOP OF THE WIRE BY 1".
- ANCHOR THE SILT FENCE BY BACKFILLING WITH EXCAVATED DIRT AND ROCKS (NOT LARGER THAN 2").
- GEOTEXTILE SPLICES SHOULD BE A MINIMUM OF 18" WIDE ATTACHED IN AT LEAST 6 PLACES. SPLICES IN CONCENTRATED FLOW AREAS WILL NOT BE ACCEPTED.
- SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	SILT FENCE DETAIL	EN 003



INSTALLATION:
- LAYOUT OF ROCK BERM FOLLOWING AS CLOSELY AS POSSIBLE TO THE CONTOUR.
- CLEAR THE AREA OF DEBRIS, ROCKS OR PLANTS THAT WILL INTERFERE WITH INSTALLATION.
- PLACE WOVEN WIRE FABRIC ON THE GROUND ALONG THE PROPOSED INSTALLATION WITH ENOUGH OVERLAP TO COMPLETELY ENCIRCLE THE FINISHED SIZE OF THE BERM.
- PLACE THE ROCK ALONG THE CENTER OF THE WIRE TO THE DESIGNATED HEIGHT.
- WRAP THE STRUCTURE WITH THE PREVIOUSLY PLACED WIRE MESH SECURE ENOUGH SO THAT WHEN WALKED ACROSS THE STRUCTURE RETAINS IT'S SHAPE.
- SECURE WITH TIE WIRE.
- THE ENDS OF THE BERM SHOULD BE TIED INTO EXISTING UPSLOPE GRADE AND THE BERM SHOULD BE BURIED IN A TRENCH APPROX. 4 INCHES DEEP TO PREVENT FAILURE OF THE CONTROL.
- THE ROCK BERM SHOULD BE LEFT IN PLACE UNTIL ALL UPSTREAM AREAS ARE STABILIZED AND ACCUMULATED SILT IS REMOVED.

INSPECTIONS AND MAINTENANCE GUIDELINES:
- INSPECTION SHOULD BE MADE WEEKLY AND AFTER EACH RAINFALL EVENT BY THE RESPONSIBLE PARTY, FOR INSTALLATION IN STREAM BEDS, ADDITIONAL DAILY INSPECTIONS SHOULD BE MADE.
- REMOVE SEDIMENT AND OTHER DEBRIS WHEN BUILDUP REACHES 6 INCHES AND DISPOSE OF THE ACCUMULATED SILT IN AN APPROVED MANNER.
- REPAIR ANY LOOSE WIRE SHEATHING.
- THE BERM SHOULD BE RESHAPED AS NEEDED DURING INSPECTION.
- THE BERM SHOULD BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	ROCK BERM DETAIL	EN 004

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800	DATE JANUARY 2020	SCALE: AS SHOWN	DESIGNED BY: WB,DM	DRAWN BY: DM,WB	CHECKED BY: LC

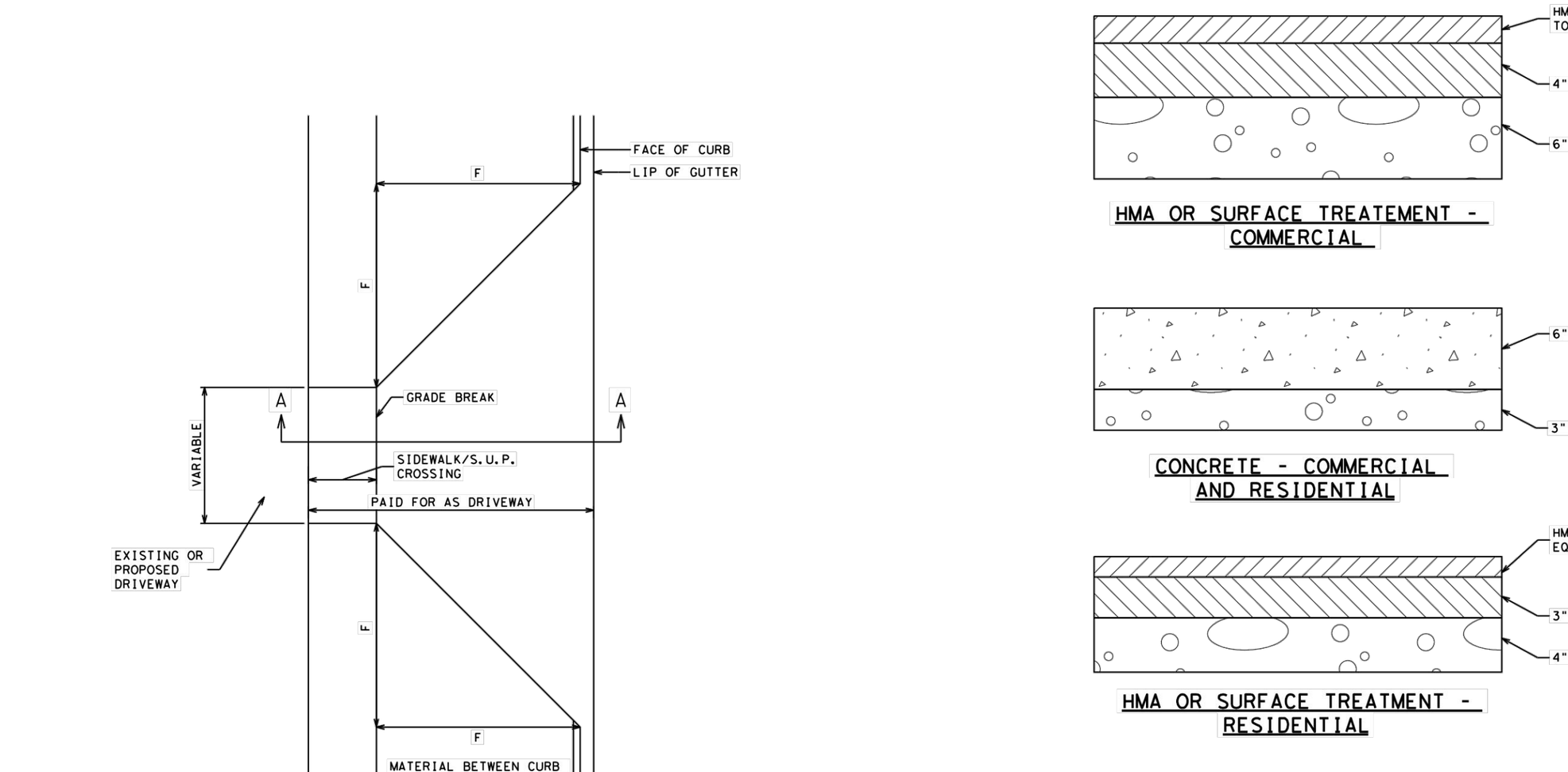
EROSION CONTROL DETAILS

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

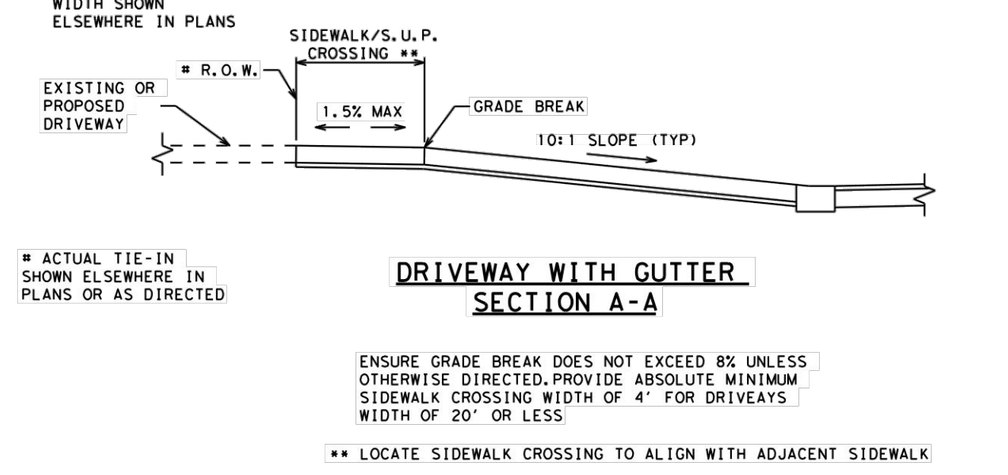
SHEET NUMBER
93 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:22:43pm File Path:K:\SAU_Civil\069278800_Castlewood Single Family\Cad\PlanSheets\C-Erosion Control Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

DRIVEWAYS (DW-19 (AUS)) — Texas Department of Transportation, Austin District Standard



SPEED	TYPE	SHLD WIDTH	"F"
≥45	RESIDENTIAL	ALL	15
<45	RESIDENTIAL	ALL	10
≥45	COMMERCIAL	>8 <8	15 20
<45	COMMERCIAL	>8 <8	10 15



* ACTUAL TIE-IN SHOWN ELSEWHERE IN PLANS OR AS DIRECTED

DRIVEWAY WITH GUTTER SECTION A-A

ENSURE GRADE BREAK DOES NOT EXCEED 8% UNLESS OTHERWISE DIRECTED. PROVIDE ABSOLUTE MINIMUM SIDEWALK CROSSING WIDTH OF 4' FOR DRIVEWAYS WIDTH OF 20' OR LESS

** LOCATE SIDEWALK CROSSING TO ALIGN WITH ADJACENT SIDEWALK

GENERAL NOTES

PROVIDE EXPANSION 20 FT C-C FOR WIDTH OR LENGTH OVER 25 FT. EXPANSION JOINT PER AUS STANDARD FOR SIDEWALK.

REINFORCEMENT WILL BE IN ACCORDANCE WITH ITEM 432.3.1 USING NO. 3 OR NO. 4 BARS.

FIBER REINFORCEMENT IS NOT ALLOWED. CLASS A CONCRETE IS ALLOWED TO USE COARSE AGGREGATE GRADES 1-8.

IN LIEU OF PFC OR TOM, SURFACE SHALL BE 1.5" D-GR HMA Ty D. IF SURFACE IS A MULTIPLE COURSE SURFACE TREATEMENT, ALL COURSES MUST BE PLACED ON DRIVEWAY.

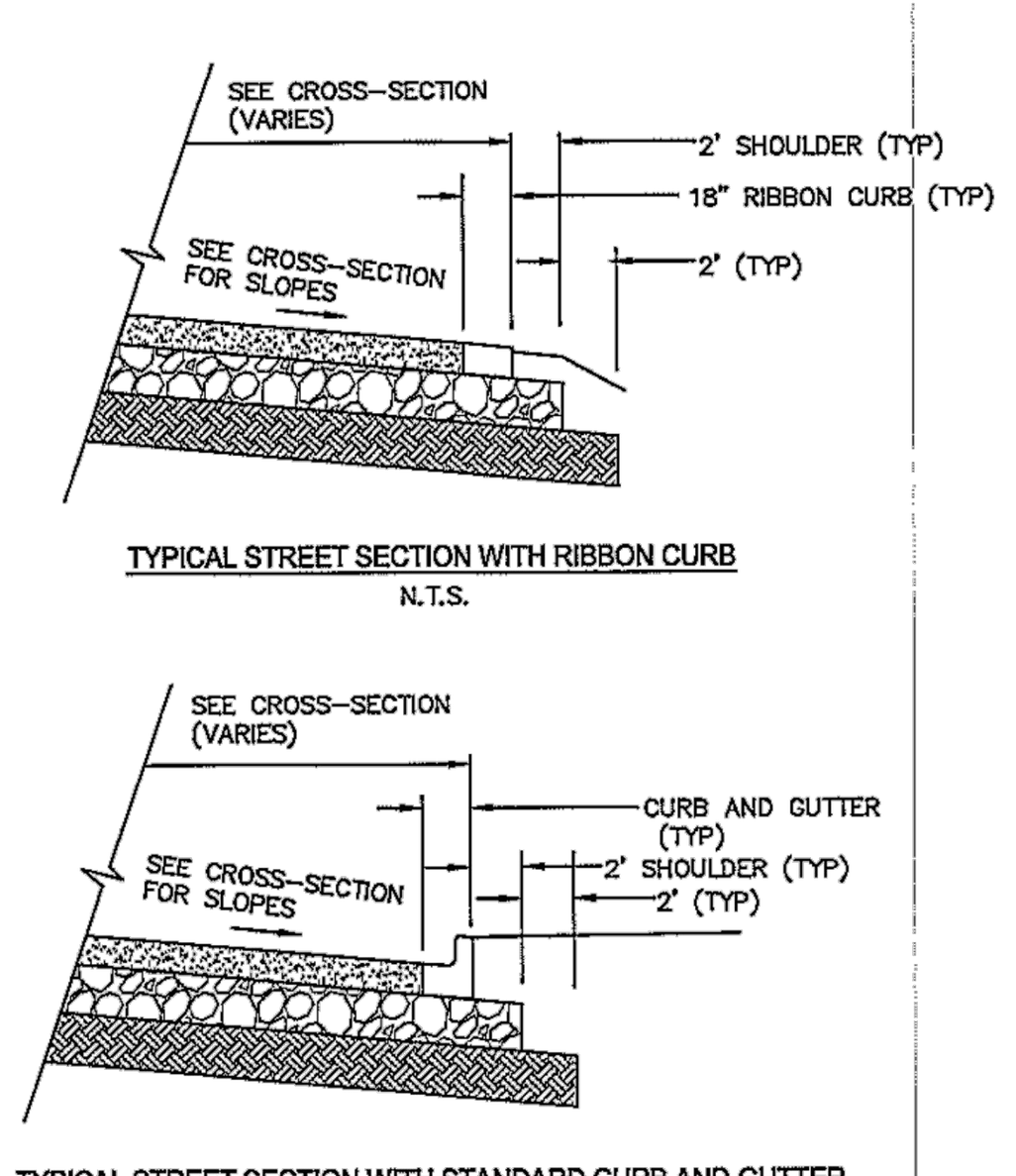
BLADE LAY HMA IS ALLOWED.

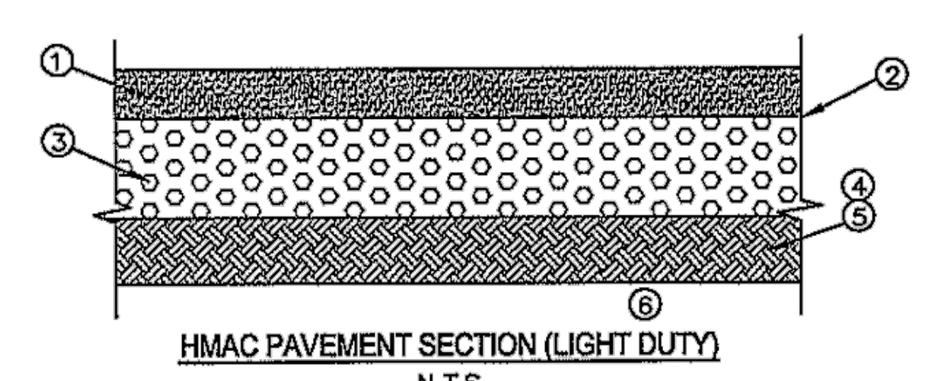
FURNISH BASE MEETING THE REQUIREMENTS FOR ANY TYPE OR GRADE IN ACCORDANCE WITH ITEM 247. BASE COMPRESSIVE STRENGTHS ARE WAIVED.

IF ROOTS ARE ENCOUNTERED VERIFY WITH THE ENGINEER PRIOR TO ACCOMMODATING OR REMOVING 2 IN. DIAMETER OR LARGER ROOTS. ROOT REMOVAL MUST BE IN ACCORDANCE WITH ITEM 752.4.2. ROOTS MAY REMAIN IN THE BASE. FOR IMPROVEMENTS WITHIN 6 IN. OF A ROOT, THE CONCRETE THICKNESS MAY BE REDUCED BY 1 IN. AND THE BASE INCREASED BY 1 IN. TO MINIMIZE IMPACTS TO THE ROOTS. ADJUST BASE AND SURFACE PROFILE TO PROVIDE A 1 IN. BASE CUSHION AROUND THE ROOTS. THE SURFACE PROFILE MAY BE ADJUSTED TO THE EXTENT ALLOWED BY ADA. THIS WORK IS SUBSIDIARY.

© 2018 | DRIVEWAYS | DW-19 (AUS) | CONT CCCC | SECT SS | JOB JJJ | HIGHWAY HW 1234 | DIST AUS | COUNTY COUNTY | SHEET NO. $DW-19 A

PV 004 — PAVEMENT SECTIONS



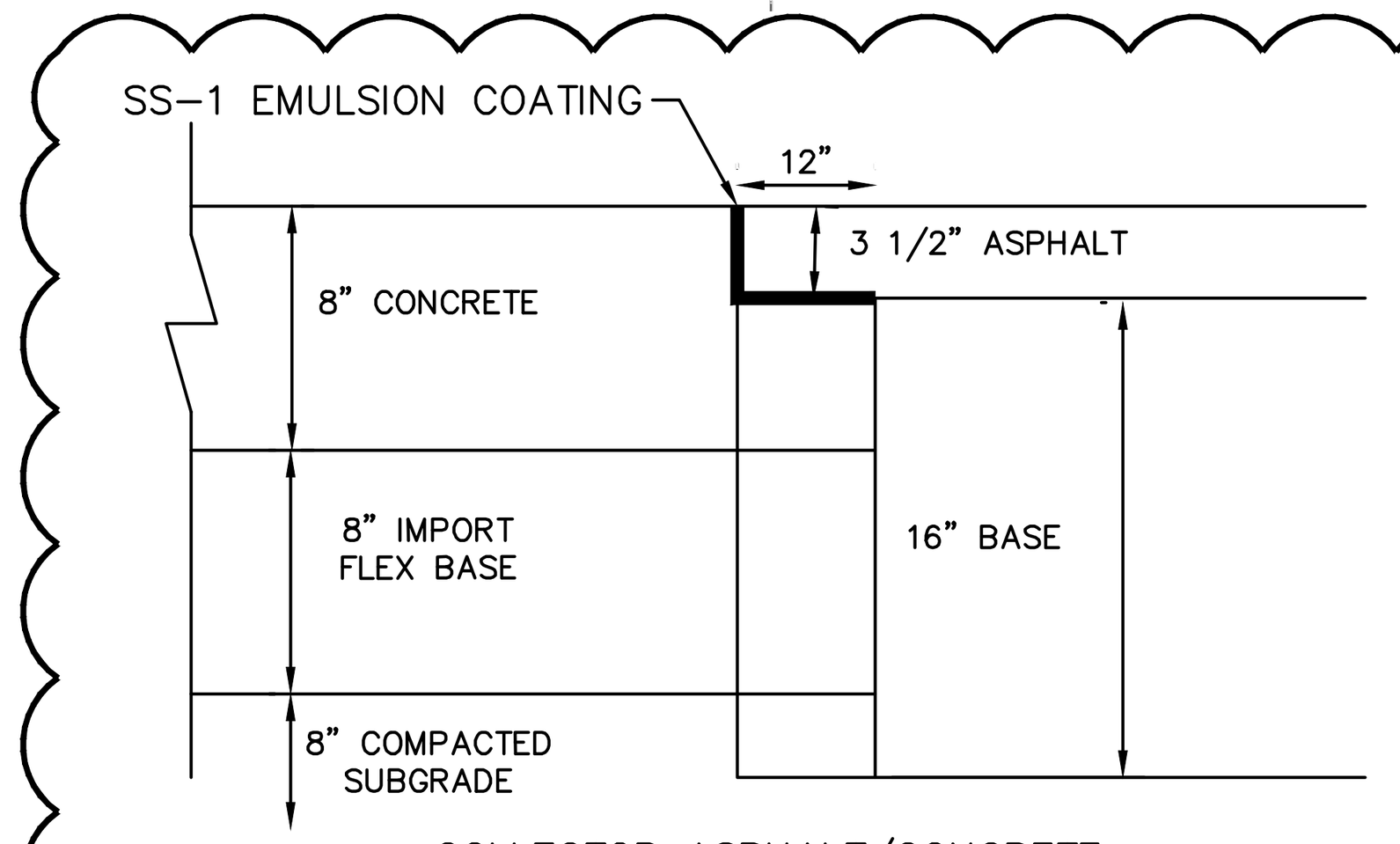


GENERAL NOTES:

1. HOT MIX ASPHALTIC CONCRETE CONFORMING TO TxDOT ITEM 340, TYPE "C"
2. MC-30 PRIME COAT MEETING THE REQUIREMENTS OF TxDOT ITEM 310 SHALL BE APPLIED AT A RATE 0.25 GALLON/SQUARE YARD. (RATE SHALL BE ADJUSTED IN THE FIELD TO PROVIDE UNIFORM COVERAGE WITHOUT RUNOFF. RATE TO BE APPROVED BY THE ENGINEER.)
3. CRUSHED AGGREGATE BASE CONFORMING TO TxDOT ITEM 247, TYPE A, GRADE 1. THE CRUSHED STONE BASE SHALL BE PLACED IN MAXIMUM 6 INCH LOOSE LIFTS AND COMPACTED TO A DENSITY EQUAL TO AT LEAST 100% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY TEST METHOD TEX-113-E, AT ±2% OF OPTIMUM MOISTURE. THE BASE MATERIAL SHOULD EXTEND 24 INCHES BEHIND THE CURB.
4. THE EXPOSED SUBGRADE SHOULD BE PREPARED BY REMOVING ALL TREE ROOTS AND UNDESIRABLE MATERIAL SUCH AS SOFT CLAYS. THE UPPER 6 INCHES SHOULD BE COMPACTED TO A DENSITY EQUAL TO AT LEAST 98% OF THE MAXIMUM DRY DENSITY AS DETERMANDED IN ACCORDANCE BY STANDARD PROCTOR (ASTM D-698). SOIL MOISTURE SHOULD BE WITHIN +3% OR -1% OF OPTIMUM.
5. FILL SECTIONS SHALL BE FREE OF VEGETATION OR ORGANICS. MATERIAL SHALL CONSIST OF COHESIVE SOILS AND HAVE A MAXIMUM LIQUID LIMIT OF 40, PI BETWEEN 6 AND 20, AND A MAXIMUM PARTICAL SIZE OF 3 INCHES. FILLS SHOULD BE COMPACTED IN LIFTS NOT TO EXCEED 6 INCHES AFTER COMPACTION AND BE COMPACTED IN ACCORDANCE WITH ITEM 3, ABOVE. FILL SHALL BE TxDOT ITEM 247, TYPE "A" - GRADE 2.
6. EXISTING UNDISTURBED SOIL.

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	PAVEMENT SECTIONS	PV 004

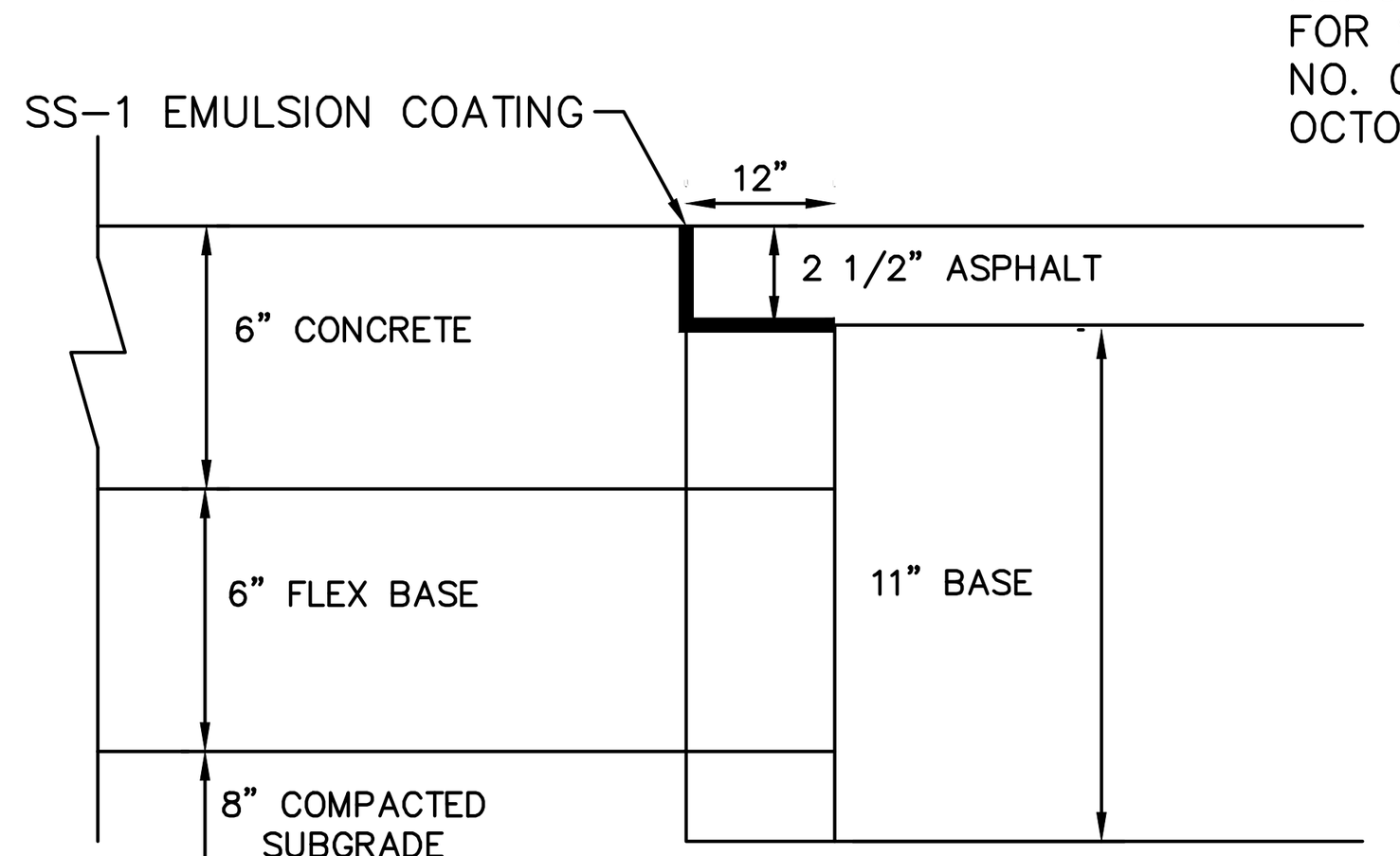
Asphalt/Concrete Tie In Details



COLLECTOR ASPHALT/CONCRETE TIE IN DETAIL

N.T.S.

NOTE:
1. CONTRACTOR TO REFERENCE GEOTECH REPORT, DONE BY PSI, FOR SECTIONS. PROJECT NO. 03031101, DATED OCTOBER 22, 2020

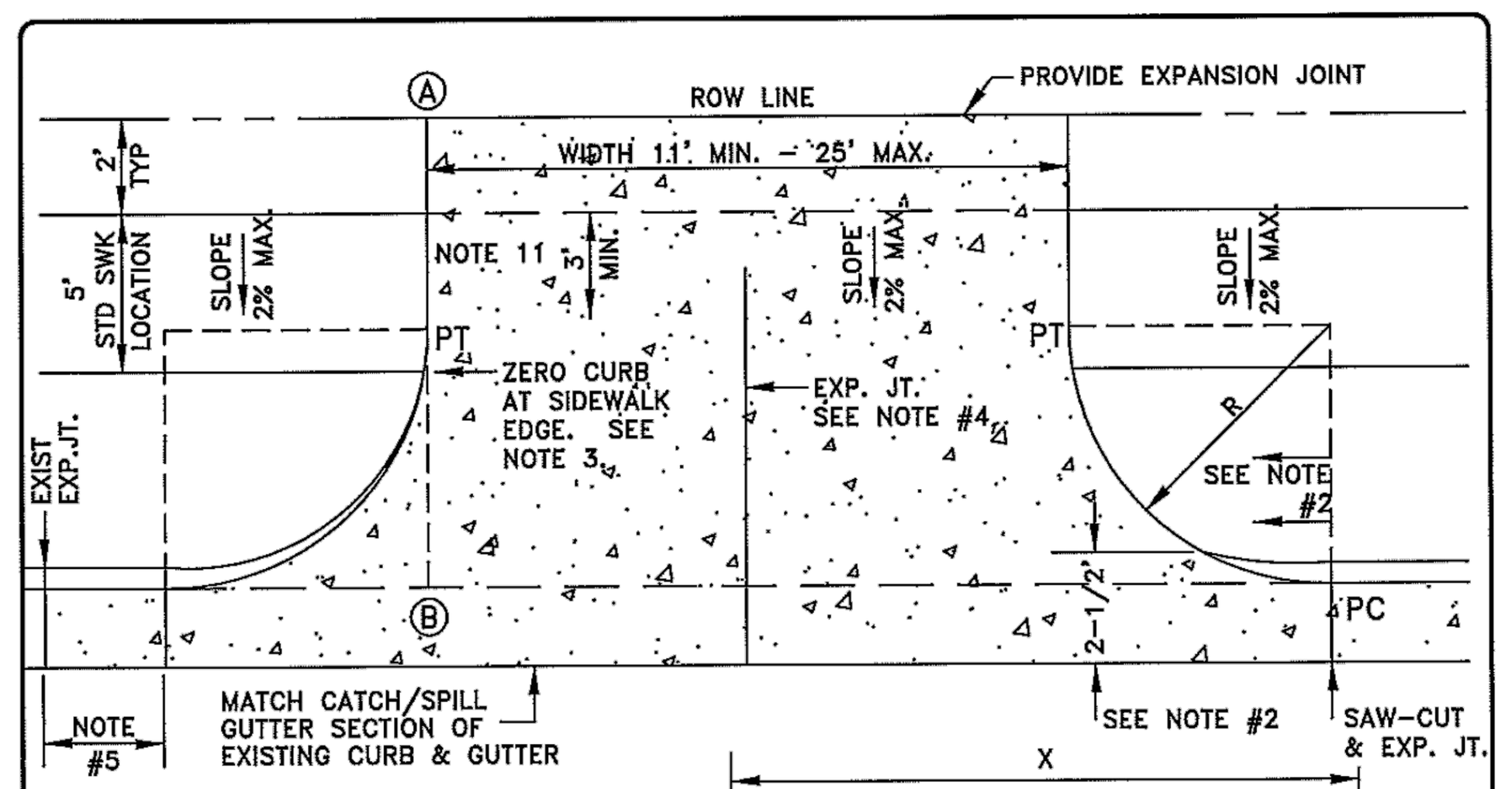


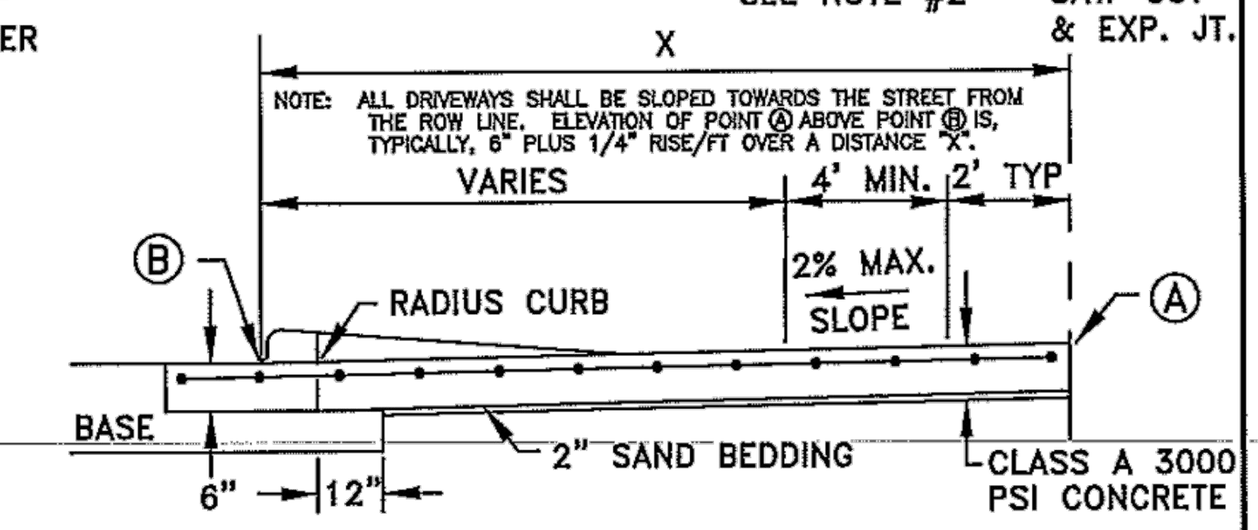
LOCAL ASPHALT/CONCRETE TIE IN DETAIL

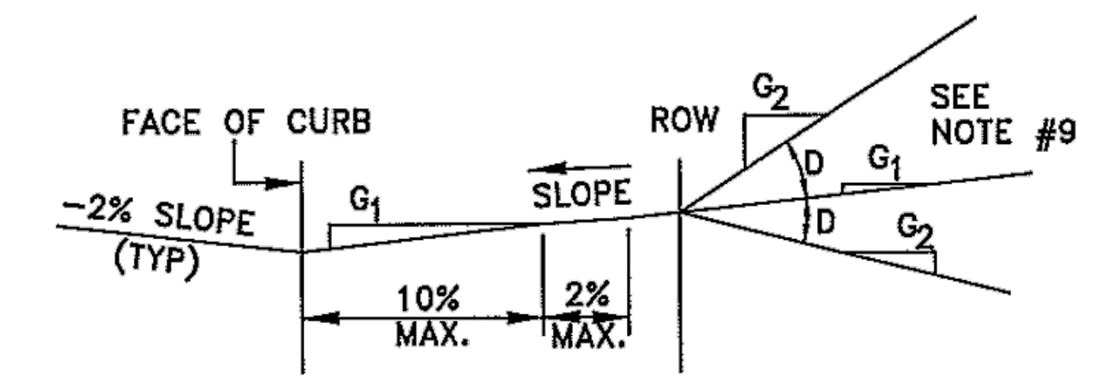
N.T.S.

NOTE:
1. CONTRACTOR TO REFERENCE GEOTECH REPORT, DONE BY PSI, FOR SECTIONS. PROJECT NO. 03031101, DATED OCTOBER 22, 2020

PV 005 — DRIVEWAY DETAIL





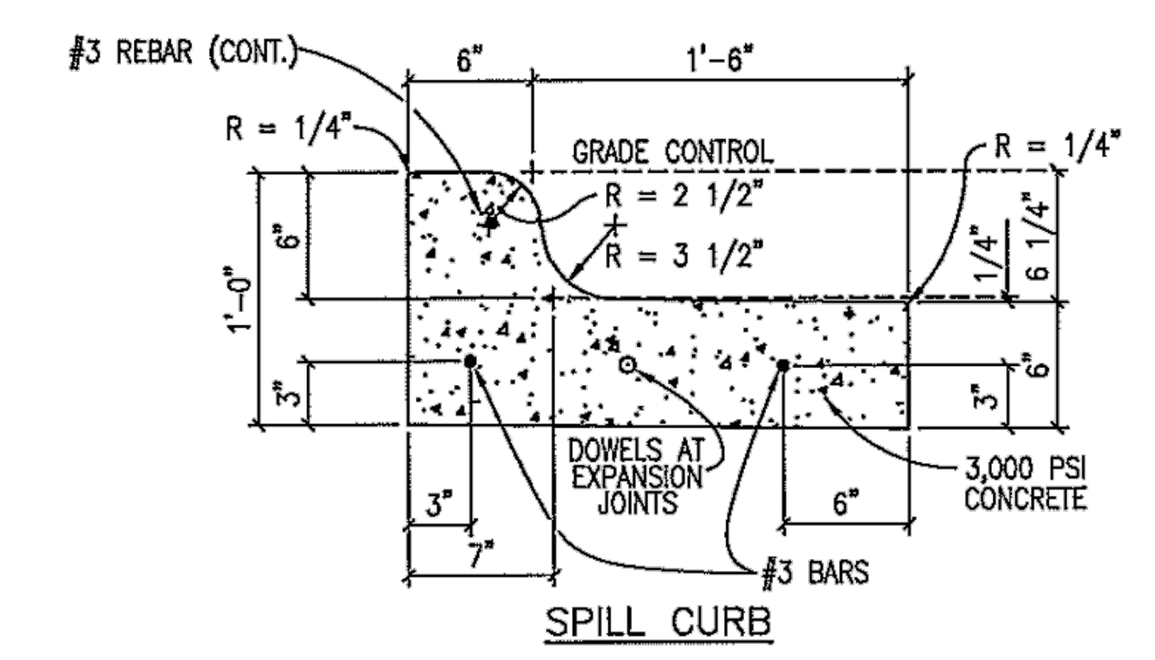


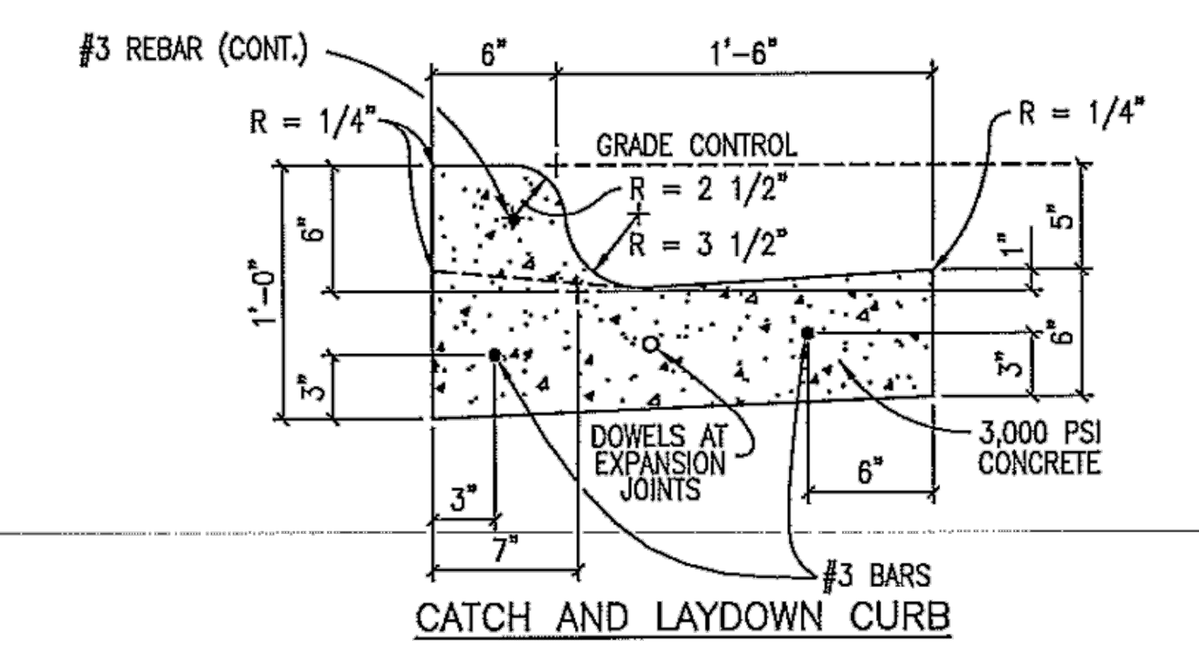
NOTES:

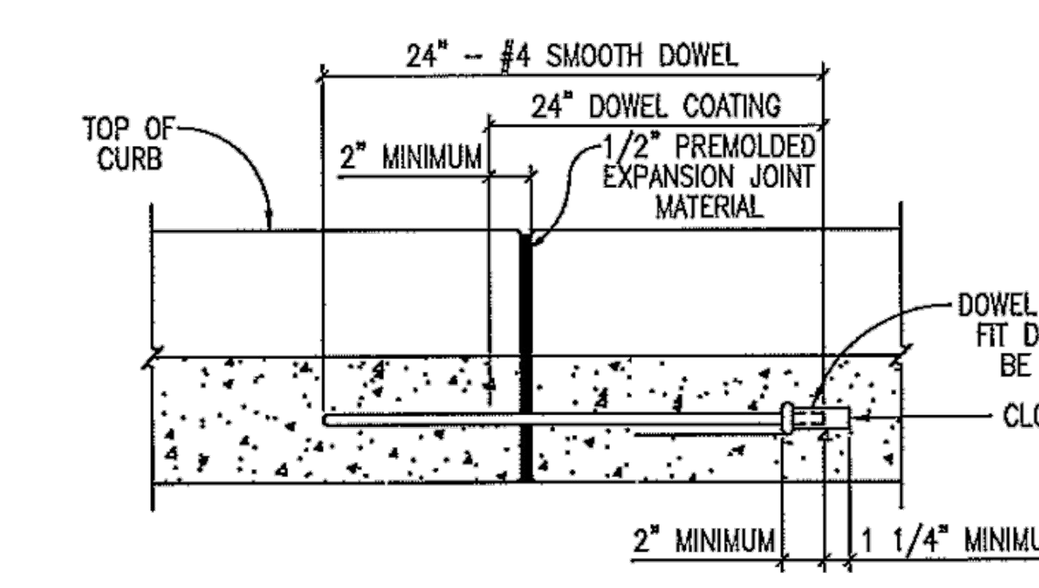
1. ALL DRIVEWAYS SHALL HAVE RADIUS ENDS. MINIMUM 5' RADIUS.
2. THE DRIVEWAY EDGE SHALL BE SMOOTHLY TRANSITIONED INTO THE SIDEWALK BEGINNING AT THE RADIUS PC LINE.
3. "ZERO" CURB AT PT OR SIDEWALK EDGE, WHICHEVER IS ENCOUNTERED FIRST.
4. PLACE AN EXPANSION JOINT DOWN THE CENTER OF DRIVEWAY IF WIDTH IS GREATER THAN 15'.
5. IF DIMENSION IS LESS THAN FIVE FEET, REMOVE CURB & GUTTER TO EXISTING EXPANSION JOINT AND POUR MONOLITHICALLY WITH DRIVEWAY.
6. IF THE BASE IS OVER-EXCAVATED WHERE THE CURB & GUTTER WAS REMOVED, BACKFILL WITH CONCRETE MONOLITHICALLY WITH THE DRIVEWAY.
7. TYPE II DRIVEWAYS ARE TO BE LOCATED NO CLOSER TO THE CORNER OF INTERSECTING RIGHTS OF WAY THAN 60 PERCENT OF PARCEL FRONTAGE OR 100 FEET; WHICHEVER IS LESS.
8. DRIVEWAYS SHALL NOT BE CONSTRUCTED WITHIN THE CURB RETURN OF A STREET INTERSECTION.
9. WHILE THE PROPERTY OWNER REMAINS RESPONSIBLE FOR GRADE BREAKS WITHIN PRIVATE PROPERTY, THE FIRE DEPARTMENT SHOULD BE CONSULTED WHERE THE DRIVEWAY IS ESSENTIAL TO EMERGENCY VEHICLE ACCESS AND "G2" IS GREATER THAN 15%. "G1" PLUS "D" SHOULD NOT EXCEED 15%.
10. DRIVEWAYS SHALL BE 6 INCHES THICK WITH #4 REBAR @ 18" O.C.E.W.

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	DRIVEWAY DETAIL	PV 005

PV 007 — STANDARD CURB AND GUTTER DETAIL





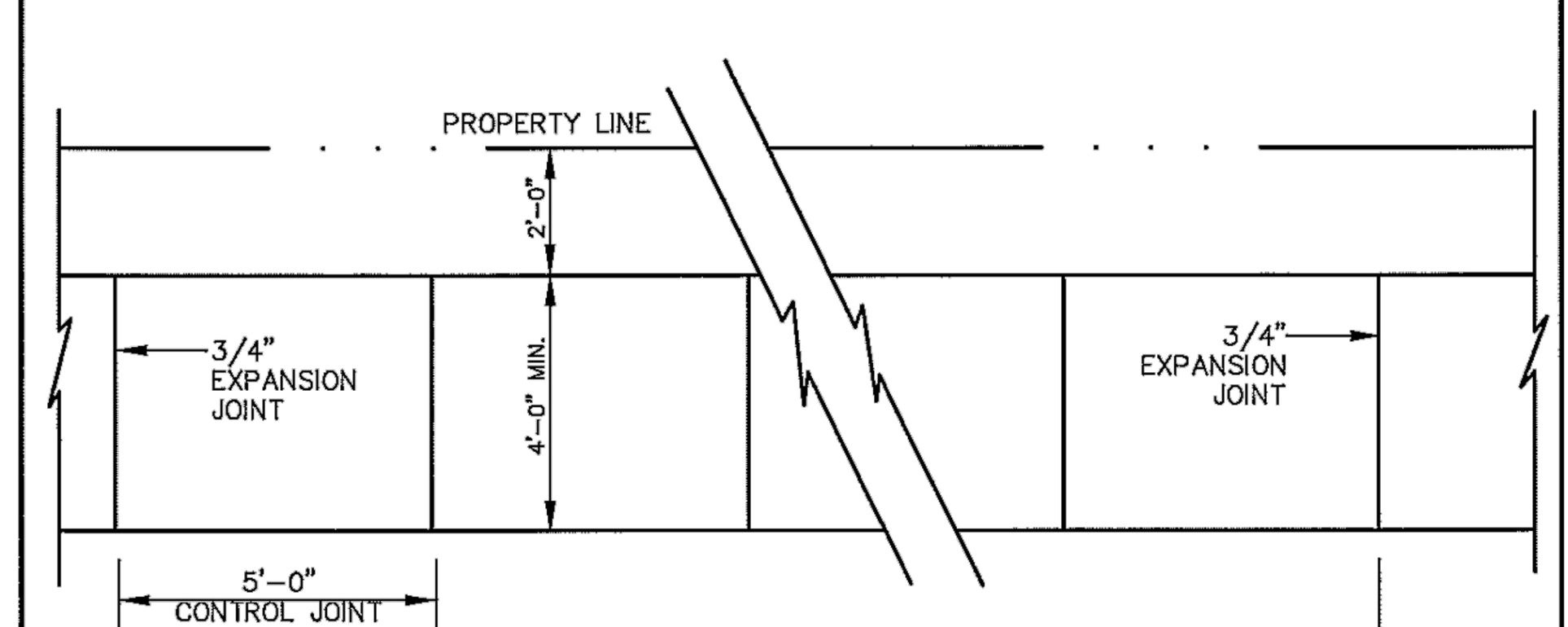


CURB DOWEL DETAIL

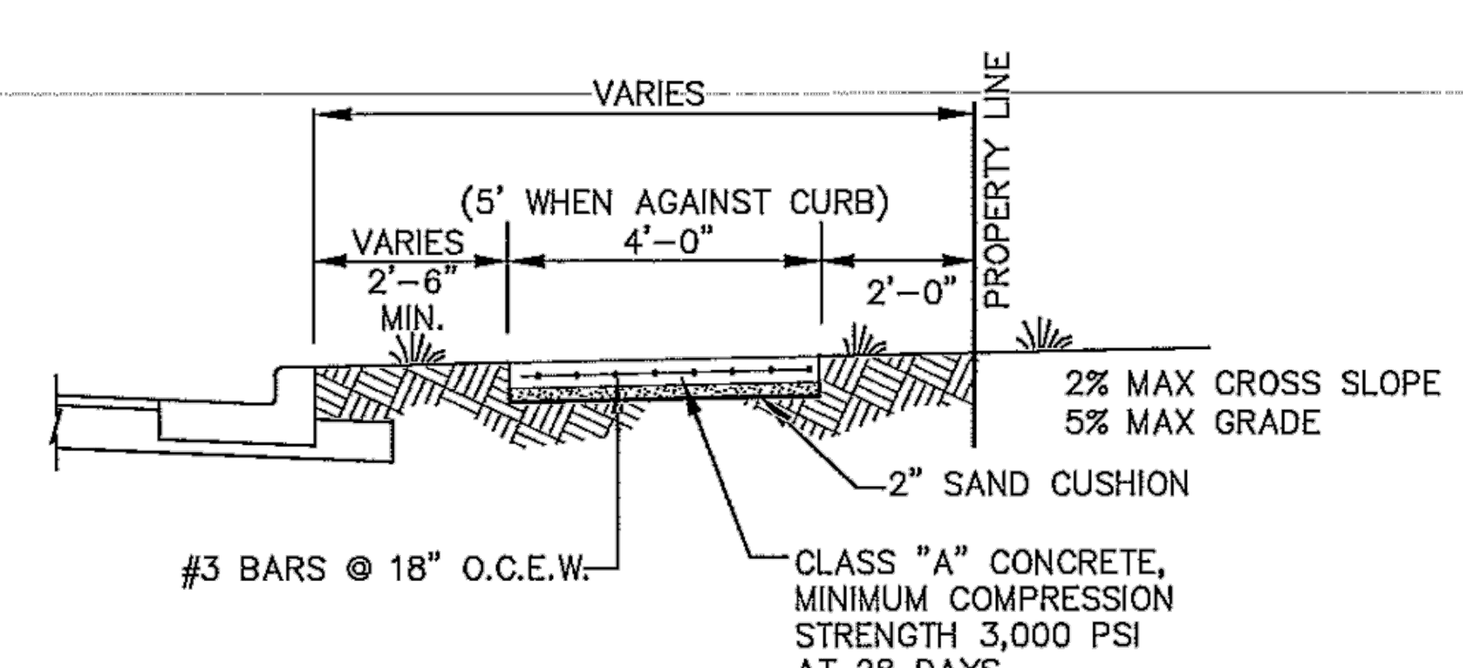
NOTES:
1. EXPANSION JOINT INTERVALS NOT TO EXCEED 40'-0".
2. 4" MINIMUM FLEX BASE UNDER CURB AND GUTTER.

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STANDARD CURB AND GUTTER DETAIL	PV 007

PV 006 — SIDEWALK DETAILS



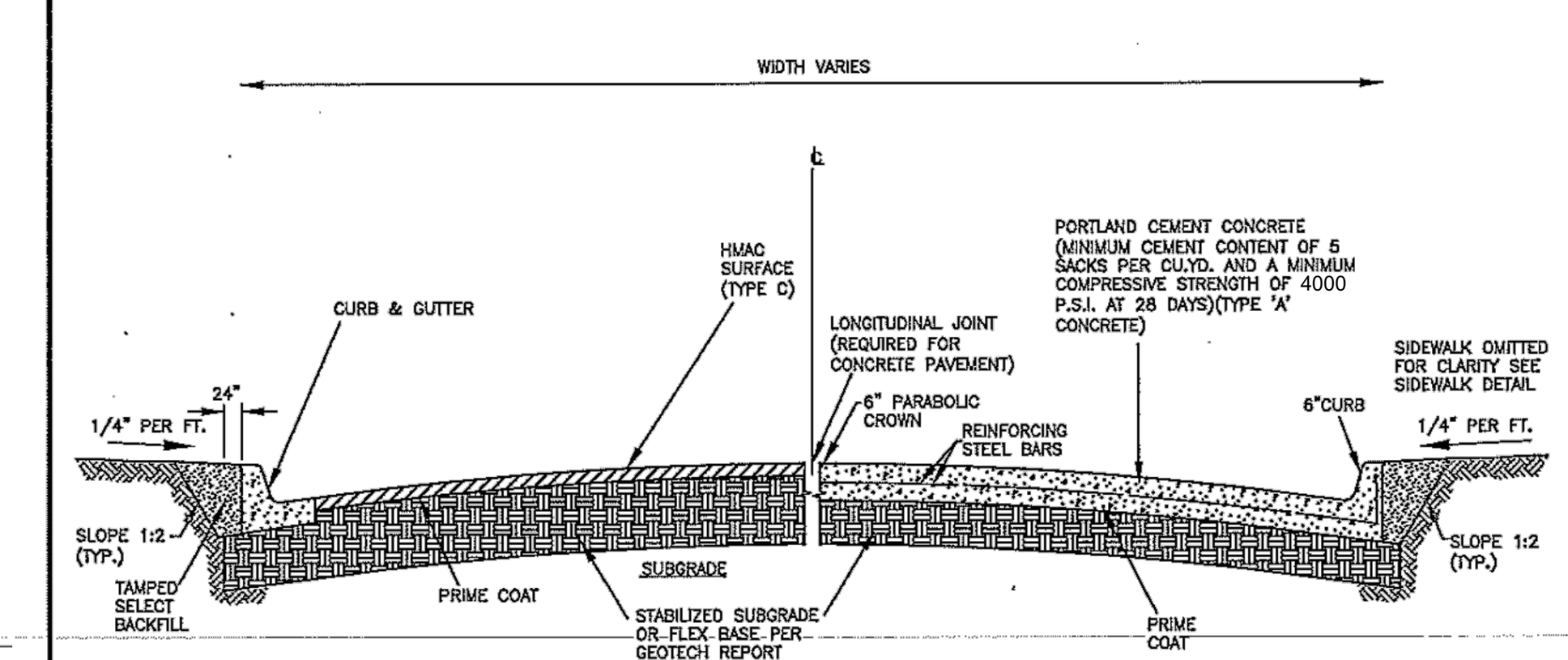
PLAN



SECTION

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	SIDEWALK DETAILS	PV 006

PV 002 — TYPICAL STREET SECTION DETAIL W / STANDARD CURB & GUTTER



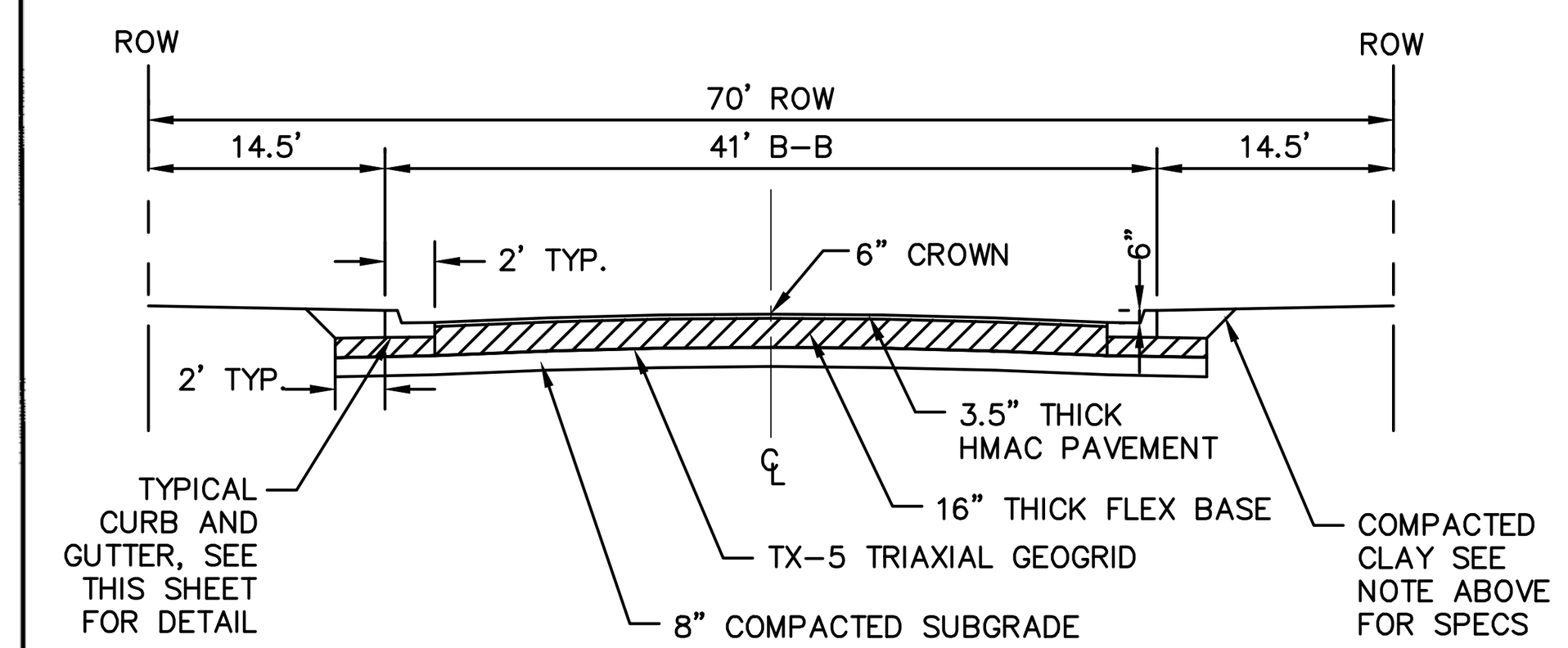
ASPHALT PAVING | CONCRETE PAVING

NOTE:
1. REFER TO GEOTECH REPORT FOR CONCRETE REQUIREMENTS

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	TYPICAL STREET SECTION DETAIL W / STANDARD CURB & GUTTER	PV 002

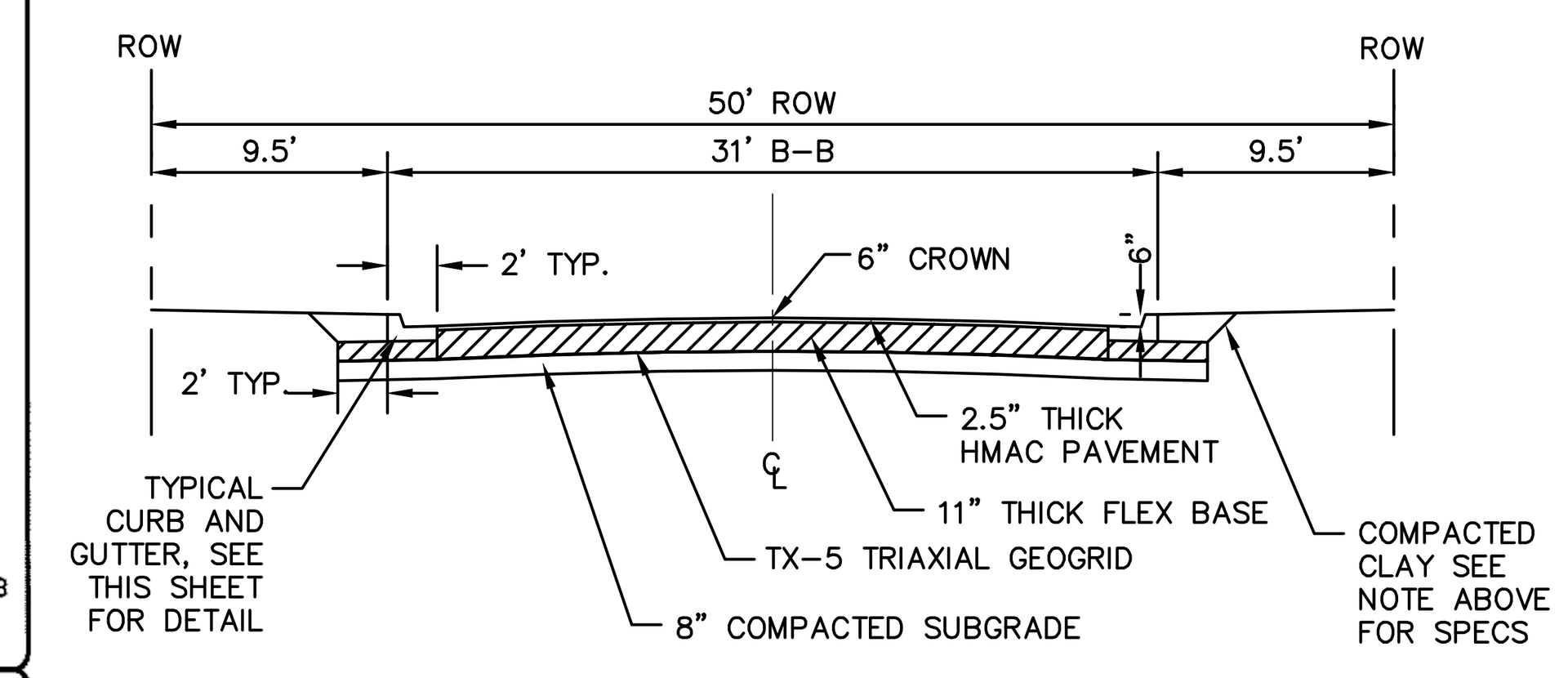
COMPACTED CLAY NOTE (FROM SUPPLEMENTAL LETTER DATED JANUARY 2021)

IT IS RECOMMENDED A CLAY TYPE MATERIAL HAVING A LIQUID LIMIT GREATER THAN 45%, A PI GREATER THAN 30 AND HAVING AT LEAST 50% MATERIAL PASSING THE #200 SIEVE. THIS MATERIAL SHOULD BE COMPACTED IN MAXIMUM 8" LIFTS TO 94 TO 98% OF THE MAXIMUM STANDARD PROCTOR (ASTM D-698) DRY DENSITY AT 0 TO +4 OF OPTIMUM MOISTURE CONTENT. ON SITE MATERIAL FREE OF ORGANICS AND DELETERIOUS MATERIALS WOULD TYPICALLY MEET THESE REQUIREMENTS



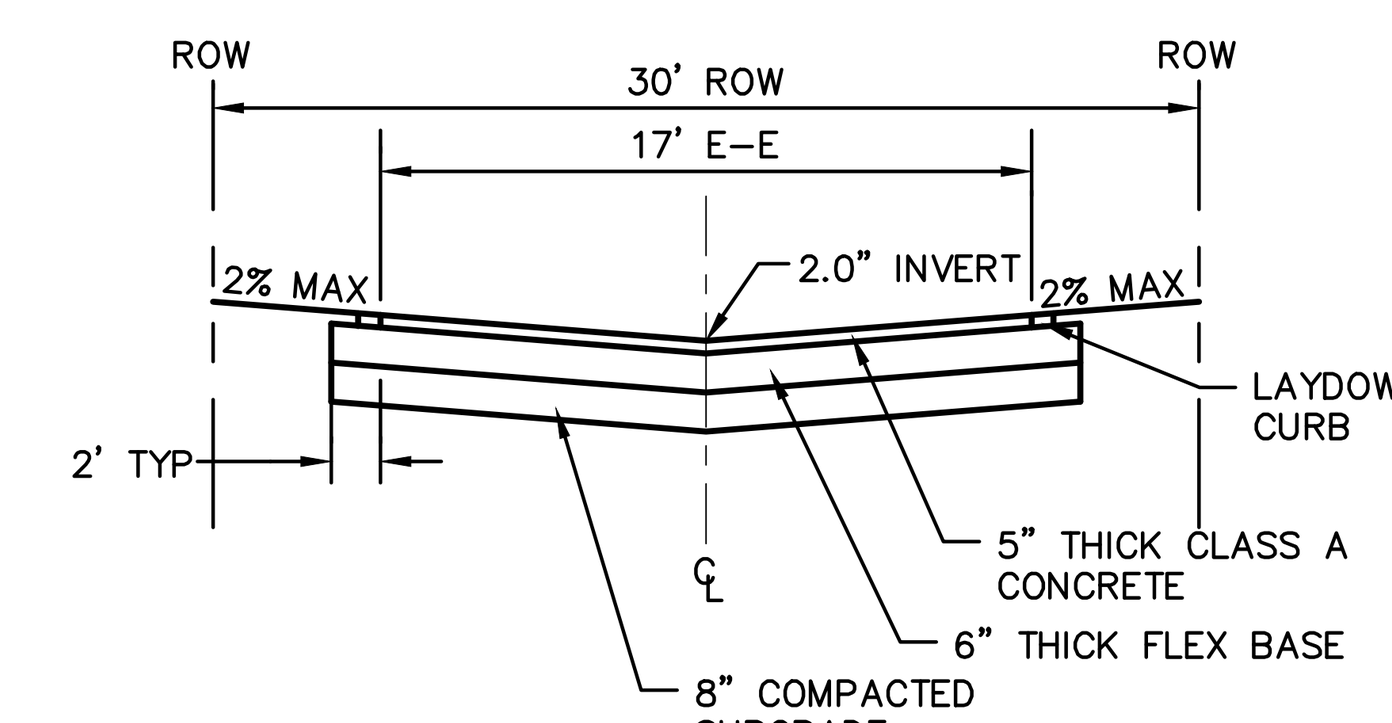
PARABOLIC COLLECTOR STREET SECTION

NTS



PARABOLIC LOCAL STREET SECTION

NTS



RESIDENTIAL ALLEY SECTION

NTS

BENCHMARKS

IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY
11	ASPHALT/CONCRETE DETAIL	8/10/21	

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS — LUKE W CARAWAY — 125677 — LICENSED PROFESSIONAL ENGINEER — 08/10/2021

KHA PROJECT 069278800 | DATE JANUARY 2020 | SCALE: AS SHOWN | DESIGNED BY: WB,DM | DRAWN BY: DM,WB | CHECKED BY: LC

PAVING DETAILS (1 OF 2)

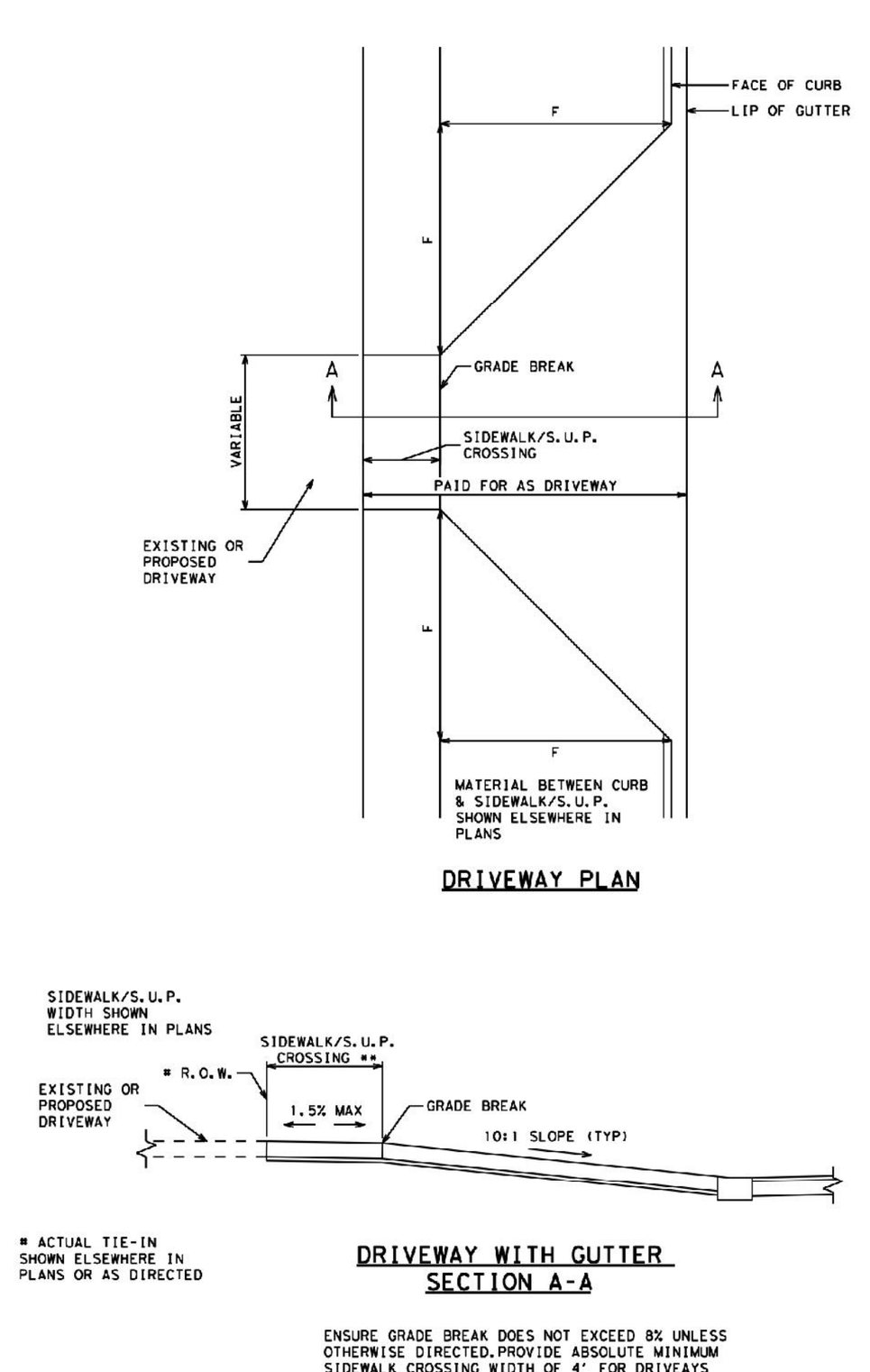
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

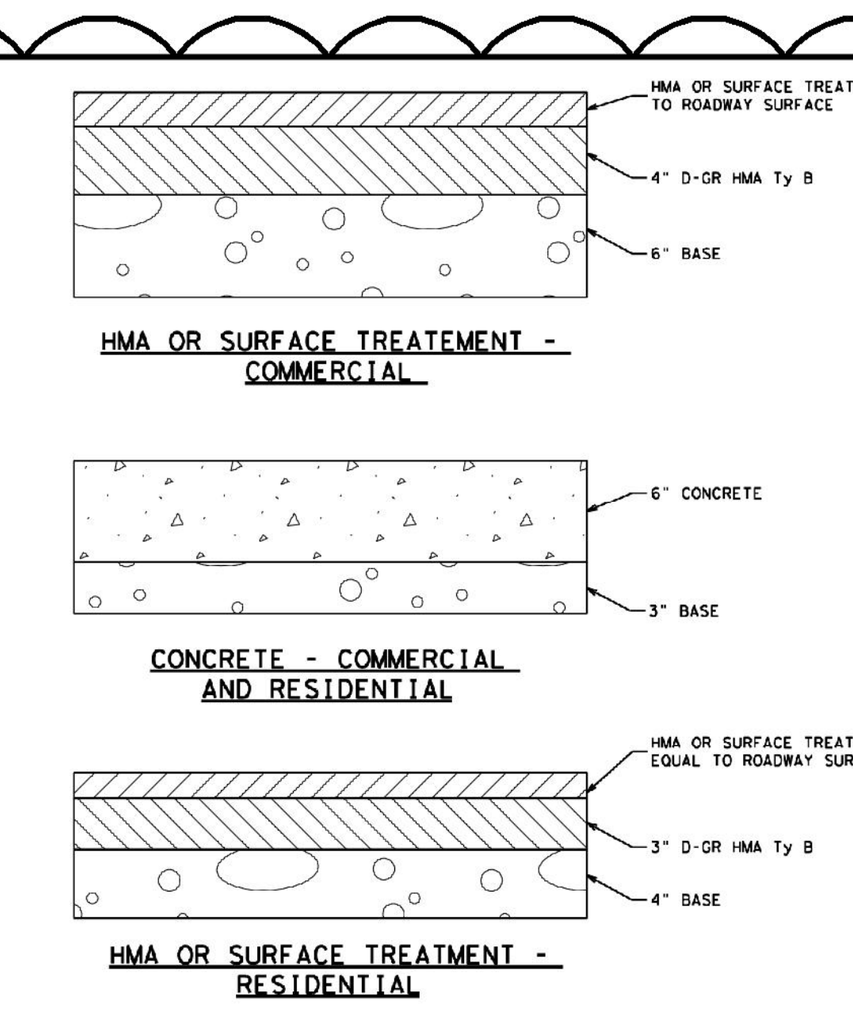
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER

Plotted By: Buzzelli, William Date: August 10, 2021 11:32:32am File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

⚠ 11





SPEED	TYPE	SHLD WIDTH	"F"
≥45	RESIDENTIAL	ALL	15
<45	RESIDENTIAL	ALL	10
≥45	COMMERCIAL	>8 <8	15 20
<45	COMMERCIAL	>8 <8	10 15

GENERAL NOTES

PROVIDE EXPANSION 20 FT C-C FOR WIDTH OR LENGTH OVER 25 FT. EXPANSION JOINT PER AUS STANDARD FOR SIDEWALK.

REINFORCEMENT WILL BE IN ACCORDANCE WITH ITEM 432.3.1 USING NO. 3 OR NO. 4 BARS.

FIBER REINFORCEMENT IS NOT ALLOWED. CLASS A CONCRETE IS ALLOWED TO USE COARSE AGGREGATE GRADES 1-8.

IN LIEU OF PFC OR TOM, SURFACE SHALL BE 1.5" D-GR HMA Ty D. IF SURFACE IS A MULTIPLE COURSE SURFACE TREATEMENT, ALL COURSES MUST BE PLACED ON DRIVEWAY.

BLADE LAY HMA IS ALLOWED.

FURNISH BASE MEETING THE REQUIREMENTS FOR ANY TYPE OR GRADE IN ACCORDANCE WITH ITEM 247. BASE COMPRESSIVE STRENGTHS ARE WAIVED.

IF ROOTS ARE ENCOUNTERED VERIFY WITH THE ENGINEER PRIOR TO ACCOMMODATING OR REMOVING 2 IN. DIAMETER OR LARGER ROOTS. ROOT REMOVAL MUST BE IN ACCORDANCE WITH ITEM 752.4.2. ROOTS MAY REMAIN IN THE BASE. FOR IMPROVEMENTS WITHIN 6 IN. OF A ROOT, THE CONCRETE THICKNESS MAY BE REDUCED BY 1 IN. AND THE BASE INCREASED BY 1 IN. TO MINIMIZE IMPACTS TO THE ROOTS. ADJUST BASE AND SURFACE PROFILE TO PROVIDE A 1 IN. BASE CUSHION AROUND THE ROOTS. THE SURFACE PROFILE MAY BE ADJUSTED TO THE EXTENT ALLOWED BY ADA. THIS WORK IS SUBSIDIARY.

Texas Department of Transportation | Austin District Standard

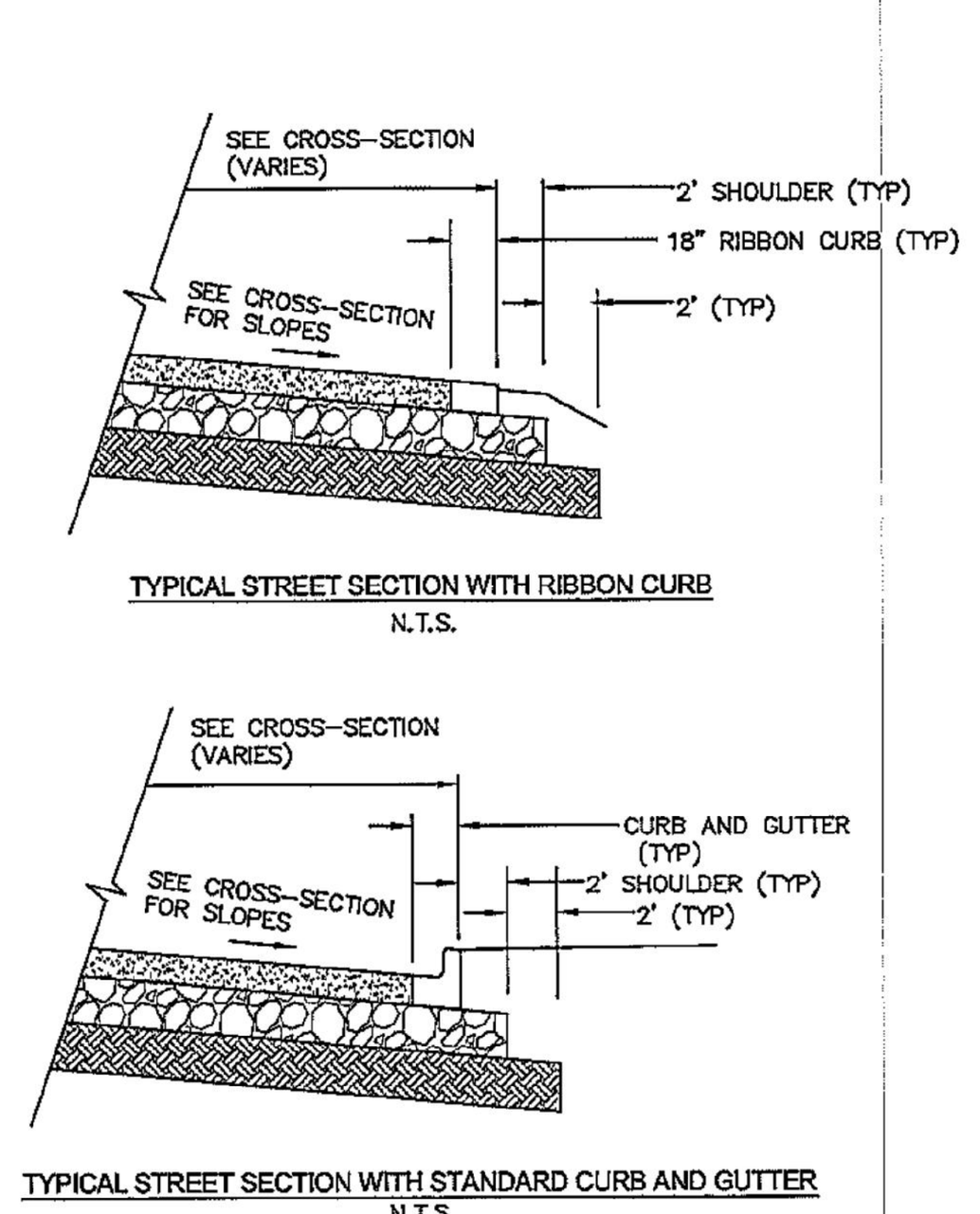
DRIVEWAYS

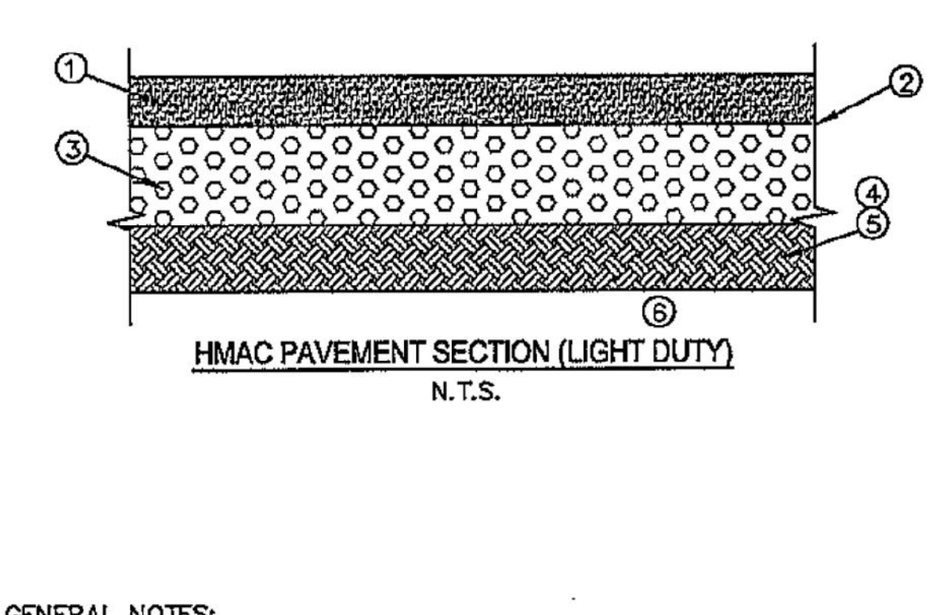
DW-19 (AUS)

© 2018 | CONT CCCC | SECT SS | JOB JJJ | HIGHWAY HW 1234 | DIST | COUNTY | SHEET NO. | AUS | COUNTY | DW-19A

CITY OF TAYLOR · FOUNDED 1876

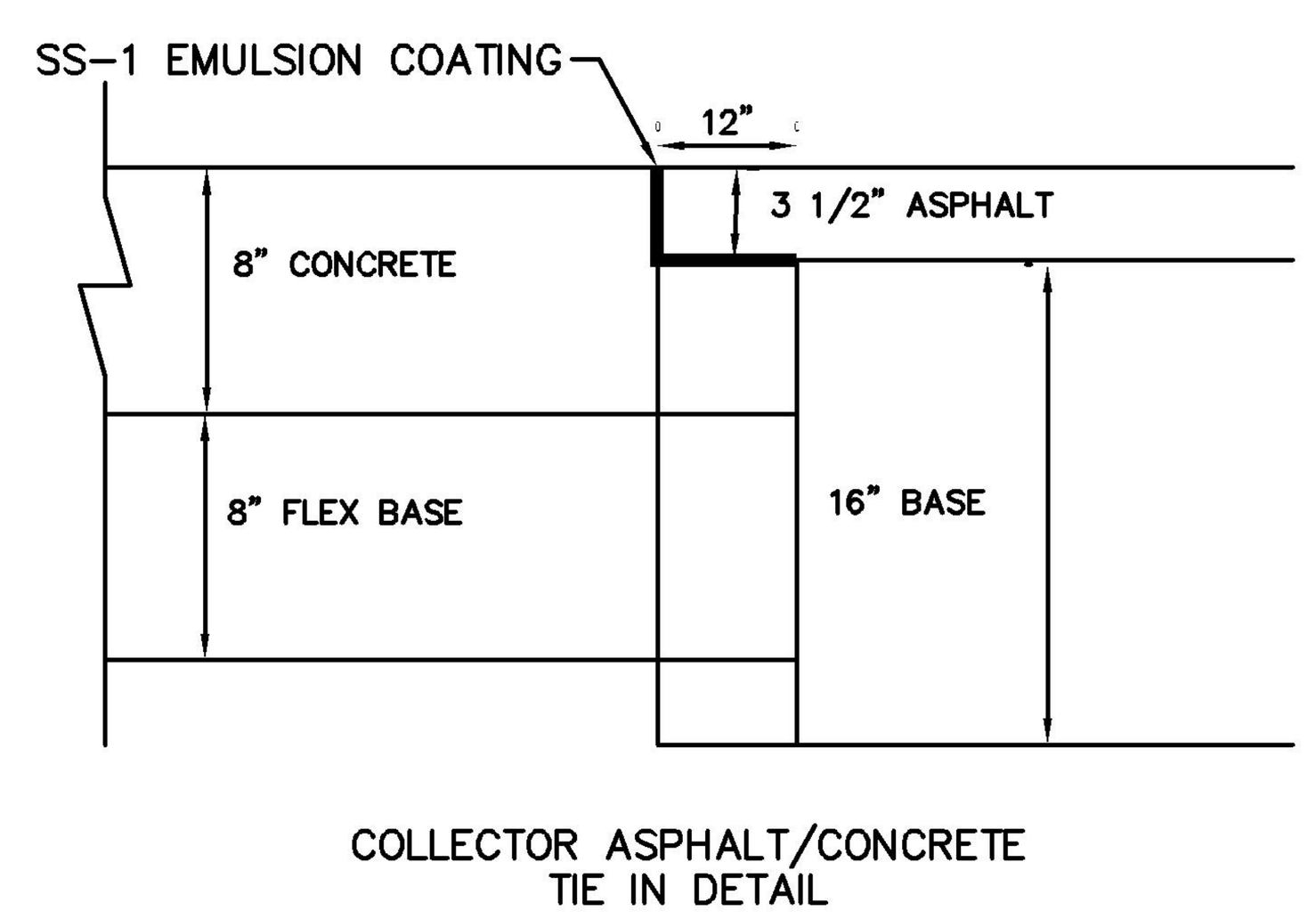
APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | PAVEMENT SECTIONS | STANDARD PV 004





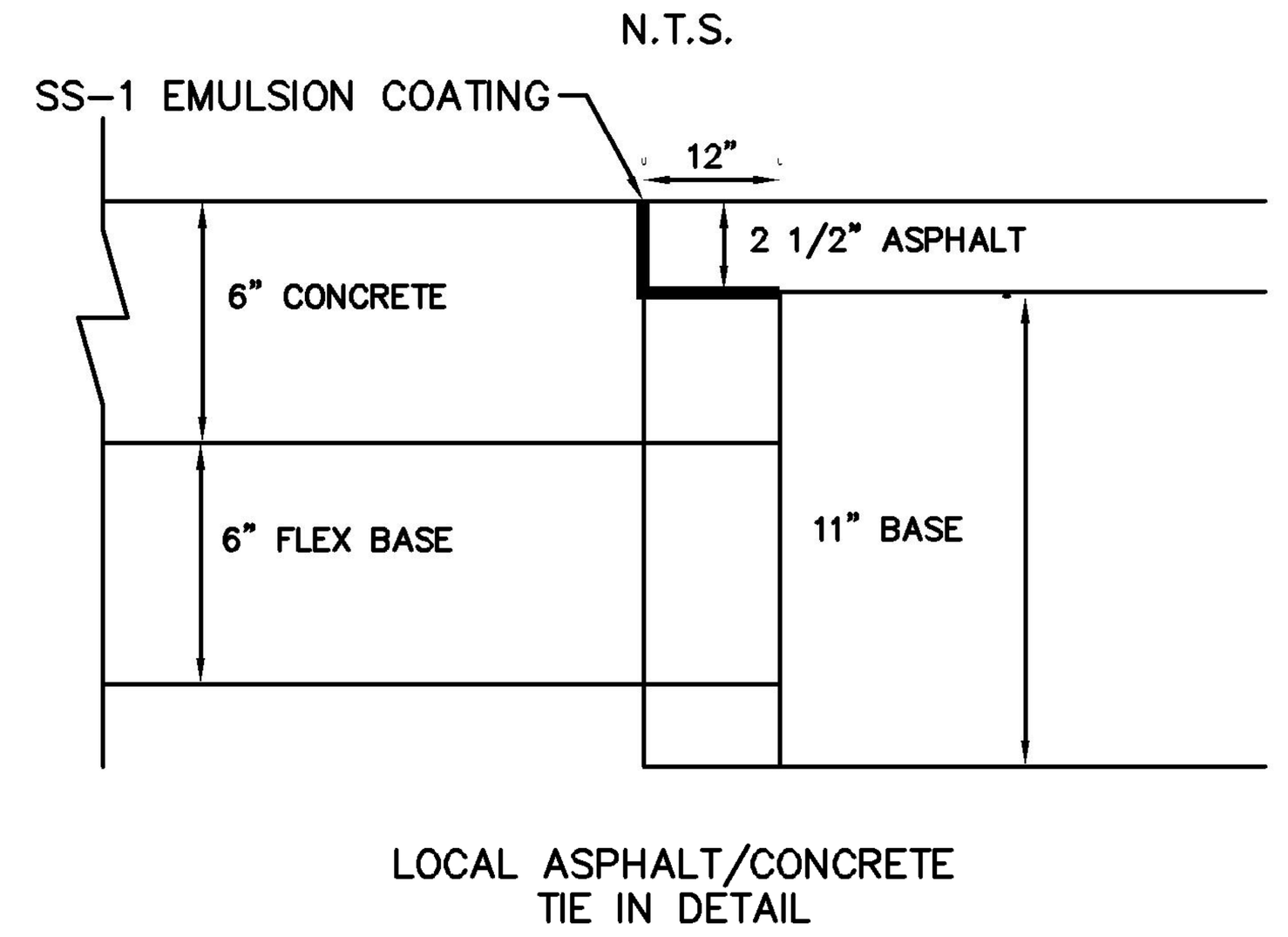
GENERAL NOTES:

1. HOT MIX ASPHALTIC CONCRETE CONFORMING TO TxDOT ITEM 340, TYPE "C"
2. MC-30 PRIME COAT MEETING THE REQUIREMENTS OF TxDOT ITEM 310 SHALL BE APPLIED AT A RATE 0.25 GALLON/SQUARE YARD. (RATE SHALL BE ADJUSTED IN THE FIELD TO PROVIDE UNIFORM COVERAGE WITHOUT RUNOFF. RATE TO BE APPROVED BY THE ENGINEER.)
3. CRUSHED AGGREGATE BASE CONFORMING TO TxDOT ITEM 247, TYPE A, GRADE 1. THE CRUSHED STONE BASE SHALL BE PLACED IN MAXIMUM 6 INCH LOOSE LIFTS AND COMPACTED TO A DENSITY EQUAL TO AT LEAST 100% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY TEST METHOD TEX-113-E, AT ±2% OF OPTIMUM MOISTURE. THE BASE MATERIAL SHOULD EXTEND 24 INCHES BEHIND THE CURB.
4. THE EXPOSED SUBGRADE SHOULD BE PREPARED BY REMOVING ALL TREE ROOTS AND UNDESIRABLE MATERIAL SUCH AS SOFT CLAYS. THE UPPER 6 INCHES SHOULD BE COMPACTED TO A DENSITY EQUAL TO AT LEAST 98% OF THE MAXIMUM DRY DENSITY AS DETERMANDED IN ACCORDANCE BY STANDARD PROCTOR (ASTM D-698). SOIL MOISTURE SHOULD BE WITHIN +3% OR -1% OF OPTIMUM.
5. FILL SECTIONS SHALL BE FREE OF VEGETATION OR ORGANICS. MATERIAL SHALL CONSIST OF COHESIVE SOILS AND HAVE A MAXIMUM LIQUID LIMIT OF 40, PI BETWEEN 6 AND 20, AND A MAXIMUM PARTICAL SIZE OF 3 INCHES. FILLS SHOULD BE COMPACTED IN LIFTS NOT TO EXCEED 6 INCHES AFTER COMPACTION AND BE COMPACTED IN ACCORDANCE WITH ITEM 3, ABOVE. FILL SHALL BE TxDOT ITEM 247, TYPE "A" - GRADE 2.
6. EXISTING UNDISTURBED SOIL.



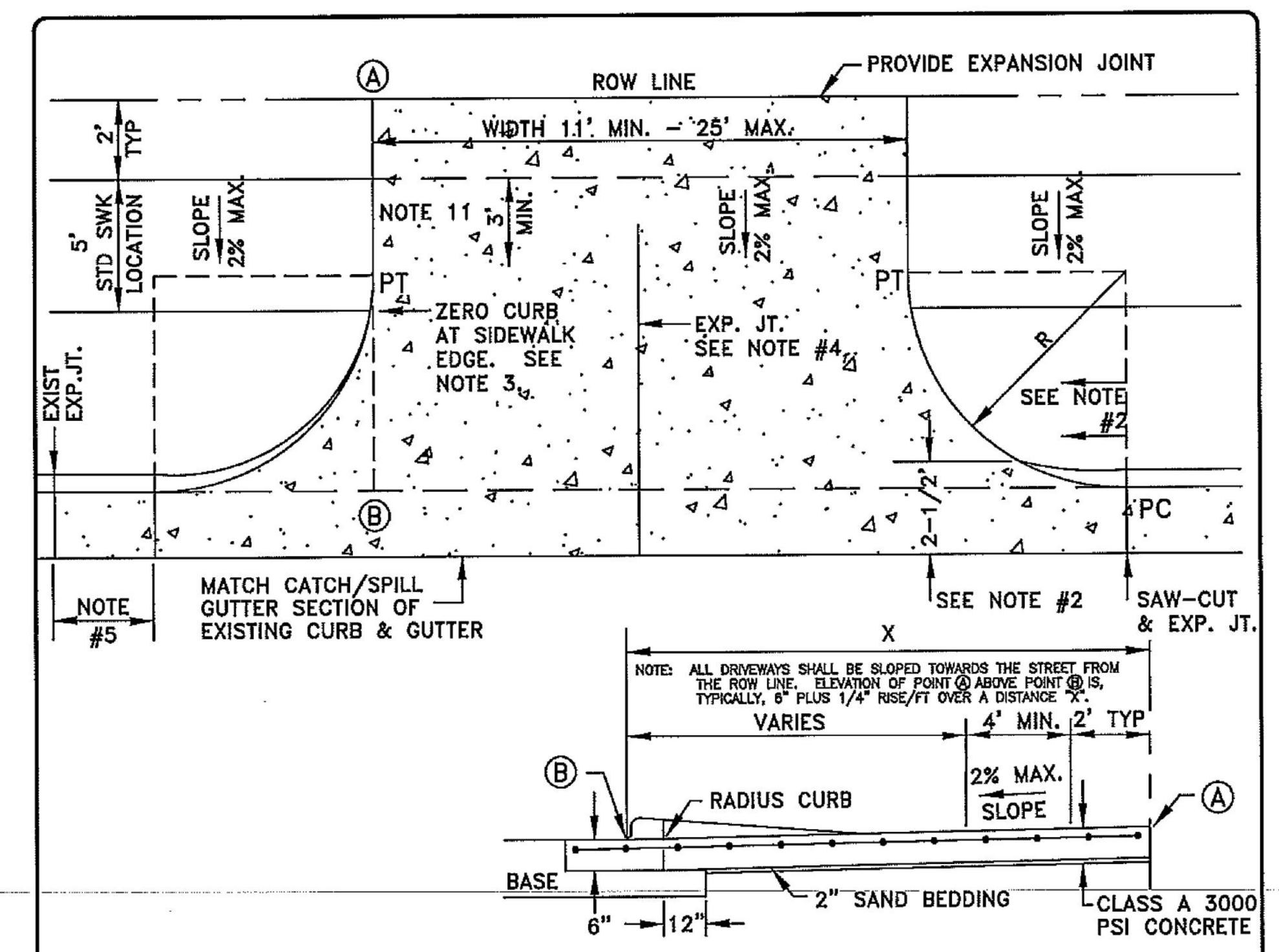
COLLECTOR ASPHALT/CONCRETE TIE IN DETAIL

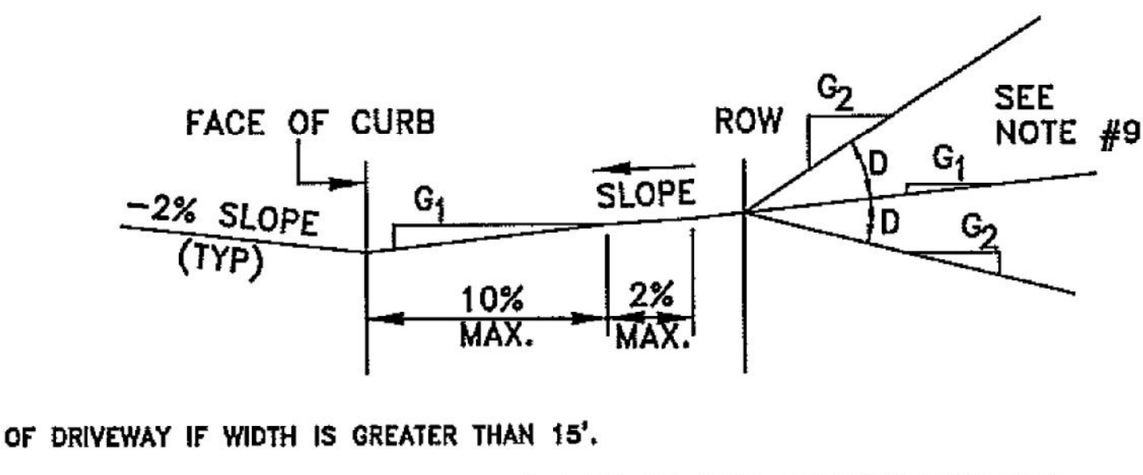
N.T.S.



LOCAL ASPHALT/CONCRETE TIE IN DETAIL

N.T.S.

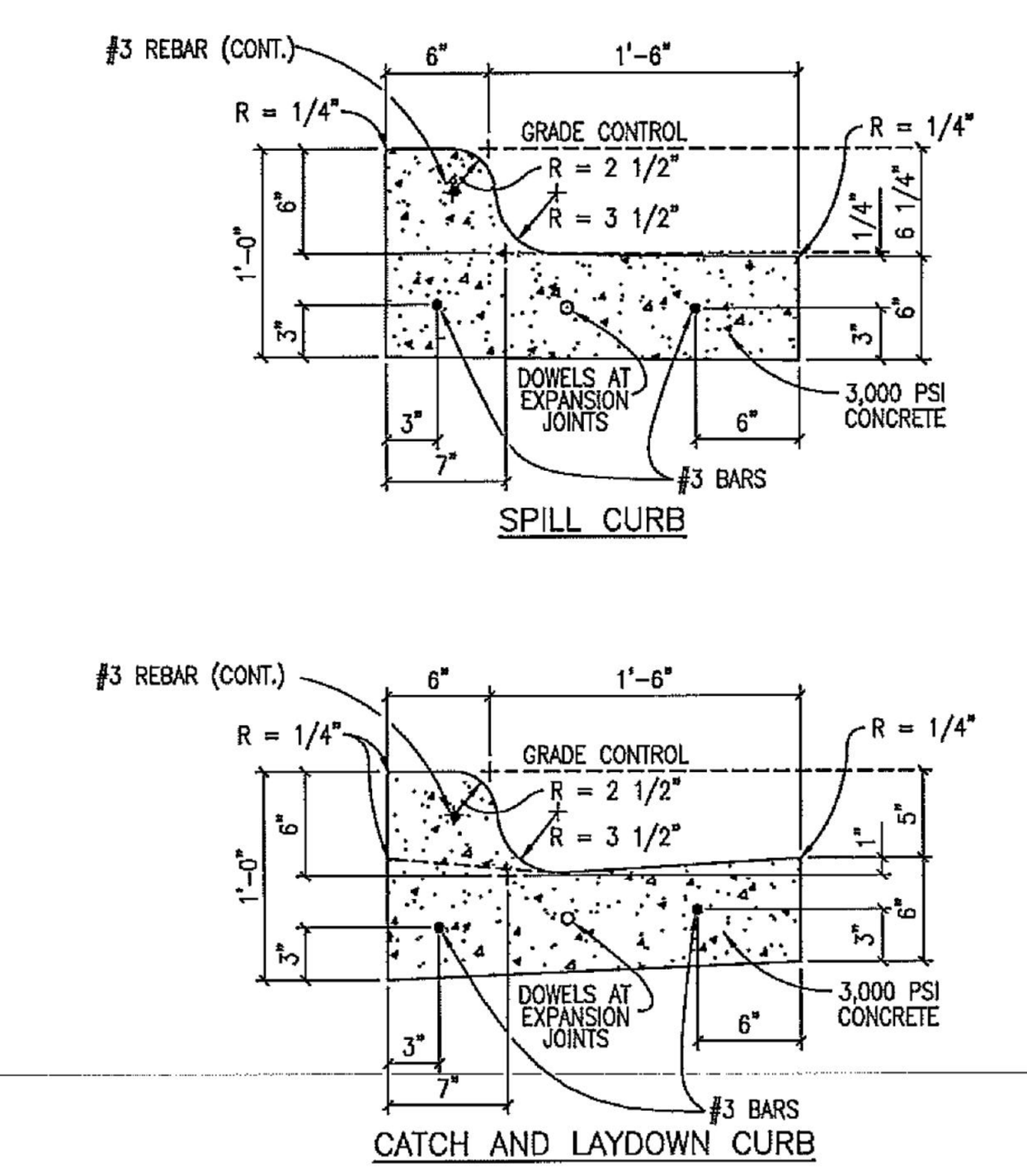


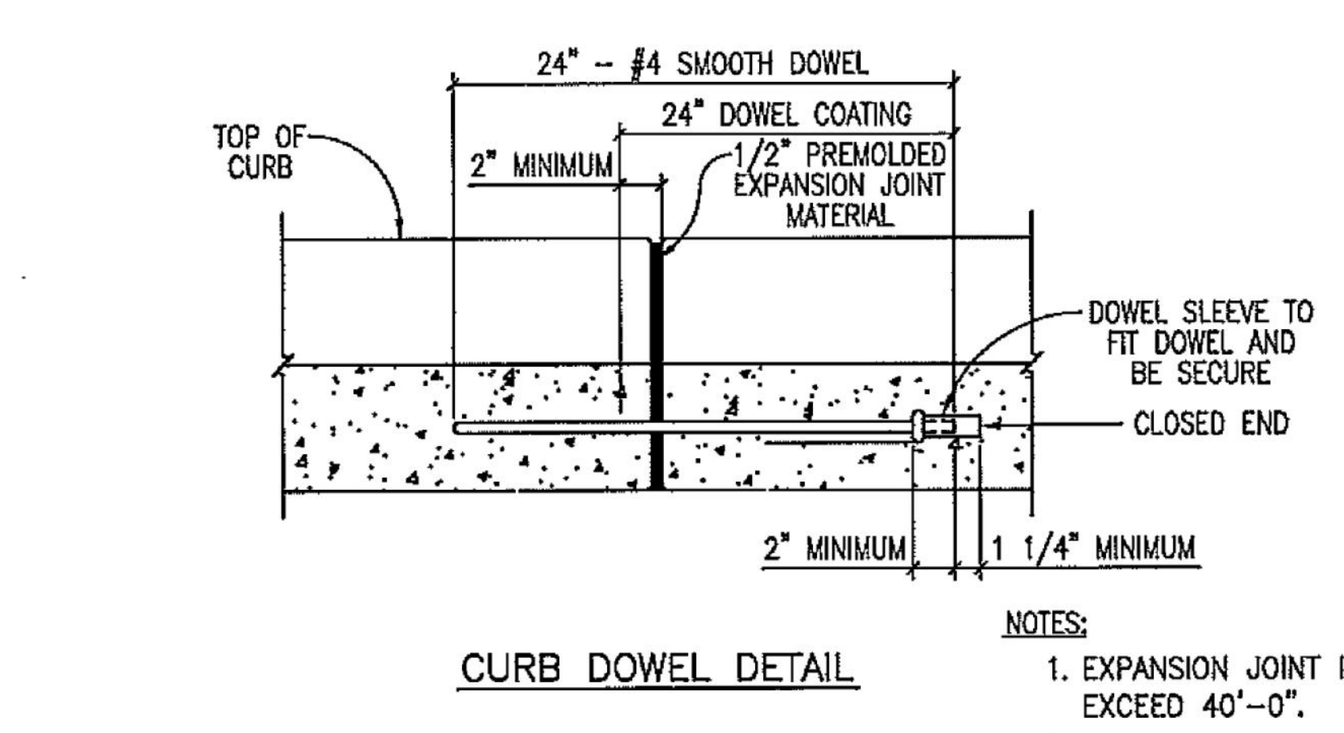


NOTES:

1. ALL DRIVEWAYS SHALL HAVE RADIUS ENDS. MINIMUM 5' RADIUS.
2. THE DRIVEWAY EDGE SHALL BE SMOOTHLY TRANSITIONED INTO THE SIDEWALK BEGINNING AT THE RADIUS PC LINE.
3. "ZERO" CURB AT PT OR SIDEWALK EDGE, WHICHEVER IS ENCOUNTERED FIRST.
4. PLACE AN EXPANSION JOINT DOWN THE CENTER OF DRIVEWAY IF WIDTH IS GREATER THAN 15'.
5. IF DIMENSION IS LESS THAN FIVE FEET, REMOVE CURB & GUTTER TO EXISTING EXPANSION JOINT AND POUR MONOLITHICALLY WITH DRIVEWAY.
6. IF THE BASE IS OVER-EXCAVATED WHERE THE CURB & GUTTER WAS REMOVED, BACKFILL WITH CONCRETE MONOLITHICALLY WITH THE DRIVEWAY.
7. TYPE II DRIVEWAYS ARE TO BE LOCATED NO CLOSER TO THE CORNER OF INTERSECTING RIGHTS OF WAY THAN 60 PERCENT OF PARCEL FRONTAGE OR 100 FEET; WHICHEVER IS LESS.
8. DRIVEWAYS SHALL NOT BE CONSTRUCTED WITHIN THE CURB RETURN OF A STREET INTERSECTION.
9. WHILE THE PROPERTY OWNER REMAINS RESPONSIBLE FOR GRADE BREAKS WITHIN PRIVATE PROPERTY, THE FIRE DEPARTMENT SHOULD BE CONSULTED WHERE THE DRIVEWAY IS ESSENTIAL TO EMERGENCY VEHICLE ACCESS AND "G2" IS GREATER THAN 15%. "G1" PLUS "D" SHOULD NOT EXCEED 15%.
10. DRIVEWAYS SHALL BE 6 INCHES THICK WITH #4 REBAR @ 18" O.C.E.W.

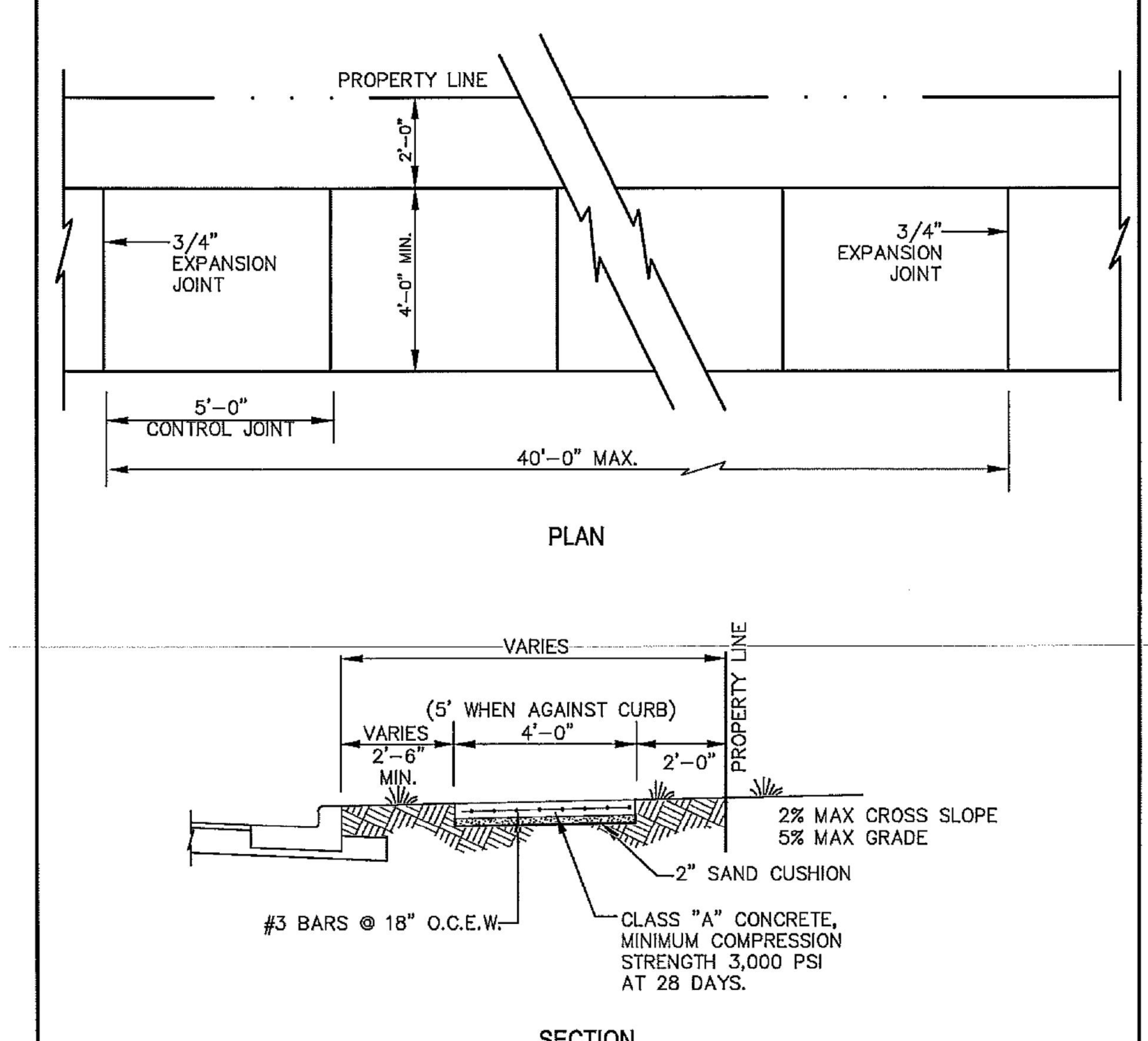
CITY OF TAYLOR · FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | DRIVEWAY DETAIL | STANDARD PV 005



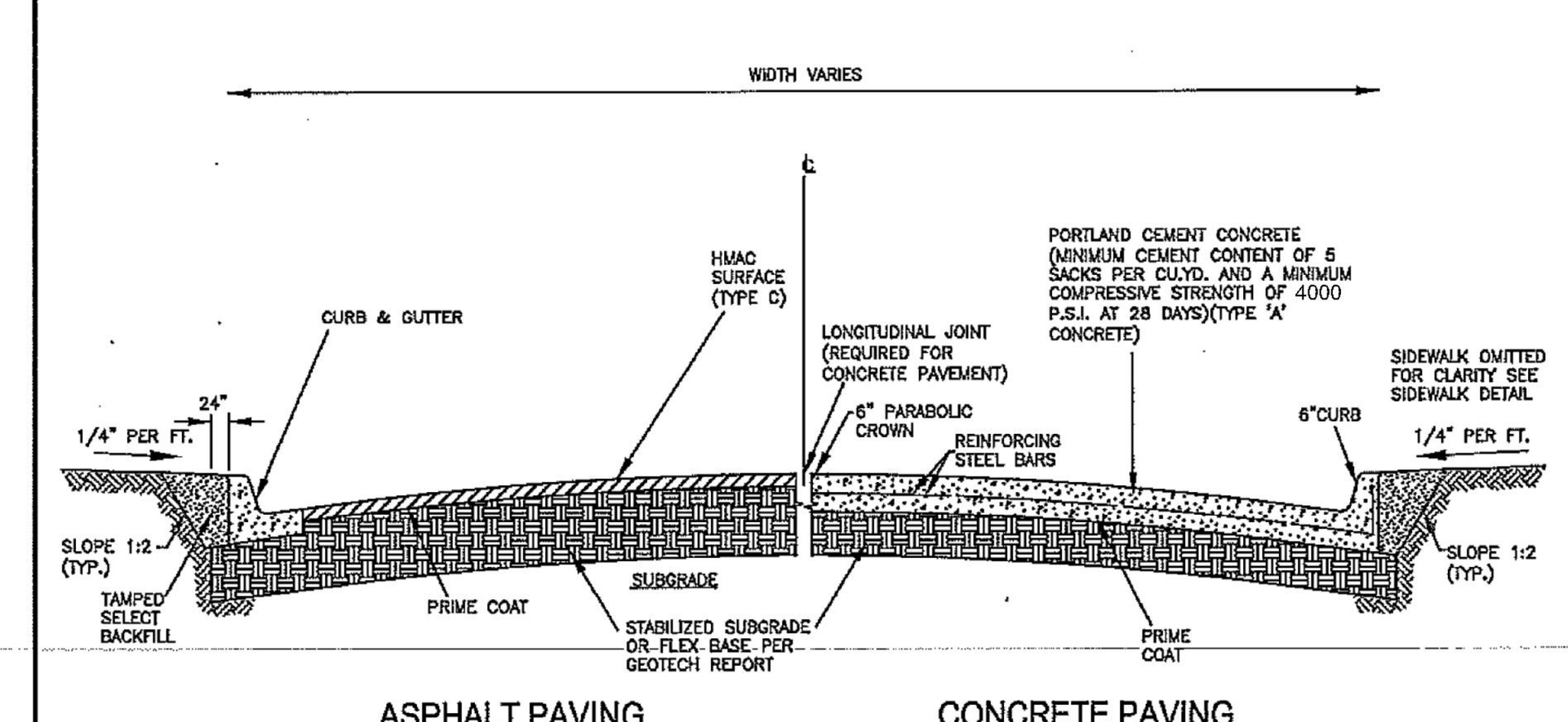


NOTES:
1. EXPANSION JOINT INTERVALS NOT TO EXCEED 40'-0".
2. 4" MINIMUM FLEX BASE UNDER CURB AND GUTTER.

CITY OF TAYLOR · FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD CURB AND GUTTER DETAIL | STANDARD PV 007



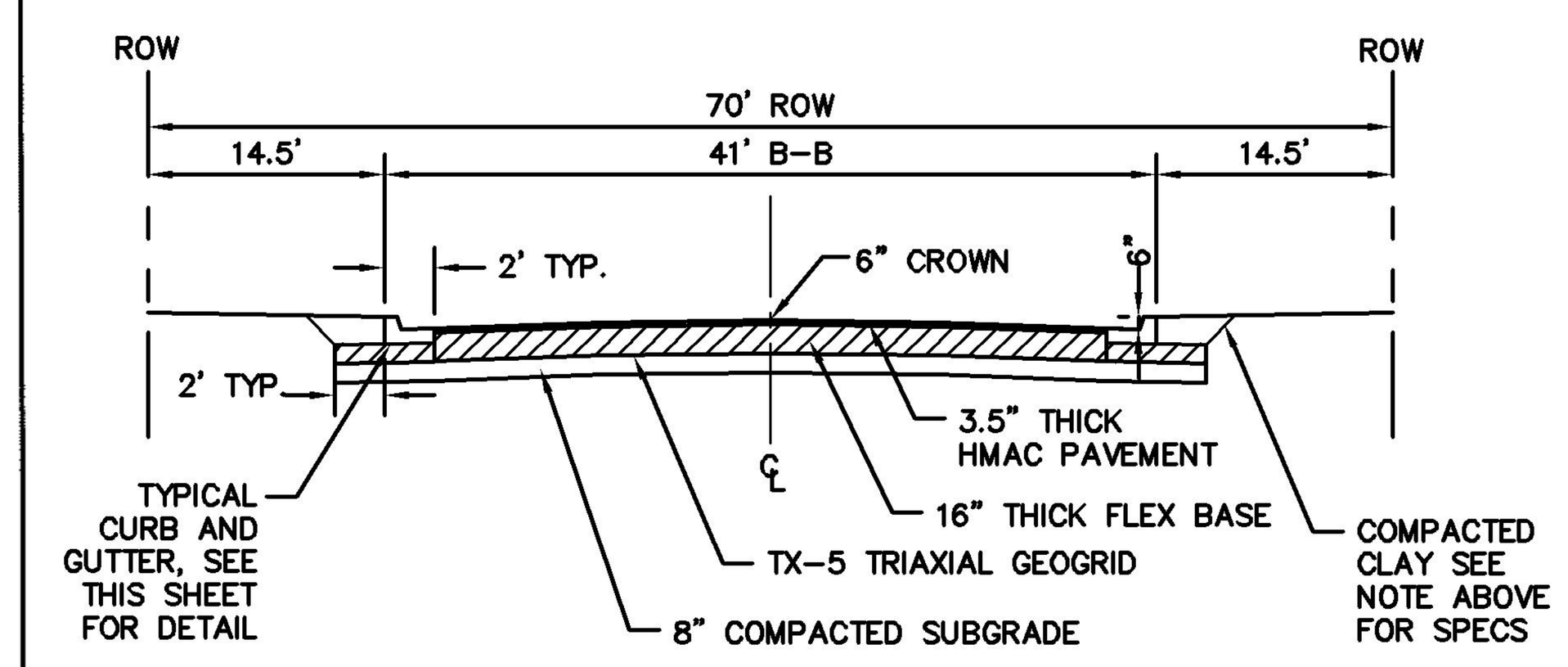
CITY OF TAYLOR · FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | SIDEWALK DETAILS | STANDARD PV 006



NOTE:
1. REFER TO GEOTECH REPORT FOR CONCRETE REQUIREMENTS

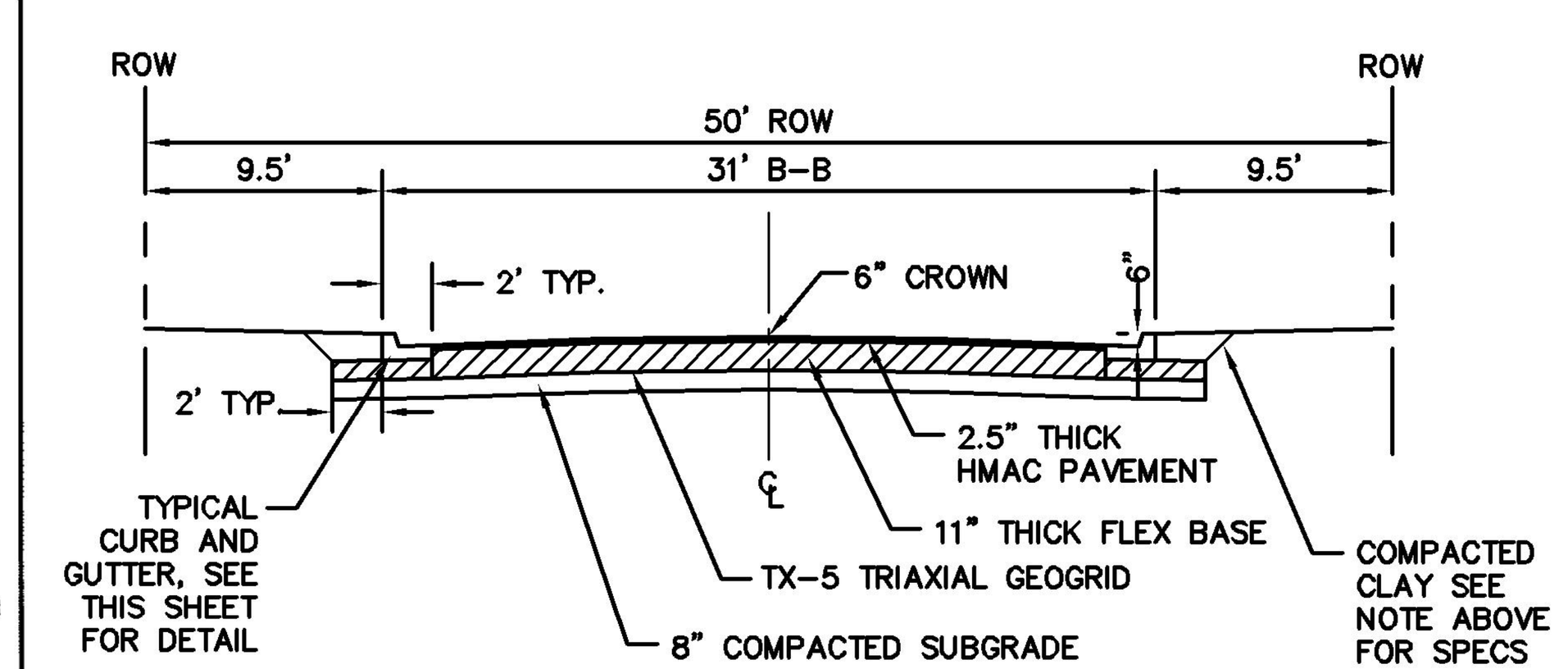
CITY OF TAYLOR · FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | TYPICAL STREET SECTION DETAIL W / STANDARD CURB & GUTTER | STANDARD PV 002

COMPACTED CLAY NOTE (FROM SUPPLEMENTAL LETTER DATED JANUARY 2021)
IT IS RECOMMENDED A CLAY TYPE MATERIAL HAVING A LIQUID LIMIT GREATER THAN 45%, A PI GREATER THAN 30 AND HAVING AT LEAST 50% MATERIAL PASSING THE #200 SIEVE. THIS MATERIAL SHOULD BE COMPACTED IN MAXIMUM 8" LIFTS TO 94 TO 98% OF THE MAXIMUM STANDARD PROCTOR (ASTM D-698) DRY DENSITY AT 0 TO +4 OF OPTIMUM MOISTURE CONTENT. ON SITE MATERIAL FREE OF ORGANICS AND DELETERIOUS MATERIALS WOULD TYPICALLY MEET THESE REQUIREMENTS



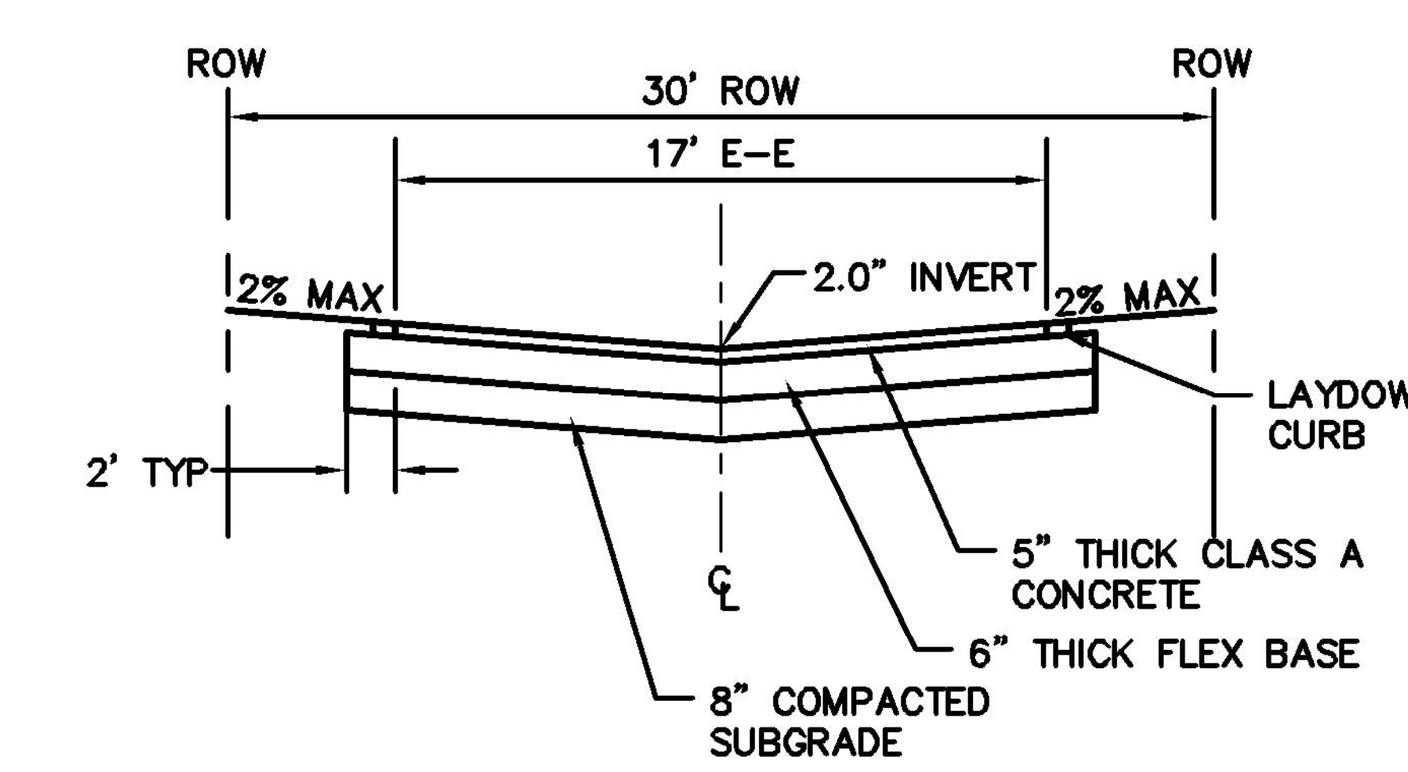
PARABOLIC COLLECTOR STREET SECTION

NTS



PARABOLIC LOCAL STREET SECTION

NTS



RESIDENTIAL ALLEY SECTION

NTS

BENCHMARKS

IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS · LUKE W CARAWAY · 125677 · LICENSED PROFESSIONAL ENGINEER
07/19/2021

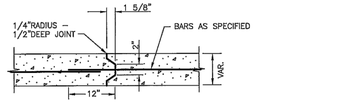
KHA PROJECT 069278800 | DATE JANUARY 2020 | SCALE: AS SHOWN | DESIGNED BY: WB,DM | DRAWN BY: DM,WB | CHECKED BY: LC

PAVING DETAILS (1 OF 2)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
95 OF 108

Plotted By: Mills, Hudson Date: July 19, 2021 09:21:08am File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



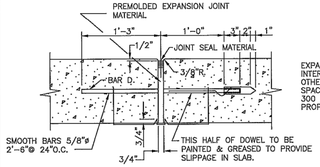
NOTE:
CONTRACTOR SHALL PROVIDE TRANSVERSE CONSTRUCTION JOINT SIMILAR IN DETAIL TO LONGITUDINAL CONSTRUCTION JT. OR EXPANSION JT. AT THE END OF EACH DAYS POUR OR WHEN DIRECTED BY ENGINEERS.

GENERAL NOTES:

1. CONCRETE OR BRICK CHAIRS APPROVED BY THE ENGINEER SHALL BE USED TO SUPPORT REINFORCING STEEL AND SHALL BE PLACED AT THE INTERSECTION OF LONGITUDINAL AND TRANSVERSE BARS AT SPACING AT 3'-8" LONGITUDINALLY AND 4'-0" TRANSVERSELY.
2. PAVEMENT LAYOUT WILL NECESSITATE THAT ALL CONSTRUCTION AND WARPING JOINTS COINCIDE WITH LANE LINES – THRU LANE CONSTRUCTION WILL BE CONTINUOUS WITH ALL LEFT TURN LANES AND TRANSITIONS TO BE POURED AS FILL-INS SUBJECT TO APPROVAL BY THE ENGINEER.
3. ALL TRANSVERSE AND LONGITUDINAL CONTRACTION JOINTS SHALL BE SPACED NOT TO EXCEED 20 FEET AND SHALL BE SAWED WITHIN 24 HOURS FOLLOWING CONCRETE PLACEMENT.

LONGITUDINAL CONSTRUCTION JOINT

NOT TO SCALE



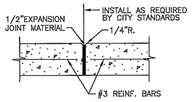
EXPANSION JOINTS TO BE AT INTERSECTIONS, BRIDGES, AND OTHER STRUCTURES AND AT SPACINGS NOT TO EXCEED 300 FEET. ALL JOINTS TO BE PROPERLY SEALED.

CONTINUOUS WELDED DOWEL BAR CHAIR CONSISTING OF 2 WIRE NO. 6 GAUGE WIRE CHAIR & DOWEL HOLDER AT EACH DOWEL & 2 3/8"ø STEEL BARS WELDED AT EACH INTERSECTION.

EXPANSION JOINT

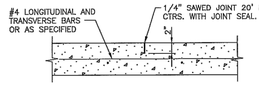
NOT TO SCALE

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	JOINT DETAILS (1 OF 2)	PV 010



CURB & GUTTER EXPANSION JOINT DETAIL

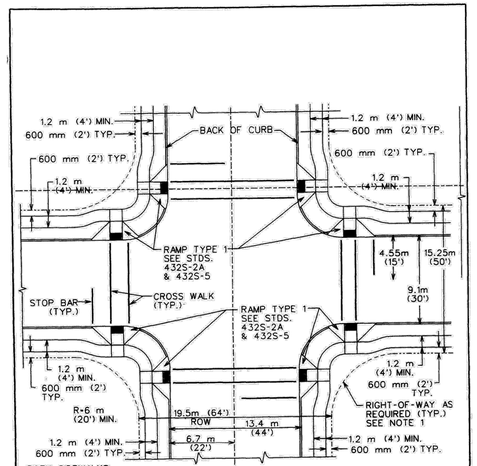
NOT TO SCALE



CONTRACTION JOINT DETAIL

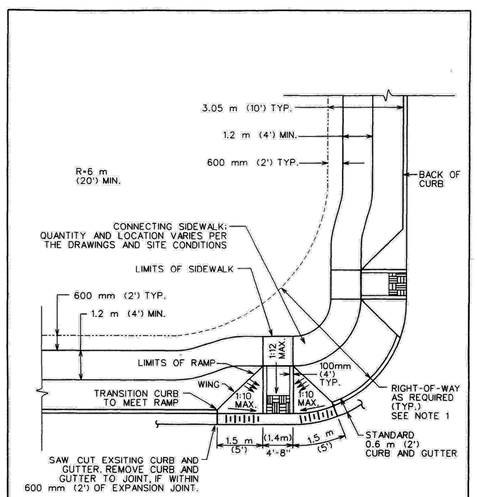
NOT TO SCALE

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	JOINT DETAILS (2 OF 2)	PV 011



TYPICAL PLAN

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	TYPE 1 CURB RAMPS-FULL INTERSECTION	
Bill Gardner 3/13/06 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 432S-3 1 OF 3



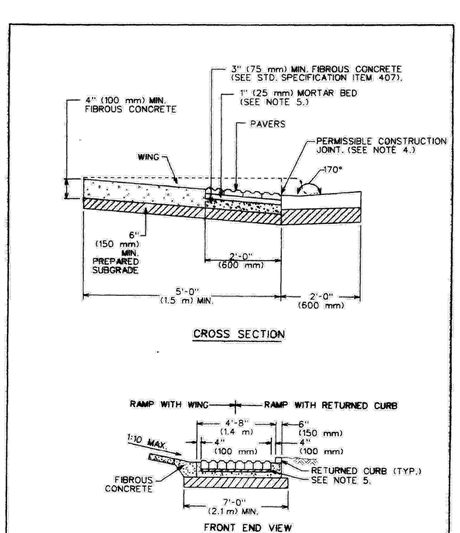
TYPICAL PLAN

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	TYPE 1 CURB RAMPS-FULL INTERSECTION	
Bill Gardner 3/13/06 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 432S-3 2 OF 3

GENERAL NOTES:

1. THIS STANDARD IS APPICABLE FOR RAMP CONSTRUCTION WITHIN RIGHT-OF-WAY OR EASEMENT ONLY.
2. THIS STANDARD REPRESENTS A TYPICAL CURB RAMP DESIGN FOR A NEWLY CONSTRUCTED INTERSECTION WITH A 6 m (20') RADIUS. LARGER RADII, STREET GRADES, LIMITED SIGHT DISTANCES, STREET CLASSIFICATION, SIGNALIZATION AND OTHER FACTORS MAY REQUIRE THE ENGINEER OR DESIGNATED REPRESENTATIVE TO MODIFY THIS STANDARD. SUFFICIENT RIGHT-OF-WAY SHALL BE DEDICATED SUCH THAT THE ENTIRE CURB RAMP, INCLUDING LANDING, AND THE INTER-CONNECTING SIDEWALK ARE CONTAINED WITHIN THE RIGHT-OF-WAY.
3. THE CURB, GUTTER AND RAMP SYSTEM SHALL BE CONFIGURED TO MAINTAIN ALL RUNOFF FROM A 25 YEAR FREQUENCY STORM WITHIN THE RIGHT-OF-WAY (DRAINAGE CRITERIA MANUAL SECTION 1.2.2.B). WHEN THERE IS AN ELEVATION DIFFERENCE BETWEEN THE BOTTOM OF RAMPS (IE. ELEVATION AT THE GUTTER) WITHIN A QUADRANT OF AN INTERSECTION, THE LOWER ELEVATION RAMP SHALL BE CONSTRUCTED WITH A POSITIVE RAMP SLOPE OF 1:12 IN ACCORDANCE WITH STANDARDS 432S-5, 432S-5A AND 432S-5B.
4. STANDARD ASSIGNMENT OF SIDEWALKS IS 600 mm (2') OFF PROPERTY LINE, EXCEPT AS INDICATED ON THE DRAWINGS.
5. ALTHOUGH CURB RAMPS MAY BE PLACED WITHIN THE RADIUS, PLACING THE RAMP OUTSIDE OF THE RADIUS WILL ALLOW FOR THE GREATEST DIFFERENCE IN ELEVATION BETWEEN THE RAMPS.
6. WINGS ARE REQUIRED ONLY IF PEDESTRIANS WOULD NORMALLY CROSS THE RAMP.
7. LANDINGS SHALL BE FLAT AND MATCH PT, PC OR TOP OF CURB ELEVATION.
8. CURB RAMPS WILL BE PERPENDICULAR TO ROADWAY CENTERLINES AND SHALL ALIGN WITH EACH OTHER.
9. GRADES ON SIDEWALKS LEADING TO OR FROM THE RAMPS SHALL FOLLOW CURB GRADES.
10. THE SLOPE OF THE SIDEWALK WHICH IS LOCATED WITHIN THE RADIUS AND CONNECTS TWO CURB RAMPS SHALL NOT EXCEED 1:20. THE DEVELOPER, AS PART OF THE CURB RAMP INSTALLATION, SHALL CONSTRUCT THIS CONNECTING SIDEWALK.
11. STRIPING AND SIGNAGE NOT REQUIRED IN ALL INSTANCES. STOP BARS, IF REQUIRED, SHALL BE LOCATED 1.2 m (4') FROM CROSSWALK.
12. IF A MEDIAN EXTENDS INTO THE CROSSWALK AREA, AN OPENING SHALL BE PROVIDED IN THE MEDIAN THE SAME WIDTH AS THE CURB RAMP.
13. CURB INLETS SHALL NOT BE LOCATED WITHIN 3.0 m (10') OF A CURB RAMP.
14. GUTTER SHALL PROVIDE SMOOTH TRANSITION TO RAMPS.

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	TYPE 1 CURB RAMPS-FULL INTERSECTION	
Bill Gardner 3/13/06 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 432S-3 3 OF 3



CROSS SECTION

FRONT END VIEW

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	DETECTABLE WARNING-PAVER (CITY PROPERTY/EASEMENTS)	
Bill Gardner 6/21/07 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 432S-2A 1 OF 2

GENERAL NOTES:

1. THIS STANDARD IS APPLICABLE FOR RAMP CONSTRUCTION ON CITY PROPERTY AND EASEMENT AREAS ONLY.
2. PAVERS ARE REQUIRED FOR ALL CURB RAMP INSTALLATIONS.
3. PAVERS WILL HAVE DETECTABLE WARNING THAT CONSISTS OF RAISED TRUNCATED DOMES WITH A DIAMETER OF 0.9" (23 mm), A NOMINAL HEIGHT OF 0.2" (5 mm) AND A NOMINAL CENTER TO CENTER SPACING OF 2.35" (60 mm) AND SHALL CONSTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT (Re: ADAAG SECTION 4.29.2). MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. PAVER PATTERN SHALL BE BASKET WEAVE UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR DESIGNATED REPRESENTATIVE.
4. TYPICAL SIDEWALK WIDTHS, AND CURB RADII ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO THE TRANSPORTATION CRITERIA MANUAL FOR SIDEWALK WIDTHS, CURB RADII AND CURB BASIS.
5. THE PERMISSIBLE CONSTRUCTION JOINT BETWEEN THE PAVERS AND THE ADJOINING SURFACE SHALL BE LIMITED TO ¼" (6 mm). JOINT SIZE, GAPS LARGER THAN ¼" (6 mm) MUST BE APPROVED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. ALL JOINTS BETWEEN BRICKS AND ADJOINING SURFACE SHALL BE MORTAR FILLED UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR DESIGNATED REPRESENTATIVE.
6. MORTAR SHALL CONFORM TO STD. SPECIFICATION ITEM SECTION 403S.3.5, MORTAR AND GROUT. ALL OTHER CONCRETE SHALL CONFORM TO STD. SPECIFICATION ITEM 403S, CONCRETE FOR STRUCTURES, UNLESS OTHERWISE NOTED.
7. CURB RAMPS WITH RETURNED CURB MAY ONLY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK DIAGONALLY ACROSS THE RAMP.

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	DETECTABLE WARNING-PAVER (CITY PROPERTY/EASEMENTS)	
Bill Gardner 6/21/07 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 432S-2A 2 OF 2

BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800	DATE JANUARY 2020	SCALE: AS SHOWN	DESIGNED BY: WB,DM	DRAWN BY: DM,WB	CHECKED BY: LC

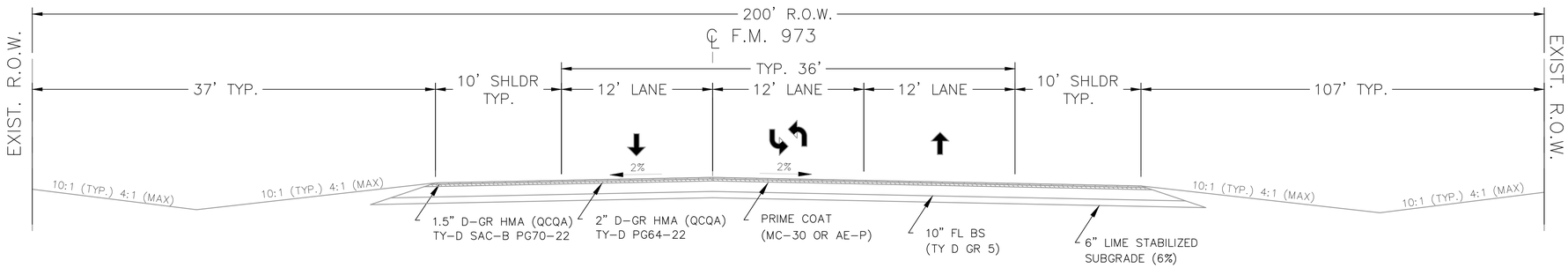
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

PAVING DETAILS (2 OF 2)

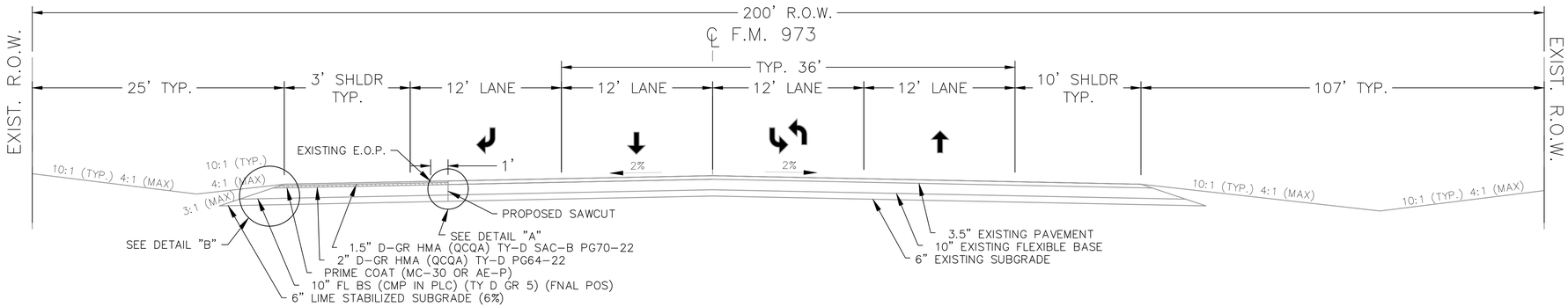
SHEET NUMBER
96 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 04:23:29pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.



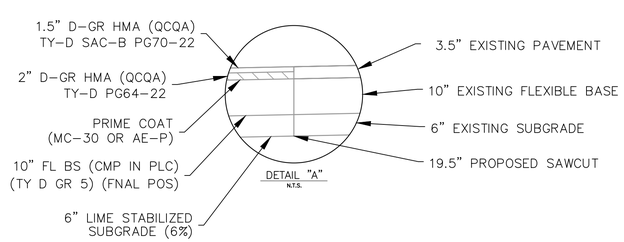
EXISTING SECTION

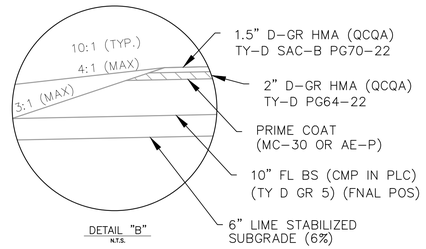
N.T.S.



PROPOSED SECTION

N.T.S.





BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

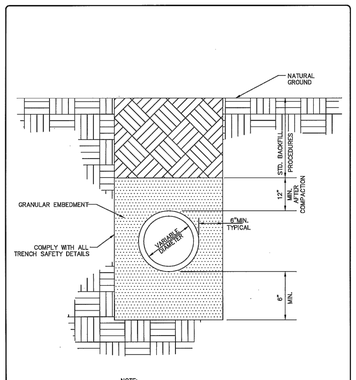
KHA PROJECT	069278800
DATE	JANUARY 2020
SCALE:	AS SHOWN
DESIGNED BY:	WB,DM
DRAWN BY:	DM,WB
CHECKED BY:	LC

FM 973 TYPICAL SECTION

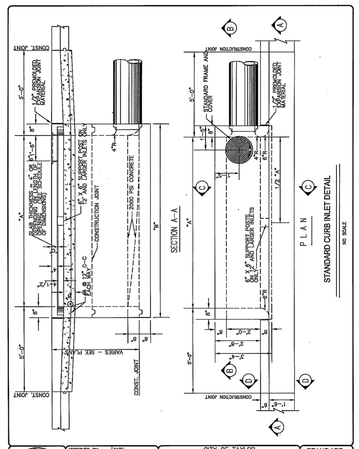
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
97 OF 108

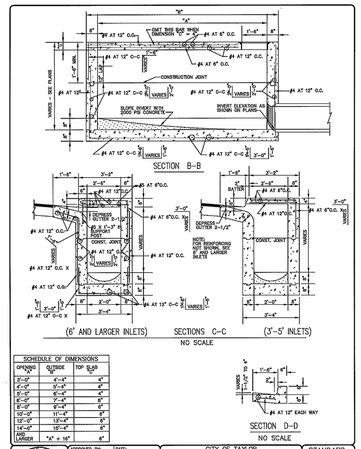
Plotted By:Hansen, Matthew Date:October 16, 2020 04:23:38pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



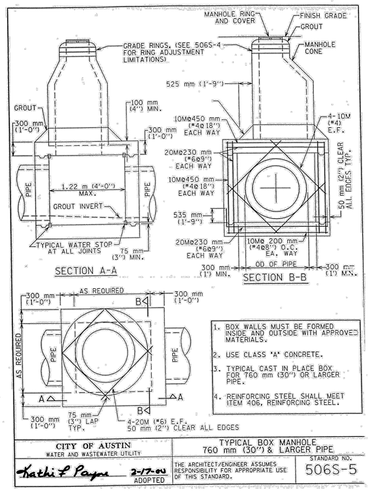
APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STORM DRAIN PIPE EMBEDMENT DETAIL	UT 300



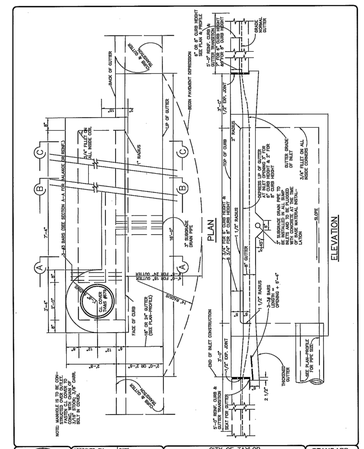
APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STANDARD CURB INLET DETAIL	UT 301 1 of 2



APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STANDARD CURB INLET DETAIL	UT 301 2 of 2

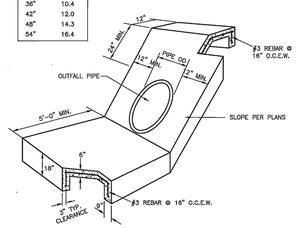


CITY OF AUSTIN WATER AND WASTEWATER UTILITY	TYPICAL BOX MANHOLE 760 mm (30") & LARGER PIPE	STANDARD NO.
Kathi L Payne 7-17-09 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES NO RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	506S-5



APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STANDARD 10' CURB INLET DETAIL	UT 303

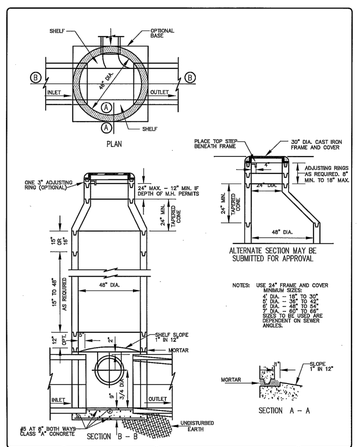
MINIMUM RIP-RAP QUANTITIES	
PIPE	SQ. YDS.
18"	6.2
24"	6.9
27"	7.8
30"	9.5
36"	10.4
42"	12.0
48"	14.3
54"	16.4



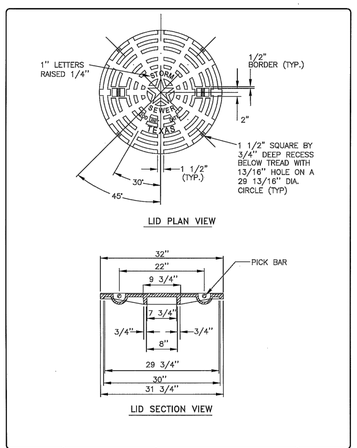
NOTES:

1. WHEN HEADWALLS AND WINGWALLS ARE REQUIRED, THEY SHALL CONFORM TO THE TEXAS HIGHWAY DEPARTMENT STANDARDS, OR AS DIRECTED BY THE CITY.
2. ENERGY DISSIPATERS SHALL BE INSTALLED IF PIPE VELOCITY EXCEEDS 5.0 F.P.S., OR AS DIRECTED BY THE CITY.

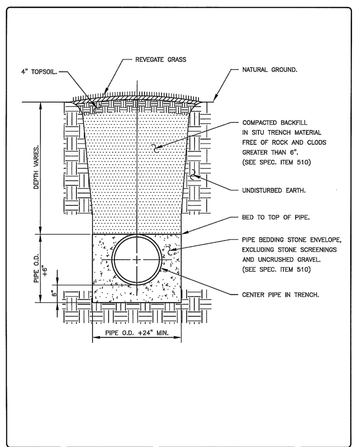
APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	RIP-RAP AT PIPE OUTFALL	UT 304



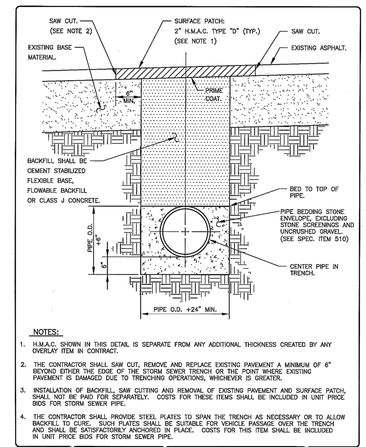
APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STORM SEWER MANHOLE - PRECAST	UT 305



APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STANDARD STORM SEWER MANHOLE COVER (32")	UT 306



APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STORM SEWER LINE BEDDING DETAIL (NON-PAVED SURFACE)	UT 307



NOTES:

1. H.M.A.C. SHOWN IN THIS DETAIL IS SEPARATE FROM ANY ADDITIONAL THICKNESS CREATED BY ANY OVERLAY ITEM IN CONTRACT.
2. THE CONTRACTOR SHALL SAW CUT, REMOVE AND REPLACE EXISTING PAVEMENT A MINIMUM OF 6" BEYOND EITHER THE EDGE OF THE STORM SEWER TRENCH OR THE POINT WHERE EXISTING PAVEMENT IS DAMAGED DUE TO TRENCHING OPERATIONS, WHICHEVER IS GREATER.
3. INSTALLATION OF BACKFILL, SAW CUTTING AND REMOVAL OF EXISTING PAVEMENT AND SURFACE PATCH, SHALL NOT BE PAID FOR SEPARATELY. COSTS FOR THESE ITEMS SHALL BE INCLUDED IN UNIT PRICE BIDS FOR STORM SEWER PIPE.
4. THE CONTRACTOR SHALL PROVIDE STEEL PLATES TO SPAN THE TRENCH AS NECESSARY OR TO ALLOW BACKFILL TO CURE. SUCH PLATES SHALL BE SUITABLE FOR VEHICLE PASSAGE OVER THE TRENCH AND SHALL BE SATISFACTORILY ANCHORED IN PLACE. COSTS FOR THIS ITEM SHALL BE INCLUDED IN UNIT PRICE BIDS FOR STORM SEWER PIPE.

APPROVED BY:	DATE:	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	STANDARD
CS	JULY 2009	STORM SEWER LINE BEDDING DETAIL (PAVED SURFACE)	UT 308

Kimley»Horn
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE: JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

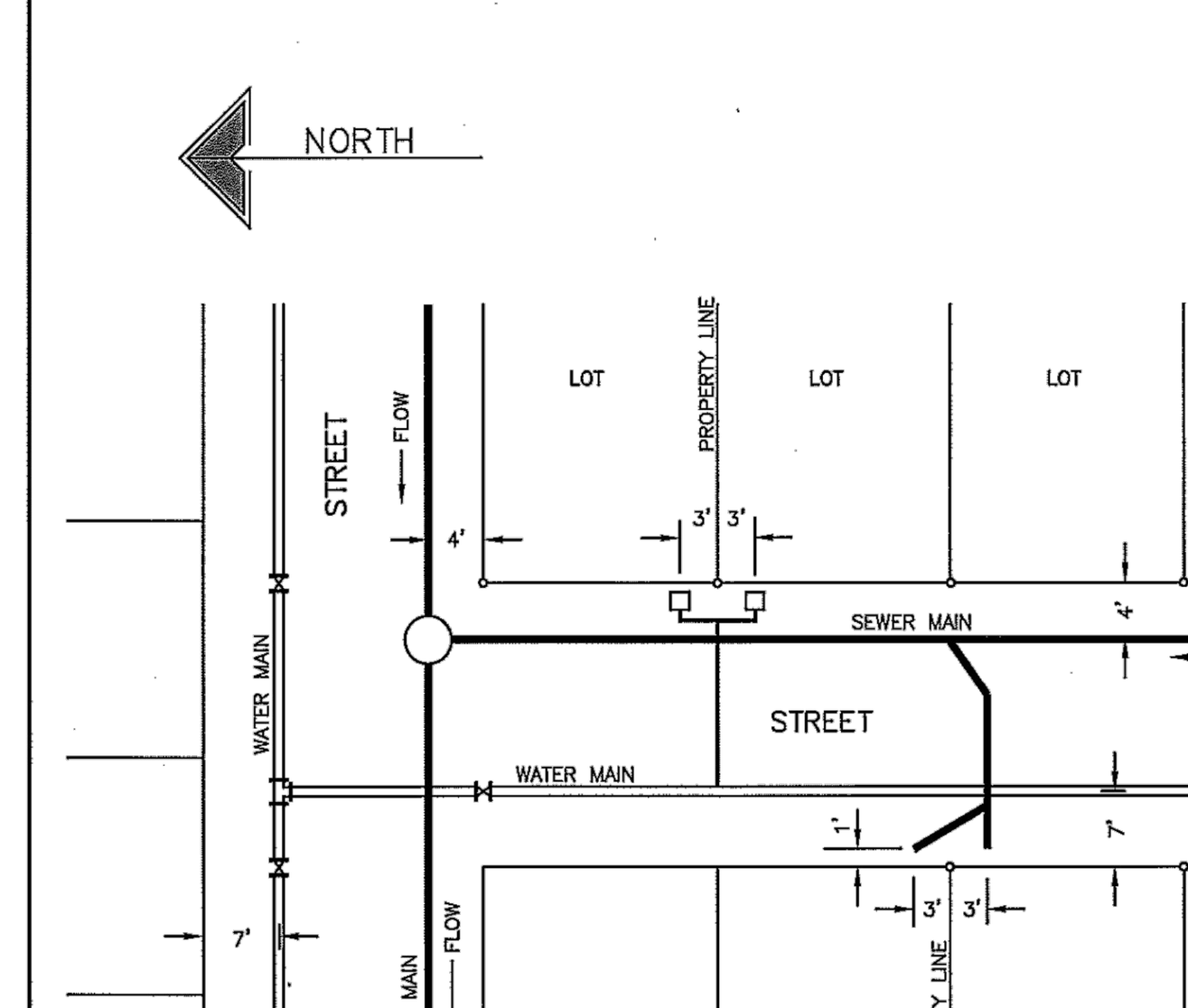
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

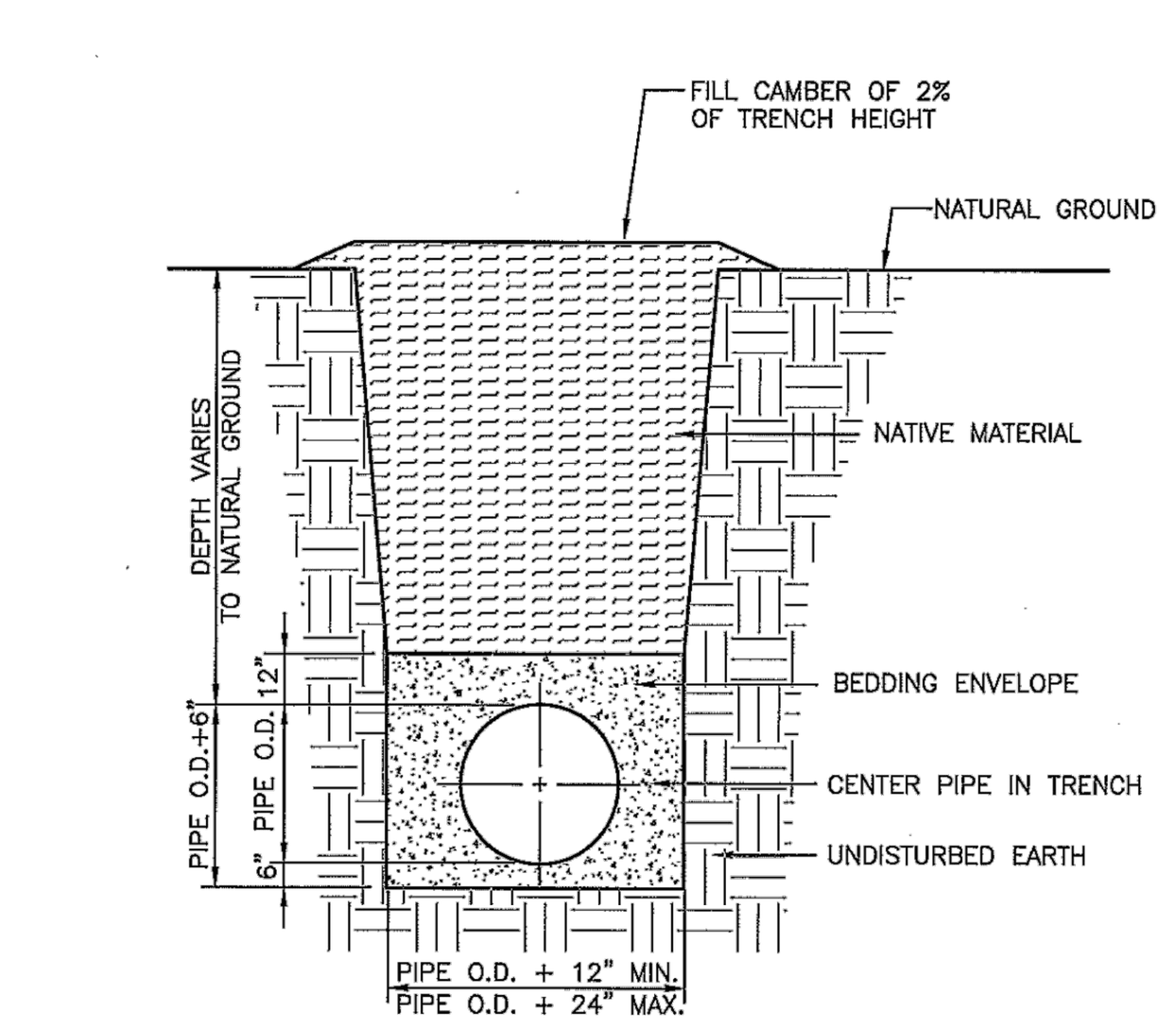
STORM DRAIN DETAILS

SHEET NUMBER
98 OF 108

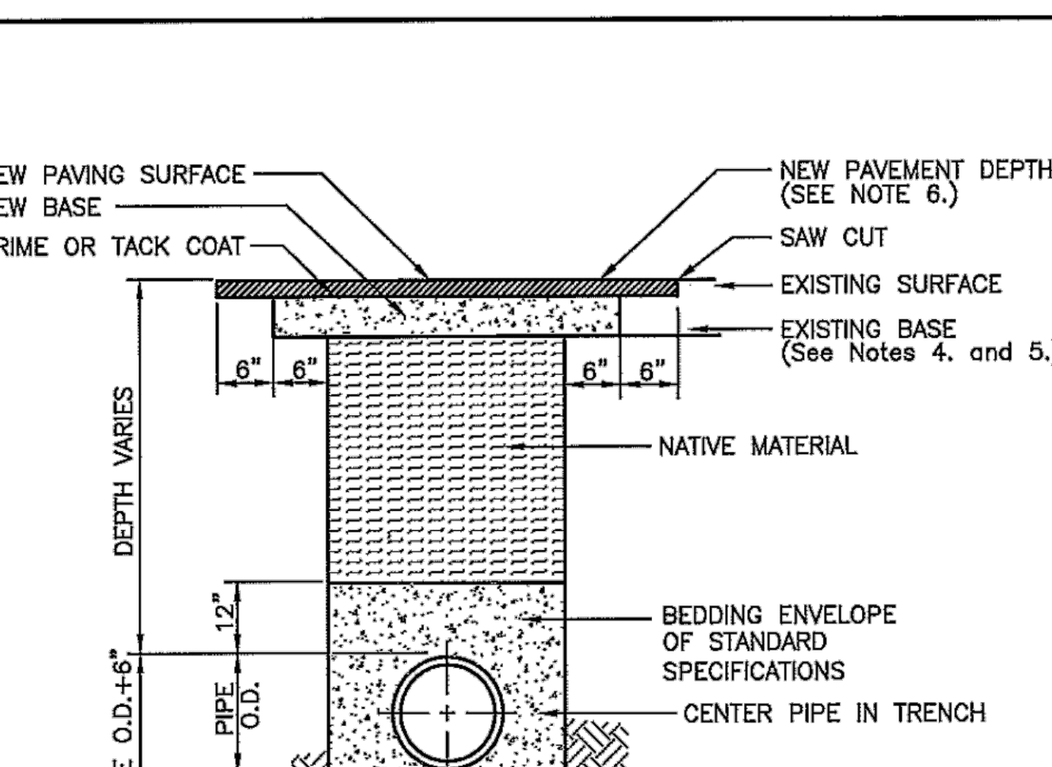
Plotted By:Hansen, Matthew Date:October 16, 2020 04:24:13pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Storm Drain Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — TYPICAL MAIN & SERVICE LOCATIONS	STANDARD UT 002



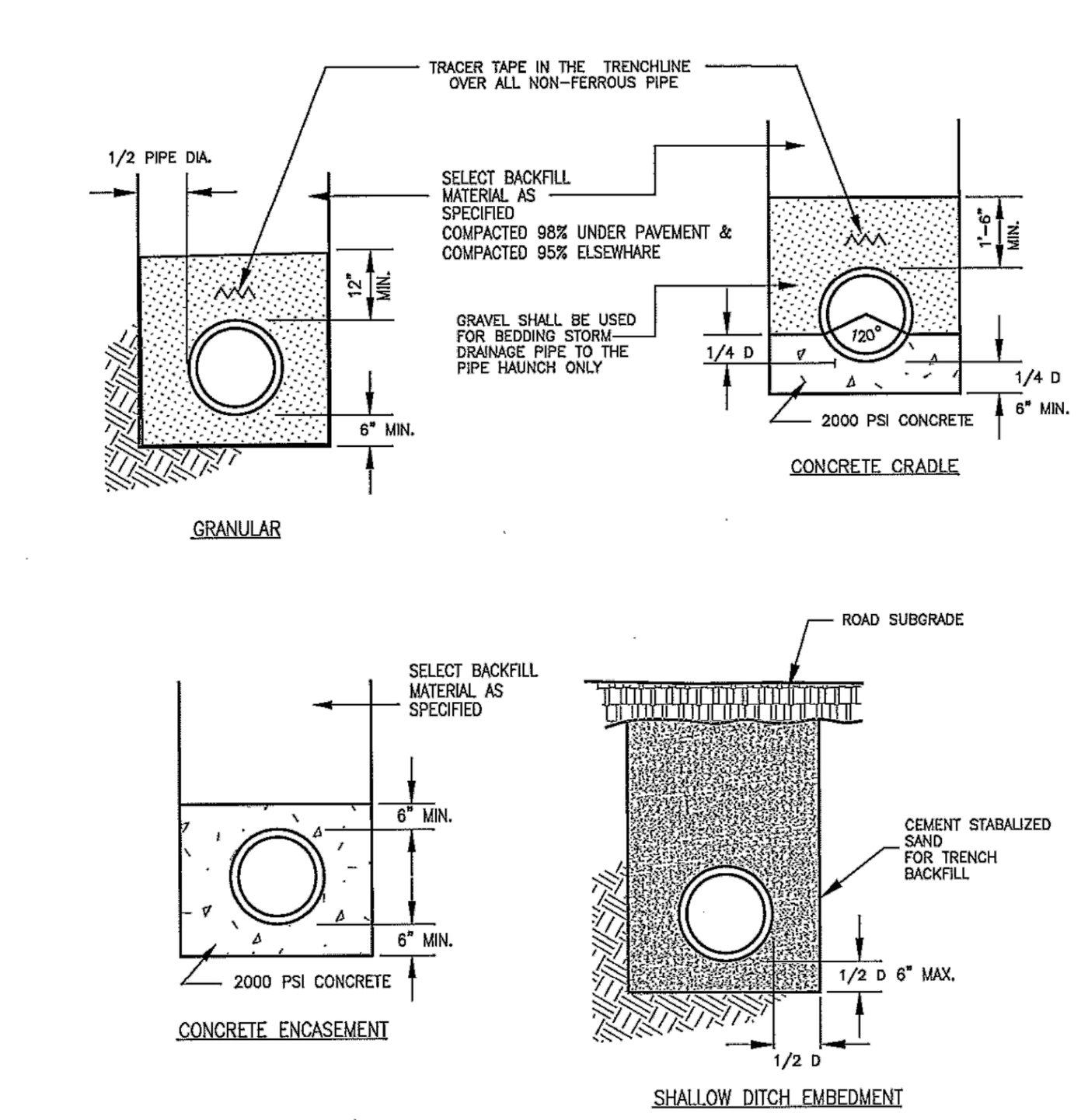
APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — TYPICAL TRENCH WITH UNFINISHED SURFACE	STANDARD UT 003



NOTES:

1. THE EXISTING PAVING SURFACE SHALL BE SAW CUT IN A STRAIGHT LINE A MINIMUM OF 12" WIDER THAN THE UNDISTURBED SIDES OF THE TRENCH, SYMETRICAL ABOUT THE CENTER LINE OF THE EXCAVATION.
2. ANY CONCRETE PAVING SHALL BE SAW CUT 6" WIDER THAN UNDISTURBED SIDES OF EXCAVATION.
3. IF EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE THE SURFACE SHALL BE MAINTAINED LEVEL WITH ADJACENT RIDING SURFACE WITH COLD MIX OR TEMPORARY HOT MIX.
4. ROAD BASE AND SURFACE MATERIALS IN THE TRENCH CUT SHALL BE REPLACED IN KIND OF EQUAL THICKNESS, OR MINIMUM BASE THICKNESS OF 10 INCHES, WHICHEVER IS GREATER
5. ALL DAMAGED AREAS OF PAVEMENT OUTSIDE THE TRENCH CUT SHALL BE REMOVED AND REPLACED WITH MINIMUM OF 8 INCHES OF BASE OR MATCH EXISTING, WHICHEVER IS GREATER.
6. SURFACE PAVEMENT SHALL BE OF THE KIND AND THICKNESS AS EXISTING, OR MINIMUM 2 INCHES, WHICHEVER IS GREATER
7. ALL PRESSURE PIPE SHALL BE PROVIDED WITH THRUST BLOCKS WHERE CHANGES IN DIRECTION OCCUR, AT TEES, BENDS, CROSSES, CHANGES IN SLOPE, STOPS (DEAD ENDS) VALVES AND OR AS SHOWN, ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

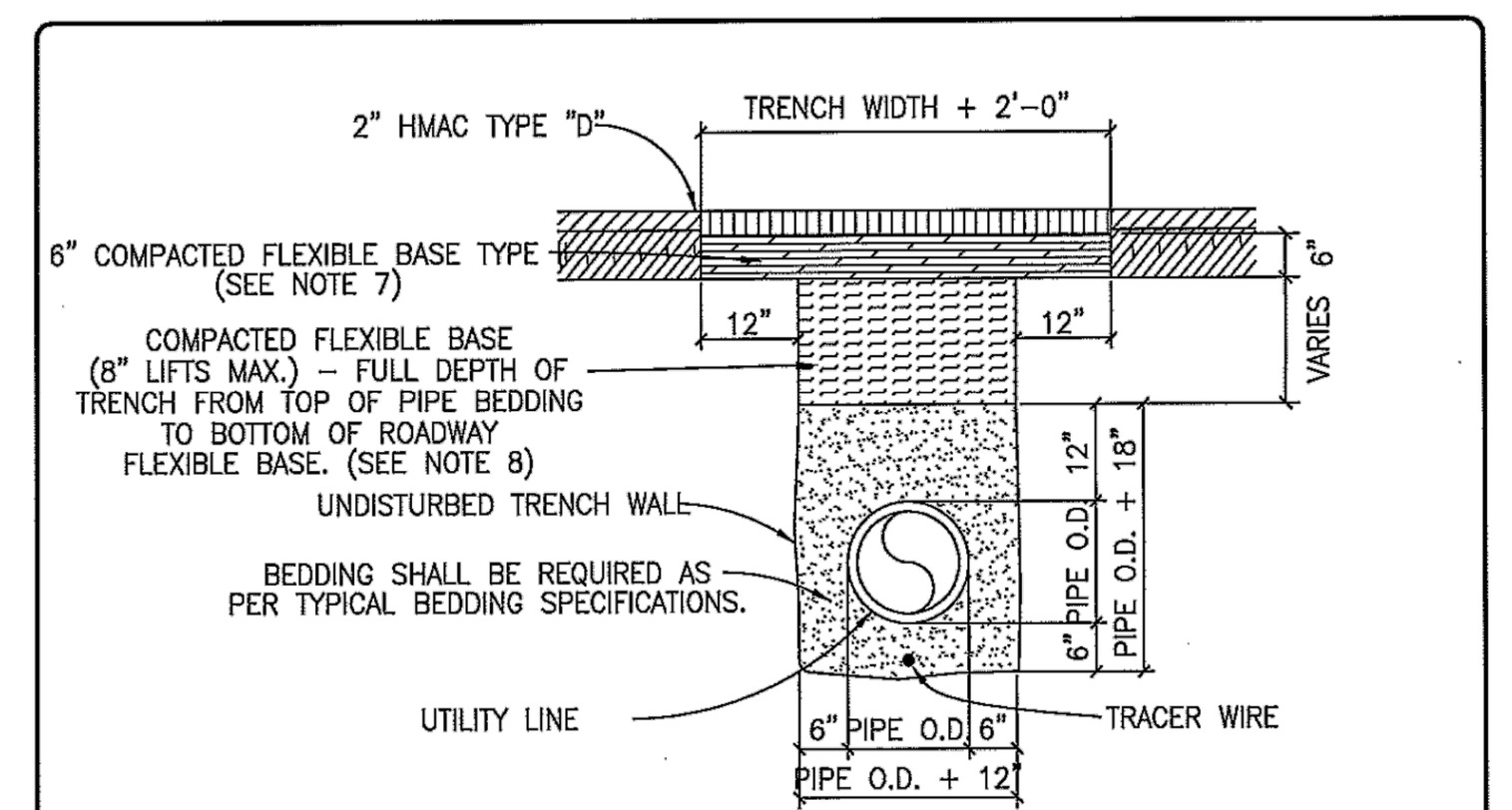
APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — TYPICAL TRENCH WITH PAVED SURFACE	STANDARD UT 004



** TYPICAL BEDDING SPECIFICATIONS:

SIEVE SIZE	3/8" F % RETAINED	1/2" D % RETAINED	WASHED GRAVEL % RETAINED
1/2"	0	0	0
3/8"	0–2	5–25	–
4m	40–85	80–100	–
10m	95–100	96–100	–
3/4"	–	–	100

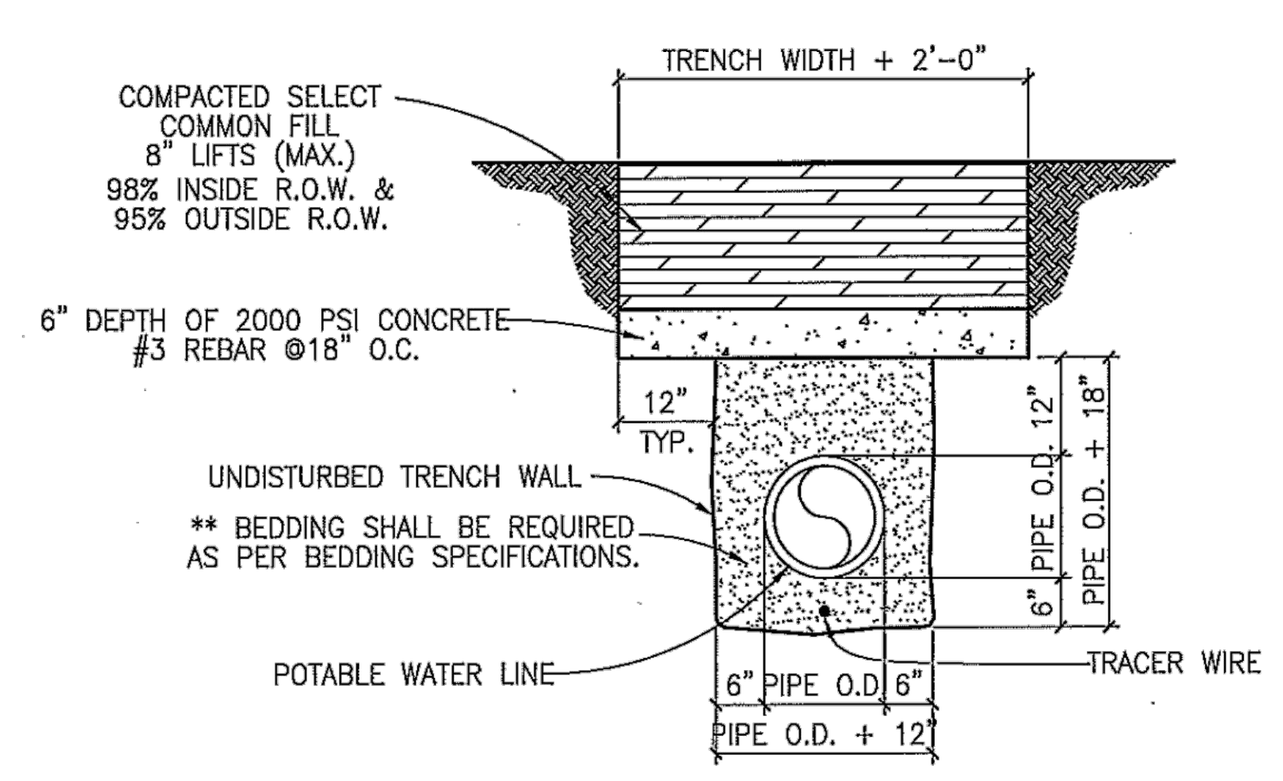
APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — STANDARD EMBEDMENT AND ENCASEMENT	STANDARD UT 005



NOTES:

1. REPLACED BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE.
2. BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO SPECIFIED MAXIMUM DENSITY.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE.
5. A MINIMUM OF ONE DENSITY TEST SHALL BE TAKEN EVERY FIVE HUNDRED (500) FEET FOR EACH SIX (6) INCH LIFT OF SUBGRADE AND EACH OPEN CUT CROSSING. PROCTORS FOR MATERIALS USED IN BACKFILLING SHALL BE OBTAINED BY A CERTIFIED LABORATORY. DENSITY TESTS SHALL BE CONDUCTED BY A CERTIFIED LABORATORY OR THE PERMITTEE'S CONSULTANTS. THE PERCENTAGE OF MAXIMUM DENSITY REQUIRED SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "THE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AT THE TIME THE PERMIT WAS ISSUED. ALL DENSITY TESTS SHALL BE COMPLETED AND ACCEPTED ON EACH LAYER PRIOR TO ADDITIONAL BACKFILLING. A COPY OF ALL COMPLETED AND ACCEPTED DENSITY TESTS SHALL BE FURNISHED TO CITY.
6. THESE SPECIFICATIONS MAY BE SUPERSEDED BY THE GOVERNING AGENCY.
7. FLEXIBLE BASE: (ROADWAY BASE)
   TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 100% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR.
8. FLEXIBLE BASE: (TRENCH BACKFILL)
   TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 98% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR.
9. CONTRACTOR OR ENGINEER MAY REQUEST FOR USE OF ALTERNATE BACKFILL MATERIAL. ALTERNATE MATERIALS AND TESTING PROTOCOL MUST BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER PRIOR TO USE.

APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — TRENCH DETAIL WITH PAVEMENT REPLACEMENT UNDER EXISTING ROADWAY	STANDARD UT 006

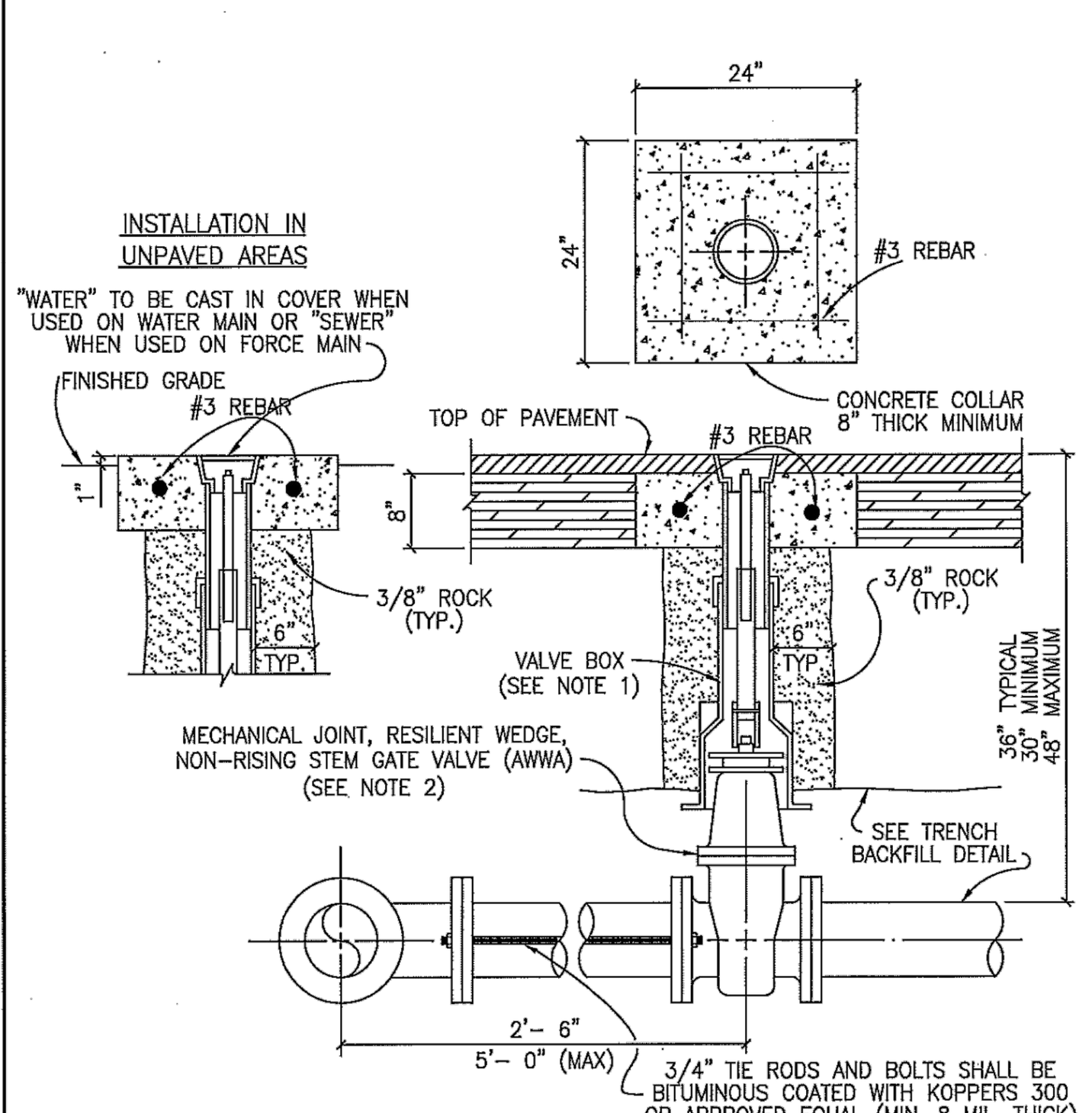


* WHERE 48" MINIMUM COVER CAN NOT BE OBTAINED OR DUE TO POTENTICAL SURFACE LOADING THE CITY MAY REQUIRE A CAP TO BE INSTALLED.

** TYPICAL BEDDING SPECIFICATIONS:

SIEVE SIZE	3/8" F % RETAINED	1/2" D % RETAINED	WASHED GRAVEL % RETAINED
1/2"	0	0	0
3/8"	0–2	5–25	–
4m	40–85	80–100	–
10m	95–100	96–100	–
3/4"	–	–	100

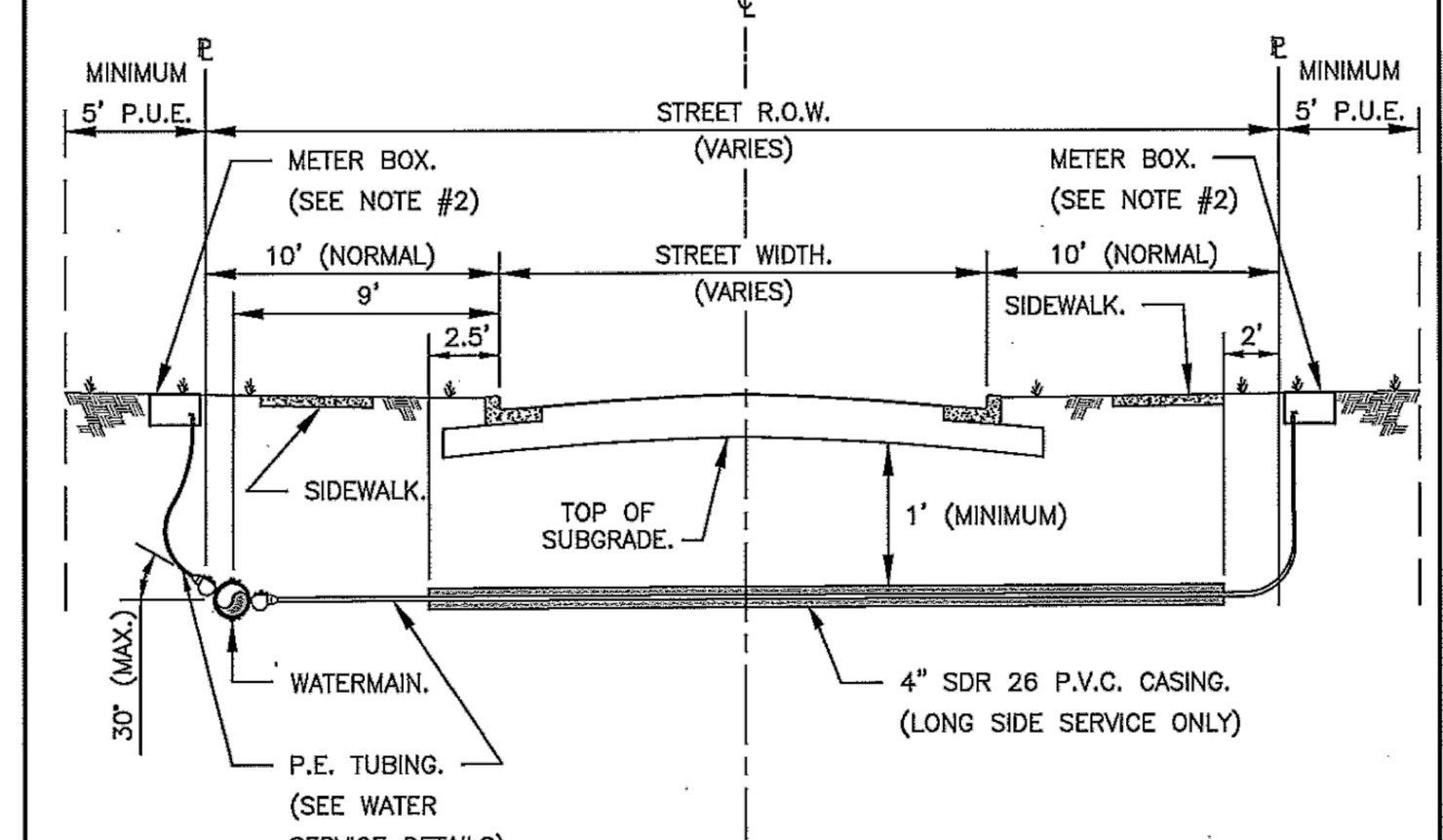
APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — CONCRETE TRENCH CAP DETAIL	STANDARD UT 007



NOTES:

1. VALVE BOX SHALL BE AMERICAN FLOW CONTROL TRENCH ADAPTER OR APPROVED EQUAL HAVING AN ADJUSTABLE RANGE OF + OR – 6 INCHES FROM INSTALLED FINISH GRADE.
2. ACCEPTABLE GATE VALVES ARE:
   A. AMERICAN FLOW CONTROL – SERIES 2500
   B. MUELLER – 2360 SERIES
   C. CLOW

APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — TYPICAL VALVE SETTING	STANDARD UT 009



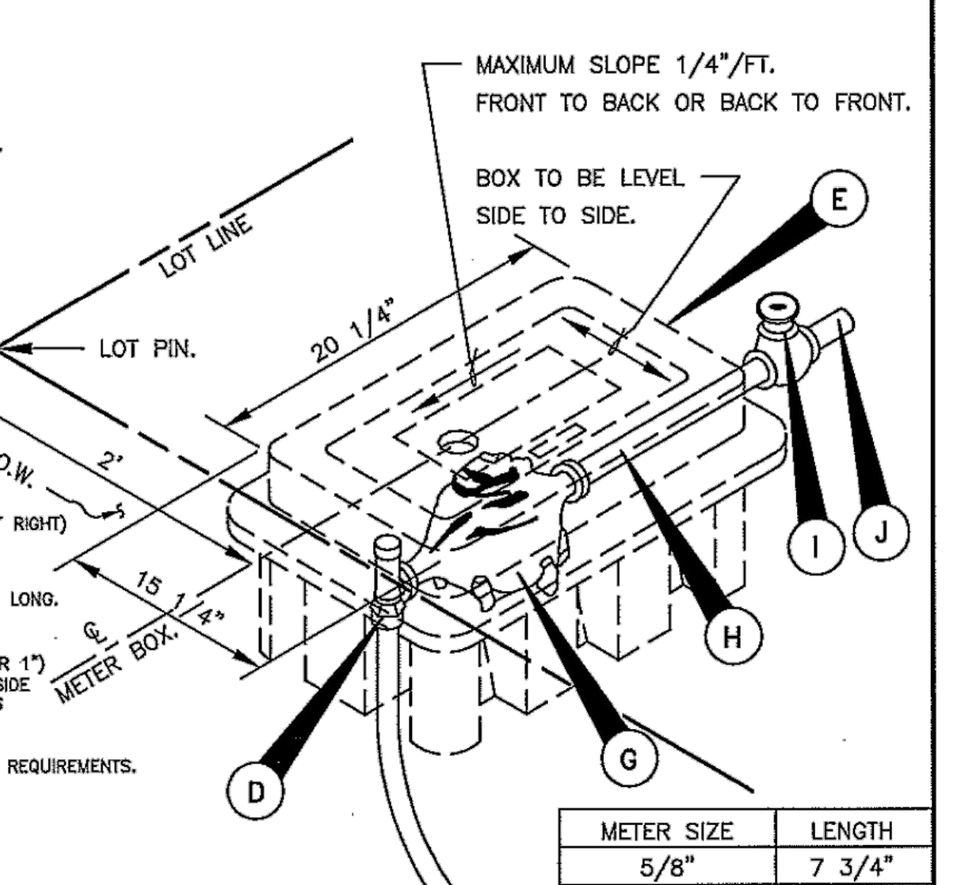
NOTE:

1. REFER TO "STANDARD INSTALLATION DETAIL FOR ONE OR TWO METERS" FOR SERVICE SPECIFICS.
2. METER BOXES SHALL BE SET AS CLOSE TO R.O.W. (ℙ) AS POSSIBLE, WITH NO PART OF BOX WITHIN R.O.W. METER BOXES SHALL BE LEVEL FROM SIDE TO SIDE AND NO MORE THAN 1/4"/FT. SLOPE FROM FRONT TO BACK (OR BACK TO FRONT). GRADING IN P.U.E. AROUND METER BOX SHALL BE 3:1 MAXIMUM AND SHALL BLEND TO OTHER UTILITY APPURTENANCES WITHOUT ABRUPT ELEVATION CHANGES.

APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — WATER SERVICE CASING DETAIL	STANDARD UT 010

MATERIAL LIST

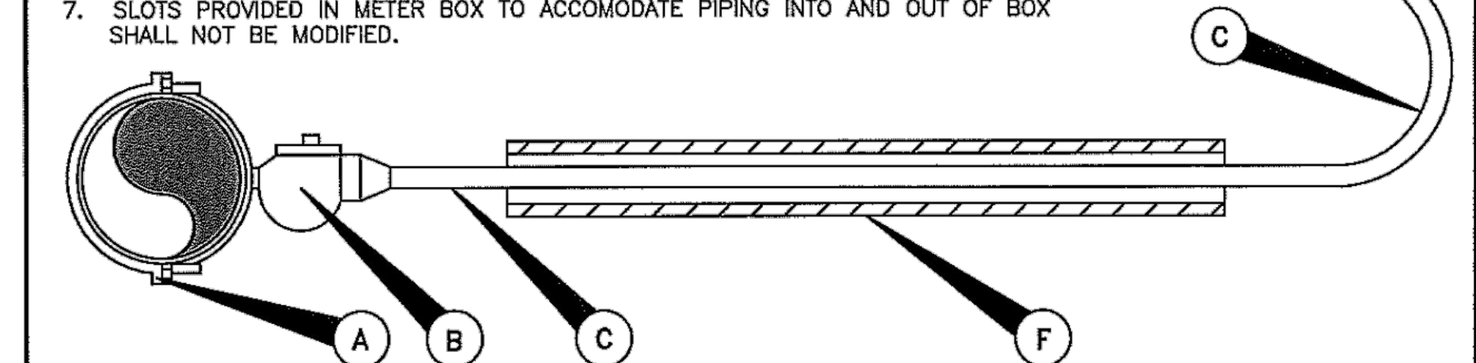
A. SERVICE CLAMP REQUIRED.
B. 1" CORPORATION STOP — SERVICE PIPE OUTLET.
C. 1" SERVICE PIPE.
D. LOCKING ANGLE METER STOP; SERVICE PIPE INLET X SWIVEL COUPLING NUT OUTLET:
   – FOR 5/8" AND 3/4" METERS: 1" x 3/4"
   – FOR 1" METERS: 1" x 1"
E. PLASTIC RECTANGULAR METER BOX. (SEE NOTE #5)
F. PIPE CASING WHERE APPLICABLE. (SEE SEPARATE DETAIL)
   NOTE: G THRU J TO BE INSTALLED UNDER SEPARATE BUILDING PERMIT.
G. WATER METER, CENTERED IN BOX. (SEE TABLE AT RIGHT)
H. WATER METER COUPLING; MALE I.P.T. X SWIVEL COUPLING NUT:
   – FOR 5/8" AND 3/4" METERS: 3/4" x 8 1/2" LONG.
   – FOR 1" METERS: 1" x 8 1/2" LONG.
I. BRONZE GATE VALVE; NON-RISING STEM (3/4" OR 1") FEMALE I.P.T. (PROPERTY OWNERS CUT-OFF OUTSIDE METER BOX IN SEPARATE VALVE CAN WITH LID AS PER CITY STANDARDS).
J. 3/4" OR 1" PIPE MEETING CITY PLUMBING CODE REQUIREMENTS.



METER SIZE	LENGTH
5/8"	7 3/4"
3/4"	9"
1"	11"

NOTES:

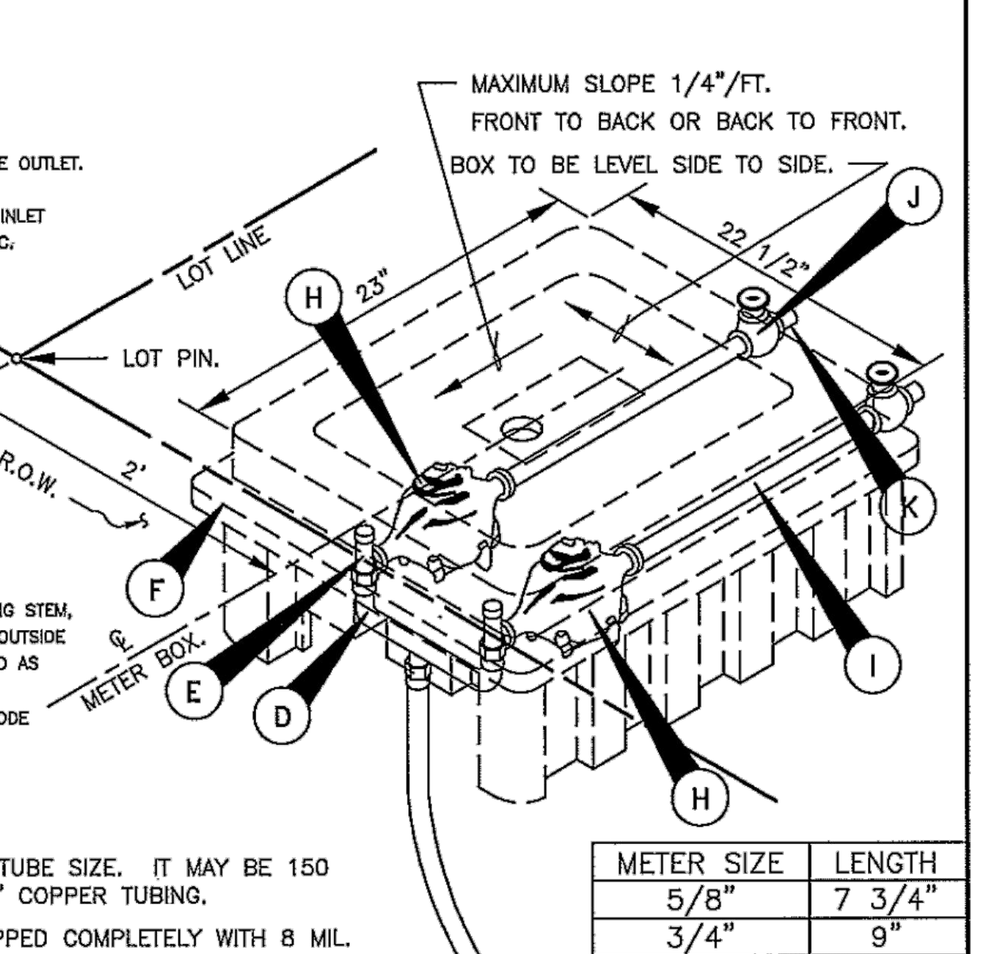
1. SERVICE PIPE SHALL BE COPPER TUBE SIZE. IT MAY BE 150 PSI ANNEALED SEAMLESS TYPE "K" COPPER TUBING.
2. SERVICE SADDLES SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM.
3. TOP OF BOXES SHALL BE 1" ABOVE FINISHED GRADE.
4. PIPING AND TUBING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 510.3 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS CALLED TO "PIPE BEDDING ENVELOPE" AND "BACKFILLING", SECTIONS 510.3 (14) AND 510.3 (25), RESPECTIVELY.
5. METER BOX TO BE MODEL DFW–3612 BY DFW ROTEC, INC. OR APPROVED EQUAL . PROVIDE BLACK–PAINTED METAL LID WITH METER READER.
6. AXIS OF METER ASSEMBLY (METER STOP, METER, PIPING AND OWNERS CUTOFF) SHALL BE 10" BELOW TOP OF BOX.
7. SLOTS PROVIDED IN METER BOX TO ACCOMODATE PIPING INTO AND OUT OF BOX SHALL NOT BE MODIFIED.



DRAWN BY: PM	DATE: 01/29/2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — SINGLE 5/8", 3/4" OR 1" WATER METER DETAIL	STANDARD UT 011
APPROVED BY: CS	DATE: –		
REVISION NO.:	FILE NAME:		
REVISED BY:	DATE:		

MATERIAL LIST

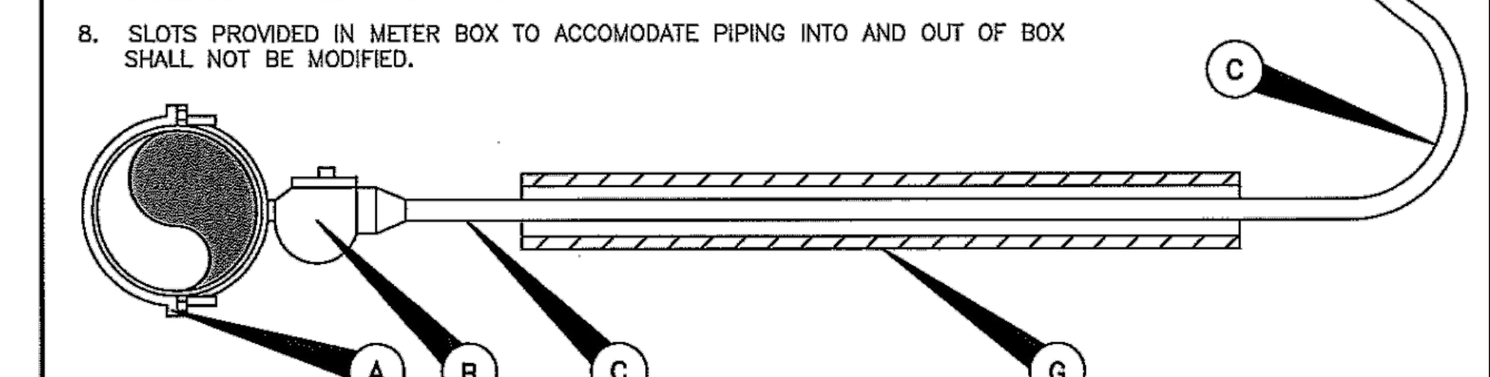
A. SERVICE CLAMP REQUIRED.
B. 1 1/2" CORPORATION STOP — SERVICE PIPE OUTLET.
C. 1 1/2" SERVICE PIPE.
D. BRANCH CONNECTION: 1 1/2" SERVICE PIPE INLET AND 2 3/4" MALE I.P.T. OUTLETS 7 1/2" O.C.
E. 3/4" LOCKING ANGLE METER STOP; FEMALE I.P.T. INLET AND SWIVEL COUPLING NUT OUTLET.
F. PLASTIC RECTANGULAR METER BOX. (SEE NOTE #6)
G. PIPE CASING WHERE APPLICABLE. (SEE SEPARATE DETAIL)
   NOTE: H THRU K TO BE INSTALLED UNDER SEPARATE BUILDING PERMIT.
H. WATER METERS, CENTERED IN BOX. (SEE TABLE AT RIGHT)
I. WATER METER COUPLING: 3/4" X 8 1/2" MALE I.P.T. X SWIVEL COUPLING NUT.
J. 3/4" OR 1" BRONZE GATE VALVE: NON-RISING STEM, FEMALE I.P.T. (PROPERTY OWNERS CUT-OFF OUTSIDE METER BOX IN SEPARATE VALVE CAN WITH LID AS PER CITY STANDARDS)
K. 3/4" OR 1" PIPE MEETING CITY PLUMBING CODE REQUIREMENTS.



METER SIZE	LENGTH
5/8"	7 3/4"
3/4"	9"

NOTES:

1. SERVICE PIPE SHALL BE COPPER TUBE SIZE. IT MAY BE 150 PSI ANNEALED SEAMLESS TYPE "K" COPPER TUBING.
2. SERVICE SADDLES SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM.
3. TOP OF BOXES SHALL BE 1" ABOVE FINISHED GRADE.
4. BRANCH CONNECTION AND BOTH ANGLE METER STOPS MUST BE INSTALLED PRIOR TO FIRST METER INSTALLATION EVEN THOUGH, THE SECOND PROPERTY MAY NOT BE READY FOR SERVICE.
5. PIPING AND TUBING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 510.3 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS CALLED TO "PIPE BEDDING ENVELOPE" AND "BACKFILLING", SECTIONS 510.3 (14) AND 510.3 (25), RESPECTIVELY.
6. METER BOX TO BE MODEL DFW–3812 BY DFW ROTEC, INC. OR APPROVED EQUAL. PROVIDE BLACK–PAINTED METAL LID WITH METER READER.
7. AXIS OF METER ASSEMBLY (METER STOP, METER, PIPING AND OWNERS CUTOFF) SHALL BE 10" BELOW TOP OF BOX.
8. SLOTS PROVIDED IN METER BOX TO ACCOMODATE PIPING INTO AND OUT OF BOX SHALL NOT BE MODIFIED.



APPROVED BY: CS	DATE: JULY 2009	CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS — DOUBLE 5/8" OR 3/4" WATER METERS DETAIL	STANDARD UT 013

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

WATER DETAILS (1 OF 2)

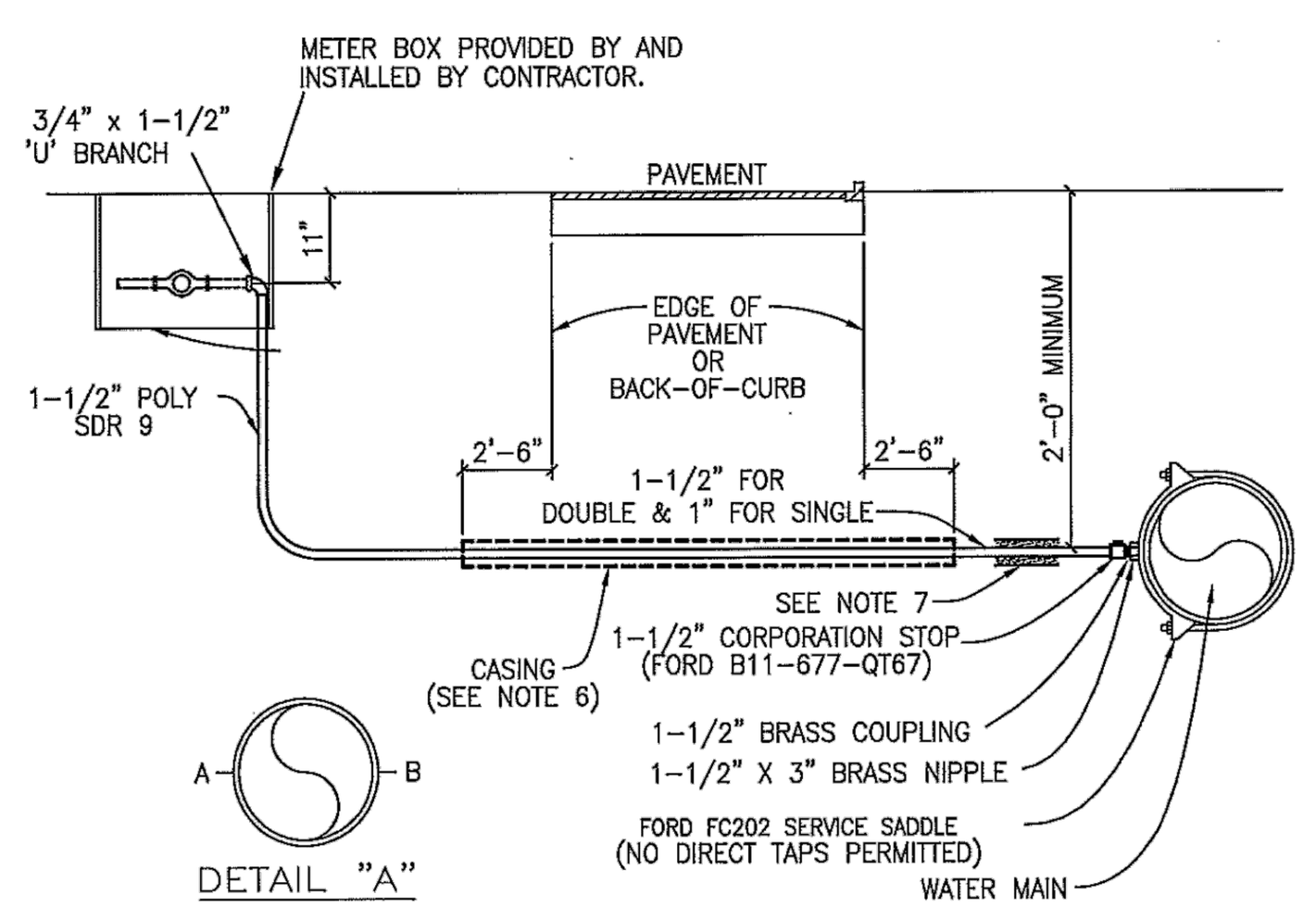
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
99 OF 108

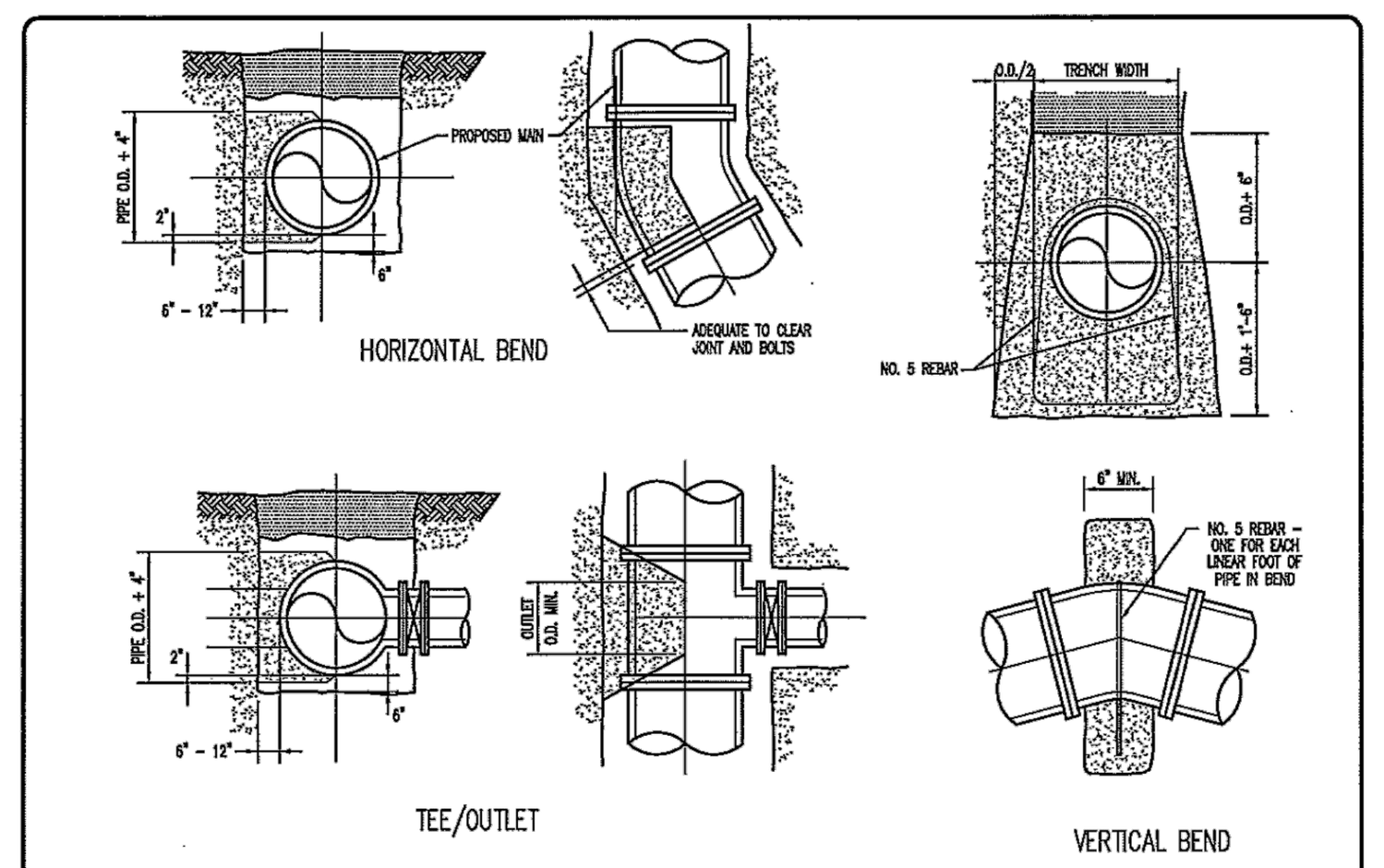
Plotted By: Hansen, Matthew Date: October 16, 2020 04:24:33pm File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By: Hansen, Matthew Date: October 16, 2020 04:24:38pm File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Water Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NOTES:
1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" OFFSET AND AT THE CENTERLINE AS SHOWN ON DETAIL "A".
2. WHERE NO SIDEWALK EXISTS, METER BOXES SHALL BE SET TO CONFORM TO FINISHED GRADE.
3. AUTHORIZED SERVICE LINE MATERIAL: TYPE 'K' COPPER OR POLY SDR 9.
4. SERVICE LINES SHALL BE CONTINUOUS FROM CORPORATION STOP TO CORPORATION STOP WITH NO FITTINGS IN BETWEEN.
5. SERVICE CASING SHALL NOT BE INSTALLED BY WATER JETTING UNDER ROADWAY.
6. CASING REQUIRED FOR ALL PAVEMENT CROSSINGS. 4" SDR-26 REQUIRED FOR OPEN-CUT. STEEL CASING PIPE REQUIRED FOR JACK AND BORE. LIMITS OF CASING SHOULD EXTEND SIX FEET BEYOND THE EDGE OF PAVEMENT OR BACK-OF-CURB WHERE REASONABLE WITH 2.5' MINIMUM.
7. THERE SHALL BE A 6" ENVELOPE OF 3/8" ROCK AROUND ALL SERVICE PIPE.
8. ANY VARIATIONS ON FITTINGS MUST BE APPROVED BY THE CITY ENGINEER.
9. SINGLE METER BOX AND LID – HUGHES SUPPLY PART NO. D12-BAMR, OR APPROVED EQUAL. DOUBLE METER BOX – HUGHES SUPPLY PART NO. D1500-DUB/O, LID – D15-BAMRL, OR APP. EQUAL.

APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | TYPICAL WATER SERVICE - ELEVATION | STANDARD UT 014



THRUST BLOCK DESIGN AS FOLLOWS:
A. PRESSURE OF 150 P.S.I. (ACTUAL IF HIGHER) + 50% SURGE ALLOWANCE
B. MAXIMUM SOIL BEARING:

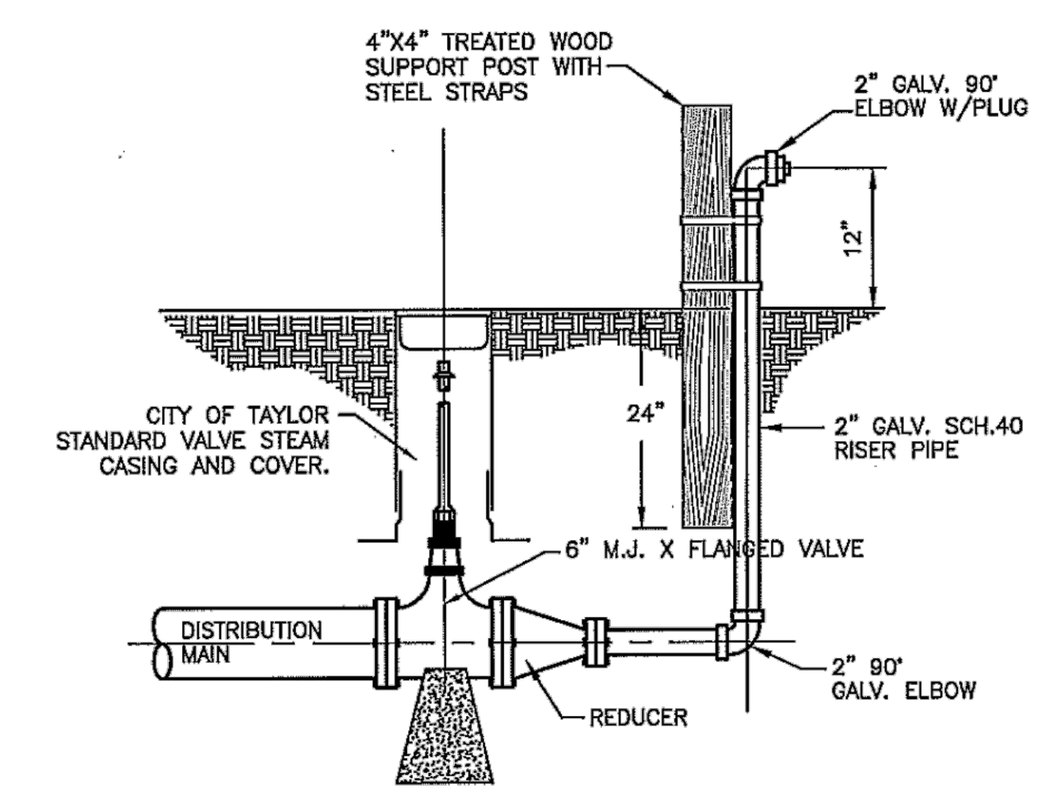
SOIL TYPE	PRESSURE
LIMESTONE	4000 LBS./SQ. FT.
UNDISTURBED SOIL, CALICHE	2000 LBS./SQ. FT.
LOOSE OR SPONGY SOIL	1500 LBS./SQ. FT.

CONCRETE THRUST BLOCKING SCHEDULE **

PIPE SIZE (INCHES)	THRUST (POUNDS)	AREA REQUIRED (SQUARE FEET) BEARING AGAINST TRENCH WALL FOR PRESSURE PIPE						
		TEES AND PLUGS	BENDS					
			90°	45°	22-1/2°	11-1/4°	5°	1°
4	2.513	1.00	1.00	0.50	0.50	N/A	N/A	N/A
6	5.655	1.41	2.00	1.08	1.00	0.50	N/A	N/A
8	10.053	2.51	3.55	1.92	1.00	0.50	0.50	N/A
12	22.619	5.65	8.00	4.33	2.21	1.11	0.50	N/A
16	40.212	10.05	14.22	7.69	3.92	1.97	1.00	N/A
24	90.478	22.62	31.99	17.31	8.83	4.43	1.97	0.50
30	141.372	35.34	49.98	27.05	13.79	6.93	3.08	1.00
36	203.575	50.89	71.97	38.95	19.86	9.98	4.44	1.00
42	277.088	69.27	97.97	53.02	27.03	13.58	6.04	1.21
48	361.911	90.48	127.95	69.29	35.30	17,74	7.89	1.58
54	458.044	114.51	161.94	87.64	44.68	22.45	9.99	2.00

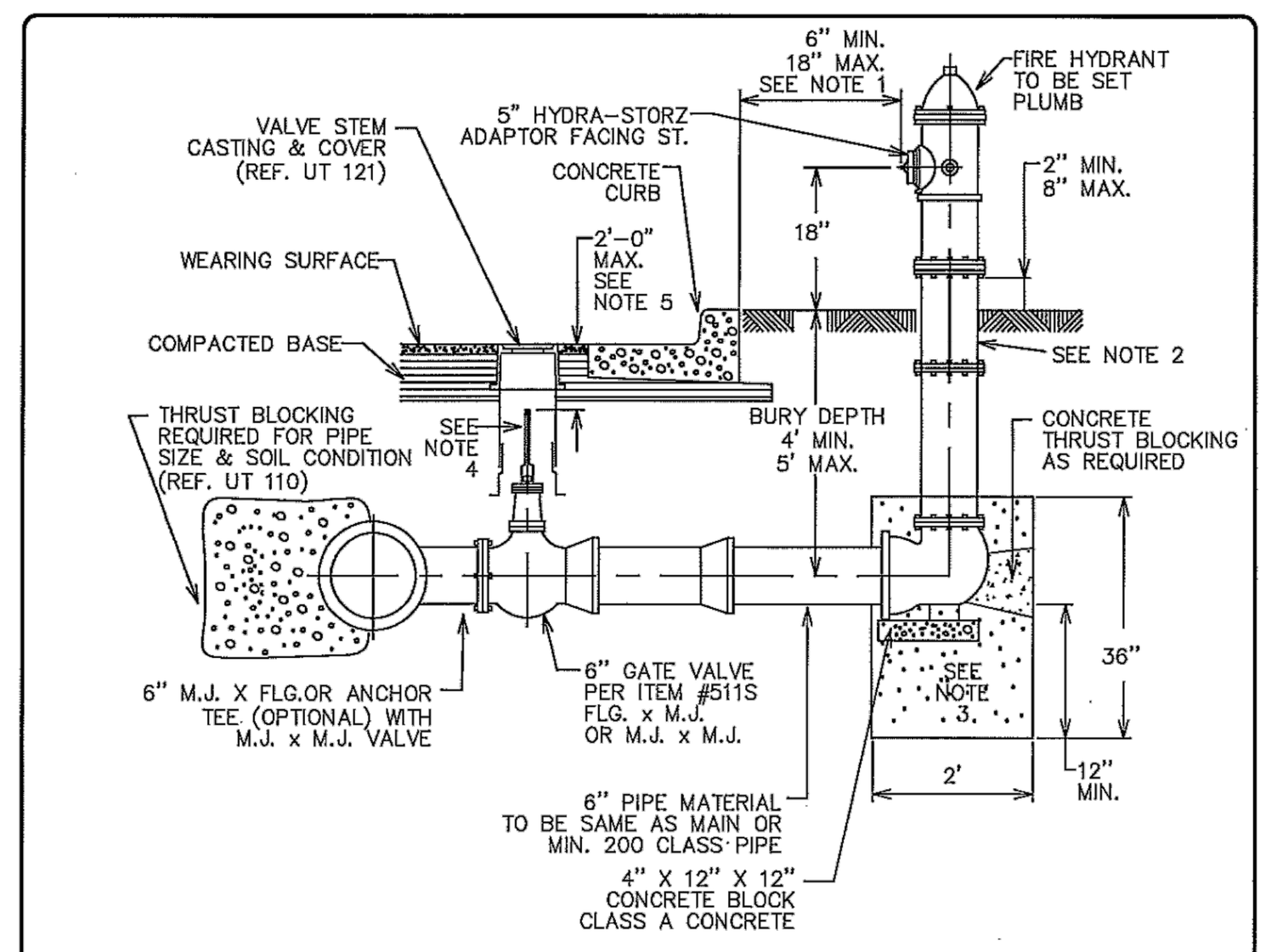
** BASED ON A 4,000 P.S.F. SOIL BEARING CAPACITY AND A 200 P.S.I. MAX. LINE PRESSURE INCREASE AND DECREASE BEARING AREA IN ACCORDANCE WITH THE BEARING STRENGTH OF SOIL AS DESCRIBED IN SCHEDULE.

APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | CONCRETE THRUST BLOCKING | STANDARD UT 015



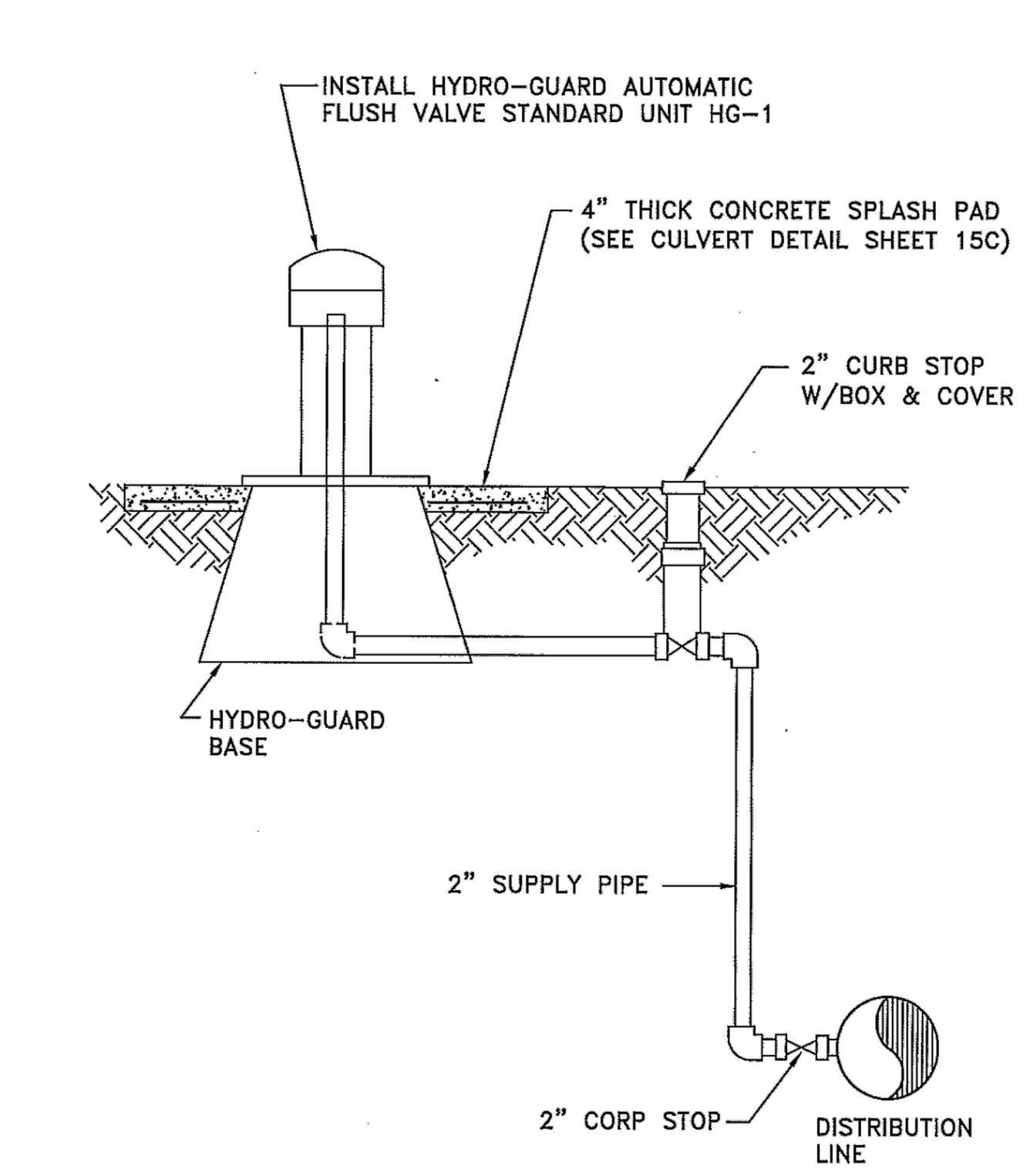
FLUSHING VALVE DETAIL
(FOR PERMANENT DEAD END LINES, USE 2" BALL VALVE – FORD OR EQUAL)

APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | FLUSHING VALVE DETAIL | STANDARD UT 016

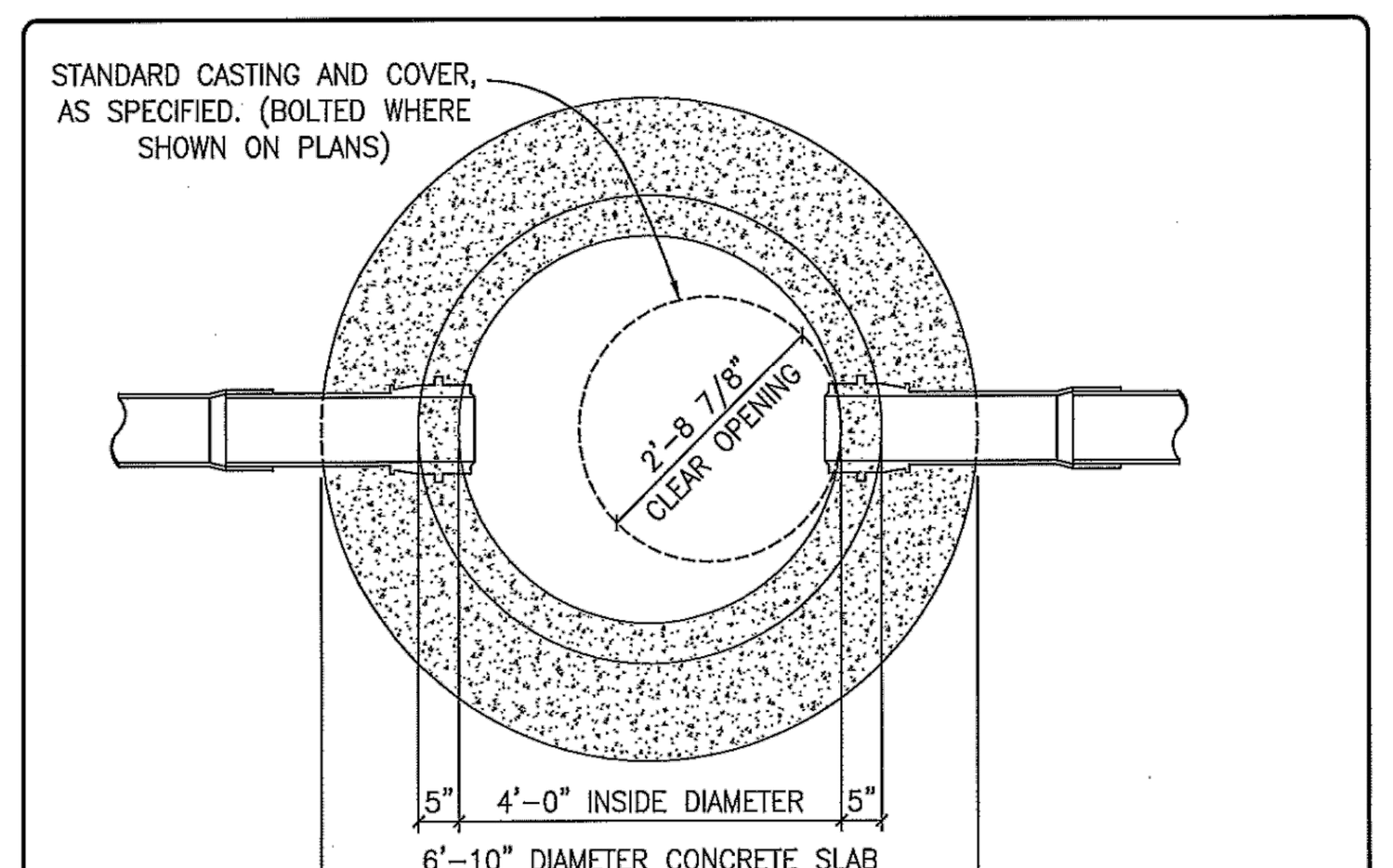


NOTES:
1. DIMENSIONS ARE APPLICABLE IN SPACE BETWEEN CURB AND SIDEWALK. WHERE WALK ABUTS CURB, AND IN PUBLIC OR COMMERCIAL AREAS, DIMENSION FROM BACK OF CURB SHALL BE 3' TO 6'. HYDRANTS ARE NOT TO BE PLACED IN SIDEWALK OR RAMP AREAS. SEE CITY OF TAYLOR STANDARD SPECIFICATIONS FOR LOCATION OF HYDRANT.
2. FOR BURY DEPTHS GREATER THAN 5', ONE BARREL EXTENSION NOT EXCEEDING 2' LENGTH SHALL BE INSTALLED DIRECTLY BELOW THE FIRE HYDRANT.
3. CRUSHED STONE OR GRAVEL SHALL BE PLACED AROUND THE BOTTOM OF THE HYDRANT FOR A RADIUS OF AT LEAST 12" AND EXTEND AT LEAST 12" ABOVE THE OUTLET. DO NOT BLOCK DRAIN HOLES.
4. WELD SOCKET 2½" X 2" DEEP TO 1" SCH. 40 ROUND STEM EXTENSION, FITTED ON OPERATING NUT, SCH. 80 FOR LENGTHS OVER 10'.
5. VALVE EXTENSIONS ARE REQUIRED ON ALL VALVES THAT EXCEED 3' DEEP FROM FINISHED GRADE. VALVE EXTENSIONS SHALL BE PLACED SUCH THAT THE EXTENSION NUT IS BETWEEN 18" & 24" FROM FINISHED GRADE.
6. HYDRANTS ARE TO BE PAINTED BY MANUFACTURER IN THE COLOR SILVER.
7. HYDRANTS ARE TO BE MUELLER "CENTURION" OR EQUIVALENT, CAPS AND CHAINS ARE TO BE SUPPLIED WITH HYDRANTS.
8. CENTER STORZ CAP TO INCORPORATE A CENTER PENTAGON.

APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD FIRE HYDRANT | STANDARD UT 018



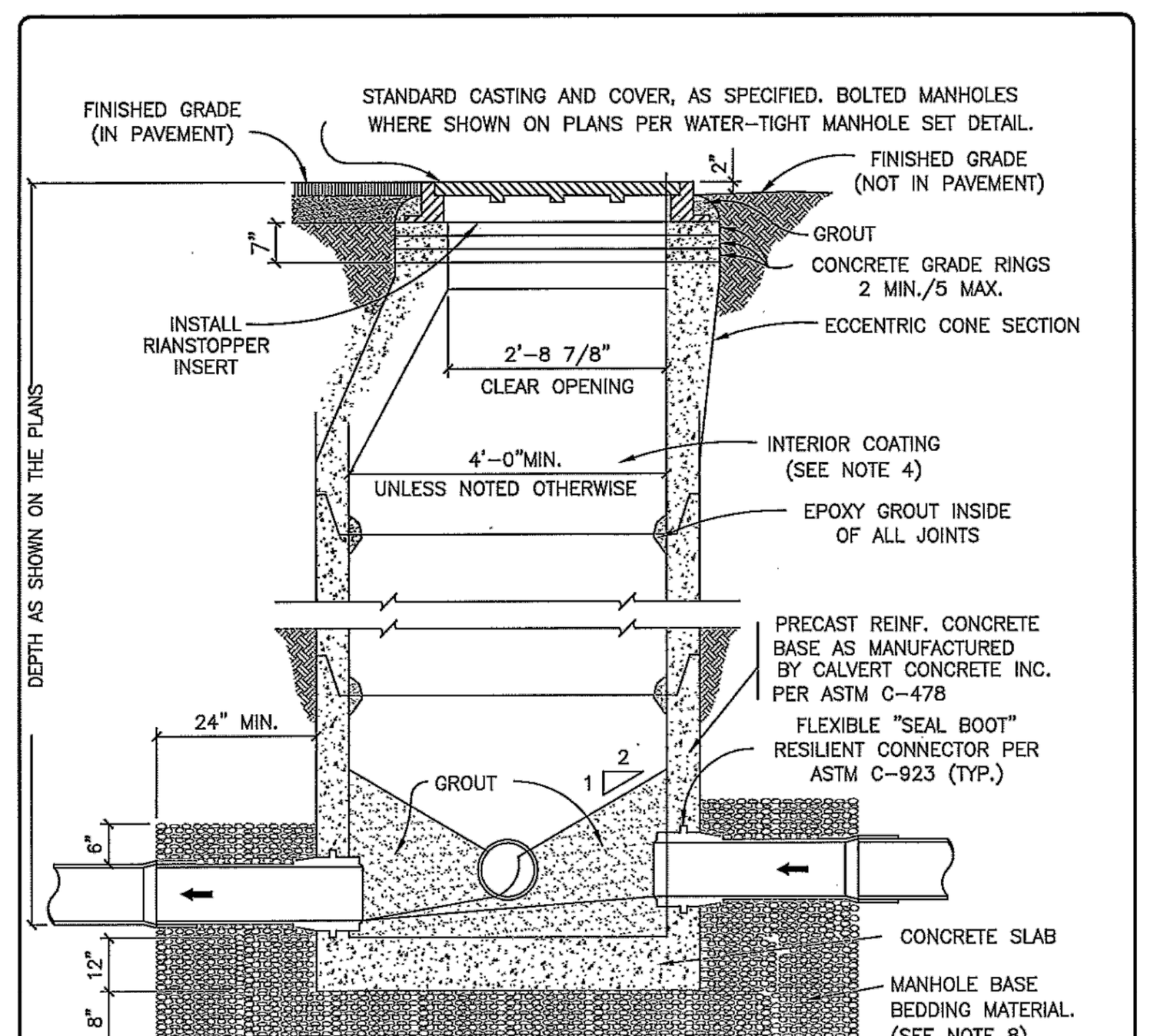
APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | AUTOMATIC FLUSHING VALVE | STANDARD UT 019



MANHOLE PLAN

CITY OF TAYLOR NOTES:
MANHOLE DETAILS SHALL REFLECT THE CITY'S MINIMUM SPECIFICATIONS, AS STATED BELOW:
A. ALL MANHOLES SHALL BE 48" I.D., R.C.P., CLASS III, WITH RUBBER O-RING GASKET JOINTS CONFORMING TO ASTM C478, C433 AND C76.
B. ALL MANHOLES SHALL HAVE WATER-TIGHT FRAME AND COVER, WITH A MINIMUM 36" CLEAR OPENING, AS MANUFACTURED BY EAST JORDAN IRON WORKS (AS PER DETAIL # WW-07) OR APPROVED EQUAL.
C. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON FRAME AND COVER.
D. ALL MANHOLES SHALL HAVE AN ECCENTRIC CONE.
E. MANHOLES MAY HAVE A FLAT LID, IF APPROVED BY CITY OF TAYLOR, BEING 12" THICK WITH A MINIMUM 30" OPENING, AS MANUFACTURED BY CALVERT CONCRETE OR APPROVED EQUAL M.F.G. CONFORMING TO ASTM C478, 5000 P.S.I. CONCRETE, TRAFFIC BEARING, AND O-RING JOINT CONFORMING TO ASTM C443.
F. INVERTS AND FLEXIBLE SEAL BOOTS, PER ASTM C-923, SHALL BE CAST INTO BASE SECTION.
G. MINIMUM DROP BETWEEN INVERTS SHALL BE ONE-TENTH OF A FOOT (0.1').
H. TWO (2") INCH GRADE RINGS WITH AN I.D. TO MATCH FRAMES CLEAR OPENING, MINIMUM OF TWO (2), MAXIMUM OF FIVE (5) GRADE RINGS REQUIRED.

APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD MANHOLE - PLAN | STANDARD UT 200



NOTES:
1. MANHOLES SHALL BE PRECAST ASTM C-478 BELL AND SPIGOT WITH "O" RING JOINTS.
2. SEE PLANS AND MANHOLE SCHEDULE, FOR MANHOLE SIZE, LOCATION, CONFIGURATION, TYPE OF TOP SECTION, VENTING REQUIREMENTS, PIPE SIZE AND TYPES.
3. SEE SPECIFICATIONS ON MATERIALS AND CONSTRUCTION.
4. AN 80 MIL COAT OF RAVEN LINING SYSTEMS, RAVEN 405 ULTRA HIGH BUILD EPOXY COATING, OR APPROVED EQUAL, TO BE APPLIED TO ENTIRE INTERIOR OF EACH WASTEWATER MANHOLE AND UNDERSIDE OF FLAT TOPS.
5. ALL MANHOLE COVERS SHALL BE BOLTED AND GASKETTED WHEN MANHOLES ARE LOCATED OUT FROM PAVEMENT.
6. MANHOLES TO BE VENTED ARE IDENTIFIED ON MANHOLE SCHEDULE. REFERENCE MANHOLE VENT DETAIL.
7. MANHOLES ARE TO BE DESIGNED TO RESIST LATERAL AND VERTICAL SOIL FORCES RESULTING FROM MANHOLE DEPTH. ADDITIONALLY, MANHOLES LOCATED IN PAVEMENT TO BE DESIGNED FOR HS-20 TRAFFIC LOADS.
8. MANHOLE BASE BEDDING MATERIAL SPECS. FOR 3/4" WASHED GRAVEL:
SIEVE SIZE 2", PERCENT (%) RETAINED 0
SIEVE SIZE 1 1/2", % RETAINED 0-10
SIEVE SIZE 1", % RETAINED 45-80
SIEVE SIZE 3/4", % RETAINED 85-100
SIEVE SIZE 3/8", % RETAINED 95-100

APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD MANHOLE - SECTION | STANDARD UT 201

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED PROFESSIONAL ENGINEER
10/16/2020

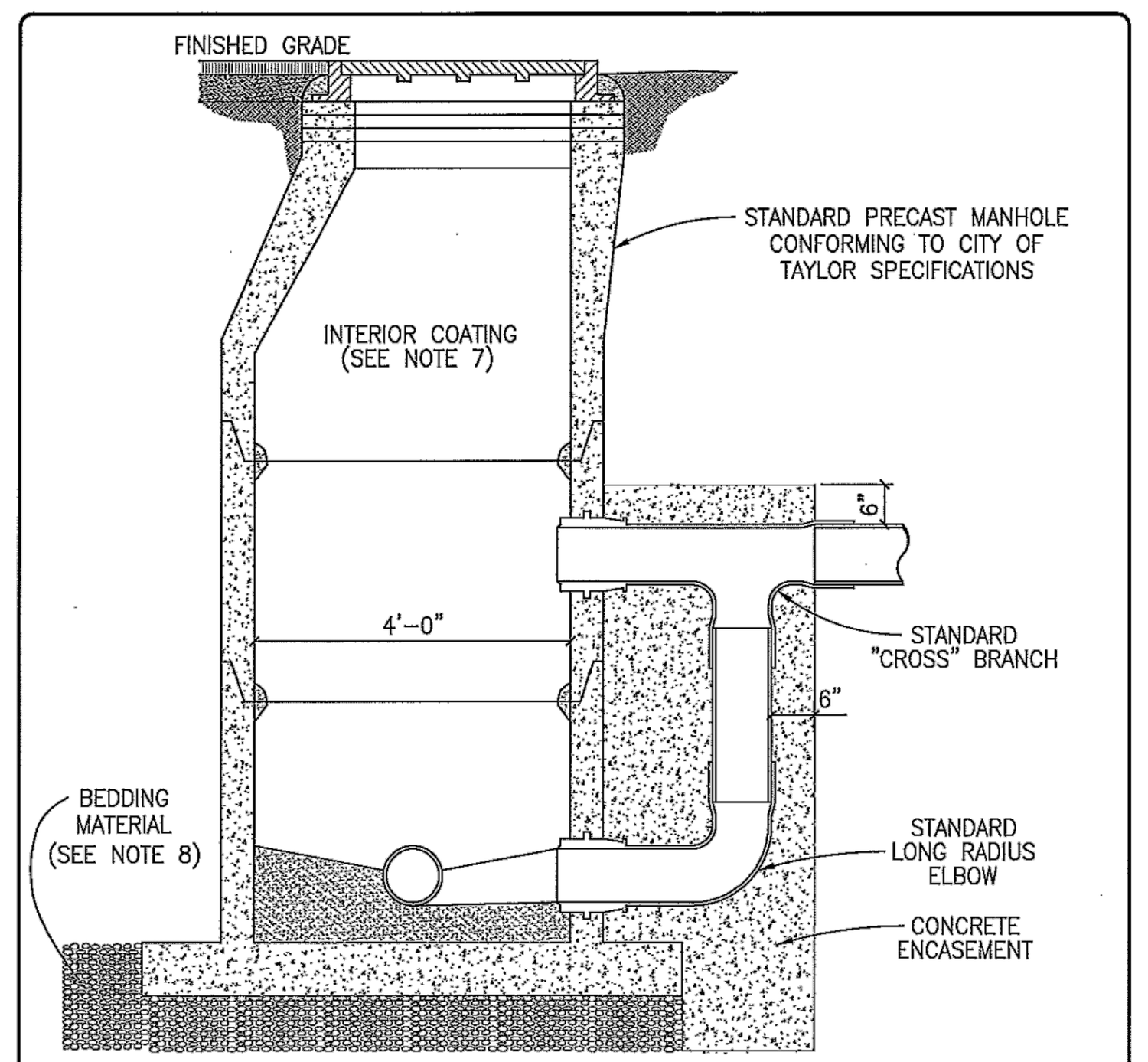
KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

WATER DETAILS (2 OF 2)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
100 OF 108

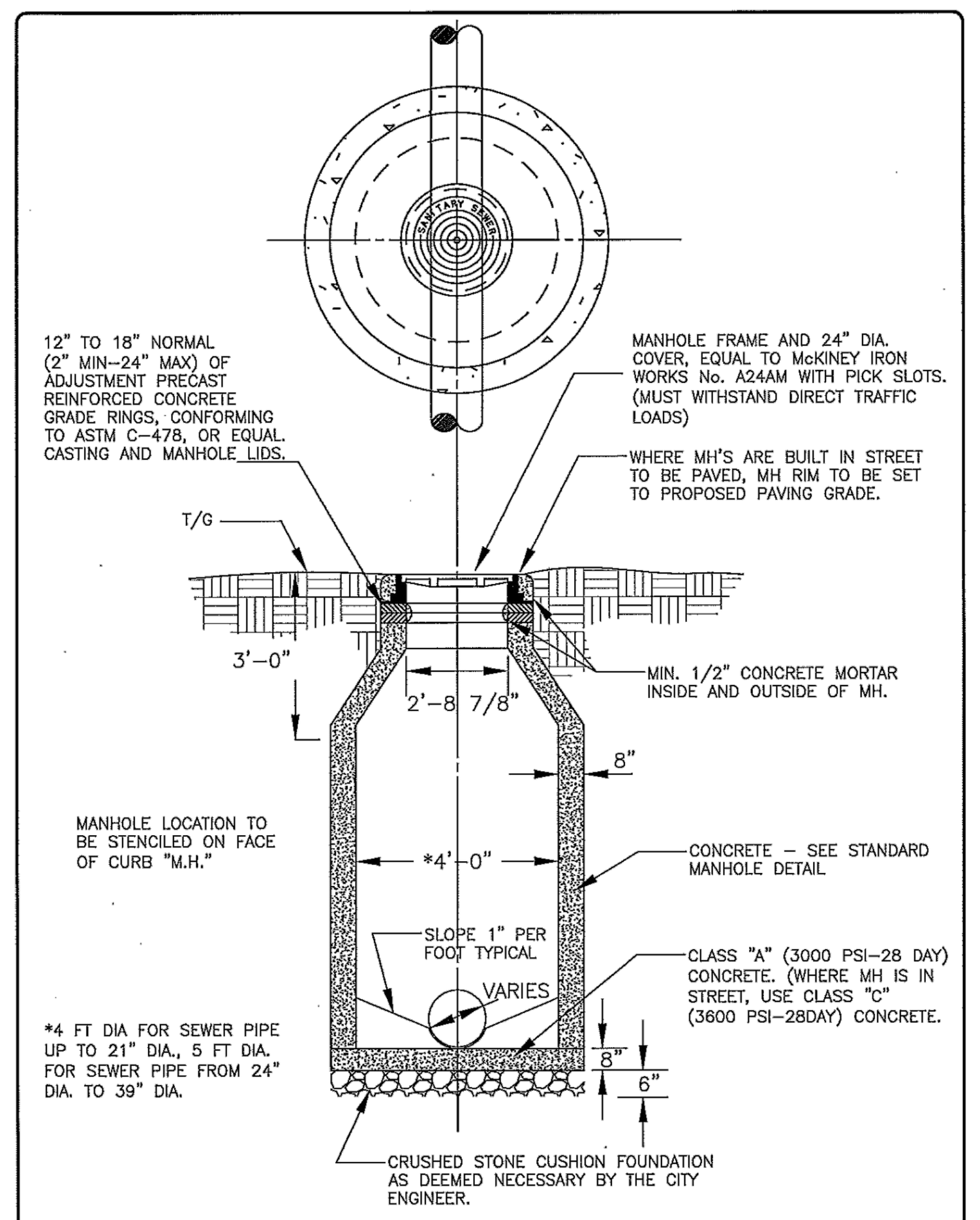
Plotted By: Buzzelli, William Date: March 17, 2021 04:06:48pm File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Wastewater Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



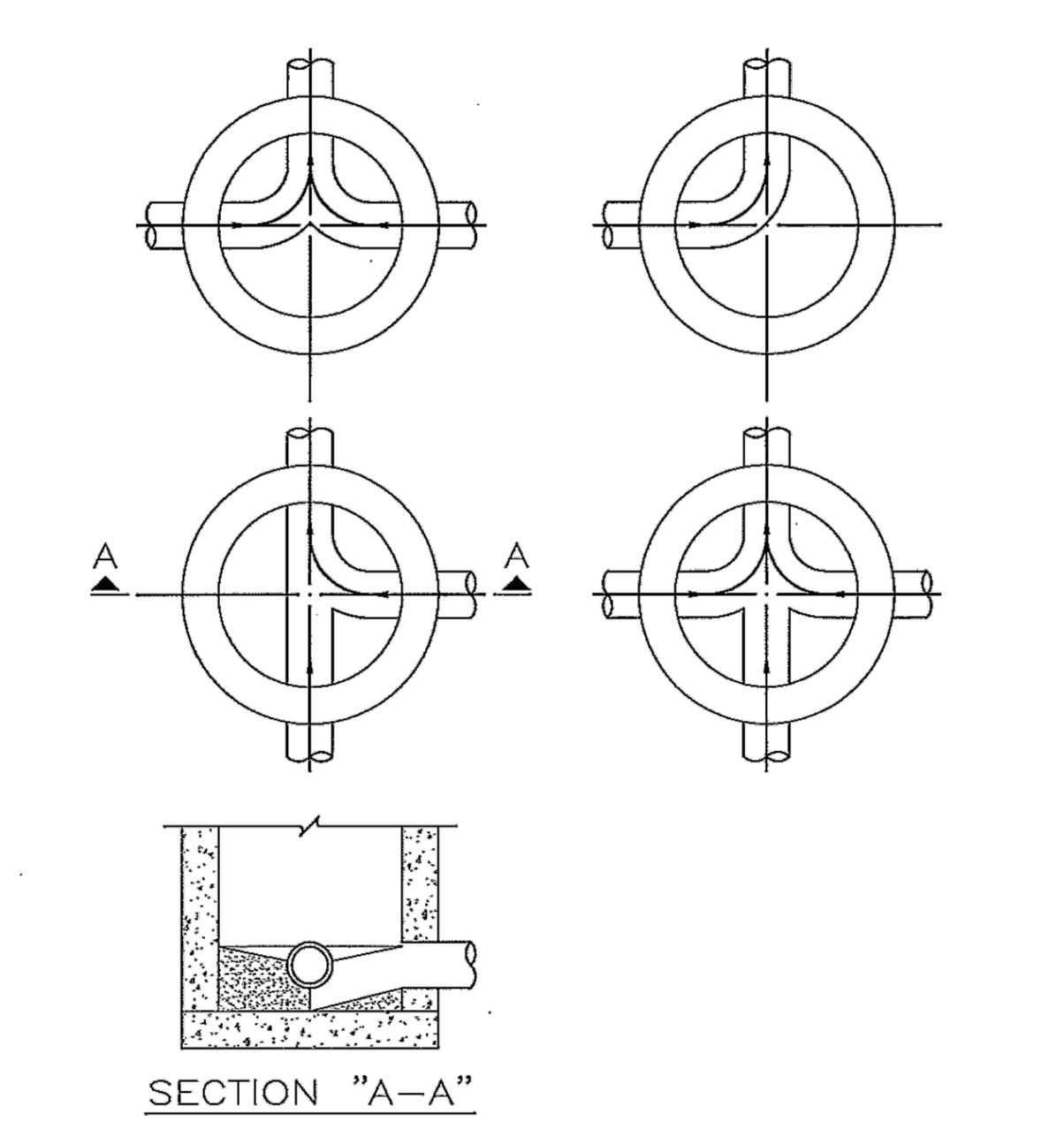
NOTES:

1. CONCRETE ENCASEMENT FOR DROP CONNECTION TO BE POURED INTEGRALLY WITH BOTH MANHOLE SLAB AND WALL.
2. DROP CONNECTIONS SHALL BE REQUIRED WHENEVER AN INFLUENT SEWER IS LOCATED TWO FEET (2') OR MORE ABOVE THE MAIN INVERT CHANNEL.
3. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO FLOW STREAM.
4. WHEN P.V.C. IS USED IN SANITARY SEWER LINES, SOLVENT TYPE JOINT P.V.C. FITTINGS MAY BE UTILIZED IN THE DROP ASSEMBLY ONLY.
5. MINIMUM PIPE SIZE FOR DROP IS EIGHT INCHES (8").
6. SEE STANDARD MANHOLE DETAIL FOR ADDITIONAL REQUIREMENTS.
7. AN 80 MIL COAT OF RAVEN LINING SYSTEMS, RAVEN 405 ULTRA HIGH BUILD EPOXY COATING, OR APPROVED EQUAL, TO BE APPLIED TO ENTIRE INTERIOR OF EACH WASTEWATER MANHOLE AND UNDERSIDE OF FLAT TOPS.
8. MANHOLE BASE BEDDING MATERIAL SPECS. FOR 3/4" WASHED GRAVEL:
   SIEVE SIZE 2", PERCENT (%) RETAINED 0
   SIEVE SIZE 1 1/2", % RETAINED 0-10
   SIEVE SIZE 1", % RETAINED 45-80
   SIEVE SIZE 3/4", % RETAINED 85-100
   SIEVE SIZE 3/8", % RETAINED 95-100

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | DROP CONNECTION PRECAST MANHOLE TYPE "A" | STANDARD UT 202



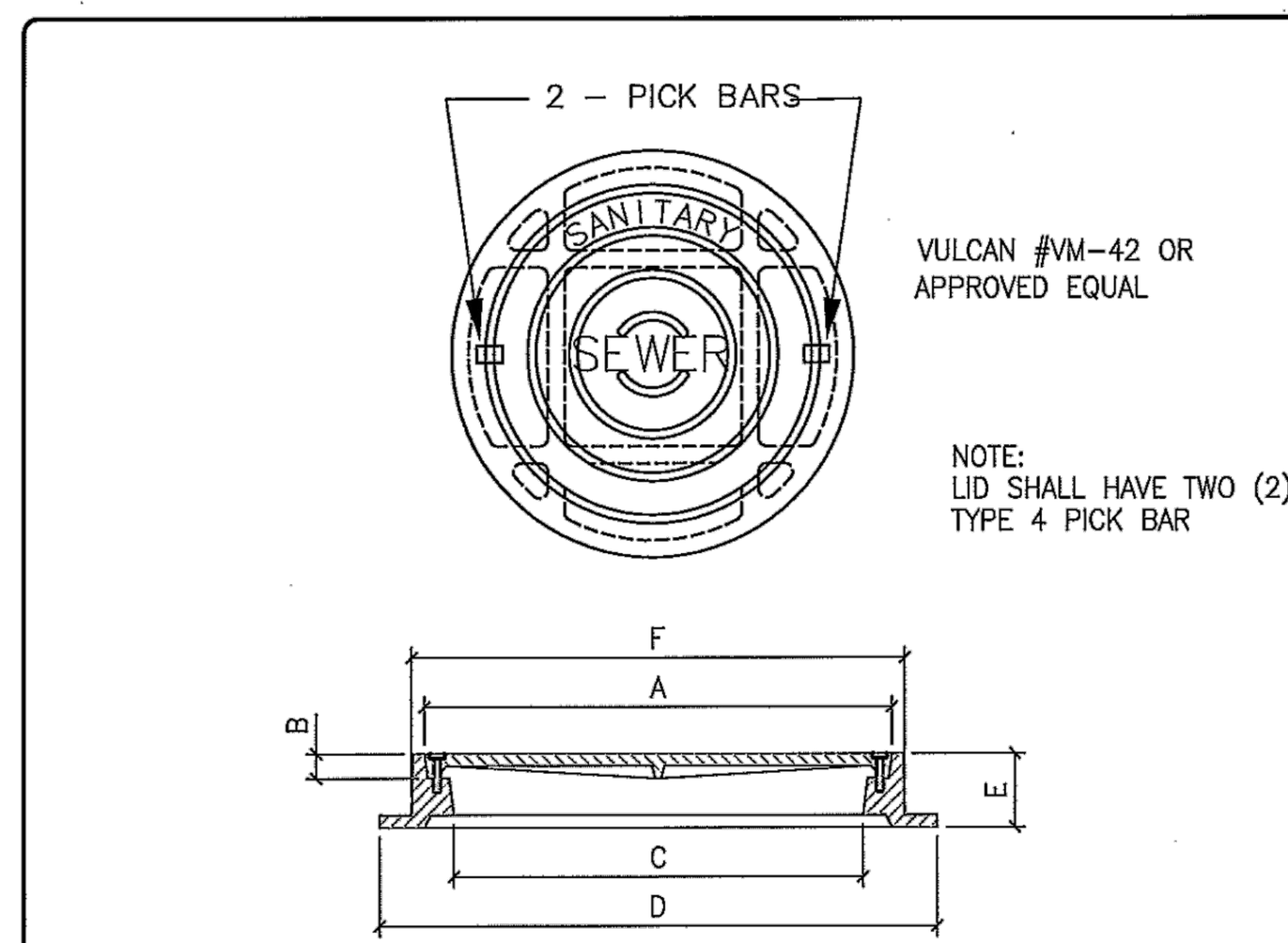
CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD CAST-IN-PLACE MANHOLE | STANDARD UT 203



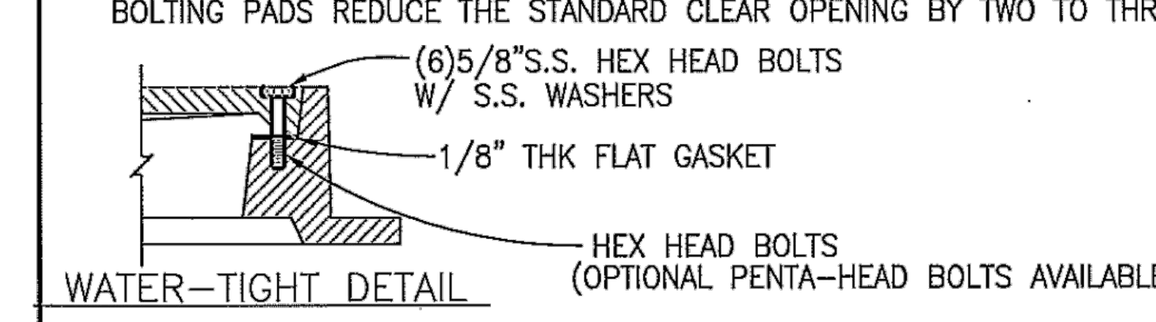
NOTES:

1. INVERT CHANNELS TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTIONS.
2. SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING FOR SMOOTH FLOW.
3. CHANNELS FOR FUTURE CONSTRUCTIONS (STUBS) SHALL BE CONSTRUCTED, FILLED WITH SAND, AND COVERED WITH 1" OF MORTAR.
4. SLOPE MANHOLE ITSELF WITH A 1:2 SLOPE FROM MANHOLE WALL TO CHANNEL.
5. INVERT SHALL BE A MINIMUM OF 1/2 THE DIAMETER OF THE LARGEST PIPE OR 4" DEEP.

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | FLOW PATTERNS FOR INVERT CHANNELS | STANDARD UT 204

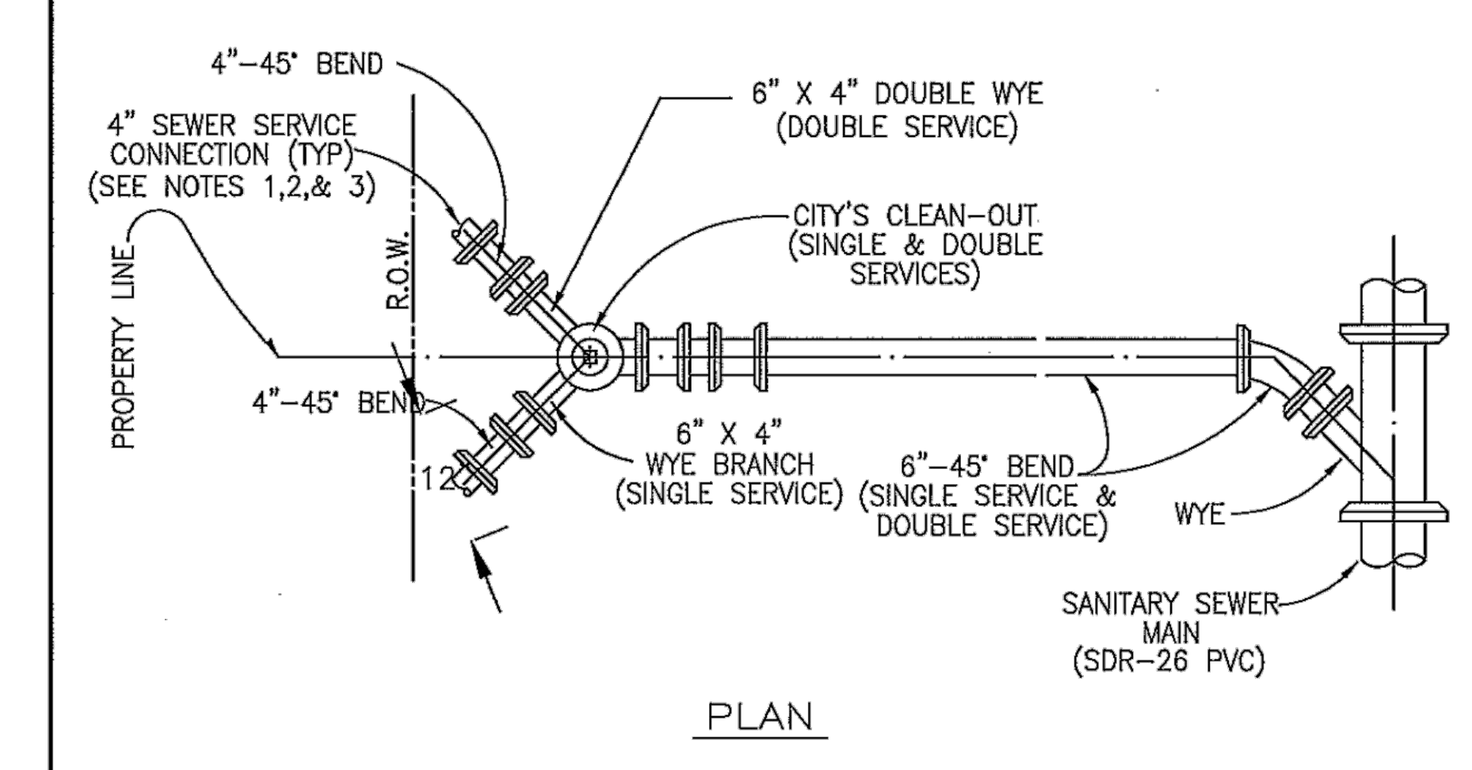


PLEASE SPECIFY TOP OR BOTTOM FLANGE WHEN ORDERING.
FOR TOP FLANGE ORDER No. V-1800-5 (East Jordan Iron Works, inc.)
FOR BOTTOM FLANGE ORDER No. V-1600-5 (East Jordan Iron Works, inc.)
THE WATER-TIGHT MANHOLE SETS (V-2600-5) FEATURE SIX STAINLESS STEEL BOLTS IN COUNTERSUNK POCKETS AND A SEALING FLAT GASKET IN THE RING SET.
BOLTING PADS REDUCE THE STANDARD CLEAR OPENING BY TWO TO THREE INCHES.



	DIMENSIONS						COVER		RING		SET
	A	B	C	D	E	F	CASTING	WEIGHT	CASTING	WEIGHT	WEIGHT
V-1600-5	38	2	36	46	6	40	41600523	365 LBS	41600510	320 LBS	685 LBS
V-1800-5	38	2	36	46	6	40	41600523	365 LBS	41600510	320 LBS	685 LBS
V-2600-5	38	2	36	46	6	40	42600523	365 LBS	41600511	320 LBS	685 LBS

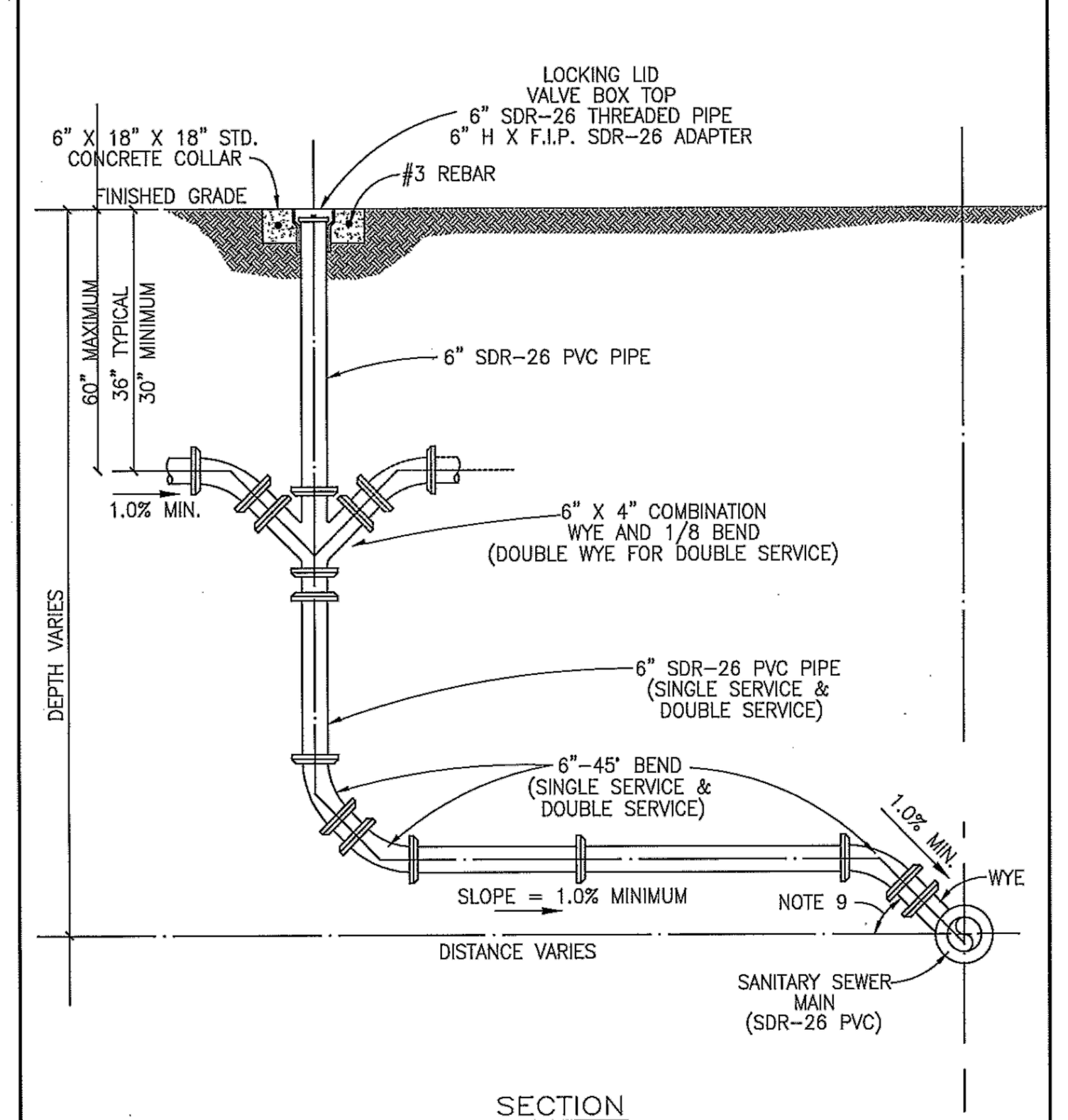
CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD WASTEWATER MANHOLE SET | STANDARD UT 205



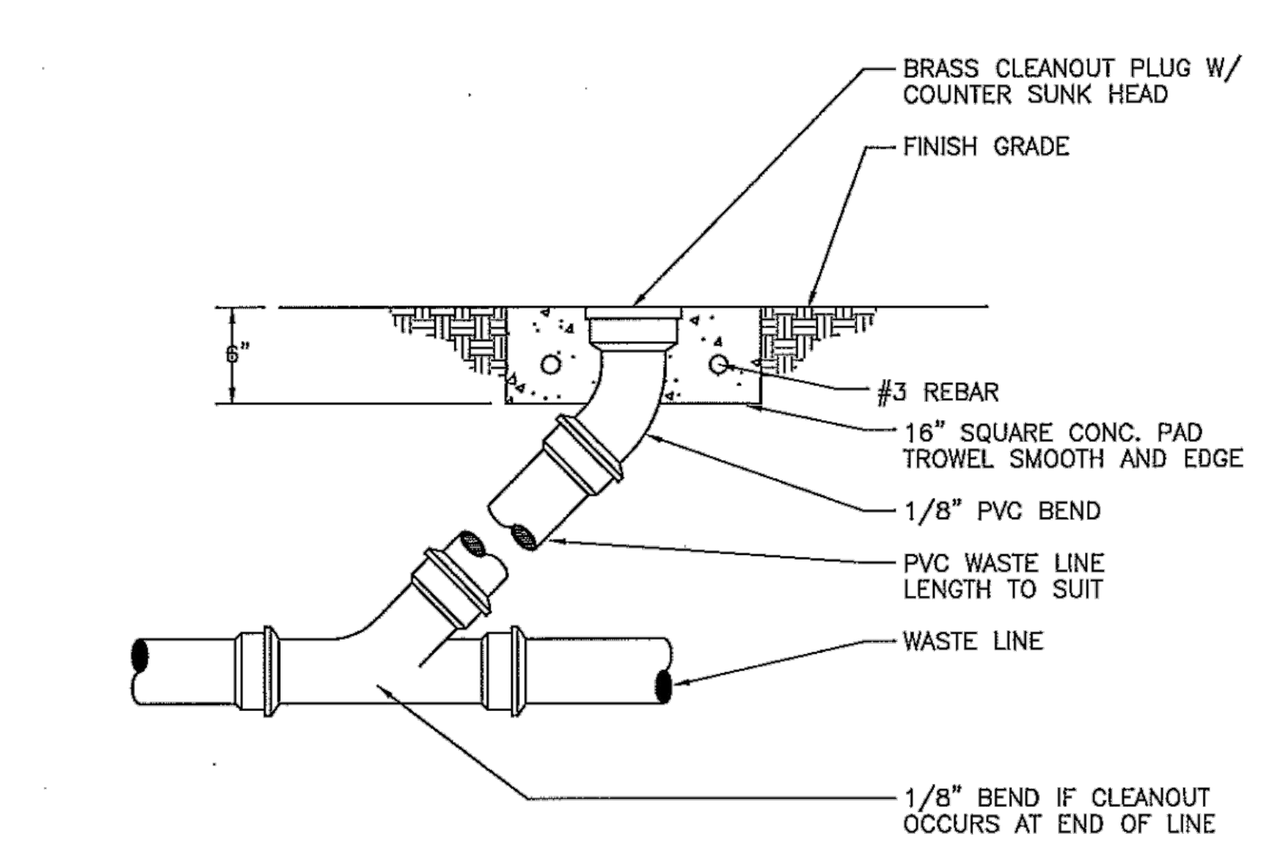
NOTES:

1. FOR INSTALLATION WITHIN UTILITY EASEMENTS, SERVICE CONNECTION RISERS MAY BE LOCATED INSIDE THE PROPERTY LINE.
2. ~~THE CLEAN-OUT SHALL BE EXTENDED 12" ABOVE FINISH GRADE.~~
3. EACH SERVICE CONNECTION SHALL BE PLUGGED WATER-TIGHT WITH AN APPROVED CAP OR PLUG.
4. CONNECT YARD LINE TO SERVICE LINE WITH RIGID, SOLVENT-WELDED PVC TO PVC ADAPTER.
5. SOLIDLY TAMP BACKFILL AT LEAST ONE FOOT (1'-0") ABOVE TOP OF PIPE. SERVICES UNDER PAVED AREAS SHALL BE BACKFILLED TO THE SAME SPECIFICATIONS AS SHOWN ON PAVEMENT REPLACEMENT DETAIL.
6. CONTRACTOR SHALL MARK ON A CLEAN SET OF PLANS THE FINAL STATIONING OR DISTANCE AND DIRECTION FROM MANHOLE TO EACH SERVICE LATERAL AND GIVE TO ENGINEER FOR RECORD DRAWING PURPOSES.
7. ANY DEVIATION FROM THESE METHODS MUST BE APPROVED BY THE CITY ENGINEERING DEPARTMENT.
8. SERVICE LINE MATERIAL SHALL BE P.V.C., SDR-26.
9. SEWER SERVICE SLOPE TO BE 45° OFF CENTERLINE OF MAIN.

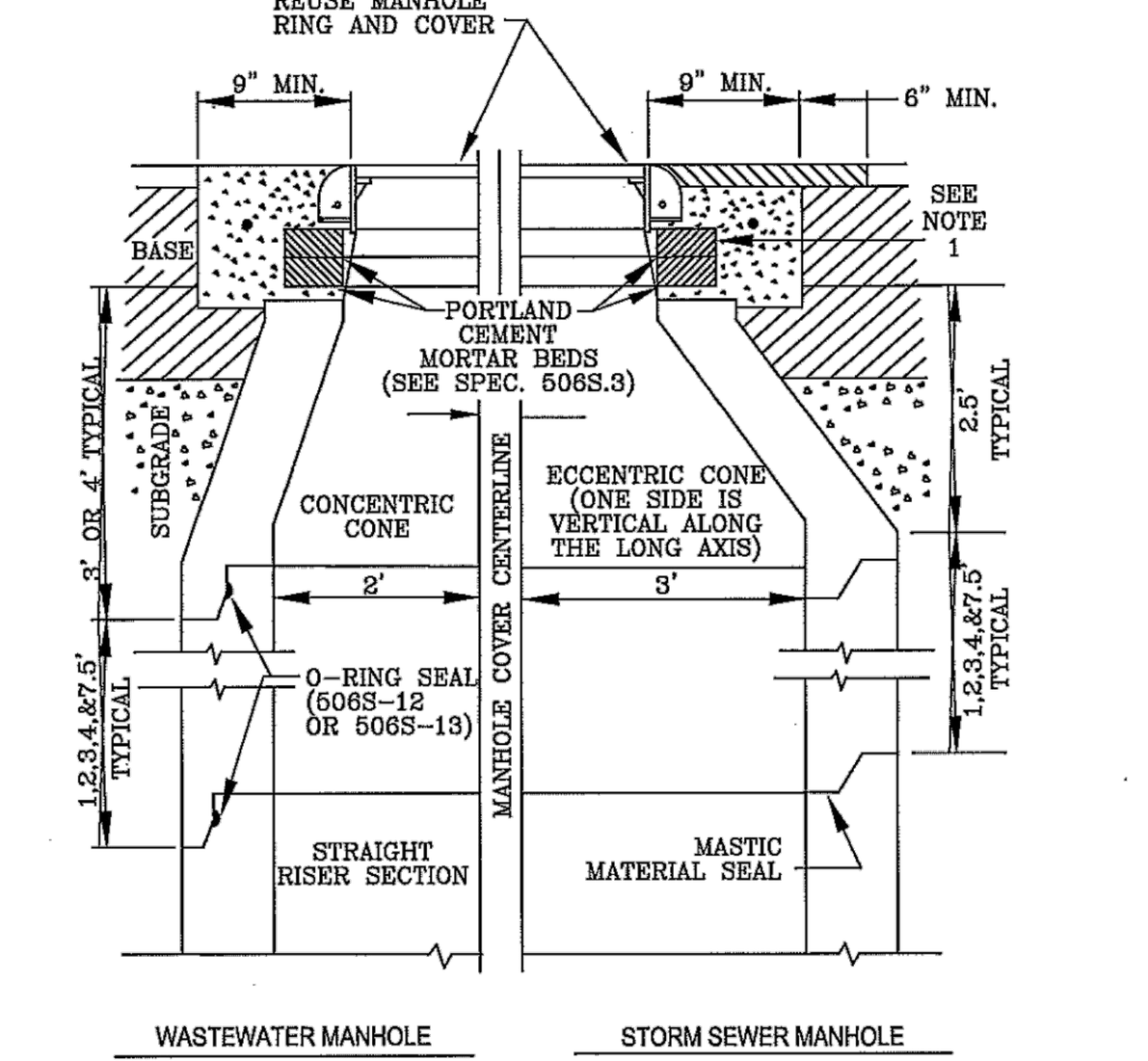
CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | SEWER SERVICE CONNECTION PLAN VIEW | STANDARD UT 206



CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | SEWER SERVICE CONNECTIONS SECTION VIEW | STANDARD UT 207

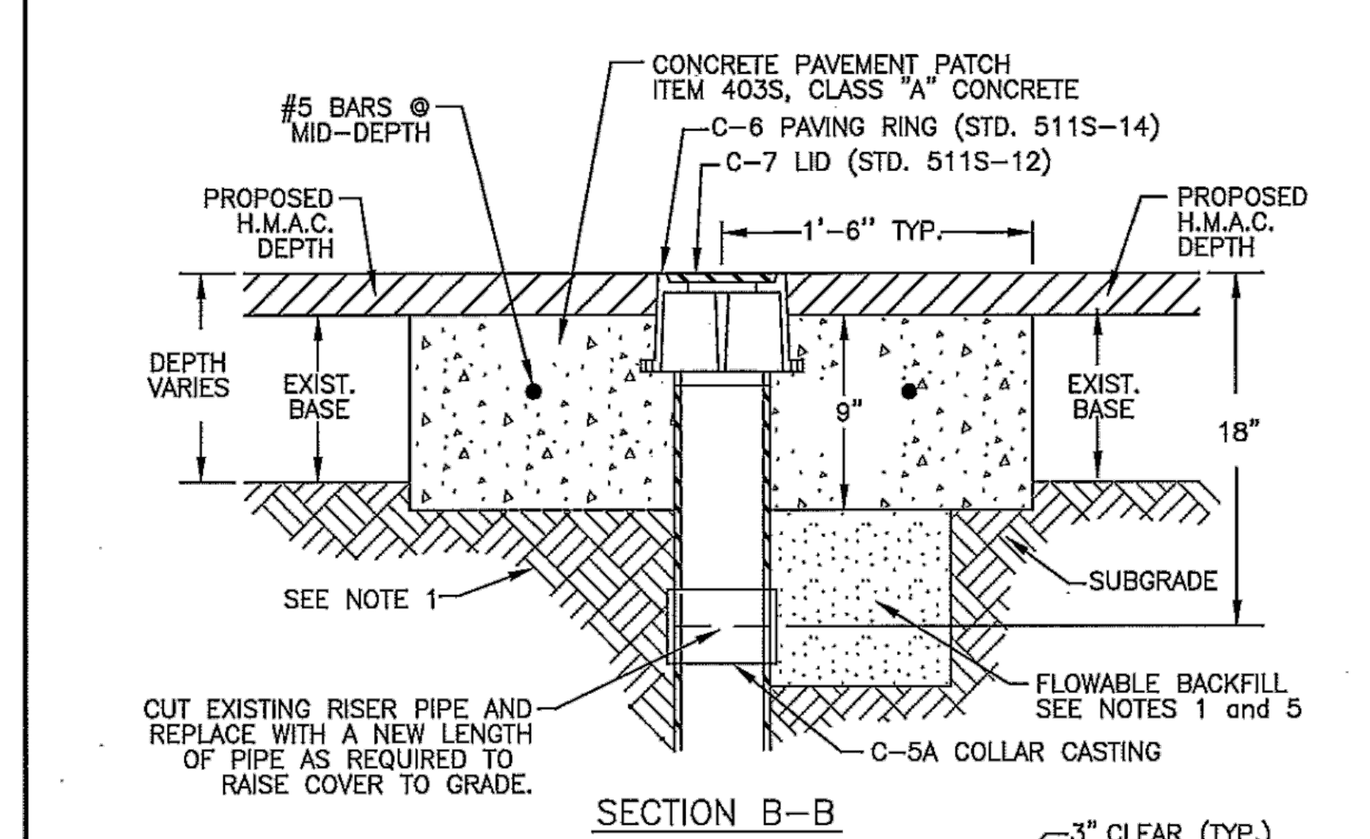


CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | SANITARY SEWER CLEANOUT | STANDARD UT 208



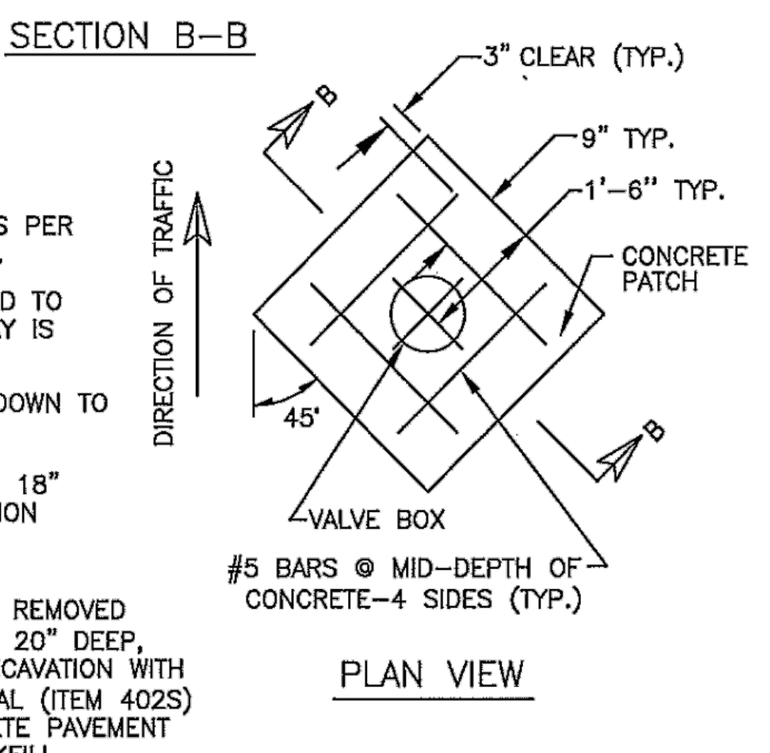
1. SEE "MINOR MANHOLE ADJUSTMENTS" STANDARD 506S-4 FOR CLARITY.
2. MANHOLE SECTIONS TEMPORARILY REMOVED FOR ROADWAY CONSTRUCTION MAY BE REUSED ONLY WITH THE WRITTEN APPROVAL OF THE INSPECTOR. O-RINGS SHALL NOT BE REUSED.
3. ANY COMBINATION OF REMOVING THE CONCRETE RINGS, AND / OR THE MANHOLE CONE, AND/OR THE STRAIGHT RISER SECTION OF THE MANHOLE SHALL BE ACCEPTABLE TO TEMPORARILY LOWER THE MANHOLE GRADE FOR ROADWAY RECONSTRUCTION.
4. WHILE THE MANHOLE IS TEMPORARILY LOWERED, A SHEET OF STEEL SUITABLE TO SUPPORT ALL IMPOSED LOADS SHALL BE USED TO COVER THE OPENING. FOR WASTEWATER MANHOLES, THE STEEL PLATE SHALL BE SET IN MORTAR TO PREVENT LEAKAGE.
5. SUBGRADE AND BASE MATERIALS SHALL BE COMPACTED TO 95% AND 100% DENSITIES, RESPECTIVELY, COMPACTION SHALL BE BY MECHANICAL TAMPING TO THE DENSITIES SPECIFIED.

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | MAJOR MANHOLE ADJUSTMENT | STANDARD UT 209

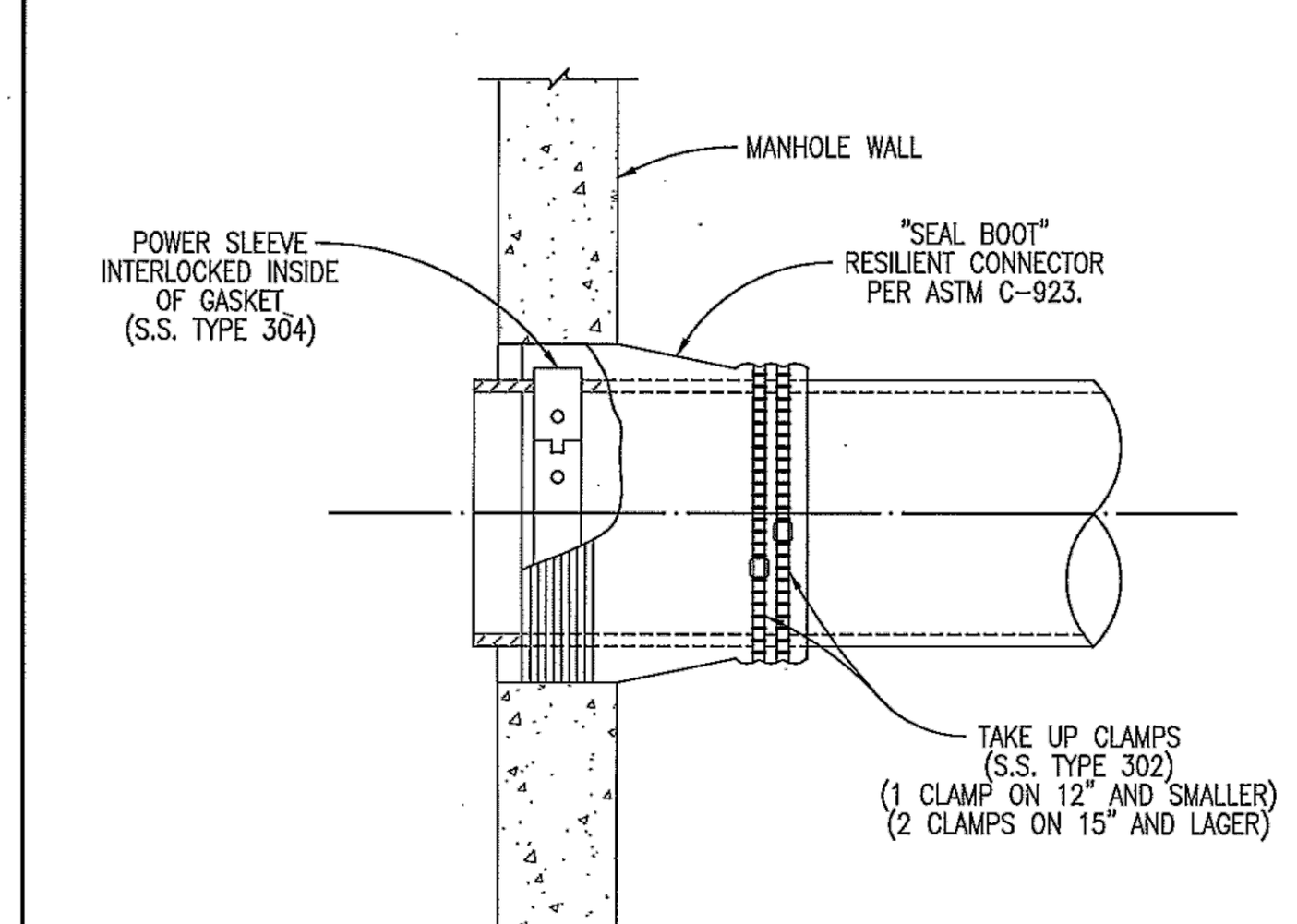


NOTES:

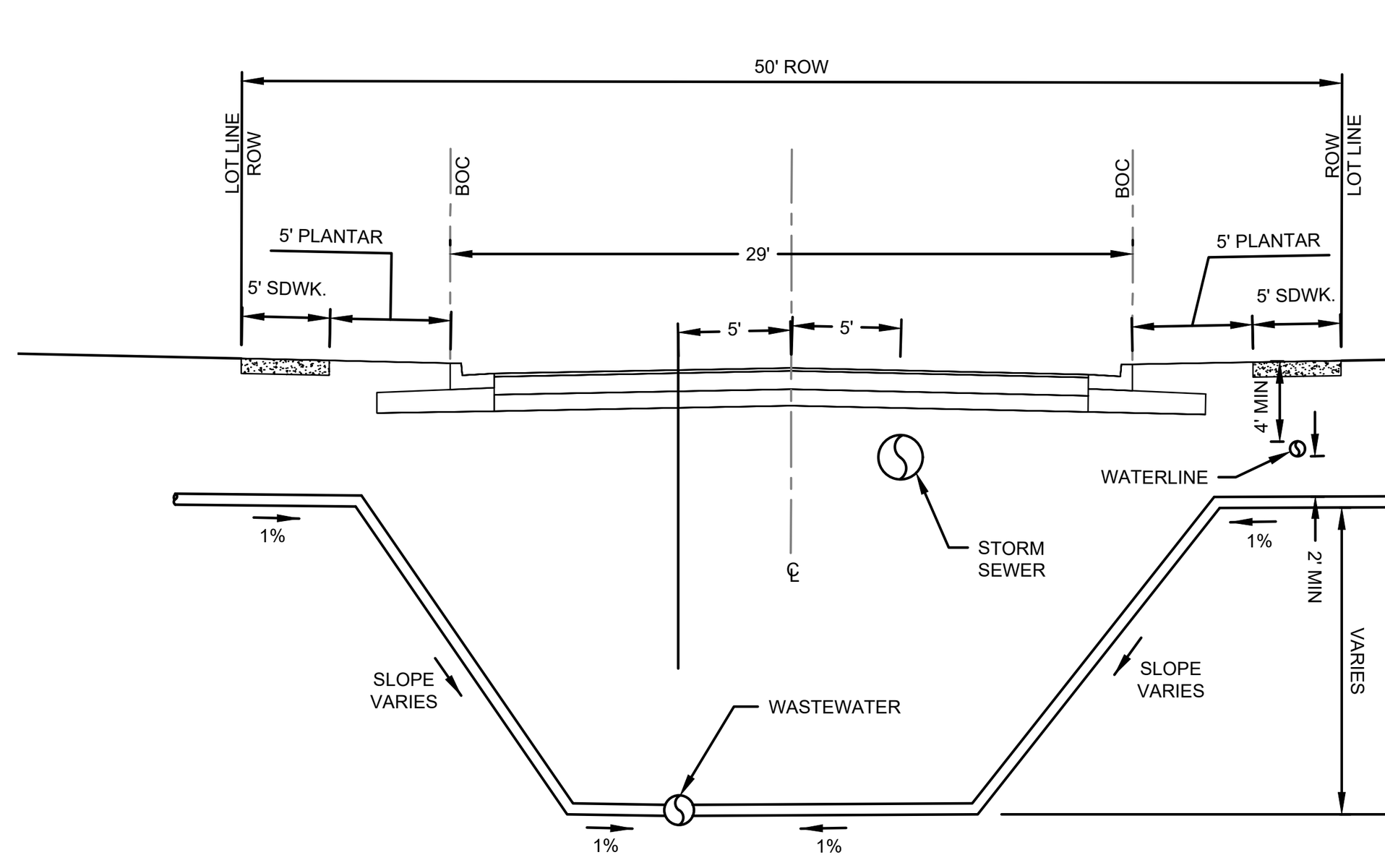
1. SUBGRADE SHALL BE COMPACTED AS PER ITEM 201S, SUBGRADE PREPARATION.
2. VALVE CASTINGS SHALL BE ADJUSTED TO GRADE AFTER FINAL LIFT OF OVERLAY IS IN PLACE.
3. CLEAN VALVE BOX OF ALL DEBRIS DOWN TO THE BASE OF THE VALVE.
4. REMOVE EXISTING RISER PIPE DOWN 18" AND REPLACE TO THE NEW ELEVATION NEW PIPE AND A C-5A CASTING.
5. WHERE CAST IRON CASTINGS TO BE REMOVED REQUIRE EXCAVATION GREATER THAN 20" DEEP, CONTRACTOR MAY ELECT TO FILL EXCAVATION WITH CONTROLLED LOW STRENGTH MATERIAL (ITEM 402S) TO THE UNDERSIDE OF THE CONCRETE PAVEMENT PATCH IN LIEU OF COMPACTED BACKFILL.
6. REINFORCING STEEL SHALL MEET ITEM 406S, REINFORCING STEEL.



CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | VALVE BOX ADJUSTMENT DETAIL | STANDARD UT 210



CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | FLEXIBLE "SEAL BOOT" CONNECTOR | STANDARD UT 211



4

TYPICAL WASTEWATER SERVICE CONNECTION DETAIL

N.T.S.

No.	REVISIONS	DATE	BY
4	ADDITIONAL WW DETAIL	3/17/2021	WB

Kimley»Horn

© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED PROFESSIONAL ENGINEER
03/17/2021

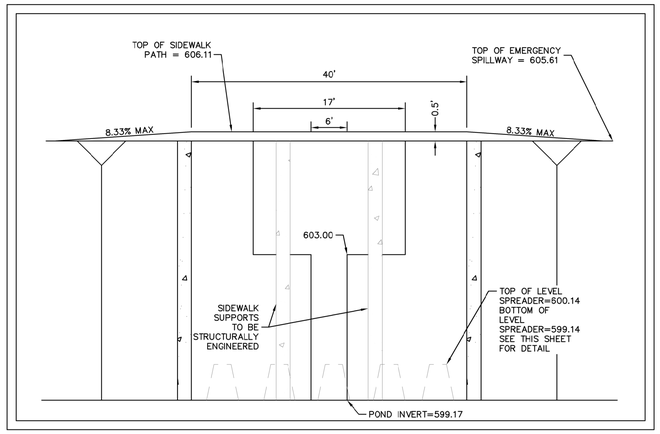
KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

WASTEWATER DETAILS

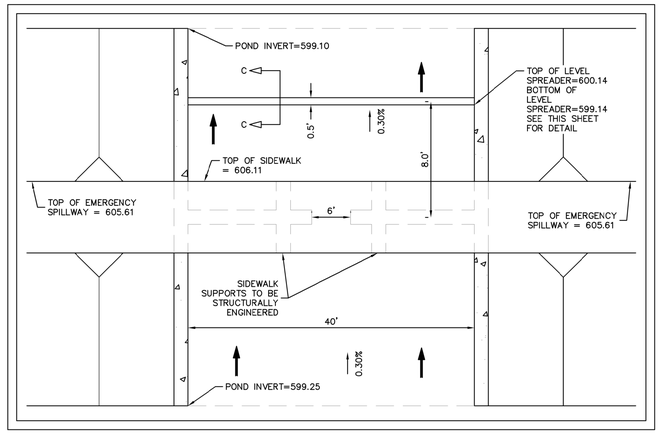
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

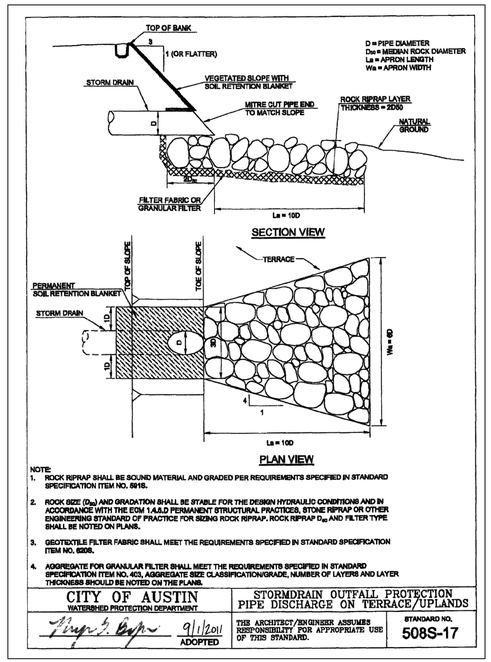
SHEET NUMBER
101 OF 108

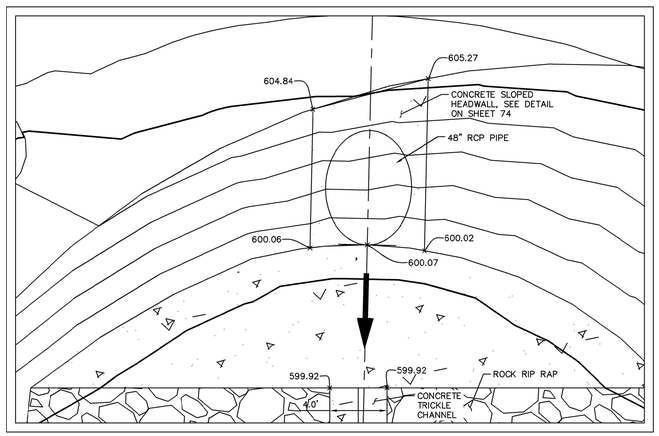


DETENTION POND OUTLET STRUCTURE (FRONT VIEW)
N.T.S.

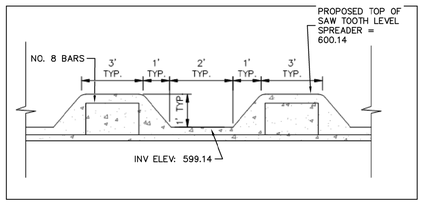


DETENTION POND OUTLET STRUCTURE (TOP VIEW)
N.T.S.

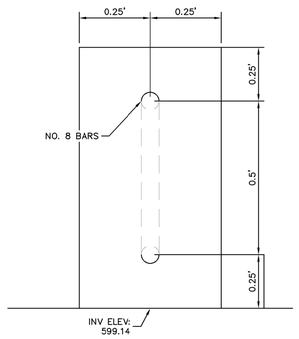




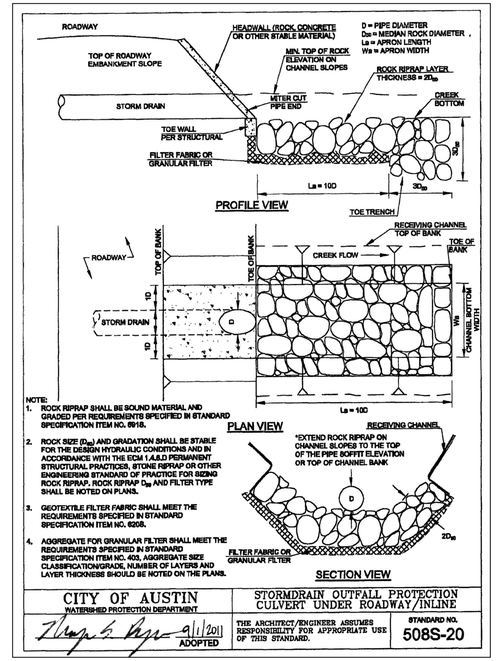
STORM "A" SLOPED HEADWALL
1" = 5'

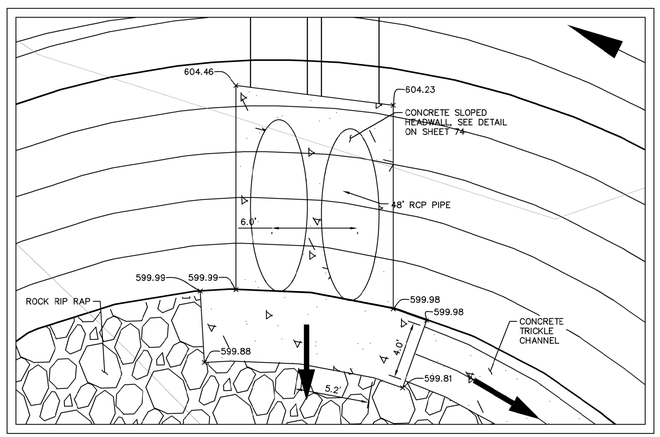


SAW TOOTH LEVEL SPREADER DETAIL
N.T.S.

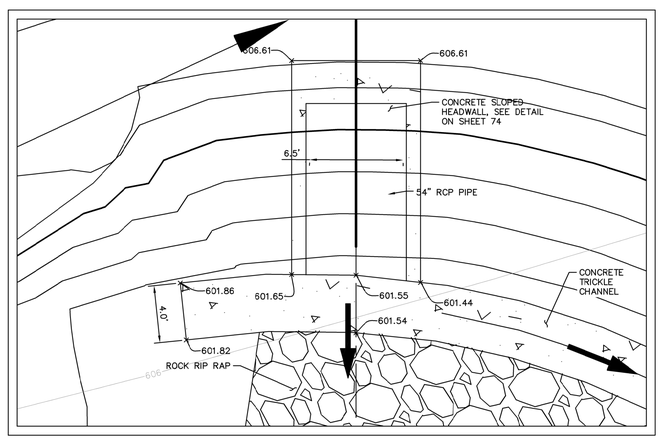


LEVEL SPREADER DETAIL SECTION "C-C"
N.T.S.





STORM "A" SLOPED HEADWALL
N.T.S.



STORM "C" SLOPED HEADWALL
1" = 5'

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

BENCHMARKS
IRON ROD SET IN ASPHALT DRIVE IN NORTH R.O.W. OF F.M. 973. ELEV. 616.68'

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-22371
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY

STATE OF TEXAS
LUKE W CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
11/23/2020

KHA PROJECT 069278800	DATE JANUARY 2020	SCALE: AS SHOWN	
		DESIGNED BY: WB,DM	
		DRAWN BY: DM,WB	
		CHECKED BY: LC	

POND DETAILS

CASTLEWOOD
SINGLE FAMILY
PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
102 OF 108

Plotted By:Buzzelli, William Date:November 23, 2020 04:15:06pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Detention Pond Plan.dwg

GENERAL NOTES

GENERAL CONDITIONS AND COORDINATION

1. NOTES SHOWN ON GENERAL NOTES SHEET SHALL GOVERN THE MINIMUM STANDARDS FOR MATERIALS, WORKMANSHIP, AND GENERAL CONSTRUCTION PRACTICES UNLESS NOTED OTHERWISE IN SPECIFICATIONS OR ON DRAWINGS.
2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN AND DISTRIBUTE ALL CURRENT CONTRACT DOCUMENTS AND ADDENDA TO SUPPLIERS AND SUB-CONTRACTORS FOR THE USE OF SHOP DRAWING PRODUCTION AND FABRICATION PRIOR TO CONSTRUCTION.
3. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COMPARE THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DRAWINGS, AND REPORT ANY DISCREPANCIES AMONG OR WITHIN THE DRAWING SETS PRIOR TO FABRICATION OR CONSTRUCTION.
4. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, FLOOR ELEVATIONS, DROPS, SLOPES, DRAINS, EMBEDDED ITEMS, ETC., PRIOR TO CONSTRUCTION.
5. THE DETAILS AND SECTIONS SHOWN ON STRUCTURAL DRAWINGS APPLY GENERALLY TO ALL AREAS OF SIMILAR OR LIKE CONDITIONS THROUGHOUT THE DRAWINGS.
6. STRUCTURAL DRAWINGS INDICATE TYPICAL AND INDIVIDUAL SPECIFIC CONDITIONS ONLY. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR/SUB-CONTRACTOR TO PREPARE SHOP DRAWINGS DETAILING CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON DRAWINGS.
7. THE USE OF THESE STRUCTURAL DRAWINGS BY ANY CONTRACTOR, SUB-CONTRACTOR, MATERIAL SUPPLIER, FABRICATOR, OR ERECTOR WITHOUT THE PREPARATION OF SHOP DRAWINGS REPRESENTS HIS ACCEPTANCE OF THESE DRAWINGS AS COMPLETE AND CORRECT. AS A RESULT, ANY EXPENSE ACQUIRED AS A RESULT OF ERRORS OCCURRING ON DRAWINGS IS THE RESPONSIBILITY OF THE INDIVIDUAL PARTY.
8. SHOP DRAWINGS MAY BE SUBMITTED TO ENGINEER FOR REVIEW FOR CORRECTNESS OF STRUCTURAL INTENT. CONTRACTOR, SUB-CONTRACTOR, MATERIAL SUPPLIER, FABRICATOR, OR ERECTOR SHOULD ANTICIPATE A MINIMUM 10 BUSINESS DAY REVIEW PERIOD BY ENGINEER.
9. THE DESIGN AND PROVISION FOR ALL TEMPORARY SUPPORTS OR FRAMING, AND NON-STRUCTURAL FRAMING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. TEMPORARY SUPPORTS SHALL NOT OVERSTRESS OR CAUSE DAMAGE TO THE PERMANENT STRUCTURAL ELEMENTS. REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL NON-STRUCTURAL FRAMING REQUIRED.
10. THE STRUCTURAL DRAWINGS AND ITEMS SHOWN HEREIN REPRESENT THE FINISHED STRUCTURE AND DO NOT NECESSARILY REPRESENT THE MEANS OR METHODS OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SUPERVISING THE WORK, AND THE MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCES OF CONSTRUCTION.
11. THE STRUCTURE SHOWN HEREIN IS STRUCTURALLY SOUND WHEN ALL HORIZONTAL AND LATERAL PERMANENT BRACING INDICATED ON DRAWINGS IS INSTALLED IN THEIR ENTIRETY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SUPPORT OF ALL ELEMENTS TO RESIST GRAVITY, EARTH, WIND, SEISMIC, AND CONSTRUCTION LOADS DURING CONSTRUCTION.
12. ALL ELEVATIONS SHOWN ARE FOR STRUCTURAL REFERENCE PURPOSES ONLY. REFER TO CIVIL FOR DATUM ELEVATIONS.

DESIGN CODES/STANDARDS

1. GOVERNING BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE
2. DESIGN LOADS: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-05
3. CONCRETE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AMERICAN CONCRETE INSTITUTE, ACI 318-08

LOADS AND DESIGN CRITERIA

1. DEAD LOADS
   - A. CONC RETAINING WALL — 150 PCF
2. RETAINING WALL DESIGN CRITERIA
   - A. EQUIVALENT FLUID PRESSURE — 45 PSF/FT
   - B. ALLOWABLE BEARING — 2,500 PSF @ MIN 18" BELOW FIN GRADE
   - C. FRICTION FACTOR — 0.35 * WT @ BOTTOM OF FOOTING
   - D. PASSIVE SOIL PRESSURE — 120 PSF/FT

SOIL AND SUBSURFACE CONDITIONS

1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO THOROUGHLY READ, UNDERSTAND THE DESIGN CRITERIA AND FOLLOW THE RELATED BUILDING PAD PREPARATION REQUIREMENTS SET FORTH IN THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
2. FOUNDATION DESIGN IS BASED ON GEOTECHNICAL REPORT, PROJECT # 03031101, PREPARED BY PROFESSIONAL SERVICE INDUSTRIES, INC., DATED 04/27/2020.
3. BUILDING PAD PREPARATION SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS IN GEOTECHNICAL REPORT. REMOVE AND REPLACE AT LEAST 1 FOOT OF SOIL W/ WELL COMPACTED SELECT FILL IN ACCORDANCE W/ GEOTECHNICAL REPORT.
4. ANY FILL WORK WITHIN 10 FT OF BUILDING EXTENTS SHALL BE PROPERLY PLACED AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DEFINED IN ASTM D698 STANDARD PROCTOR TEST.
5. POSITIVE DRAINAGE SHALL BE PROVIDED AND MAINTAINED AWAY FROM THE BUILDING DURING CONSTRUCTION AND PERMANENTLY. STORED EXCAVATION MATERIAL AND/OR CONSTRUCTION MATERIALS SHALL NOT DISRUPT POSITIVE DRAINAGE AWAY FROM BUILDING.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY REQUIRED BACK FILLING OF WALLS, PIERS, FOOTINGS, ETC., SUCH THAT SYMMETRICAL LOADING OCCURS. IN THE EVENT THAT CONDITIONS PREVENT SUCH SYMMETRICAL LOADING, TEMPORARY SHORING SHALL BE PROVIDED AND MAINTAINED UNTIL PERMANENT HORIZONTAL AND VERTICAL BRACING ELEMENTS ARE PLACED AND PROPERLY SET.
7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN STABILITY OF EXCAVATIONS UNTIL PROPERLY BACK FILLED. EXCAVATIONS SHALL REMAIN FREE OF LOOSE DEBRIS/MATERIAL, AND WATER. EXCAVATIONS SHALL BE DE-WATERED AND ALL WET MATERIAL REMOVED/REPLACED PRIOR TO CONCRETE PLACEMENT.
8. HEAVY EQUIPMENT NECESSARY FOR SPREADING AND COMPACTING BACK FILL MATERIAL SHALL NOT BE OPERATED CLOSER THAN A DISTANCE EQUAL TO THE HEIGHT OF BACK FILL MATERIAL ABOVE THE WALL, PIER, FOOTING, ETC. HAND TAMPING SHALL BE USED TO COMPACT THE REMAINING AREA.
9. EXCAVATED MATERIAL MAY BE USED AS BACKFILL IF FOUND TO BE ACCEPTABLE TO THE GEOTECHNICAL ENGINEER. OTHERWISE, PROVIDE SELECT FILL IN ACCORDANCE WITH GEOTECHNICAL REPORT AS BACKFILL MATERIAL.

CAST IN PLACE CONCRETE

1. CONCRETE WORK SHALL CONFORM TO THE FOLLOWING:
   - A. ACI 318 - REINFORCED CONCRETE
   - B. ACI 318.1 - PLAIN CONCRETE
   - C. ACI 306R - COLD WEATHER CONCRETING
   - D. ACI 305R - HOT WEATHER CONCRETING
   - E. ACI 117 - STANDARD SPECIFICATION FOR TOLERANCES
2. CONCRETE USED FOR STRUCTURAL APPLICATIONS AS SHOWN ON DRAWINGS SHALL BE STANDARD WEIGHT, WITH 28-DAY COMPRESSIVE STRENGTH AS NOTED BELOW. COMPRESSIVE STRENGTH TESTING SHALL BE IN ACCORDANCE WITH ASTM C39 "STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS."
3. CONCRETE SHALL HAVE A MAXIMUM SLUMP AS NOTED BELOW AND SLUMP SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C143 "SLUMP OF PORTLAND CEMENT CONCRETE."
4. AGGREGATES USED FOR NORMAL WEIGHT CONCRETE SHALL HAVE A NOMINAL MAXIMUM COARSE AGGREGATE SIZE AS NOTED BELOW AND SHALL CONFORM TO ASTM C33 "SPECIFICATIONS FOR CONCRETE AGGREGATE."
5. CONCRETE SHALL BE PROPORTIONED TO MEET THE REQUIREMENTS OF ACI 318 CHAPTER 19. CONCRETE SHALL BE DESIGNED FOR EXPOSURE CLASS F0, S0, P0 AND C0 UNO.
6. CONCRETE MIX DESIGNS SHALL BE IN ACCORDANCE WITH THE REQS BELOW:

LOCATION	MIN F'c	SLUMP	MAXIMUM AGGREGATE SIZE	EXPOSURE CLASS
10" MIN WALLS	3000 PSI	4" +/- 1"	1 1/2"	C1
FOOTINGS	3000 PSI	4" +/- 1"	1 1/2"	C1
6" CONCRETE SLAB	3000 PSI	4" +/- 1"	1 1/2"	C1

7. FLY ASH CONTENT SHALL BE MAX 25% OF CEMENT REPLACEMENT.
8. AIR ENTRAINMENT OF 1 1/2 PERCENT +/- 1 1/2 PERCENT, MAY BE USED AT THE CONTRACTORS OPTION. AIR ENTRAINMENT SHALL CONFORM TO ASTM C260 "AIR ENTRAINING ADMIXTURES FOR CONCRETE."
9. CONCRETE TESTING SHALL BE PROVIDED BY AN APPROVED AGENCY, AND IN ACCORDANCE WITH ASTM C31 "MAKING AND CURING CONCRETE TEST SPECIMENS IN THE FIELD."
10. CURING COMPOUNDS AND SURFACE HARDENERS SHALL BE APPROVED BY ENGINEER PRIOR TO USE. APPLICATION OF CURING COMPOUNDS AND SURFACE HARDENERS SHALL BE IN COMPLIANCE WITH MANUFACTURERS RECOMMENDATIONS.
11. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH SHALL BE PROTECTED BY WATERPROOFING AS DETAILED BY ARCHITECTURAL DRAWINGS.
12. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE FOUNDATION BLOCKOUTS AND EMBEDDED ITEMS NECESSARY FOR ARCHITECTURAL, MEP, CIVIL, ETC.
13. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL OF EMBEDDED CONDUITS, PIPES, AND SLEEVES WHICH ARE BEYOND THE SCOPE DETAILED IN THE STRUCTURAL DRAWINGS.
14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE AND FINISH CONCRETE SLABS WITH A MINIMUM FLATNESS OF FF = 35 AND A MINIMUM LEVELNESS OF FL = 25. ANY DEVIATION FROM THIS TOLERANCE THAT REQUIRES CUTTING OR ADDITIONAL FINISHING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
15. HORIZONTAL CONSTRUCTION JOINTS ARE NOT PERMITTED UNLESS SPECIFICALLY SHOWN AND DETAILED ON STRUCTURAL PLANS. VERTICAL CONSTRUCTION JOINT LOCATIONS, OTHER THAN THOSE SHOWN ON PLAN, SHALL BE SUBMITTED TO ARCHITECT/ENGINEER FOR REVIEW. ADDITIONAL DETAILING AND REINFORCING MAY BE REQUIRED AND SPECIFIED BY THE ENGINEER FOR UNSCHEDULED CONSTRUCTION JOINTS, AND IS THE RESPONSIBILITY OF THE CONTRACTOR.

CONCRETE REINFORCING

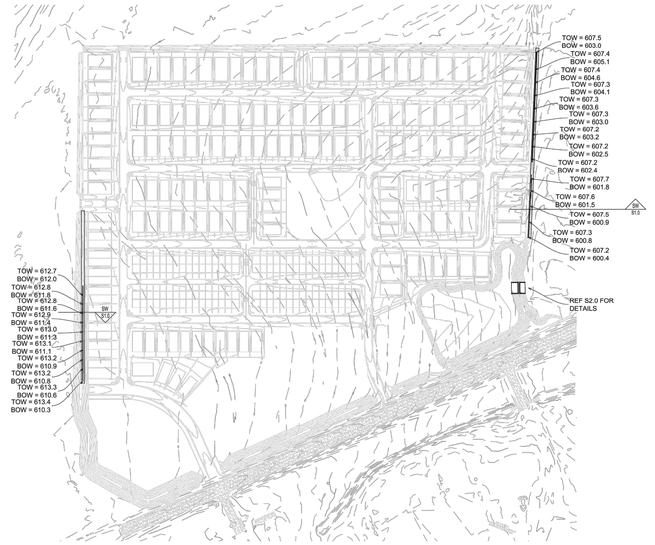
1. REINFORCING STEEL SHALL BE GRADE 60, DOMESTIC, DEFORMED NEW BILLET STEEL BARS IN ACCORDANCE WITH ASTM A615.
2. REINFORCING STEEL DETAILING SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL. ALL HOOKS AND BENDS IN REINFORCING STEEL SHALL CONFORM TO ACI DETAILING STANDARDS, UNLESS NOTED OTHERWISE.
3. REINFORCING STEEL SUPPORT DEVICES SHALL BE IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE.
4. UNSCHEDULED BEAMS, SLABS, COLUMNS, AND WALLS, SHALL HAVE REINFORCING STEEL DETAILED IN ACCORDANCE WITH THE FOLLOWING:
   - A. MINIMUM LAP SPLICE FOR ALL REINFORCING BARS SHALL BE 48 TIMES THE BAR DIAMETER, UNLESS NOTED OTHERWISE.
   - B. LAP TOP REINFORCING BARS AT MID SPAN
   - C. LAP BOTTOM REINFORCING BARS AT SUPPORTS.
   - D. LAP VERTICAL BARS IN WALLS AND COLUMNS AT FLOOR LINES ONLY, UNLESS NOTED OTHERWISE.
   - E. PROVIDE CORNER BARS, OF SAME SIZE, FOR ALL HORIZONTAL BARS AT THE INSIDE AND OUTSIDE FACES OF INTERSECTING BEAMS OR WALLS.
5. REINFORCING STEEL INTERRUPTED BY OPENINGS OR EMBEDDED ITEMS IN SLABS OR WALLS, SHALL BE COMPENSATED FOR BY REPLACING AN EQUAL AMOUNT OF REINFORCING BARS AT THE SIDES OF THE OPENING, PARALLEL TO UNINTERRUPTED STEEL. COMPENSATION STEEL SHALL EXTEND BEYOND THE EDGE OF OPENING OR EMBED A MINIMUM OF 48 TIMES THE BAR DIAMETER.
6. WELDING OF REINFORCING BARS IS NOT PERMITTED, AND HEAT SHALL NOT BE PERMITTED IN THE FABRICATION OR INSTALLATION OF REINFORCEMENT.
7. WELDED STEEL WIRE FABRIC USED FOR CONCRETE REINFORCING SHALL BE INSTALLED IN FLAT SHEETS, AND SHALL CONFORM TO ASTM A185.
8. MINIMUM CONCRETE COVERAGE FOR REINFORCING STEEL SHALL CONFORM TO THE FOLLOWING:
   - A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
   - B. CONCRETE EXPOSED TO EARTH OR WEATHER:
     - #6 BAR OR LARGER — 2"
     - #5 BAR OR SMALLER — 1 1/2"
   - C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT W/ GROUND:
     - SLABS, WALLS, JOISTS — 3/4"
     - BEAMS, COLUMNS — 1 1/2"

SHEET INDEX

STRUCTURAL DRAWINGS

S1.0 - GENERAL NOTES

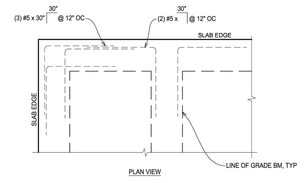
S2.0 - RETAINING WALL PLAN & DETAILS



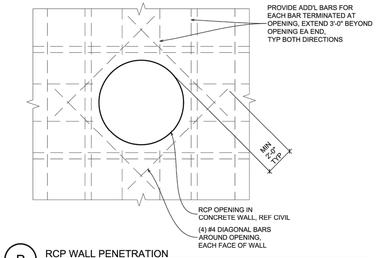
SITE PLAN

NTS

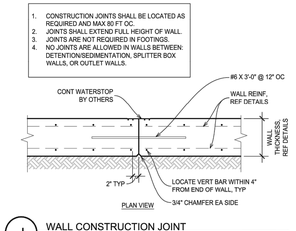
RETAINING WALL SCHEDULE													
MAX WALL HEIGHT "H"	WALL WIDTH "W"	FOOTING THICKNESS "FT"	FOOTING WIDTH "FW"	TOE WIDTH "T"	KEY DEPTH "K"	BENT VERT REINF "L1"	BENT VERT REINF "L2"	VERT LEG DIM "X1"	VERT LEG DIM "X2"	VERT WALL REINF "V1"	VERT WALL REINF "V2"	HORIZ WALL REINF "H1"	HORIZ WALL REINF "H2"	TRANSVERSE HEEL REINF
5'-6"	10"	0'-10"	4'-0"	1'-6"	0'-8"	#4 @ 10"	-	2'-0"	2'-0"	#4 @ 10"	-	#4 @ 12"	-	#4 @ 10"
9'-0"	10"	1'-0"	7'-0"	2'-0"	1'-6"	#5 @ 12"	#5 @ 12"	2'-6"	2'-6"	#5 @ 12"	#5 @ 12"	#4 @ 12"	#4 @ 12"	#5 @ 12"



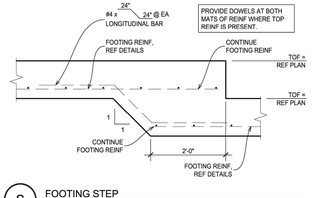
C CORNER BARS
NTS



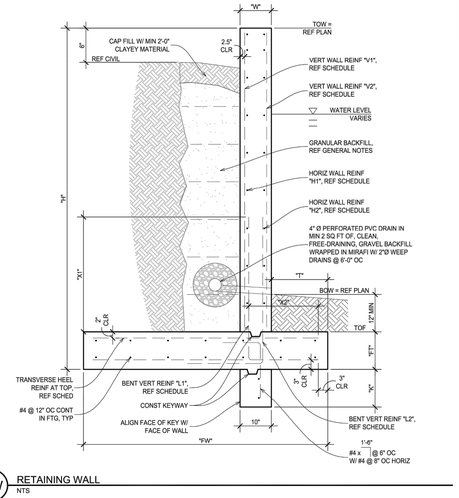
P RCP WALL PENETRATION
NTS



J WALL CONSTRUCTION JOINT
NTS



S FOOTING STEP
NTS



NOTES:
1. VERT WALL REINF SHALL EXTEND TO THE TOP OF FOOTING UNO.
2. KEY BELOW FOOTING MAY BE POURED MONOLITHIC WITH FOOTING.

RW RETAINING WALL
NTS

TDI Engineering, LLC
9390 Old Fredericksburg Road, Suite 300
San Antonio, TX 78240
512 - 301 - 3389 | www.tdi-llc.net

CIVIL & STRUCTURAL ENGINEERING
AUSTIN / HOUSTON

TDI ENGINEERING

*THINK DESIGN innovate, integrate, implement...

STATE OF TEXAS
MATTHEW J. MORHARD
133799
REGISTERED PROFESSIONAL ENGINEER
4/29/2020

FIRM REG. # F-8601

CASTLEWOOD SUBDIVISION RETAINING WALL
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

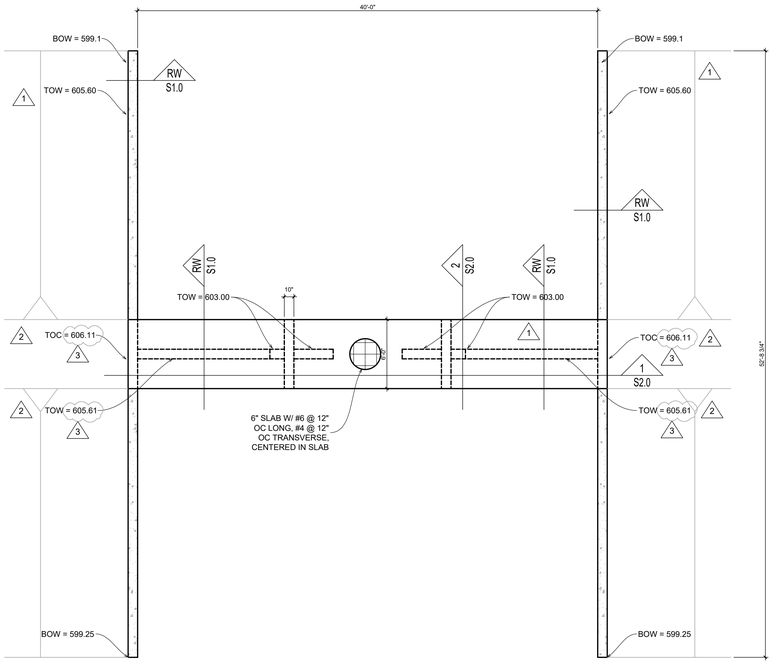
TOWNBRIDGE HOMES

GENERAL NOTES

PROJECT # 1157-100

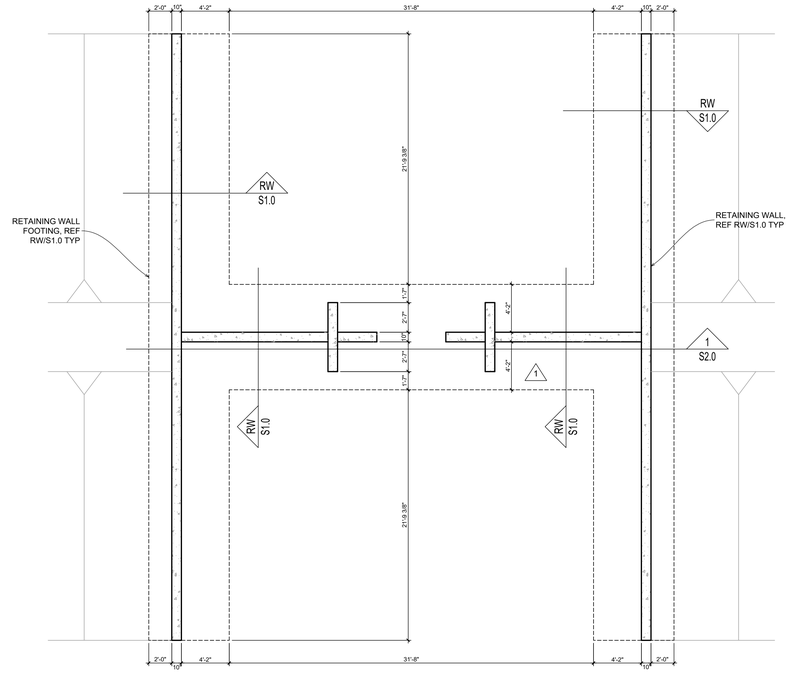
ISSUE DATE 04-29-2020

SHEET S1.0



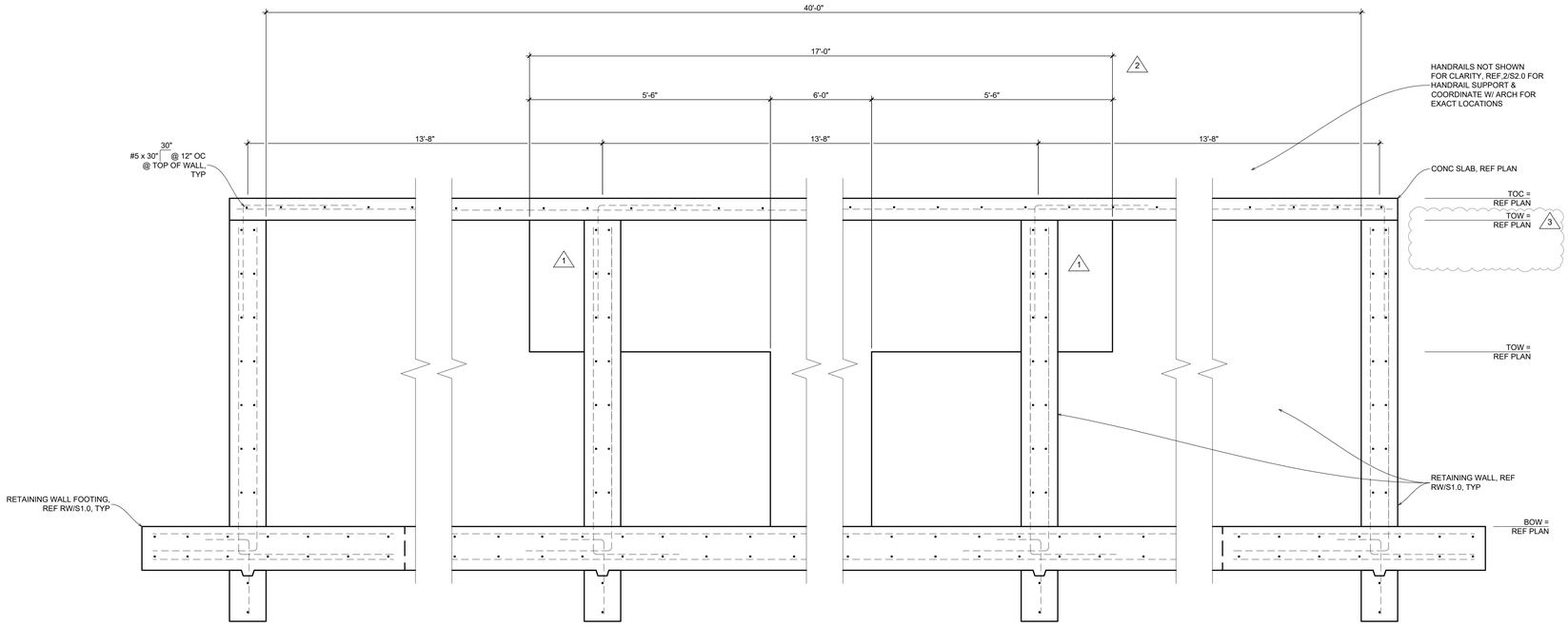
WALL LAYOUT & BRIDGE PLAN

NTS



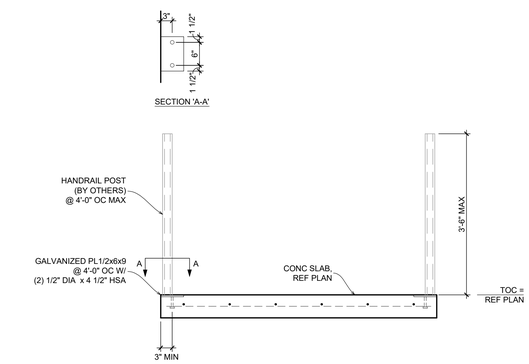
BRIDGE FOOTING PLAN

NTS



1 BRIDGE DETAIL

NTS



2 RAILING DETAIL

NTS

CONC RETAINING WALL NOTES:

1. ALL TOW, BOW, TOC, ETC ARE FOR DESIGN PURPOSES ONLY. REF CIVIL / ARCH FOR REQUIRED ELEVATIONS.
2. RETAINING WALLS ARE BASED UPON DEISGN VALUES IN GEOTECHNICAL REPORT, REF S1.0. ALLOWABLE BEARING PRESSURE = 2,500 PSF, ACTIVE WALL PRESSURE = 45 PCF. PASSIVE PRESSURE OF 120 PCF. SLIDING COEFFICIENT OF FRICTION OF 0.35. FACTOR OF SAFETY FOR SLIDING = 1.5, OVERTURNING = 2.0
3. CIVIL GRADING AND DETENTION / WATER QUALITY INFORMATION ARE SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MOST CURRENT CIVIL PLANS FOR FINAL GRADING. NOTIFY ENGINEER OF ANY DISCREPANCIES, SPECIFICALLY GRADING DIFFERENCES GREATER THAN 3".
4. WALLS / FOOTINGS ARE DESIGNED FOR WORST-CASE LOADING OF POND WITH OR WITHOUT WATER AND PERIMETER BACKFILL / GRADES AS SHOWN ON CIVIL PLANS DATED 3/31/2020.
5. REFER TO CIVIL FOR COORDINATION OF ALL PLAN DIMENSIONS.
6. PROVIDE 30"x30" CORNER BARS AT EACH LAYER OF WALL & FOOTING REINFORCEMENT, MATCH SIZE & QUANTITY.
7. PROVIDE CONSTRUCTION JOINTS, PER DETAIL J/S1.0
8. STEP FOOTINGS PER S/S1.0
9. MATERIALS:
   A. SELECT FILL BACKFILL - PER GEOTECHNICAL REPORT
   B. FILTER FABRIC - MARAFI 140N OR APPROVED EQUIVALENT
   C. REF DRAINING GRAVEL - HARD, DURABLE, CLEAN, WASHED WELL-GRADED GRAVEL, OR CRUSHED STONE RANGING IN SIZE FROM 5/8" TO 1" FREE OF ORGANIC MATTER, CLAY BALLS OR OTHER DELETERIOUS MATTER.
   D. PERFORATED PVC PIPE - SCHEDULE 40 PVC WITH TWO (2) ROWS OF 1/2"Ø HOLES ON 5" CENTERS. ROWS SHALL BE PARALLEL TO AXIS OF PIPE 120° APART. PIPE SHALL BE ORIENTED WITH PERFORATIONS ON TOP.

CIVIL & STRUCTURAL ENGINEERING
AUSTIN / HOUSTON

TDI Engineering, LLC
5906 Old Fredericksburg Road, Suite 300
Austin, TX 78749
512 - 301 - 3389 | www.tdi - llc.net

*THINK DESIGN innovate, integrate, implement...

TDi ENGINEERING

STATE OF TEXAS
MATTHEW J. MORHARDT
133799
REGISTERED PROFESSIONAL ENGINEER
11/24/2020

FIRM REG. # F-8601

CASTLEWOOD SUBDIVISION RETAINING WALL
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

TOWNBRIDGE HOMES

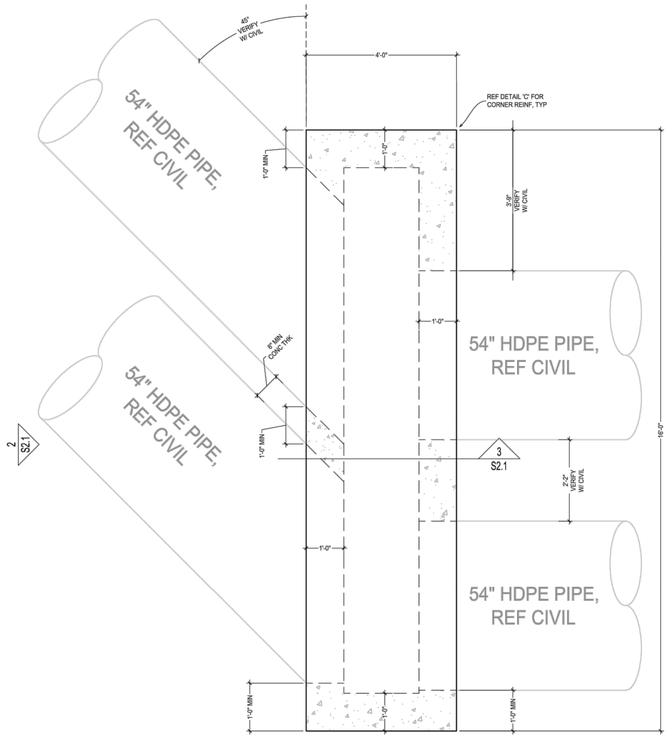
RET WALL & DETAILS

PROJECT # 1157-100

ISSUE DATE 04-29-2020

SHEET
S2.0

△1 05/14/2020 - REVISION #1 △2 10/15/2020 - REVISION #2 △3 11/24/2020 - REVISION #3


45° VERIFY W/ CIVIL
4'-0"
REF DETAIL 'C' FOR CORNER REINF, TYP
54" HDPE PIPE, REF CIVIL
54" HDPE PIPE, REF CIVIL
54" HDPE PIPE, REF CIVIL
8" MIN CONC THK
1'-0" MIN
1'-0"
VERIFY W/ CIVIL
3'-0"
2 S2.1
3 S2.1
1'-0"
1'-0"
1'-0"

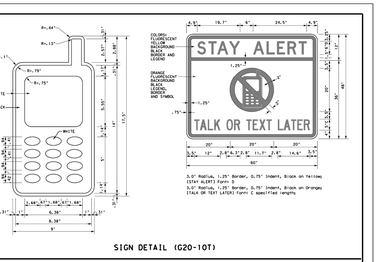
Plotted By:Hansen, Matthew Date:October 16, 2020 04:27:47pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving Details.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and Bee without liability to Kimley-Horn and Associates, Inc.

BARRICADE AND CONSTRUCTION (BC) STANDARD SHEETS GENERAL NOTES:

1. The Barricade and Construction Standard Sheets (BC sheets) are intended to show typical examples for placement of temporary traffic control devices for typical roadway situations. They are not all-inclusive. The information contained in these sheets does not exceed the requirements shown in the Texas Manual on Uniform Traffic Control Devices' (TMUTCD).
2. The development and design of the traffic control Plan (TCP)is the responsibility of the Engineer.
3. The Contractor may propose changes to the TCP that are signed and sealed by a licensed professional engineer for approval. The Engineer may develop, sign and seal Contractor proposed changes.
4. The Contractor is responsible for installing and maintaining the traffic control devices as shown in the plans. The Contractor may not move or change the approximate location of any device without the approval of the Engineer.
5. Geometric design of lane shifts and detours should, when possible, meet the applicable design criteria contained in manuals such as the American Association of State Highway and Transportation Officials (AASHTO), "A Policy on Geometric Design of Highways and Streets," the TxDOT "Roadway Design Manual" or engineering judgment.
6. When projects allow, the Engineer will may omit the END ROAD WORK, TRAFFIC FINES DOUBLE, and other advance warning signs if the signing would be misleading to motorists. For example, omitting the signs if the end of the adjacent project is considered first, the Contractor shall erect the necessary warning signs as shown on these sheets, the TCP sheets or as directed by the Engineer. The BEGIN ROAD WORK NEXT X MILES sign shall be revised to show appropriate work zone distance.
7. The Engineer may require duplicate warning signs on the median side of divided highways where median width will permit and traffic volumes justify the signing.
8. All signs shall be constructed in accordance with the details found in the "Standard Highway Sign Designs for Texas," latest edition. Sign details not shown in this manual shall be shown in the plans or the Engineer shall provide a detail to the Contractor before the sign is manufactured.
9. The temporary traffic control devices shown in the illustrations of the BC sheets are examples. As necessary, the Engineer will determine the most appropriate traffic control devices to be used.
10. As shown on BC(3), the OBEY WARNING SIGNS STATE LAW sign, STAY ALERT TALK OR TEXT LATER (see Sign Detail (G20-10T) and the WORK ZONE TRAFFIC FINES DOUBLE sign with plaque shall be erected in advance of CSJ limits. However, the TRAFFIC FINES DOUBLE sign will not be required on projects containing only mobile operations. The OBEY WARNING SIGNS STATE LAW sign, with plaque series, the BEGIN ROAD WORK NEXT X MILES, CONTRACTOR and END ROAD WORK signs shall be erected at or near the CSJ limits.
11. Except for devices required by Note 10, traffic control devices should be left in place only while work is actually in progress or a definite need exists.
12. The Engineer has the final decision on the location of all traffic control devices.
13. Inactive equipment and work vehicles, including workers' private vehicles must be parked away from travel lanes. They should be as close to the right-of-way line as possible, or located behind a barrier or guardrail, or as approved by the Engineer.

WORKER SAFETY APPROVED ITEMS

1. Workers on foot who are exposed to traffic or to construction equipment within the right-of-way shall wear high-visibility safety apparel meeting the requirements of ISEA "American National Standard for High-Visibility Apparel," or equivalent revisions, and labeled as ANSI 107-2004 standard performance for Class 2 risk exposure. Class 3 apparel should be considered for high traffic volume work areas or night time work.



SIGN DETAIL (G20-10T)

Only pre-qualified products shall be used. The "Compliant Work Zone Traffic Control Devices List" (CWZTCD) describes pre-qualified products and their sources and may be found on-line at the web address given below or by contacting:

Texas Department of Transportation
Traffic Operations Division - TE
Phone (512) 416-3118

THE DOCUMENTS BELOW CAN BE FOUND ON-LINE AT http://www.txdot.gov
COMPLIANT WORK ZONE TRAFFIC CONTROL DEVICES LIST (CWZTCD)
DEPARTMENTAL MATERIAL SPECIFICATIONS (DMS)
MATERIAL PRODUCER LIST (MPL)
ROADWAY DESIGN MANUAL - SEE "MANUALS 'ON-LINE MANUALS'"
STANDARD HIGHWAY SIGN DESIGNS FOR TEXAS (SHSD)
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD)
TRAFFIC ENGINEERING STANDARD SHEETS

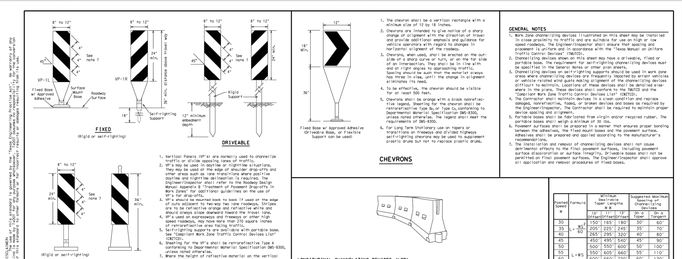
SHEET 1 OF 12

Texas Department of Transportation — Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION GENERAL NOTES AND REQUIREMENTS

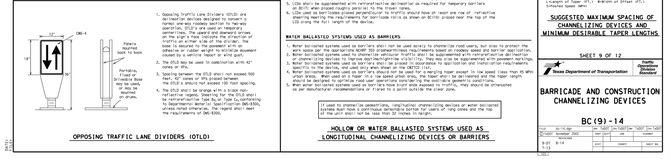
BC(1)-14

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT: November 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
9-07 8-14				
5-10	DIST	COUNTY		SHEET NO.



VERTICAL PANELS (VPs)

1. Vertical Panels (VPs) are narrowly used to channelize traffic on drivable opposing lanes of traffic.
2. VPs may be used in daytime or nighttime situations.
3. VPs may be placed on the edge of a drivable surface and other areas such as those that temporarily place opposing traffic on the same roadway. The Engineer/Contractor shall refer to the Roadway Design Manual, Texas MUTCD, and other applicable guidelines for the use of VPs for additional guidelines on the use of VPs for drivable.
4. VPs shall be placed level to, or back (if used at the edge of curb adjacent to the lane) two (two) roadways. Fixtures are to be reflective orange and reflective white and shall be mounted between 36" and 42" above the VP. VPs used on expressways and freeways or other high speed roadways, may have more than one square inches of reflective material on each side of the VP.
5. Spacing of VPs shall be in accordance with Barricade & Work Zone Traffic Control Standard Sheet BC(8)-14 (WZTCD).
6. The sign for the VPs shall be retroreflective Type A conforming to Department Material Specification DMS-8300, unless noted otherwise.
7. The VPs shall be the appropriate material on the vertical down to 18 inches or greater, a panel width of 6 inches shall be used.



OPPOSING TRAFFIC LANE DIVIDERS (OTLD)

1. Opposing Traffic Lane Dividers (OTLD) are narrowly used to channelize traffic on drivable opposing roadway facilities for two-way operation. OTLD's are used on temporary roadways that place opposing traffic on the same roadway or to channelize traffic on either side of the divider. The OTLD may be placed on the edge of curb adjacent to vehicle travel or shoulder.
2. OTLD's may be used in daytime or nighttime with 42" cones or VPs.
3. Spacing between the OTLD shall not exceed 500 feet. 42" cones or VPs placed between.
4. OTLD's shall be placed level to roadway surface.
5. The OTLD shall be orange with a black non-reflective legend. Sheeting for the OTLD shall be retroreflective Type A, or Type C conforming to Department Material Specification DMS-8300, unless noted otherwise. The legend shall meet the requirements of DMS-8300.

CHEVRONS

1. The chevron shall be a vertical rectangle with a minimum size of 18 by 24 inches.
2. Chevrons are intended to give notice of a sharp change of alignment with the direction of travel and provide additional emphasis and guidance for the driver during periods of restricted visibility. Horizontal alignment of the roadway.
3. Chevrons, when used, shall be erected on the outside of the curve, preferably at the start of the curve at an intersection. They shall be in line with and at right angles to approaching traffic.
4. Where a series of curves or turns exist, chevrons may have to be used, until the change in alignment is clearly indicated.
5. Chevrons shall be orange with a black nonreflective legend. Sheeting for the chevron shall be retroreflective Type A, or Type C conforming to Department Material Specification DMS-8300, unless noted otherwise. The legend shall meet the requirements of DMS-8300.
6. For Long Term stationary use on tapers or transitions on freeways and divided highways where speeds are 50 mph or greater, a minimum of 3 chevrons shall be used.

LONGITUDINAL CHANNELIZING DEVICES (LCD)

1. LCDs are crashworthy, lightweight, delineators devices that are highly visible, have good target value and can be easily maneuvered by one worker. They are designed to control or redirect traffic.
2. LCDs may be used instead of a line of cones or drums.
3. LCDs may be used for short term, intermediate term installation requirements specific to the device, and used only when shown on the BC(10)-14 sheet.
4. LCDs shall be placed level to roadway surface.
5. LCDs shall be supplemented with reinforcement or delineation as required for temporary barriers and other protective systems as shown on the BC(10)-14 sheet.
6. LCDs shall be placed in a manner that ensures proper spacing and alignment. The Engineer may require more or additional steering wheeling requirements for particular traffic as shown on BC(10) placed near the top of the

Speed / Formula S	Minimum Desirable Taper Lengths (Rounded) Tangent Spacing		Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing	Suggested Longitudinal Buffer Space
	10' Lane Width	12' Lane Width	10' Lane Width	12' Lane Width	Distance	
30	150'	180'	30'	60'	120'	90'
35	205'	245'	35'	70'	160'	120'
40	265'	320'	40'	80'	240'	155'
45	450'	495'	45'	90'	320'	195'
50	500'	600'	50'	100'	400'	240'
55	550'	660'	55'	110'	500'	295'
60	600'	720'	60'	120'	600'	350'
65	650'	780'	65'	130'	700'	410'
70	700'	840'	70'	140'	800'	475'
75	750'	900'	75'	150'	900'	545'

L=WS for speeds 40 mph or less
L=WS/60 for speeds 45 mph or greater

Buffer Length = 1/2 Minimum Desirable Taper Length

L=Length of Taper (ft.), W=Width of Offset (ft.), S=Posted Speed (mph)

SUGGESTED MAXIMUM SPACING OF CHANNELIZING DEVICES AND MINIMUM DESIRABLE TAPER LENGTHS

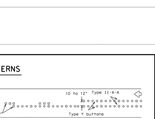
SHEET 9 OF 12

Texas Department of Transportation — Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

BC(9)-14

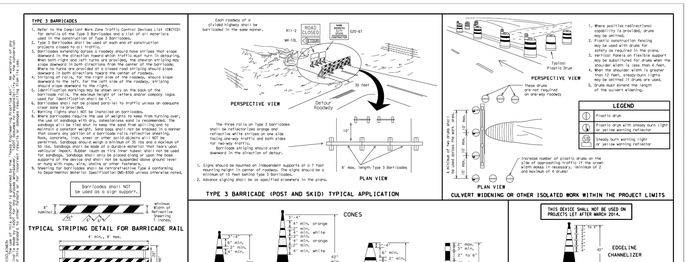
FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT: November 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
9-07 8-14				
5-10	DIST	COUNTY		SHEET NO.



HOLLOW OR WATER BALLASTED SYSTEMS USED AS LONGITUDINAL CHANNELIZING DEVICES OR BARRIERS

1. Water ballasted systems used as barriers shall not be used solely to channelize road users, but shall be protect the work space per the appropriate NCHRP 350 crashworthiness requirements based on roadway speed and barrier application.
2. Water ballasted systems used as channelizing devices shall be used to channelize road users, but shall not be used as barriers or channelizing devices to improve daytime/nighttime visibility. They may also be supplemented with pavement markings, raised pavement markers, signs, or other devices as shown on the BC(10)-14 sheet for delineation and channelization requirements specific to the devices, and used only when shown on the BC(10)-14 sheet.
3. Water ballasted systems used as barriers should not be used for a merging taper except in low speed (less than 45 mph) urban areas where the use of other devices is not practical. Where used, the taper length for the merging taper should be designed to optimize road user operations considering the available pavement conditions.
4. When water ballasted systems used as barriers have blunt ends exposed to traffic, they should be ornamented as per manufacturer recommendations or frames to a point outside the work zone.

It is used to channelize pedestrians, longitudinal channelizing devices or water ballasted barriers must have a crashtested perimeter barrier for users of long cones and the top of the unit shall not be less than 32 inches in height.



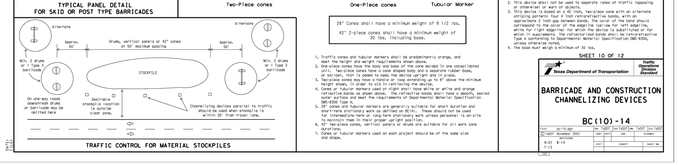
TYPE 3 BARRICADES

1. Refer to the Compliant Work Zone Traffic Control Devices List (CWZTCD) for the selection of Type 3 barricades for use in work zones.
2. Type 3 barricades shall be used at each end of construction projects and at other locations.
3. Type 3 barricades shall be placed at right angles to the roadway, or parallel to the roadway, with the top rail sloping downward in the direction of traffic.
4. Type 3 barricades shall be placed with the sloping rail down toward the traffic for the left side of the roadway, and sloping down toward the right for the right side of the roadway.
5. Where both right and left turns are provided, the channelizing devices shall be placed to form a channel for traffic making the left turn.
6. Where two-way traffic is maintained on a divided highway, the median end of the barricades shall be placed parallel to the direction of traffic in the adjacent lane.
7. Where barricades require the use of signs to keep from turning over, the signs shall be placed on the front barricade facing traffic. The sandbags will be tied below the sign and the sandbag will be secured to the barricade with rope or wire. Sandbags shall weigh a minimum of 35 lbs and a maximum of 50 lbs. Sandbags shall not be placed on top of the sign or on the bottom support. Rubber bands are to be used and shall not be used for sandbags. Sandbags shall only be placed along or upon the base support. Sandbags shall not be placed on the horizontal or diagonal rails of type 3 barricades.
8. Steering for barricades shall be retroreflective Type A conforming to Department Material Specification DMS-8300, unless otherwise noted.

THIS DETAIL SHEET WILL NOT BE USED ON PROJECTS LET AFTER MARCH 2014.

EDGELINE CHANNELIZER

1. This device is intended only for use in place of a center-line for a two-lane, two-way roadway where the ADT is 1500 or less and the speed is not expected to exceed 45 mph (daytime or night).
2. This device shall not be used to separate lanes of traffic opposing one another in normal use.
3. This device is based on a 36 inches, two-piece cone with an orange sloping portion that is 18 inches long and a white sloping portion that is 18 inches long. The cone shall be designed to correspond to the shape of the edgeline device for left edgeline within the right edgeline for which the device is substituted or for the left edgeline of the roadway. The cone shall be of a material that Type A conforming to Department Material Specification DMS-8300, unless otherwise noted.
4. The base must weigh a minimum of 16 lbs.



SHEET 10 OF 12

Texas Department of Transportation — Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

BC(10)-14

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT: November 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
9-07 8-14				
5-10	DIST	COUNTY		SHEET NO.

WORK ZONE PAVEMENT MARKINGS

GENERAL

The contractor shall be responsible for maintaining work zone and permanent pavement markings in accordance with these specifications and special provisions, on all roadways open to traffic within the CSJ limits unless otherwise stated in the plans.

Color, patterns and dimensions shall be in conformance with the Texas Manual on Uniform Traffic Control Devices (TMUTCD).

The correct application pavement marking detail may be found in the plans or specifications.

Pavement markings shall be placed in accordance with the TMUTCD and as shown on the plans.

When short term markings are required on the plans, short term markings shall conform with the TMUTCD, the plans and details as shown on the standard sheets and DMS-8220.

When standard pavement markings are not in place and the roadway is opened to traffic, 30 MOT PAVD signs shall be erected no more than 1 mile apart, and shall be placed on the right side of the roadway within 100 ft from the beginning of restrictive areas and where passing is permitted.

All work zone pavement markings shall be installed in accordance with Item 662, "Work Zone Pavement Markings."

RAISED PAVEMENT MARKERS

Raised pavement markers are to be placed according to the patterns on BC(12).

Raised pavement markers used for work zone markings shall meet the requirements of Item 672, "RAISED PAVEMENT MARKERS" and Departmental Material Specification DMS-4200 or DMS-4300.

PREFABRICATED PAVEMENT MARKINGS

Prefabricated pavement markings shall meet the requirements of DMS-8241.

Non-removable prefabricated pavement markings shall basic shall meet the requirements of DMS-8242.

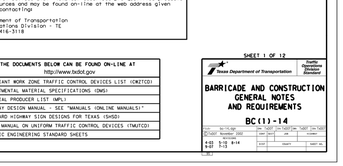
MAINTAINING WORK ZONE PAVEMENT MARKINGS

1. The Contractor will be responsible for maintaining work zone pavement markings within the work limits.
2. Work zone pavement markings shall be inspected in accordance with the frequency and reporting requirements of work zone traffic control device inspections as required by Item 502.
3. The markings should provide a visible reference for a minimum distance of 300 feet during normal daylight hours and 150 feet when illuminated by automobile low-beam headlights at night, unless slight distance is restricted by roadway geometrics.
4. Markings failing to meet this criteria within the first 30 days after placement will be replaced at the expense of the Contractor as per Specification Item 662.

REMOVAL OF PAVEMENT MARKINGS

1. Pavement markings that are no longer applicable, could create confusion due to new traffic patterns, or could cause an accident if driven over, shall be removed or obliterated before the roadway is opened to traffic.
2. The above shall not apply to detours in place for less than three days, where flagger's should supervise construction devices are used in lieu of markings to outline the detour route.
3. Pavement markings shall be removed to the fullest extent possible, by a method that will not damage the pavement. The method shall be approved by TxDOT Specification Item 677 for "Eliminating Existing Pavement Markings and Markers."
4. The removal of pavement markings may require resurfacing or seal coating portions of the roadway as described in Item 677.
5. Subject to the approval of the Engineer, any method that proves to be successful on a particular type pavement may be used.
6. Short sloping may be used but will not be required unless specifically shown in the plans.
7. Over-painting of the markings SHALL NOT BE permitted.
8. Removal of raised pavement markers shall be as directed by the Engineer.
9. Removal of existing pavement markings and markers will be paid for separately in accordance with Item 677, "ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS," unless otherwise stated in the plans.
10. Black-out marking tape may be used to cover conflicting existing markings for periods less than two weeks when approved by the Engineer.

Temporary Flexible-Reflective Roadway Marker Tabs



STAPLES OR NAILS SHALL NOT BE USED TO SECURE TEMPORARY FLEXIBLE-REFLECTIVE ROADWAY MARKER TABS TO THE PAVEMENT SURFACE

1. Temporary flexible-reflective roadway marker tabs used as guidelines shall meet the requirements of DMS-8251.
2. Tabs identified on this sheet are to be inspected and accepted by the Engineer. The Engineer reserves the right to sample and test (or have laboratory inspected, however at the option of the Engineer), a final "or" Tab below may be imposed to assure quality before placement on the roadway.
   a. Select five (5) or more tabs of random from each lot or shipment and submit to the Construction Division, Materials and Pavement Section for laboratory specification tests.
   b. Select five (5) tabs and perform the following test. With five tabs placed on a dry pavement surface, in a straight line, with a vehicle size passenger vehicle or pickup, run over the markers with the front and rear tires of a speed of 30 to 40 mph. The tabs shall not be damaged to the extent that there are 50 out of the five (5) reflective surfaces shall be lost or displaced as a result of this test.
3. Color: Retroreflective sheeting shall be colored between tab manufacturers.
4. See Standard Sheet BC(12)-14 for tab placement on one pavements. See Standard Sheet TCP(1-1)-13 for tab placement on skid post work.

RAISED PAVEMENT MARKERS USED AS GUIDEMARKS

1. Raised pavement markers used as guidemarks shall be from the approved product list, and meet the requirements of DMS-8263.
2. Non-reflective raised pavement markers: markers provided on a project shall be of the same manufacturer.
3. Adhesive for guidemarks shall be bituminous material hot applied or butyl rubber pad for dry surfaces, or manufacturer's for concrete surfaces.

Guidemarks shall be designated as:
YELLOW - two sided reflective surfaces with yellow body.
WHITE - two sided reflective surfaces with white body).

DEPARTMENTAL MATERIAL SPECIFICATIONS	
PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
TRAFFIC BUTTONS	DMS-4300
EPOXY AND ADHESIVES	DMS-6100
RETROREFLECTIVE ADHESIVES FOR PAVEMENT MARKERS	DMS-6130
FORMWORK PREFABRICATED PAVEMENT MARKINGS	DMS-8240
TEMPORARY REMOVABLE, PREFABRICATED PAVEMENT MARKINGS	DMS-8241
TEMPORARY FLEXIBLE, REFLECTIVE ROADWAY MARKER TABS	DMS-8242

A list of prequalified and reflective raised pavement markers, non-reflective traffic buttons, roadway marker tabs and other pavement marking materials may be found on the Materials Producer List web address shown on BC(1).

SHEET 11 OF 12

Texas Department of Transportation — Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PAVEMENT MARKINGS

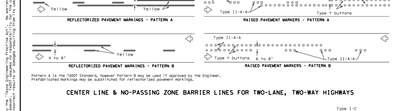
BC(11)-14

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT: November 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
9-07 8-14				
5-10	DIST	COUNTY		SHEET NO.

PAVEMENT MARKING PATTERNS

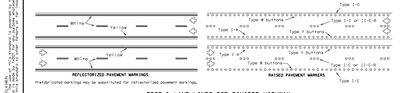
Pattern A is the TxDOT Standard, however Pattern B may be used if approved by the Engineer. Prefabricated markings may be substituted for reflectorized pavement markings.

CENTER LINE & NO-PASSING ZONE BARRIER LINES FOR TWO-LANE, TWO-WAY HIGHWAYS



Prefabricated markings may be substituted for reflectorized pavement markings.

EDGE & LANE LINES FOR DIVIDED HIGHWAY



Prefabricated markings may be substituted for reflectorized pavement markings.

LANE & CENTER LINES FOR MULTILANE UNDIVIDED HIGHWAYS

Prefabricated markings may be substituted for reflectorized pavement markings.

TWO-WAY LEFT TURN LANE

STANDARD WORK ZONE PAVEMENT MARKINGS DETAILS

Raised pavement markers used as standard pavement markings shall be from the approved products list and meet the requirements of Item 672 "RAISED PAVEMENT MARKERS."

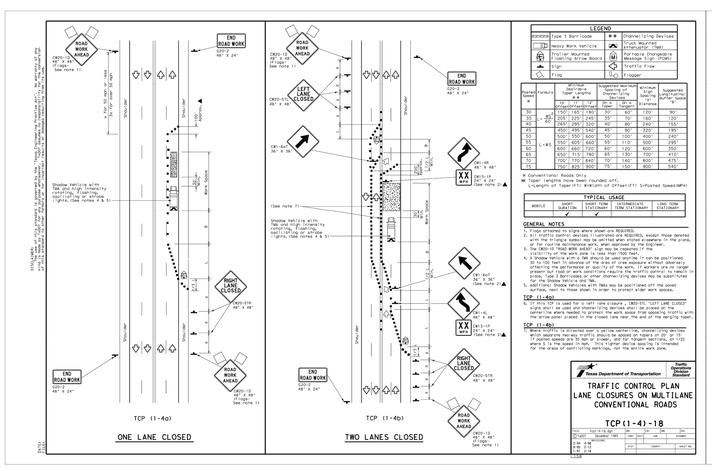
SHEET 12 OF 12

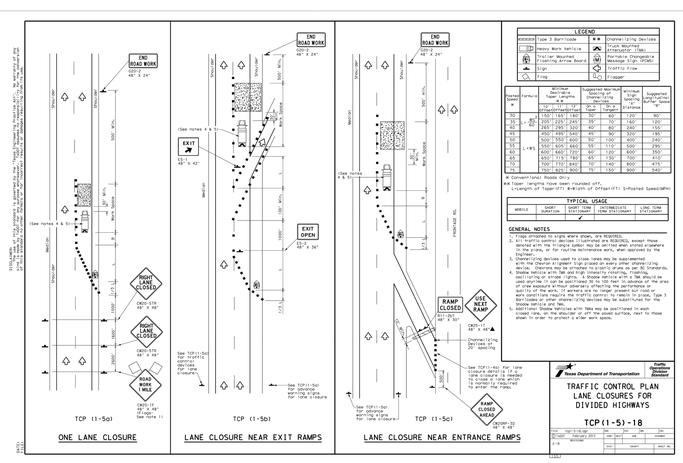
Texas Department of Transportation — Traffic Operations Division Standard

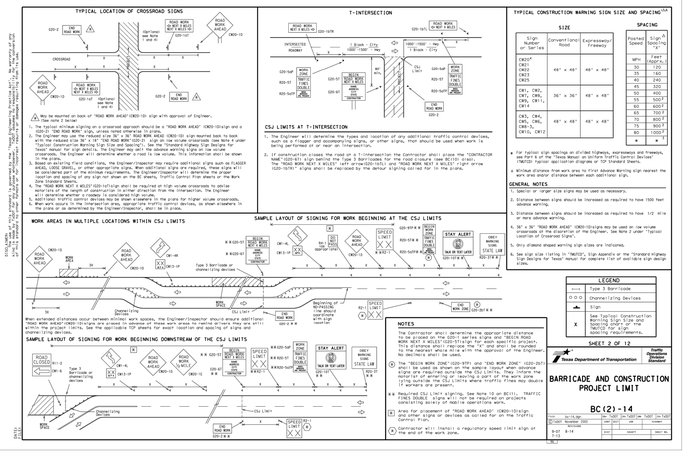
BARRICADE AND CONSTRUCTION PAVEMENT MARKING PATTERNS

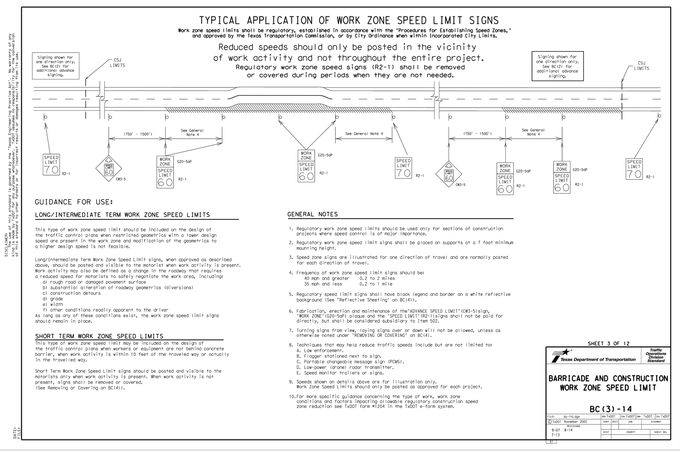
BC(12)-14

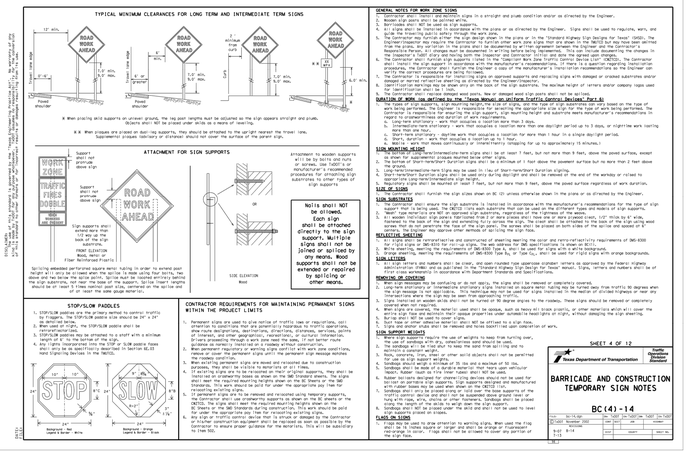
FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT: November 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
9-07 8-14				
5-10	DIST	COUNTY		SHEET NO.

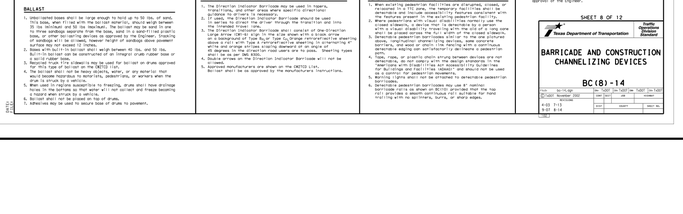

END ROAD WORK
48" X 24"
ROAD WORK AHEAD
CW20-1 48" X 48"
See Note 11
LEFT LANE CLOSED
CW20-5 48" X 48"
CW13-1P 36" X 36"
XX MPH
CW13-1 48" X 48"
See Note 2
RIGHT LANE CLOSED
CW20-5TR 48" X 48"
CW20-1C 48" X 24"
See Note 11
ROAD WORK 1 MILE
CW20-1E 48" X 48"
See Note 11
Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. (See notes 4 & 5)
Shoulder
Work Space
Traffic
(See note 7)
TCP (1-4a)
ONE LANE CLOSED
TCP (1-4b)
TWO LANES CLOSED
LEGEND
Type 3 Barricade
Channelizing Devices
Truck Mounted Attenuator (TMA)
Trailer Mounted Portable Changeable Message Sign (PCMS)
Arrow Board
Sign
Traffic Flow
Flagger
Channelizing Devices (See note 2)
Minimum Desirable Taper Lengths (Rounded) Tangent Spacing of Channelizing Devices (See note 3)
Minimum Sign Distance
Suggested Longitudinal Buffer Space
10' Lane Width
12' Lane Width
10' Lane Width
12' Lane Width
30 150' 180' 30' 60' 120' 90'
35 205' 245' 35' 70' 160' 120'
40 265' 320' 40' 80' 240' 155'
45 450' 495' 45' 90' 320' 195'
50 500' 600' 50' 100' 400' 240'
55 550' 660' 55' 110' 500' 295'
60 600' 720' 60' 120' 600' 350'
65 650' 780' 65' 130' 700' 410'
70 700' 840' 70' 140' 800' 475'
75 750' 825' 800' 75' 150' 900' 545'
L=WS for speeds 40 mph or less
L=WS/60 for speeds 45 mph or greater
Taper lengths have been rounded off.
L=Length of Taper (ft.), W=Width of Offset (ft.), S=Posted Speed (MPH)
TYPICAL USAGE
MOBILE — SHORT DURATION — SHORT TERM STATIONARY — INTERMEDIATE TERM STATIONARY — LONG TERM STATIONARY
GENERAL NOTES
1. Traffic shall be controlled by flaggers when shown on the TCP sheets.
2. All traffic control devices illustrated are REQUIRED, except those denoted with (See note 2), which are optional. Other devices may be used in the plans, or for road maintenance work, when approved by the Engineer.
3. The CW20-1E "ROAD WORK AHEAD" sign may be repeated 1/2 mile before the work area when the work area is 1 mile or more.
4. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
TCP (1-4c)
1. If this TCP is used for a left lane closure, CW20-5TL "LEFT LANE CLOSED" sign shall be used in advance of the lane closure. A Shadow Vehicle with a channelizing arrow device to protect the work space from approaching traffic with the arrow panel placed in the closed lane near the end of the merging taper.
2. Where traffic is directed over a yellow centerline, channelizing devices should be placed on the centerline. Where traffic is directed over a broken white or 2 parallel spaces are 8 to 40' or more, and for tangent sections, or 1200 feet or less in length, only longer devices spacing is intended for the areas of conflicting markings, not the entire work zone.
TCP (1-4d)
1. Where traffic is directed over a yellow centerline, channelizing devices should be placed on the centerline. Where traffic is directed over 2 parallel yellow lines, or 2 parallel spaces are 8 to 40' or more, and for tangent sections, or 1200 feet or less in length, only longer devices spacing is intended for the areas of conflicting markings, not the entire work zone.


END ROAD WORK
48" X 24"
SHOULDER CLOSED
CW20-5TR 48" X 48"
RAMP CLOSED
CW20-1J 48" X 48"
USE NEXT RAMP
CW20-1I 48" X 48"
ROAD WORK AHEAD
CW20-1C 48" X 24"
See Note 11
EXIT
48" X 48"
EXIT OPEN
48" X 36"
See TCP(1-5a) for advance warning signs for lane closure
See TCP(1-5a) for advance warning signs for ramp closure
See TCP(1-5a) for ramp closure detail if a ramp closure is needed to direct traffic to the ramp(s) required to enter the ramp.
Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. (See notes 4 & 5)
Shoulder
Work Space
Traffic
(See notes 4 & 5)
TCP (1-5a)
ONE LANE CLOSURE
TCP (1-5b)
LANE CLOSURE NEAR EXIT RAMPS
TCP (1-5c)
LANE CLOSURE NEAR ENTRANCE RAMPS
LEGEND
Type 3 Barricade
Channelizing Devices
Truck Mounted Attenuator (TMA)
Trailer Mounted Portable Changeable Message Sign (PCMS)
Arrow Board
Sign
Traffic Flow
Flagger
Channelizing Devices (See note 2)
Minimum Desirable Taper Lengths (Rounded) Tangent Spacing of Channelizing Devices (See note 3)
Minimum Sign Distance
Suggested Longitudinal Buffer Space
10' Lane Width
12' Lane Width
10' Lane Width
12' Lane Width
30 150' 180' 30' 60' 120' 90'
35 205' 245' 35' 70' 160' 120'
40 265' 320' 40' 80' 240' 155'
45 450' 495' 45' 90' 320' 195'
50 500' 600' 50' 100' 400' 240'
55 550' 660' 55' 110' 500' 295'
60 600' 720' 60' 120' 600' 350'
65 650' 780' 65' 130' 700' 410'
70 700' 840' 70' 140' 800' 475'
75 750' 825' 800' 75' 150' 900' 545'
L=WS for speeds 40 mph or less
L=WS/60 for speeds 45 mph or greater
Taper lengths have been rounded off.
L=Length of Taper (ft.), W=Width of Offset (ft.), S=Posted Speed (MPH)
TYPICAL USAGE
MOBILE — SHORT DURATION — SHORT TERM STATIONARY — INTERMEDIATE TERM STATIONARY — LONG TERM STATIONARY
GENERAL NOTES
1. Traffic shall be controlled by flaggers when shown on the TCP sheets.
2. All traffic control devices illustrated are REQUIRED, except those denoted with (See note 2), which are optional. Other devices may be used in the plans, or for road maintenance work, when approved by the Engineer.
3. Channelizing devices used to close lanes may be supplemented with the Chevron Alignment Sign placed on every other channelizing device, to emphasize the alignment of the temporary lane closure.
4. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
TCP (1-5a)
1. If this TCP is used for a ramp closure, CW20-5TR "RIGHT LANE CLOSED" sign shall be used in advance of the lane closure. A Shadow Vehicle with a channelizing arrow device to protect the work space from approaching traffic with the arrow panel placed in the closed lane near the end of the merging taper.
2. Where traffic is directed over a yellow centerline, channelizing devices should be placed on the centerline. Where traffic is directed over a broken white or 2 parallel yellow lines, or 2 parallel spaces are 8 to 40' or more, and for tangent sections, or 1200 feet or less in length, only longer devices spacing is intended for the areas of conflicting markings, not the entire work zone.
TCP (1-5b)
1. If this TCP is used for a ramp closure, CW20-5TR "RIGHT LANE CLOSED" sign shall be used in advance of the lane closure. A Shadow Vehicle with a channelizing arrow device to protect the work space from approaching traffic with the arrow panel placed in the closed lane near the end of the merging taper.
2. Where traffic is directed over a yellow centerline, channelizing devices should be placed on the centerline. Where traffic is directed over a broken white or 2 parallel yellow lines, or 2 parallel spaces are 8 to 40' or more, and for tangent sections, or 1200 feet or less in length, only longer devices spacing is intended for the areas of conflicting markings, not the entire work zone.
TCP (1-5c)
1. If this TCP is used for a ramp closure, CW20











Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE: JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

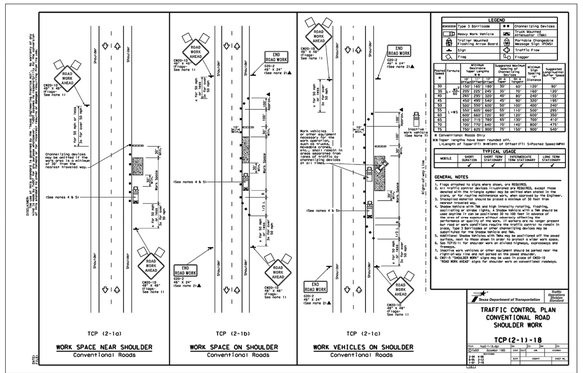
CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

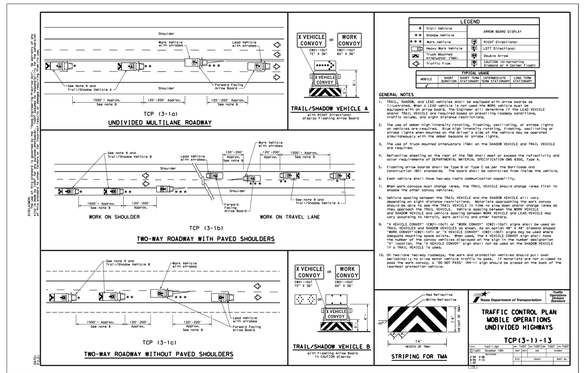
TRAFFIC CONTROL DETAILS (2 OF 3)

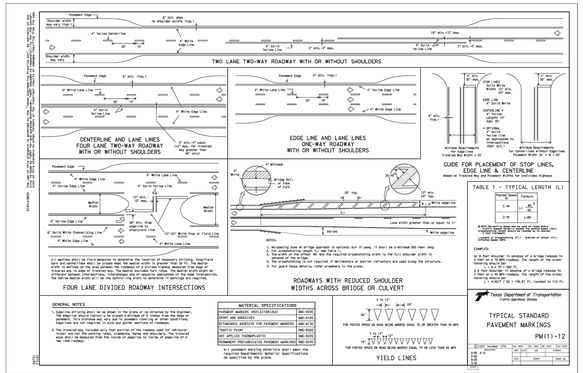
SHEET NUMBER
107 OF 108

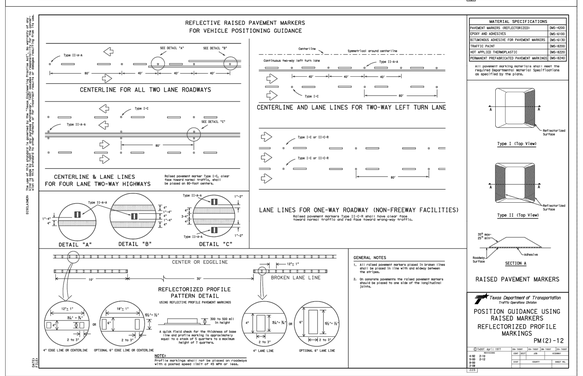
BENCHMARKS
IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

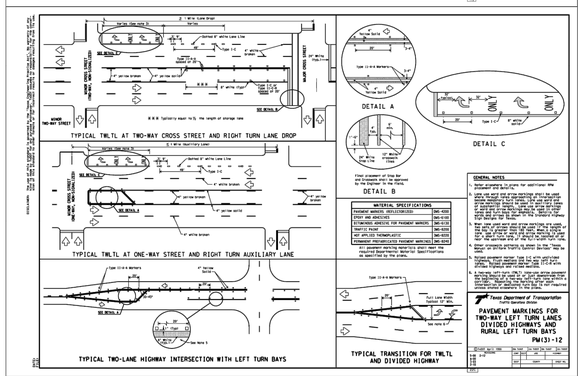
Plotted By: Hansen, Matthew Date: October 16, 2020 04:27:57pm File Path: K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving Details.dwg
The document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

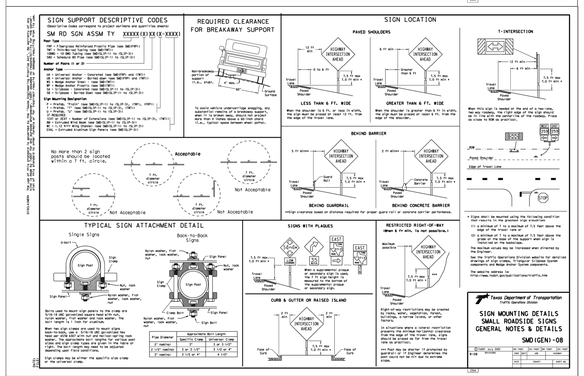


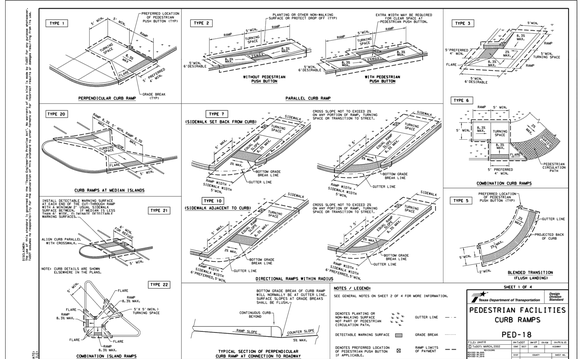


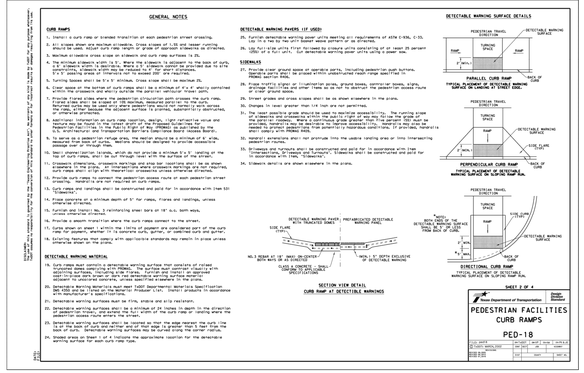


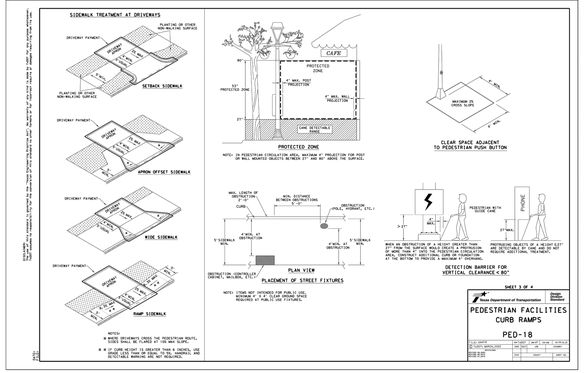


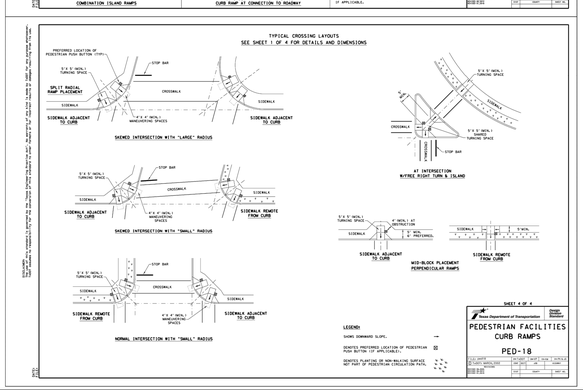












BENCHMARKS

IRON ROD SET IN ASPHALT
DRIVE IN NORTH R.O.W. OF
F.M. 973. ELEV. 616.68'

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE I, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237I
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-928

No.	REVISIONS	DATE	BY

STATE OF TEXAS
LUKE W. CARAWAY
125677
LICENSED
PROFESSIONAL ENGINEER
10/16/2020

KHA PROJECT 069278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WB,DM
DRAWN BY: DM,WB
CHECKED BY: LC

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

TRAFFIC CONTROL DETAILS (3 OF 3)

SHEET NUMBER
108 OF 108

Plotted By:Hansen, Matthew Date:October 16, 2020 - 04:28:07pm File Path:K:\SAU_Civil\069278800 Castlewood Single Family\Cad\PlanSheets\C-Paving Details.dwg
The document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.

AFFIDAVIT FOR RECORDATION

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

BEFORE ME, the undersigned authority, on this day personally appeared the undersigned affiant, who, first duly sworn upon his/her oath, did state:

"My name is Aaron Levy. I am over the age of eighteen years. Castlewood Developers, LLC (the "Owner", whether one or more) is/are the sole owner(s) of the property described in the plat of the subdivision to be known as Castlewood Subdivision PHASE 2 & 3 (the "Subdivision"). I am the Owner or authorized representative of the Owner. The original tax certificate(s) attached to the plat of the Subdivision describe all of the property contained within the Subdivision and all taxing entities with jurisdiction over the Subdivision."

(Signature)

Aaron Levy
(Printed Name)

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

Before me, the undersigned, a notary public in and for said county and state, on this day personally appeared Aaron Levy, known to me to be the person whose name is subscribed to the foregoing instrument.

Given under my hand and seal of office on this the 20 day of April, 2022.

NOTARY PUBLIC in and for the State of Texas

SEAL

My commission expires: June 21, 2023

ASHLEY NICOLE BYRNS
Notary ID #132061597
My Commission Expires
June 21, 2023

NOTICE:

This document waives rights unconditionally and states that you have been paid for giving up those rights. It is prohibited for a person to require you to sign this document if you have not been paid the payment amount set forth below. If you have not been paid, use a conditional release form.

UNCONDITIONAL WAIVER AND RELEASE ON FINAL PAYMENT

Project Castlewood Phase 2 & 3

Job No. 10-2231

The signer of this document has been paid in full for all labor, services, equipment, or materials furnished to the property or to **Castlewood Developers, LLC** (person with whom signer contracted) on the property of **Castlewood Developers, LLC** (owner) located at **FM 973, Taylor, TX** (location) to the following extent: **Castlewood Phase 2 & 3** (job description). The signer therefore waives and releases any mechanic's lien right, any right arising from a payment bond that complies with a state or federal statute, any common law payment bond right, any claim for payment, and any rights under any similar ordinance, rule, or statute related to claim or payment rights for persons in the signer's position.

The signer warrants that the signer has already paid or will use the funds received from this final payment to promptly pay in full all of the signer's laborers, subcontractors, materialmen, and suppliers for all work, materials, equipment, or services provided for or to the above referenced project up to the date of this waiver and release.

Date 8/31/2022

DNT Construction, LLC (Company name)

By _____ (Signature)

Dean Tomme, President (Title)

STATE OF TEXAS §
§
COUNTY OF Travis §

This instrument was acknowledged before me on this 31 day of August, 2022, by Dean Tomme (name), President (Job title) of DNT Construction, LLC (company name).

KRISTYNE WATLEY
Notary Public, State of Texas
Comm. Expires 03-18-2024
Notary ID 130588620

Kristyne Watley
NOTARY PUBLIC, STATE OF TEXAS

Kimley»Horn

Castlewood Subdivision Phase 2 & 3

ENGINEER'S CONCURRENCE
FOR
PROJECT ACCEPTANCE

PROJECT: Castlewood Subdivision Phase 2 & 3

Date: August 30, 2022

Owner's Name and Address

Townbridge Capital
PO Box 90638
Austin, Texas 78709

Consultant Engineer's Name and Address

Kimley-Horn and Associates, Inc.
5301 Southwest Pkwy, Uplands 2
(Building 2), Ste. 100
Austin, TX 78735

On this date, I, the undersigned Professional Engineer in the State of Texas, met with the Project Contractor and made a final visual inspection of the above referenced project. The items noted during the final walk-through on April 6th, 2022 and April 22nd, 2022, have been addressed. All improvements comply with the Subdivision Ordinance. All improvements have been constructed in accordance with the approved engineered plans. I, therefore, recommend acceptance of this project by the City of Taylor, Williamson County, Castlewood Subdivision Phase 2 & 3, and verify the adequate completion of the project.

There were no changes or plan deviations to the public infrastructure scope of work. Final Cost and Quantities along with the Final Pay App have been included as attachments.

Signature

William Buzzelli
Typed Name

TX # 133535
Texas Registration No.

Attachments

Cc: Mr. Aaron Levy, Townbridge Capital

STATE OF TEXAS
WILLIAM J. BUZZELLI
133535
LICENSED
PROFESSIONAL ENGINEER

8/30/22

DNT CONSTRUCTION

Castlewood Subdivision Phase 2 (KHA Project No. 069278800) 4/5/2022

FINAL COST AND QUANTITIES

B. WASTEWATER IMPROVEMENTS					CONTRACT
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT
1	8" PVC	2484	LF	$ 32.62	$81,028.08
2	4' MANHOLE	9	EA	$ 4,741.45	$42,673.05
3	4' DROP MANHOLE	1	EA	$ 8,157.15	$8,157.15
4	SINGLE SEWER SERVICE (STUB TO BACK OF UTILITY EASEM	10	EA	$ 1,071.96	$10,719.60
5	DOUBLE SEWER SERVICE (STUB TO BACK OF UTILITY EASE	39	EA	$ 1,698.01	$66,222.39
6	TRENCH SAFETY PROTECTION	2484	LF	$ 1.09	$2,707.56
7	TESTING	2484	LF	$ 1.09	$2,707.56
8	CONNECT TO EXIDTING STUB	3	EA	$ 971.32	$2,913.96
					$217,129.35

C. WATER IMPROVEMENTS					CONTRACT
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT
1	8" PVC (C-900)	2,652.00	LF	$ 29.85	$79,162.20
2	8" GATE VALVE	8	EA	$ 1,605.93	$12,847.44
3	FIRE HYDRANT ASSEMBLY	6	EA	$ 3,805.90	$22,835.40
4	12" X 8" CROSS	5	EA	$ 54.50	$272.50
5	12" X 8" TEE	3	EA	$ 54.50	$163.50
6	2" TEMPORARY FLUSH VALVE	3.00	EA	$ 827.82	$2,483.46
7	REMOVE TEMPORARY FLUSH VALVE	5	EA	$ 374.47	$1,872.35
8	SINGLE WATER SERVICE	8	EA	$ 1,060.73	$8,485.84
9	DOUBLE WATER SERVICE	40	EA	$ 1,588.62	$63,544.80
10	TRENCH SAFETY PROTECTION	2,652	LF	$ 0.55	$1,458.60
11	TESTING	2,652	LF	$ 1.09	$2,890.68
12	CONNECT TO EXISTING STUB	4	EA	$ 977.83	$3,911.32
					$199,928.09

D. STORMWATER MANAGEMENT					CONTRACT
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT
1	18" RCP 175' TxDot, 583' Subdivision	384	LF	$ 43.51	$16,707.84
2	24" RCP	555	LF	$ 52.35	$29,054.25
3	30" RCP	621	LF	$ 62.17	$38,607.57
4	4'x4' JUNCTION BOX	8	EA	$ 2,639.19	$21,113.52
5	10' CURB INLET	6	EA	$ 3,567.18	$21,403.08
6	4' GRATE INLET	3	EA	$ 3,666.26	$10,998.78
7	4' PILOT CHANNEL	1,140	SY	$ 92.18	$105,085.20
8	TRENCH SAFETY PROTECTION	1,560	LF	$ 2.53	$3,946.80
					$246,917.04

F. PAVEMENT AND APPURTENCES					CONTRACT
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT
1	6.0" MECHANICALLY STABILIZED LAYER - PER SQUARE YAR	1,137	SY	$ 8.04	$9,141.48
2	5.0" CLASS A CONCRETE - ALLEY	918	SY	$ 50.99	$46,808.82
3	ALLEY DRIVE	37	SY	$ 80.25	$2,969.25
4	SUBGRADE PREP	11,295	SY	$ 2.16	$24,397.20
5	HOT MIX ASPHALT CONCRETE PAVEMENT, 2.5", TYPE D - LO	7,920	SY	$ 13.24	$104,860.80
6	11" BASE	10,158	SY	$ 11.66	$118,442.28
7	TXDOT GRID - LOCAL	11,295	SY	$ 2.21	$24,961.95
8	6" CONCRETE CURB AND GUTTER	5,009	LF	$ 15.11	$75,685.99
9	CONCRETE 4.0' SIDEWALK	69	SY	$ 58.24	$4,018.56
10	SIDEWALK CURB RAMP, COMPLETE IN PLACE	18	EA	$ 1,129.04	$20,322.72
11	REVEGETATION OF ROW AND PUBLIC OPEN SPACE	1	LS	$ 19,114.56	$19,114.56
12	SIGNING AND STRIPING	1	LS	$ 6,805.96	$6,805.96
13	REMOVE TEMPORARY END OF ROAD BARRICADES	5	EA	$ 49.36	$246.80
14	PERMANENT END OF ROAD BARRICADES	2	EA	$ 1,453.33	$2,906.66
					$460,683.03

Total Improvements = $1,124,657.51

APPLICATION AND CERTIFICATE FOR PAYMENT/ DNT Construction

TO (OWNER 10389
Castlewood Developers, LLC
5511 Reynolds Road
Austin, TX 78749

PROJECT: 10-2231
Castlewood Phase 1

APPLICATION NO: **Seventeen (17) Retainage**
PERIOD TO: **5/1/22 - 5/31/22**

Distribution
$ -
$ -
$ -

CONTRACTOR:
DNT Construction
P O Box 6210
Round Rock, Texas 78683

ENGINEER:
Kimley Horn and Associates, Inc.
2600 Via Fortuna, Terrace 1, Suite 400
Austin, TX 78746

DNT CONSTRUCTION INVOICE NO. **2231-17 RET**

CONTRACT DATE:

CHANGE ORDER SUMMARY			
Change orders approved in previous months by Owner		ADDITIONS	DEDUCTIONS
	TOTAL	$0.00	($72,650.45)
Approved this Month			
Number	Date Approved		
1	7-Jan-21	$69,307.00	
2	2-Feb-21	$78,580.65	
3	17-Mar-21	$41,384.96	
4			
5	16-Apr-21	$9,509.31	
7	28-Jul-21	$37,910.00	
8	28-Jul-21	$9,306.00	
9	21-Dec-21		($72,650.45)
11	16-Aug-21	$62,259.60	
12	4-Oct-21	$35,776.00	
13	20-Sep-21	$4,530.16	
14	20-Jul-21	$105,621.24	
15	19-Jan-22	$44,607.98	
	TOTALS	$498,792.90	($72,650.45)
Net change by Change Orders		$426,142.45	

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet Attached

1	**ORIGINAL CONTRACT SUM**	$ 7,428,804.77
2	**Net change by Change Orders**	$ 426,142.45
3	**CONTRACT SUM TO DATE**	$ 7,854,947.22
4	**TOTAL COMPLETED & STORED TO DATE** (Column G on J703)	$ 7,854,947.22
5	**Retainage:**	
	a. 10 % of Cpt Wk (Column D + E on J703)	$ -
	b. _10_% of Stored Mtl	$ -
	(Column F on J703)	
	Total Retainage (Line 5a + 5b or (Total in Column 1 of J703)	$ -
6	**TOTAL EARNED LESS RETAINAGE** (Line 4 less 5 Total)	$ 7,854,947.22
7	**LESS PREVIOUS CERTIFICATES FOR PAYMENT** (Line 6 from prior Certificates)	$ 7,721,935.65
8	**CURRENT PAYMENT DUE**	**$ 133,011.57**
9	**BALANCE TO FINISH, PLUS RETAINAGE** (Line 3 less Line 6)	$ -

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: DNT CONSTRUCTION, LLC

By: Kristyne Watley Date: 5/11/2022
Kristyne Watley, Contract Administrator

State of: TEXAS County of: TRAVIS
Subscribed and sworn to before me this 11 day of May, 2022
Notary Public: **Yesenia Flores**
My Commission expires: **12/3/2024**

YESENIA FLORES
Notary Public, State of Texas
Comm. Expires 12-03-2024
Notary ID 130918934

ENGINEER CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED
(Attach explanation if amount certified differs from the amount applied for.)
ENGINEER

By: _____ Date: 5/15/2022

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

DNT CONSTRUCTION MONTHLY PROGRESS PAYMENT

CONTRACT: Castlewood Phase 1

PROGRESS PAYMENT NO: **Seventeen (17)**
PROGRESS PAYMENT PERIOD: **5/1/22 - 5/31/22**

CONTRACTOR: DNT CONSTRUCTION
P O Box 6210
Round Rock, Texas 78683

Phase 1

A. EROSION CONTROL					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	MOBILIZATION	1	LS	$ 63,256.84	$63,256.84	1.00	0.00	1.00	$63,256.84	$63,256.84	$0.00	100%
2	CLEARING AND GRUBBING	50.88	AC	$ 306.72	$15,605.91	50.88	0.00	50.88	$15,605.91	$15,605.91	$0.00	100%
3	EXCAVATION	83865	CY	$ 2.37	$198,760.05	83865.00	0.00	83865.00	$198,760.05	$198,760.05	$0.00	100%
4	EMBANKMENT	128883	CY	$ 1.33	$171,414.39	128883.00	0.00	128883.00	$171,414.39	$171,414.39	$0.00	100%
5	IMPORT	33980	CY	$ 8.72	$296,305.60	33980.00	0.00	33980.00	$296,305.60	$296,305.60	$0.00	100%
6	ADDITIONAL IMPORT DUE TO TOPO DIFFERANCE	7385	CY	$ 8.72	$64,397.20	7385.00	0.00	7385.00	$64,397.20	$64,397.20	$0.00	100%
7	LOT PAD	239	LOT	$ 218.38	$52,192.82	239.00	0.00	239.00	$52,192.82	$52,192.82	$0.00	100%
8	INLET PROTECTION	35	EA	$ 70.85	$2,479.75	35.00	0.00	35.00	$2,479.75	$2,479.75	$0.00	100%
9	CONCRETE WASHOUT AREA	3	EA	$ 599.50	$1,798.50	3.00	0.00	3.00	$1,798.50	$1,798.50	$0.00	100%
10	ROCK GRAVITY RETAINING WALLS	5227	SF	$ 22.38	$116,980.26	5227.00	0.00	5227.00	$116,980.26	$116,980.26	$0.00	100%
11	ROCK GRAVITY RETAINING WALLS AT POND	1	LS	$ 24,267.40	$24,267.40	1.00	0.00	1.00	$24,267.40	$24,267.40	$0.00	100%
12	STABILIZE CONSTRUCTION ENTRANCE	1	EA	$ 981.00	$981.00	1.00	0.00	1.00	$981.00	$981.00	$0.00	100%
13	SILT FENCE	3,480.00	LF	$ 2.45	$8,526.00	3480.00	0.00	3480.00	$8,526.00	$8,526.00	$0.00	100%
					$1,016,965.72				**$1,016,965.72**	**$1,016,965.72**	**$0.00**	100%

B. WASTEWATER IMPROVEMENTS					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	8" PVC	6209	LF	$ 30.40	$188,753.60	6209.00	0.00	6209.00	$188,753.60	$188,753.60	$0.00	100%
2	18" PVC	2236	LF	$ 59.25	$132,483.00	2236.00	0.00	2236.00	$132,483.00	$132,483.00	$0.00	100%
3	18" PVC BORE w/ 24" STEEL ENCASEMENT per plan. My need to be larger	206	LF	$ 767.62	$158,129.72	206.00	0.00	206.00	$158,129.72	$158,129.72	$0.00	100%
4	4' MANHOLE	26	EA	$ 4,741.45	$123,277.70	26.00	0.00	26.00	$123,277.70	$123,277.70	$0.00	100%
5	4' DROP MANHOLE	3	EA	$ 6,817.61	$20,452.83	3.00	0.00	3.00	$20,452.83	$20,452.83	$0.00	100%
6	SINGLE SEWER SERVICE (STUB TO BACK OF UTILITY EASEMENT)	23	EA	$ 1,071.96	$24,655.08	23.00	0.00	23.00	$24,655.08	$24,655.08	$0.00	100%
7	DOUBLE SEWER SERVICE (STUB TO BACK OF UTILITY EASEMENT)	64	EA	$ 1,698.01	$108,672.64	64.00	0.00	64.00	$108,672.64	$108,672.64	$0.00	100%
8	8" PLUG	8	EA	$ 27.25	$218.00	8.00	0.00	8.00	$218.00	$218.00	$0.00	100%
9	TRENCH SAFETY PROTECTION	8445	LF	$ 1.09	$9,205.05	8445.00	0.00	8445.00	$9,205.05	$9,205.05	$0.00	100%
10	TESTING	8445	LF	$ 1.09	$9,205.05	8445.00	0.00	8445.00	$9,205.05	$9,205.05	$0.00	100%
11	CONNECT TO EXISTING WW MH AND REHAB	1	EA	$ 20,849.01	$20,849.01	1.00	0.00	1.00	$20,849.01	$20,849.01	$0.00	100%
					$795,901.68				**$795,901.68**	**$795,901.68**	**$0.00**	**100%**

C. WATER IMPROVEMENTS					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	8" PVC (C-900)	4,716.00	LF	$ 29.85	$140,772.60	4716.00	0.00	4716.00	$140,772.60	$140,772.60	$0.00	100%
2	12" PVC (C-900)	2,747	LF	$ 49.71	$136,553.37	2747.00	0.00	2747.00	$136,553.37	$136,553.37	$0.00	100%
3	12" PVC BORE w/ 24" STEEL ENCASEMENT. Plan calls for 18"	400	LF	$ 577.22	$230,888.00	400.00	0.00	400.00	$230,888.00	$230,888.00	$0.00	100%
4	8" GATE VALVE	21	EA	$ 1,605.93	$33,724.53	21.00	0.00	21.00	$33,724.53	$33,724.53	$0.00	100%
5	12" GATE VALVE	12	EA	$ 2,712.11	$32,545.32	12.00	0.00	12.00	$32,545.32	$32,545.32	$0.00	100%
6	FIRE HYDRANT ASSEMBLY	11	EA	$ 3,805.90	$41,864.90	11.00	0.00	11.00	$41,864.90	$41,864.90	$0.00	100%
7	12" X 8" CROSS	2.00	EA	$ 54.50	$109.00	2.00	0.00	2.00	$109.00	$109.00	$0.00	100%
8	8"x8" TEE	4	EA	$ 54.50	$218.00	4.00	0.00	4.00	$218.00	$218.00	$0.00	100%
9	12" X 8" TEE	6.00	EA	$ 54.50	$327.00	6.00	0.00	6.00	$327.00	$327.00	$0.00	100%
10	24" X 12" TAPPING SLEEVE	2	EA	$ 13,511.29	$27,022.58	2.00	0.00	2.00	$27,022.58	$27,022.58	$0.00	100%
11	CONNECT TO EXISTING 24" WATER LINE	2	EA	$ 2,444.59	$4,889.18	2.00	0.00	2.00	$4,889.18	$4,889.18	$0.00	100%
12	2" TEMPORARY FLUSH VALVE	8	EA	$ 827.82	$6,622.56	8.00	0.00	8.00	$6,622.56	$6,622.56	$0.00	100%
13	REMOVE TEMPORARY FLUSH VALVE	4	EA	$ 374.47	$1,497.88	4.00	0.00	4.00	$1,497.88	$1,497.88	$0.00	100%
14	SINGLE WATER SERVICE	15	EA	$ 1,060.73	$15,910.95	15.00	0.00	15.00	$15,910.95	$15,910.95	$0.00	100%
15	DOUBLE WATER SERVICE	68	EA	$ 1,588.62	$108,026.16	68.00	0.00	68.00	$108,026.16	$108,026.16	$0.00	100%
16	TRENCH SAFETY PROTECTION	7,463	LF	$ 0.55	$4,104.65	7463.00	0.00	7463.00	$4,104.65	$4,104.65	$0.00	100%
17	TESTING	7,463	LF	$ 1.09	$8,134.67	7463.00	0.00	7463.00	$8,134.67	$8,134.67	$0.00	100%
18	24 CASING	55	LF	$ 140.32	$7,717.60	55.00	0.00	55.00	$7,717.60	$7,717.60	$0.00	100%
					$800,928.95				**$800,928.95**	**$800,928.95**	**$0.00**	100%

D. STORMWATER MANAGEMENT					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	18" RCP 175' TxDot, 583' Subdivision	758	LF	$ 43.51	$32,980.58	758.00	0.00	758.00	$32,980.58	$32,980.58	$0.00	100%
2	24" RCP	1,084	LF	$ 52.35	$56,747.40	1084.00	0.00	1084.00	$56,747.40	$56,747.40	$0.00	100%
3	30" RCP	122	LF	$ 62.17	$7,584.74	122.00	0.00	122.00	$7,584.74	$7,584.74	$0.00	100%
4	36" RCP	678	LF	$ 92.45	$62,681.10	678.00	0.00	678.00	$62,681.10	$62,681.10	$0.00	100%
5	4'x3' RCB	1,269	LF	$ 208.10	$264,078.90	1269.00	0.00	1269.00	$264,078.90	$264,078.90	$0.00	100%
6	6'x3' RCB	763	LF	$ 313.70	$239,353.10	763.00	0.00	763.00	$239,353.10	$239,353.10	$0.00	100%
7	6'x4' RCB	176	LF	$ 363.76	$64,021.76	176.00	0.00	176.00	$64,021.76	$64,021.76	$0.00	100%
8	7'x4' RCB	207	LF	$ 435.45	$90,138.15	207.00	0.00	207.00	$90,138.15	$90,138.15	$0.00	100%
9	24" HDPE	35	LF	$ 47.24	$1,653.40	35.00	0.00	35.00	$1,653.40	$1,653.40	$0.00	100%

DNT CONSTRUCTION MONTHLY PROGRESS PAYMENT

CONTRACT: Castlewood Phase 1

PROGRESS PAYMENT NO: **Seventeen (17)**
PROGRESS PAYMENT PERIOD: **5/1/22 - 5/31/22**

CONTRACTOR: DNT CONSTRUCTION
P O Box 6210
Round Rock, Texas 78683

10	30" HDPE	104	LF	$ 50.46	$5,247.84	104.00	0.00	104.00	$5,247.84	$5,247.84	$0.00	100%
11	36" HDPE	42	LF	$ 61.50	$2,583.00	42.00	0.00	42.00	$2,583.00	$2,583.00	$0.00	100%
12	4'x4' JUNCTION BOX	10	EA	$ 2,639.19	$26,391.90	10.00	0.00	10.00	$26,391.90	$26,391.90	$0.00	100%
13	5'x3' JUNCTION BOX	3	EA	$ 2,974.68	$8,924.04	3.00	0.00	3.00	$8,924.04	$8,924.04	$0.00	100%
14	5'x4' JUNCTION BOX	3	EA	$ 2,974.68	$8,924.04	3.00	0.00	3.00	$8,924.04	$8,924.04	$0.00	100%
15	5'x5' JUNCTION BOX	7	EA	$ 3,033.96	$21,237.72	7.00	0.00	7.00	$21,237.72	$21,237.72	$0.00	100%
16	7x4' JUNCTION BOX	2	EA	$ 4,589.50	$9,179.00	2.00	0.00	2.00	$9,179.00	$9,179.00	$0.00	100%
17	8x4' JUNCTION BOX	5	EA	$ 4,876.85	$24,384.25	5.00	0.00	5.00	$24,384.25	$24,384.25	$0.00	100%
18	8x5' JUNCTION BOX	1	EA	$ 5,045.27	$5,045.27	1.00	0.00	1.00	$5,045.27	$5,045.27	$0.00	100%
19	9x7' JUNCTION BOX	1	EA	$ 8,617.69	$8,617.69	1.00	0.00	1.00	$8,617.69	$8,617.69	$0.00	100%
20	8'x8' JUNCTION BOX	3	EA	$ 8,362.58	$25,087.74	3.00	0.00	3.00	$25,087.74	$25,087.74	$0.00	100%
21	10' CURB INLET	31	EA	$ 3,567.18	$110,582.58	31.00	0.00	31.00	$110,582.58	$110,582.58	$0.00	100%
22	4' GRATE INLET	4	EA	$ 3,666.26	$14,665.04	4.00	0.00	4.00	$14,665.04	$14,665.04	$0.00	100%
23	SLOPED HEADWALL	6	EA	$ 4,649.24	$27,895.44	6.00	0.00	6.00	$27,895.44	$27,895.44	$0.00	100%
24	4' PILOT CHANNEL	1,500	SY	$ 92.18	$138,270.00	1500.00	0.00	1500.00	$138,270.00	$138,270.00	$0.00	100%
25	12"-18" ROCK RIP RAP	500	SY	$ 15.68	$7,840.00	500.00	0.00	500.00	$7,840.00	$7,840.00	$0.00	100%
26	CURLEX MATTING	1	LS	$ 23,644.28	$23,644.28	1.00	0.00	1.00	$23,644.28	$23,644.28	$0.00	100%
27	HIGH VELOCITY CURLEX MATTING	1	LS	$ 18,083.10	$18,083.10	1.00	0.00	1.00	$18,083.10	$18,083.10	$0.00	100%
28	TRENCH SAFETY PROTECTION	5,238	LF	$ 2.53	$13,252.14	5238.00	0.00	5238.00	$13,252.14	$13,252.14	$0.00	100%
					$1,319,094.20				**$1,319,094.20**	**$1,319,094.20**	**$0.00**	100%

D1. OFFSITE STORMWATER MANAGEMENT					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	36" RCP	141	LF	$ 92.29	$13,012.89	141.00	0.00	141.00	$13,012.89	$13,012.89	$0.00	100%
2	48" RCP	571	LF	$ 152.85	$87,277.35	571.00	0.00	571.00	$87,277.35	$87,277.35	$0.00	100%
3	54" HDPE	1,294	LF	$ 131.77	$170,510.38	1294.00	0.00	1294.00	$170,510.38	$170,510.38	$0.00	100%
4	36" SET	2	EA	$ 3,258.57	$6,517.14	2.00	0.00	2.00	$6,517.14	$6,517.14	$0.00	100%
5	48" SET	1	EA	$ 3,983.42	$3,983.42	1.00	0.00	1.00	$3,983.42	$3,983.42	$0.00	100%
6	2-48" SET TXDOT ROW WITH PIPE RUNNERS	4	EA	$ 15,192.69	$60,770.76	4.00	0.00	4.00	$60,770.76	$60,770.76	$0.00	100%
7	1-54" SET	1	EA	$ 5,220.02	$5,220.02	1.00	0.00	1.00	$5,220.02	$5,220.02	$0.00	100%
8	6X3 BOX CULVERT	100	EA	$ 317.49	$31,749.00	100.00	0.00	100.00	$31,749.00	$31,749.00	$0.00	100%
9	4x4 BOX CULVERT	22	LF	$ 301.49	$6,632.78	22.00	0.00	22.00	$6,632.78	$6,632.78	$0.00	100%
10	11X4 JUNCTION BOX	4	EA	$ 6,673.53	$26,694.12	4.00	0.00	4.00	$26,694.12	$26,694.12	$0.00	100%
11	10X4 JUNCTION BOX	1	LF	$ 5,496.85	$5,496.85	1.00	0.00	1.00	$5,496.85	$5,496.85	$0.00	100%
12	6X6 JUNCTION BOX	1	EA	$ 6,248.36	$6,248.36	1.00	0.00	1.00	$6,248.36	$6,248.36	$0.00	100%
13	6X4 JUNCTION BOX	2	EA	$ 8,481.96	$16,963.92	2.00	0.00	2.00	$16,963.92	$16,963.92	$0.00	100%
14	5X5 JUNCTION BOX	1	EA	$ 5,021.02	$5,021.02	1.00	0.00	1.00	$5,021.02	$5,021.02	$0.00	100%
15	4X4 JUNCTION BOX	1	EA	$ 2,471.51	$2,471.51	1.00	0.00	1.00	$2,471.51	$2,471.51	$0.00	100%
16	TRENCH SAFETY	2,006	LF	$ 1.09	$2,186.54	2006.00	0.00	2006.00	$2,186.54	$2,186.54	$0.00	100%
					$450,756.06				**$450,756.06**	**$450,756.06**	**$0.00**	100%

E. WATER QUALITY & DETENTION IMPROVEMENTS					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	DETENTION POND OUTFALL STRUCTURE	1	LS	$ 91,291.32	$91,291.32	1.00	0.00	1.00	$91,291.32	$91,291.32	$0.00	100%
2	SLOPED HEADWALL	4	EA	$ 7,489.68	$29,958.72	4.00	0.00	4.00	$29,958.72	$29,958.72	$0.00	100%
3	4' CONCRETE TRICKLE CHANNEL	469	SY	$ 82.01	$38,462.69	469.00	0.00	469.00	$38,462.69	$38,462.69	$0.00	100%
4	12"-18" ROCK RIP RAP	514	SY	$ 50.07	$25,735.98	514.00	0.00	514.00	$25,735.98	$25,735.98	$0.00	100%
5	EROSION CONTROL MATTING	330	SY	$ 1.58	$521.40	330.00	0.00	330.00	$521.40	$521.40	$0.00	100%
6	CONCRETE SPLASH PAD	34	SY	$ 162.20	$5,514.80	34.00	0.00	34.00	$5,514.80	$5,514.80	$0.00	100%
					$191,484.91				**$191,484.91**	**$191,484.91**	**$0.00**	100%

F. PAVEMENT AND APPURTENCES					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	DECELERATION LANE (TOTAL OF 2 DECEL LANES, PHASE 1 & PHASE 3)	1	LS	$ 127,195.16	$127,195.16	1.00	0.00	1.00	$127,195.16	$127,195.16	$0.00	100%
2	8.0" LIME TREATED SUBGRADE - PER SQUARE YARD, TURN LANE ONLY	2,336	SY	$ 10.60	$24,761.60	2336.00	0.00	2336.00	$24,761.60	$24,761.60	$0.00	100%
3	6.0" MECHANICALLY STABILIZED LAYER - PER SQUARE YARD, ALLEY	3,841	SY	$ 5.79	$22,239.39	3841.00	0.00	3841.00	$22,239.39	$22,239.39	$0.00	100%
4	5.0" CLASS A CONCRETE - ALLEY	2,152	SY	$ 50.99	$109,730.48	2152.00	0.00	2152.00	$109,730.48	$109,730.48	$0.00	100%
5	ALLEY DRIVE	190	SY	$ 80.25	$15,247.50	190.00	0.00	190.00	$15,247.50	$15,247.50	$0.00	100%
6	SUBGRADE PREP	29,160	SY	$ 1.92	$55,987.20	29160.00	0.00	29160.00	$55,987.20	$55,987.20	$0.00	100%
7	HOT MIX ASPHALT CONCRETE PAVEMENT, 2.5", TYPE D - LOCAL	18,302	SY	$ 13.24	$242,318.48	18302.00	0.00	18302.00	$242,318.48	$242,318.48	$0.00	100%
8	11" BASE	23,334	SY	$ 10.61	$247,573.74	23334.00	0.00	23334.00	$247,573.74	$247,573.74	$0.00	100%
9	TXDOT GRID - LOCAL	23,334	SY	$ 2.21	$51,568.14	23334.00	0.00	23334.00	$51,568.14	$51,568.14	$0.00	100%
10	HOTMIX, 3.5" - COLLECTOR	3,006	SY	$ 19.08	$57,354.48	3006.00	0.00	3006.00	$57,354.48	$57,354.48	$0.00	100%
11	16" BASE - COLLECTOR	3,628	SY	$ 15.46	$56,088.88	3628.00	0.00	3628.00	$56,088.88	$56,088.88	$0.00	100%
12	TXDOR GRID - COLLECTOR	3,628	SY	$ 2.21	$8,017.88	3628.00	0.00	3628.00	$8,017.88	$8,017.88	$0.00	100%
13	6" CONCRETE CURB AND GUTTER	12,658	LF	$ 15.11	$191,262.38	12658.00	0.00	12658.00	$191,262.38	$191,262.38	$0.00	100%

DNT CONSTRUCTION MONTHLY PROGRESS PAYMENT

CONTRACT: Castlewood Phase 1

PROGRESS PAYMENT NO: **Seventeen (17)**
PROGRESS PAYMENT PERIOD: **5/1/22 - 5/31/22**

CONTRACTOR: DNT CONSTRUCTION
P O Box 6210
Round Rock, Texas 78683

14	CONCRETE 4.0' SIDEWALK	1,105	SY	$ 58.24	$64,355.20	1105.00	0.00	1105.00	$64,355.20	$64,355.20	$0.00	100%
15	CONCRETE 6.0' SIDEWALK	702	SY	$ 58.24	$40,884.48	702.00	0.00	702.00	$40,884.48	$40,884.48	$0.00	100%
16	SIDEWALK CURB RAMP, COMPLETE IN PLACE	65	EA	$ 1,129.04	$73,387.60	65.00	0.00	65.00	$73,387.60	$73,387.60	$0.00	100%
17	REVEGETATION OF ROW AND PUBLIC OPEN SPACE	1	LS	$ 187,189.70	$187,189.70	1.00	0.00	1.00	$187,189.70	$187,189.70	$0.00	100%
18	SIGNING AND STRIPING	1	LS	$ 28,643.02	$28,643.02	1.00	0.00	1.00	$28,643.02	$28,643.02	$0.00	100%
19	TEMPORARY END OF ROAD BARRICADES	5	EA	$ 566.80	$2,834.00	5.00	0.00	5.00	$2,834.00	$2,834.00	$0.00	100%
20	PERMANENT END OF ROAD BARRICADES	4	EA	$ 1,453.33	$5,813.32	4.00	0.00	4.00	$5,813.32	$5,813.32	$0.00	100%
					$1,612,452.63				**$1,612,452.63**	**$1,612,452.63**	**$0.00**	100%

ITEMS FOUND ON PLAN WITH NO BID ITEM					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	4" SCH 40 Sleeve	377	LF	$ 14.11	$5,319.47	377.00	0.00	377.00	$5,319.47	$5,319.47	$0.00	100%
2	8" SCH 40 Sleeve	122	LF	$ 23.22	$2,832.84	122.00	0.00	122.00	$2,832.84	$2,832.84	$0.00	100%
					$8,152.31				**$8,152.31**	**$8,152.31**	**$0.00**	100%

Offsite Oncor Improvements					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	Mobilization, Supervision, Layout	1	LS	$ 6,720.00	$6,720.00	1.00	0.00	1.00	$6,720.00	$6,720.00	$0.00	100%
2	Trench Excavation	2,248	LF	$ 7.30	$16,410.40	2248.00	0.00	2248.00	$16,410.40	$16,410.40	$0.00	100%
3	6" Conduit Install	5,106	LF	$ 2.34	$11,948.04	5106.00	0.00	5106.00	$11,948.04	$11,948.04	$0.00	100%
4	Switchgear	2	EA	$ 1,482.14	$2,964.28	2.00	0.00	2.00	$2,964.28	$2,964.28	$0.00	100%
5	4x8 Pull Box	4	EA	$ 1,482.14	$5,928.56	4.00	0.00	4.00	$5,928.56	$5,928.56	$0.00	100%
6	Riser Pole	2	EA	$ 1,927.58	$3,855.16	2.00	0.00	2.00	$3,855.16	$3,855.16	$0.00	100%
7	Street Bore	800	LF	$ 158.92	$127,136.00	800.00	0.00	800.00	$127,136.00	$127,136.00	$0.00	100%
					$174,962.44				**$174,962.44**	**$174,962.44**	**$0.00**	100%

Oncor Internal Improvements Phase 1 - Preliminary					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	Mobilization, Supervision, Layout	1	LS	$ 27,570.00	$27,570.00	1.00	0.00	1.00	$27,570.00	$27,570.00	$0.00	100%
2	Trench Excavation	8,270	LF	$ 7.04	$58,220.80	8270.00	0.00	8270.00	$58,220.80	$58,220.80	$0.00	100%
3	2" Conduit Installation	5,952	LF	$ 1.98	$11,784.96	5952.00	0.00	5952.00	$11,784.96	$11,784.96	$0.00	100%
4	3" Conduit Installation	5,860	LF	$ 1.96	$11,485.60	5860.00	0.00	5860.00	$11,485.60	$11,485.60	$0.00	100%
5	Transformer Pad	19	EA	$ 897.39	$17,050.41	19.00	0.00	19.00	$17,050.41	$17,050.41	$0.00	100%
6	Secondary Pedestals	72	EA	$ 129.66	$9,335.52	72.00	0.00	72.00	$9,335.52	$9,335.52	$0.00	100%
7	Street Light Foundations	38	EA	$ 484.08	$18,395.04	38.00	0.00	38.00	$18,395.04	$18,395.04	$0.00	100%
					$153,842.33				**$153,842.33**	**$153,842.33**	**$0.00**	100%

					CONTRACT	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	DNT TEAM CONTRIBUTION	1	LS	$ (262,088.41)	($262,088.41)	1.00	0.00	1.00	($262,088.41)	($262,088.41)	$0.00	100%
					($262,088.41)				**($262,088.41)**	**($262,088.41)**	**$0.00**	100%

Phase 2

A. EROSION CONTROL					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	MOBILIZATION	1	LS	$ 41,269.34	$41,269.34	1.00	0.00	1.00	$41,269.34	$41,269.34	$0.00	100%
2	INLET PROTECTION	6.00	EA	$ 70.85	$425.10	6.00	0.00	6.00	$425.10	$425.10	$0.00	100%
					$41,694.44				**$41,694.44**	**$41,694.44**	**$0.00**	100%

B. WASTEWATER IMPROVEMENTS					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	8" PVC	2484	LF	$ 32.62	$81,028.08	2484.00	0.00	2484.00	$81,028.08	$81,028.08	$0.00	100%
2	4' MANHOLE	9	EA	$ 4,741.45	$42,673.05	9.00	0.00	9.00	$42,673.05	$42,673.05	$0.00	100%
3	4' DROP MANHOLE	1	EA	$ 8,157.15	$8,157.15	1.00	0.00	1.00	$8,157.15	$8,157.15	$0.00	100%
4	SINGLE SEWER SERVICE (STUB TO BACK OF UTILITY EASEMENT)	10	EA	$ 1,071.96	$10,719.60	10.00	0.00	10.00	$10,719.60	$10,719.60	$0.00	100%
5	DOUBLE SEWER SERVICE (STUB TO BACK OF UTILITY EASEMENT)	39	EA	$ 1,698.01	$66,222.39	39.00	0.00	39.00	$66,222.39	$66,222.39	$0.00	100%
6	TRENCH SAFETY PROTECTION	2484	LF	$ 1.09	$2,707.56	2484.00	0.00	2484.00	$2,707.56	$2,707.56	$0.00	100%
7	TESTING	2484	LF	$ 1.09	$2,707.56	2484.00	0.00	2484.00	$2,707.56	$2,707.56	$0.00	100%
8	CONNECT TO EXIDTING STUB	3	EA	$ 971.32	$2,913.96	3.00	0.00	3.00	$2,913.96	$2,913.96	$0.00	100%
					$217,129.35				**$217,129.35**	**$217,129.35**	**$0.00**	**100%**

C. WATER IMPROVEMENTS					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	8" PVC (C-900)	2,652.00	LF	$ 29.85	$79,162.20	2652.00	0.00	2652.00	$79,162.20	$79,162.20	$0.00	100%
2	8" GATE VALVE	8	EA	$ 1,605.93	$12,847.44	8.00	0.00	8.00	$12,847.44	$12,847.44	$0.00	100%

DNT CONSTRUCTION MONTHLY PROGRESS PAYMENT

CONTRACT: Castlewood Phase 1

PROGRESS PAYMENT NO: **Seventeen (17)**
PROGRESS PAYMENT PERIOD: **5/1/22 - 5/31/22**

CONTRACTOR: DNT CONSTRUCTION
P O Box 6210
Round Rock, Texas 78683

3	FIRE HYDRANT ASSEMBLY	6	EA	$ 3,805.90	$22,835.40	6.00	0.00	6.00	$22,835.40	$22,835.40	$0.00	100%
4	12" X 8" CROSS	5	EA	$ 54.50	$272.50	5.00	0.00	5.00	$272.50	$272.50	$0.00	100%
5	12" X 8" TEE	3	EA	$ 54.50	$163.50	3.00	0.00	3.00	$163.50	$163.50	$0.00	100%
6	2" TEMPORARY FLUSH VALVE	3.00	EA	$ 827.82	$2,483.46	3.00	0.00	3.00	$2,483.46	$2,483.46	$0.00	100%
7	REMOVE TEMPORARY FLUSH VALVE	5	EA	$ 374.47	$1,872.35	5.00	0.00	5.00	$1,872.35	$1,872.35	$0.00	100%
8	SINGLE WATER SERVICE	8	EA	$ 1,060.73	$8,485.84	8.00	0.00	8.00	$8,485.84	$8,485.84	$0.00	100%
9	DOUBLE WATER SERVICE	40	EA	$ 1,588.62	$63,544.80	40.00	0.00	40.00	$63,544.80	$63,544.80	$0.00	100%
10	TRENCH SAFETY PROTECTION	2,652	LF	$ 0.55	$1,458.60	2652.00	0.00	2652.00	$1,458.60	$1,458.60	$0.00	100%
11	TESTING	2,652	LF	$ 1.09	$2,890.68	2652.00	0.00	2652.00	$2,890.68	$2,890.68	$0.00	100%
12	CONNECT TO EXISTING STUB	4	EA	$ 977.83	$3,911.32	4.00	0.00	4.00	$3,911.32	$3,911.32	$0.00	100%
					$199,928.09				**$199,928.09**	**$199,928.09**	**$0.00**	100%

D. STORMWATER MANAGEMENT					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	18" RCP 175' TxDot, 583' Subdivision	384	LF	$ 43.51	$16,707.84	384.00	0.00	384.00	$16,707.84	$16,707.84	$0.00	100%
2	24" RCP	555	LF	$ 52.35	$29,054.25	555.00	0.00	555.00	$29,054.25	$29,054.25	$0.00	100%
3	30" RCP	621	LF	$ 62.17	$38,607.57	621.00	0.00	621.00	$38,607.57	$38,607.57	$0.00	100%
4	4'x4' JUNCTION BOX	8	EA	$ 2,639.19	$21,113.52	8.00	0.00	8.00	$21,113.52	$21,113.52	$0.00	100%
5	10' CURB INLET	6	EA	$ 3,567.18	$21,403.08	6.00	0.00	6.00	$21,403.08	$21,403.08	$0.00	100%
6	4' GRATE INLET	3	EA	$ 3,666.26	$10,998.78	3.00	0.00	3.00	$10,998.78	$10,998.78	$0.00	100%
7	4' PILOT CHANNEL	1,140	SY	$ 92.18	$105,085.20	1140.00	0.00	1140.00	$105,085.20	$105,085.20	$0.00	100%
8	TRENCH SAFETY PROTECTION	1,560	LF	$ 2.53	$3,946.80	1560.00	0.00	1560.00	$3,946.80	$3,946.80	$0.00	100%
					$246,917.04				**$246,917.04**	**$246,917.04**	**$0.00**	100%

F. PAVEMENT AND APPURTENCES					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	6.0" MECHANICALLY STABILIZED LAYER - PER SQUARE YARD, ALLEY	1,137	SY	$ 8.04	$9,141.48	1137.00	0.00	1137.00	$9,141.48	$9,141.48	$0.00	100%
2	5.0" CLASS A CONCRETE - ALLEY	918	SY	$ 50.99	$46,808.82	918.00	0.00	918.00	$46,808.82	$46,808.82	$0.00	100%
3	ALLEY DRIVE	37	SY	$ 80.25	$2,969.25	37.00	0.00	37.00	$2,969.25	$2,969.25	$0.00	100%
4	SUBGRADE PREP	11,295	SY	$ 2.16	$24,397.20	11295.00	0.00	11295.00	$24,397.20	$24,397.20	$0.00	100%
5	HOT MIX ASPHALT CONCRETE PAVEMENT, 2.5", TYPE D - LOCAL	7,920	SY	$ 13.24	$104,860.80	7920.00	0.00	7920.00	$104,860.80	$104,860.80	$0.00	100%
6	11" BASE	10,158	SY	$ 11.66	$118,442.28	10158.00	0.00	10158.00	$118,442.28	$118,442.28	$0.00	100%
7	TXDOT GRID - LOCAL	11,295	SY	$ 2.21	$24,961.95	11295.00	0.00	11295.00	$24,961.95	$24,961.95	$0.00	100%
8	6" CONCRETE CURB AND GUTTER	5,009	LF	$ 15.11	$75,685.99	5009.00	0.00	5009.00	$75,685.99	$75,685.99	$0.00	100%
9	CONCRETE 4.0' SIDEWALK	69	SY	$ 58.24	$4,018.56	69.00	0.00	69.00	$4,018.56	$4,018.56	$0.00	100%
10	SIDEWALK CURB RAMP, COMPLETE IN PLACE	18	EA	$ 1,129.04	$20,322.72	18.00	0.00	18.00	$20,322.72	$20,322.72	$0.00	100%
11	REVEGETATION OF ROW AND PUBLIC OPEN SPACE	1	LS	$ 19,114.56	$19,114.56	1.00	0.00	1.00	$19,114.56	$19,114.56	$0.00	100%
12	SIGNING AND STRIPING	1	LS	$ 6,805.96	$6,805.96	1.00	0.00	1.00	$6,805.96	$6,805.96	$0.00	100%
13	REMOVE TEMPORARY END OF ROAD BARRICADES	5	EA	$ 49.36	$246.80	5.00	0.00	5.00	$246.80	$246.80	$0.00	100%
14	PERMANENT END OF ROAD BARRICADES	2	EA	$ 1,453.33	$2,906.66	2.00	0.00	2.00	$2,906.66	$2,906.66	$0.00	100%
					$460,683.03				**$460,683.03**	**$460,683.03**	**$0.00**	100%

CHANGE ORDER #1					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
1	Material testing for public improvements	1	LS	$ 55,717.00	$55,717.00	1.00	0.00	1.00	$55,717.00	$55,717.00	$0.00	100%
2	Material testing for lot fill	1	LS	$ 13,590.00	$13,590.00	1.00	0.00	1.00	$13,590.00	$13,590.00	$0.00	100%
					$69,307.00				**$69,307.00**	**$69,307.00**	**$0.00**	100%

CHANGE ORDER #2					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
Phase 1												
1	Delete TXDOT Grid - Local	23,334	SY	$ (2.21)	($51,568.14)	23334.00	0.00	23334.00	($51,568.14)	($51,568.14)	$0.00	100%
2	Delete TXDOT Grid - Collector	3,628	SY	$ (2.21)	($8,017.88)	3628.00	0.00	3628.00	($8,017.88)	($8,017.88)	$0.00	100%
3	Add TX5 - Local	23,334	SY	$ 4.37	$101,969.58	23334.00	0.00	23334.00	$101,969.58	$101,969.58	$0.00	100%
4	Add TX5 - Collector	3,628	SY	$ 4.37	$15,854.36	3628.00	0.00	3628.00	$15,854.36	$15,854.36	$0.00	100%
Phase 2												
5	Delete TXDOT Grid - Local	11,295	SY	$ (2.21)	($24,961.95)	11295.00	0.00	11295.00	($24,961.95)	($24,961.95)	$0.00	100%
6	Add TX5 - Local	10,158	SY	$ 4.46	$45,304.68	10158.00	0.00	10158.00	$45,304.68	$45,304.68	$0.00	100%
					$78,580.65				**$78,580.65**	**$78,580.65**	**$0.00**	100%

CHANGE ORDER #3					**CONTRACT**	**PREVIOUS**	**QTY**	**QTY**	**COST**	**PREVIOUS**	**COST THIS**	**%**
ITEM	**DESCRIPTION**	**QTY.**	**UNIT**	**UNIT PRICE**	**AMOUNT**	**QTY.**	**THIS EST.**	**TO DATE**	**TO DATE**	**COST**	**ESTIMATE**	
Phase 1												
1	Core WW Manhole	1	EA	$ 907.68	$907.68	1.00	0.00	1.00	$907.68	$907.68	$0.00	100%
2	8" PVC	532	LF	$ 44.56	$23,705.92	532.00	0.00	532.00	$23,705.92	$23,705.92	$0.00	100%
3	4' Manhole	2	SY	$ 7,805.80	$15,611.60	2.00	0.00	2.00	$15,611.60	$15,611.60	$0.00	100%

DNT CONSTRUCTION MONTHLY PROGRESS PAYMENT

CONTRACT: Castlewood Phase 1

PROGRESS PAYMENT NO: **Seventeen (17)**
PROGRESS PAYMENT PERIOD: **5/1/22 - 5/31/22**

CONTRACTOR: DNT CONSTRUCTION
P O Box 6210
Round Rock, Texas 78683

4	Trench Safety Protection	532	LF	$ 1.09	$579.88	532.00	0.00	532.00	$579.88	$579.88	$0.00	100%
5	Testing	532	LF	$ 1.09	$579.88	532.00	0.00	532.00	$579.88	$579.88	$0.00	100%
					$41,384.96				**$41,384.96**	**$41,384.96**	**$0.00**	100%

CHANGE ORDER #5					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	WW Deep Service Detail Material	1	LS	$ 6,867.84	$6,867.84	1.00	0.00	1.00	$6,867.84	$6,867.84	$0.00	100%
2	11x4 Junction Box	1	EA	$ (6,673.53)	($6,673.53)	1.00	0.00	1.00	($6,673.53)	($6,673.53)	$0.00	100%
3	11x4 Junction Box Cast In Place	1	EA	$ 9,315.00	$9,315.00	1.00	0.00	1.00	$9,315.00	$9,315.00	$0.00	100%
					$9,509.31				**$9,509.31**	**$9,509.31**	**$0.00**	100%

CHANGE ORDER #7					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	Mailbox Material	17	EA	$ 1,480.00	$25,160.00	17.00	0.00	17.00	$25,160.00	$25,160.00	$0.00	100%
2	Installation of Mailboxes	17	EA	$ 750.00	$12,750.00	17.00	0.00	17.00	$12,750.00	$12,750.00	$0.00	100%
					$37,910.00				**$37,910.00**	**$37,910.00**	**$0.00**	100%

CHANGE ORDER #8					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	Labor/Equipment	94	LF	$ 45.50	$4,277.00	94.00	0.00	94.00	$4,277.00	$4,277.00	$0.00	100%
2	Material	94	LF	$ 53.50	$5,029.00	94.00	0.00	94.00	$5,029.00	$5,029.00	$0.00	100%
					$9,306.00				**$9,306.00**	**$9,306.00**	**$0.00**	100%

CHANGE ORDER #9					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	WAS Agreement	1	LS	$ (72,650.45)	($72,650.45)	1.00	0.00	1.00	($72,650.45)	($72,650.45)	$0.00	100%
					($72,650.45)				**($72,650.45)**	**($72,650.45)**	**$0.00**	100%

CHANGE ORDER #11					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	Furnish and Install WW Sleeves	120	LF	$ 518.83	$62,259.60	120.00	0.00	120.00	$62,259.60	$62,259.60	$0.00	100%
					$62,259.60				**$62,259.60**	**$62,259.60**	**$0.00**	100%

CHANGE ORDER #12					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	Concrete Aprons at Site Entrance	4,300	SF	$ 8.32	$35,776.00	4300.00	0.00	4300.00	$35,776.00	$35,776.00	$0.00	100%
					$35,776.00				**$35,776.00**	**$35,776.00**	**$0.00**	100%

CHANGE ORDER #13					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
1	Retaining Wall Addendum (Remove and Replace)	17	LF	$ 266.48	$4,530.16	17.00	0.00	17.00	$4,530.16	$4,530.16	$0.00	100%
					$4,530.16				**$4,530.16**	**$4,530.16**	**$0.00**	100%

CHANGE ORDER #14					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
Phase 2												
GENERAL CONDITIONS												
1	Mobilization, Supervision, Layout	1	LS	$ 17,000.00	$17,000.00	1.00	0.00	1.00	$17,000.00	$17,000.00	$0.00	100%
ONCOR ELECTRIC IMPROVEMENTS												
1	Trench Excavation	7,202	LF	$ 7.04	$50,702.08	7202.00	0.00	7202.00	$50,702.08	$50,702.08	$0.00	100%
2	2" SCH 40 (Installation Only)	5,269	LF	$ 1.98	$10,432.62	5269.00	0.00	5269.00	$10,432.62	$10,432.62	$0.00	100%
3	3" SCH 40 (Installation Only)	4,435	LF	$ 1.98	$8,781.30	4435.00	0.00	4435.00	$8,781.30	$8,781.30	$0.00	100%
4	Transformer Pad (Installation Only)	11	EA	$ 897.36	$9,870.96	11.00	0.00	11.00	$9,870.96	$9,870.96	$0.00	100%
5	Secondary Pedestal (Installation Only)	42	EA	$ 129.66	$5,445.72	42.00	0.00	42.00	$5,445.72	$5,445.72	$0.00	100%
6	Street Lights (Installation Only)	7	EA	$ 484.08	$3,388.56	7.00	0.00	7.00	$3,388.56	$3,388.56	$0.00	100%
					$105,621.24				**$105,621.24**	**$105,621.24**	**$0.00**	100%

CHANGE ORDER #14					CONTRACT	PREVIOUS	QTY	QTY	COST	PREVIOUS	COST THIS	%
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	THIS EST.	TO DATE	TO DATE	COST	ESTIMATE	
Phase 1 Irrigation TAPs												
1	Mobilization, Layout, Supervision	1	LS	$ 4,000.00	$4,000.00	1.00	0.00	1.00	$4,000.00	$4,000.00	$0.00	100%
2	Locate Main	7	EA	$ 937.07	$6,559.49	7.00	0.00	7.00	$6,559.49	$6,559.49	$0.00	100%
3	Irrigation Assembly w/Backflow	7	EA	$ 4,864.07	$34,048.49	7.00	0.00	7.00	$34,048.49	$34,048.49	$0.00	100%
					$44,607.98				**$44,607.98**	**$44,607.98**	**$0.00**	100%

DNT CONSTRUCTION MONTHLY PROGRESS PAYMENT

CONTRACT: Castlewood Phase 1

PROGRESS PAYMENT NO: **Seventeen (17)**
PROGRESS PAYMENT PERIOD: **5/1/22 - 5/31/22**

CONTRACTOR: DNT CONSTRUCTION
P O Box 6210
Round Rock, Texas 78683

TOTAL CONTRACT	**$7,854,947.22**	**$7,854,947.22**	**$7,854,947.22**	**$0.00**	**100%**

DNT CONSTRUCTION MONTHLY PROGRESS PAYMENT

CONTRACT: Castlewood Phase 1

PROGRESS PAYMENT NO: **Seventeen (17)**
PROGRESS PAYMENT PERIOD: **5/1/22 - 5/31/22**

CONTRACTOR: DNT CONSTRUCTION
P O Box 6210
Round Rock, Texas 78683

TOTAL COMPLETED TO DATE	$	7,854,947.22
TOTAL COMPLETED/ STORED TO DATE	$	7,854,947.22
RETAINAGE HELD	$	-
TOTAL CPLT LESS RETAINAGE	$	7,854,947.22
LESS PREVIOUS BILLINGS	$	7,721,935.65
CURRENT PAYMENT DUE	$	133,011.57

ORIGINAL CONTRACT AMOUNT	$	7,428,804.77		
CONTRACT CHANGES	$	426,142.45		
TOTAL CONTRACT W/ CHANGES	$	7,854,947.22	$	-
WORK COMPLETED TO DATE	$	7,854,947.22		
BALANCE TO COMPLETE	$	-		

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	Castlewood Phases 1, 2 & 3	**Date:**	01/08/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	1
		Page No.:	
Client:	DNT Construction, LLC	**Technician:**	JL

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Clear **Ambient Temperature:** 50's

Time Arrived : 1030 **Time Departed:** 1115

Lab Number: P21-040

Location of Sample: Chanel -2'

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/ Sub.

Material Description: Drk Brown Pale Brown Clay Mix

Comments: 11-1

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	Castlewood Phases 1, 2 & 3	**Date:**	01/08/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	2
		Page No.:	
Client:	DNT Construction, LLC	**Technician:**	JL

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Clear **Ambient Temperature:** 50's

Time Arrived : 1030 **Time Departed:** 1115

Lab Number: P21-039

Location of Sample: Chanel -5'

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/ Sub.

Material Description: Pale Brown Light Brown Clay Mix

Comments: NT

1.11.21
MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	Castlewood Phases 1, 2 & 3	**Date:**	01/08/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	3
		Page No.:	
Client:	DNT Construction, LLC	**Technician:**	JL

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Clear **Ambient Temperature:** 50's

Time Arrived : 1030 **Time Departed:** 1115

Lab Number: P21-038

Location of Sample: Far Back Street From FM 973

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/ Sub.

Material Description: Dark Brown Sandy Clay

Comments: 114

1.11.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	Castlewood Phases 1, 2 & 3	**Date:**	01/08/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	4
		Page No.:	
Client:	DNT Construction, LLC	**Technician:**	JL

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Clear **Ambient Temperature:** 50's

Time Arrived : 1030 **Time Departed:** 1115

Lab Number: P21-037

Location of Sample: Pond

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/ Sub.

Material Description: Dark Brown to Brown Clay Mix

Comments: 114

1.11.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood Phases 1, 2 & 3 **Date:** 1/20/2021
Project No.: 20107183.016
Location: Taylor, Texas **Lab No.:** P21-038
Report No.: 7 & 8
Client: DNT Construction, LLC **Tech.:** JL

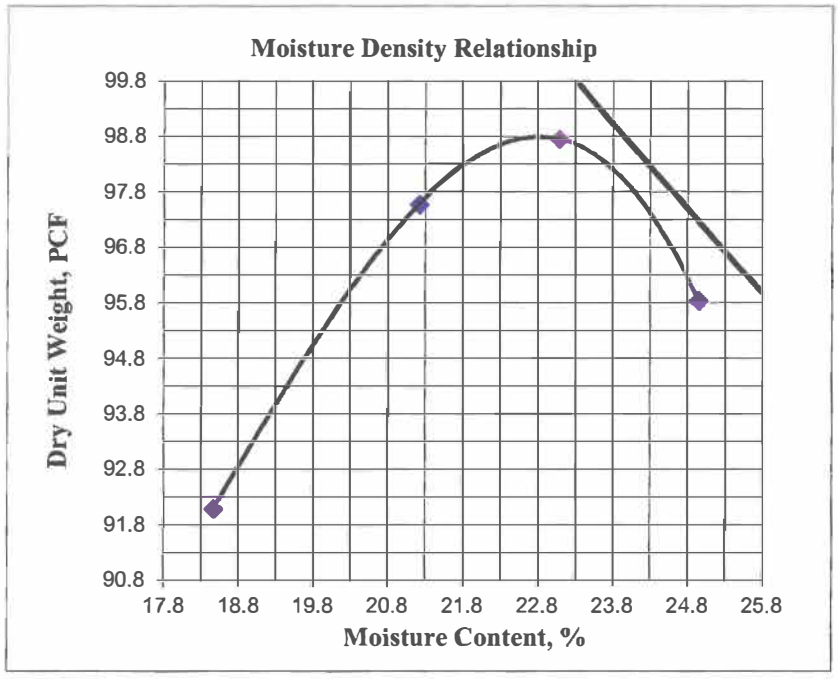
Description of Material: Dark Brown Clay
Sampled By: J. Lain
Source: Far Back Street From FM 973
Rammer: 5.5 lb mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Common Fill/Subgrade

Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	48	
Plastic Limit:	17	
Plasticity Index:	31	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114-E

Maximum Dry Density 98.8 PCF

Optimum Moisture 22.8 %

ZAV G_S = 2.55

Reviewed By:
MLA Labs, Inc. 1/21/21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood Phases 1, 2 & 3 **Date:** 1/20/2021
Project No.: 20107183.016
Location: Taylor, Texas **Lab No.:** P21-039
Report No.: 9 x 10
Client: DNT Construction, LLC **Tech.:** JL

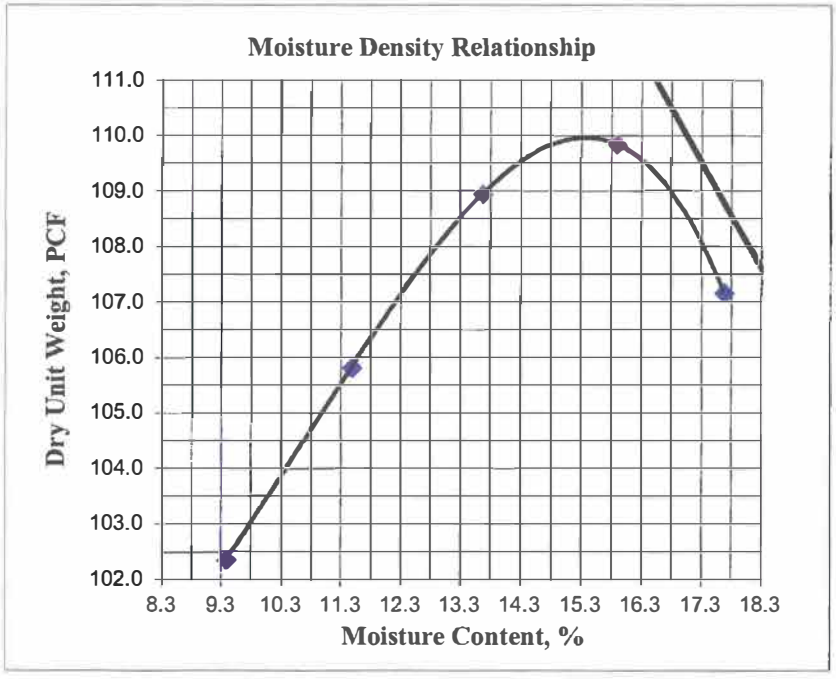
Description of Material: Pale Brown Light Brown Clay Mix
Sampled By: J. Lain
Source: Channel -5'
Rammer: 5.5 lb mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Common Fill/Subgrade

Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	31	
Plastic Limit:	14	
Plasticity Index:	17	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114-E

Maximum Dry Density 110.0 PCF

Optimum Moisture 15.3 %

ZAV G_S = 2.52

Reviewed By:
MLA Labs, Inc. (P) 1.21.21

MLA Geotechnical
"put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood Phases 1, 2 & 3 **Date:** 1/20/2021

Project No.: 20107183.016

Location: Taylor, Texas **Lab No.:** P21-040

Report No.: 11 + 12

Client: DNT Construction, LLC **Tech.:** JL

Description of Material: Dark Brown Pale Brown Clay Mix

Sampled By: J. Lain

Source: Channel -2'

Rammer: 5.5 lb mechanical Rainhart

Air Dry (Y/N): No

Proposed use: Common Fill/Subgrade

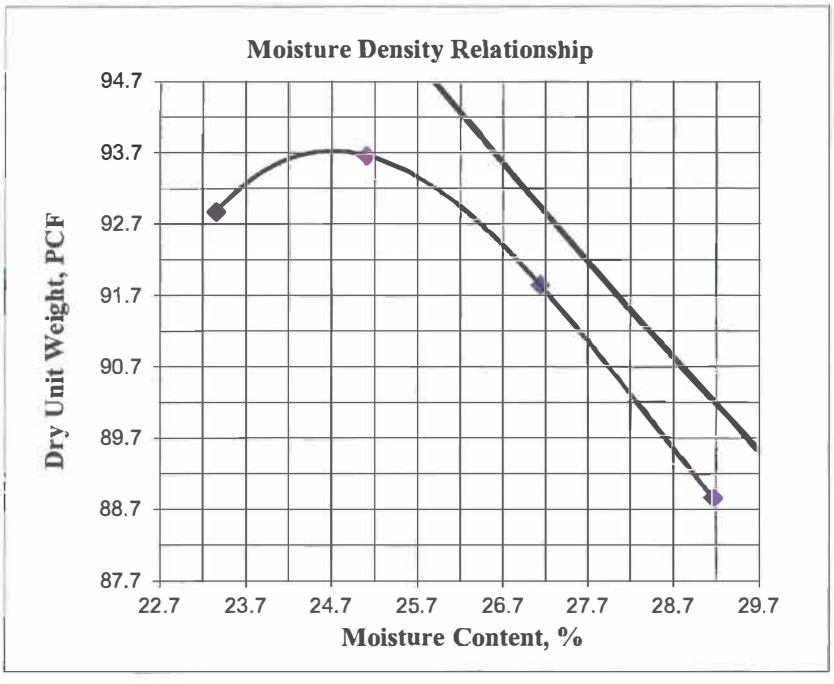
Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	51	
Plastic Limit:	19	
Plasticity Index:	32	

Sieve Test Procedure: TEX-110-E

Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114-E

Maximum Dry Density 93.7 PCF

Optimum Moisture 24.7 %

ZAV G_S = 2.50

Reviewed By:
MLA Labs, Inc. 1.21.21

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood Phases 1, 2 & 3 **Date:** 1/25/2021

Project No.: 20107183.016

Location: Taylor, Texas **Lab No.:** P21-037

Report No.: 5 & 6

Client: DNT Construction, LLC **Tech.:** JL

Description of Material: Dark Brown to Brown Clay Mix

Sampled By: J. Lain

Source: Pond

Rammer: 5.5 lb mechanical Rainhart

Air Dry (Y/N): No

Proposed use: Common Fill/Subgrade



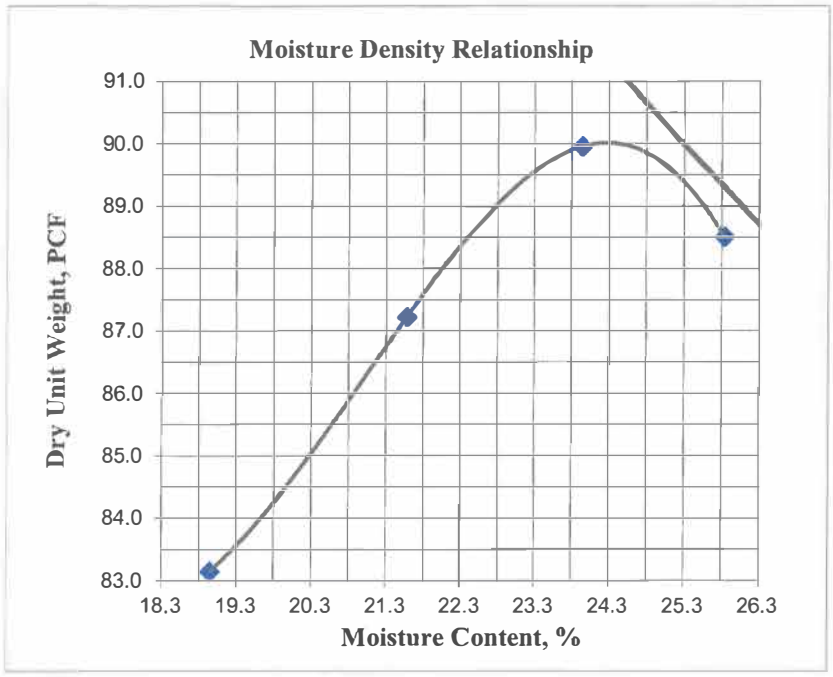
Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	51	
Plastic Limit:	19	
Plasticity Index:	32	

Sieve Test Procedure: TEX-110-E

Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114 E

Maximum Dry Density 90.0 PCF

Optimum Moisture 24.3 %

ZAV G_S = 2.27

Reviewed By: MLA Labs, Inc. 1-25-21

Project: Castlewood Phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 01/21/20
Project No.: 20107183.016
Report No.: 13
Page No.:
Technician: JL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Streamwood																
1	11+00	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.2	93.5	27.5	94.6	Fail	
	Sed. Pond																
2	NE Corner	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	117.5	95.4	23.2	96.6	Pass	
3	SE Corner	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.8	97.4	23.0	98.6	Pass	
4	Middle of South End	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.2	96.2	23.9	97.4	Pass	
5	North End	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	117.5	95.6	22.9	96.8	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1925
Moisture:	475
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: City of Taylor Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: Inspector
DENSITIES REQUIRING RETESTING: #1

Comments:

MLA Geotechnical 1-22-21

Project: castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 01/22/21
Project No.: 20107183.016
Report No.: 14
Page No.:
Technician: JL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Branchwood Path																
6	Sta: 12+00	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.7	93.0	28.7	94.1	Fail	
	Pebbles Stream Pass																
7	Sta: 21+50	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	121.0	95.5	26.7	96.7	Fail	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1923
Moisture:	474
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: City of Taylor Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: Inspector
DENSITIES REQUIRING RETESTING: #6 & 7

Comments:

MLA Geotechnical 1.25.21

Project: castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 01/26/21
Project No.: 20107183.016
Report No.: 15
Page No.:
Technician: EL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Branchwood Path																
8	STA: 12+00 **(Re-Test Dens #6)**	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	124.7	99.3	25.6	100.5	**Pass**	
9	STA: 14+50	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	118.6	96.6	22.8	97.8	**Pass**	
	Pebblestream Pass																
10	STA: 17+00	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	120.7	96.0	25.7	97.2	**Pass**	
11	STA: 19+50 **(Re-Test Dens #7)**	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.6	96.3	24.2	97.5	**Pass**	
	Elm Branch Trail																
12	STA: 14+50	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	116.9	94.9	23.2	96.1	**Pass**	
	Streamwood Trail																
13	STA: 11+50 **(Re-Test Dens #1)**	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.6	97.4	22.8	98.6	**Pass**	
	Cherry Blossom Lane																
14	STA: 9+00	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.0	96.7	23.1	97.9	**Pass**	
15	STA: 11+50	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	121.2	96.4	25.7	97.6	**Pass**	
16	STA: 14+00	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.0	95.7	24.3	96.9	**Pass**	
17	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	Sub	6"	119.9	95.7	25.3	96.9	**Pass**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2396
Moisture:	704
Troxler No.:	3430
Serial No.:	77110

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 1-27-21

Project: castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 01/28/21
Project No.: 20107183.016
Report No.: 16
Page No.:
Technician: RR

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Branchwood Path																
18	STA: 11+00	P21-038	31	98.8	22.8	95	105	Opt	+3	1	6"	118.0	94.7	24.7	95.8	**Pass**	
19	STA: 13+50	P21-038	31	98.8	22.8	95	105	Opt	+3	1	6"	118.2	94.1	25.7	95.2	**Pass**	
	Pebblestream Pass																
20	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	1	6"	118.5	94.7	25.2	95.8	**Pass**	
21	STA: 18+50	P21-038	31	98.8	22.8	95	105	Opt	+3	1	6"	127.6	101.9	25.3	103.1	**Pass**	
22	STA: 21+00	P20-040	32	93.7	24.7	95	105	Opt	+3	1	6"	117.6	92.2	27.6	98.4	**Pass**	
	Cherry Blossom Lane																
23	STA: 9+00	P21-038	31	98.8	22.8	95	105	Opt	+3	1	6"	125.5	100.1	25.4	101.3	**Pass**	
24	STA: 11+50	P21-038	31	98.8	22.8	95	105	Opt	+3	1	6"	126.4	100.9	25.3	102.1	**Pass**	
25	STA: 13+50	P20-040	32	93.7	24.7	95	105	Opt	+3	1	6"	118.9	94.2	26.3	100.5	**Pass**	
26	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	1	6"	118.3	95.5	23.8	96.7	**Pass**	
	Streamwood Trail																
27	STA: 11+50	P20-040	32	93.7	24.7	95	105	Opt	+3	1	6"	119.9	95.1	26.1	101.5	**Pass**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2588
Moisture:	715
Troxler No.:	3430
Serial No.:	78736

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 1.29.21

Project: Castlewood Phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 01/29/21
Project No.: 20107183.016
Report No.: 17
Page No.:
Technician: JL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Branchwood Path																
28	STA: 11+00	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	123.7	99.0	24.9	100.2	Pass	
29	STA: 13+50	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	118.3	94.2	25.6	95.3	Pass	
	Pebblestream Pass																
30	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	122.4	98.2	24.6	99.4	Pass	
31	STA: 18+50	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	122.7	99.7	23.1	100.9	Pass	
32	STA: 21+00	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	120.3	96.1	25.2	97.3	Pass	
	Cherry Blossom Lane																
33	STA: 9+00	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	124.2	100.3	23.8	101.5	Pass	
34	STA: 11+50	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	121.8	97.3	25.2	98.5	Pass	
35	STA: 13+50	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	120.7	96.3	25.3	97.5	Pass	
36	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	123.7	98.3	25.8	99.5	Pass	
	Streamwood Trail																
37	STA: 11+50	P21-038	31	98.8	22.8	95	105	Opt	+3	2nd	6"	120.0	95.5	25.7	96.7	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1918
Moisture:	468
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 2-1-21

Project: Castlewood Phases 1 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 02/01/21
Project No.: 20107183.016
Report No.: 68
Page No.:
Technician: EL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Branchwood Path																
38	STA: 8+00	P20-040	32	93.7	24.7	95	105	Opt	+3	3rd	6"	118.4	92.7	27.7	98.9	**Pass**	
	Pebblestream Pass																
39	STA: 21+00	P20-040	32	93.7	24.7	95	105	Opt	+3	3rd	6"	120.6	94.8	27.2	101.2	**Pass**	
40	STA: 18+00	P20-040	32	93.7	24.7	95	105	Opt	+3	3rd	6"	121.3	95.6	26.9	102.0	**Pass**	
41	STA: 15+00	P20-040	32	93.7	24.7	95	105	Opt	+3	3rd	6"	119.0	95.2	25.0	101.6	**Pass**	
	Cherry Blossom Lane																
42	STA: 10+00	P21-038	31	98.8	22.8	95	105	Opt	+3	3rd	6"	119.7	95.3	25.6	96.5	**Pass**	
43	STA: 13+00	P21-038	31	98.8	22.8	95	105	Opt	+3	3rd	6"	121.1	97.5	24.2	98.7	**Pass**	
44	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	3rd	6"	124.0	99.9	24.1	101.1	**Pass**	
	Streamwood Trail																
45	STA: 12+00	P21-038	31	98.8	22.8	95	105	Opt	+3	3rd	6"	120.2	97.6	23.2	98.8	**Pass**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2345
Moisture:	696
Troxler No.:	3430
Serial No.:	77110

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 2.2.21

Project: castlewood ph ases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 02/01/21
Project No.: 20107183.016
Report No.: 19
Page No.:
Technician: EL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Pebblestream Pass																
46	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	4th/F	6"	122.4	97.6	25.4	98.8	**Pass**	
47	STA: 18+50	P21-038	31	98.8	22.8	95	105	Opt	+3	4th/F	6"	119.0	95.8	24.2	97.0	**Pass**	
48	STA: 21+00	P21-038	31	98.8	22.8	95	105	Opt	+3	4th/F	6"	122.6	98.2	24.8	99.4	**Pass**	
	Cherry Blossom Lane																
49	STA: 11+50	P21-038	31	98.8	22.8	95	105	Opt	+3	4th/F	6"	123.3	98.5	25.2	99.7	**Pass**	
50	STA: 13+50	P21-038	31	98.8	22.8	95	105	Opt	+3	4th/F	6"	120.4	97.1	24.0	98.3	**Pass**	
51	STA: 16+00	P21-038	31	98.8	22.8	95	105	Opt	+3	4th/F	6"	121.4	97.0	25.2	98.2	**Pass**	
	Pond Berm																
52	East Berm at AC	P21-038	31	98.8	22.8	95	105	Opt	+3	1st	6"	120.8	96.6	25.1	97.8	**Pass**	
53	South Berm at East End	P20-040	32	93.7	24.7	95	105	Opt	+3	1st	6"	114.8	90.2	27.3	96.3	**Pass**	
54	South Berm at West End	P20-040	32	93.7	24.7	95	105	Opt	+3	1st	6"	115.0	90.6	26.9	96.7	**Pass**	
55	West Berm at AC	P20-040	32	93.7	24.7	95	105	Opt	+3	1st	6"	115.3	91.5	26.0	97.7	**Pass**	
56	North Berm at AC	P21-038	31	98.8	22.8	95	105	Opt	+3	1st	6"	118.2	94.9	24.6	96.1	**Pass**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2373
Moisture:	693
Troxler No.:	3430
Serial No.:	77110

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 2.3.21

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 02/03/21
Project No.: 20107183.016
Report No.: 22
Page No.:
Technician: JL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Sed. Pond																
57	NE Corner	P20-040	32	93.7	24.7	95	105	Opt	+3	1st	6"	116.0	90.9	27.6	97.0	Pass	
58	SE Corner	P20-040	32	93.7	24.7	95	105	Opt	+3	1st	6"	119.1	95.5	24.7	101.9	Pass	
59	Middle of South End	P20-040	32	93.7	24.7	95	105	Opt	+3	1st	6"	118.2	94.3	25.3	100.6	Pass	
60	North End	P20-040	32	93.7	24.7	95	105	Opt	+3	1st	6"	115.9	92.3	25.6	98.5	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1913
Moisture:	470
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 2-4-21

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 02/04/21
Project No.: 20107183.016
Report No.: 23
Page No.:
Technician: KT

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Sed. Pond																
61	NE Corner	P20-040	32	93.7	24.7	95	105	Opt	+3	2nd	6"	122.7	98.1	25.1	104.7	PASS	
62	SE Corner	P20-040	32	93.7	24.7	95	105	Opt	+3	2nd	6"	121.6	97.5	24.7	104.1	PASS	
63	Middle of South End	P20-040	32	93.7	24.7	95	105	Opt	+3	2nd	6"	120.4	96.5	24.8	103.0	PASS	
64	North End	P20-040	32	93.7	24.7	95	105	Opt	+3	2nd	6"	122.1	95.8	27.5	102.2	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1726
Moisture:	596
Troxler No.:	3440
Serial No.:	24681

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical

Project: castlewood phases 1, 2

& 3 Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 02/09/21
Project No.: 20107183.016
Report No.: 24
Page No.:
Technician: RB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Detention Pond BERM																
65	East Berm at AC	P20-040	32	93.7	24.7	95	105	Opt	+3	4th	6"	114.7	91.2	25.8	97.3	**Pass**	
66	South Berm at East End	P20-040	32	93.7	24.7	95	105	Opt	+3	4th	6"	113.3	90.6	25.1	96.7	**Pass**	
67	South Berm at West End	P20-040	32	93.7	24.7	95	105	Opt	+3	4th	6"	118.5	94.0	26.1	100.3	**Pass**	
68	West Berm at AC	P20-040	32	93.7	24.7	95	105	Opt	+3	4th	6"	115.2	90.7	27.0	96.8	**Pass**	
69	North Berm at AC	P20-040	32	93.7	24.7	95	105	Opt	+3	4th	6"	115.3	91.5	26.0	97.7	**Pass**	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1911
Moisture:	573
Troxler No.:	3440
Serial No.:	33484

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 2-10-21

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 02/10/21
Project No.: 20107183.016
Report No.: 26
Page No.:
Technician: RB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Detention Pond BERM																
70	East Berm at AC	P20-040	32	93.7	24.7	95	105	Opt	+3	5th/F	6"	118.6	93.7	26.6	100.0	**Pass**	
71	South Berm at East End	P20-040	32	93.7	24.7	95	105	Opt	+3	5th/F	6"	117.0	92.9	25.9	99.1	**Pass**	
72	South Berm at West End	P20-040	32	93.7	24.7	95	105	Opt	+3	5th/F	6"	117.6	93.2	26.2	99.5	**Pass**	
73	West Berm at AC	P20-040	32	93.7	24.7	95	105	Opt	+3	5th/F	6"	118.7	93.1	27.5	99.4	**Pass**	
74	North Berm at AC	P20-040	32	93.7	24.7	95	105	Opt	+3	5th/F	6"	115.9	92.7	25.0	98.9	**Pass**	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1916
Moisture:	585
Troxler No.:	3440
Serial No.:	33484

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 2.11.21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	castlewood phases 1, 2 &	**Date:**	02/24/21
		Project No.:	20107183.016
Location:	3 Taylor, Texas	**Report No.:**	26
		Page No.:	1 of 1
Client:	DNT Construction, LLC	**Technician:**	EC

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Sunny **Ambient Temperature:** 82°

Time Arrived : 16:00 **Time Departed:** 16:30

Lab Number: P21-252

Location of Sample: Material being imported from D Brooks

Municipality: City of Tylor

Public or Private Dev.: Public

Proposed Use: Common Fill

Material Description: Brown to Light Brown Clay Low with Particles & Agg

Comments:

2.25.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	castlewood phases 1, 2	**Date:**	03/10/21
		Project No.:	20107183.016
Location:	& 3 Taylor, Texas	**Report No.:**	29
		Page No.:	1 of 1
Client:	DNT Construction, LLC	**Technician:**	JK

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Cloudy/Windy **Ambient Temperature:** 70's

Time Arrived : 1215 **Time Departed:** 1400

Lab Number: P21-343

Location of Sample: Elm Branch Trail @ Sta: 5+00

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/Trench Backfill

Material Description: Dark Brown Clay with Particles

Comments:

3-11-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	castlewood phases 1, 2 & 3	**Date:**	03/10/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	30
		Page No.:	1 of 1
Client:	DNT Construction, LLC	**Technician:**	JK

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Cloudy/Windy **Ambient Temperature:** 70's

Time Arrived : 1215 **Time Departed:** 1400

Lab Number: P21-344

Location of Sample: Elm Branch Trail @ Sta: 5+00

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/Trench Backfill

Material Description: Pale Brown to Dark Gray Clay Mix with Agg

Comments:

3-11-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	castlewood phases 1, 2 & 3	**Date:**	03/10/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	31
		Page No.:	1 of 1
Client:	DNT Construction, LLC	**Technician:**	JK

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Cloudy/Windy **Ambient Temperature:** 70's

Time Arrived : 1215 **Time Departed:** 1400

Lab Number: P21-345

Location of Sample: Elm Branch Trail @ Sta: 5+00

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/Trench Backfill

Material Description: Pale to Brown Clay with Particles

Comments:

3-11-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	castlewood phases 1, 2 & 3	**Date:**	03/10/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	32
		Page No.:	1 of 1
Client:	DNT Construction, LLC	**Technician:**	JK

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Cloudy/Windy **Ambient Temperature:** 70's

Time Arrived : 1215 **Time Departed:** 1400

Lab Number: P21-346

Location of Sample: Branchwood Path @ Sta: 1+50

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: Common Fill/Trench Backfill

Material Description: Olive Brown to Dark Grey Clay with Particles and Agg

Comments:

3-11-21

MLA Geotechnical

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: castlewood phases 1, 2 & 3
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 3/22/2021
Project No.: 20107183.016
Lab No.: P21-252
Report No.: 27 & 28
Tech.: EC

Description of Material: Brown to Ligth Brown Clay with Particles and Hard Aggregate
Sampled By: E. Cervantes
Source: Material Imported from D Brooks
Rammer: 10.0 lb mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Common Fill

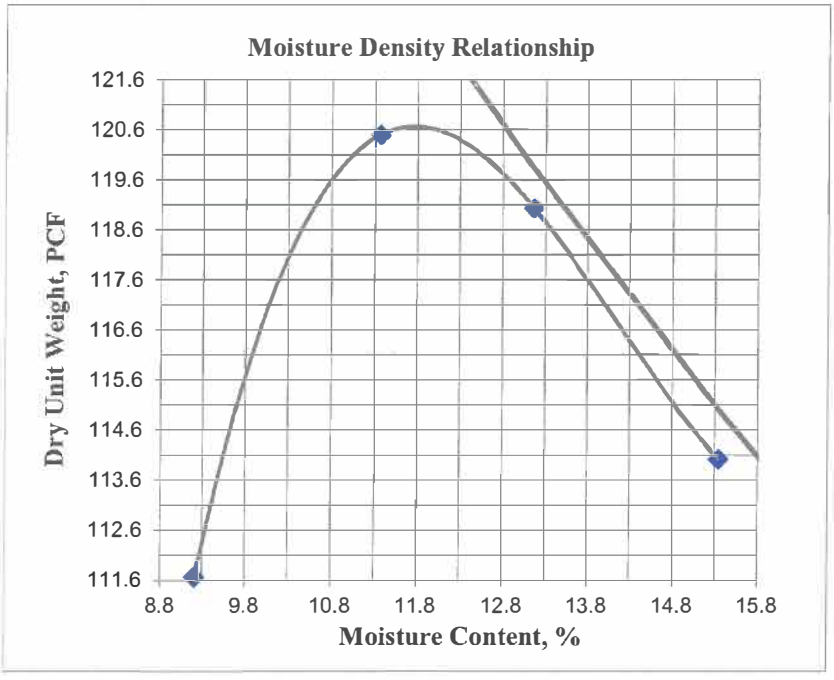


Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	38	
Plastic Limit:	21	
Plasticity Index:	17	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
2 1/2"	0.0
1 3/4"	15.6
1 1/4"	24.1
7/8"	40.7
3/8"	61.2
#4	72.3
#40	84.7



MDR Test method: TEX-113-E

Maximum Dry Density 120.6 PCF

Optimum Moisture 11.8 %

ZAV G_S = 2.57

Reviewed By: MLA Labs, Inc. AJ 3/22/21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood phases 1, 2 & 3
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 3/22/2021
Project No.: 20107183.016
Lab No.: P21-346
Report No.: 36 x 40
Tech.: JK

Description of Material: Olive Brown to Dark Grey Clay with Particles
Sampled By: J. Kolbeson
Source: Branchwood Path Sta: 1+50
Rammer: 5.5 lb mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Common Fill/Trench Backfill

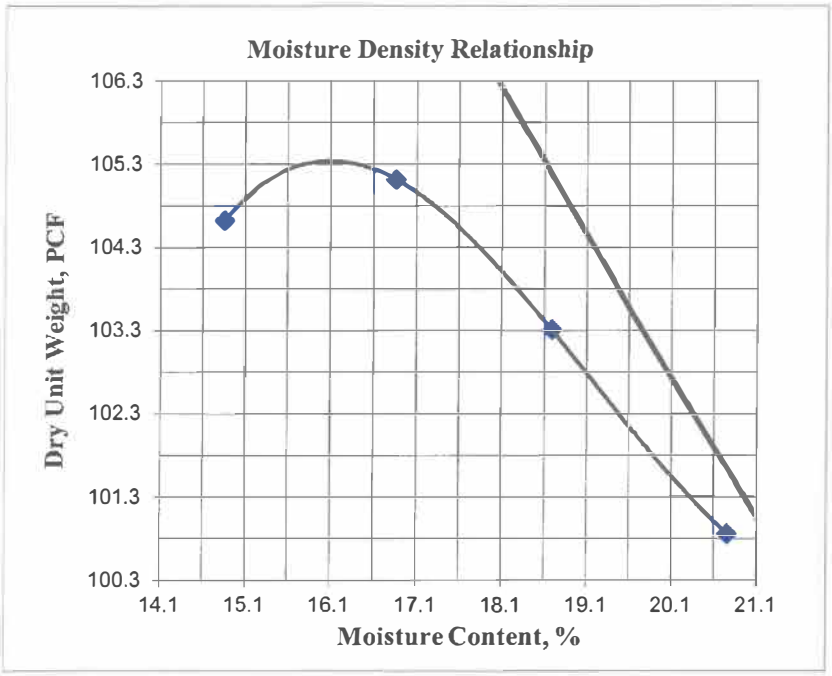


Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	40	
Plastic Limit:	15	
Plasticity Index:	25	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114 E

Maximum Dry Density 105.3 PCF

Optimum Moisture 16.1 %

ZAV G_S = 2.46

Reviewed By:
MLA Labs, Inc. 3/22/21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood phases 1, 2 & 3
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 3/24/2021
Project No.: 20107183.016
Lab No.: P21-344
Report No.: 35 x 36
Tech.: JK

Description of Material: Pale Brown to Dark Gray Clay Mix with Hard Aggregate
Sampled By: J. Kolbeson
Source: Elm Branch Trail Sta: 5+00
Rammer: 5.5 lb mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Common Fill/Trench Backfill

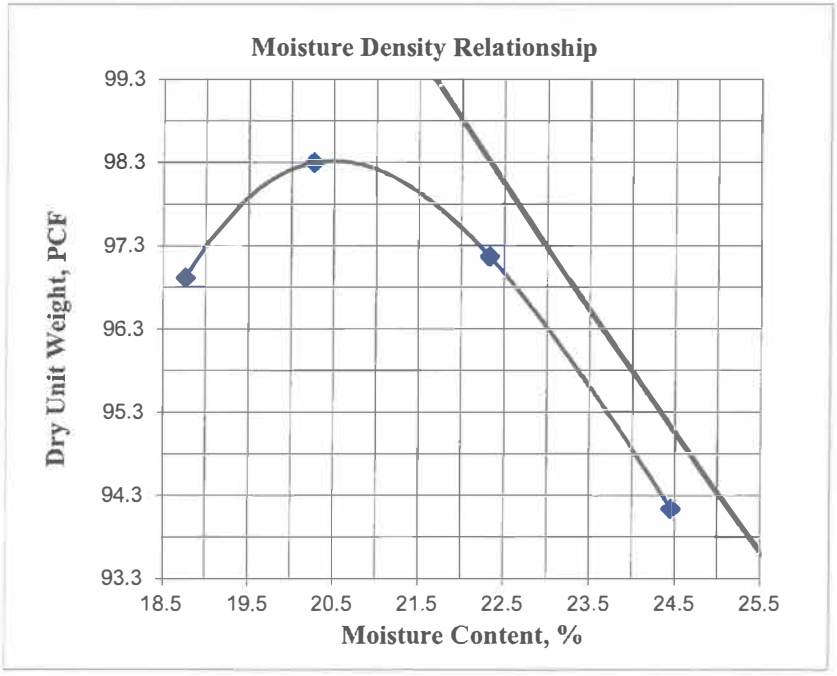


Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	40	
Plastic Limit:	16	
Plasticity Index:	24	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114 E

Maximum Dry Density 98.3 PCF

Optimum Moisture 20.5 %

ZAV G_S = 2.43

Reviewed By:
MLA Labs, Inc. 3/24/21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood phases 1, 2 & 3
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 3/24/2021
Project No.: 20107183.016
Lab No.: P21-345
Report No.: 37 & 38
Tech.: JK

Description of Material: Pale to Brown Clay with Particles
Sampled By: J. Kolbeson
Source: Elm Branch Trail Sta: 5+00
Rammer: 5.5 lb mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Common Fill/Trench Backfill

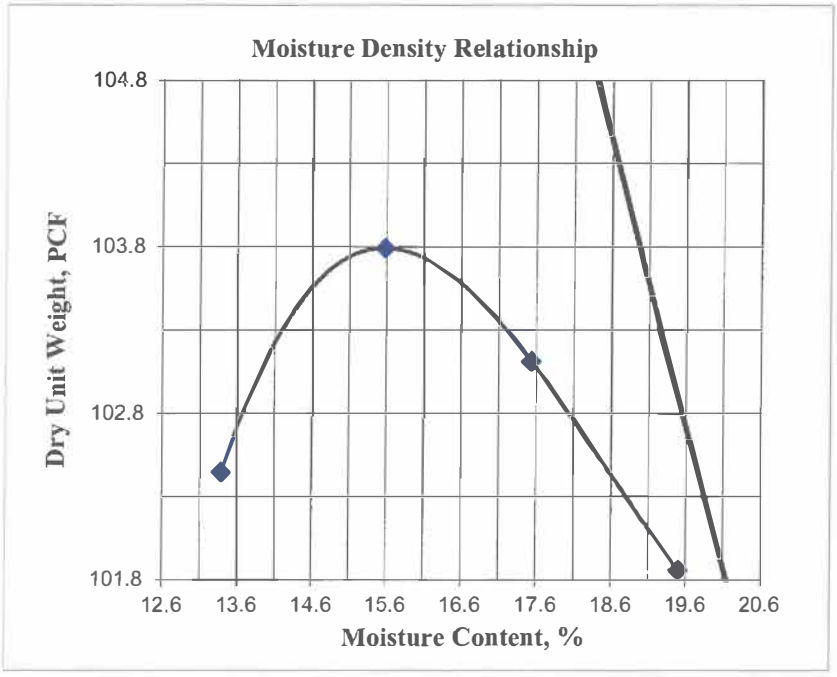


Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	31	
Plastic Limit:	13	
Plasticity Index:	18	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114 E

Maximum Dry Density 103.8 PCF

Optimum Moisture 15.6 %

ZAV G_S = 2.43

Reviewed By: AJ 3/24/21
MLA Labs, Inc.

Project: Castlewood phases 1. 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 03/30/21
Project No.: 20107183.016
Report No.: 41
Page No.:
Technician: BS

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WASTE WATER LINE- B																
75	STA: 9+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.9	95.0	26.2	101.4	PASS	
76	STA: 9+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.5	94.9	24.9	101.3	PASS	
77	STA: 12+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.3	93.8	28.3	100.1	PASS	
78	STA: 12+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.8	97.2	**22.2**	**103.7**	**FAIL**	**MST/COMP**
79	STA: 14+15	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	116.9	91.9	27.2	98.1	PASS	
80	STA: 14+15	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	120.7	96.1	25.6	**102.6**	**FAIL**	**COMP**
81	STA: 6+14	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	116.3	93.9	**23.9**	100.2	**FAIL**	**MST**

NOTES:

*Standard: Williamson County

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1547
Moisture:	567
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: City of Taylor Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: City of Tay lor Inspector
FAILURES REPORTED TO: City of Taylor Inspector
DENSITIES REQUIRING RETESTING: Dens #'s 78. 80-81

Comments:

MLA Geotechnical 3-31-21

Project: Castlewood Phases 1 ,2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 03/31/21
Project No.: 20107183.016
Report No.: 42
Page No.:
Technician: GS

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
82	WW LINE B Sta.14+15 RETEST	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.4	94.8	25.9	101.2	**PASS**	
83	WW LINE B Sta. 12+20 RETEST	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.9	93.8	24.6	100.1	**PASS**	
84	WW Line B Sta. 6+14	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.6	95.1	25.8	101.5	**PASS**	
85	WW Line B Sta. 6+14	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.1	93.9	24.7	100.2	**PASS**	
86	WW Line G Sta.2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.2	93.5	26.4	99.8	**PASS**	
87	WW Line G Sta.2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	120.7	96.8	24.7	103.3	**PASS**	****

NOTES:

*Standard: TAYLOR

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2878
Moisture:	646
Troxler No.:	3430
Serial No.:	74305

INSPECTOR ON SITE: TAYLOR Inspector On Site
MUNICIPALITY: TAYLOR
TESTS APPROVED BY: Inspector On Site
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments: ***PASS PER INSPECTOR

MLA Geotechnical 4-1-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/01/21
Project No.: 20107183.016
Report No.: 43
Page No.:
Technician: LM

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Waste Water Line "F"																
88	Sta: 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.3	94.2	26.6	100.5	PASS	
89	Sta: 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.3	95.3	25.2	101.7	PASS	
90	Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	117.3	93.3	25.7	99.6	PASS	
91	Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	117.5	93.5	25.7	99.8	PASS	
	Waste Water Line "H"																
92	Sta: 2+50	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	122.0	94.6	29.0	101.0	PASS	
93	Sta: 2+50	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	120.7	94.3	28.0	100.6	PASS	
94	Sta: 5+50	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	117.0	92.6	26.3	98.8	PASS	
95	Sta: 5+50	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	115.5	92.6	24.7	98.8	PASS	
96	Sta: 8+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.7	92.5	28.3	98.7	PASS	
97	Sta: 8+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.5	94.4	26.6	100.7	PASS	
	Waste Water Line "G"																
98	Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	116.5	91.8	26.9	98.0	PASS	
99	Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	120.5	95.2	26.6	101.6	PASS	

NOTES:

*Standard: TAYLOR

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1540
Moisture:	561
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: TAYLOR Inspector On Site
MUNICIPALITY: TAYLOR
TESTS APPROVED BY: Inspector On Site
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.2.21

Project: Castlewood Phases 1 , 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/06/21
Project No.: 20107183.016
Report No.: 44
Page No.:
Technician: MM

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
100	WL-D STA: 4+50	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	120.2	93.8	28.1	100.1	Pass	
101	WL-D STA: 4+50	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.4	95.5	25.1	102.0	Pass	
102	WW-C STA: 7+50	P21-344	24	98.3	20.5	95	102	OPT	+	-2	6"	118.3	97.1	21.8	98.8	Pass	
103	WW-C STA: 7+50	P21-344	24	98.3	20.5	95	102	OPT	+	-1	6"	115.2	93.8	22.8	95.4	Pass	
104	WW-F STA: 8+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	115.4	90.5	27.5	96.6	Pass	
105	WW-F STA: 8+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	117.3	92.1	27.4	98.3	Pass	
106	WW-F STA: 11+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.6	94.1	26.0	100.4	Pass	
107	WW-F STA: 11+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	121.2	95.6	26.8	102.0	Pass	
108	WW-F STA: 14+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.3	93.6	27.5	99.9	Pass	
109	WW-F STA: 14+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	117.8	91.8	28.3	98.0	Pass	
110	WW-J STA: 1+70	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	120.5	95.3	26.4	101.7	Pass	
111	WW-J STA: 1+70	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.2	92.6	28.7	98.8	Pass	
112	WW-F STA: 16+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	121.9	95.3	27.9	101.7	Pass	
113	WW-F STA: 16+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	118.6	90.8	30.6	96.9	FAIL	

NOTES:

*Standard: TAYLOR

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2722
Moisture:	645
Troxler No.:	3430
Serial No.:	77062

INSPECTOR ON SITE: TAYLOR Inspector On Site
MUNICIPALITY: TAYLOR
TESTS APPROVED BY: Inspector On Site
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.7.21

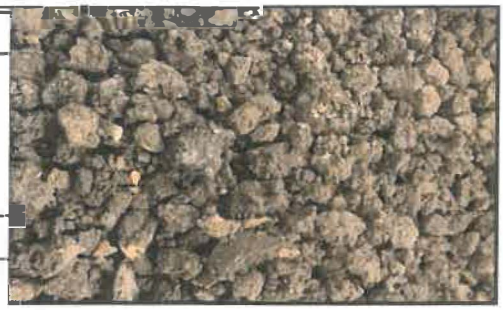
MLA Geotechnical
"put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood phases 1, 2 & 3
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 4/13/2021
Project No.: 20107183.016
Lab No.: P21-343
Report No.: 33 + 34
Tech.: JK

Description of Material: Dark Brown Clay with Particles
Sampled By: J. Kolbeson
Source: Elm Branch Trail Sta: 5+00
Rammer: 5.5 lb mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Common Fill/Trench Backfill

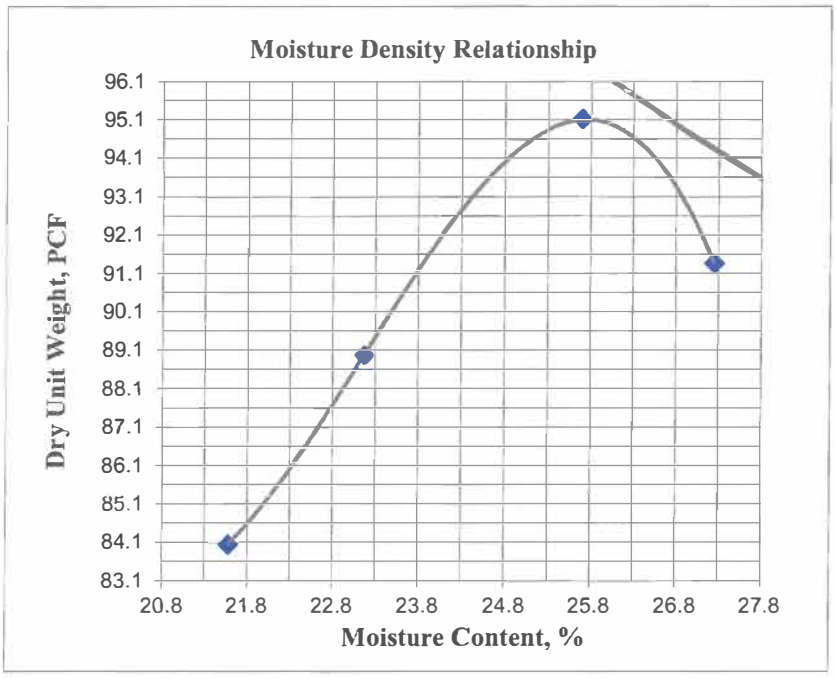


Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	53	
Plastic Limit:	18	
Plasticity Index:	35	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
7/8"	0.0



MDR Test method: TEX-114 E

Maximum Dry Density 95.1 PCF

Optimum Moisture 24.8 %

ZAV G_S = 2.57

Reviewed By:
MLA Labs, Inc. AJ 4/13/21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/07/21
Project No.: 20107183.016
Report No.: 45
Page No.: 1 of 2
Technician: LM

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Waste Water "I"																
124	Sta: 1+70	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	121.3	98.1	23.6	104.7	Fail	
125	Sta: 1+70	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	114.1	90.7	25.8	96.8	Fail	
	Waste Water "A"																
126	Sta:35+00	P21-344	24	98.3	20.5	95	102	OPT	+	-3	6"	122.4	100.0	22.4	101.7	Pass	
127	Sta:35+00	P21-344	24	98.3	20.5	95	102	OPT	+	-2	6"	123.9	102.8	20.5	104.6	Fail	
128	Sta:35+00	P21-344	24	98.3	20.5	95	102	OPT	+	-1	6"	124.1	102.4	21.2	104.2	Fail	

NOTES:

*Standard: Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1528
Moisture:	560
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: Taylor
TESTS APPROVED BY: Site Lead
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4-9-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/07/21
Project No.: 20107183.016
Report No.: 45
Page No.: 2 of 2
Technician: LM

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Waste Water Service "F"																
114	Lot 12/13	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.9	95.0	25.2	101.4	Pass	
115	Lot 12/13	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	118.6	94.9	25.0	101.3	Pass	
116	Lot 10/11	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	122.9	95.3	29.0	101.7	Pass	
117	Lot 10/11	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.9	94.3	27.1	100.6	Pass	
118	Lot 6/7	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.8	94.2	26.1	100.5	Pass	
119	Lot 6/7	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	121.7	94.3	29.1	100.6	Pass	
120	Lot 3/4	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	121.9	96.7	26.1	103.2	Pass	
121	Lot 3/4	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	122.2	97.8	24.9	104.4	Pass	
122	Lot 1/2	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	120.0	95.1	26.2	101.5	Pass	
123	Lot 1/2	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	120.0	93.9	27.8	100.2	Pass	

NOTES:

*Standard: Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1528
Moisture:	560
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: Taylor
TESTS APPROVED BY: Site Lead
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.9.21

Project: Castlewood Phases 1 , 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/08/21
Project No.: 20107183.016
Report No.: 46
Page No.: 1 of 2
Technician: LM

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Waste Water- H																
129	Lot 10/11	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	117.5	93.5	25.7	99.8	Pass	
130	Lot 10/11	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.7	95.6	25.2	102.0	Pass	
131	Lot 6/7	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	117.6	93.8	25.4	100.1	Pass	
132	Lot 6/7	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	117.8	95.8	23.0	102.2	Failed	
133	Lot 2/3	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.1	92.8	28.3	99.0	Pass	
134	Lot 2/3	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	124.2	95.6	29.9	102.0	Pass	
	Waste Water- I																
135	Sta: 1+70 (Retest)	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.8	95.0	26.1	101.4	Pass	
136	Sta: 1+70 (Retest)	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	121.4	93.9	29.3	100.2	Pass	
	Waste Water- B																
137	Lot 1/2	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.5	95.6	25.0	102.0	Pass	
138	Lot 1/2	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	115.8	92.8	24.8	99.0	Pass	
139	Lot5/6	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.5	93.0	27.4	99.3	Pass	
140	Lot5/6	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	117.8	92.7	27.1	98.9	Pass	

NOTES:

*Standard: Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1539
Moisture:	563
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: TAYLOR Inspector On Site
MUNICIPALITY: TAYLOR
TESTS APPROVED BY: Inspector On Site
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.12.21

Project: Castlewood Phases 1 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/08/21
Project No.: 20107183.016
Report No.: 46
Page No.: 2 of 2
Technician: LM

MLA Geotechnical "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Waste Water- B																
141	Lot 11/12	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.5	92.3	28.4	98.5	Pass	
142	Lot 11/12	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	114.8	91.9	24.9	98.1	Pass	
	Waste Water- Manhole																
143	Sta:8+58	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.9	94.7	26.6	101.1	Pass	
144	Sta:8+58	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.2	93.2	27.9	99.5	Pass	

NOTES:

*Standard: Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1539
Moisture:	563
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: TAYLOR Inspector On Site
MUNICIPALITY: TAYLOR
TESTS APPROVED BY: Inspector On Site
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4-12-21

Project: Castlewood Phases 1 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/13/21
Project No.: 20107183.016
Report No.: 47
Page No.:
Technician: LM

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WW MH "B"																
145	Sta:11+47	P20-040	31	93.7	24.7	98	102	OPT	+	-2	6"	118.2	94.4	25.2	100.7	Pass	
146	Sta:11+47	P20-040	31	93.7	24.7	98	102	OPT	+	-1	6"	117.3	92.3	27.1	98.5	Pass	
	WWS "C"																
147	Sta: 5+80	P20-040	31	93.7	24.7	98	102	OPT	+	-3	6"	118.8	94.4	25.8	100.7	Pass	
148	Sta: 5+80	P20-040	31	93.7	24.7	98	102	OPT	+	-2	6"	120.3	94.1	27.8	100.4	Pass	
149	Sta: 5+80	P20-040	31	93.7	24.7	98	102	OPT	+	-1	6"	119.4	95.0	25.7	101.4	Pass	
150	Sta: 4+40	P20-040	31	93.7	24.7	98	102	OPT	+	-2	6"	120.4	92.9	29.6	99.1	Pass	
151	Sta: 4+40	P20-040	31	93.7	24.7	98	102	OPT	+	-1	6"	119.9	92.1	30.2	98.3	Pass	
	WWM "C"																
152	Sta: 3+50	P20-040	31	93.7	24.7	98	102	OPT	+	-3	6"	120.1	94.1	27.6	100.4	Pass	
153	Sta: 3+50	P20-040	31	93.7	24.7	98	102	OPT	+	-2	6"	120.6	93.2	29.4	99.5	Pass	
154	Sta: 3+50	P20-040	31	93.7	24.7	98	102	OPT	+	-1	6"	117.0	93.4	25.3	99.7	Pass	

NOTES:

*Standard: Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1548
Moisture:	558
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: TAYLOR Inspector On Site
MUNICIPALITY: TAYLOR
TESTS APPROVED BY: Inspector On Site
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.14.21

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/14/21
Project No.: 20107183.016
Report No.: 48
Page No.:
Technician: BS

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WASTE WATER MANHOLES																
155	Line B @ STA: 14+28	P21-038	31	98.8	22.8	98	102	OPT	+	-2'	6"	122.9	98.5	24.8	99.7	PASS	
156	Line B @ STA: 14+28	P21-038	31	98.8	22.8	98	102	OPT	+	-1'	6"	122.4	100.6	**21.7**	101.8	**FAIL**	MST
157	Line G @ STA: 2+34	P21-038	31	98.8	22.8	98	102	OPT	+	-2'	6"	124.5	99.6	25.0	100.8	PASS	
158	Line G @ STA: 2+34	P21-038	31	98.8	22.8	98	102	OPT	+	-1'	6"	121.7	99.1	22.8	100.3	PASS	
159	Line H @ STA: 8+30	P21-038	31	98.8	22.8	98	102	OPT	+	-2'	6"	123.2	99.9	23.3	101.1	PASS	
160	Line H @ STA: 8+30	P21-038	31	98.8	22.8	98	102	OPT	+	-1'	6"	126.1	103.5	**21.8**	**104.8**	**FAIL**	MST/COMP
161	Line G @ STA: 6+27	P20-040	31	93.7	24.7	98	102	OPT	+	-2'	6"	119.7	93.6	27.9	99.9	PASS	
162	Line G @ STA: 6+27	P20-040	31	93.7	24.7	98	102	OPT	+	-1'	6"	119.5	95.5	25.1	101.9	PASS	
163	Line F @ STA: 11+94	P21-038	31	98.8	22.8	98	102	OPT	+	-2'	6"	119.6	97.6	**22.5**	98.8	**FAIL**	MST
164	Line F @ STA: 14+73	P21-038	31	98.8	22.8	98	102	OPT	+	-2'	6"	121.9	98.1	24.3	99.3	PASS	
165	Line F @ STA: 14+73	P21-038	31	98.8	22.8	98	102	OPT	+	-1'	6"	121.6	98.3	23.7	99.5	PASS	
166	Line J @ STA: 2+08	P21-038	31	98.8	22.8	98	102	OPT	+	-2'	6"	125.1	102.8	**21.7**	**104.0**	**FAIL**	MST/COMP
167	Line F @ STA: 15+90	P20-040	31	93.7	24.7	98	102	OPT	+	-2'	6"	120.9	95.6	26.5	102.0	PASS	
168	Line F @ STA: 15+90	P20-040	31	93.7	24.7	98	102	OPT	+	-1'	6"	123.0	97.8	25.8	**104.4**	**FAIL**	COMP
169	Line F @ STA: 16+96	P20-040	31	93.7	24.7	98	102	OPT	+	-2'	6"	120.4	95.4	26.2	101.8	PASS	
170	Line F @ STA: 16+96	P20-040	31	93.7	24.7	98	102	OPT	+	-1'	6"	118.9	95.0	25.2	101.4	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2610
Moisture:	674
Troxler No.:	3430
Serial No.:	78737

INSPECTOR ON SITE: City of Taylor Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: City of Taylor Inspector
FAILURES REPORTED TO: City of Taylor Inspector
DENSITIES REQUIRING RETESTING: Dens #'s 156,160,163,166,168
MST= Moisture, COMP = Compaction

Comments:

MLA Geotechnical 4.15.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/15/21
Project No.: 20107183.016
Report No.: 49
Page No.:
Technician: MM

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
171	**MH WWE STA: 3+90**	P20-040	31	93.7	24.7	98	102	OPT	+	-2	6"	119.2	94.1	26.7	100.4	Pass	
172	**MH WWE STA: 3+90**	P20-040	31	93.7	24.7	98	102	OPT	+	-1	6"	117.8	93.3	26.3	99.6	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2756
Moisture:	645
Troxler No.:	3430
Serial No.:	77062

INSPECTOR ON SITE: City of Taylor Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: City of Taylor Inspector
FAILURES REPORTED TO: City of Taylor Inspector
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.16.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/19/21
Project No.: 20107183.016
Report No.: 50
Page No.:
Technician: EL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
173	WL-I @ STA: 1+50	P21-346	25	105.3	16.1	98	102	OPT	+	-3	6"	125.6	104.4	20.3	99.1	**Pass**	
174	WL-I @ STA: 1+50	P21-346	25	105.3	16.1	98	102	OPT	+	-2	6"	127.7	104.5	22.2	99.2	**Pass**	
175	WL-I @ STA: 1+50	P21-346	25	105.3	16.1	98	102	OPT	+	-1	6"	127.5	105.4	21.0	100.1	**Pass**	
176	WL-I @ STA: 5+50	P21-346	25	105.3	16.1	98	102	OPT	+	-3	6"	125.8	104.4	20.5	99.1	**Pass**	
177	WL-I @ STA: 5+50	P21-346	25	105.3	16.1	98	102	OPT	+	-2	6"	126.9	105.1	20.7	99.8	**Pass**	
178	WL-I @ STA: 5+50	P21-346	25	105.3	16.1	98	102	OPT	+	-1	6"	127.7	106.0	20.5	100.7	**Pass**	
179	WL-J @ STA: 13+00	P21-344	24	98.3	20.5	98	102	OPT	+	-3	6"	119.0	98.5	20.8	100.2	**Pass**	
180	WL-J @ STA: 13+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	123.9	100.2	23.7	101.9	**Pass**	
181	WL-J @ STA: 13+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	119.5	97.6	22.4	99.3	**Pass**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2348
Moisture:	699
Troxler No.:	3430
Serial No.:	77110

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: n/a
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical P 4.20.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/20/21
Project No.: 20107183.016
Report No.: 51
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WWL A Manhole																
182	Sta: 36+17	P21-344	24	98.3	20.5	98	102	OPT	+	-3'	6"	122.3	98.2	24.5	99.9	PASS	
183	Sta: 36+17	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	121.2	98.1	23.5	99.8	PASS	
184	Sta: 36+17	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.4	96.5	26.8	98.2	PASS	
	WWL A Main																
185	Sta: 39+00	P21-344	24	98.3	20.5	98	102	OPT	+	-3'	6"	120.6	97.4	23.8	99.1	PASS	
186	Sta: 39+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	122.7	100.0	22.7	101.7	PASS	
187	Sta: 39+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	119.5	98.4	21.4	100.1	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2043
Moisture:	585
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 4-21-21

Project: Castlewood Phases 1 , 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/21/21
Project No.: 20107183.016
Report No.: 52
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
188	WWL B Manhole Sta: 14+24 (Retest)	P21-040	32	93.7	24.7	98	102	OPT	+	Final	6"	117.7	93.9	25.3	100.2	PASS	
189	WWL D Manhole Sta: 2+24 (Retest)	P21-040	32	93.7	24.7	98	102	OPT	+	Final	6"	116.8	92.2	26.7	98.4	PASS	
190	WWL I Manhole Sta: 2+35	P21-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.0	94.3	26.2	100.6	PASS	
191	WWL I Manhole Sta: 2+35	P21-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.4	94.8	24.9	101.2	PASS	
192	WWL F Manhole Sta:11+94 (Retest	P21-040	32	93.7	24.7	98	102	OPT	+	Final	6"	120.6	94.7	27.3	101.1	PASS	
193	WWL J Manhole Sta: 2+08	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	117.6	90.2	30.4	100.2	PASS	
194	WWL J Manhole Sta: 2+08	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	114.5	89.4	28.1	99.3	PASS	
195	WWL H Manhole Sta: 8+30 (Retest)	P21-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.5	91.9	27.9	98.1	PASS	
196	WWL H Manhole Sta: 3+89	P21-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	121.1	92.8	30.5	99.0	PASS	
197	WWL H Manhole Sta: 3+89	P21-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	120.7	94.9	27.2	101.3	PASS	
198	WWL F Manhole Sta:5+79	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	116.3	89.9	29.4	99.9	PASS	
199	WWL F Manhole Sta:5+79	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.1	86.6	32.9	96.2	FAIL	FC
200	WWL F Manhole Sta: 7+24	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	122.5	98.1	24.9	99.8	PASS	
201	WWL F Manhole Sta: 7+24	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.5	96.6	25.8	98.3	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2039
Moisture:	547
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: City of Taylor Inspector
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: City of Taylor Inspector
FAILURES REPORTED TO: City of Taylor Inspector
DENSITIES REQUIRING RETESTING: 199

Comments: FC= Fail Compaction

MLA Geotechnical 4.22.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/22/21
Project No.: 20107183.016
Report No.: 53
Page No.:
Technician: MM

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
202	WW Main Line A STA: 32+75	P21-344	24	98.3	20.5	98	102	OPT	+	-3	6"	123.2	99.7	23.6	101.4	Pass	
203	WW Main Line A STA: 32+75	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	121.2	98.2	23.4	99.9	Pass	
204	WW Main Line A STA: 32+75	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	123.4	99.3	24.3	101.0	Pass	
205	WWS Long Line A Lot 4-5	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	122.3	100.3	21.9	102.0	Pass	
206	WWS Long Line A Lot 4-5	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	121.1	98.3	23.2	100.0	Pass	
207	WWS Long Line C Lots 7-8	P21-343	35	95.1	24.8	98	102	OPT	+	-2	6"	120.9	96.8	24.9	101.8	Pass	
208	WWS Long Line C Lots 7-8	P21-343	35	95.1	24.8	98	102	OPT	+	-1	6"	120.6	95.9	25.8	100.8	Pass	
209	MH C-1	P21-343	35	95.1	24.8	98	102	OPT	+	-3	6"	120.5	96.9	24.8	101.9	Pass	
210	MH C-1	P21-343	35	95.1	24.8	98	102	OPT	+	-2	6"	117.0	93.3	25.4	98.1	Pass	
211	MH C-1	P21-343	35	95.1	24.8	98	102	OPT	+	-1	6"	119.7	95.0	26.0	99.9	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2841
Moisture:	642
Troxler No.:	3430
Serial No.:	77062

INSPECTOR ON SITE: No Inspector
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: No Failures
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.23.21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

FAILED or CANCELLED TESTING REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 04/23/21
PROJECT NO.: 20107183.016
REPORT NO.: 54
PAGE NO.:
TECHNICIAN: JB

Summary of Work: Trench Backfill Densities

Contractors Working This Date: DNT

Weather Conditions: Rain

Ambient Temperature: 60's

Time Arrived at Project Site: 12:50

Time Departed Project Site: 13:30

Date and Time Testing Scheduled: 4/23/21 @ 13:00

Scheduled by: Lorenzo

Reason for Testing Exception: Raining

Results of Inspection: Technician arrived on site at the scheduled time. After Arrival, Technician checked in with the contractor's representative. As technician was talking to the representative, rain began to fall. Testing was cancelled and Technician departed site.

4.26.21

MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/26/21
Project No.: 20107183.016
Report No.: 55
Page No.: 1 of 2
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WL C																
212	Sta: 3+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	116.7	91.8	27.1	98.0	PASS	
213	Sta: 3+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.6	91.9	28.0	98.1	PASS	
214	Sta: 6+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.0	92.3	27.8	98.5	PASS	
215	Sta: 6+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.6	93.5	25.8	99.8	PASS	
216	Sta: 9+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	114.7	91.8	24.9	98.0	PASS	
217	Sta: 9+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.0	93.9	26.7	100.2	PASS	
	WL J																
218	Sta: 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	113.8	87.0	30.8	92.8	FAIL	FM
	WL A																
219	Sta: 8+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.2	92.8	26.3	99.0	PASS	
220	Sta: 8+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.9	94.5	25.8	100.9	PASS	
	WL A Crossing																
221	Sta: 9+ 82	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	119.0	98.6	20.8	100.3	PASS	
222	Sta: 9+82	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	108.4	89.5	21.1	91.0	FAIL	FC

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938- 17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2007
Moisture:	592
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Sam w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Sam w/ City of Taylor
FAILURES REPORTED TO: Sam w/ City of Taylor
DENSITIES REQUIRING RETESTING: 21'8222

Comments: FM= Fail Moisture FC= Fail Compaction

MLA Geotechnical 4-27-21

Project: Castlewood Phases 1 , 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/26/21
Project No.: 20107183.016
Report No.: 55
Page No.: 2 of 2
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WL A																
223	Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.6	92.2	27.5	98.4	PASS	
224	Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.0	91.8	28.5	98.0	PASS	
	WL A Crossing																
225	Sta: 4+36	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.8	92.9	29.0	99.1	PASS	
226	Sta: 4+36	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.8	93.9	25.5	100.2	PASS	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2007
Moisture:	592
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Sam w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Sam w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 4-27-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/27/21
Project No.: 20107183.016
Report No.: 56
Page No.: 1 of 2
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
227	WL A Crossing Sta: 9+82 (Retest)	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	120.9	97.6	23.9	99.3	PASS	
228	WL J Sta: 2+00 (Retest)	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	118.8	96.7	22.9	98.4	PASS	
229	WL J Sta: 2+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.0	99.5	22.6	101.2	PASS	
230	Water Services Block 2 Lots 4A -4B	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	120.9	98.0	23.4	99.7	PASS	
231	Water Services Block 2 Lots 4A -4B	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.3	98.0	23.8	99.7	PASS	
232	Water Services Block 2 Lots 6A -6B	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	125.4	98.5	27.3	100.2	PASS	
233	Water Services Block 2 Lots 6A -6B	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.0	98.8	23.5	100.5	PASS	
234	WL J Sta: 5+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	118.9	96.3	23.5	98.0	PASS	
235	WL J Sta: 5+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	120.5	99.5	21.1	101.2	PASS	
236	Water Services Block 2 Lots 8A -8B	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	120.3	97.0	24.0	98.7	PASS	
237	Water Services Block 2 Lots 8A -8B	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.7	98.2	24.9	99.9	PASS	
238	WL K Sta: 2+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	117.5	97.2	20.9	98.9	PASS	
239	WL K Sta: 2+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	123.0	99.0	24.2	100.7	PASS	
240	WL J Sta: 8+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	121.2	96.7	25.3	98.4	PASS	
241	WL J Sta: 8+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	120.4	99.4	21.1	101.1	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2050
Moisture:	593
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Sam w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Sam w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 4/28/21

Project: Castlewood Phases 1 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/27/21
Project No.: 20107183.016
Report No.: 56
Page No.: 2 of 2
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
242	Water Services Block 3 Lots 1 - 2	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	123.9	100.1	23.8	101.8	PASS	
243	Water Services Block 3 Lots 1 - 2	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	123.7	99.4	24.4	101.1	PASS	
244	WL D Sta: 13+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	125.5	97.8	28.3	99.5	PASS	
245	WL D Sta: 13+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.5	98.7	24.1	100.4	PASS	
246	WL D Sta: 10+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	118.9	94.7	25.6	96.3	**FAIL**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2050
Moisture:	593
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Sam w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Sam w/ City of Taylor
FAILURES REPORTED TO: Sam w/ City of Taylor
DENSITIES REQUIRING RETESTING: 246

Comments: FC= Fail Compaction

MLA Geotechnical 4-28-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 04/28/21
Project No.: 20107183.016
Report No.: 57
Page No.:
Technician: LM

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Block "2"																
247	WL "J" Lot 2A-2B	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	121.0	99.0	22.2	100.7	Pass	
248	WL "J" Lot 2A-2B	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	120.5	98.8	22.0	100.5	Pass	
	Block "11"																
249	WL "C" Lot 3/4	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	123.5	99.0	24.7	100.7	Pass	
250	WL "C" Lot 3/4	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	121.9	96.6	26.2	98.3	Pass	
251	WL "C" Lot 7/8	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	126.3	98.1	28.7	99.8	Pass	
252	WL "C" Lot 7/8	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	120.5	96.9	24.4	98.6	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1543
Moisture:	560
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: City of Taylor Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: City of Taylor Inspector on site
FAILURES REPORTED TO:
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 4.29.21

Project: Castlewood Phases 1 ,2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/04/21
Project No.: 20107183.016
Report No.: 58
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WWL A																
253	Sta: 30+55	P21-344	24	98.3	20.5	98	102	OPT	+	-3'	6"	115.6	92.4	25.1	94.0	**FAIL**	
	WWL A Manhole																
254	Sta: 31+60	P21-344	24	98.3	20.5	98	102	OPT	+	-4'	6"	123.3	99.7	23.7	101.4	PASS	
255	Sta: 31+60	P21-344	24	98.3	20.5	98	102	OPT	+	-3'	6"	123.2	100.3	22.8	102.0	PASS	
256	Sta: 31+60	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	120.1	98.1	22.4	99.8	PASS	
257	Sta: 31+60	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.2	100.1	22.1	101.8	PASS	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2014
Moisture:	
Troxler No.:	
Serial No.:	

INSPECTOR ON SITE: Edward w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Edward w/ City of Taylor
FAILURES REPORTED TO: Edward w/ City of Taylor
DENSITIES REQUIRING RETESTING: 253

Comments:

MLA Geotechnical 5-5-21

Project: Castlewood Phases 1 , 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/05/21
Project No.: 20107183.016
Report No.: 59
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WS Block 11																
258	Lot 16	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	121.4	95.1	27.7	101.5	PASS	
259	Lot 16	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.6	94.3	26.8	100.6	PASS	
260	Lot 11 & 12	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.5	93.8	25.3	100.1	PASS	
261	Lot 11 & 12	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.8	93.6	24.8	99.9	PASS	
262	WWL F Manhole Sta: 5+79 (Retest)	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	110.8	88.5	25.2	98.3	PASS	
263	WW Services Block 12 Lot 16	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.2	92.3	28.1	98.5	PASS	
264	WW Services Block 12 Lot 16	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.0	93.8	26.9	100.1	PASS	
265	W Services Block 13 Lot 11	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	116.9	96.4	21.3	98.1	PASS	
266	W Services Block 13 Lot 11	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.2	100.3	20.8	102.0	PASS	
267	WL D Sta: 10+00 (Retest)	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.3	100.1	21.2	101.8	PASS	
268	W Services Block 13 Lot 13 & 14	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.1	92.2	30.3	98.4	PASS	
269	W Services Block 13 Lot 13 & 14	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.9	95.5	25.5	101.9	PASS	
270	WW Services Block 12 Lot 6 & 7 (Retest)	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.7	92.9	28.8	99.1	PASS	
271	W Services Block 13 Lot 17& 18	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.8	95.4	26.6	101.8	PASS	
272	W Services Block 13 Lot 17& 18	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.2	93.5	26.4	99.8	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2024
Moisture:	590
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Edward w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Ed ward w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5.6.21

Project: Castlewood Phases 1 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/06/21
Project No.: 20107183.016
Report No.: 40
Page No.: 1 of 2
Technician: JB

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
289	Water Services Block 19 Lot 2 & 3	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	121.7	98.4	23.7	100.1	PASS	
290	Water Services Block 19 Lot 2 & 3	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.2	98.1	24.6	99.8	PASS	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2031
Moisture:	530
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Ed ward w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Ed ward w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5.7.21

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/06/21
Project No.: 20107183.016
Report No.: 60
Page No.: 2 of 2
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
273	Water Services Block 17 Lot 15 & 16	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.6	92.8	30.0	99.0	PASS	
274	Water Services Block 17 Lot 15 & 16	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	121.6	93.4	30.2	99.7	PASS	
275	SSL F Sta: 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.3	92.9	28.4	99.1	PASS	
276	SSL F Sta: 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	120.1	95.2	26.2	101.6	PASS	
277	Water Services Block 17 Lot 11 & 12	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	118.8	90.1	31.9	100.1	PASS	
278	Water Services Block 17 Lot 11 & 12	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	118.0	91.2	29.4	101.3	PASS	
279	Water Services Block 17 Lot 3 & 4	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.8	95.3	26.8	101.7	PASS	
280	Water Services Block 17 Lot 3 & 4	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	124.3	94.9	31.0	101.3	PASS	
281	SSL F Sta 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.2	92.3	29.1	98.5	PASS	
282	SSL F Sta 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	120.0	92.6	29.6	98.8	PASS	
283	SSL D Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.6	93.7	27.6	100.0	PASS	
284	SSL D Sta: 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.2	95.5	24.8	101.9	PASS	
285	SSL D Sta: 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.3	91.6	30.2	97.8	PASS	
286	WL H Sta 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.1	93.9	27.9	100.2	PASS	
287	WL H Sta 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.3	93.3	27.9	99.6	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2031
Moisture:	530
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Edward w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Edward w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5-7-21

Project: Castlewood phases 1. 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/10/21
Project No.: 20107183.016
Report No.: 61
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
291	Water Services Block 4 Lot 2 & 3	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	123.8	100.2	23.6	101.9	PASS	
292	Water Services Block 4 Lot 2 & 3	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	124.8	98.9	26.2	100.6	PASS	
293	Water Services Block 4 Lot 6 & 7	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	122.0	99.9	22.1	101.6	PASS	
294	Water Services Block 4 Lot 6 & 7	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.9	97.7	24.8	99.4	PASS	
295	Water Services Block 4 Lot 10 & 11	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	124.7	98.0	27.2	99.7	PASS	
296	Water Services Block 4 Lot 10 & 11	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	125.2	99.9	25.3	101.6	PASS	
297	Water Services Block 3 Lot 1 & 2	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	125.2	99.4	26.0	101.1	PASS	
298	Water Services Block 3 Lot 1 & 2	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	124.3	97.5	27.5	99.2	PASS	
299	Water Services Block 3 Lot 5 & 6	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	124.8	97.6	27.9	99.3	PASS	
300	Water Services Block 3 Lot 5 & 6	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	123.6	98.5	25.5	100.2	PASS	
301	Water Services Block 3 Lot 9 & 10	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.7	92.5	30.5	98.7	PASS	
302	Water Services Block 3 Lot 9 & 10	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.0	93.0	26.9	99.3	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2102
Moisture:	576
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Edward w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Edward w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5/11/21

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/11/21
Project No.: 20107183.016
Report No.: 68
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
303	WW MH A9 Sta:28+69	P20-040	32	93.7	24.7	98	102	OPT	+	-8'	6"	119.1	93.1	27.9	99.4	PASS	
304	WW MH A9 Sta:28+69	P20-040	32	93.7	24.7	98	102	OPT	+	-7'	6"	117.1	93.1	25.8	99.4	PASS	
305	WW MH A9 Sta:28+69	P20-040	32	93.7	24.7	98	102	OPT	+	-6'	6"	117.3	94.1	24.7	100.4	PASS	
306	WWL A Sta:28+00	P20-040	32	93.7	24.7	98	102	OPT	+	-3'	6"	119.1	93.1	27.9	99.4	PASS	
307	WWL A Sta:28+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.3	93.3	28.9	99.6	PASS	
308	WWL A Sta:28+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.1	94.6	24.8	101.0	PASS	
309	WWL A Sta: 26+00	P20-040	32	93.7	24.7	98	102	OPT	+	-6'	6"	116.2	92.7	25.4	98.9	PASS	
310	WWL A Sta: 26+00	P20-040	32	93.7	24.7	98	102	OPT	+	-5'	6"	119.4	94.8	25.9	101.2	PASS	
311	WWL A Sta: 26+00	P20-040	32	93.7	24.7	98	102	OPT	+	-4'	6"	119.3	94.3	26.5	100.6	PASS	
312	WWL A Sta: 26+00	P20-040	32	93.7	24.7	98	102	OPT	+	-3'	6"	119.7	94.6	26.5	101.0	PASS	
313	WWL A Sta: 30+00	P21-344	24	98.3	20.5	98	102	OPT	+	-3'	6"	121.7	99.0	22.9	100.7	PASS	
314	WWL A Sta: 30+00	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	123.3	100.1	23.2	101.8	PASS	
315	WWL A Sta: 30+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	118.0	96.4	22.4	98.1	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2015
Moisture:	585
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5-12-21

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/12/21
Project No.: 20107183.016
Report No.: 63
Page No.:
Technician: JL/AS

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
316	WWS Lot 1 & 15 Block 15	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	121.3	94.0	29.0	100.3	Pass	
317	WWS Lot 1 & 15 Block 15	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	121.8	93.6	30.1	99.9	Pass	
318	WS Lot 13 & 14 Block 16	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	121.5	95.3	27.5	101.7	Pass	
319	WS Lot 13 & 14 Block 16	P20-040	32	93.7	24.7	98	102	OPT	+	-1	6"	120.6	95.3	26.5	101.7	Pass	
320	WS Lot 9 & 10 Block 16	P20-040	32	93.7	24.7	98	102	OPT	+	-2	6"	115.6	87.5	32.1	93.4	Fail	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1827
Moisture:	574
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: City of Taylor Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: City of Taylor Inspector
FAILURES REPORTED TO: City of Taylor
DENSITIES REQUIRING RETESTING: # 320

Comments:

MLA Geotechnical 5.13.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/13/21
Project No.: 20107183.016
Report No.: 64
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
321	WL D Sta: 7+00	P21-037	32	90.0	24.3	98	102	OPT	"+	-2'	6"	115.2	89.2	29.1	99.1	PASS	
322	WL D Sta: 7+00	P21-037	32	90.0	24.3	98	102	OPT	"+	-1'	6"	115.1	91.3	26.1	101.4	PASS	
323	SSL D Grate Inlet Sta: 1+59	P21-344	24	98.3	20.5	98	102	OPT	"+	-2'	6"	123.6	98.6	25.4	100.3	PASS	
324	SSL D Grate Inlet Sta: 1+59	P21-344	24	98.3	20.5	98	102	OPT	"+	-1'	6"	122.4	96.6	26.7	98.3	PASS	
325	SSL D Grate Inlet Sta: 3+34	P20-040	32	93.7	24.7	98	102	OPT	"+	-2'	6"	118.5	92.5	28.1	98.7	PASS	
326	SSL D Grate Inlet Sta: 3+34	P20-040	32	93.7	24.7	98	102	OPT	"+	-1'	6"	118.3	94.8	24.8	101.2	PASS	
327	SSL D Sta: 5+00	P20-040	32	93.7	24.7	98	102	OPT	"+	-1'	6"	116.1	93.1	24.7	99.4	PASS	
328	SSL D Grate Inlet Sta: 5+09	P21-344	24	98.3	20.5	98	102	OPT	"+	-2'	6"	119.1	97.0	22.8	98.7	PASS	
329	SSL D Grate Inlet Sta: 5+09	P21-344	24	98.3	20.5	98	102	OPT	"+	-1'	6"	120.7	97.1	24.3	98.8	PASS	
330	Junction Box F5 Sta: 5+88	P21-344	24	98.3	20.5	98	102	OPT	"+	-2'	6"	121.4	97.7	24.3	99.4	PASS	
331	Junction Box F5 Sta: 5+88	P21-344	24	98.3	20.5	98	102	OPT	"+	-1'	6"	120.9	98.3	23.0	100.0	PASS	

NOTES:

*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2028
Moisture:	589
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: Edward w/ City of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Edward w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5.14.21

Project: Castlewood Phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/18/21
Project No.: 20107183.016
Report No.: 65
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WL D																
332	Sta: 3+50	P21-037	32	90.0	24.3	98	102	OPT	"+	-2'	6"	112.8	88.6	27.3	98.4	PASS	
333	Sta: 3+50	P21-037	32	90.0	24.3	98	102	OPT	"+	-1'	6"	115.0	90.6	26.9	100.7	PASS	
334	Sta: 2+00	P21-037	32	90.0	24.3	98	102	OPT	"+	-2'	6"	112.3	88.3	27.2	98.1	PASS	
335	Sta: 2+00	P21-037	32	90.0	24.3	98	102	OPT	"+	-1'	6"	113.8	89.2	27.6	99.1	PASS	
	WS Block 15																
336	Lot 7-8	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.6	94.3	26.8	100.6	PASS	
337	Lot 7-8	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.9	94.5	25.8	100.9	PASS	
338	Lot 9-10	P21-037	32	90.0	24.3	98	102	OPT	"+	-2'	6"	114.9	88.3	30.1	98.1	PASS	
339	Lot 9-10	P21-037	32	90.0	24.3	98	102	OPT	"+	-1'	6"	116.3	90.0	29.2	100.0	PASS	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission@ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2012
Moisture:	590
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector onsite
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Edward w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5-19-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/19/21
Project No.: 20107183.016
Report No.: 66
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	SSL C																
340	Junction Box C6 Sta: 5+97	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.7	98.7	23.3	100.4	PASS	
341	Junction Box C7 Sta: 6+42	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.7	99.0	23.9	100.7	PASS	
342	Junction Box C8 Sta: 8+24	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	124.3	99.3	25.2	101.0	PASS	
343	SSL Main Sta: 7+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	124.4	99.1	25.5	100.8	PASS	
344	SSL Main Sta: 10+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.4	100.0	22.4	101.7	PASS	
345	Junction Box C9 Sta: 10+17	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	119.5	97.9	22.1	99.6	PASS	
346	Junction Box C10 Sta: 10+77	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.5	99.2	23.5	100.9	PASS	
347	Junction Box C11 Sta: 10+86	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	120.1	99.1	21.2	100.8	PASS	
348	Junction Box C12 Sta: 11+27	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.0	97.2	25.5	98.9	PASS	
349	SSL Gate Inlet LC5 Sta 2+34	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	123.1	98.2	25.4	99.9	PASS	
	SSL E																
350	Junction Box E1 Stra: 1+55	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.1	92.5	26.6	98.7	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2044
Moisture:	592
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Edward w/ City of Taylor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5.20.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/20/21
Project No.: 20107183.016
Report No.: 67
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
351	SSL F Junction Box F4 Sta: 4+57	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	122.8	102.8	19.5	99.0	PASS	
352	WServices Block 13 Lot 7&8	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	123.8	99.2	24.8	100.9	PASS	
353	WServices Block 13 Lot 7&8	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	124.1	99.2	25.1	100.9	PASS	
354	SSL F Junction Box F3 Sta: 2+94	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	120.6	95.2	26.7	101.6	PASS	
355	SSL F Junction Box F2 Sta: 1+48	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	121.6	95.0	28.0	101.4	PASS	
356	SSL F Junction Box F1 Sta: 1+13	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	120.8	98.1	23.1	99.8	PASS	
357	SSL C Junction Box C4 Sta: 3+66	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	120.8	99.3	21.7	101.0	PASS	
358	WL B Sta: 4+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.5	94.2	24.7	100.5	PASS	
359	WL B Sta: 4+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.4	94.3	25.6	100.6	PASS	
360	SSL C Sta: 4+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	123.1	99.2	24.1	100.9	PASS	
361	WL B Sta: 7+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	112.2	89.2	25.8	99.1	PASS	
362	WL B Sta: 7+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	116.0	91.4	26.9	101.6	PASS	
363	SSL C Junction Box C5 Sta: 5+02	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.3	98.0	23.8	99.7	PASS	
364	WServices Block 7 Lot 1	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.3	92.4	26.9	98.6	PASS	
365	WServices Block 7 Lot 1	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.8	93.4	28.3	99.7	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2053
Moisture:	581
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City o Taylor
TESTS APPROVED BY: Ed ward w/ City o f Taylo r
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 5/21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/21/21
Project No.: 20107183.016
Report No.: 68
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
366	WS Block 16 Lot 11 & 12	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.0	93.7	25.9	100.0	PASS	
367	WS Block 16 Lot 11 & 12	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	122.5	99.0	23.7	105.7	FAIL	FC/ FM
368	WS Block 7 Lot 2 & 3	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	114.6	88.3	29.8	98.1	PASS	
369	WS Block 7 Lot 2 & 3	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	119.1	91.6	30.0	101.8	PASS	
370	WL B Sta: 10+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	117.1	91.4	28.1	101.6	PASS	
371	WL B Sta: 10+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	114.9	89.2	28.8	99.1	PASS	
372	SSL E Sta: 2+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	119.7	98.2	21.9	99.9	PASS	
373	WS Block 16 Lot 13 & 14	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	116.6	89.5	30.3	99.4	PASS	
374	WS Block 16 Lot 13 & 14	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	116.7	90.7	28.7	100.8	PASS	
375	WS Block 16 Lot 15	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	117.8	90.0	30.9	100.0	PASS	
376	WS Block 16 Lot 15	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.6	90.5	27.7	100.6	PASS	
378	SSL E Junction Box E2 Sta: 3+89	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.5	94.6	26.3	101.0	PASS	
379	WL B Sat: 13+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	116.3	88.8	31.0	98.7	PASS	
380	WL B Sat: 13+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.9	88.6	30.8	98.4	PASS	
381	WS Block 14 18 & 19	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	114.0	89.6	27.2	99.6	PASS	
382	WS Block 14 18 & 19	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	116.8	88.6	31.8	98.4	PASS	
383	SSL E Sta: 5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.5	90.8	27.2	100.9	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2024
Moisture:	590
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: Site Supervisor
DENSITIES REQUIRING RETESTING: 367

Comments: FC= Fail Compaction FM= Fail Moisture

MLA Geotechnical 5/24/21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/27/21
Project No.: 20107183.016
Report No.: LG
Page No.:
Technician: JB

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
384	WWL D Manhole D2 Sta: 2+44	P21-037	32	90.0	24.3	98	102	OPT	+	-3'	6"	117.1	89.6	30.7	99.6	PASS	
385	WWL D Manhole D2 Sta: 2+44	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	116.7	90.1	29.5	100.1	PASS	
386	WWL D Manhole D2 Sta: 2+44	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	117.9	91.0	29.6	101.1	PASS	
387	WWL C Manhole C3 Sta: 7+81	P21-344	24	98.3	20.5	98	102	OPT	+	-3'	6"	119.5	96.9	23.3	98.6	PASS	
388	WWL C Manhole C3 Sta: 7+81	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	121.1	96.3	25.8	98.0	PASS	
389	WWL C Manhole C3 Sta: 7+81	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.2	96.4	25.7	98.1	PASS	
390	WWL B Sta: 3+00	P20-040	32	93.7	24.7	98	102	OPT	+	-3'	6"	118.1	92.2	28.1	98.4	PASS	
391	WWL B Sta: 3+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	116.9	92.0	27.1	98.2	PASS	
392	WWL B Sta: 3+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.6	92.8	26.7	99.0	PASS	
393	WWL B Manhole B2 Sta: 5+83	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.1	93.1	25.8	99.4	PASS	
394	WWL B Manhole B2 Sta: 5+83	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.3	92.5	25.7	98.7	PASS	
395	WWL B Sta: 7+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.1	93.5	25.2	99.8	PASS	
396	WWL B Sta: 7+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.4	94.0	27.0	100.3	PASS	
397	WWL B Manhole B3 Sta: 8+58	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.8	94.0	25.3	100.3	PASS	
398	WWL B Manhole B3 Sta: 8+58	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.1	94.7	24.7	101.1	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2009
Moisture:	58.7
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 52821

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 05/28/21
Project No.: 20107183.016
Report No.: 70
Page No.:
Technician: JB

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
399	WS Block 15 Lot 8	P21-346	25	105.3	16.1	98	102	OPT	+	-1'	6"	128.7	105.2	22.3	99.9	PASS	
400	WS Block 15 Lot 9 - 10	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.1	92.0	27.3	98.2	PASS	
401	WS Block 15 Lot 9 - 10	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.1	95.2	25.1	101.6	PASS	
402	WS Block 15 Lot 11 - 12	P21-345	18	103.8	15.6	98	102	OPT	+	-2'	6"	123.9	102.0	21.5	98.3	PASS	
403	WS Block 15 Lot 11 - 12	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	123.0	104.0	18.3	100.2	PASS	
404	WS Block 7 Lot 13	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	114.8	92.0	24.8	98.2	PASS	
405	WS Block 7 Lot 13	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	121.6	94.8	28.3	101.2	PASS	

NOTES:

*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2033
Moisture:	586
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6.1.21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

FAILED or CANCELLED TESTING REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 06/02/21
PROJECT NO.: 20107183.016
REPORT NO.: 71
PAGE NO.:
TECHNICIAN: JB

Summary of Work: Density Testing

Contractors Working This Date: DNT

Weather Conditions: Partly Cloudy
Ambient Temperature: 70's

Time Arrived at Project Site: 12:35
Time Departed Project Site: 12:45

Date and Time Testing Scheduled: 13:00 on 6/2/21

Scheduled by: Lorenzo w/ DNT

Reason for Testing Exception: Too Wet/ Site Inaccessable

Results of Inspection: Technician arrived on site as scheduled. Upon arrival, Technician noticed the site entrance was blocked with parked vehicles. After a few minutes, Technician was approached by Site Supervisor and informed that testing would be cancelled for the day due to overly wet conditions. Technician then departed the site.

6.3.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

DAILY TESTING REPORT

PROJECT: Castlewood phasesl, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 06/03/21
PROJECT NO.: 201071 83.016
REPORT NO.: 88
PAGE NO.:
TECHNICIAN: RR

Summary of Work: Subgrade Investigation / Lime Series Pick Up

Contractors Working This Date: None

Weather Conditions: Rain
Ambient Temperature: 70's

Time Arrived at Project Site: 1330
Time Departed Project Site: 1 500

Date and Time Testing Scheduled: N/A

Scheduled by: N/A

Reason for Testing Exception: None

Results of Inspection: Tech was on site for a scheduled subgrade investigation. Subgrade conditions were observed and recorded throughout the project. A letter with subgrade recommendations is to follow.

Lime series were also collected to determine the required lime percentage. Reference lab numbers M21-492 to 499.

A letter with lime percent recommendations is also to follow.

6-7-21

MLA Geotechnical

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/09/21
Project No.: 20107183.016
Report No.: 89
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
406	SSL Offsite Drainage "B"	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.5	94.1	24.9	100.4	PASS	
407	WL B Crossing Sta 3+76	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.2	95.4	24.9	101.8	PASS	
408	WL B Crossing Sta 3+76	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.0	95.2	25.0	101.6	PASS	
409	WS Block 16 Lot 11 + 12 (Retest)	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.6	93.4	24.8	99.7	PASS	
410	WS Block 14 Lot 19 + 20	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.4	91.9	27.7	98.1	PASS	
411	WS Block 14 Lot 19 + 20	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.3	95.5	24.9	101.9	PASS	
412	SSL Junction Box E3 Sta 5+33	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.3	91.8	28.9	98.0	PASS	
413	WL E Sta 9 + 00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	113.4	87.4	29.7	93.3	FAIL	FC
414	WS Block 14 Lot21 + 22	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.9	95.6	26.5	102.0	PASS	
415	WS Block 14 Lot 21 + 22	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.2	92.5	26.7	98.7	PASS	
416	WS Block 14 Lot 23	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	120.1	93.9	27.9	100.2	PASS	
417	WS Block 14 Lot 23	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.0	94.2	26.3	100.5	PASS	
418	WS Block 14 Lot 24	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	116.6	92.3	26.3	98.5	PASS	
419	WS Block 14 Lot 24	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.7	93.6	24.7	99.9	PASS	
420	WS Block 14 Lot 25 + 26	P21-038	31	98.8	22.8	98	102	OPT	+	-2'	6"	124.5	100.0	24.5	101.2	PASS	
421	WS Block 14 Lot 25 + 26	P21-038	31	98.8	22.8	98	102	OPT	+	-1'	6"	120.5	97.0	24.2	98.2	PASS	
422	SSL Junction Box E4 Sta 7+86	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.1	92.3	25.8	98.5	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2039
Moisture:	599
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: Site Supervisor
DENSITIES REQUIRING RETESTING: 413

Comments: FC= Fail Compaction

MLA Geotechnical 6/10/21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/10/21
Project No.: 20107183.016
Report No.: 90
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
423	WL E Sta 9+00 (Retest)	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	114.9	88.7	29.5	98.6	PASS	
424	WL E Sta 9+00 (Retest)	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.4	88.8	30.0	98.7	PASS	
425	SSL E Sta 8+00	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	123.8	102.4	20.9	98.7	PASS	
426	SSL CL5 Sta 2+00	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	126.3	102.9	22.7	99.1	PASS	
427	SSL A Sta 5+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.5	93.3	24.9	99.6	PASS	
428	Water Services Block 7 Lot 10	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	123.3	99.4	24.0	101.1	PASS	
429	Water Services Block 7 Lot 10	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.8	99.4	22.5	101.1	PASS	
430	SSL A Sta 2+00	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	118.7	98.4	20.6	100.1	PASS	
431	SSL A Junction Box A5 Sta 4+89	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.4	90.1	28.1	100.1	PASS	
432	SSL B Junction Box B1 Sta 1+00	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	124.0	103.0	20.4	99.2	PASS	
433	SSL H Sta 1+75	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	118.8	97.6	21.7	99.3	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2006
Moisture:	599
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6-11-21

Project: Castlewood phases 1. 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/11/21
Project No.: 20107183.016
Report No.: 21
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
434	SSL A Sta 8+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	117.3	90.6	29.5	100.7	PASS	
435	WL F Sta 3+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	115.2	90.0	28.0	100.0	PASS	
436	WL F Sta 3+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	117.5	91.8	28.0	102.0	PASS	
437	WL G Sta 7+00	P21-346	25	105.3	16.1	98	102	OPT	+	-2'	6"	125.7	106.0	18.6	100.7	PASS	
438	WL G Sta 7+00	P21-346	25	105.3	16.1	98	102	OPT	+	-1'	6"	124.9	104.7	19.3	99.4	PASS	
439	WS Block 6 Lot 7+8	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.0	91.8	28.5	98.0	PASS	
440	WS Block 6 Lot 7+8	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	115.3	92.2	25.1	98.4	PASS	
441	SSL A Junction Box A6 Sta 5+43	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.7	92.8	26.8	99.0	PASS	
442	SSL A Junction Box A4 Sta 2+90	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	122.8	101.7	20.7	98.0	PASS	
443	SSL A Junction Box A3 Sta 2+46	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	119.7	101.9	17.5	98.2	PASS	
444	SSL A Junction Box A2 Sta 1+86	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	119.1	97.7	21.9	99.4	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2027
Moisture:	591
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6-14-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

FAILED or CANCELLED TESTING REPORT

PROJECT: Castlewood phases 1, 2& 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 06/12/21
PROJECT NO.: 20107183.016
REPORT NO.: 42
PAGE NO.:
TECHNICIAN: LA

Summary of Work: Density Testing

Contractors Working This Date: DNT

Weather Conditions: Clear
Ambient Temperature: 80's

Time Arrived at Project Site: 1000
Time Departed Project Site: 1030

Date and Time Testing Scheduled: 6/12/21 @ 1000

Scheduled by: Lorenzo w/ DNT

Reason for Testing Exception: Not ready

Results of Inspection: Technician arrived on site as scheduled. Upon arrival, tech met with excavator operator and he notified tech that he was unaware of testing being scheduled. Excavator was busy other tasks and asked tech if he could return at 1400, due to other scheduled visits at that time tech unable to return, testing canceled and will wait for Monday visit. Tech departed site.

6-14-21

MLA Geotechnical

Project: Castlewood phases 1. 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/14/21
Project No.: 20107183.016
Report No.: 93
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
445	WWS Block 15 Lot 6	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.2	93.6	25.2	99.9	PASS	
446	WWS Block 15 Lot 6	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.7	93.1	27.5	99.4	PASS	
447	SSL A Junction Box A9 Sta 9+57	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.1	92.6	26.5	98.8	PASS	
448	WWS Block 15 Lot 2 + 3	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.8	92.0	28.0	98.2	PASS	
449	WWS Block 15 Lot 2 + 3	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.7	92.3	28.6	98.5	PASS	
450	SSL A Junction Box A10	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	110.5	94.1	17.4	100.4	**FAIL**	FM
451	SSL A Sta: 11+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.7	95.6	22.1	102.0	**FAIL**	FM
452	WWS Block 14 Lot 17	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	116.3	91.9	26.6	98.1	PASS	
453	WWS Block 14 Lot 17	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.9	91.8	28.4	98.0	PASS	
454	SSL A Sta: 14+00	P21-345	18	103.8	15.6	98	102	OPT	+	-1'	6"	126.4	102.1	23.8	98.4	PASS	
455	WWS Block 14 Lot 13 + 14	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	123.2	97.7	26.1	99.4	PASS	
456	WWS Block 14 Lot 13 + 14	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	120.3	96.9	24.1	98.6	PASS	
457	SSL A Junction Box A12 Sta 14 + 95	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	121.1	99.7	21.5	101.4	PASS	
458	SSL A Junction Box A13 Sta 15 + 75	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.0	97.2	25.5	98.9	PASS	
459	WL B Sta: 18 + 50	P21-344	24	98.3	20.5	98	102	OPT	+	-2'	6"	119.8	96.9	23.6	98.6	PASS	
460	WL B Sta: 18 + 50	P21-344	24	98.3	20.5	98	102	OPT	+	-1'	6"	122.6	97.1	26.3	98.8	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2029
Moisture:	599
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: Site Supervisor
DENSITIES REQUIRING RETESTING: 450, 451

Comments: FM= Fail Moisture

MLA Geotechnical 6/16/21

Project: Castlewood phases 1. 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/15/21
Project No.: 20107183.016
Report No.: 24
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
461	SSL A Sta 11+00 (Retest)	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	120.6	95.5	26.3	101.9	PASS	
462	WL B Sta 16+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	114.7	90.8	26.3	100.9	PASS	
463	WL B Sta 16+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.1	88.5	30.1	98.3	PASS	
464	SSL A Junction Box A11 Sta: 14+05	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	116.1	90.7	28.0	100.8	PASS	
465	WL I Sta 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.8	91.9	28.2	98.1	PASS	
466	WL I Sta 2+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.7	92.6	26.0	98.8	PASS	
467	SSL A Sta 16+50	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	113.7	90.5	25.6	96.6	**FAIL**	FM/FC
468	SSL A Junction Box C21	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	108.6	89.3	21.6	95.3	**FAIL**	FM/FC
469	WL I Sta 5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	114.7	89.1	28.7	99.0	PASS	
470	WL I Sta 5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	117.2	91.5	28.1	101.7	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2038
Moisture:	591
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: Site Supervisor
DENSITIES REQUIRING RETESTING: 467, 468

Comments: FM= Fail Moisture FC= Fail Compaction

MLA Geotechnical 6-16-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/16/21
Project No.: 20107183.016
Report No.: 95
Page No.:
Technician: JB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
471	WS Block 6 Lot 6 + 7	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	114.3	89.0	28.4	98.9	PASS	
472	WS Block 6 Lot 6 + 7	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	114.3	88.8	28.7	98.7	PASS	
473	WS Block 6 Lot 2 + 3	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	114.6	88.6	29.3	98.4	PASS	
474	WS Block 6 Lot 2 + 3	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	114.3	89.3	28.0	99.2	PASS	
475	SSL A Junction Box A7 Sta 7 + 76	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.9	93.5	25.0	99.8	PASS	
476	SSL A Junction Box A8 Sta: 8 + 49	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	117.3	93.5	25.5	99.8	PASS	
477	SSL A Junction Box A10 Sta: 12+ 40 (Retest)	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.4	94.9	25.8	101.3	PASS	
478	SSL A Junction Box A13 Sta: 16 + 75	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	110.9	88.2	25.7	98.0	PASS	
479	SSL A Sta: 16 + 50	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	115.5	92.3	25.1	98.5	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2006
Moisture:	588
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6-18-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/17/21
Project No.: 20107183.016
Report No.: 96
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
480	Offsite B SSL Sta 16+50	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.8	95.5	25.4	101.9	PASS	
481	Offsite B SSL Sta 16+50	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.1	95.3	25.0	101.7	PASS	
482	SSL G Sta 2+50	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.9	94.3	26.1	100.6	PASS	
483	SSL G Sta 2+50	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.3	93.0	27.2	99.3	PASS	
484	Offsite B SSL Sta 24+00	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	117.3	92.9	26.3	99.1	PASS	
485	Offsite B SSL Sta 24+00	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.0	94.0	25.5	100.3	PASS	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2019
Moisture:	593
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6-18-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/18/21
Project No.: 20107183.016
Report No.: 97
Page No.:
Technician: SC

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WASTE WATER SERVICE BLOCK - D																
486	Lots - 16-15	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	121.4	97.3	24.7	99.0	PASS	
487	Lots - 16-15	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	121.5	98.0	23.9	99.7	PASS	
488	Lots - 14-13	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	120.9	99.7	21.3	101.4	PASS	
489	Lots - 14-13	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	119.2	98.6	21.0	100.3	PASS	
490	Lots - 12-11	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	121.2	99.7	21.6	101.4	PASS	
491	Lots - 12-11	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	119.5	97.3	22.7	99.0	PASS	
492	Lots - 10-9	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	120.3	97.3	23.7	98.9	PASS	
493	Lots - 10-9	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	116.5	96.5	20.7	98.2	PASS	
494	Lots - 8-7	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	124.2	99.5	24.8	101.2	PASS	
495	Lots - 8-7	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	120.1	97.0	23.8	98.7	PASS	
496	Lots - 6-5	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	121.8	97.0	25.6	98.7	PASS	
497	Lots - 6-5	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	120.0	99.2	21.0	100.9	PASS	
498	Lots - 4-3	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	119.4	98.4	21.4	100.1	PASS	
499	Lots - 4-3	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	122.2	98.4	24.1	100.1	PASS	
500	Lot - 2-1	P21-344	24	98.3	20.5	98	102	OPT	+	-2	6"	116.2	91.1	27.6	92.7	FAIL	
501	Lot - 2-1	P21-344	24	98.3	20.5	98	102	OPT	+	-1	6"	121.9	101.0	20.7	102.7	FAIL	

NOTES:

*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: Site forman
DENSITIES REQUIRING RETESTING: Dens #'s 500, 501

Troxler Information

Standard Count Density:	1639
Moisture:	653
Troxler No.:	3430
Serial No.:	36130

Comments:

MLA Geotechnical 6-21-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 06/18/21
PROJECT NO.: 98.000
REPORT NO.:
PAGE NO.: 1 of 1
TECHNICIAN: SC

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123	1	7	6/25/21	4.03	8.01	12.75	45,090	3540	5
CSTLWD123	2	28	7/16/21						
CSTLWD123	3	28	7/16/21						
CSTLWD123	4	28	7/16/21						
CSTLWD123	5	56/Hold	08/13/21						
						28 Day Break Average:			

Tech. Information	28 day design (psi):	3600	SPEC:			Consolidation Method:	Rodding
	Location of placement:	Dention pond footing @ South East corner of jobsite					
	Type of placement:	Placed by truck, sampled from chute					
	Weather:	Sunny				Air Content (ASTM C 231); %:	
	Ambient Temp (deg. F):	93°F				Slump (ASTM C 143); Inch:	6 1/2"
	CC Temp (ASTM C 1064) (F):	89°F				Unit Weight (ASTM C 138), PCF:	
Supplier Ticket Information	Supplier:	TEXMIX				Mix Design Ref.:	COA-C
	Truck No.:	E&EOB				Ticket No.:	230202
	Total Ordered (yd^3):	50				Plant No.:	02
	Time Batched:	09:58				Time Sampled:	11:01
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	399.00	Type			Batch Water; gals.:	19.62
	Fly Ash; lbs.:	171.50	Class	C		Batch Water; lbs.:	163.24
	Aggregate (fine); lbs.:	1,334.00		3.90	% MST	Admixture; oz.:	28.00
	Aggregate (coarse); lbs:	1,654.00		0.45	% MST	Admixture; oz.:	2.20
	Aggregate (misc); lbs.:	171.50		4.57	% MST	Admixture; oz.:	11.30
	Total Mass Solids; lbs.:	3,730.00				Total Mass Liquids; lbs.:	233.14
	Total Mass of Batch; lbs.:	3,963.14					

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

6/25/21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 6/21/2021
PROJECT NO.: 20107183.016
REPORT NO.: 99
PAGE NO.: 1 of 1
TECHNICIAN: JB

Contractors Working This Date: ND Construction

Weather Conditions: Partly Cloudy
Ambient Temperature: 91° F

Time Arrived at Site: 13:00
Time Departed Site: 13:15

Date Cylinders Cast: 6/18/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: CSTLWD12 1-5

Made By: SC

General Location: On top of Box Culvert

Cylinder Condition: Satisfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

6224
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/22/21
Project No.: 20107183.016
Report No.: 100
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
502	SSL A Sta: 16+50	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.1	92.1	28.2	98.3	PASS	
503	WWS Block D Lot 1 + 2	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	112.1	88.6	26.5	98.4	PASS	
504	WWS Block D Lot 1 + 2	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	116.1	91.5	26.9	101.7	PASS	
505	WWS Block 10 Lot 14 + 15	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	119.9	95.1	26.1	101.5	PASS	
506	WWS Block 10 Lot 14 + 15	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.1	94.0	25.6	100.3	PASS	
507	WS Block 17 Lot 1 + 2	P20-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.5	93.1	27.3	99.4	PASS	
508	WS Block 17 Lot 1 + 2	P20-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	119.4	92.4	29.2	98.6	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2011
Moisture:	601
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6-23-4

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

FAILED or CANCELLED TESTING REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 06/23/21
PROJECT NO.: 20107183.016
REPORT NO.: 101
PAGE NO.:
TECHNICIAN: JB

Summary of Work: TBF Densities

Contractors Working This Date: DNT

Weather Conditions: Partly Cloudy
Ambient Temperature: 94°

Time Arrived at Project Site: 12:55
Time Departed Project Site: 14:00

Date and Time Testing Scheduled: 6/23/21 @ 13:00

Scheduled by: Lorenzo

Reason for Testing Exception: No Contact on Site

Results of Inspection: Technician arrived at Site at scheduled time. After arrival Technician contacted Site Contact for testing locations. After multiple attempts, Technician stayed in place near site entrance for 1 hour with no contact. Technician then depatred site.

6.24.21

MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/22/21
Project No.: 20107183.016
Report No.: 103
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
509	Off site SSL - A @ 10+50	P21-039	17	110.0	15.3	98	102	OPT	+	-1	6"	128.2	109.4	17.2	99.5	PASS	
510	Off site SSL - A @ 4+50	P21-343	35	95.1	24.8	98	102	OPT	+	-1	6"	119.0	94.1	26.5	98.9	PASS	
511	WWL - L @ 3+00	P21-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.4	92.8	28.7	99.0	PASS	
512	WWL - L @ 3+00	P21-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.6	94.1	27.1	100.4	PASS	
513	WWL - L @ 3+00	P21-040	32	93.7	24.7	98	102	OPT	+	-3	6"	116.1	93.0	24.8	99.3	PASS	
514	WWL - L @ 3+00	P21-040	32	93.7	24.7	98	102	OPT	+	-4	6"	118.6	93.4	27.0	99.7	PASS	
515	WWL - L @ 3+00	P21-040	32	93.7	24.7	98	102	OPT	+	-5	6"	114.7	93.9	22.2	100.2	FAIL	
516	WWMH Line A @ 23+36	P21-038	31	98.8	22.8	98	102	OPT	+	-1	6"	126.6	103.6	22.2	104.9	FAIL	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1666
Moisture:	651
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6 28 21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 06/25/21
PROJECT NO.: 2010783.016
REPORT NO.: 103
PAGE NO.: 1 of 1
TECHNICIAN: SC

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification	Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123 6	7	7/2/21	4.00	8.01	12.53	41,840	3340	2
CSTLWD123 7	28	7/23/21						
CSTLWD123 8	28	7/23/21						
CSTLWD123 9	28	7/23/21						
CSTLWD123 10	56/Hold	08/20/21						
					28 Day Break Average:			

Tech. Information	28 day design (psi):	3600	SPEC:		Consolidation Method:	Rodding
	Location of placement:	Dention pond walls @ South East corner of jobsite				
	Type of placement:	Placed by truck, sampled from pump				
	Weather:	Sunny			Air Content (ASTM C 231); %:	
	Ambient Temp (deg. F):	90°F			Slump (ASTM C 143); Inch:	6 1/2"
	CC Temp (ASTM C 1064) (F):	89°F			Unit Weight (ASTM C 138), PCF:	
Supplier Ticket Information	Supplier:	TEXMIX			Mix Design Ref.:	COA-C
	Truck No.:	2025			Ticket No.:	25832
	Total Ordered (yd^3):	40			Plant No.:	24
	Time Batched:	11:39			Time Sampled:	12:22
	Concrete as Batched Per Cubic Yard					
	Cement; lbs.:	400.00	Type		Batch Water; gals. :	20.25
	Fly Ash; lbs.:	160.50	Class	C	Batch Water; lbs.:	168.50
	Aggregate (fine); lbs.:	1,339.00	3.90	% MST	Admixture; oz.:	28.26
	Aggregate (coarse); lbs:	1,652.00	0.45	% MST	Admixture; oz.:	2.26
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	11.28
	Total Mass Solids; lbs.:	3,551.50			Total Mass Liquids; lbs.:	230.76
	Total Mass of Batch; lbs.:	3,782.26				

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

7.2.21
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 06/28/21
Project No.: 20107183.016
Report No.: 104
Page No.:
Technician: SP

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	ELECTRIC CROSSINGS																
517	Block 7 lots 1/2	P21-345	18	103.8	15.6	98	102	Opt	+	-1	6"	119.2	102.3	16.5	98.6	Pass	
518	Block 17 Lots 16	P21-343	35	95.1	24.8	98	102	Opt	+	-1	6"	117.6	93.6	25.6	98.4	Pass	
519	Block 19 Lots 16	P21-343	35	95.1	24.8	98	102	Opt	+	-1	6"	122.5	95.9	27.7	100.8	Pass	
520	Block 7 lot 6/7	P21-345	18	103.8	15.6	98	102	Opt	+	-1	6"	126.3	105.6	19.6	101.7	Pass	
521	Block 27 Lot 8	P21-345	18	103.8	15.6	98	102	Opt	+	-1	6"	124.7	103.2	20.8	99.4	Pass	
522	Block 5 Lot 9/10	P21-345	18	103.8	15.6	98	102	Opt	+	-1	6"	124.3	103.2	20.4	99.4	Pass	
523	Block 5 Lot 6/7	P21-345	18	103.8	15.6	98	102	Opt	+	-1	6"	122.0	101.7	20.0	98.0	Pass	
524	Block 14 Lot 15	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	122.3	99.3	23.2	101.0	Pass	
525	Block 19 Lot 24	P21-345	18	103.8	15.6	98	102	Opt	+	-1	6"	125.6	101.8	23.4	98.1	Pass	
526	Block 19 Lot 1	P21-345	18	103.8	15.6	98	102	Opt	+	-1	6"	125.2	105.8	18.3	101.9	Pass	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2260
Moisture:	727
Troxler No.:	3430
Serial No.:	36387

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 6-29-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 6/28/2021
PROJECT NO.: 20107183.016
REPORT NO.: 105
PAGE NO.: 1 of 1
TECHNICIAN: SP

Contractors Working This Date: ND Construction

Weather Conditions: Cloudy
Ambient Temperature: 78°

Time Arrived at Site: 1300
Time Departed Site: 1500

Date Cylinders Cast: 6/25/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: CSTWD12 6-10

Made By: SC

General Location: 20' from pond walls

Cylinder Condition: Satasfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

6-29-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 7/1/2021
PROJECT NO.: 20107183.016
REPORT NO.: 108
PAGE NO.: 1 of 1
TECHNICIAN: JS

Contractors Working This Date: ND Construction

Weather Conditions: Cloudy
Ambient Temperature: 78°

Time Arrived at Site: 1030
Time Departed Site: 1230

Date Cylinders Cast: 6/30/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: CSTWD12 11-15

Made By: JK

General Location: Detention Pond Wall decking SE Jobsite

Cylinder Condition: Satasfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

7-2-21

MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 7/2/2021
PROJECT NO.: 20107183.016
REPORT NO.: 109
PAGE NO.: 1 of 1
TECHNICIAN: JK

Contractors Working This Date: ND Construction

Weather Conditions: Partly Cloudy
Ambient Temperature: 80's

Time Arrived at Site: 1030
Time Departed Site: 1100

Date Cylinders Cast: 7/1/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: CSTWD12 16-20

Made By: JS

General Location: Detention Pond Footing SE Jobsite

Cylinder Condition: Satisfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

7-6-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 06/18/21
PROJECT NO.: 20107183.016
REPORT NO.: 98
PAGE NO.: 1 of 1
TECHNICIAN: SC

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12	1	7	6/25/21	4.03	8.01	12.75	45,090	3540	5
CSTLWD12	2	28	7/16/21	4.02	8.02	12.65	63,370	5010	5
CSTLWD12	3	28	7/16/21	4.02	8.02	12.65	66,930	5290	5
CSTLWD12	4	28	7/16/21	4.02	7.98	12.65	65,210	5150	2
CSTLWD12	5	56/Hold	08/13/21						
						28 Day Break Average:		**5150**	

Tech. Information	28 day design (psi):	3600	SPEC:			Consolidation Method:	Rodding
	Location of placement:	Dention pond footing @ South East corner of jobsite					
	Type of placement:	Placed by truck, sampled from chute					
	Weather:	Sunny				Air Content (ASTM C 231); %:	
	Ambient Temp (deg. F):	93°F				Slump (ASTM C 143); Inch:	6 1/2"
	CC Temp (ASTM C 1064) (F):	89°F				Unit Weight (ASTM C 138), PCF:	
Supplier Ticket Information	Supplier:	TEXMIX				Mix Design Ref.:	COA-C
	Truck No.:	E&EOB				Ticket No.:	230202
	Total Ordered (yd^3):	50				Plant No.:	02
	Time Batched:	09:58				Time Sampled:	11:01
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	399.00	Type			Batch Water; gals. :	19.62
	Fly Ash; lbs.:	171.50	Class	C		Batch Water; lbs.:	163.24
	Aggregate (fine); lbs.:	1,334.00		3.90	% MST	Admixture; oz.:	28.00
	Aggregate (coarse); lbs:	1,654.00		0.45	% MST	Admixture; oz.:	2.20
	Aggregate (misc); lbs.:	171.50		4.57	% MST	Admixture; oz.:	11.30
	Total Mass Solids; lbs.:	3,730.00				Total Mass Liquids; lbs.:	233.14
	Total Mass of Batch; lbs.:	3,963.14					

Capping Info	Unbonded Standard:	ASTM C 1231M- 15	Sulfur Cap Standard:	ASTM C 617M- 15
	Cap Supplier:	Humboldt Ma nufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

7.16.21
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/16/21
Project No.: 20107183.016
Report No.: 40
Page No.:
Technician: AS

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WWMH A																
527	STA:4+23	P21-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.0	92.1	28.1	98.3	Pass	
528	STA:4+23	P21-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.9	94.2	27.3	100.5	Pass	
529	STA:8+97	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	114.9	90.6	26.8	100.7	Pass	
530	STA:8+97	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	115.1	89.6	28.5	99.6	Pass	
531	STA:13+70	P21-040	32	93.7	24.7	98	102	OPT	+	-2	6"	119.6	95.2	25.6	101.6	Pass	
532	STA:13+70	P21-040	32	93.7	24.7	98	102	OPT	+	-1	6"	119.1	95.5	24.7	101.9	Pass	
	WWLA																
533	STA:2+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	111.0	89.0	24.7	98.9	Pass	
534	STA:2+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	114.6	90.3	26.9	100.3	Pass	
535	STA:5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	117.5	90.7	29.5	100.8	Pass	
536	STA:5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	116.6	90.5	28.8	100.6	Pass	
537	STA:8+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	112.7	83.3	35.3	92.6	FAIL	
538	STA11+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	116.0	88.5	31.1	98.3	Pass	
539	STA11+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	117.3	89.5	31.1	99.4	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2379
Moisture:	695
Troxler No.:	3430
Serial No.:	78738

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: Site Supervisor
DENSITIES REQUIRING RETESTING: Dens #537

Comments:

MLA Geotechnical 7.19.21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 06/25/21
PROJECT NO.: 20107183.016
REPORT NO.: 103
PAGE NO.: 1 of 1
TECHNICIAN: SC

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification	Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12	6	7	7/2/21	4.00	8.01	12.53	41,840	3340	2
CSTLWD12	7	28	7/23/21	4.00	8.05	12.53	65,140	5200	2
CSTLWD12	8	28	7/23/21	4.00	8.00	12.53	64,830	5170	2
CSTLWD12	9	28	7/23/21	3.99	8.00	12.50	65,270	5220	2
CSTLWD12	10	56/Hold	08/20/21						
						28 Day Break Average:		**5200**	

Tech. Information	28 day design (psi):	3600	SPEC:		Consolidation Method:	Rodding
	Location of placement:	Dention pond walls @ South East corner of jobsite				
	Type of placement:	Placed by truck, sampled from pump				
	Weather:	Sunny			Air Content (ASTM C 231); %:	
	Ambient Temp (deg. F):	90°F			Slump (ASTM C 143); Inch:	6 1/2"
	CC Temp (ASTM C 1064) (F):	89°F			Unit Weight (ASTM C 138), PCF:	
Supplier Ticket Information	Supplier:	TEXMIX			Mix Design Ref.:	COA-C
	Truck No.:	2025			Ticket No.:	25832
	Total Ordered (yd^3):	40			Plant No.:	24
	Time Batched:	11:39			Time Sampled:	12:22
	Concrete as Batched Per Cubic Yard					
	Cement; lbs.:	400.00	Type		Batch Water; gals. :	20.25
	Fly Ash; lbs.:	160.50	Class	C	Batch Water; lbs.:	168.50
	Aggregate (fine); lbs.:	1,339.00	3.90	% MST	Admixture; oz.:	28.26
	Aggregate (coarse); lbs:	1,652.00	0.45	% MST	Admixture; oz.:	2.26
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	11.28
	Total Mass Solids; lbs.:	3,551.50			Total Mass Liquids; lbs.:	230.76
	Total Mass of Batch; lbs.:	3,782.26				

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

7.23.21
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/19/21
Project No.: 20107183.016
Report No.: 111
Page No.:
Technician: JK

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
540	WWL-A @ Sta: 18+75	P21-346	25	105.3	16.1	98	102	Opt	+	-3	6"	129.4	106.1	22.0	100.8	**PASS**	
541	WWL-A @ Sta: 18+75	P21-346	25	105.3	16.1	98	102	Opt	+	-2	6"	131.1	106.5	23.1	101.1	**PASS**	
542	WWL-A @ Sta: 18+75	P21-346	25	105.3	16.1	98	102	Opt	+	-1	6"	130.8	107.1	22.1	101.7	**PASS**	
543	WWL-A @ Sta: 19+50	P21-346	25	105.3	16.1	98	102	Opt	+	-3	6"	128.4	106.2	20.9	100.9	**PASS**	
544	WWL-A @ Sta: 19+50	P21-346	25	105.3	16.1	98	102	Opt	+	-2	6"	128.1	103.5	23.8	98.3	**PASS**	
545	WWL-A @ Sta: 19+50	P21-346	25	105.3	16.1	98	102	Opt	+	-1	6"	127.9	104.3	22.6	99.1	**PASS**	
546	WWL-A @ Sta: 17+00	P21-346	25	105.3	16.1	98	102	Opt	+	-3	6"	129.2	103.9	24.4	98.7	**PASS**	
547	WWL-A @ Sta: 17+00	P21-346	25	105.3	16.1	98	102	Opt	+	-2	6"	129.1	104.0	24.1	98.8	**PASS**	
548	WWL-A @ Sta: 17+00	P21-346	25	105.3	16.1	98	102	Opt	+	-1	6"	127.9	103.6	23.5	98.4	**PASS**	
549	WWL-A @ Sta: 14+00	P21-346	25	105.3	16.1	98	102	Opt	+	-3	6"	128.0	104.9	22.0	99.6	**PASS**	
550	WWL-A @ Sta: 14+00	P21-346	25	105.3	16.1	98	102	Opt	+	-2	6"	122.6	103.2	18.8	98.0	**PASS**	
551	WWL-A @ Sta: 14+00	P21-346	25	105.3	16.1	98	102	Opt	+	-1	6"	125.9	104.4	20.6	99.1	**PASS**	
552	WWL-A @ Sta: 8+00 **RETEST DENS #537**	P21-343	35	95.1	24.8	95	100	Opt	+	-2	6"	118.9	90.6	31.2	95.3	**PASS**	
553	WWL-A @ Sta: 8+00	P21-343	35	95.1	24.8	95	100	Opt	+	-1	6"	118.8	91.1	30.4	95.8	**PASS**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1809
Moisture:	663
Troxler No.:	3430
Serial No.:	36009

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 7.20 4

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/20/21
Project No.: 20107183.016
Report No.: 112
Page No.:
Technician: AS

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WWMH- A																
554	STA:18+44	P21-040	32	93.7	24.7	98	102	OPT	+	-3	6"	118.3	91.9	28.7	98.1	Pass	
555	STA:18+44	P21-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.7	92.2	28.7	98.4	Pass	
556	STA:18+44	P21-037	32	93.7	24.7	98	102	OPT	+	-1	6"	118.5	94.6	25.3	101.0	Pass	
557	STA:23+36	P21-037	32	93.7	24.7	98	102	OPT	+	-3	6"	120.5	95.6	26.0	102.0	Pass	
558	STA:23+36	P21-040	32	93.7	24.7	98	102	OPT	+	-2	6"	118.2	93.8	26.0	100.1	Pass	
559	STA:23+36	P21-040	32	93.7	24.7	98	102	OPT	+	-1	6"	114.8	91.8	25.1	98.0	Pass	
560	STA:24+83	P21-037	32	90.0	24.3	98	102	OPT	+	-3	6"	114.6	90.1	27.2	100.1	Pass	
561	STA:24+83	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	118.8	91.5	29.8	101.7	Pass	
562	STA:24+83	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	118.1	91.1	29.6	101.2	Pass	
563	WWL-A STA:22+00	P21-040	32	93.7	24.7	98	102	OPT	+	-3	6"	118.5	94.4	25.5	100.7	Pass	
564	WWL-A STA:22+00	P21-040	32	93.7	24.7	98	102	OPT	+	-2	6"	117.5	93.7	25.4	100.0	Pass	
565	WWL-A STA:22+00	P21-037	32	93.7	24.7	98	102	OPT	+	-1	6"	118.1	94.4	25.1	100.7	Pass	
566	WWL-L STA:2+00	P21-037	32	93.7	24.7	98	102	OPT	+	-1	6"	118.9	92.9	28.0	99.1	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2373
Moisture:	697
Troxler No.:	3430
Serial No.:	78738

INSPECTOR ON SITE: No Inspector on site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supervisor
FAILURES REPORTED TO: Site Supervisor
DENSITIES REQUIRING RETESTING: WWL-L STA:2+00

Comments:

MLA Geotechnical 7.21.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/21/21
Project No.: 20107183.016
Report No.: 113
Page No.:
Technician: LB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
567	WW-L MH Sta: 20+52	P21-038	31	98.8	22.8	98	102	OPT	+	-3	6"	124.7	99.3	25.6	100.5	PASS	
568	WW-L MH Sta: 20+52	P21-038	31	98.8	22.8	98	102	OPT	+	-2	6"	124.9	98.8	26.4	100.0	PASS	
569	WW-L MH Sta: 20+52	P21-038	31	98.8	22.8	98	102	OPT	+	-1	6"	123.8	98.0	26.3	99.2	PASS	
570	WWL-A Sta: 22+00	P21-037	32	90.0	24.3	98	102	OPT	+	-3	6"	116.5	91.6	27.2	101.8	PASS	
571	WWL-A Sta: 22+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	112.5	88.2	27.6	98.0	PASS	
572	WWL-A Sta: 22+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	116.2	89.6	29.7	99.6	PASS	
573	WWL-A Sta: 5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-3	6"	116.1	88.4	31.3	98.2	PASS	
574	WWL-A Sta: 5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	116.2	90.7	28.1	100.8	PASS	
575	WWL-A Sta: 5+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	118.8	89.5	32.7	99.4	PASS	
576	W W-L MH Sta:6+15.34	P21-037	32	90.0	24.3	98	102	OPT	+	-3	6"	113.2	88.4	28.1	98.2	PASS	
577	WW-L MH Sta: 6+15.34	P21-037	32	90.0	24.3	98	102	OPT	+	-2	6"	115.3	90.0	28.1	100.0	PASS	
578	WW-L MH Sta: 6+15.34	P21-037	32	90.0	24.3	98	102	OPT	+	-1	6"	114.1	91.8	24.3	102.0	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1562
Moisture:	563
Troxler No.:	3430
Serial No.:	21720

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 7.22.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/22/21
Project No.: 20107183.016
Report No.: 114
Page No.:
Technician: BS

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	WASTE WATER LINE-L																
579	MH @ STA: 357+00	P21-037	32	90.0	24.3	98	102	OPT	+	-3'	6"	115.8	91.0	27.3	101.1	**PASS**	
580	MH @ STA: 357+00	P21-037	32	90.0	24.3	98	102	OPT	+	-2'	6"	115.2	89.0	29.4	98.9	**PASS**	
581	MH @ STA: 357+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	114.6	89.6	27.9	99.6	**PASS**	
582	MH @ STA: 188+00	P21-040	32	93.7	24.7	98	102	OPT	+	-2'	6"	118.6	94.4	25.6	100.7	**PASS**	
583	MH @ STA: 188+00	P21-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	118.4	92.4	28.1	98.6	**PASS**	
	OFFSITE- A L1																
584	STA: 3+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	115.2	88.9	29.6	98.8	**PASS**	
585	MH @ STA: 3+96	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	118.6	91.6	29.5	101.8	**PASS**	
586	Junction Box @ STA: 4+96	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	118.1	91.3	29.4	101.4	**PASS**	
587	STA: 6+00	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	116.3	90.0	29.2	100.0	**PASS**	
588	Junction Box @ STA: 6+96	P21-037	32	90.0	24.3	98	102	OPT	+	-1'	6"	111.7	88.2	26.6	98.0	**PASS**	
589	STA: 8+00	P21-038	31	98.8	22.8	98	102	OPT	+	-1'	6"	126.0	98.1	28.4	99.3	**PASS**	
590	Junction Box @ STA: 9+03	P21-038	31	98.8	22.8	98	102	OPT	+	-1'	6"	122.0	98.4	24.0	99.6	**PASS**	
591	Junction Box @ STA: 10+16	P21-040	32	93.7	24.7	98	102	OPT	+	-1'	6"	116.2	91.9	26.4	98.1	**PASS**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear. ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: None

Troxler Information

Standard Count Density:	1826
Moisture:	622
Troxler No.:	3430
Serial No.:	32019

Comments:

MLA Geotechnical 7.23.21

MLA "put us to the test"
Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 06/30/21
PROJECT NO.: 20107183.016
REPORT NO.: 106
PAGE NO.: 1 of 1
TECHNICIAN: JK

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12	11	7	7/7/21	4.01	7.98	12.62	39,680	3140	5
CSTLWD12	12	28	7/28/21	4.01	8.05	12.62	59,130	4680	5
CSTLWD12	13	28	7/28/21	4.02	7.99	12.65	59,370	4690	2
CSTLWD12	14	28	7/28/21	4.01	8.04	12.59	54,600	4340	2
CSTLWD12	15	56/Hold	08/25/21						
						28 Day Break Average:		**4570**	

Tech. Information	28 day design (psi):	3600	SPEC:		Consolidation Method:	Rodding	
	Location of placement:	Dention pond wall decking @ South East corner of jobsite					
	Type of placement:	Placed by truck; sampled from chute					
	Weather:	Partly Cloudy			Air Content (ASTM C 231); %:	N/A	
	Ambient Temp (deg. F):	88°F			Slump (ASTM C 143); Inch:	6 1/4"	
	CC Temp (ASTM C 1064) (F):	93°F			Unit Weight (ASTM C 138), PCF:	N/A	
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:	COA-C	
	Truck No.:	677			Ticket No.:	E2427580	
	Total Ordered (yd^3):	10			Plant No.:	24	
	Time Batched:	1229			Time Sampled:	1409	
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	399.00	Type		Batch Water; gals. :	17.99	
	Fly Ash; lbs.:	165.50	Class	C	Batch Water; lbs.:	149.68	
	Aggregate (fine); lbs.:	1,353.00	5.50	% MST	Admixture; oz.:	28.40	
	Aggregate (coarse); lbs:	1,655.00	1.40	% MST	Admixture; oz.:	11.30	
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	2.20	
	Total Mass Solids; lbs.:	3,572.50			Total Mass Liquids; lbs.:	249.88	
	Total Mass of Batch; lbs.:	3,822.38					

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

7-28-21
Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 07/01/21
PROJECT NO.: 20107183.016
REPORT NO.: 107
PAGE NO.: 1 of 1
TECHNICIAN: JS

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification	Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123 16	7	7/8/21	4.02	8.06	12.65	42,430	3350	5
CSTLWD123 17	28	7/29/21	4.01	8.00	12.62	55,220	4370	2
CSTLWD123 18	28	7/29/21	4.02	8.03	12.65	60,220	4760	5
CSTLWD123 19	28	7/29/21	4.01	7.99	12.62	56,390	4470	5
CSTLWD123 20	56/Hold	08/26/21						
					28 Day Break Average:		**4530**	

Tech. Information	28 day design (psi):	3600	SPEC:		Consolidation Method:	Rodding
	Location of placement:	North-East Box Culvert Slab				
	Type of placement:	Placed by chute; sampled from chute				
	Weather:	Sunny			Air Content (ASTM C 231); %:	N/A
	Ambient Temp (deg. F):	85			Slump (ASTM C 143); Inch:	5 1/4"
	CC Temp (ASTM C 1064) (F):	81			Unit Weight (ASTM C 138), PCF:	N/A
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:	COA-C
	Truck No.:	828			Ticket No.:	230668
	Total Ordered (yd^3):	10			Plant No.:	02
	Time Batched:	09:39			Time Sampled:	11:10
	Concrete as Batched Per Cubic Yard					
	Cement; lbs.:	397.00	Type		Batch Water; gals. :	16.69
	Fly Ash; lbs.:	165.50	Class	C	Batch Water; lbs.:	138.86
	Aggregate (fine); lbs.:	1,351.00	5.50	% MST	Admixture; oz.:	2.20
	Aggregate (coarse); lbs:	1,661.00	1.40	% MST	Admixture; oz.:	28.40
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	11.30
	Total Mass Solids; lbs.:	3,574.50			Total Mass Liquids; lbs.:	239.04
	Total Mass of Batch; lbs.:	3,813.54				

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

7.29.21
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/28/21
Project No.: 20107183.016
Report No.: 115
Page No.:
Technician: LB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Streamwood																
592	Sta:3+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	130.3	110.7	17.7	100.6	PASS	
593	Sta: 5+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	123.9	108.9	13.8	99.0	FAIL	
594	Sta: 8+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	125.2	108.5	15.4	98.6	PASS	
595	Sta: 11+50	P21-040	32	93.7	24.7	98	102	OPT	+	SUB	6"	117.4	99.5	18.0	106.2	FAIL	
	Elm Branch																
596	Sta: 8+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	126.9	108.5	17.0	98.6	PASS	
597	Sta: 11+00	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	125.3	108.0	16.0	98.2	PASS	
598	Sta: 14+00	P21-038	31	98.8	22.8	98	102	OPT	+	SUB	6"	120.1	97.8	22.8	99.0	PASS	
	Red branch road																
599	Sta:1+00	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	124.9	108.0	15.6	98.2	PASS	
	Pebble Strean pass																
600	Sta: 21+00	P21-038	31	98.8	22.8	98	102	OPT	+	SUB	6"	122.8	99.5	23.4	100.7	PASS	
601	Sta: 18+00	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	128.2	108.5	18.2	98.6	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1531
Moisture:	564
Troxler No.:	3430
Serial No.:	21720

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: Supervisor on site
DENSITIES REQUIRING RETESTING: Dens# 593, 595

Comments:

MLA Geotechnical 7-29-21

Project: Castlewood Phases 1 & 2

Location: Tay lor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/29/21
Project No.: 20107183.016
Report No.: 116
Page No.:
Technician: JS

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Streamwood																
602	Sta: 5+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	125.8	108.8	15.6	98.9	PASS	
603	Sta 11+00	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	127.6	107.1	19.1	97.4	PASS	
	Cherry Blossom Ln																
604	Sta 16+00	P21-344	24	98.3	20.5	98	102	OPT	+	SUB	6"	119.3	97.4	22.5	99.1	PASS	
605	Sta 13+00	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	127.7	110.6	15.5	100.5	PASS	
606	Sta 10+00	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	127.3	109.7	16.0	99.7	PASS	
607	Sta 7+00	P21-343	35	95.1	24.8	98	102	OPT	+	SUB	6"	121.7	95.8	27.0	100.7	PASS	
	Gateway House																
608	Sta 8+50	P21-346	25	105.3	16.1	98	102	OPT	+	SUB	6"	126.1	105.1	20.0	99.8	PASS	
609	Sta 5+50	P21-346	25	105.3	16.1	98	102	OPT	+	SUB	6"	123.5	106.3	16.2	100.9	PASS	
610	Sta 2+50	P21-346	25	105.3	16.1	98	102	OPT	+	SUB	6"	124.0	106.7	16.2	101.3	PASS	
	Backwood Dr.																
611	Sta 2+00	P21-346	25	105.3	16.1	98	102	OPT	+	SUB	6"	124.2	106.1	17.1	100.8	PASS	
	Castle Bridge Ln																
612	Sta 5+50	P21-346	25	105.3	16.1	98	102	OPT	+	SUB	6"	125.1	105.3	18.8	100.0	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2158
Moisture:	610
Troxler No.:	3430+
Serial No.:	77062

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 8-1-21

Project: Castlewood phases 1. 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 07/29/21
Project No.: 20107183.016
Report No.: 116
Page No.:
Technician: JS

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
613	Sta 8+00	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	129.0	109.5	17.8	99.5	PASS	
614	Sta 2+00	P21-346	25	105.3	16.1	98	102	OPT	+	SUB	6"	124.2	105.9	17.3	100.6	PASS	
	Pebblestream Pass																
615	Sta 16+00	P21-344	24	98.3	20.5	98	102	OPT	+	SUB	6"	120.0	98.3	22.1	100.0	PASS	
616	Sta 22+00	P21-344	24	98.3	20.5	98	102	OPT	+	SUB	6"	121.1	97.6	24.1	99.3	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2158
Moisture:	610
Troxler No.:	3430+
Serial No.:	77062

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Comments:

MLA Geotechnical 8-1-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 07/29/21
PROJECT NO.: 20107183.016
REPORT NO.: 117
PAGE NO.: 1 of 1
TECHNICIAN: JS

FIELD NOTES:

Contractor Working This Date: Efron w/ DNT
Weather Conditions: Sunny — Ambient Temp.: 80's
Time Arrived: 0700 — Time Departed: 0930
Results Reported To: Efron w/ DNT

Area Proof Rolled: Red Ranch Rd / Elm Branch Trail / Streamwood Trail / Pebblestream Pass / Branch Wood Path
Gatehouse Way / Cherry Blossom Ln. / Backwoods pass / Castle Ridge way
Lift Number: SUB — Lift Thickness: 6"
Description of Fill: Dark Brown / Brown CL — PI: Med
Material Sampled: [ ] Yes [X] No — Lab # if Sampled:

Approved Rolling Vehicle Used: Total Gross Weight 32,000Lbs +/- Lbs.

[ ] Tandem Axle Dump Truck- Loaded With
[ ] 20-ton Pneumatic Roller
[X] 2,000 gal H20 Truck

[ ] Contractor preparing material for placement - not yet ready for testing.
[X] Proof roll passed - very tight - no deflections.
[ ] Fill placement Complete as of
[ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

8-1-21
MLA Geotechnical

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention.
The results are also subject to modification upon review by supervisory personnel.

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/04/21
Project No.: 20107183.016
Report No.: 118
Page No.:
Technician: LB

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Branch wood Path																
617	Sta: 6+50	P21-038	31	98.8	22.8	98	102	OPT	+	SUB	6"	122.1	98.7	23.7	99.9	PASS	
618	Sta: 9+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	129.2	110.8	16.6	100.7	PASS	
619	Sta: 11+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	129.3	109.1	18.5	99.2	PASS	
620	Sta: 14+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	127.8	109.4	16.8	99.5	PASS	
	Cherry Blossom																
621	Sta: 11+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	130.9	111.1	17.8	101.0	PASS	RETEST
622	Sta: 14+50	P21-039	17	110.0	15.3	98	102	OPT	+	SUB	6"	129.9	108.7	19.5	98.8	PASS	RETEST

NOTES:

*Standard:

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

INSPECTOR ON SITE: No Inspector On Si te
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: n/a
DENSITIES REQUIRING RETESTING: n/a

Troxler Information

Standard Count Density:	1560
Moisture:	561
Troxler No.:	3430
Serial No.:	21720

Comments:

MLA Geotechnical 8-5-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 8/13/2021
PROJECT NO.: 20107183.016
REPORT NO.: 12C
PAGE NO.: 1 of 1
TECHNICIAN: BS

Contractors Working This Date: DNT

Weather Conditions: Mostly Cloudy
Ambient Temperature: 90's

Time Arrived at Site: 1255
Time Departed Site: 1305

Date Cylinders Cast: 8/12/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: CSTLWD12 21-25

Made By: SP

General Location: At Pond Base

Cylinder Condition: Satisfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

8/14/21

MLA Geotechnical

Project: Castlewood phases 1. 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/16/21
Project No.: 20107183.016
Report No.: 121
Page No.:
Technician: JB

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Castleridge Way																
627	Sta 7+00	Sp-327		130.7	8.5	100	105	-	-	1CB	6"	142.1	130.8	8.6	100.1	PASS	
628	Sta 5+00	Sp-327		130.7	8.5	100	105	-	-	1CB	6"	143.7	131.6	9.2	100.7	PASS	
629	Sta 2+50	Sp-327		130.7	8.5	100	105	-	-	1CB	6"	143.1	132.0	8.4	101.0	PASS	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2020
Moisture:	593
Troxler No.:	3430
Serial No.:	31487

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Site Supe isor
FAILURES REPORTED TO: None
DENSITIES REQUIRING RETESTING: N/A

Comments:

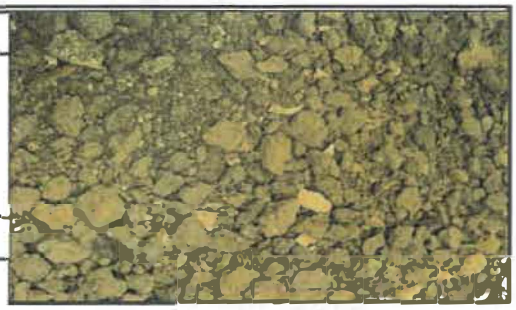
MLA Geotechnical 8-17-21

MLA Geotechnical
"put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Kissing Tree Phase 4C
Date: 8/19/2021
Project No.: 20109132.007
Location: San Marcos, Texas
Lab No.: P21-1230
Report No.: 141 + 142
Client: Carma Paso Robles, LLC
Tech.: GS

Description of Material: Light Brown to Brown Clay with Hard Aggregate
Sampled By: G. Sanches
Source: Block I Lots 53
Rammer: 5.5 lb mechanical
Air Dry (Y/N): No
Proposed use: Moisture Conditioned Lots

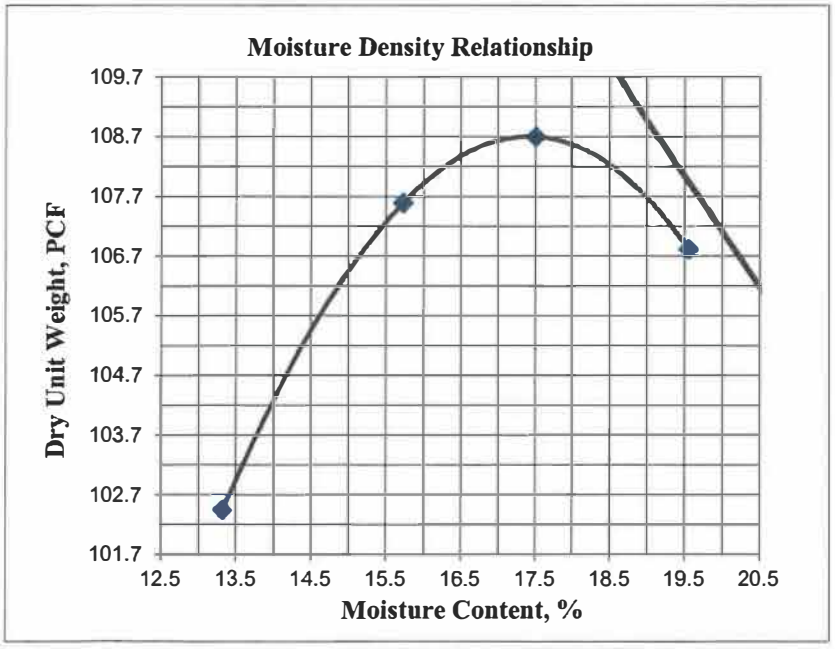


Atterberg Test Procedure: ASTM D 4318

Liquid Limit:	44	
Plastic Limit:	17	
Plasticity Index:	27	

Sieve Test Procedure: ASTM C 136
Specification Reference: N/A

Sieve:	% Retained
3/4"	1.3



MDR Test method: ASTM D 698C

Maximum Dry Density 108.7 PCF

Optimum Moisture 17.5 %

ZAV G_S = 2.61

Reviewed By: MLA Labs, Inc. 8-19-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Kissing Tree Phase 4C
Date: 8/19/2021
Project No.: 20109132.007
Location: San Marcos, Texas
Lab No.: P21-1232
Report No.: 145 & 146
Client: Carma Paso Robles, LLC
Tech.: GS

Description of Material: Pale Tan Brown Mix Clay
Sampled By: G. Sanches
Source: Block I Lot 55
Rammer: 5.5 lb mechanical
Air Dry (Y/N): No
Proposed use: Moisture Conditioned Lots

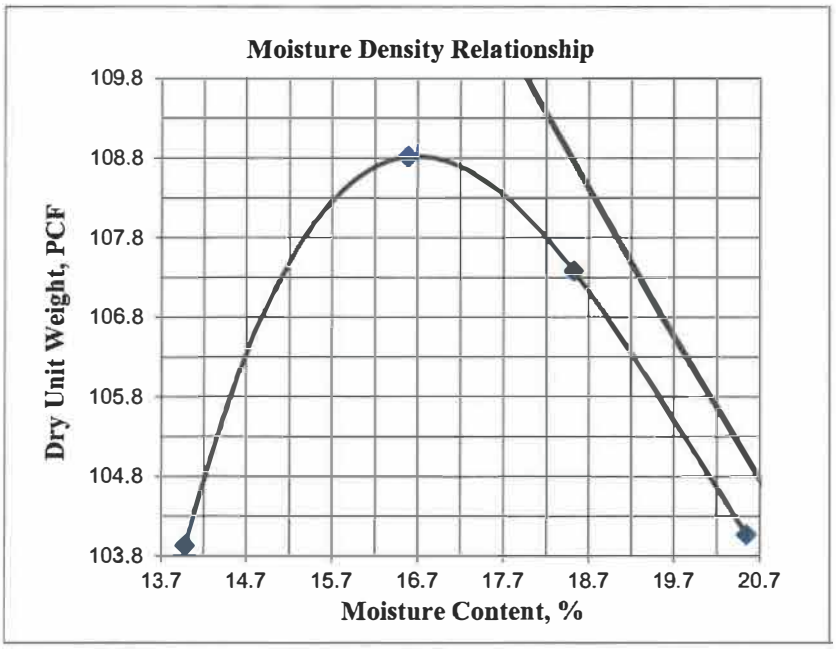


Atterberg Test Procedure: ASTM D 4318

Liquid Limit:	42	
Plastic Limit:	18	
Plasticity Index:	24	

Sieve Test Procedure: ASTM C 136
Specification Reference: N/A

Sieve:	% Retained
3/4"	18.3



MDR Test method: ASTM D 698C

Maximum Dry Density 108.8 PCF

Optimum Moisture 16.7 %

ZAV G_S = 2.57

Reviewed By:
MLA Labs, Inc. 8-19-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/17/21
Project No.: 20107183.016
Report No.: 122
Page No.:
Technician: JK

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Gatehouse Way																
630	Sta: 9+50	TCS-327		130.7	8.5	100	105	-	-	1CB	6"	141.6	127.8	10.8	97.8	**FAIL**	DENS

NOTES:

*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1691
Moisture:	669
Troxler No.:	3430
Serial No.:	36009

INSPECTOR ON SITE: City of Taylor Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: City of Taylor Inspector On Site
FAILURES REPORTED TO: Efren with DNT
DENSITIES REQUIRING RETESTING: DENS #630

Comments:

MLA Geotechnical 8-28-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/18/21
Project No.: 20107183.016
Report No.: 123
Page No.:
Technician: KP

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Gatehouse Way																
631	Sta: 9+50	TCS-327		130.7	8.5	100	105	-	-	1CB	6"	140.4	130.9	7.3	100.2	PASS	DENS
632	Sta: 5+50	TCS-327		130.7	8.5	100	105	-	-	1CB	6"	140.4	132.1	6.3	101.1	PASS	
633	Sta: 2+00	TCS-327		130.7	8.5	100	105	-	-	1CB	6"	134.6	125.6	7.2	96.1	FAIL	
	Backwood Pass																
634	Sta: 2+50	TCS-327		130.7	8.5	100	105	-	-	1CB	6"	140.9	131.0	7.6	100.2	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1921
Moisture:	613
Troxler No.:	3430
Serial No.:	32275

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector on Site
FAILURES REPORTED TO: Efren with DNT
DENSITIES REQUIRING RETESTING: DENS #633

Comments:

MLA Geotechnical 8-19-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/19/21
Project No.: 20107183.016
Report No.: 124
Page No.:
Technician: KN

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Gatehouse Way																
635	Sta: 2+00 (retest of 633)	TCS-327		130.7	8.5	100	105	-	-	1CB	6"	146.7	133.6	9.8	102.2	PASS	DENS

NOTES:

*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1847
Moisture:	547
Troxler No.:	3430
Serial No.:	21721

INSPECTOR ON SITE: No Inspector on Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector on Site
FAILURES REPORTED TO: Efren with DNT
DENSITIES REQUIRING RETESTING:

Comments:

MLA Geotechnical 8.23.21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/24/21
Project No.: 20107183.016
Report No.: 125
Page No.:
Technician: BS

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	BRANCHWOOD PATH																
636	STA: 11+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	139.2	131.5	5.9	101.2	PASS	
637	STA: 14+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	142.3	133.5	6.6	102.7	PASS	
	CHERRY BLOSSUM LANE																
638	STA: 11+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	146.0	135.3	7.9	104.1	PASS	
639	STA: 13+50	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	142.1	132.9	6.9	102.2	PASS	
640	STA: 16+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	138.3	130.0	6.4	100.0	PASS	
	ELM BRANCH TRAIL																
641	STA: 14+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	142.4	130.1	9.5	100.1	PASS	
642	STA: 11+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	144.3	133.3	8.3	102.5	PASS	
	PEBBLESTREAM PASS																
643	STA: 16+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	142.7	130.1	9.7	100.1	PASS	
644	STA: 19+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	142.4	133.6	6.6	102.8	PASS	
645	STA: 21+50	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	145.5	136.3	6.7	104.8	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2292
Moisture:	722
Troxler No.:	3430
Serial No.:	36387

INSPECTOR ON SITE: City of Taylor Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: None

Comments:

MLA Geotechnical 8/25/21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

BASE DEPTH CHECK REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 8-24-21
PROJECT NO.: 20107183.016
REPORT NO.: 126
PAGE NO.:
TECHNICIAN: BS

Summary of Work: Base Depth Check

Contractors Working This Date: DNT

Weather Conditions: Clear

Ambient Temperature: 90's

Time Arrived at Project Site: 1230

Time Departed Project Site: 1355

Base Depth Check Testing Results

Location	Actual Depth	Required Depth	Method of Observation	Comments
BRANCHWOOD PATH				
STA: 11+00	7 1/2"	7"	Depth Check Pin/ Measured	**PASS**
STA: 14+00	7 1/2"	7"	Depth Check Pin/ Measured	**PASS**
CHERRY BLOSSUM LANE				
STA: 11+00	7 3/4"	7"	Depth Check Pin/ Measured	**PASS**
STA: 13+50	7 1/2"	7"	Depth Check Pin/ Measured	**PASS**
STA: 16+00	7 1/4"	7"	Depth Check Pin/ Measured	**PASS**
ELM BRANCH TRAIL				
STA: 14+00	7 3/4"	7"	Depth Check Pin/ Measured	**PASS**
STA: 11+00	7 1/2"	7"	Depth Check Pin/ Measured	**PASS**
PEBBLESTREAM PASS				
STA: 16+00	7 1/2"	7"	Depth Check Pin/ Measured	**PASS**
STA: 19+00	7 3/4"	7"	Depth Check Pin/ Measured	**PASS**
STA: 21+50	7 3/4"	7"	Depth Check Pin/ Measured	**PASS**

Notes: **City of Taylor Inspector On Site**

MLA Geotechnical

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/06/21
Project No.: 20107183.016
Report No.: 127
Page No.:
Technician: JK

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
623	Alley 1 @ Sta: 8+00	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	8"	122.5	100.1	22.4	101.8	**PASS**	
624	Alley 1 @ Sta: 5+75	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	8"	122.6	99.3	23.5	101.0	**PASS**	
625	Alley 2 @ Sta: 3+50	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	8"	124.8	100.0	24.8	101.7	**PASS**	
626	Alley 3 @ Sta: 2+50	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	8"	122.2	99.4	22.9	101.1	**PASS**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1787
Moisture:	660
Troxler No.:	3430
Serial No.:	36009

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 8-9-21

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood Phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 08/06/21
PROJECT NO.: 20107183.016
REPORT NO.: 128
PAGE NO.: 1 of 1
TECHNICIAN: JK

FIELD NOTES:

Contractor Working This Date: DNT

Weather Conditions: Partly Cloudy | Ambient Temp.: 90's

Time Arrived: 1400 | Time Departed: 1500

Results Reported To:

Area Proof Rolled: Alley #1, #2, #3

Lift Number: Subgrade | Lift Thickness: N/A

Description of Fill: Pale to Dark Brown Clay | PI: N/A

Material Sampled: [ ] Yes [X] No | Lab # if Sampled:

Approved Rolling Vehicle Used: Total Gross Weight 35,000 +/- Lbs.

[ ] Tandem Axle Dump Truck- Loaded With

[ ] 20-ton Pneumatic Roller [X] 2,000 gal H20 Truck

[ ] Contractor preparing material for placement - not yet ready for testing.

[X] **Proof roll passed - very tight - no deflections.**

[ ] Fill placement Complete as of

[ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

MLA Geotechnical

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention. The results are also subject to modification upon review by supervisory personnel.

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPRESENTATIVE'S DAILY TESTING REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 08/06/21
PROJECT NO.: 20107183.016
REPORT NO.: 129
PAGE NO.:
TECHNICIAN: JK

Summary of Work: Proofroll

Contractors Working This Date: DNT

Weather Conditions: Partly Cloudy
Ambient Temperature: 90's

Time Arrived at Project Site: 1400
Time Departed Project Site: 1500

Date and Time Testing Scheduled: 8/6/2021 @ 1400

Scheduled by: Efren with DNT

Results of Inspection: Tech arrived on site as scheduled and met with Efren with DNT about areas to be tested and proofrolled. Tech performed moisture density testing on alley #1, #2, & #3. Results were reported to Efren. Tech performed proofrolls on alley #1, #2, & #3 with full 2000gal water truck. Proofrolls were satisfactory and results were reported to Efren. Tech departed site.

MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/27/21
Project No.: 20107183.016
Report No.: 130
Page No.:
Technician: BS

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	STREAMWOOD TRAIL																
646	STA: 3+50	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	141.9	134.5	5.5	103.5	PASS	
647	STA: 6+50	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	142.1	134.3	5.8	103.3	PASS	
648	STA: 9+50	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	143.0	134.7	6.2	103.6	PASS	
649	STA: 12+50	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	140.6	130.1	8.1	100.1	PASS	
	ELM BRANCH TRAIL																
650	STA: 9+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	141.7	131.6	7.7	101.2	PASS	
	REDBRANCH TRAIL																
651	STA: 2+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	142.0	131.9	7.7	101.5	PASS	
	CHERRY BLOSSOM LANE																
652	STA: 9+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	139.4	132.3	5.4	101.8	PASS	
653	STA: 6+00	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	141.3	130.8	8.0	100.6	PASS	
	BRANCHWOOD PATH																
654	STA: 8+50	TCS-581		130.0	9.3	100	105	-	-	1CB	6"	136.6	130.0	5.1	100.0	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2279
Moisture:	726
Troxler No.:	3430
Serial No.:	36387

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: None

Comments:

MLA Geotechnical 8.29.21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

BASE DEPTH CHECK REPORT

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 8-27-21
PROJECT NO.: 2010 7 83016
REPORT NO.: 131
PAGE NO.:
TECHNICIAN: BS

Summary of Work: Base Depth Check

Contractors Working This Date: DNT

Weather Conditions: Cloudy Ambient Temperature: 70's

Time Arrived at Project Site: 0845 Time Departed Project Site: 1115

Base Depth Check Testing Results

Location	Actual Depth	Required Depth	Method of Observation	Comments
STREAMWOOD TRAIL				
STA: 3+50	7 1/4"	7"	Depth Check Pin/ Measured	PASS
STA: 6+50	7 1/2"	7"	Depth Check Pin/ Measured	PASS
STA: 9+50	7 1/4"	7"	Depth Check Pin/ Measured	PASS
STA: 12+50	7"	7"	Depth Check Pin/ Measured	PASS
ELM BRANCH TRAIL				
STA: 9+00	7 1/2"	7"	Depth Check Pin/ Measured	PASS
REDBRANCH TRAIL				
STA: 2+00	7"	7"	Depth Check Pin/ Measured	PASS
CHERRY BLOSSOM LANE				
STA: 9+00	7 3/4"	7"	Depth Check Pin/ Measured	PASS
STA: 6+00	7 1/2"	7"	Depth Check Pin/ Measured	PASS
BRANCHWOOD PATH				
STA: 8+50	7 3/4"	7"	Depth Check Pin/ Measured	PASS

Notes:

8.29.21

MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood phases 1, 2 &3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 08/ 27/21
PROJECT NO.: 20107183 016
REPORT NO.: 132
PAGE NO.: 1 of 1
TECHNICIAN: BS

FIELD NOTES:

Contractor Working This Date: DNT
Weather Conditions: Cloudy — Ambient Temp.: 70's
Time Arrived: 0845 — Time Departed: 1115
Results Reported To: Efren with DNT

Area Proof Rolled: Streamwood Trail- Entire Street, Elm Branch Trail STA: 7+50 to 11+00, Red Branch Rd- Entire Street Cherry Blossom Lane STA: 5+50 to 10+50, Branch Wood Path STA: 7+00 to 10+00

Lift Number: 1CB — Lift Thickness: 7"
Description of Fill: Pale Brown Sandy CL w/ Agg — PI: N/A
Material Sampled: [ ] Yes [X] No — Lab # if Sampled: N/A

Approved Rolling Vehicle Used: Total Gross Weight 38,000+/- Lbs.

- [ ] Tandem Axle Dump Truck- Loaded With
- [ ] 20-ton Pneumatic Roller
- [X] **2,000 gal H20 Truck**

- [ ] Contractor preparing material for placement - not yet ready for testing.
- [X] **Proof roll passed - very tight - no deflections.**
- [ ] Fill placement Complete as of
- [ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

8.29.21
MLA Geotechnical

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention.
The results are also subject to modification upon review by supervisory personnel.

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

SOILS MANAGEMENT DAILY REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 08/27/21
PROJECT NO.: 20107183.016
REPORT NO.: 133
PAGE NO.:
TECHNICIAN: BS

Summary of Work: Proof-Roll Observation

Contractors Working This Date: DNT

Weather Conditions: Cloudy
Ambient Temperature: 70's

Time Arrived at Project Site: 0845
Time Departed Project Site: 1115

Contractors Representative: Efren
Company: DNT
Area of Focus: See Additional Comments for Locations
Material Description of Sub\Lot Fill at time of Observation: Pale Brown Sandy CL w/ Agg
If Imported, from where: Texas Crushed Stone
Equipment used for Placement: Blade
Equipment used for Moisture Control: 2,000 Gallon Water Truck
Equipment used for Compaction: Flat Wheel Vibratory Roller
Equipment used for Proof Roll: 2,000 Gallon Water Truck
Proof Roll-Pass\Fail: PASS
If fail, please explain: N/A

Results of Inspection Reported to: Efren with DNT
Max Aggregate Allowed: -
Moisture Conditioning Y\N: No
Max Aggregate Observed: -
Organics Present: No
Percent of Job Complete:

Sample Collected ?: No
Lab Number: N/A
Location: Block: N/A
Lot: N/A
Lift: 1CB
Material Description: Pale Brown Sandy CL w/ Agg

Additional Comments:

Streamwood Trail- Entire Street
Elm Branch Trail STA: 7+50 to 11+00
Red Branch Rd- Entire Street
Cherry Blossom Lane STA: 5+50 to 10+50
Branch Wood Path STA: 7+00 to 10+00

8.29.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 8/30/2021
PROJECT NO.: 20107183.016
REPORT NO.: 135
PAGE NO.: 1 of 1
TECHNICIAN: SP

Contractors Working This Date: DNT Constructon

Weather Conditions: Clear
Ambient Temperature: 89°

Time Arrived at Site: 1400
Time Departed Site: 1430

Date Cylinders Cast: 8/27/2021

Number of Cylinders Made: 1/7 3/28 1/Hold

Cylinder Mark & No.: CSTLWD12 26-30

Made By: BS

General Location: On Curb Across from Curb Poured

Cylinder Condition: Satisfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

8.31.21
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 08/31/21
Project No.: 20107183.016
Report No.: 136
Page No.:
Technician: SC

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Alleyway 1																
655	STA:9+50 Center	TCS-581		130.0	9.3	100	105	-	-	2CB	4"	141.4	132.5	6.7	101.9	PASS	
656	STA:6+50 RQP	TCS-581		130.0	9.3	100	105	-	-	2CB	4"	144.1	136.1	5.9	104.7	PASS	
	Alleyway 2																
657	STA:2+00 LQP	TCS-581		130.0	9.3	100	105	-	-	2CB	4"	141.2	134.3	5.1	103.3	PASS	
	Alleyway 3																
658	STA:2+25	TCS-581		130.0	9.3	100	105	-	-	2CB	4"	141.6	134.4	5.4	103.4	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1862
Moisture:	726
Troxler No.:	3430
Serial No.:	36130

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: None

Comments:

MLA Geotechnical 9.1.21

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

BASE DEPTH CHECK REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 8-31-2021
PROJECT NO.: 20107183.016
REPORT NO.: 137
PAGE NO.:
TECHNICIAN: SC

Summary of Work: Base Depth Check

Contractors Working This Date: DNT

Weather Conditions: Clear
Ambient Temperature: 90's

Time Arrived at Project Site: 0700
Time Departed Project Site: 1000

Base Depth Check Testing Results

Location	Actual Depth	Required Depth	Method of Observation	Comments
Alleyway 1				
STA: 9+50	6 1/4"	6"	Depth Check Pin/ Measured	**PASS**
STA:6+50	6 1/4"	6"	Depth Check Pin/ Measured	**PASS**
Alleyway 2				
STA: 2+00	7"	6"	Depth Check Pin/ Measured	**PASS**
Alleyway 3				
STA: 2+25	6"	6"	Depth Check Pin/ Measured	**PASS**

Notes: **City of Taylor Inspector On Site**

9-1-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood phases 1, 2& 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 08/31/21
PROJECT NO.: 20107183.016
REPORT NO.: 138
PAGE NO.: 1 of 1
TECHNICIAN: sc

FIELD NOTES:

Contractor Working This Date: DNT
Weather Conditions: Cloudy — Ambient Temp.: 90's
Time Arrived: 0700 — Time Departed: 1000
Results Reported To: Efren with DNT

Area Proof Rolled: Alleyway 1,2,3

Lift Number: 1CB — Lift Thickness: 7"
Description of Fill: Pale Brown Sandy CL w/ Agg — PI: N/A
Material Sampled: [ ] Yes [X] No — Lab # if Sampled: N/A

Approved Rolling Vehicle Used: Total Gross Weight 38,000+/- Lbs.

[ ] Tandem Axle Dump Truck- Loaded With
[ ] 20-ton Pneumatic Roller
[X] **2,000 gal H20 Truck**

[ ] Contractor preparing material for placement - not yet ready for testing.
[X] **Proof roll passed - very tight - no deflections.**
[ ] Fill placement Complete as of
[ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention.
The results are also subject to modification upon review by supervisory personnel.

9.14
MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

SOILS MANAGEMENT DAILY REPORT

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 08/31/21
PROJECT NO.: 20107183.016
REPORT NO.: 139
PAGE NO.:
TECHNICIAN: SC

Summary of Work: Proof-Roll Observation

Contractors Working This Date: DNT

Weather Conditions: Cloudy
Ambient Temperature: 90's

Time Arrived at Project Site: 0700
Time Departed Project Site: 1000

Contractors Representative: Efren
Company: DNT
Area of Focus: See Additional Comments for Locations
Material Description of Sub\Lot Fill at time of Observation: Pale Brown Sandy CL w/ Agg
If Imported, from where: Texas Crushed Stone
Equipment used for Placement: Blade
Equipment used for Moisture Control: 2,000 Gallon Water Truck
Equipment used for Compaction: Flat Wheel Vibratory Roller
Equipment used for Proof Roll: 2,000 Gallon Water Truck
Proof Roll-Pass\Fail: PASS
If fail, please explain: N/A

Results of Inspection Reported to: Efren with DNT
Max Aggregate Allowed: -
Moisture Conditioning Y\N: No
Max Aggregate Observed: -
Organics Present: No
Percent of Job Complete:

Sample Collected ?: No
Lab Number: N/A
Location: Block: N/A
Lot: N/A
Lift: 1CB
Material Description: Pale Brown Sandy CL w/ Agg

Additional Comments:

9.14
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 09/01/21
Project No.: 20107183.016
Report No.: 140
Page No.:
Technician: SC

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Castle bridge																
659	STA:1+63	TCS-581		130.0	9.3	100	105	-	-	2CB	2"	141.2	132.6	6.5	102.0	PASS	
660	STA:4+00	TCS-581		130.0	9.3	100	105	-	-	2CB	2"	140.6	130.4	7.8	100.3	PASS	
661	STA:6+00	TCS-581		130.0	9.3	100	105	-	-	2CB	2"	145.5	132.9	9.5	102.2	PASS	
662	STA:7+50	TCS-581		130.0	9.3	100	105	-	-	2CB	2"	143.5	131.2	9.4	100.9	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1858
Moisture:	721
Troxler No.:	3430
Serial No.:	36130

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: None

Comments:

MLA Geotechnical 9.2.21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/01/21
PROJECT NO.: 20107183.016
REPORT NO.: 141
PAGE NO.: 1 of 1
TECHNICIAN: sc

FIELD NOTES:

Contractor Working This Date: DNT
Weather Conditions: Cloudy — Ambient Temp.: 90's
Time Arrived: 0730 — Time Departed: 0830
Results Reported To: Efren with DNT

Area Proof Rolled: Road way Castle bridge

Lift Number: 2CB — Lift Thickness: 7"
Description of Fill: Pale Brown Sandy CL w/ Agg — PI: N/A
Material Sampled: [ ] Yes [X] No — Lab # if Sampled: N/A

Approved Rolling Vehicle Used: Total Gross Weight 38,000+/- Lbs.

[ ] Tandem Axle Dump Truck- Loaded With
[ ] 20-ton Pneumatic Roller
[X] **2,000 gal H20 Truck**

[ ] Contractor preparing material for placement - not yet ready for testing.
[X] **Proof roll passed - very tight - no deflections.**
[ ] Fill placement Complete as of
[ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

9.2.21
MLA Geotechnical

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention. The results are also subject to modification upon review by supervisory personnel.

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

SOILS MANAGEMENT DAILY REPORT

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/01/21
PROJECT NO.: 20107183.01 6
REPORT NO.: 142
PAGE NO.:
TECHNICIAN: SC

Summary of Work: Proof-Roll Observation

Contractors Working This Date: DNT

Weather Conditions: Cloudy
Ambient Temperature: 90's

Time Arrived at Project Site: 0730
Time Departed Project Site: 0830

Contractors Representative: Efren
Company: DNT
Area of Focus: See Additional Comments for Locations
Material Description of Sub\Lot Fill at time of Observation: Pale Brown Sandy CL w/ Agg
If Imported, from where: Texas Crushed Stone
Equipment used for Placement: Blade
Equipment used for Moisture Control: 2,000 Gallon Water Truck
Equipment used for Compaction: Flat Wheel Vibratory Roller
Equipment used for Proof Roll: 2,000 Gallon Water Truck
Proof Roll-Pass\Fail: PASS
If fail, please explain: N/A

Results of Inspection Reported to: Efren with DNT
Max Aggregate Allowed: -
Moisture Conditioning Y\N: No
Max Aggregate Observed: -
Organics Present: No
Percent of Job Complete:

Sample Collected ?: No
Lab Number: N/A
Location: Block: N/A
Lot: N/A
Lift: 1CB
Material Description: Pale Brown Sandy CL w/ Agg

Additional Comments:

(M) 9.2.21
MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 08/12/21
PROJECT NO.: 20107183.016
REPORT NO.: 119
PAGE NO.: 1 of 1
TECHNICIAN: SP

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123	21	7	8/19/21	4.00	7.95	12.53	37,350	2980	5
CSTLWD123	22	28	9/9/21	3.98	8.06	12.43	57,630	4630	2
CSTLWD123	23	28	9/9/21	3.99	7.96	12.50	52,500	4200	5
CSTLWD123	24	28	9/9/21	3.99	8.08	12.50	56,710	4540	2
CSTLWD123	25	56/Hold	10/07/21						
						28 Day Break Average:		**4460**	

Tech. Information	28 day design (psi):	3600	SPEC:		Consolidation Method:		Rodding
	Location of placement:	Trickle Channel infront of Storm C Outfall					
	Type of placement:	Placed by Chute Sampled by Chute					
	Weather:	Clear			Air Content (ASTM C 231); %:		N/a
	Ambient Temp (deg. F):	91°			Slump (ASTM C 143); Inch:		5 1/2"
	CC Temp (ASTM C 1064) (F):	94°			Unit Weight (ASTM C 138), PCF:		N/a
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:		
	Truck No.:	683			Ticket No.:		1046143
	Total Ordered (yd^3):	10			Plant No.:		10
	Time Batched:	1245			Time Sampled:		1358
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	327.50	Type		Batch Water; gals. :		21.60
	Fly Ash; lbs.:	140.00	Class		Batch Water; lbs.:		179.71
	Aggregate (fine); lbs.:	1,400.00	4.20	% MST	Admixture; oz.:		2.40
	Aggregate (coarse); lbs:	1,904.00	0.00	% MST	Admixture; oz.:		23.50
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:		9.40
	Total Mass Solids; lbs.:	3,771.50			Total Mass Liquids; lbs.:		240.72
	Total Mass of Batch; lbs.:	4,012.22					

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

9.9.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	Castlewood phases 1, 2 & 3	**Date:**	09/07/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	144
		Page No.:	
Client:	DNT Construction, LLC	**Technician:**	JL

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Clear **Ambient Temperature:** 90's

Time Arrived : 1300 **Time Departed:** 1345

Lab Number: P21-1405

Location of Sample: East of Streamwood Trl. 400'

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: LTS

Material Description: Dark Gray to Gray LTS

Comments:

9.8.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Report of Proctor Pick Up

Project:	Castlewood phases 1, 2 & 3	**Date:**	09/07/21
		Project No.:	20107183.016
Location:	Taylor, Texas	**Report No.:**	146
		Page No.:	
Client:	DNT Construction, LLC	**Technician:**	JL

SUMMARY OF CONDITIONS:

Contractors Working This Date: DNT

Weather Conditions: Clear **Ambient Temperature:** 90's

Time Arrived : 1300 **Time Departed:** 1345

Lab Number: P21-1406

Location of Sample: Castle Ridge Entrance

Municipality: City of Taylor

Public or Private Dev.: Public

Proposed Use: LTS

Material Description: Gray to Light gray LTS

Comments:

(N) 9.8.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LIME GRADATIONS

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/07/21
PROJECT NO.: 20107183.016
PAGE NO.: 150
REPORT NO.:
TECHNICIAN: JL

Sieve Analysis of Road Mix Stabilized Material- TEX 101 E Part III

Sample Location: East of Streamwood Trl. 400'
Sample Description: Gray to Dark Gray LTS
Sampled By: JL Date: 9/7/21
Test Method: TEX 101 E Part III

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4	0.0	0.0	0.0	100.0	100	Pass
3/4"	0.0	0.0	0.0	100.0	85-100	Pass
#4	700.0	700.0	35.4	64.6	60-100	Pass
-#4						
Total		1980.0		OVERALL RESULT:		Pass

Example Calculations

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4"	A	A	J	100-J		
3/4"	B	F	K	100-K		
#4	C	G	L	100-L		
-#4	D					
Total		H				

Testing Weight Results

A: 1 3/4" Wt. Retained
B: 3/4" Wt. Retained
C: #4 Wt. Retained
D: #4 Wt. Passing

Calculations

F: A + B
G: C + F
H: D + G

J: (A/H) * 100
K: (F/H) * 100
L: (G/H) * 100

9.8.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LIME GRADATIONS

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/07/21
PROJECT NO.: 20107183.016
PAGE NO.: 151
REPORT NO.:
TECHNICIAN: JL

Sieve Analysis of Road Mix Stabilized Material- TEX 101 E Part III

Sample Location: East of Streamwood Trl. 100'
Sample Description: Gray to Dark Gray LTS
Sampled By: JL Date: 9/7/21
Test Method: TEX 101 E Part III

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4	0.0	0.0	0.0	100.0	100	Pass
3/4"	0.0	0.0	0.0	100.0	85-100	Pass
#4	660.0	660.0	31.4	68.6	60-100	Pass
-#4						
Total		2100.0		OVERALL RESULT:		Pass

Example Calculations

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4"	A	A	J	100-J		
3/4"	B	F	K	100-K		
#4	C	G	L	100-L		
-#4	D					
Total		H				

Testing Weight Results	Calculations	
A: 1 3/4" Wt. Retained	**F:** A + B	**J:** (A/H) * 100
B: 3/4" Wt. Retained	**G:** C + F	**K:** (F/H) * 100
C: #4 Wt. Retained	**H:** D + G	**L:** (G/H) * 100
D: #4 Wt. Passing		

9.8.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LIME GRADATIONS

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/07/21
PROJECT NO.: 20107183.016
PAGE NO.: 152
REPORT NO.:
TECHNICIAN: JL

Sieve Analysis of Road Mix Stabilized Material- TEX 101 E Part III

Sample Location: West of Streamwood Trl. 100'
Sample Description: Gray to Dark Gray LTS
Sampled By: JL Date: 9/7/21
Test Method: TEX 101 E Part III

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4	0.0	0.0	0.0	100.0	100	Pass
3/4"	0.0	0.0	0.0	100.0	85-100	Pass
#4	900.0	900.0	32.6	67.4	60-100	Pass
-#4						
Total		2760.0			OVERALL RESULT:	Pass

Example Calculations

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4"	A	A	J	100-J		
3/4"	B	F	K	100-K		
#4	C	G	L	100-L		
-#4	D					
Total		H				

Testing Weight Results	Calculations	
A: 1 3/4" Wt. Retained	**F:** A + B	**J:** (A/H) * 100
B: 3/4" Wt. Retained	**G:** C + F	**K:** (F/H) * 100
C: #4 Wt. Retained	**H:** D + G	**L:** (G/H) * 100
D: #4 Wt. Passing		

9.8.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LIME GRADATIONS

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/07/21
PROJECT NO.: 20107183.016
PAGE NO.: 153
REPORT NO.:
TECHNICIAN: JL

Sieve Analysis of Road Mix Stabilized Material- TEX 101 E Part III

Sample Location: Castle Ridge Entrance
Sample Description: Gray to Dark Gray LTS
Sampled By: JL Date: 9/7/21
Test Method: TEX 101 E Part III

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4	0.0	0.0	0.0	100.0	100	Pass
3/4"	0.0	0.0	0.0	100.0	85-100	Pass
#4	860.0	860.0	32.1	67.9	60-100	Pass
-#4						
Total		2680.0			OVERALL RESULT:	Pass

Example Calculations

Sieve	Individual Wt Retained	Cumulative Wt. Retained	Cumulative % Retained	Cumulative % Passing	Specification	Result (Pass or Fail)
1 3/4"	A	A	J	100-J		
3/4"	B	F	K	100-K		
#4	C	G	L	100-L		
-#4	D					
Total		H				

Testing Weight Results

A: 1 3/4" Wt. Retained
B: 3/4" Wt. Retained
C: #4 Wt. Retained
D: #4 Wt. Passing

Calculations

F: A + B
G: C + F
H: D + G

J: (A/H) * 100
K: (F/H) * 100
L: (G/H) * 100

9.8.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 9/7/2021
PROJECT NO.: 20107183.016
REPORT NO.: 154
PAGE NO.: 1 of 1
TECHNICIAN: JL

Contractors Working This Date: None

Weather Conditions: Clear
Ambient Temperature: 90's

Time Arrived at Site: 1300
Time Departed Site: 1345

Date Cylinders Cast: 9/3/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: CSTLWD12 31-35

Made By: JK

General Location: On Curbline

Cylinder Condition: Great

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

9.8.21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood phases 1, 2 & 3
Location: Tayor, Texas
Client: DNT Construction, LLC

Date: 9/13/2021
Project No.: 20107183.016
Lab No.: P21-1405
Report No.: 116 & 117
Tech.: JL

Description of Material: Lime Treated Dark Gray to Gray Clay
Sampled By: J. Lain
Source: East of Streamwood Trail 400'
Rammer: 10.0 lb Mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Lime Treated Subgrade

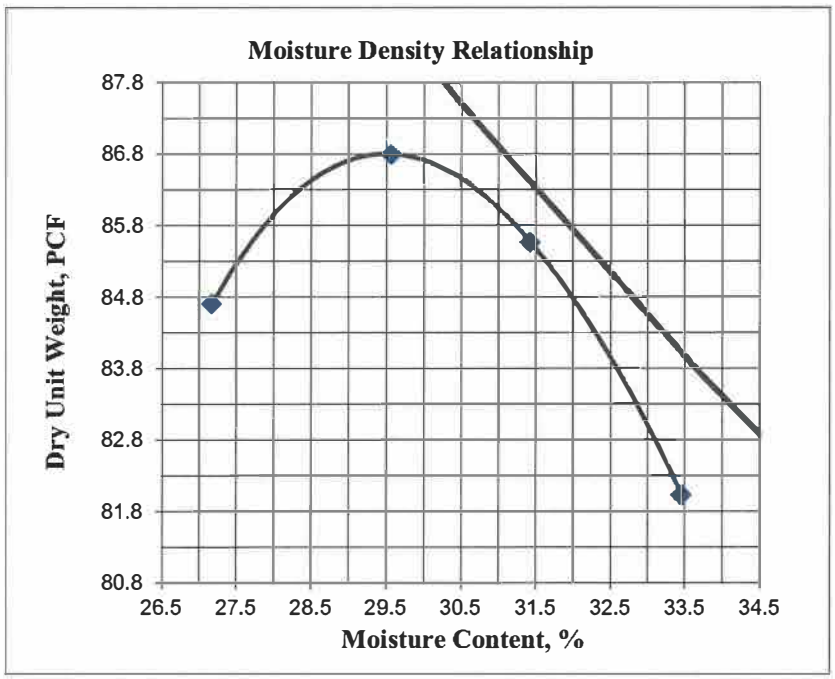


Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	57	
Plastic Limit:	50	
Plasticity Index:	7	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
2 1/2"	0.0
1 3/4"	0.0
1 1/4"	0.0
7/8"	1.4
3/8"	18.2
#4	29.1
#40	42.9



MDR Test method: TEX-113-E

Maximum Dry Density 86.8 PCF

Optimum Moisture 29.5 %

pH 12.4

ZAV G_S = 2.45

Reviewed By: MLA Labs, Inc. 9/13/21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

REPORT OF LABORATORY TESTS

Project: Castlewood phases 1, 2 & 3
Location: Tayor, Texas
Client: DNT Construction, LLC

Date: 9/13/2021
Project No.: 20107183.016
Lab No.: P21-1406
Report No.: 108 + 109
Tech.: JL

Description of Material: Lime Treated Gray to Ligtht Gray Clay
Sampled By: J. Lain
Source: Castle Ridge Entrance
Rammer: 10.0 lb Mechanical Rainhart
Air Dry (Y/N): No
Proposed use: Lime Treated Subgrade

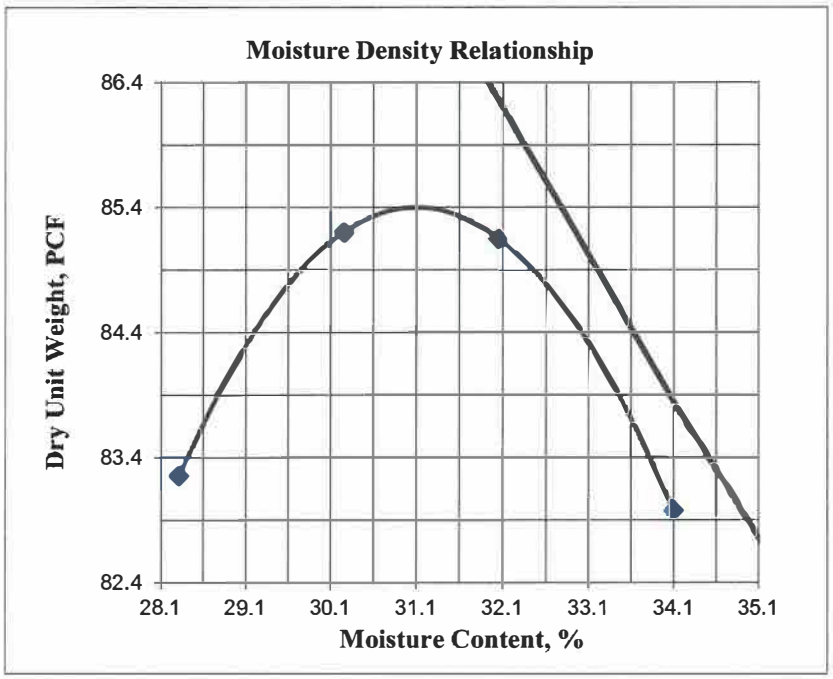


Atterberg Test Procedure: TEX-104 & 106 E

Liquid Limit:	53	
Plastic Limit:	50	
Plasticity Index:	3	

Sieve Test Procedure: TEX-110-E
Specification Reference: TxDOT Item 247.2

Sieve:	% Retained
2 1/2"	0.0
1 3/4"	0.0
1 1/4"	0.0
7/8"	1.4
3/8"	18.2
#4	31.4
#40	42.9



MDR Test method: TEX-113-E

Maximum Dry Density 85.4 PCF

Optimum Moisture 31.1 %

pH 12.4

ZAV G_S = 2.48

Reviewed By: MA 9/13/21
MLA Labs, Inc.

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 09/13/21
Project No.: 20107183.016
Report No.: 157
Page No.:
Technician: KT/WL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Turn Lane # 2																
667	STA: 3+00	SP-562		131.7	8.9	100.0	-	-	-	1stcb	4"	138.6	128.7	7.7	97.7	FAIL	
668	STA: 6+00	SP-562		131.7	8.9	100.0	-	-	-	1stcb	4"	138.2	128.8	7.3	97.8	FAIL	

NOTES:

*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1629
Moisture:	544
Troxler No.:	3440
Serial No.:	24681

INSPECTOR ON SITE: NA
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: NA
FAILURES REPORTED TO: Superinte
DENSITIES REQUIRING RETESTING: # 667,668

Comments:

MLA Geotechnical 9-14-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 09/09/21
Project No.: 20107183.016
Report No.: 158
Page No.:
Technician: KT

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Turn Lane # 1																
663	STA: 3+00	P21-1406	3	85.4	31.1	95.0	-	-	-	LTS	6"	116.4	92.3	26.1	108.1	PASS	
664	STA: 6+00	P21-1406	3	85.4	31.1	95.0	-	-	-	LTS	6"	111.1	86.4	28.6	101.2	PASS	
	Turn Lane # 2																
665	STA: 3+00	P21-1406	3	85.4	31.1	95.0	-	-	-	LTS	6"	111.2	90.9	22.3	106.4	PASS	
666	STA: 6+00	P21-1406	3	85.4	31.1	95.0	-	-	-	LTS	6"	118.0	93.1	26.7	109.0	PASS	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1610
Moisture:	505
Troxler No.:	3440
Serial No.:	24681

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: N/A
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: None

Comments:

MLA Geotechnical 9.14.4

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

LIME STABILIZED SUBGRADE DEPTH CHECK REPORT

PROJECT: Castlewood Phases 1, 2 & 3

LOCATION: Taylor, Texas

CLIENT: DNT Construction, LLC

DATE OF REPORT: 9-9-21
PROJECT NO.: 20107183016
REPORT NO.: 159
PAGE NO.:
TECHNICIAN: KT

Summary of Work: Lime Stabilized Subgrade Depth Check

Contractors Working This Date: Weather

Conditions: Ambient Temperature:

Time Arrived at Project Site: Time Departed Project Site:

Lime Stabilized Subgrade Depth Check

Location	Actual Depth	Required Depth	Method of Observation	Comments
Turn Lane #1				
STA: 3+00	9 1/4"	6"	Bullprick/Tape/Phenylthailene	PASS
STA: 6+00	6 3/4"	6"	Bullprick/Tape/Phenylthailene	PASS
Turn Lane # 2				
STA: 3+00	6 3/4"	6"	Bullprick/Tape/Phenylthailene	PASS
STA: 6+00	7 1/2"	6"	Bullprick/Tape/Phenylthailene	PASS

Notes:

9-1-21

MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 9/14/2021
PROJECT NO.: 20107183.016
REPORT NO.: 161
PAGE NO.: 1 of 1
TECHNICIAN: KT

Contractors Working This Date: DNT Constrction

Weather Conditions: Partly Cloudy
Ambient Temperature: 82

Time Arrived at Site: 1400
Time Departed Site: 1430

Date Cylinders Cast: 9/10/2021

Number of Cylinders Made: 10

Cylinder Mark & No.: cstlwd12 36-45

Made By: JK/ER

General Location: Gatehouse Way

Cylinder Condition: Good

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

9/15/21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 9/15/2021
PROJECT NO.: 20107183.016
REPORT NO.: 162
PAGE NO.: 1 of 1
TECHNICIAN: MM

Contractors Working This Date: DNT Constrction

Weather Conditions: Partly Cloudy
Ambient Temperature: 70's

Time Arrived at Site: 1400
Time Departed Site: 1430

Date Cylinders Cast: 9/14/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: cstlwd12 46-50

Made By: GL

General Location: On Curb

Cylinder Condition: Good

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

9/16/21

MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 09/14/21
Project No.: 20107183.016
Report No.: 163
Page No.:
Technician: JK/ER

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Turn Lane #2																
669	Sta: 3+00 **RETEST DENS #667**	SP-562		131.7	8.9	100.0	-	-	-	1stcb	4"	145.2	133.8	8.5	101.6	**PASS**	
670	Sta: 6+00 **RETEST DENS #668**	SP-562		131.7	8.9	100.0	-	-	-	1stcb	4"	145.4	133.5	8.9	101.4	**PASS**	
	Turn Lane #1																
671	Sta: 3+00	SP-562		131.7	8.9	100.0	-	-	-	1stcb	4"	144.6	133.8	8.1	101.6	**PASS**	
672	Sta: 6+00	SP-562		131.7	8.9	100.0	-	-	-	1stcb	4"	145.8	133.6	9.1	101.4	**PASS**	

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1782
Moisture:	664
Troxler No.:	3430
Serial No.:	36009

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: Superinte N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 9-16-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 08/27/21
PROJECT NO.: 20107183.016
REPORT NO.: 134
PAGE NO.: 1 of 1
TECHNICIAN: BS

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12	26	7	9/3/21	3.98	8.02	12.43	51,740	4160	5
CSTLWD12	27	28	9/24/21	3.98	8.00	12.40	62,890	5070	2
CSTLWD12	28	28	9/24/21	3.98	8.01	12.43	69,350	5580	5
CSTLWD12	29	28	9/24/21	3.98	8.05	12.40	68,030	5480	5
CSTLWD12	30	56/Hold	10/22/21						
						28 Day Break Average:		**5380**	

Tech. Information	28 day design (psi):	3500	SPEC:		Consolidation Method:	Rodding	
	Location of placement:	Curb on Elm Branch Trail @ STA: 13+00 RCL					
	Type of placement:	Placed by Curb Machine, Sampled at Truck Chute					
	Weather:	Cloudy			Air Content (ASTM C 231); %:	N/A	
	Ambient Temp (deg. F):	82° F			Slump (ASTM C 143); Inch:	1 1/2"	
	CC Temp (ASTM C 1064) (F):	91° F			Unit Weight (ASTM C 138), PCF:	N/A	
Supplier Ticket Information	Supplier:	TEXMIX			Mix Design Ref.:	COA-I	
	Truck No.:	2032			Ticket No.:	232845	
	Total Ordered (yd^3):	100.00			Plant No.:	02	
	Time Batched:	1006			Time Sampled:	1046	
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	3,655.80	Type		Batch Water; gals. :	16.93	
	Fly Ash; lbs.:	159.00	Class		Batch Water; lbs.:	140.86	
	Aggregate (fine); lbs.:	1,620.00	2.50	% MST	Admixture; oz.:	2.00	
	Aggregate (coarse); lbs:	1,464.00	0.80	% MST	Admixture; oz.:	25.60	
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	10.40	
	Total Mass Solids; lbs.:	6,898.80			Total Mass Liquids; lbs.:	195.44	
	Total Mass of Batch; lbs.:	7,094.24					

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

9-27-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

CANCELLED TESTING REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/24/21
PROJECT NO.: 20107183.016
REPORT NO.: 165
PAGE NO.:
TECHNICIAN: JK/ER

Summary of Work: Concrete Cylinders

Contractors Working This Date: ND Construction

Weather Conditions: Sunny
Ambient Temperature: 80's

Time Arrived at Project Site: 0930
Time Departed Project Site: 1430

Date and Time Testing Scheduled: 09/23/21 @ 1030
Scheduled by: Aaron with ND construction
Reason for Testing Exception: Scheduling Error

Results of Inspection: Techs arrived on site and contacted workers on site about area to be sampled. Techs were notified that concrete plant was having issues and trucks were expected to arrive around noon at the earliest. Techs had clear schedule for remainder of day and informed workers that they would be able to stay until concrete trucks arrived. Concrete trucks arrived starting at 1315. Techs obtained sample at 1350 and departed site at 1430.

9-24-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 9/24/2021
PROJECT NO.: 20107183.016
REPORT NO.: 146
PAGE NO.: 1 of 1
TECHNICIAN: JK/ER

Contractors Working This Date: DNT Constrction

Weather Conditions: sunny
Ambient Temperature: 70's

Time Arrived at Site: 0915
Time Departed Site: 1015

Date Cylinders Cast: 9/23/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: cstlwd12 51-56

Made By: JK/ER

General Location: Curb Line near Entrance

Cylinder Condition: Satisfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

9/27/21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

CANCELLED TESTING REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 09/24/21
PROJECT NO.: 20107183.016
REPORT NO.: 167
PAGE NO.:
TECHNICIAN: JK/ER

Summary of Work: Concrete Cylinders

Contractors Working This Date: ND Construction

Weather Conditions: Clear
Ambient Temperature: 70's

Time Arrived at Project Site: 0915
Time Departed Project Site: 1015

Date and Time Testing Scheduled: 09/24/21 @ 1000

Scheduled by: Aaron with ND construction

Reason for Testing Exception: Scheduling Error

Results of Inspection: Techs arrived on site and contacted workers on site about area to be sampled. Techs were told that curb line would be poured and techs had driveway entrance scheduled. Techs contacted Aaron with ND to verify area to be sampled and were told that there was a miscommuniction between he and his crew and no samples would be need for the day. Techs informed Heather of scheduling error and departed site.

92741

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/23/21
PROJECT NO.: 20107183.016
REPORT NO.: 164
PAGE NO.: 1 of 1
TECHNICIAN: JK/ER

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123	51	4	9/27/21	6.02	12.03	28.45	97270	3420	5
CSTLWD123	52	7	9/30/21	6.01	12.05	28.31	115,370	4080	2
CSTLWD123	53	7	9/30/21	6.01	12.03	28.35	116,110	4090	2
CSTLWD123	54	28	10/21/21						
CSTLWD123	55	28	10/21/21						
						28 Day Break Average:			

Tech. Information

28 day design (psi):	3000	SPEC:	3000	Consolidation Method:	Rodding
Location of placement:	Driveway at FM 973 and Streamwood Trail				
Type of placement:	Placed by truck; sampled at chute				
Weather:	Sunny			Air Content (ASTM C 231); %:	1.5%
Ambient Temp (deg. F):	84°F			Slump (ASTM C 143); Inch:	6"
CC Temp (ASTM C 1064) (F):	86°F			Unit Weight (ASTM C 138), PCF:	N/A

Supplier Ticket Information

Supplier:	TexMix			Mix Design Ref.:	DOTCS02
Truck No.:	2034			Ticket No.:	233622
Total Ordered (yd^3):	40			Plant No.:	02
Time Batched:	1307			Time Sampled:	1350
Concrete as Batched Per Cubic Yard					
Cement; lbs.:	571.50	Type		Batch Water; gals. :	23.13
Fly Ash; lbs.:	0.00	Class		Batch Water; lbs.:	192.44
Aggregate (fine); lbs.:	1,446.00	3.00	% MST	Admixture; oz.:	28.80
Aggregate (coarse); lbs:	1,707.00	0.70	% MST	Admixture; oz.:	11.50
Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	0.00
Total Mass Solids; lbs.:	3,724.50			Total Mass Liquids; lbs.:	250.29
Total Mass of Batch; lbs.:	3,974.79				

Capping Info.

Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
Shore A Hardness:	60 Durometer	Planeness:	
Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

9-30-21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood phases /, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/03 21
PROJECT NO.: 20107183.016
REPORT NO.: 143
PAGE NO.: 1 of 1
TECHNICIAN: JK

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification	Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12 31	7	9/10/21	3.99	7.98	12.47	63,380	5080	5
CSTLWD12 32	28	10/1/21	4.02	8.04	12.69	80,530	6350	5
CSTLWD12 33	28	10/1/21	4.01	8.04	12.59	81,670	6490	3
CSTLWD12 34	28	10/1/21	4.00	8.03	12.56	77,630	6180	2
CSTLWD12 35	56/Hold	10/29/21						
					28 Day Break Average:		**6340**	

Tech. Information	28 day design (psi):	3500	SPEC:		Consolidation Method:	Rodding	
	Location of placement:	Curbline @ NW corner of Streamwood Trail and Cherry Blossom Lane					
	Type of placement:	Placed by curb machine; sampled at chute					
	Weather:	Mostly Cloudy			Air Content (ASTM C 231); %:	N/A	
	Ambient Temp (deg. F):	93°F			Slump (ASTM C 143); Inch:	1 1/2"	
	CC Temp (ASTM C 1064) (F):	94°F			Unit Weight (ASTM C 138), PCF:	N/A	
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:	COA-I	
	Truck No.:	2122			Ticket No.:	233075	
	Total Ordered (yd^3):	80			Plant No.:	02	
	Time Batched:	1338			Time Sampled:	1420	
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	356.50	Type		Batch Water; gals. :	12.57	
	Fly Ash; lbs.:	158.00	Class		Batch Water; lbs.:	104.58	
	Aggregate (fine); lbs.:	1,469.00	1.00	% MST	Admixture; oz.:	2.10	
	Aggregate (coarse); lbs:	1,630.00	3.50	% MST	Admixture; oz.:	25.60	
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	10.40	
	Total Mass Solids; lbs.:	3,613.50			Total Mass Liquids; lbs.:	178.70	
	Total Mass of Batch; lbs.:	3,792.20					
Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15			
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:				
	Shore A Hardness:	60 Durometer	Planeness:				
	Range (psi):	2500 to 7000					

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

10.4.21
MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/28/21
PROJECT NO.: 20107183.016
REPORT NO.:
PAGE NO.: 1 of 1
TECHNICIAN: MM

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123	56	4	10/2/21	6.02	11.91	28.45	121,190	4260	2
CSTLWD123	57	7	10/5/21						
CSTLWD123	58	28	10/26/21						
CSTLWD123	59	28	10/26/21						
CSTLWD123	60	56	10/26/21						
						28 Day Break Average:			

Tech. Information

28 day design (psi):	3000	SPEC:		Consolidation Method:	Rodding
Location of placement:	Driveway at FM 973				
Type of placement:	Placed by Truck Sampled by Chute				
Weather:	Clear			Air Content (ASTM C 231); %:	2.5
Ambient Temp (deg. F):	78			Slump (ASTM C 143); Inch:	4"
CC Temp (ASTM C 1064) (F):	80			Unit Weight (ASTM C 138), PCF:	

Supplier Ticket Information

Supplier:	TexMix			Mix Design Ref.:	Class C/S
Truck No.:	828			Ticket No.:	233720
Total Ordered (yd^3):	50			Plant No.:	02
Time Batched:	9:51			Time Sampled:	10:35
Concrete as Batched Per Cubic Yard					
Cement; lbs.:	568.50	Type		Batch Water; gals. :	24.23
Fly Ash; lbs.:	0.00	Class		Batch Water; lbs.:	201.59
Aggregate (fine); lbs.:	1,434.00	2.60	% MST	Admixture; oz.:	28.40
Aggregate (coarse); lbs:	1,694.00	0.50	% MST	Admixture; oz.:	11.50
Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	0.00
Total Mass Solids; lbs.:	3,696.50			Total Mass Liquids; lbs.:	249.84
Total Mass of Batch; lbs.:	3,946.34				

Capping Info.

Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
Shore A Hardness:	60 Durometer	Planeness:	
Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 9/29/2021
PROJECT NO.: 20107183.016
REPORT NO.: 1108
PAGE NO.: 1 of 1
TECHNICIAN: MM

Contractors Working This Date: DNT Constrction

Weather Conditions: Overcast
Ambient Temperature: 70's

Time Arrived at Site: 1000
Time Departed Site: 1100

Date Cylinders Cast: 9/28/2021

Number of Cylinders Made: 5

Cylinder Mark & No.: cstlwd12 56-60

Made By: MM

General Location: Curb Line near Entrance

Cylinder Condition: Satisfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

10/7/21

MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/10/21
PROJECT NO.: 20107183.016
REPORT NO.: 155
PAGE NO.: 1 of 1
TECHNICIAN: JK/ER

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification	Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12[illegible] 36	7	9/17/21	3.99	7.99	12.47	42,510	3410	5
CSTLWD12[illegible] 37	28	10/8/21	4.00	8.02	12.56	51,570	4110	5
CSTLWD12[illegible] 38	28	10/8/21	3.99	7.96	12.50	56,170	4490	2
CSTLWD12[illegible] 39	28	10/8/21	4.00	8.06	12.56	51,570	4110	5
CSTLWD12[illegible] 40	56/Hold	11/05/21						
					28 Day Break Average:		**4240**	

Tech. Information	28 day design (psi):		SPEC:		Consolidation Method:	Rodding
	Location of placement:	75' NW of Branchwood Path and Backwood Pass				
	Type of placement:	Placed by truck; sampled at chute	**30gals water added on site**			
	Weather:	Clear			Air Content (ASTM C 231); %:	N/A
	Ambient Temp (deg. F):	63°F			Slump (ASTM C 143); Inch:	8 1/4"
	CC Temp (ASTM C 1064) (F):	85°F			Unit Weight (ASTM C 138), PCF:	N/A
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:	C1051300
	Truck No.:	812			Ticket No.:	2433587
	Total Ordered (yd^3):	300			Plant No.:	24
	Time Batched:	0205			Time Sampled:	0259
	Concrete as Batched Per Cubic Yard					
	Cement; lbs.:	361.50	Type		Batch Water; gals. :	31.96
	Fly Ash; lbs.:	159.00	Class		Batch Water; lbs.:	265.91
	Aggregate (fine); lbs.:	747.00	3.50	% MST	Admixture; oz.:	26.00
	Aggregate (coarse); lbs:	1,707.00	1.00	% MST	Admixture; oz.:	10.30
	Aggregate (misc); lbs.:	745.00	3.50	% MST	Admixture; oz.:	0.00
	Total Mass Solids; lbs.:	3,719.50			Total Mass Liquids; lbs.:	337.47
	Total Mass of Batch; lbs.:	4,056.97				

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

10/7/21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/10/21
PROJECT NO.: 20107183.016
REPORT NO.: 156
PAGE NO.: 1 of 1
TECHNICIAN: JK/ER

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12	41	7	9/17/21	3.98	7.99	12.40	41,760	3370	2
CSTLWD12	42	28	10/8/21	3.99	8.03	12.50	52,470	4200	2
CSTLWD12	43	28	10/8/21	3.99	8.01	12.50	56,430	4520	2
CSTLWD12	44	28	10/8/21	4.00	7.94	12.56	55,970	4460	2
CSTLWD12	45	56/Hold	11/05/21						
						28 Day Break Average:		**4390**	

Tech. Information	28 day design (psi):		SPEC:		Consolidation Method:	Rodding	
	Location of placement:	Cherry Blossom Lane @ Block 14 Lots 27/28					
	Type of placement:	Placed by truck; sampled at chute	**50gals water added on site**				
	Weather:	Clear			Air Content (ASTM C 231); %:	N/A	
	Ambient Temp (deg. F):	61°F			Slump (ASTM C 143); Inch:	9"	
	CC Temp (ASTM C 1064) (F):	86°F			Unit Weight (ASTM C 138), PCF:		
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:	C1051300	
	Truck No.:	2033			Ticket No.:	2433626	
	Total Ordered (yd^3):	300			Plant No.:	24	
	Time Batched:	0457			Time Sampled:	0558	
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	360.50	Type		Batch Water; gals. :	25.89	
	Fly Ash; lbs.:	154.50	Class		Batch Water; lbs.:	215.38	
	Aggregate (fine); lbs.:	744.00	3.50	% MST	Admixture; oz.:	26.00	
	Aggregate (coarse); lbs:	1,702.00	1.00	% MST	Admixture; oz.:	10.30	
	Aggregate (misc); lbs.:	743.00	3.50	% MST	Admixture; oz.:	0.00	
	Total Mass Solids; lbs.:	3,704.00			Total Mass Liquids; lbs.:	286.71	
	Total Mass of Batch; lbs.:	3,990.71					

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

10/7/21
MLA Geotechnical

Project: Castlewood phases 1, 2 & 3

Location: Taylor , Texas

Client: DNT Construction, LLC

Date Of Report: 10/08/21
Project No.: 20107183.016
Report No.: 170
Page No.: 1 of 2
Technician: RL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Stream Wood Trail																
673	Sta : 2+50 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	139.5	131.9	5.8	100.0	Pass	
674	Sta : 5+00 CTR	SP-584		131.9	8.7	100	105	-	-	1CB	4"	142.2	134.5	5.7	102.0	Pass	
675	Sta : 8+00 RQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	141.2	132.1	6.9	100.2	Pass	
676	Sta : 12+00 CTR	SP-584		131.9	8.7	100	105	-	-	1CB	4"	140.4	132.0	6.4	100.1	Pass	
	Elm Branch Trail																
677	Sta : 9+00 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	142.9	133.9	6.7	101.5	Pass	
678	Sta : 11+00 CTR	SP-584		131.9	8.7	100	105	-	-	1CB	4"	144.8	136.8	5.8	103.7	Pass	
	Red Branch Trail																
679	Sta : 2+00 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	144.2	135.2	6.7	102.5	Pass	
	Peeblesteam Pass																
680	Sta : 20+00 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	144.4	135.0	7.0	102.4	Pass	
681	Sta : 17+00 RQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	143.2	133.1	7.6	100.9	Pass	
	Backwood Pass																
682	Sta : 2+50 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	145.7	137.6	5.9	104.3	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2542
Moisture:	688
Troxler No.:	3440
Serial No.:	78737

INSPECTOR ON SITE: Jeff W/ City Of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Jeff W/ City Of Taylor
FAILURES REPORTED TO: N/a
DENSITIES REQUIRING RETESTING: None

Comments:

MLA Geotechnical 10/11/21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 10/08/21
Project No.: 20107183.016
Report No.: 170
Page No.: 2 of 2
Technician: RL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Cherry Blossem Lane																
683	Sta : 14+50 CTR	SP-584		131.9	8.7	100	105	-	-	1CB	4"	141.8	132.7	6.9	100.6	Pass	
684	Sta : 11+00 RQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	143.2	133.8	7.0	101.4	Pass	
685	Sta : 8+00 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	139.2	132.6	5.0	100.5	Pass	
	Branchwood Path																
686	Sta : 14+00 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	140.8	132.2	6.5	100.2	Pass	
687	Sta : 11+00 RQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	140.5	132.6	6.0	100.5	Pass	
688	Sta : 8+00 CTR	SP-584		131.9	8.7	100	105	-	-	1CB	4"	143.5	135.2	6.1	102.5	Pass	
	Gatehouse Way																
689	Sta : 9+00 CTR	SP-584		131.9	8.7	100	105	-	-	1CB	4"	142.0	134.5	5.6	102.0	Pass	
690	Sta : 6+00 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	141.5	132.6	6.7	100.5	Pass	
691	Sta : 3+00 RQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	141.2	133.2	6.0	101.0	Pass	
	Castle Ridge Way																
692	Sta : 4+00 LQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	145.3	136.4	6.5	103.4	Pass	
693	Sta : 7+00 RQP	SP-584		131.9	8.7	100	105	-	-	1CB	4"	145.2	136.9	6.1	103.8	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	2542
Moisture:	688
Troxler No.:	3440
Serial No:	78737

INSPECTOR ON SITE: Jeff W/ City Of Taylor
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: Jeff W/ City Of Taylor
FAILURES REPORTED TO: N/a
DENSITIES REQUIRING RETESTING: None

Comments:

MLA Geotechnical 10/11/21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/14/21
PROJECT NO.: 20107183.016
REPORT NO.: 160
PAGE NO.: 1 of 1
TECHNICIAN: GL

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12	46	7	9/21/21	3.98	7.99	12.43	47,990	3860	2
CSTLWD12	47	28	10/12/21	3.97	7.96	12.37	64,260	5190	5
CSTLWD12	48	28	10/12/21	3.97	7.99	12.37	65,220	5270	2
CSTLWD12	49	28	10/12/21	3.99	8.00	12.47	66,630	5340	2
CSTLWD12	50	56/Hold	11/09/21						
						28 Day Break Average:		**5270**	

Tech. Information	28 day design (psi):	3600	SPEC:		Consolidation Method:		Rodding
	Location of placement:	Valley gutter off in alley off Cherry Blossom way					
	Type of placement:	Placed by truck; sampled at chute					
	Weather:	Clear			Air Content (ASTM C 231), %:		N/A
	Ambient Temp (deg. F):	72°			Slump (ASTM C 143); Inch:		9"
	CC Temp (ASTM C 1064) (F):	84°			Unit Weight (ASTM C 138), PCF:		N/A
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:		C1051300
	Truck No.:	2032			Ticket No.:		1638238
	Total Ordered (yd^3):	300			Plant No.:		16
	Time Batched:	0159			Time Sampled:		0300
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	362.00	Type		Batch Water; gals. :		18.30
	Fly Ash; lbs.:	155.00	Class		Batch Water; lbs.:		152.26
	Aggregate (fine); lbs.:	867.20	5.75	% MST	Admixture; oz.:		25.80
	Aggregate (coarse); lbs:	1,731.10	1.00	% MST	Admixture; oz.:		10.30
	Aggregate (misc); lbs.:	597.50	5.75	% MST	Admixture; oz.:		0.00
	Total Mass Solids; lbs.:	3,712.80			Total Mass Liquids; lbs.:		256.04
	Total Mass of Batch; lbs.:	3,968.84					

Capping Info.	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

10-13-21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/23/21
PROJECT NO.: 20107183.016
REPORT NO.: 164
PAGE NO.: 1 of 1
TECHNICIAN: JK/ER

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123	51	4	9/27/21	6.02	12.03	28.45	97270	3420	5
CSTLWD123	52	7	9/30/21	6.01	12.05	28.31	115,370	4080	2
CSTLWD123	53	7	9/30/21	6.01	12.03	28.35	116,110	4090	2
CSTLWD123	54	28	10/21/21	6.02	12.02	28.45	141,820	4990	5
CSTLWD123	55	28	10/21/21	6.01	12.00	28.31	146,860	5190	3
						28 Day Break Average:		**5090**	

Tech. Information

28 day design (psi):	3000	SPEC:	3000	Consolidation Method:	Rodding
Location of placement:	Driveway at FM 973 and Streamwood Trail				
Type of placement:	Placed by truck; sampled at chute				
Weather:	Sunny			Air Content (ASTM C 231); %:	1.5%
Ambient Temp (deg. F):	84°F			Slump (ASTM C 143); Inch:	6"
CC Temp (ASTM C 1064) (F):	86°F			Unit Weight (ASTM C 138), PCF:	N/A

Supplier Ticket Information

Supplier:	TexMix			Mix Design Ref.:	DOTCS02
Truck No.:	2034			Ticket No.:	233622
Total Ordered (yd^3):	40			Plant No.:	02
Time Batched:	1307			Time Sampled:	1350
Concrete as Batched Per Cubic Yard					
Cement; lbs.:	571.50	Type		Batch Water; gals. :	23.13
Fly Ash; lbs.:	0.00	Class		Batch Water; lbs.:	192.44
Aggregate (fine); lbs.:	1,446.00	3.00	% MST	Admixture; oz.:	28.80
Aggregate (coarse); lbs:	1,707.00	0.70	% MST	Admixture; oz.:	11.50
Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	0.00
Total Mass Solids; lbs.:	3,724.50			Total Mass Liquids; lbs.:	250.29
Total Mass of Batch; lbs.:	3,974.79				

Capping Info.

Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
Shore A Hardness:	60 Durometer	Planeness:	
Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

10.21.21
MLA Geotechnical

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 10/11/21
Project No.: 20107183.016
Report No.: 171
Page No.:
Technician: WL

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Turn Lane #2																
669	Sta: 5+50	SP-562		131.7	8.9	100.0	-	-	-	2NDCB	4"	145.9	136.6	6.8	103.7	**PASS**	
670	Sta: 2+50	SP-562		131.7	8.9	100.0	-	-	-	2NDCB	4"	144.3	135.4	6.6	102.8	**PASS**	
	Turn Lane #1																
671	Sta: 6+50	SP-562		131.7	8.9	100.0	-	-	-	2NDCB	4"	144.3	135.5	6.5	102.9	**PASS**	
672	Sta: 2+50	SP-562		131.7	8.9	100.0	-	-	-	2NDCB	4"	144.5	135.6	6.6	103.0	**PASS**	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1731
Moisture:	614
Troxler No.:	3430
Serial No.:	24456

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: Superinte N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 10-12-21

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood phases 1, 2& 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 10/11/21
PROJECT NO.: 20107183.016
REPORT NO.: 172
PAGE NO.: 1 of 1
TECHNICIAN: WL

FIELD NOTES:

Contractor Working This Date: DNT
Weather Conditions: SUNNY Ambient Temp.: 80'S
Time Arrived: 1300 Time Departed: 1500
Results Reported To: Efren with DNT

Area Proof Rolled: TURN LANE #1 & #2

Lift Number: 2CB Lift Thickness: 4"
Description of Fill: ROAD BASE PI: N/A
Material Sampled: [ ] Yes [X] No Lab # if Sampled: N/A

Approved Rolling Vehicle Used: Total Gross Weight 38,000+/- Lbs.

[ ] Tandem Axle Dump Truck- Loaded With
[ ] 20-ton Pneumatic Roller
[X] **2,000 gal H20 Truck**

[ ] Contractor preparing material for placement - not yet ready for testing.
[X] **Proof roll passed - very tight - no deflections.**
[ ] Fill placement Complete as of
[ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

10-12-21
MLA Geotechnical

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention.
The results are also subject to modification upon review by supervisory personnel.

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

SOILS MANAGEMENT DAILY REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 10/11/21
PROJECT NO.: 20107183.016
REPORT NO.: 173
PAGE NO.:
TECHNICIAN: WL

Summary of Work: Proof-Roll Observation

Contractors Working This Date: DNT

Weather Conditions: Sunny
Ambient Temperature: 80's

Time Arrived at Project Site: 1300
Time Departed Project Site: 1500

Contractors Representative: Efren
Company: DNT
Area of Focus: See Additional Comments for Locations
Material Description of Sub\Lot Fill at time of Observation: Pale Brown Sandy CL w/ Agg
If Imported, from where: Texas Crushed Stone
Equipment used for Placement: Blade
Equipment used for Moisture Control: 2,000 Gallon Water Truck
Equipment used for Compaction: Flat Wheel Vibratory Roller
Equipment used for Proof Roll: 2,000 Gallon Water Truck
Proof Roll-Pass\Fail: PASS
If fail, please explain: N/A

Results of Inspection Reported to: Efren with DNT
Max Aggregate Allowed: -
Moisture Conditioning Y\N: No
Max Aggregate Observed: -
Organics Present: No
Percent of Job Complete:

Sample Collected ?: No
Lab Number: N/A
Location: Block: N/A
Lot: N/A
Lift: 2CB
Material Description: Pale Brown Sandy CL w/ Agg

Additional Comments:

TURN LANES 1&2

10-12-21
MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 & 2
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 09/28/21
PROJECT NO.: 20107183.016
REPORT NO.: 169
PAGE NO.: 1 of 1
TECHNICIAN: MM

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD123	56	4	10/2/21	6.02	11.91	28.45	121,190	4260	2
CSTLWD123	57	7	10/5/21	6.01	12.02	28.35	126,810	4470	5
CSTLWD123	58	28	10/26/21	6.01	12.14	28.31	153,340	5420	5
CSTLWD123	59	28	10/26/21	6.01	12.16	28.31	145,330	5130	5
CSTLWD123	60	56	10/26/21	6.00	2.18	28.26	143,840	5090	5
							28 Day Break Average:	**5280**	

Tech. Information	28 day design (psi):	3000	SPEC:		Consolidation Method:	Rodding	
	Location of placement:	Driveway at FM 973					
	Type of placement:	Placed by Truck Sampled by Chute					
	Weather:	Clear			Air Content (ASTM C 231); %:	2.5	
	Ambient Temp (deg. F):	78			Slump (ASTM C 143); Inch:	4"	
	CC Temp (ASTM C 1064) (F):	80			Unit Weight (ASTM C 138), PCF:		
Supplier Ticket Information	Supplier:	TexMix			Mix Design Ref.:	Class C/S	
	Truck No.:	828			Ticket No.:	233720	
	Total Ordered (yd^3):	50			Plant No.:	02	
	Time Batched:	9:51			Time Sampled:	10:35	
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	568.50	Type		Batch Water; gals.:	24.23	
	Fly Ash; lbs.:	0.00	Class		Batch Water; lbs.:	201.59	
	Aggregate (fine); lbs.:	1,434.00	2.60	% MST	Admixture; oz.:	28.40	
	Aggregate (coarse); lbs:	1,694.00	0.50	% MST	Admixture; oz.:	11.50	
	Aggregate (misc); lbs.:	0.00	0.00	% MST	Admixture; oz.:	0.00	
	Total Mass Solids; lbs.:	3,696.50			Total Mass Liquids; lbs.:	249.84	
	Total Mass of Batch; lbs.:	3,946.34					

Capping Info.	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

10/27/21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

HMAC Sampling Information

Project: Castlewood Phases 1 & 2
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 10/28/21
Project No.: 20107183.016
Report No.: 174
Page No.: 1 of 1
Technician: RL

Sample #1	Castlebridge Way Sta :		
Location	7+00 LQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2.5"	Lab #	A21-1377
Sample #2	Right Turn Lane Sta :		
Location	4+10 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2.5"	Lab #	A21-1378
Sample #3	Elm branch Trail Sta :		
Location	9+00 LQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2.5"	Lab #	A21-1379
Sample #4	Elm Branch Trail Sta :		
Location	12+50 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2.5"	Lab #	A21-1380
Sample #5	Pebblesstream Pass Sta :		
Location	19+00 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2.5"	Lab #	A21-1381

HMAC Specifications:

Engineer: Luke W. Caraway Seal Date: 10/16/2020
Page(s) of Details: Sheet 95

Comments

Date Laid: 10/25/2021

B. D S 10-29-21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

HMAC Sampling Information

Project: Castlewood phases 1, 2 & 3
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 10/28/21
Project No.: 20107183.016
Report No.:
Page No.: 1 of 1
Technician: RL

Sample #6	Cherry Blossem Ln Sta :		
Location	12+00 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1382
Sample #7	Cherry Blossem Ln Sta :		
Location	5+75 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1383
Sample #8	Streamwood Trail Sta :		
Location	12+00 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1384
Sample #9	Branchwood Pass Sta :		
Location	7+25 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1385
Sample #10	Gatehouse Way Sta :		
Location	3+75 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1386

HMAC Specifications:

Engineer: Luke W. Caraway Seal Date: 10/16/2020
Page(s) of Details: Sheet 95

Comments

Date Laid: 10/25/2021

10-29-21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

HMAC Sampling Information

Project: Castlewood phases 1, 2 & 3
Date: 10/28/21
Project No.: 20107183.016
Location: Taylor, Texas
Report No.:
Page No.: 1 of 1
Client: DNT Construction, LLC
Technician: RL

Sample #11	Gatehouse Way Sta :		
Location	6+75 LQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1387
Sample #12	Brenchwood Path Sta :		
Location	14+00 LQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1388
Sample #13	Streamwood Trail Sta :		
Location	9+00 LQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1389
Sample #14	Backwood Pass Sta :		
Location	3+50 LQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1390
Sample #15	Castlebridge Way Sta :		
Location	4+50 RQP	Paving Contractor	Lone Star Paving
Time of Sampling	N/a	Plant	Harold Green
Temperature	N/a	Mix Design #	Ty-D
Thickness	2 1/2"	Lab #	A21-1391

HMAC Specifications:

Engineer: Luke W. Caraway Seal Date: 10/16/2020
Page(s) of Details: Sheet 95

Comments

Date Laid: 10/25/2021

10-29-21
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Hot Mix Asphalt Concrete Coring Report

Project:	Castlewood phases 1, 2 & 3	Date:	10/28/21
		Project No.:	20107183.016
Location:	Taylor, Texas	Report No.:	235
		Page No.:	1 of 1
Client:	DNT Construction, LLC	Technician:	RL

1.	**Location:**	Castlebridge Way Sta : 7+00 LQP	5.	**Location:**	Pebblesstream Pass Sta : 19+00 RQP
	Core Depth:	4 1/4"		**Core Depth:**	2 3/4"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A21-1377		**Lab No.:**	A21-1381
2.	**Location:**	Right Turn Lane Sta : 4+10 RQP	6.	**Location:**	Cherry Blossem Ln Sta : 12+00 RQP
	Core Depth:	4 1/4"		**Core Depth:**	2 3/4"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A21-1378		**Lab No.:**	A21-1382
3.	**Location:**	Elm branch Trail Sta : 9+00 LQP	7.	**Location:**	Cherry Blossem Ln Sta : 5+75 RQP
	Core Depth:	3"		**Core Depth:**	2 1/2"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A21-1379		**Lab No.:**	A21-1383
4.	**Location:**	Elm Branch Trail Sta : 12+50 RQP	8.	**Location:**	Streamwood Trail Sta : 12+00 RQP
	Core Depth:	2 1/2"		**Core Depth:**	2 3/4"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A21-1380		**Lab No.:**	A21-1384

HMAC Specifications:

Engineer: Luke W. Caraway Seal Date: 10/16/2020

Page(s) of Details: Sheet 95

B. D S 10-29-21

MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Hot Mix Asphalt Concrete Coring Report

Project:	Castlewood phases 1, 2 & 3	Date:	10/28/21
		Project No.:	20107183.016
Location:	Taylor, Texas	Report No.:	
		Page No.:	1 of 1
Client:	DNT Construction, LLC	Technician:	RL

9.	**Location:**	Branchwood Pass Sta : 7+25 RQP	13.	**Location:**	Streamwood Trail Sta : 9+00 LQP
	Core Depth:	2 1/2"		**Core Depth:**	2 1/2"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A21-1385		**Lab No.:**	A21-1389
10.	**Location:**	Gatehouse Way Sta : 3+75 RQP	14.	**Location:**	Backwood Pass Sta : 3+50 LQP
	Core Depth:	3"		**Core Depth:**	2 3/4"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A21-1386		**Lab No.:**	A21-1390
11.	**Location:**	Gatehouse Way Sta : 6+75 LQP	15	**Location:**	Castlebridge Way Sta : 4+50 RQP
	Core Depth:	2 1/2"		**Core Depth:**	4"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A21-1387		**Lab No.:**	A21-1391
12.	**Location:**	Brenchwood Path Sta : 14+00 LQP	16	**Location:**	
	Core Depth:	2 3/4"		**Core Depth:**	
	Depth Required:	2 1/2"		**Depth Required:**	
	Lab No.:	A21-1388		**Lab No.:**	

HMAC Specifications:

Engineer: Luke W. Caraway Seal Date: 10/16/2020

Page(s) of Details: Sheet 95

10-29-21

MLA Geotechnical

Project: Castlewood Phases 1 & 2

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 10/29/21
Project No.: 20107183.016
Report No.: 236
Page No.:
Technician: JL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
673	SSL-D Grade Inlet Sta: 8+69.83	P21-344	24	98.3	20.5	98	102	Opt	+	-2	6"	122.9	98.0	25.4	99.7	Pass	
674	SSL-D Grade Inlet Sta: 8+69.83	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	121.7	97.8	24.4	99.5	Pass	
675	SSL-D Grade Inlet Sta: 8+00	P21-037	32	90.0	24.3	98	102	Opt	+	-1	6"	114.8	88.6	29.6	98.4	Pass	
676	SSL-D Grade Inlet Sta: 6+94.87	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	126.4	99.8	26.7	101.5	Pass	
677	WWL-A Sta: 47+45	P21-344	24	98.3	20.5	98	102	Opt	+	-2	6"	125.3	100.2	25.0	101.9	Pass	
678	WWL-A Sta: 47+45	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	124.1	98.9	25.5	100.6	Pass	
679	WWS Lot 4 & 5 Block K	P21-037	32	90.0	24.3	98	102	Opt	+	-1	6"	115.5	91.2	26.6	101.3	Pass	
680	WWS Lot 8-9 Block K	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	123.1	99.3	24.0	101.0	Pass	
681	WWL-A Manhole Sta: 50+00	P21-344	24	98.3	20.5	98	102	Opt	+	-2	6"	121.3	96.7	25.4	98.4	Pass	
682	WWL-A Manhole Sta: 50+00	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	120.7	98.3	22.8	100.0	Pass	
683	WWL-A Manhole Sta: 45+50	P21-344	24	98.3	20.5	98	102	Opt	+	-2	6"	122.2	97.3	25.6	99.0	Pass	
684	WWL-A Manhole Sta: 45+50	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	125.4	100.1	25.3	101.8	Pass	
685	WS Lot 4 & 5 Block K	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	121.8	97.6	24.8	99.3	Pass	
686	Ws Lot 9 & 10 Block K	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	122.8	100.1	22.7	101.8	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1886
Moisture:	687
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: Superinte N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical B-DS 11-1-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 11/01/21
Project No.: 20107183.016
Report No.: 237
Page No.:
Technician: WL

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
687	WL E BLOCK 14 LOT 33-34	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	121.2	97.4	24.4	99.1	PASS	
688	WL E BLOCK 14 LOT 29 -30	P21-343	35	95.1	24.8	98	102	Opt	+	-1	6"	120.8	96.3	25.4	101.3	PASS	
689	WWS LOT 2-3	P21-343	35	95.1	24.8	98	102	Opt	+	-1	6"	124.3	96.9	28.3	101.9	PASS	
690	STORM L E STA 12	P21-343	35	95.1	24.8	98	102	Opt	+	-1	6"	121.6	96.6	25.9	101.6	PASS	
691	WW L A 44+25	P21-344	24	98.3	20.5	98	102	Opt	+	-2	6"	125.7	96.8	29.9	98.5	PASS	
692	WW L A 44+25	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	129.4	97.1	33.3	98.8	PASS	
693	STORM L E STA 10+00	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	125.7	97.5	28.9	99.2	PASS	
694	WL E STA 14+5	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	122.1	97.4	25.4	99.1	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D69 3817
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1731
Moisture:	612
Troxler No.:	3430
Serial No.:	24456

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical B. DS 11-3-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 11/16/21
Project No.: 20107183.016
Report No.: 238
Page No.:
Technician: KP

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Elm Branch Parkway																
965	Electric Lots 7/8	P21-343	35	95.1	24.8	98	102	Opt	+	-1	6"	122.5	97.0	26.3	102.0	PASS	
966	Electric Lots 3/4	P21-343	35	95.1	24.8	98	102	Opt	+	-1	6"	120.8	94.1	28.4	98.9	PASS	
	Cherry Blossom																
967	Electric Lots 33/34	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	124.2	96.5	28.7	98.2	PASS	
968	Electric Lots 8/9	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	120.4	97.6	23.4	99.3	PASS	
	BackWood Pass																
969	Electric Lots 6a/7b	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	122.1	97.2	25.6	98.9	PASS	
	BranchWood Path																
970	Electric Lots 1/2	P21-344	24	98.3	20.5	98	102	Opt	+	-1	6"	122.0	96.5	26.4	98.2	PASS	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1890
Moisture:	609
Troxler No.:	3430
Serial No.:	32275

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical BDF 11-17-21

Project: Castlewood phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 12/17/21
Project No.: 20107183.016
Report No.: 239
Page No.:
Technician: JK

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
971	Branchwood @ Sta: 3+00	P21-039	17	110.0	15.3	98	102	Opt	+	SUB	6"	128.6	109.5	17.4	99.5	PASS	
972	Asher @ Sta: 1+75	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	6"	121.9	100.1	21.8	101.8	PASS	
973	Elm Branch @ Sta: 6+00	P21-039	17	110.0	15.3	98	102	Opt	+	SUB	6"	127.1	108.2	17.5	98.4	PASS	
974	Elm Branch @ Sta: 2+00	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	6"	122.2	100.1	22.1	101.8	PASS	
975	Backwood @ Sta: 12+00	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	6"	121.5	99.0	22.7	100.7	PASS	
976	Backwood @ Sta: 9+00	P21-345	18	103.8	15.6	98	102	Opt	+	SUB	6"	121.8	105.1	15.9	101.3	PASS	
977	Backwood @ Sta: 6+00	P21-345	18	103.8	15.6	98	102	Opt	+	SUB	6"	121.4	102.6	18.3	98.8	PASS	
978	Backwood @ Sta: 3+00	P21-345	18	103.8	15.6	98	102	Opt	+	SUB	6"	120.6	104.2	15.7	100.4	PASS	
979	Alley 1 @ Sta: 2+50	P21-344	24	98.3	20.5	98	102	Opt	+	SUB	6"	122.7	99.8	22.9	101.5	PASS	
980	Cherry Blossom @ Sta: 3+00	P21-039	17	110.0	15.3	98	102	Opt	+	SUB	6"	128.8	111.5	15.5	101.4	PASS	
															\		

NOTES:
*Standard: City of Taylor
Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1639
Moisture:	669
Troxler No.:	3430
Serial No.:	32275

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical B. D S 12-20-21

MLA Geotechnical "put us to the test"

A Division of MLA Labs, Inc.

Report of Hot Mix Asphalt Concrete Test

Project Castlewood phases 1, 2 & 3 **Date:** 12/23/2021

Location: Taylor, Texas **Project #:** 20107183.016

Client: DNT Construction, LLC **Lab #:** A21-1377 to A21-1391

Page: 1 of 2 **Report #s:** 174-235*

Plant: Harold Green Asphalt Plant Mix Design #: HG-OMT-D-R20-64-22 Sampled by: Lonestar Paving

Gradation, Stability and Asphalt Content of bulk samples (TEX 200F, 208F and 236F)

Sample #:	A21-1377	A21-1378	A21-1379	A21-1380	A21-1381	A21-1382	A21-1383	A21-1384
Date Laid:	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021
Time Sampled:	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Mix Temperature:	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
%Passing the #8 sieve:	41.0	38.8	38.2	39.4	37.2	38.5	38.6	38.6
%Passing the #200 sieve:	5.1	4.9	4.9	5.0	4.9	4.9	4.9	4.9
%Asphalt content:	5.2	5.1	5.0	5.0	5.0	5.2	5.0	5.0
Hveem Stability:	57	57	56	57	58	56	61	61

Sample #:	A21-1385	A21-1387	A21-1388	A21-1389	A21-1390	A21-1391			
Date Laid:	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021			
Time Sampled:	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
Mix Temperature:	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Average	Mix Design	Tolerance[1]
%Passing the #8 sieve:	37.5	35.0	36.3	37.0	37.2	37.9	37.9	39.5	(+/-5.0)
%Passing the #200 sieve:	4.7	4.5	4.8	4.8	4.7	4.6	4.8	4.5	(+/-2.0)
%Asphalt content:	5.0	4.8	5.3	4.8	5.0	5.0	5.0	4.7	(+/-0.3)
Hveem Stability:	60	60	60	59	53	54	58	N/A	>35

Bulk sample & Core locations:

	A21-1377	Core #1	Castlebridge Way Sta : 7+00 LQP
	A21-1378	Core #2	Right Turn Lane Sta : 4+10 RQP
	A21-1379	Core #3	Elm branch Trail Sta : 9+00 LQP
	A21-1380	Core #4	Elm Branch Trail Sta : 12+50 RQP
	A21-1381	Core #5	Pebblesstream Pass Sta : 19+00 RQP
	A21-1382	Core #6	Cherry Blossem Lane Sta : 12+00 RQP
	A21-1383	Core #7	Cherry Blossem Lane Sta : 5+75 RQP
	A21-1384	Core #8	Streamwood Trail Sta : 12+00 RQP
	A21-1385	Core #9	Branchwood Pass Sta : 7+25 RQP
**	A21-1386	Core #10	Gatehouse Way Sta : 3+75 RQP
	A21-1387	Core #11	Gatehouse Way Sta : 6+75 LQP
	A21-1388	Core #12	Brenchwood Path Sta : 14+00 LQP
	A21-1389	Core #13	Streamwood Trail Sta : 9+00 LQP
	A21-1390	Core #14	Backwood Pass Sta : 3+50 LQP
	A21-1391	Core #15	Castlebridge Way Sta : 4+50 RQP

Comments: [1] Per Tx-Dot Standard Specifications and Details Item 340, latest version.

* This is a summary sheet of reports 174 through 235

** A21-1386 Core only, No bulk sample found on site.

Reviewed By: 12.23.21

MLA Labs, Inc.

MLA Geotechnical "put us to the test"

A Division of MLA Labs, Inc.

Report of Hot Mix Asphalt Concrete Test

Project Castlewood phases 1, 2 & 3 **Date:** 12/23/2021

Location: Taylor, Texas **Project #:** 20107183.016

Client: DNT Construction, LLC **Lab #:** A21-1377 to A21-1391

Page: 2 of 2 **Report #s:** 174-235*

Plant: Harold Green Asphalt Plant Mix Design #: HG-OMT-D-R20-64-22 Sampled by: Lonestar Paving

Thickness and density of cores and density of lab molded specimens (biscuits)
(TEX 206F, 207F, 227F and ASTM-D-1559)

Core #:	1	2	3	4	5
Core bulk specific gravity:	2.376	2.416	2.371	2.391	2.429
Lab specific gravity (Rice):	2.553	2.551	2.553	2.558	2.559
Field Core Density:	93.1%	94.7%	92.9%	93.5%	95.0%
CoreThickness (2.50 Inches):	-	-	3.08	2.53	2.62
CoreThickness (3.50 Inches):	**4.38**	**4.40**	-	-	-

Core #:	6	7	8	9	10
Core bulk specific gravity:	2.398	2.410	2.374	2.349	2.412
Lab specific gravity (Rice):	2.558	2.561	2.564	2.565	2.560
Field Core Density:	93.7%	94.1%	92.6%	91.6%	94.2%
CoreThickness (2.50 Inches):	2.76	2.62	2.77	2.63	3.01
CoreThickness (3.50 Inches):	-	-	-	-	-

Core #:	11	12	13	14	15		
Core bulk specific gravity:	2.435	2.395	2.387	2.427	2.391		
Lab specific gravity (Rice):	2.562	2.561	2.563	2.558	2.568	Average	Specification[1]
Field Core Density:	95.0%	93.5%	93.1%	94.9%	93.1%	93.7%	91.5 to 96.2%
CoreThickness (2.50 Inches):	2.53	2.73	2.62	2.94	-	2.74	**2.50"**
CoreThickness (3.50 Inches):	-	-	-	-	**3.98**	**4.25**	**3.50"**

Biscuit sample ID:	A21-1377	A21-1378	A21-1379	A21-1380	A21-1381	A21-1382	A21-1383	A21-1384
Biscuit density:	97.3%	97.4%	97.3%	97.1%	97.2%	97.2%	97.1%	97.2%

Biscuit sample ID:	A21-1385	A21-1387	A21-1388	A21-1389	A21-1390	A21-1391	Average	Specification[1]
Biscuit density:	96.9%	97.0%	97.0%	97.3%	97.2%	97.0%	97.2%	95.5 to 97.5%

Comments: [1] Per Tx-Dot Standard Specifications and Details Item 340, latest version.
* This is a summary sheet of reports 174 through 235
** A21-1386 Core only, No bulk sample found on site.

Reviewed By: 12.23.21
MLA Labs, Inc.

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood phases 1, 2 & 3

LOCATION: Taylor, Texas

CLIENT: DNT Construction, LLC

DATE OF REPORT: 01/04/22
PROJECT NO.: 20107183.016
REPORT NO.: 2610
PAGE NO.: 1 of 1
TECHNICIAN: MM

FIELD NOTES:

Contractor Working This Date: DNT

Weather Conditions: Clear | Ambient Temp.: 60's

Time Arrived: 1500 | Time Departed: 1530

Results Reported To: Contractor

Area Proof Rolled: Phase 2 Streets

Backwood Pass, Gatehouse Way, Branchwood Path, Asher Way, Cherry Blossom Way, Elm Branch Trail

Lift Number: Subgrade | Lift Thickness: 12"

Description of Fill: Brown Clay | PI:

Material Sampled: [ ] Yes [ ] No | Lab # if Sampled:

Approved Rolling Vehicle Used: Total Gross Weight 28,000+/- Lbs.

[ ] Tandem Axle Dump Truck- Loaded With

[ ] 20-ton Pneumatic Roller [X] 2,000 gal H20 Truck

[ ] Contractor preparing material for placement - not yet ready for testing.

[X] Proof roll passed - very tight - no deflections.

[ ] Fill placement Complete as of

[ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

B. D. S 1-6-22

MLA Geotechnical

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention. The results are also subject to modification upon review by supervisory personnel.

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

SOILS MANAGEMENT DAILY REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 01/04/22
PROJECT NO.: 201071 8.016
REPORT NO.: 241
PAGE NO.:
TECHNICIAN: MM

Summary of Work: Proof-Roll Observation

Contractors Working This Date: DNT

Weather Conditions: Clear
Ambient Temperature: 60's

Time Arrived at Project Site: 1500
Time Departed Project Site: 1530

Contractors Representative: Efren
Company: DNT
Area of Focus: Phase 2 Streets
Material Description of Sub\Lot Fill at time of Observation: Brown Clay
If Imported, from where:

Equipment used for Placement: Blade
Equipment used for Moisture Control: 2,000 Gallon Water Truck
Equipment used for Compaction: Flat Wheel Vibratory Roller
Equipment used for Proof Roll: 2,000 Gallon Water Truck

Proof Roll-Pass\Fail: PASS
If fail, please explain: N/A

Results of Inspection Reported to: Efren with DNT
Max Aggregate Allowed: -
Moisture Conditioning Y\N: No
Max Aggregate Observed: -
Organics Present: No
Percent of Job Complete:

Sample Collected ?: No
Lab Number: N/A
Location: Block: N/A
Lot: N/A
Lift: Subgrade
Material Description: Brown Clay

Additional Comments:

Back Wood Pass, Gatehouse Way, BranchWood Path, Asher Way, Cherry Blossom Way, Elm Branch Trail

1-6.22
MLA Geotechnical

Project: Castlewood Phases 1 , 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 01/13/22
Project No.: 20107183.016
Report No.: 242
Page No.:
Technician: JL

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Blazed Trl.																
981	Sta: 1+50	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	144.4	136.3	5.9	100.4	Pass	
	Backwood Pass																
982	Sta: 5+50	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	145.8	136.0	7.2	100.2	Pass	
983	Sta: 9+00	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	147.7	135.9	8.7	100.1	Pass	
984	Sta: 12+50	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	148.2	136.2	8.8	100.4	Pass	
	Branch Trl.																
985	Sta: 2+00	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	146.2	135.7	7.7	100.0	Pass	
986	Sta: 5+50	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	145.8	137.5	6.0	101.3	Pass	
	Cherry Blossum																
987	Sta: 5+00	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	145.4	135.8	7.1	100.1	Pass	
988	Sta: 2+50	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	144.7	135.9	6.5	100.1	Pass	
	Branchwood Path																
989	Sta: 2+00	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	145.4	136.9	6.2	100.9	Pass	
990	Sta: 4+50	TCS-332		135.7	6.7	100	105	-	-	1st/cb	2"	143.8	136.2	5.6	100.4	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1814
Moisture:	612
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 1-14-22

Project: Castlewood Phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 01/17/22
Project No.: 20107183.016
Report No.: 243
Page No.:
Technician: JL

MLA Geotechnical — "put us to the test" — A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Blazed Trl.																
991	Sta: 1+50	TCS-332		135.7	6.7	100	105	-	-	2nd/cb	4"	143.7	136.2	5.5	100.4	Pass	
	Backwood Pass																
992	Sta: 5+50	TCS-332		135.7	6.7	100	105	-	-	2nd/cb	4"	142.7	135.8	5.1	100.1	Pass	
993	Sta: 9+00	TCS-332		135.7	6.7	100	105	-	-	2nd/cb	4"	147.8	138.2	6.9	101.8	Pass	
994	Sta: 12+50	TCS-332		135.7	6.7	100	105	-	-	2nd/cb	4"	144.2	136.6	5.6	100.7	Pass	
	Branch Trl.																
995	Sta: 2+00	TCS-332		135.7	6.7	100	105	-	-	2nd/cb	4"	147.2	138.3	6.4	101.9	Pass	
996	Sta: 5+50	TCS-332		135.7	6.7	100	105	-	-	2nd/cb	4"	143.0	137.3	4.2	101.2	Pass	
	Cherry Blossum																
997	Sta: 5+00	TCS-592		130.8	8.8	100	105	-	-	2nd/cb	4"	141.0	131.9	6.9	100.8	Pass	
998	Sta: 2+50	TCS-592		130.8	8.8	100	105	-	-	2nd/cb	4"	141.8	131.5	7.8	100.5	Pass	
	Branchwood Path																
999	Sta: 2+00	TCS-592		130.8	8.8	100	105	-	-	2nd/cb	4"	139.6	131.6	6.1	100.6	Pass	
1000	Sta: 4+50	TCS-592		130.8	8.8	100	105	-	-	2nd/cb	4"	141.1	132.2	6.7	101.1	Pass	
	Alley																
1001	Middle	TCS-592		130.8	8.8	100	105	-	-	2nd/cb	4"	142.3	133.1	6.9	101.8	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1813
Moisture:	613
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical BDS 1-18-22

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

BASE DEPTH CHECK REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 1-17-22
PROJECT NO.: 20107183.016
REPORT NO.: 244
PAGE NO.:
TECHNICIAN: JL

Summary of Work: Base Depth Check

Contractors Working This Date: DNT

Weather Conditions: Clear
Ambient Temperature: 60's

Time Arrived at Project Site: 1230
Time Departed Project Site: 1400

Base Depth Check Testing Results

Location	Actual Depth	Required Depth	Method of Observation	Comments
Backwoods Pass Sta: 5+50	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Backwoods Pass Sta: 9+00	9"	8 1/2"	Bullprick/Tape	Pass
Backwoods Pass Sta: 12+50	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Blazed Trl. Sta: 1+50	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Branch Trl. Sta: 2+00	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Branch Trl. Sta: 5+50	9"	8 1/2"	Bullprick/Tape	Pass
Cherry Blossum Sta: 5+00	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Cherry Blossum Sta: 2+00	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Branchwood Path Sta: 2+00	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Branchwood Path Sta: 4+50	8 1/2"	8 1/2"	Bullprick/Tape	Pass
Alley	6 1/2"	6 1/2"	Bullprick/Tape	Pass

Notes:

1-18-22

MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

PROOF-ROLL REPORT

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 01/17/22
PROJECT NO.: 20107183.016
REPORT NO.: 245
PAGE NO.: 1 of 1
TECHNICIAN: JL

FIELD NOTES:

Contractor Working This Date: DNT
Weather Conditions: Clear | Ambient Temp.: 60's
Time Arrived: 1230 | Time Departed: 1400
Results Reported To: Efren

Area Proof Rolled: All Streets & Alley

Lift Number: 2nd/cb | Lift Thickness: N/A
Description of Fill: TCS Base | PI: N/A
Material Sampled: [ ] Yes [X] No | Lab # if Sampled: N/A

Approved Rolling Vehicle Used: Total Gross Weight 20,000+ Lbs.

[ ] Tandem Axle Dump Truck- Loaded With
[ ] 20-ton Pneumatic Roller
[X] 2,000 gal H20 Truck

[ ] Contractor preparing material for placement - not yet ready for testing.
[X] Proof roll passed - very tight - no deflections.
[ ] Fill placement Complete as of _____
[ ] Proof Roll Failed -Recompaction and Re-testing Required.

Comments:

1-18-22
MLA Geotechnical

Note: The items noted above are preliminary and do not necessarily include all of the items needing attention.
The results are also subject to modification upon review by supervisory personnel.

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

SOILS MANAGEMENT DAILY REPORT

PROJECT: Castlewood phases 12 &3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 01/17/22
PROJECT NO.: 20107183.016
REPORT NO.: 2446
PAGE NO.:
TECHNICIAN: JL

Summary of Work: Dens. Depth Checks, & Proofrolls

Contractors Working This Date: DNT

Weather Conditions: Clear
Ambient Temperature: 60's

Time Arrived at Project Site: 1230
Time Departed Project Site: 1400

Contractors Representative: Efren
Company: DNT
Area of Focus: All Streets
Material Description of Sub\Lot Fill at time of Observation: TCS Base
If Imported, from where:
Equipment used for Placement: Blade
Equipment used for Moisture Control: 2,000 Gallon Water Truck
Equipment used for Compaction: Flatwheel Roller
Equipment used for Proof Roll: 2,000 Gallon Water Truck
Proof Roll-Pass\Fail: Pass
If fail, please explain:

Results of Inspection Reported to: Efren
Max Aggregate Allowed:
Max Aggregate Observed:
Percent of Job Complete:
Moisture Conditioning Y\N:
Organics Present:

Sample Collected ?:
Lab Number:
Location: Block:
Lot:
Lift:
Material Description:

Additional Comments:

B. DS 1-18-22
MLA Geotechnical

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Cylinder Pick-Up

PROJECT: Castlewood phases 1, 2 & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE OF REPORT: 1/27/2022
PROJECT NO.: 20107 18 3 16
REPORT NO.: 248
PAGE NO.: 1of 1
TECHNICIAN: HL/AA

Contractors Working This Date: ND

Weather Conditions: Clear
Ambient Temperature: 57°

Time Arrived at Site: 11:00
Time Departed Site: 12:00

Date Cylinders Cast: 1/22/2022

Number of Cylinders Made: 5

Cylinder Mark & No.: CSTLWD12 61-65

Made By: RL

General Location: Alley way 1 Sta 1+00

Cylinder Condition: Satisfactory

*The above mentioned cylinders were transported to our laboratory in satisfactory conditon.

Test results to follow prescribed curing times.

1.28.22
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

REPORT OF CONCRETE TESTING

PROJECT: Castlewood Phases 1 2, & 3
LOCATION: Taylor, Texas
CLIENT: DNT Construction, LLC

DATE CAST: 01/22 22
PROJECT NO.: 20107183.016
REPORT NO.: 247
PAGE NO.: 1 of 1
TECHNICIAN: RL

RESULTS OF STRENGTH TEST (ASTM C-39/ C 39M-17b)

Sample Identification		Day Tested	Date Tested	Diameter (inches)	Length (inches)	Cross-sectional area (in^2)	Maximum Load (lb-F)	Compressive Strength (psi)	Type of Fracture
CSTLWD12	61	7	1/29/22	3.99	8.02	12.50	51,120	4090	2
CSTLWD12	62	28	2/19/22	3.99	8.16	12.50	66,810	5350	2
CSTLWD12	63	28	2/19/22	3.99	7.97	12.50	66,820	5350	2
CSTLWD12	64	28	2/19/22	3.99	7.94	12.47	64,380	5160	2
CSTLWD12	65	56/Hold	03/19/22						
						28 Day Break Average:		**5290**	

Tech. Information	28 day design (psi):	3000	SPEC:		Consolidation Method:		Rodding
	Location of placement:	Alley Way 1 Sta 1+00 - 5+50 Between Branchwood Path & Gatehouse Way					
	Type of placement:	Placed By Truck Sampled At Chute					
	Weather:	Clear Skies			Air Content (ASTM C 231); %:		
	Ambient Temp (deg. F):	70s			Slump (ASTM C 143); Inch:		5 3/4"
	CC Temp (ASTM C 1064) (F):	63°			Unit Weight (ASTM C 138), PCF:		
Supplier Ticket Information	Supplier:	Tex Mix			Mix Design Ref.:		1051000
	Truck No.:	2035			Ticket No.:		2443979
	Total Ordered (yd^3):	150.00 YD			Plant No.:		24
	Time Batched:	1010			Time Sampled:		1045
	Concrete as Batched Per Cubic Yard						
	Cement; lbs.:	517.50	Type		Batch Water; gals. :		21.70
	Fly Ash; lbs.:	0.00	Class		Batch Water; lbs.:		180.54
	Aggregate (fine); lbs.:	769.00		4.13	% MST	Admixture; oz.:	26.00
	Aggregate (coarse); lbs:	1,679.00		1.20	% MST	Admixture; oz.:	0.00
	Aggregate (misc); lbs.:	764.00		3.43	% MST	Admixture; oz.:	0.00
	Total Mass Solids; lbs.:	3,729.50			Total Mass Liquids; lbs.:		260.28
	Total Mass of Batch; lbs.:	3,989.78					

Capping Info	Unbonded Standard:	ASTM C 1231M-15	Sulfur Cap Standard:	ASTM C 617M-15
	Cap Supplier:	Humboldt Manufacturing	Cap Thickness:	
	Shore A Hardness:	60 Durometer	Planeness:	
	Range (psi):	2500 to 7000		

Note: Cylinders prepared per ASTM C 31 with molds conforming to ASTM C 470

2-21-22
MLA Geotechnical

Project: Castlewood Phases 1, 2 & 3

Location: Taylor, Texas

Client: DNT Construction, LLC

Date Of Report: 02/17/22
Project No.: 20107183.016
Report No.: 249
Page No.:
Technician: JL

MLA Geotechnical "put us to the test" A Division of MLA Labs, Inc.

TBPE Firm # F-2684

No.	Test Location	Proctor Information				Requirements*				Testing Results							Comments
		MD #	PI	Opt Dens	Opt Moist	Min Dens	Max Dens	Min Moist	Max Moist	Lift #	PD	Wet Dens	Dry Dens	Moist %	Dens %	Pass	
	Backwood Pass																
1002	Sta: 1+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	146.0	131.3	11.2	100.8	Pass	
1003	Sta: 4+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	145.2	134.7	7.8	103.4	Pass	
1004	Sta: 7+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	144.8	134.7	7.5	103.4	Pass	
1005	Sta: 10+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	142.9	132.5	7.8	101.7	Pass	
	Asher Way																
1006	Sta: 1+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	142.0	131.5	8.0	100.9	Pass	
	Elm Branch Trl.																
1007	Sta: 2+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	142.5	132.9	7.2	102.0	Pass	
1008	Sta: 5+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	139.0	131.7	5.5	101.1	Pass	
1009	Sta: 7+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	138.9	132.2	5.1	101.5	Pass	
	Cherry Blossom Ln.																
1010	Sta: 5+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	140.5	132.1	6.4	101.4	Pass	
1011	Sta: 2+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	143.3	134.2	6.8	103.0	Pass	
	Branch Wood																
1012	Sta: 2+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	138.7	131.2	5.7	100.7	Pass	
1013	Sta: 5+00	TCS-594		130.3	7.6	100	105	-	-	3cb/f	2"	139.2	130.4	6.7	100.1	Pass	

NOTES:

*Standard: City of Taylor

Test Results apply only at the locations tested.
MLA Geotechnical did not monitor the fill operation.
Test Method: Nuclear, ASTM D6938-17
Direct Transmission @ Depth unless noted otherwise
Density values are in pounds per cubic foot

Troxler Information

Standard Count Density:	1905
Moisture:	604
Troxler No.:	3430
Serial No.:	32019

INSPECTOR ON SITE: No Inspector On Site
MUNICIPALITY: City of Taylor
TESTS APPROVED BY: No Inspector On Site
FAILURES REPORTED TO: N/A
DENSITIES REQUIRING RETESTING: N/A

Comments:

MLA Geotechnical 2.10.22

MLA "put us to the test" Geotechnical
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

HMAC Sampling Information

Project: Castlewood phases 1, 2 & 3
Location: Taylor, Texas
Client: DNT Construction, LLC

Date: 03/02/22
Project No.: 20107183.016
Report No.: 250
Page No.: 1 of 1
Technician: HL

Sample #1	Cherry Blossom Ln Sta:		
Location	3+00 LQP	Paving Contractor	Lonestar
Time of Sampling	N/A	Plant	Ronald Reagan
Temperature	N/A	Mix Design #	Typ D COA
Thickness	2 1/2"	Lab #	A22-251
Sample #2	Branchwood Path Sta:		
Location	2+75 RQP	Paving Contractor	Lonestar
Time of Sampling	N/A	Plant	Ronald Reagan
Temperature	N/A	Mix Design #	Typ D COA
Thickness	2 1/2"	Lab #	A22-252
Sample #3	Elm Branch Trl Sta:		
Location	6+00 LQP	Paving Contractor	Lonestar
Time of Sampling	N/A	Plant	Ronald Reagan
Temperature	N/A	Mix Design #	Typ D COA
Thickness	2 1/2"	Lab #	A22-253
Sample #4	Backwood Pass Sta:		
Location	11+50 RQP	Paving Contractor	Lonestar
Time of Sampling	N/A	Plant	Ronald Reagan
Temperature	N/A	Mix Design #	Typ D COA
Thickness	2 1/2"	Lab #	A22-254
Sample #5	Backwood Pass Sta:		
Location	8+75 LQP	Paving Contractor	Lonestar
Time of Sampling	N/A	Plant	Ronald Reagan
Temperature	N/A	Mix Design #	Typ D COA
Thickness	2 1/2"	Lab #	A22-255

HMAC Specifications:

Engineer: Dexter Bacon Seal Date: 4/27/2020
Page(s) of Details: Pg 8 under Geotech Report

Comments

Date Laid: 3/1/2022

3-3-22
MLA Geotechnical

MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

TBPE Firm # F-2684

Hot Mix Asphalt Concrete Coring Report

Project:	Castlewood phases 1, 2 & 3	Date:	03/02/22
		Project No.:	20107183.016
Location:	Taylor, Texas	Report No.:	271
		Page No.:	1 of 1
Client:	DNT Construction, LLC	Technician:	HL

		Cherry Blossom Ln			Backwood Pass
1.	**Location:**	Sta: 3+00 LQP	5.	**Location:**	Sta: 8+75 LQP
	Core Depth:	2 1/2"		**Core Depth:**	2 3/4"
	Depth Required:	2 1/2"		**Depth Required:**	2 1/2"
	Lab No.:	A22-251		**Lab No.:**	A22-255
		Branchwood Path			
2.	**Location:**	Sta: 2+75 RQP	6.	**Location:**	
	Core Depth:	2 1/2"		**Core Depth:**	
	Depth Required:	2 1/2"		**Depth Required:**	
	Lab No.:	A22-252		**Lab No.:**	
		Elm Branch Trl			
3.	**Location:**	Sta: 6+00 LQP	7.	**Location:**	
	Core Depth:	2 1/2"		**Core Depth:**	
	Depth Required:	2 1/2"		**Depth Required:**	
	Lab No.:	A22-253		**Lab No.:**	
		Backwood Pass			
4.	**Location:**	Sta: 11+50 RQP	8.	**Location:**	
	Core Depth:	2 3/8"		**Core Depth:**	
	Depth Required:	2 1/2"		**Depth Required:**	
	Lab No.:	A22-254		**Lab No.:**	

HMAC Specifications:

Engineer: Dexter Bacon Seal Date: 4/27/2020

Page(s) of Details: Pg 8 Under Geotech Report

3-3-22

MLA Geotechnical

MLA Geotechnical "put us to the test"

A Division of MLA Labs, Inc.

June 28, 2021

DNT Construction, LLC
2300 Picadilly Drive
Round Rock, Texas 78664
Attn.: Mr. John Migl, Jr. P.E.

Re: Street Subgrade Testing Summary
Castlewood phases 1, 2 & 3
Taylor, Texas
Engineering Job No.: 20107183.016

Dear Mr. John Migl, Jr. P.E.;

Per your request, MLA Geotechnical has performed a visual inspection of the subgrade material for the above-mentioned project. All material found in all streets cut to subgrade conform to the findings of the geotechnical report for the pavement design of the project. As such, the pavement design for the project as found in the plans governing the project sealed by Kimley-Horn, Luke Caraway, P.E., dated October 16, 2020; TDI Engineering, Matthew Morhardt, P.E., dated April 29, 2020, is considered valid and summarized below:

TABLE 1: Pavement Design

Street	ROW Width	Lime Stabilized Subgrade	Crushed Limestone Base	HMAC
Castlebridge Way	70'	8.0"	14.0"	3.5"
Backwood Pass	50'	8.0"	9.0"	2.5"
Gatehouse Way	50'	8.0"	9.0"	2.5"
Branchwood Path	50'	8.0"	9.0"	2.5"
Pebblestream Pass	50'	8.0"	9.0"	2.5"
Cherry Blossom Lane	50'	8.0"	9.0"	2.5"
Elm Branch Trail	50'	8.0"	9.0"	2.5"
Streamwood Trail	50'	8.0"	9.0"	2.5"
Asher Way	50'	8.0"	9.0"	2.5"
Red Branch Road	50'	8.0"	9.0"	2.5"

Thank you for the opportunity to be of continued service. Should different soils conditions be encountered, please contact us at 512-873-8899.

Sincerely,

MLA Geotechnical TBPE FIRM # F-2684
Geotechnical Engineering and Construction Materials Testing
"put us to the test"

Timothy R. Weston, P. E.
President
6/29/21

STATE OF TEXAS
TIMOTHY R. WESTON
87938
LICENSED
PROFESSIONAL ENGINEER

Attached: Photos of Test Pits (6)
General Notes (1)


Castlewood phases 1, 2
& 3 Subgrade
Investigation
1

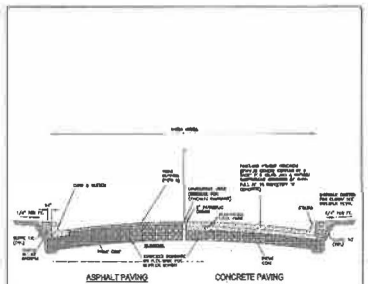

Castlewood Phases 1 & 2
Subgrade Investigation
2


Castlewood Phases 1 & 2
Subgrade Investigation
3


Castlewood phases 1, 2 &
3 Subgrade Investigation
4

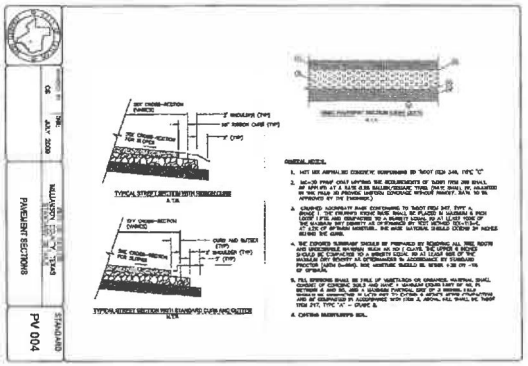

Castlewood phases 1, 2 &
3 Subgrade Investigation
5

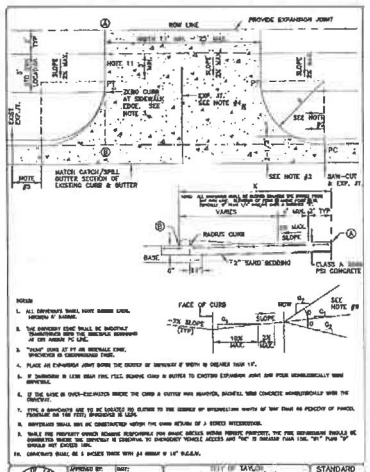

Castlewood Phases 1 & 2
Subgrade Investigation
6



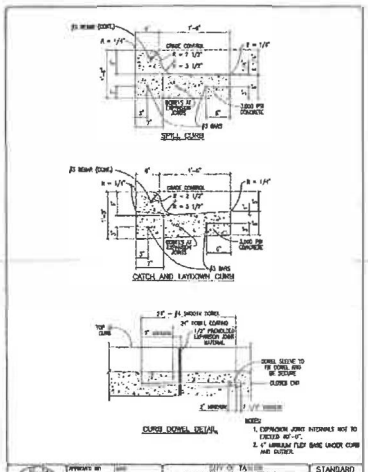
NOTE:
1. REFER TO GEOTECH REPORT FOR CONCRETE REQUIREMENTS

CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS
STANDARD DETAILS
TYPICAL STREET SECTION DETAIL W/ STANDARD CURB & GUTTER
STANDARD PV 002



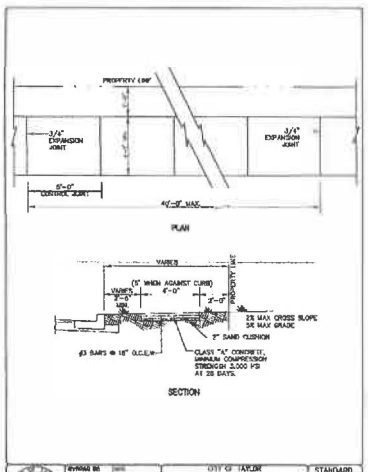


CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS
STANDARD DETAILS
DRIVEWAY DETAIL
STANDARD PV 005

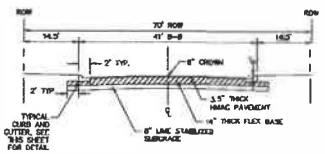


NOTES:
1. EXPANSION JOINT INTERVALS NOT TO EXCEED 40'-0".
2. 4" MINIMUM FLEX BASE UNDER CURB AND GUTTER.

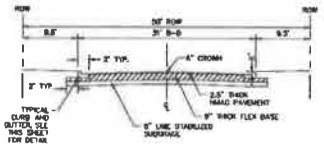
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS
STANDARD DETAILS
STANDARD CURB AND GUTTER DETAIL
STANDARD PV 007



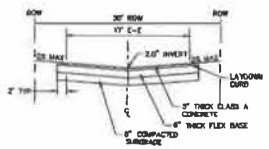
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS
STANDARD DETAILS
SIDEWALK DETAILS
STANDARD PV 006



PARABOLIC COLLECTOR STREET SECTION
NTS



PARABOLIC LOCAL STREET SECTION
NTS



RESIDENTIAL ALLEY SECTION
NTS

BENCHMARKS

IRON ROD SET IN AS PAVT
DRIVE IN MDF IN N.O.W. OF
@ SPLICEVIEW

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
2600 VIA FORTUNA TERRACE, SUITE 300, AUSTIN, TX 78746
PHONE: 512-646-2237
TEXAS REGISTERED ENGINEERING FIRM F-928

STATE OF TEXAS
LUKE W. CARAWAY
125877
LICENSED
PROFESSIONAL ENGINEER
10/19/2020

NO.	REVISIONS	DATE	BY

KHA PROJECT 018278800
DATE JANUARY 2020
SCALE: AS SHOWN
DESIGNED BY: WBL/DM
DRAWN BY: DM/WB
CHECKED BY: LC

PAVING DETAILS (1 OF 2)

CASTLEWOOD SINGLE FAMILY PHASE 1 & 2
CITY OF TAYLOR
WILLIAMSON COUNTY, TEXAS

SHEET NUMBER
95 OF 107

Revised By:Hansen, Matthew Date:October 15, 2020 04:23:26pm File Path:K:\SAU_Civil\018278800 Castlewood Single Family\Civil\Plan Sheets\1C-Paving Details.dwg
This electronic data is the property of Kimley-Horn and Associates, Inc. and is not to be used for any purpose not specifically authorized in writing by Kimley-Horn and Associates, Inc. Unauthorized reuse, modification, and/or transfer to others without written verification and adaptation by Kimley-Horn and Associates, Inc. for the specific purpose intended will be at user's sole risk and without liability to Kimley-Horn and Associates, Inc. Use of this electronic data file for any purpose not specifically authorized in writing by Kimley-Horn and Associates, Inc. shall be at user's sole risk and without liability to Kimley-Horn and Associates, Inc. Use of this electronic data file for any purpose not specifically authorized in writing by Kimley-Horn and Associates, Inc. shall be at user's sole risk and without liability to Kimley-Horn and Associates, Inc.

MLA Geotechnical "put us to the test"

A Division of MLA Labs, Inc.

June 28, 2021

DNT Construction, LLC
2300 Picadilly Drive
Round Rock, Texas 78664
Attn.: Mr. John Migl, Jr. P.E.

Re: Street Subgrade Testing Summary
Castlewood Phases 1, 2 & 3
Taylor, Texas
Engineering Job No.: 20107183.016

Dear Mr. John Migl, Jr. P.E.;

Per your request, MLA Geotechnical has performed the Soil Lime Stabilization tests using the TEX-121E Part III ("Eades-Grim" test) to determine the lime demand and Atterberg Limits of the soil to confirm the PI reduction on samples taken at the locations listed in the tables below. Using these test results, the optimum minimum percentage by weight of pebble quick lime to be mixed with the subgrade soil throughout this section of the referenced subdivision is **7 percent**. This is based upon a pH test to confirm the laboratory saturation point as well as a reduction of the plasticity index. Sulfate testing was also performed on the samples per TEX-145E. All results are summarized in the tables 1 and 2 below.

TABLE 1: pH Test of Lime Treated Soils TEX-121E Part III ("Eades-Grim" test)
Potential Hydrogen (pH) Resulting from the % Lime Added Shown

Location	Conditions	0% Lime	2% Lime	4% Lime	6% Lime	8% Lime	10% Lime
Pebblestream Pass @ Sta: 17+00	Dark brown clay	9.0	10.9	12.2	12.4	12.4	12.4
Backwood Pass @ Sta: 7+00	Dark brown clay	9.0	10.8	12.2	12.4	12.4	12.4
Branchwood Path @ Sta: 5+00	Dark brown clay	8.9	10.8	12.1	12.4	12.4	12.4
Streamwood Trail @ Sta: 9+00	Dark brown clay	8.9	10.9	12.2	12.4	12.4	12.4
Gatehouse Way @ Sta: 3+00	Dark brown clay	9.0	10.8	12.1	12.4	12.4	12.4
Cherry Blossom Lane @ Sta: 8+00	Dark brown clay	9.0	10.7	12.1	12.4	12.4	12.4
Elm Branch Trail @ Sta: 12+00	Dark brown clay	9.0	10.9	12.2	12.4	12.4	12.4
Castlebridge Way @ Sta: 4+00	Dark brown clay	9.1	10.9	12.1	12.4	12.4	12.4

TABLE 2: Admixing Lime to Reduce Plasticity Index TEX-112E
Determining Sulfate Content in Soils – Colorimetric Method TEX-145E
Plasticity Index (PI) Resulting from the % Lime Added Shown

Location	Conditions	PI at 0% Lime	PI at 7% Lime	Sulfate (ppm)
Pebblestream Pass @ Sta: 17+00	Dark brown clay	41	14	<100
Backwood Pass @ Sta: 7+00	Dark brown clay	39	7	<100
Branchwood Path @ Sta: 5+00	Dark brown clay	36	15	<100
Streamwood Trail @ Sta: 9+00	Dark brown clay	45	16	<100
Gatehouse Way @ Sta: 3+00	Dark brown clay	35	17	<100
Cherry Blossom Lane @ Sta: 8+00	Dark brown clay	36	16	<100
Elm Branch Trail @ Sta: 12+00	Dark brown clay	41	19	<100
Castlebridge Way @ Sta: 4+00	Dark brown clay	39	13	<100

As a result of this testing the pavement design for all streets in this Phase per the plans governing the project sealed by Kimley-Horn, Luke Caraway, P.E., dated October 16, 2020; TDI Engineering, Matthew Morhardt, P.E., dated April 29, 2020, is valid and summarized below:

TABLE 3: Pavement Design

Street	ROW Width	Lime Stabilized Subgrade	Crushed Limestone Base	HMAC
Castlebridge Way	70'	8.0"	14.0"	3.5"
Backwood Pass	50'	8.0"	9.0"	2.5"
Gatehouse Way	50'	8.0"	9.0"	2.5"
Branchwood Path	50'	8.0"	9.0"	2.5"
Pebblestream Pass	50'	8.0"	9.0"	2.5"
Cherry Blossom Lane	50'	8.0"	9.0"	2.5"
Elm Branch Trail	50'	8.0"	9.0"	2.5"
Streamwood Trail	50'	8.0"	9.0"	2.5"
Asher Way	50'	8.0"	9.0"	2.5"
Red Branch Road	50'	8.0"	9.0"	2.5"

Thank you for the opportunity to be of continued service. Should different soils conditions be encountered, please contact us at 512-873-8899.

Sincerely,

MLA Geotechnical TBPE FIRM # F-2684
Geotechnical Engineering and Construction Materials Testing
"put us to the test"

Timothy R. Weston, P. E.
President
6/29/24



MLA Geotechnical "put us to the test"
A Division of MLA Labs, Inc.

Report of Hot Mix Asphalt Concrete Test

Project Castlewood phases 1, 2 & 3 **Date:** 3/15/2022
Location: Taylor, Texas **Project #:** 20107183.016
Client: DNT Construction, LLC **Lab #:** A22-251 to A22-255
Report #s: 250-271*

Plant: Florence Asphalt Plant Mix Design #: 515-64D1000 Sampled by: Lonestar Paving

Gradation, Stability and Asphalt Content of bulk samples (TEX 200F, 208F and 236F)

Sample #:	A22-251	A22-252	A22-253	A22-254	A22-255			
Date Laid:	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022			
Time Sampled:	Unknown	Unknown	Unknown	Unknown	Unknown			
Mix Temperature:	Unknown	Unknown	Unknown	Unknown	Unknown	Average	Mix Design	Tolerance[1]
%Passing the #8 sieve:	39.4	40.5	39.7	41.0	38.3	39.8	42.0	(+/- 5.0)
%Passing the #200 sieve:	5.1	5.3	5.1	5.2	4.5	5.0	4.0	(+/- 2.0)
%Asphalt content:	5.3	5.4	5.2	5.4	5.1	5.3	5.4	(+/- 0.3)
Hveem Stability:	55	57	54	56	55	55	N/A	>35

Bulk sample & Core locations:

A22-251	Core #1	Cherry Blossom Lane Sta: 3+00 LQP
A22-252	Core #2	Branchwood Path Sta: 2+75 RQP
A22-253	Core #3	Elm Branch Trail Sta: 6+00 LQP
A22-254	Core #4	Backwood Pass Sta: 11+50 RQP
A22-255	Core #5	Backwood Pass Sta: 8+75 LQP

Thickness and density of cores and density of lab molded specimens (biscuits) (TEX 206F, 207F, 227F and ASTM-D-1559)

Core #:	1	2	3	4	5		
Core bulk specific gravity:	2.282	2.258	2.232	2.226	2.218		
Lab specific gravity (Rice):	2.418	2.419	2.418	2.421	2.419	Average	Specification[1]
Field Core Density:	94.3%	93.4%	92.3%	92.0%	91.7%	92.7%	91.5 to 96.2%
CoreThickness (Inches):	2.55	2.53	2.56	2.51	2.70	2.57	2.50"

Biscuit sample ID:	A22-251	A22-252	A22-253	A22-254	A22-255	Average	Specification[1]
Biscuit density:	97.3%	96.8%	96.8%	96.0%	96.4%	96.6%	95.5 to 97.5%

Comments: [1] Per City of Taylor Engineering Manual - Dec. 2020 - ref TxDOT, latest version.
* This is a summary sheet of reports 250 through 271

Reviewed By: AF 3/16/22
MLA Labs, Inc.

TCEQ Microbial Reporting Form

CORR FORM 031019-01 Rev. 2

City of Round Rock Environmental Services Laboratory

Round Rock, Texas - Phone: (512) 218-5561, Fax: (512) 341-3316
www.roundrocktexas.gov/waterlab

TCEQ Laboratory ID:48159

**By indicating e-mail the submitter agrees that the lab may report preliminary results as reported on this simplified chain of custody form. These results are not final and have not completed Quality Control.

Water System Identification & Sample Collection Information (Please type or use block print)

Public Water System ID: (Must be 7 digits; include all zeros) TX _ _ _ _ _ _ _

Public Water System Name: City of Taylor

County: Williamson

Report Results To:

Client Name: Chlor-Serv

Address:

City, State, Zip: Hutto Tx 78634

Preliminary Report** Email: Candice@chlorserv.com

Construction Project Name: DNT/Castlewood ph 2

Phone #: 512-955-1551

Test Request: Circle (24PA) 18PA E.coli # Acc. or Pmt 66

Sampler Name (Print): Heath Vasquez

Signature: Heath Vasquez

Operator License #:

☐ Owner ☐ Operator Other:

Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. (Texas Penal Code Title 8, Chapter 37.10) By signing this form, the sampler acknowledges that samples were collected according to the systems established sample collection procedures, and that all information is accurate.

SHADED AREA FOR LABORATORY USE ONLY

Sample Iced? ☐ Yes [X] No

Temperature: 15.2 / 15.2 °C

IR Thermometer #: C

Relinquished By (Sampler): Heath Vasquez — Date / Time: 3-10-22

Received By (Courier, if applicable): — Date / Time:

Relinquished By (Courier): — Date/ Time:

Received By (Lab): [signature] — Date / Time: 3/10/22 1532

Lab Comments:

Tested By: DD — Read By: DD

Laboratory Approval: — Date: — Time:

Report to Client By: — Date: — Time:

Sample Identification/Location (Use Specific Address / Location identified in Sample Siting Plan; Raw Wells - Use Source ID for Well Sampled (Example: G1234567A))	Field Sample ID #	Sample Type: (√ one) Routine (Distribution)	Repeat	Raw Well	Special*	Construction*	Collected Date: Month	Day	Year	Time: Circle AM or PM	Replacement	Sample ID & Date of Originating Sample (All Repeat, Replacement, & Triggered Raw Samples)	Chlorine Residual: Circle "F" for Free, "T" for Total (mg/L)	Rejection Code	Preliminary Lab Results — Test Method: SM 9223 ONPG-MUG Colilert test method: Chlorine √ Absent	Chlorine √ Present	Total Coliform Absent	Total Coliform Present	E.coli Absent	E.coli Present	Laboratory Sample ID Number
WL-I 3+81	1					√	3	10	22	2:28 am (pm)	☐		1.8 F (T)		X		X		X	22*-03391
WL-J 13+55	2					√	3	10	22	2:31 am (pm)	☐		1.8 F (T)		X		X		X	22*-03392
WL-E 12+30	3					√	3	10	22	2:34 am (pm)	☐		1.7 F (T)		X		X		X	22*-03393
WL-D 10+30	4					√	3	10	22	2:37 am (pm)	☐		1.8 F (T)		X		X		X	22-03394
WL-K 1+00	5					√	3	10	22	2:40 am (pm)	☐		1.7 F (T)		X		X		X	22-03395

Form instructions: www.tceq.texas.gov/drinkingwater/microbial/revised-total-coliform-rule

* Special and Contruction samples are NOT FOR COMPLIANCE

Lab Rejected Code (LR) - Document Reason: * LR 3/10/22

Resubmitted: 8/31/22

WASTEWATER MAIN LOW PRESSURE TEST

DNT CONSTRUCTION

Project Castlewood Ph 1, 2, & 3

Inspector EA

Date 8-11-21

Street Name / Line Ltr	Pipe Size / Type	Test Sta to Sta	Length of Pipe	Start PSI	Ending PSI	Wipe Used	Date of Mandrell	Mandrell Size	Pass Fail	Initial
line A	18" SDR26	1+00 to 4+23.42		4	4	/	8.11.21		PASS	EA
EASEMENT	18" SDR26	4+23.42 to 8+97.11		4	4	/			PASS	
	18" SDR26	8+97.11 to 13+70.61		4	4	/			PASS	
	18" SDR26	13+70.61 to 18+44.11		4	4	/			PASS	
	18" SDR26	18+44.11 to 20+52.14		4	4	/			PASS	
	18" SDR26	20+52.14 to 23+36.50		4	4	/			PASS	
	8" SDR26	23+36.50 to 24+83.10		4	4	/	EA	7.37	PASS	
	8" SDR26	24+83.10 to 27+39.03		4	4	/		7.37	PASS	
	8" SDR26	27+34.03 to 28+69.05		4	4	/		7.37	PASS	
	8" SDR26	28+69.05 to 29+08.35		4	4	/		7.37	PASS	
	8" SDR26	29+08.35 to 31+60.69		4	4	/		7.37	PASS	
	8" SDR26	31+60.69 to 36+17.50		4	4	/		7.37	PASS	
	8" SDR26	36+17.50 to 40+57.40		4	4	/		7.37	PASS	
	8" SDR26	40+57.40 to 43+27.34		4	4	/		7.37	PASS	
	8" SDR26	43+27.34 to 45+67.29		4	4	/		7.37	PASS	
	8" SDR26	45+67.29 to 50+02.19		4	4	/		7.37	PASS	
ELM BRANCH TRAIL	8" SDR26	1+00 to 5+83.30		4	4	/		7.37	PASS	
line-B	8" SDR26	5+83.30 to 8+58.55		4	4	/		7.37	PASS	
	8" SDR26	8+58.55 to 11+47.74		4	4	/		7.37	PASS	
	8" SDR26	11+47.74 to 14+28.89		4	4	/		7.37	PASS	
Brandywood Path	8" SDR26	1+00 to 1+44.73		4	4	/		7.37	PASS	
line C	8" SDR26	1+44.73 to 5+73.55		4	4	/		7.37	PASS	
	8" SDR26	5+73.55 to 7+81		4	4	/		7.37	PASS	

Resubmitted: 8/31/22

WASTEWATER MAIN LOW PRESSURE TEST

DNT CONSTRUCTION

Project Castlewood Ph I, 2, & 3

Inspector Ed L. Orr

Date 8.11.21

Street Name Line Ltr	Pipe Size Type	Test Sta to Sta	Length of Pipe	Start PSI	Ending PSI	Wipe Used	Date of Mandrell	Mandrell Size	Pass Fail	Initial
STREAMWOOD TRAIL	8" SDR26	1+00 to 2+44.97		4	4	✓	8\2\21	7.37	~~PASS~~	EA
line D	8" SDR26	2+44.97 to 4+90.77		4 PSI	4 PSI	/	8\2\21	7-37	PASS	/
PEBBLESTREAM PASS	8" SDR26	1+00 to 3+90.20		4	4	/	8\2\21	7.37	~~PASS~~	
line E	8" SDR26	3+90.20 to 5+35.30		4	4	/	8\2\21	7-37	~~PASS~~	
Branchwood PATH	8" SDR26	1+00 to 5+79.90		4 PSI	4 PSI	/	8\2\21	7-37	PASS	
line P	8" SDR26	5+74.90 to 7+24.86		4 PSI	4 PSI	/	8\2\21	7-37	PASS	
Gatehouse Way line F	8" SDR26	7+24.86 to 11+94.76		4 PSI	4 PSI	/	8\2\21	7-37	PASS	
BOXWOOD PASS line F	8" SDR26	11+94.76 to 14+73.99		4 PSI	4 PSI	/	8\2\21	7-37	PASS	
Castle Bridge way	8" SDR26	14+73.99 to 15+40.14		4 PSI	4 PSI	/	8\2\21	7-37	PASS	
	8" SDR26	15+90.14 to 16+96.15		4 PSI	4 PSI	/	8\2\21	7-37	PASS	✓
Boxwood PASS line G	8" SDR26	1+00 to 2+34.97		4	4	/	8\2\21	7-37	PASS	EA
	8" SDR26	2+34.97 to 6+27.88		4	4	/	8\2\21	7.37	~~PASS~~	EA
Branchwood Path line H	8" SDR26	1+00 to 3+89.94		4	4	/	8\2\21	7.37	~~PASS~~	/
	8" SDR26	3+89.94 to 8+30		4	4	/	8\2\21	7-37	~~PASS~~	
Blazer Trail line I	8" SDR26	1+00 to 2+35.67		4	4	/	8\2\21	7-37	~~PASS~~	
Castle Bridge way line J	8" SDR26	1+00 to 2+08.63		4 PSI	4 PSI	/	8\2\21	7-37	PASS	
line K	8" SDR26	1+00 to 1+07.41		4	4	/	8\2\21	7.37	~~PASS~~	
EASTMENT	8" SDR26	1+00 to 3+57.67		4	4	/	8\2\21	7.37	PASS	
LINE 'L'	8" SDR26	3+57.67 to 6+45.34		4	4	/	8\2\21	7.37	PASS	✓

Resubmitted: 8/31/22

DNT CONSTRUCTION

WATER LINE PRESSURE TEST

Job Name: Castlewood Ph 1, 2, & 3

Inspector: Edward C. Curtis III

Date: 11/2/21

Job #: 10-2243

Superintendent on-site: _____ PM:

Street Name Line Letter	Pipe Size Type	Length of Pipe	Start PSI	Ending PSI	Time Held	Pass Fail	Initial
ELM BRANCH TRAIL	8" C-900	622 ft	200 PSI	200 PSI	10min	PASS	EA
LINE I			150 PSI	150 PSI	2HRS	PASS	
BLACKWOOD PASS	8" C-900	1,264.44 ft	200PSI	200 PSI	10min	PASS	
LINE J			150PSI	150PSI	2HRS	PASS	
BLAZERS TRAIL	8" C-900	176 ft	200PSI	200PSI	10min	PASS	
LINE K			150PSI	150PSI	2HRS	PASS	
BRANCHWOOD PATH	8" C-900	4169.1 ft	200PSI	200PSI	10min	PASS	
LINE D			150PSI	150PSI	2HRS	PASS	
CHERRY BLOSSOM LANE	8" C-900	421.91 ft	200PSI	200PSI	10min	PASS	
LINE E			150PSI	150PSI	2HRS	PASS	

COMMENTS:

C:\Users\bschoa\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\XQK0CGHF\Water Line Pressure Test Blanco (1).xlsx

Revised 6/19/2013

Resubmitted: 8/31/22

DNT CONSTRUCTION

WATER LINE PRESSURE TEST

Job Name: Castlewood Ph 1, 2, & 3

Inspector: Ronnie Faul

Date: 06\07\21

Job #:

Superintendent on-site: _____ PM:

Street Name Line Letter	Pipe Size Type	Length of Pipe	Start PSI	Ending PSI	Time Held	Pass Fail	Initial
STREAM WOODS (WL-B) TRAIL	12"	1,370.24	150	180	2 Hrs	~~PASS~~	RF
ELM Branch TRAIL WL-B	12"	250 ft	150	150	2 Hrs	~~PASS~~	RF
WL-F	8"	92 ft	150	150	2 Hrs	~~PASS~~	RF
PEBBLESTREAM ~~PASS~~	8"	486 ft	150	150	2 Hrs	~~PASS~~	RF
WL-G	8"	596 ft	150	150	2 Hrs	~~PASS~~	RF
Branchwood PATH WL-D	8"	824 ft	150	150	2 Hrs	~~PASS~~	RF
Cherry Blossom Line WL-E	8"	1006 ft	150	150	2 Hrs	~~PASS~~	RF
WL-H	8"	240 ft	150	150	2 Hrs	~~PASS~~	RF
GATE HOUSE WAY WL-C	8"	550 ft	150	150	2 Hrs	~~PASS~~	RF

~~PASS~~
200 PSI → 10 min

COMMENTS:

C:\Users\bschoa\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\XQK0CUHF\Water Line Pressure Test Blanco Vista ... xlsx

Revised 6/19/2013

Resubmitted: 8/31/22

DNT CONSTRUCTION

VACUUM TEST

Job Name: Castlewood Ph 1, 2, & 3

Inspector: Edwin C. Hall

Date: 8-11-21

Job #: 10-2251

Superintendent on-site: Andrew Resna

PM: LOGAN IRVIN

Date	Manhole No.	Station Number	Depth of Manhole	Vacuum Pressure	Test Time	Pass Fail	Initial	Comments
8\2\21	F2	7+24.86		-10 Hg	3min	PASS	EA	
8\2\21	F3	11+94.76		-10 Hg	3 min	PASS		
8\2\21	F4	14+73.94		-10 Hg	3 min	PASS		
8\2\21	F5	15+90.14		-10 Hg	3min	PASS		
8\2\21	F6	16+96.15		-10 Hg	3min	PASS		
7\30\21	G1	2+34.97		-10 Hg	3 min	PASS		
7\30\21	G2	6+27.88		-10 Hg	3min	PASS		
7\30\21	H1	3+89.94		-10 Hg	3min	PASS		
7\30\21	H2	8+30		-10 Hg	3min	PASS	↓	
7\29\21	I1	2+35.67		-10 Hg	3min	PASS		
7\29\21	J1	2+08.63		-10 Hg	3min	PASS		
8\3\21	L1	3+57.67		-10 Hg	3min	PASS	EA	
8\3\21	L2	6+15.34		-10 Hg	3min	PASS	EA	

Note:

Resubmitted: 8/31/22

DNT CONSTRUCTION

VACUUM TEST

Job Name: Castlewood Ph 1,2,&3

Inspector: Edward A. Craft

Job #: 10-2231

Date: 8-11-21

Superintendent on-site: Andrew Reyna

PM: LOGAN IRVIN

Date	Manhole No.	Station Number	Depth of Manhole	Vacuum Pressure	Test Time	Pass Fail	Initial	Comments
1/12/21	A1S	45+67.29		-10 Hg	3min	PASS	EA	
1/12/21	A16	50+02.19		-10 Hg	3min	PASS	EA	
8/4/21	B1	H00		-10 Hg	3 min	PASS	EA	
8/4/21	B2	5+83.30		-10 Hg	3 min	PASS		
8/4/21	B3	8+58.55		-10 Hg	3 min	PASS		
8/4/21	B4	11+47.74		-10 Hg	3min	PASS		
8/4/21	B5	14+28.84		-10 Hg	3min	PASS		
8/4/21	C1	1+49.73		-10 Hg	3 min	PASS		
8/4/21	C2	5+73.55		-10 Hg	3 min	PASS		
8/5/21	C3	7+81		-10 Hg	3min	PASS		
8/5/21	D1	2+44.97		-10 Hg	3min	PASS		
8/5/21	D2	4+90.77		-10 Hg	3min	PASS		
8/5/21	E1	5+35.30		-10 Hg	3 min	PASS		
8/9/21	F1	5+79.90		-10 Hg	3min	PASS	✓	

Note:

Resubmitted : 8/31/22

DNT CONSTRUCTION

VACUUM TEST

Job Name: Castlewood Ph 1, 2, & 3

Inspector: Edward Clark

Job #: 10-2281

Date: 8-11-21

Superintendent on-site: Andrew Reynes

PM: LOGAN IRVIN

Date	Manhole No.	Station Number	Depth of Manhole	Vacuum Pressure	Test Time	Pass Fail	Initial	Comments
8\11\21	A 1	4+23.42		-10 Hg	3 min	~~PASS~~	EA	
8\11\21	A 2	8+97.11		-10 Hg	3 min	~~PASS~~		
8\11\21	A 3	13+70.61		-10 Hg	3 min	PASS		
8\11\21	A4	18+44.11		-10 Hg	3 min	PASS		
8\11\21	A5	20+52.14		-10 Hg	3 min	PASS		
8\11\21	A6	23+36.50		-10 Hg	3 min	~~PASS~~		
8\11\21	A7	24+83.10		-10 Hg	3 min	PASS		
8\3\21	A8	27+39.03		-10 Hg	3 min	PASS		
8\3\21	A4	28+69.05		-10 Hg	3 min	PASS	↓	
8\3\21	A10	29+08.35		-10 Hg	3 min	PASS	EA	
8\3\21	A11	31+60.69		-10 Hg	3 min	PASS	EA	
8\3\21	A12	36+17.50		-10 Hg	3 min	PASS	EA	
8\3\21	A13	40+57.40		-10 Hg	3 min	PASS	EA	
8\3\21	A14	43+27.34		-10 Hg	3 min	PASS	EA	

Note:

MAITENANCE AGREEMENT

1. ACCUMULATED PAPER, TRASH AND DEBRIS SHALL BE REMOVED EVERY SIX (6) MONTHS OR AS NECSSARY TO MAINTAIN PROPERY OPERATION.
2. STRUCTURAL INTEGRITY SHALL BE MAINTAINED AT ALL TIMES. BASINS AND ALL APPURTENANCES SHALL BE INSPECTED ANUALLY, OR MORE FREQUENTLY IF SPECIFIED, AND REPAIRS SHALL BE MADE IF NECESSARY. WHEN MAINTENANCE OR REPAIRS ARE PEFORMED, THE SCM SHALL BE RESTORED TO THE ORIGINAL LINES AND GRADES.
3. CORRECTIVE MAITENANANCE SHALL OCCUR ANY TIME DRAWDOWN DOES NOT OCCUR WITHIN TWENTY-FOUR (24) HOURS.
4. THE INLET AND OUTLET OF SCM'S SHALL BE MAINTAINED UNIMPEDED IN ORDER TO CONVEY FLOW AT ALL TIMES. OBSERVED BLOCKAGES TO THE INLET AND OUTLET, DUE TO VEGETATION, SEDIMENT, DEBRIS OR ANY OTHER CAUSE, SHALL BE REMOVED.
5. NO UNVEGETATED AREA SHALL EXCEED TEN (10) SQUARE FEET. THIS PERFORMANCE REQUIREMENT APPLIES TO THE ENTIRE POND INCLUDING THE POND BOTTOM, SIDE SLOPES, AND AREAS ADJACENT TO THE POND, AND IS INTEDED TO LIMIT EROSION.
6. INTEGRADED PEST MANAGEMENT SHALL BE PERFORMED AND SHALL ADHERE TO CITY OF AUSTIN ECM SECTION 1.6.2F, INTEGRATED PEST MANAGEMENT GUIDELINES.
7. MINIMUM VEGETATION HEIGHT SHALL BE FOUR (4) INCHES IN THE SCM AND ALL APPURTENANCES, INCLUDING THE TOE OF THE BERM OR WALL OUTSIDE THE SCM, WHERE APPLICABLE.
8. VEGETATION WITHIN THE BASIN SHALL NOT EXCEED EIGHTEEN (18) INCHES IN HEIGHT AT ANY TIME.
9. SEDIMENT BUID-UP SHALL BE REMOVED WHEN SEDIMENT, OF ANY AMOUNT, CAUSES STANDING WATER CONDITIONS OR REDUCES BASIN STORAGE BY MORE THAN 10%.
10. WHEN SEDIEMENT IS REMOVED, IRRIGATION SHALL BE PROVIDED, AS NEEDED, UNTIL VEGEATION IS ESTABLISHED (WELL ROOTED).

CASTLEWOOD DEVELOPERS, LLC,

a Delaware limited liability company

Aaron Levy, Manager

TERRAIN, LLC

A Texas limited liability company

Chad Geeslin, Owner

Texas Department of Transportation

2727 South Austin Ave, Georgetown Texas | 512.930.6011 | WWW.TXDOT.GOV

March 27, 2023

Tanner Thrift, Project Manager
Tthrift@dntconstruction.com
Cell: 254.640.2205

Re: Castlewood Single Family

Tanner,
TXDOT has accepted the Castlewood Single Family right turn lane and driveway. All responsibilities for TXDOT improvements were completed per the TIA requirements. Let me know if you have issues or questions.

Thanks,

Shane Brown

Shane Brown
Access Management Coordinator
TXDOT Georgetown Area Office

Confirmation of TIA Fee for Pro-Rata Share Responsibility - 3/13/2023

PZ-2020-1215 Wire Transfer - TIA Fee.pdf **59.9 kb**

Wire Payment Receipt - $70,400

Uploaded: 03/13/23 03:17 PM by Mckenzi Hicks

Show in Customer Portal

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☒ Streets/Infrastructure
☐ Quality of Life
☐ Economic Vitality

Agenda Item #: 8

Agenda Title: **Consider acceptance of subdivision infrastructure for the RCR-Taylor Logistics Park**

Council Action to be taken: Consider acceptance

Department Submitted: Public Works

Staff Contact: Jim Gray, Director of Public Works

1. PURPOSE/DESCRIPTION

The purpose of this agenda item is to accept the infrastructure completed for the 20-inch water line and appurtenances under the RCR-Taylor Logistics Park Subdivision Improvement Plans (Water Line) that were constructed to extend water service to a portion of the RCR-Taylor Logistics Park within a utility easement that runs adjacent to FM 3349.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The RCR-Taylor Logistics Park (Development) has been in coordination with the City of Taylor to provide the necessary water utility service to a portion of the subdivision. As part of the Subdivision Process, acceptance of the public infrastructure is required once construction of the improvements have been completed in accordance to City Ordinances. The public improvements performed within the RCR-Taylor Logistics Park Subdivision Improvement Plans (Water Line) has passed inspections and the Developer's Agent, RITD, LLC, has provided the required acceptance documentation per the City's Ordinances.

3. PROS and CONS

PROS	CONS
• N/A	• N/A

4. RECOMMENDATION

Staff recommends accepting the public infrastructure (water line improvements) completed for the RCR-Taylor Logistics Park.

5. FUNDING SOURCE

N/A

6. TIMELINE

Commercial Planned Development Zoning Ordinance Approved – September 26, 2019
Preliminary Plat Approved – July 21, 2022
Subdivision Improvement Plans Approved – December 30, 2021

7. OTHER OPTIONS (In order of preference)

Do not accept infrastructure

8. ATTACHMENTS

8a. City Engineer Acceptance Certificate
8b. Maintenance Bond
8b(1). Maintenance Bond – Public Improvements Contract Price
8b(2) Contractor Warranty Letter for Materials
8c. Record Drawings
8d. Subdivider's Affidavit of Completion
8e. Waiver of Liens
8f. Developer's Engineer Letter of Concurrence
8g. Testing Reports

CERTIFICATE OF ACCEPTANCE

PROJECT: RCR Taylor Logistics Park – Public Infrastructure Improvements (Water Line)
CONTRACTOR: W.T. Byler, Co., Inc.
CONTRACT FOR: Public Infrastructure Improvements

This CERTIFICATE OF ACCEPTANCE applies to all work under the Contract Documents or to the following specified parts thereof: **RCR Taylor Logistics Park – Public Infrastructure Improvements water line utility improvements within public right-of-way.**

BY: Jacob E Walker, PE

Jacob E. Walker, P.E.
HDR Engineering, Inc.
City Engineer

FOR: The City of Taylor

TO: W.T. Byler, Co. Inc.
CONTRACTOR

The work to which this Certificate applies has been inspected by authorized representatives of **OWNER, CONTRACTOR, AND CITY,** and that work is hereby declared to be complete in accordance with the Contract Documents and is accepted by the City of Taylor on:

4/13/2023

Date of Acceptance

W.T. BYLER CO
PROVIDING HEAVY | CIVIL AND RAILROAD CONSTRUCTION SERVICES



20" PUBLIC WATER LINE INSTALL

Biditem	Description	Quantity	Unit	Unit Cost	Total
		GENERAL CONDITIONS			
10	General Conditions	1.00	LS	$450,000.00	$450,000.00
				TOTAL	**$450,000.00**
		20" PUBLIC WATER LINE INSTALL			
20	20" PVC WAERLINE	5465.00	LF	$333.10	$1,820,391.50
30	36" STEEL CASING	186.00	LF	$2,144.88	$398,947.68
620	20" GATE VALVE	1.00	EA	$15,000.00	$15,000.00
630	FIRE HYDRANT ASSEMBLY	19.00	EA	$18,421.00	$349,999.00
20	CHANGE OREDER 1 RESTRAINTS	1.00	LS	$324,217.00	$324,217.00
30	ADDITIONAL 6" FIRE LINE	1.00	LS	$65,849.82	$65,849.82
620	20" GATE VALVE AND TEE	2.00	EA	$15,000.00	$30,000.00
630	DEMOBILIZATION FOR CITY PLAN REVIEW	1.00	LS	$30,846.00	$30,846.00
				TOTAL	**$3,035,251.00**
				JOB TOTAL SITE	**$3,485,251.00**

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC

October 20, 2022

City of Taylor Development Services
400 Porter Street
Taylor, Texas 76574

RE: RCR-Taylor Logistics Park
Permit No. PZ-2021-1362

To whom it may concern:

Railroad Infrastructure & Terminal Development, LLC (RITD) has performed design services for a City of Taylor public water line extension project along F.M. 3349 in Taylor, Texas. Following approval of the design plans in May 2022, material orders were conducted by RITD and W.T. Byler Company (WTB) based on these approved design plans.

The approved plans called for a standard 20”x6” Tee at each fire hydrant service line along the 20-inch water line alignment. Upon commencement of the project construction, there was a significant delay time on delivery of the specified tees. To address the timeline issue, an adjustment was made to the plans to install 20”x8” Tees (which were readily available at the time) with an 8”x6” reducer fitting as an alternative. Fire hydrant locations and service line sizes were installed and inspected per originally permitted design plans.

In order to proceed with acceptance of the water line plans with this field revision incorporated, RITD is agreeable to extending the warranty of the water line construction to three years due to the variation from the approved design plans mentioned above.

Please let me know if there are any questions or further conversation required prior to granting final approval of the resubmitted design plans.

Respectfully,

RICHARD W. HEIGES, PE/RPLS
Railroad Infrastructure & Terminal Development, LLC
RITD | Railroad Consulting | Engineering | Inspection
P.O. Box 1087 | 35505 Cooper Rd. | Brookshire, TX 77423
O: 281-392-4850 | F: 281-934-3530 | www.ritd-llc.com

Arch Insurance Company

A Division of The Arch Capital Group

Bond No. 1185996

MAINTENANCE/WARRANTY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we W.T. Byler Co., Inc. / RCR Taylor Rail, L.P. as Principal (the "Principal) and Arch Insurance Company, a corporation organized under the laws of the State Missouri as Surety (the "Surety"), are held and firmly bound unto The City of Taylor, Texas as Obligee, (the "Obligee") in the penal sum of Three Hundred Forty-Eight Thousand, Five Hundred Twenty-Five and 10/100 DOLLARS ($ 348,525.10), lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents:

WHEREAS, the Principal has by written agreement dated April 29, 2022 entered into a contract with Obligee for RCR Taylor – Waterline Project – Subdivision: RCR Taylor Logistics Park , which contract is by reference made a part hereof, and is hereinafter referred to as the contract.

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall remedy without cost to the Obligee any defect which may develop during a term of two (2) years(s) from the date of completion and acceptance of the work performed under the Contract, provided such defects are caused by defective or inferior materials or workmanship, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect.

No suit or claim may be commended by the Obligee against the Surety after the expiration of one (1) year from the date of Obligee's discovery of a defect.

No right of action shall accrue on this bond to or for the use of any person or corporation other than the Obligee named herein or the heirs, executors, administrators or successors of the Obligee.

Signed and sealed this 9th day of March, A.D. 2023.

W.T. Byler Co., Inc.
Co-Principal

By: _____

RCR Taylor Rail, L.P.
Co-Principal

By: _____

Arch Insurance Company
Surety

By: _____
Ashley Britt, Attorney-in-Fact

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:
That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Alyson Carmichael, Ashley Britt, Barry K. McCord, David T. Miclette, Lacey Hitchcock, Lauren O. Moudy, Nikole Jeannette, Robert C. Davis, Robert M. Overbey, Jr., Stacey Bosley, Stacy Owens, Will Duke and William Strong of Houston, TX (EACH)
Rita G. Gulizo of New Orleans, LA

its true and lawful Attorney(s)in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed: Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding One Hundred Fifty Million Dollars ($150,000,000.00). This authority does not permit the same obligation to be split into two or more bonds In order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on August 31, 2022, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:
"**VOTED**, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on August 31, 2022:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on August 31, 2022, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company. **In Testimony Whereof**, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this **21st day of February, 2023**.

Attested and Certified

Regan A. Shulman, Secretary

Arch Insurance Company — CORPORATE SEAL 1971 — Missouri

Arch Insurance Company

Stephen C. Ruschak, Executive Vice President

STATE OF PENNSYLVANIA SS
COUNTY OF PHILADELPHIA SS

I, **Michele Tripodi**, a Notary Public, do hereby certify that Regan A. Shulman and Stephen C. Ruschak personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

Commonwealth of Pennsylvania - Notary Seal
MICHELE TRIPODI, Notary Public
Philadelphia County
My Commission Expires July 31, 2025
Commission Number 1168622

Michele Tripodi, Notary Public
My commission expires 07/31/2025

CERTIFICATION

I, **Regan A. Shulman**, Secretary of the Arch Insurance Company, do hereby certify that the attached **Power of Attorney dated February 21, 2023** on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said Stephen C. Ruschak, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.
IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 9th **day of** March, **20** 23.

Regan A. Shulman, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:
Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102

Arch Insurance Company — CORPORATE SEAL 1971 — Missouri

To verify the authenticity of this Power of Attorney, please contact Arch Insurance Company at SuretyAuthentic@archinsurance.com
Please refer to the above named Attorney-in-Fact and the details of the bond to which the power is attached.

IMPORTANT NOTICE TO ALL TEXAS POLICYHOLDERS

IMPORTANT NOTICE

To obtain information or make a complaint:

You may call Arch Insurance Group's toll-free telephone number for information or to make a complaint at:

1-866-413-5550

You may also write to Arch Insurance Group at:

Arch Insurance Group
Harborside 3
210 Hudson Street, Suite 300
Jersey City, NJ 07311-1107

You may contact the Texas Department of Insurance to obtain information on companies, coverages, rights or complaints at:

1-800-252-3439

You may write the Texas Department of Insurance:

P.O. Box 149091
Austin, TX 78714-9091
Fax: (512) 490-1007
Web: http://www.tdi.texas.gov
E-mail: ConsumerProtection@tdi.texas.gov

PREMIUM OR CLAIM DISPUTES:
Should you have a dispute concerning your premium or about a claim you should contact the Arch Insurance Group first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

ATTACH THIS NOTICE TO YOUR POLICY:
This notice is for information only and does not become a part or condition of the attached document.

AVISO IMPORTANTE

Para obtener informacion o para someter una queja:

Usted puede llamar al numero de telefono gratis de Arch Insurance Group para informacion o para someter una queja al:

1-866-413-5550

Usted también puede escribir a Arch Insurance Group:

Arch Insurance Group
Harborside 3
210 Hudson Street, Suite 300
Jersey City, NJ 07311-1107

Puede comunicarse con el Departamento de Seguros de Texas para obtener informacion acerca de companias, coberturas, derechos o quejas al:

1-800-252-3439

Puede escribir al Departamento de Seguros de Texas:

P.O. Box 149091
Austin, TX 78714-9091
Fax: (512) 490-1007
Web: http://www.tdi.texas.gov
E-mail: ConsumerProtection@tdi.texas.gov

DISPUTAS SOBRE PRIMAS O RECLAMOS:
Si tiene una disputa concerniente a su prima o a un reclamo, debe comunicarse con el Arch Insurance Group primero. Si no se resuelve la disputa, puede entonces comunicarse con el departamento (TDI).

UNA ESTE AVISO A SU POLIZA: Este aviso es solo para proposito de informacion y no se convierte en parte o condicion del documento adjunto.

RCR - TAYLOR LOGISTICS PARK

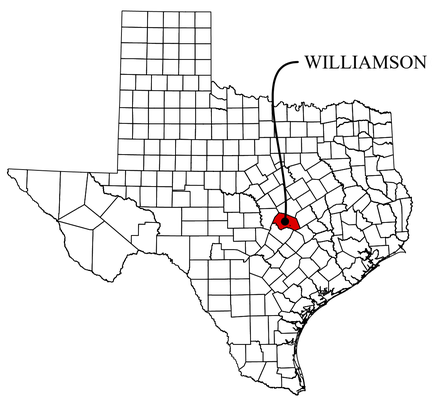
PUBLIC INFRASTRUCTURE
WATERLINE AS-BUILT DRAWINGS
ISSUE FOR PERMIT

MARCH 30, 2023



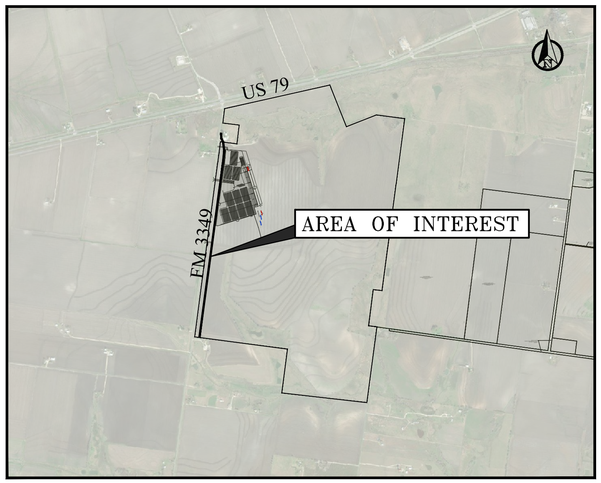
VICINITY MAP

1" = 5000'



AREA MAP

N.T.S.



PROJECT

1" = 2000'

DRAWING INDEX	
NO.	TITLE
C0.0	COVER SHEET
C1.0	OVERALL SITE PLAN
C1.1	SITE PLAN DETAIL
C1.2	SITE PLAN DETAIL
C2.1	WATERLINE PLAN AND PROFILE
C2.2	WATERLINE PLAN AND PROFILE
C2.3	WATERLINE PLAN AND PROFILE
C2.4	WATERLINE PLAN AND PROFILE
C2.5	WATERLINE PLAN AND PROFILE
C3.0	OVERALL SWPPP LAYOUT
C3.1	SWPPP DETAIL
C3.2	SWPPP DETAIL
C3.3	SWPPP DETAILS (1 OF 2)
C3.4	SWPPP DETAILS (2 OF 2)
C4.1	CONSTRUCTION DETAILS
C4.2	CONSTRUCTION DETAILS
C4.3	WATER LINE SPEC DETAILS
C4.4	WATER LINE SPEC DETAILS
C4.5	WATER LINE SPEC DETAILS

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

COMPLIANCE CERTIFICATION

THE UNDERSIGNED LICENSED PROFESSIONAL ENGINEER CERTIFIES THAT ALL IMPROVEMENTS AS SHOWN IN THIS AS-BUILT PLAN SET COMPLY WITH ALL REGULATIONS AND OTHER REQUIREMENTS SET FORTH IN APPENDIX C SUBDIVISION ORDINANCE OF THE CITY OF TAYLOR.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE UNIFORM BUILDING CODE, LATEST EDITION, FOR TYPE II CONSTRUCTION, CITY OF TAYLOR DEVELOPMENT REGULATIONS, AREMA MANUAL FOR RAILWAY ENGINEERING, AND THE STANDARDS AND SPECIFICATIONS OF THE SERVING RAILROAD. ALL LOCAL CODES & APPLICABLE ORDINANCES SHALL BE STRICTLY ADHERED TO.
2. SHOULD THERE BE DISCREPANCIES BETWEEN THESE DRAWINGS AND APPLICABLE STANDARDS, CODES, AND ORDINANCES, THE STRICTEST REQUIREMENT SHALL PREVAIL.
3. ALL WORK SHALL BE PERFORMED IN A SAFE AND WORKMANLIKE MANNER AND SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICES FOR SUCH WORK.
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROVISION OF BARRIERS AND OTHER MEASURES NECESSARY TO ASSURE A SAFE WORKING ENVIRONMENT.
5. FOR SPECIFIC NOTES PERTAINING TO THE WORK OF PARTICULAR TRADES, SEE THE APPLICABLE DRAWINGS FOR SUCH TRADE.
6. A DETENTION MAINTENANCE PLAN HAS BEEN SUBMITTED TO THE CITY OF TAYLOR IN CONNECTION WITH THIS DEVELOPMENT.

811 Know what's below Call before you dig.

RCR TAYLOR, L.P.
RCR - TAYLOR LOGISTICS PARK
WATERLINE AS-BUILT DRAWINGS

REV.	DATE	BY	DESCRIPTION

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
3500B COOPER ROAD - P.O. BOX 1087
BROUSSARD, TEXAS 77520
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

PZ-2021-1362

co.o

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-COV-WL.dwg * 4/4/2023 6:12 PM * Plotted by Richard Heiges

NOTIFICATION NOTES

1. CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES NO LESS THAN FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION, TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES IN THE VICINITY OF THIS PROJECT:
   - TEXAS ONE CALL: 1-800-245-4545 OR 713-223-4567
   - LONE STAR NOTIFICATION CENTER: 1-800-669-8344
   - TEXAS EVACUATION SAFETY SYSTEMS (TESS): 1-800-344-8377
2. CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS A MINIMUM OF TWENTY-FOUR (24) HOURS PRIOR TO BLOCKAGE OF DRIVEWAYS OR ENTERING OF UTILITY EASEMENTS.

PERMIT NOTES

1. OWNER SHALL OBTAIN ALL PERMITS REQUIRED BY ALL GOVERNING ENTITIES PRIOR TO STARTING CONSTRUCTION OF UTILITIES AND/OR CULVERTS WITHIN COUNTY RIGHT OF WAY.
2. CONTRACTOR SHALL OBTAIN ALL FLOODPLAIN MANAGEMENT PERMITS REQUIRED PRIOR TO STARTING CONSTRUCTION.
3. ENVIRONMENTAL PROTECTION AGENCY AND/OR TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) CONSTRUCTION GENERAL PERMIT COVERAGE MAY BE REQUIRED.
4. STORM WATER POLLUTION PREVENTION PLAN (SWPPP): THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION, INSPECTION, AND MAINTENANCE OF THE SWPPP IN ACCORDANCE WITH THE STATE AND LOCAL REGULATIONS. THE COST TO IMPLEMENT, INSPECT, AND MAINTAIN THE SWPPP SHALL BE CONSIDERED INCIDENTAL TO THE SWPPP BID ITEMS.

GENERAL CONSTRUCTION NOTES

1. ALL ITEMS NOT SPECIFICALLY CALLED FOR ON THE PLANS, OR IN THE SPECIFICATIONS, BUT NECESSARY TO REASONABLY CONSTRUCT THE FACILITY OR IMPROVEMENT, SHALL BE CONSIDERED INCIDENTAL TO THE OVERALL PROJECT AND NO SEPARATE PAYMENT WILL BE MADE FOR THESE ITEMS.
2. DRAWINGS AND INFORMATION ARE NOT REPRESENTED BY RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC. TO BE FULLY CORRECT OR COMPLETE. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, INCLUDING LOCATION, ELEVATION, AND/OR FLOWLINES OF EXISTING UTILITIES BEFORE STARTING CONSTRUCTION. CONTRACTOR SHALL INFORM ENGINEER AND OWNER OF ANY DISCREPANCIES WITH THESE PLANS PRIOR TO CONSTRUCTION. ALL CHANGES MUST BE APPROVED BY THE ENGINEER.
3. CONTRACTOR SHALL MAINTAIN AN UPDATED REDLINE 'AS BUILT' SET OF CONSTRUCTION DRAWINGS ON SITE FOR INSPECTION BY THE ENGINEER.
4. CONTRACTOR SHALL PROTECT PAVED SURFACES FROM DAMAGE BY TRACK EQUIPMENT AND ANY OTHER WORK EQUIPMENT. THE CONDITION OF THE ROAD; ROADSIDE DITCHES; AND/OR RIGHT-OF-WAY, UPON COMPLETION OF THE JOB, SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK. RE-GRADED DITCHES MUST HAVE A POSITIVE FLOW.
5. AREAS DISTURBED BY CONSTRUCTION THAT ARE NOT REPAVED OR OTHERWISE COVERED SHALL BE HYDROMULCHED AND/OR BLOCK SODDED (AS DIRECTED BY THE OWNER).
6. CONTRACTOR SHALL REMOVE AND REPLACE OR RECONSTRUCT EXISTING FENCES, POSTS, PLANTERS, TRASH CONTAINERS, CULVERTS, MAIL BOXES, ETC., AS NECESSARY TO COMPLETE PROPOSED CONSTRUCTION. ANY ITEMS DAMAGED DURING CONSTRUCTION ARE TO BE REPLACED WITH EQUAL OR BETTER ITEMS AT NO ADDITIONAL COST.
7. THE CONTRACTOR SHALL ENSURE ADJACENT PROPERTY LINES ARE NOT ALTERED, EXCEPT AS SPECIFICALLY REQUIRED IN THESE DRAWINGS AND SPECIFICATIONS, AND SHALL RESTORE ADJACENT PROPERTY TO ORIGINAL CONDITION IF ANY DAMAGE OCCURS.
8. ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE GOVERNING AGENCIES REQUIREMENTS AND SPECIFICATIONS.
9. CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS.
10. IRON RODS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY A REGISTERED PUBLIC LAND SURVEYOR FOR THE ORIGINAL PROPERTY OWNER AT NO ADDITIONAL COST.
11. OPEN TRENCHES AT PERIMETER OF EXISTING PAVING OR AROUND NEW CONSTRUCTION SHALL BE MAINTAINED FREE OF STANDING WATER AT ALL TIMES. SEE SPECIFICATIONS FOR TRENCH SHORING REQUIREMENTS, AS APPLICABLE.

GENERAL CIVIL CONSTRUCTION NOTES

1. CONTRACTOR SHALL NOTIFY SERVICE ALERT (800)-642-2444 AND UPRR FIBER OPTIC HOTLINE (800)-336-9193, 48 HOURS PRIOR TO ANY EXCAVATION. THE USA AUTHORIZATION NUMBER SHALL BE KEPT AT THE JOB SITE.
2. NO WORK WHATSOEVER SHALL BE COMMENCED WITHOUT FIRST NOTIFYING THE UPPR ENGINEER.
3. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, COUNTY, AND CITY LAWS AND ORDINANCES AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, OSHA, NPDES AND INDUSTRIAL ACCIDENT COMMISSION RELATED TO THE SAFETY AND CHARACTER OF THE WORK, EQUIPMENT, AND LABOR PERSONNEL.
4. CONTRACTOR SHALL PROTECT IN PLACE (BY ANY MEANS NECESSARY) ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE SPECIFIED HEREIN, CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REPAIR AT HIS EXPENSE FOR ANY DAMAGES TO EXISTING UTILITIES, STRUCTURES, OR OTHER SITE FEATURES, AS A RESULT OF HIS WORK.
5. PRIOR TO PLACING CURBS, PAVEMENT, BASE, SUBBASE, TRACK ETC., ALL UNDERGROUND UTILITIES SHALL BE INSTALLED, BACKFILL COMPLETED, AND THE ENGINEER NOTIFIED BY EACH OF THE UTILITY COMPANIES HAVING FACILITIES WITHIN THE WORK AREA, THAT THE UTILITY INSTALLATION HAS SATISFACTORILY PASSED ACCEPTANCE TESTS.
6. ANY UNDERGROUND STRUCTURES SUCH AS CESSPOOLS, CISTERNS, MINING SHAFTS, TUNNELS, SEPTIC TANKS, WELLS, AND PIPELINES NOT LOCATED PRIOR TO CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR DETERMINATION OF APPROPRIATE ACTION, SUCH AS REMOVAL OR TREATMENT, IN A MANNER JUDGED SUITABLE TO THE ENGINEER.
7. CONTRACTOR SHALL COORDINATE LOCATION OF ALL PROPOSED UTILITIES WITH UPRR TO ASSURE ACCURACY OF UTILITY CONNECTIONS AND COMPLIANCE WITH LOCAL CODES.
8. ANY EXISTING CONDITION FOUND TO BE A VARIANCE WITH THESE DRAWINGS MUST BE IMMEDIATELY REPORTED TO THE ENGINEER.
9. CONTRACTOR SHALL MAINTAIN AND CLEAN TO THE SATISFACTION OF THE ENGINEER, ALL ACCESS AND SERVICE ROADS USED DURING THE CONSTRUCTION.
10. CONTRACTOR SHALL PERFORM ALL CONSTRUCTION, IN SUCH A MANNER, AS TO PROTECT ADJACENT EXISTING BUILDINGS AND OTHER SITE ELEMENTS WHICH ARE TO REMAIN IN SERVICE.
11. NO FIELD CHANGES WILL BE PERMITTED WITHOUT DIRECT WRITTEN AUTHORIZATION FROM THE UPRR ENGINEER OR HIS/HER REPRESENTATIVE.
12. CONTRACTOR SHALL COORDINATE WORK WHICH AFFECTS ADJACENT PROPERTY OWNERS. ANY QUESTIONS OR AGREEMENTS BETWEEN ADJACENT PROPERTY OWNERS AND CONTRACTOR SHALL BE MADE IN WRITING. A COPY OF SUCH AGREEMENTS SHALL BE PROVIDED TO THE UPRR ENGINEER OR HIS/HER REPRESENTATIVE.
13. TRACK LAYING, BALLASTING, AND INSTALLATION OF ROAD CROSSING PANELS WILL BE DONE BY CONTRACTOR UNLESS OTHERWISE STATED.
14. WHERE EXISTING CULVERTS ARE TO BE EXTENDED, THE CONTRACTOR SHALL EXPOSE EXISTING DRAINAGE STRUCTURES AND FIELD VERIFY SIZE AND TYPE BEFORE ORDERING.
15. CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS ROAD TO ALL AFFECTED BUSINESSES. IF NECESSARY, MULTIPHASE CONSTRUCTION SHALL BE UTILIZED.
16. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS REQUIRED FOR THE WORK.

PROOF ROLLING NOTES

1. FOR AREAS WHERE SUBGRADE APPEARS TO BE STABLE WITHOUT UNDERCUTTING, PROOF ROLL AFTER THE TOP 12 INCHES (0.3 METERS) OF THE SUBGRADE MEETS THE COMPACTION REQUIREMENTS AND AFTER THE SUBGRADE HAS BEEN BROUGHT TO APPROXIMATE SHAPE WITHIN 0.1 TO 0.2 FEET (30 TO 60 MM) REQUIRED BY PLAN LINES.
2. FOR AREAS THAT ARE OBVIOUSLY UNSTABLE AND REQUIRE UNDERCUTTING, DO NOT PROOF ROLL UNNECESSARILY TO DEMONSTRATE THAT SUBGRADE CORRECTION IS REQUIRED.
3. THE PROOF ROLLING SHOULD BE DONE IMMEDIATELY AFTER THE SUBGRADE COMPACTION OPERATION, WHEN THE MOISTURE CONTENT OF THE SUBGRADE SOIL IS NEAR OPTIMUM OR AT THE MOISTURE CONTENT THAT ACHIEVED COMPACTION. THIS MINIMIZES THE SUBGRADE BECOMING TOO WET OR TOO DRY FOR AN EFFECTIVE PROOF ROLLING EVALUATION. IF THE SUBGRADE IS TOO WET, THE MATERIAL WILL DISPLACE AND RUT. IF THE SUBGRADE IS TOO DRY, A DRY HARD SURFACE CRUST AY CARRY THE PROOF ROLLER OVER AN UNDESIRABLE SOFT WET UNDERLYING MATERIAL WITHOUT RUTTING OR DEFLECTIO, AND THE SOFT SUBGRADE MAY NOT BE DETECTED.
4. PROOF ROLLING MAY BE DONE EITHER BEFORE OR AFTER PIPE UNDERDRAINS ARE INSTALLED. IF DONE AFTER UNDERDRAINS ARE INSTALLED, ROLLING SHOULD NOT BE DONE DIRECTLY OVER THE UNDERDRAINS. PROOF ROLLING MUST BE PERFORMED AT LEAST 1-1/2 FEET (0.5 METERS) AWAY FROM THE UNDERDRAINS BECAUSE OF THE POTENTIAL DAMAGE TO THE UNDERDRAINS.
5. IT IS IMPERATIVE, WHEN DOCUMENTING PROOF ROLLING OPERATIONS; TO INCLUDE STATIONS, DEFLECTIONS, WEIGHT OF THE PROOF ROLLER, AND DETAILED COMMENTS. DIGITAL PICTURES OF THE SUBGRADE DISTRESSES ARE HIGHLY RECOMMENDED.

SWPPP CONSTRUCTION NOTES

1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATIONS SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPPP) PLANS TO KEEP SILT AND/OR EXCAVATED MATERIALS FROM ENTERING INTO THE STORM WATER INLETS AND DITCHES EVENTUALLY POLLUTING THE RECEIVING STORM.
2. DURING THE EXCAVATION PHASE OF THE PROJECT, CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SEGMENTS SO THAT EXCAVATED MATERIAL CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL WHICH FALL ON PAVEMENTS OR DRIVEWAYS SHALL BE SWEPT BACK IN TO THE EXCAVATED AREA.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT, OR ROCK TRACKED FROM THE EXCAVATED AREA.
4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT, ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
5. CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
   A) DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
   B) AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
   C) STRUCTURAL CONTROL MEASURES.
   D) LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE.
6. CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND/OR CULVERTS FOR UNOBSTRUCTED DRAINAGE AT ALL TIMES. WHERE SODDING IS DISTURBED BY EXCAVATION ON BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SODDING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SODDING.

ENVIRONMENTAL QUALITY NOTES

1. CONTRACTOR SHALL COMPLY WITH ALL ENVIRONMENTAL LAWS.
2. CONTRACTOR SHALL LOCATE FUEL AND MATERIAL STORAGE AREAS AWAY FROM STORM WATER CONVEYANCE. USE A MINIMUM 60 MIL POLYETHYLENE LINER UNDER ABOVE GROUND STORAGE TANKS. USE A TWO (2) FOOT HIGH BERM AROUND FUEL STORAGE AREAS. PROVIDE PROTECTED STORAGE AREAS FOR CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS, AND OTHER POTENTIALLY TOXIC MATERIALS.
3. CONTRACTOR SHALL DISPOSE OF FUELS, MATERIALS, AND CONTAMINATED EXCAVATIONS IN A LEGALLY APPROVED MANNER.
4. CONTRACTOR SHALL ADVISE OWNER IMMEDIATELY, VERBALLY, AND IN WRITING OF ANY FUEL SPILLS ONTO THE PROJECT / CONSTRUCTION AREA AND THE ACTIONS TAKEN TO REMEDY THE PROBLEM.

STORM WATER QUALITY NOTES

1. CONTRACTOR SHALL REMAIN IN FULL COMPLIANCE WITH EPA / TCEQ AND LOCAL GOVERNMENT AGENCY STORM WATER MANAGEMENT REQUIREMENTS WITH SPECIFIC MENTION TO STORM WATER RUN OFF DURING CONSTRUCTION.
2. RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC. AND/OR THE ENGINEER OF RECORD ARE NOT RESPONSIBLE FOR ENVIRONMENTAL REGULATION ENFORCEMENT. ANY AND ALL COMPLIANCE, INCLUDING INSPECTION REPORTS, FORM SUBMITTALS, PERMITS, AND/OR STORM WATER CONTROL AT THE JOB SITE AS SHOWN ON THESE DRAWINGS IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. CONTRACTOR SHALL SUBMIT A COPY OF THE NOTICE OF INTENT AND A DECLARATION THAT THE NOTICE OF INTENT (NOI) WAS SUBMITTED TO EPA / TCEQ AND THE COUNTY. RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC. AND/OR THE ENGINEER OF RECORD ARE NOT RESPONSIBLE FOR FILING THE NOI FORM WITH THE EPA / TCEQ OR OTHER GOVERNMENT ENTITIES.
4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. ALL CONSTRUCTION STORM RUNOFF SHALL COMPLY WITH THE COUNTY STANDARDS, AND BE IN COMPLIANCE WITH THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) REQUIREMENTS.
6. STORM WATER POLLUTION PREVENTION PLAN (SWPPP): THIS PROJECT DISTURBS MORE THAN 1 ACRE; THEREFORE, COVERAGE MAY BE REQUIRED FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION, INSPECTION, AND MAINTENANCE OF THE SWPPP IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. THE COST TO IMPLEMENT, INSPECT, AND MAINTAIN THE SWPPP SHALL BE CONSIDERED INCIDENTAL TO THE SWPPP BID ITEMS.
7. A CONSTRUCTION SITE NOTICE (CSN) MAY BE REQUIRED TO BE POSTED AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITIES. THIS PROJECT SHALL HAVE TWO CSN'S, ONE WITH THE CONTRACTOR'S SIGNATURE AND ONE WITH THE COUNTY'S SIGNATURE. THE CONTRACTOR SHALL DELIVER TO THE COUNTY, AT THE PRE-CONSTRUCTION MEETING, A COPY OF THE CONTRACTOR'S SIGNED CSN. THE COUNTY SHALL SUBMIT COPIES OF BOTH SIGNED CSN'S TO THE LOCAL MUNICIPAL SEPARATE STORM SEWER SYSTEM OPERATOR (MS4) AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITIES.
8. COPIES OF THE CONTRACTOR'S CSN AND THE COUNTY'S CSN SHALL BE POSTED AT THE SITE BY THE CONTRACTOR. THE CONTRACTOR SHALL LAMINATE AND POST THE TWO CSN'S ON THE PROJECT SITE AT A LOCATION WITHIN EASY ACCESS TO THE PUBLIC FOR CLEAR VIEWING AND AS APPROVED BY THE ENGINEER. THE COST TO LAMINATE AND POST THE CSN'S SHALL BE CONSIDERED INCIDENTAL TO THE SWPPP BID ITEMS.
9. A RAIN GAUGE SHALL BE KEPT ON THE PROJECT SITE OR WITHIN THE IMMEDIATE PROJECT VICINITY. RECORD OF RAINFALL EVENTS SHALL BE KEPT BY THE CONTRACTOR TO ASSIST WITH DETERMINING IF A SWPPP SITE INSPECTION IS REQUIRED. THE COST FOR THE RAIN GAUGE SHALL BE CONSIDERED INCIDENTAL TO THE SWPPP BID ITEMS.
10. THE SWPPP, INSPECTION, MAINTENANCE REPORTS, CERTIFICATIONS, AND RAINFALL RECORDS SHALL BE KEPT CURRENT BY THE CONTRACTOR AND ACCORDANCE WITH STATE AND LOCAL REGULATIONS. COPIES OF THE SWPPP RECORDS SHALL BE KEPT ON SITE, IF FEASIBLE, UNTIL THE SITE IS DEEMED TO BE FINALLY STABILIZED AND AS APPROVED BY THE ENGINEER. THE SWPPP RECORDS SHALL BE MADE READILY AVAILABLE TO REGULATORY AUTHORITIES UPON AN ON-SITE INSPECTION. THE CONTRACTOR SHALL DELIVER COPIES OF ALL SWPPP RECORDS TO THE COUNTY AS DIRECTED BY THE ENGINEER.
11. CONTRACTOR SHALL PROVIDE ADEQUATELY MAINTAINED SANITARY FACILITIES. THESE SANITARY FACILITIES SHALL NOT BE LOCATED IN LOW AREAS WHERE RAIN / STORM WATER PONDING OCCURS OR WHERE THERE ARE NATURAL OR MAN-MADE DRAINAGE SWALES.

EROSION AND SEDIMENTATION CONTROL NOTES

1. SEDIMENT WILL BE RETAINED ON SITE TO THE MAXIMUM EXTENT PRACTICAL. PROVISIONS SHALL BE MADE TO PROTECT DOWNSTREAM WATERCOURSES (I.E. STORM SEWER SYSTEMS, DITCHES, WETLANDS, ETC.) FROM SEDIMENT RUNOFF DEVELOPED FROM THE CONSTRUCTION PROCESS. PROVISIONS INCLUDE, BUT ARE NOT LIMITED TO, STRUCTURAL CONTROLS SUCH AS FILTER FABRIC FENCING.
2. CONTRACTOR SHALL INSPECT ALL STRUCTURAL CONTROLS WITHIN 24 HOURS AFTER ANY STORM EVENT THAT MEETS OR EXCEEDS ½ INCHES OF RAINFALL IN A 24 HOUR TIME PERIOD. DURING PROLONGED RAINFALL EVENTS, CONTRACTOR SHALL INSPECT STRUCTURAL CONTROLS DAILY. AT A MINIMUM, STRUCTURAL CONTROLS SHOULD BE INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS BY A QUALIFIED REPRESENTATIVE OF THE CONTRACTOR, AS APPROVED BY THE OWNER.
3. STRUCTURAL CONTROLS THAT HAVE BEEN IMPROPERLY INSTALLED OR HAVE BEEN DISABLED, RUNOVER, REMOVED, OR OTHERWISE RENDERED INEFFECTIVE MUST BE REPLACED OR CORRECTED IMMEDIATELY. NECESSARY REPAIRS SHALL BE PERFORMED TO MAINTAIN THE INTEGRITY OF THE STRUCTURAL CONTROLS THROUGHOUT THE DURATION OF THE CONTRACT AT NO ADDITIONAL COST. REMOVE ALL SEDIMENT IF IT ACCUMULATES TO ½ THE HEIGHT OF THE FILTER FABRIC FENCE. AT COMPLETION OF THE CONTRACT, OWNER SHALL EXAMINE STRUCTURAL CONTROLS BEFORE RELIEVING CONTRACTOR OF HIS MAINTENANCE RESPONSIBILITIES.
4. ALL CLEARED AREAS MUST BE HYDRO-MULCH SEEDED WITHIN FOURTEEN (14) DAYS OF THE LAST ACTIVITY FOR THAT AREA. THE LAST ACTIVITY WILL BE DEFINED BY THE OWNER'S REPRESENTATIVE.

UTILITY AND PIPELINE COORDINATION NOTES

1. ALL UTILITY COORDINATION SHALL BE ESTABLISHED PRIOR TO THE START OF ANY CONSTRUCTION WORK.
2. UTILITIES PRESENTED ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN THE FIELD AND PRIOR TO STARTING THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGES TO THESE UTILITIES BY HIS WORK FORCES AND ANY NECESSARY RESTORATION AND/OR REPLACEMENT.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO THE EXISTING PUBLIC AND OR PRIVATE UTILITY LINES, INCLUDING BUT NOT LIMITED TO WATER LINES, WASTEWATER COLLECTION SYSTEMS, AND STORM SEWERS DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE LATEST SPECIFICATIONS OF THE GOVERNING AUTHORITY.

WARNING OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES LIKELY EXIST ON THE PROPERTY. RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC. HAS NOT ATTEMPTED TO MARK THESE LINES BECAUSE THEY ARE CLEARLY VISIBLE. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN 6 FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING THE CONTRACTOR, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY.

ADDITIONAL NOTES

1. ALL SUBGRADE CONSTRUCTION WILL COMPLY WITH THE LATEST UNION PACIFIC RAILROAD TECHNICAL SPECIFICATIONS FOR CONSTRUCTION OF INDUSTRIAL TRACKS, SECTION 8.0 TRACK ROADBED CONSTRUCTION SPECIFICATIONS, UNLESS DIRECTED OTHERWISE BY ENGINEER. THE UP SPECIFICATIONS ARE LOCATED AT HTTP://WWW.UPRR.COM/ABOUTUP/OPERATIONS/SPECS/TRACK/INDEX.SHTML
2. SUBBALLAST MAY BE CRUSHED LIMESTONE OR CRUSHED CONCRETE MEETING TXDOT ITEM 247, TYPE D, GRADE 2
3. ALL COSTS ASSOCIATED WITH TESTING OF MATERIALS DURING CONSTRUCTION WILL BE THE RESPONSIBILITY OF THE OWNER.
4. ASPHALT PAVEMENT SHOULD CONFORM TO TXDOT SPECIFICATION ITEM NO. 341, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
5. IF A GEOTECHNICAL INVESTIGATION HAS NOT BEEN PERFORMED ON THE PROJECT SITE. ENGINEER ASSUMES NO RESPONSIBILITY FOR INCREASES IN PROJECT COSTS DUE TO POOR SOIL CONDITIONS

CITY OF TAYLOR CONSTRUCTION NOTES FOR CONSTRUCTION WITHIN CITY OF TAYLOR PUBLIC RIGHT-OF-WAY

General Notes:

1. General Contractor shall call for all utility locates prior to any construction. Water & wastewater owned by the City of Taylor can be located by calling the Utility Department 512-352-3251. Allow three business days for utility locates by the City of Taylor.
2. All construction shall be in accordance with the latest City of Taylor ENGINEERING MANUAL.
3. The contractor shall give the City a minimum of 48 hours notice before beginning each phase of construction. The phases of construction are as follows:
4. Prior to City acceptance of all improvements, all graded and disturbed areas are to be re-vegetated in accordance with the City of Austin Specification Item #604 unless another re-vegetation specification is specifically identified in the plans and/or bid form. When appropriate in the opinion of the Public Works Department, the City of Taylor may require native grasses to be used.
5. The Contractor shall provide the City of Taylor copies of all test results prior to acceptance of this project.
6. City, owner, engineer, contractor, representatives of all utility companies, and a representative from the testing lab shall attend pre-construction conference prior to start of construction. The contractor shall schedule the meeting with the City of Taylor Engineering Department 48 hours prior to this pre-construction meeting (512-352-3633).
7. Excess soil shall be removed at the contractor's expense. Notify the City of Taylor for approval if the disposal site is inside the City's jurisdictional boundaries.
8. Burning is prohibited. No blasting is allowed.
9. Any changes or revisions to these plans must first be submitted to the City by the design engineer for review and written approval.
10. The Contractor will reimburse the City for all cost incurred as a result of any damage to any City utility by the Contractor, regardless of these plans.
11. Prior to City acceptance of this project, an engineer's concurrence letter and 22"x34" record drawings (one Mylar copy, one blue-line or Xerox, and a digital copy on a CD ROM) shall be submitted to the Engineering Department. The Consulting Engineer and Contractor shall verify that all final revisions and changes have been made to the Mylar, blue-line, and digital copy prior to City submittal. Record construction drawings shall be provided to the City in digital format as AutoCad ".dwg" files, or ESRI ".shp" files on CD ROM. Line weights, line types and text size shall be such that if half-size prints (11"x 17") were produced, the plans would still be legible. All required digital files shall contain a minimum of two (2) control points referenced to the State Plane Grid Coordinate System - Texas Central Zone (4203), in US feet and shall include rotation information and scale factor required to reduce surface coordinates to grid coordinates in US feet. Half-size plans may also be required (see contract).
12. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF TAYLOR MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.
13. A traffic control plan, in accordance with the Texas Manual on Uniform Traffic Control Devices, shall be submitted to the City for review and approval prior to any partial or complete roadway closures.
14. The contractor shall keep the site clean and maintained at all times, to the satisfaction of the City. This project will not be accepted until the site has been cleaned and re-vegetated to the satisfaction of the City.
15. Signs are not permitted in Public Utility Easements or Drainage Easements.
16. Inspect temporary erosion controls on a daily basis. Adjust the controls and/or remove any sediment buildup as necessary.
17. Contractor will be responsible for keeping roads and drives adjacent to and near the site free from soil, sediment and debris. Contractor will not remove soil, sediment or debris from any area or vehicle by means of water, only shoveling and sweeping will be allowed. Contractor will be responsible for dust control from the site.
18. The Contractor shall be responsible for all damage to private property, which occurred as a result of any portion of this project. Any damage to private property shall be repaired to equal or better condition. The Contractor shall coordinate all repairs to private property with the property owner. Contractor shall pay and/or settle with private property owner for all costs related to any damage. The City will not provide separate pay for repair of any damages, reimbursements or settlements.
19. Contractor shall provide the services of the City's approved SCADA consultant and controls instrumentation consultant. (When applicable to SCADA) The cost of the consultant and/or any equipment shall be subsidiary to the cost of the project (no separate pay) unless specifically identified on the bid form.
20. Contractor shall be responsible for any and all utility relocations. Including but not limited to: ONCOR Electric, ATMOS Gas, AT&T Telephone, United Stated Post Office, Time Warner Cable Television, City of Taylor Water & Wastewater. Contractor shall call 800-DIG-TESS and maintain all confirmation numbers.
21. If telephone service is required by this project, the contractor shall coordinate with phone company to provide/extend/re-locate the service. No separate pay will be provided and the City shall not be responsible for scheduling or coordinating with phone company.
22. Electric and/or telephone poles that need to be re-located for this project will be at the expense of the contractor. The City of Taylor will not provide separate pay for pole re-location and the cost of the relocation is considered subsidiary to the project bid. The contractor is responsible for identifying poles that may conflict with these plans and making arrangements to resolve the conflict with the appropriate utility. If electric, telephone, or CATV service will be interrupted as a result of the re-location; the City shall approve the maximum allowable time the service will be interrupted.
23. The contractor shall make applications to the electric company for electric service if new service is required. The City will assume the service upon acceptance of the project (if required). The contractor will pay for electric power until the meter is transferred to the City of Taylor. Impact fees and Application Fees required by the electric company will be the responsibility of the Contractor unless specifically identified in the contract.
24. The contractor shall provide combination locks for all gates, hatches, vaults, and MCC boxes. Each lock shall be pre-approved and set to the City's requirements. (No separate pay)
25. All work on these plans shall be performed. Pay for work shown on these plans, which are not identified in the contract, shall be considered incidental to the items specifically identified for payment.
26. The contractor shall provide a competent and qualified superintendent to supervise all work. The superintendent shall be present during all construction activities.
27. Any survey monuments damaged or moved as a result of this project shall be replaced to equal or better condition. A Texas Registered Land Surveyor shall oversee the replacement and certify the replacement for its intended use. No separate pay will be provided.
28. Adequate drainage conditions, in accordance with the City Engineering Manual, shall be maintained at all times.
29. Any tree removed or damaged by this project, which is not specifically identified to be removed by the plans, will be replaced according to the requirements of the City of Taylor Code of Ordinances. No separate pay will be provided.
30. **The contractor shall uncover all utilities within the limits of construction and verify their location prior to any construction activities. The contractor shall notify the City and the Engineer, IN WRITING, of any conflicts prior to any other construction including but not limited to exact locations of conflicts with proposed or existing utilities. No additional pay unless specifically identified for payment in the contract documents. The contractor shall also make his own sub-surface investigation prior to bid.**
31. Only stainless steel casing spacers are allowed in encasement pipe(s).
32. No separate pay will be given to de-water trenches or other excavated areas.
33. Soil material imported for re-vegetation of disturbed areas shall be approved by the Public Works department prior to placement. A sample (submittal) is required.
34. The contractor shall perform pumping stations and/or lift station start-up independently: prior to requesting witness or acceptance by the City. When a final start-up fails to be complete and acceptable and when City personnel are present at start-up, each additional start-up will be charged to the contractor, as liquidated damages, $500.00 per additional meeting.
35. Shutout of any customers of the City's utility due to tie-ins shall only be scheduled for nighttime work unless approved by the Engineering Department. The City's field representative shall coordinate and inspect all nighttime shutouts and tie-ins. The contractor shall request shutouts two weeks in advance. Shutouts will only be allowed in the following times and are subject to approval by the City: 10 PM - 6 AM; beginning on Tuesday, Wednesday or Thursday night(s). No extra time will be granted to the contract for unscheduled work in the time period allowed or due to requests outside the approved time periods.

Water Notes:

1. The top of valve stems shall be at least 18", and no more than 36", below finished grade. Valve stem risers shall be welded on each end to the City's satisfaction.
2. Fire hydrant leads to be ductile iron, Class 350, and installed per City of Taylor standard specifications and detail.
3. The contractor shall provide cuts for all water lines and FH bury lines in accordance with the contract.
4. Approved 5 1/4" fire hydrants: American Flow Control, B84B Mueller Company, Super Centurion 250, Clow Medallion Hydrant
5. *All fire hydrants must meet City of Taylor thread specifications (National Thread)
6. *Blue reflector markers shall be located on the centerline of the pavement across from all fire hydrants. Pavement markers at intersections shall be four-sided.
7. All water lines, including service lines, shall be pressure and leak tested per City of Austin Standard Specifications and witnessed by the City of Taylor representative. All failed tests shall be the fiscal responsibility of the contractor, and the contractor may be required to re-test lines if the testing is not witnessed by the City. Contractor must notify the City of Taylor 48 hours prior to any testing.

CIVIL COLOR LEGEND

- EXIST. MAINLINE TRACK
- PROP. RR OWNED TRACK
- PROP. IND. OWNED TRACK
- RAILROAD RIGHT OF WAY
- TRACK BALLAST
- SUBBALLAST
- DETENTION POND
- PROPERTY BOUNDARY
- RAILROAD ROW

GEOTECHNICAL NOTES

1. AN ENGINEERED GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS PROJECT BY:

   RABA KISTNER
   8100 CAMERON ROAD, STE. B-150
   AUSTIN, TX 78754
   512.339.1745

   REPORT #: AAA21-156-00
   DATE: JANUARY 28, 2022
   EN

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-SITE-WL.dwg * 4/4/2023 6:13 PM * Plotted by Richard Heiges

EXIST. FLOOD PLAIN

US 79

25' FLINT HILLS ESMT.

10' PUBLIC UTILITY ESMT.

FM 3349

20" PUBLIC WATERLINE EXTENTION

EXIST. FLOOD PLAIN

SHEET C1.1

SHEET C1.2

LEGEND

	EXISTING	PROPOSED
CURB		
EDGE OF PAVEMENT		
R.O.W.		
STORM SEWER/MH		
CURB INLET/GRATE INLET		
SANITARY SEWER/MH/CLEANOUT		
WATER LINE/FIRE HYDRANT/VALVE		
GAS		
ELECTRIC		
PHONE		
FENCE		
HIGH BANK		
FLOWLINE		
FIRE HYDRANT		

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

350 0 350 700

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
OVERALL SITE PLAN

PZ-2021-1362

C1.0

PROJ #: 474-6

EXIST. FLOOD PLAIN

25' FLINT HILLS GAS LINE ESMT.

CITY OF HUTTO PROPERTY

EXIST. METER RACK / OHE

AIR RELEASE VALVE MANHOLE

20" x 45° VERTICAL BEND

45° BEND

11-1/4° BEND

APPROX. EXIST. WATERLINE

FM3349 R.O.W.

20" x 45° VERTICAL BEND

20"x8" TEE
8" METER VAULT

11-1/4° BEND

1 x ISOLATION / GATE VALVE

1 x FIRE HYDRANT
1 x 20"x8" TEE
1 x 8"x6" REDUCER
1 x 6" GATE VALVE AND BOX

AIR RELEASE VALVE MANHOLE

1 x FIRE HYDRANT
1 x 20"x8" TEE
1 x 8"x6" REDUCER
1 x 6" GATE VALVE AND BOX

START OF PUBLIC WATERLINE EXTENSION
NOTE
THIS PORTION OF THE PROPOSED WATER LINE EXTENSION SITUATED WITHIN THE FM 3349 RIGHT-OF-WAY WAS APPROVED BY TxDOT VIA UTILITY PERMIT APPLICATION AUS20220328100934 - NO. 13

EXIST. FLOOD PLAIN

FM 3349

FARM 3349 RD&O

6" PVC WATER LINE

1 x FIRE HYDRANT
1 x 20"x8" TEE
1 x 8"x6" REDUCER
1 x 6" GATE VALVE AND BOX

1 x 20"x6" TAPPING SLEEVE & VALVE
1 x 6" GATE VALVE BOX

25' FLINT HILLS GAS LINE ESMT.

AIR RELEASE VALVE MANHOLE

1 x FIRE HYDRANT
1 x 20"x8" TEE
1 x 8"x6" REDUCER
1 x 6" GATE VALVE AND BOX

10' PUBLIC UTILITY ESMT.

1 x FIRE HYDRANT
1 x 20"x8" TEE
1 x 8"x6" REDUCER
1 x 6" GATE VALVE AND BOX

50' LANDSCAPE BUFFER

20" PUBLIC WATERLINE EXTENTION

1 x FIRE HYDRANT
1 x 20"x8" TEE
1 x 8"x6" REDUCER
1 x 6" GATE VALVE AND BOX

15' UTILITY ESMT.
(TO BE USED FOR WATER LINE ACCESS/MAINT.)

1 x FIRE HYDRANT
1 x 20"x8" TEE
1 x 8"x6" REDUCER
1 x 6" GATE VALVE AND BOX

LOT LINE (TYP)

LEGEND

	EXISTING	PROPOSED
CURB		
EDGE OF PAVEMENT		
R.O.W.		
STORM SEWER/MH		
CURB INLET/GRATE INLET		
SANITARY SEWER/MH/CLEANOUT		
WATER LINE/FIRE HYDRANT/VALVE		
GAS		
ELECTRIC		
PHONE		
FENCE		
HIGH BANK		
FLOWLINE		
FIRE HYDRANT		

NOTE:
WATERLINE CONSTRUCTION TO BE BUILT TO CITY OF TAYLOR ENGINEERING MANUAL SPECIFICATIONS.

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-SITE-WL.dwg * 4/4/2023 6:13 PM * Plotted by Richard Heiges

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
3550S COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

100 0 100 200

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

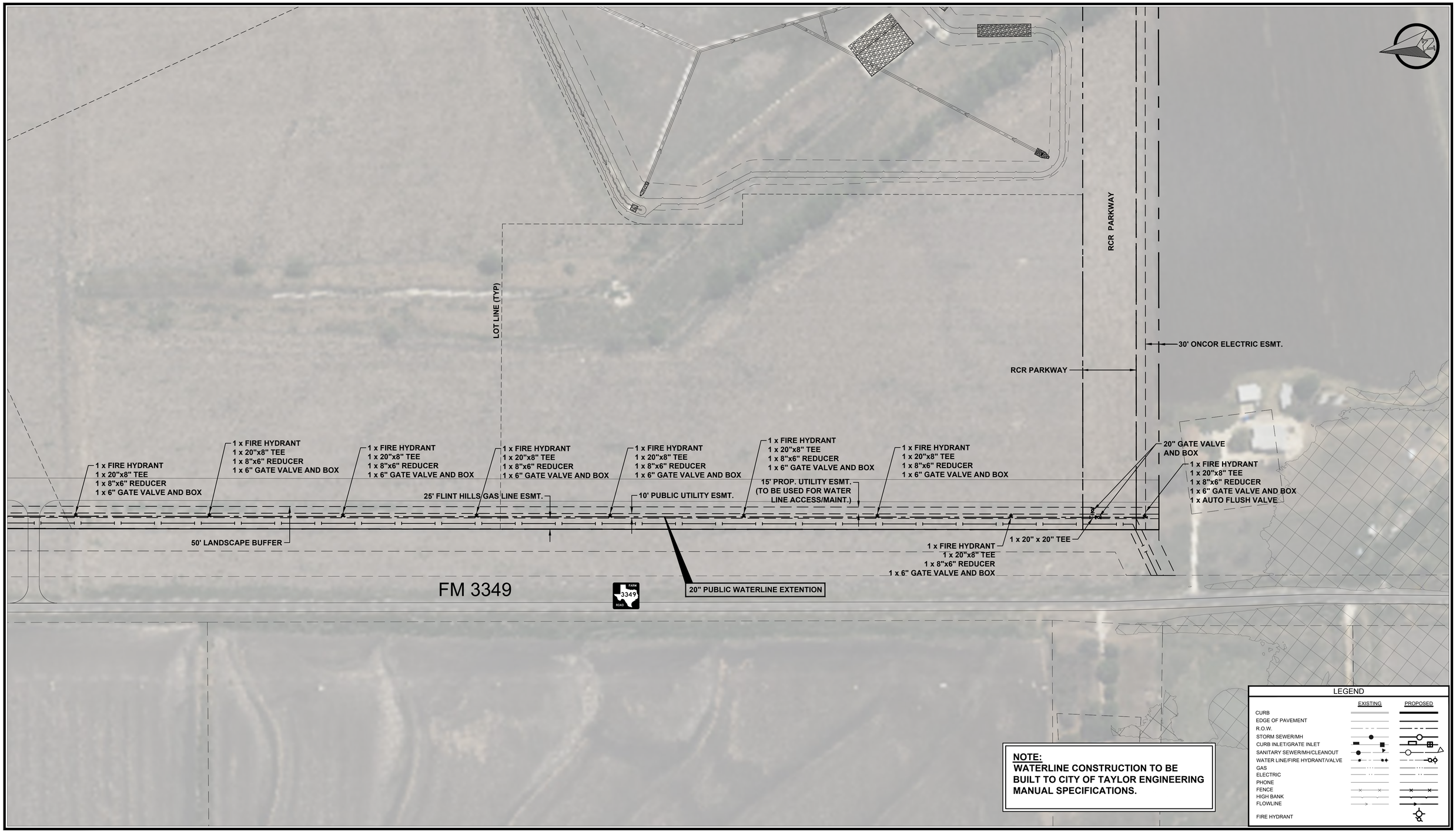
RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
SITE PLAN DETAIL

PZ-2021-1362

C1.1

PROJ #: 474-6



LEGEND

	EXISTING	PROPOSED
CURB		
EDGE OF PAVEMENT		
R.O.W.		
STORM SEWER/MH		
CURB INLET/GRATE INLET		
SANITARY SEWER/MH/CLEANOUT		
WATER LINE/FIRE HYDRANT/VALVE		
GAS		
ELECTRIC		
PHONE		
FENCE		
HIGH BANK		
FLOWLINE		
FIRE HYDRANT		

NOTE:
WATERLINE CONSTRUCTION TO BE BUILT TO CITY OF TAYLOR ENGINEERING MANUAL SPECIFICATIONS.

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

100 0 100 200

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

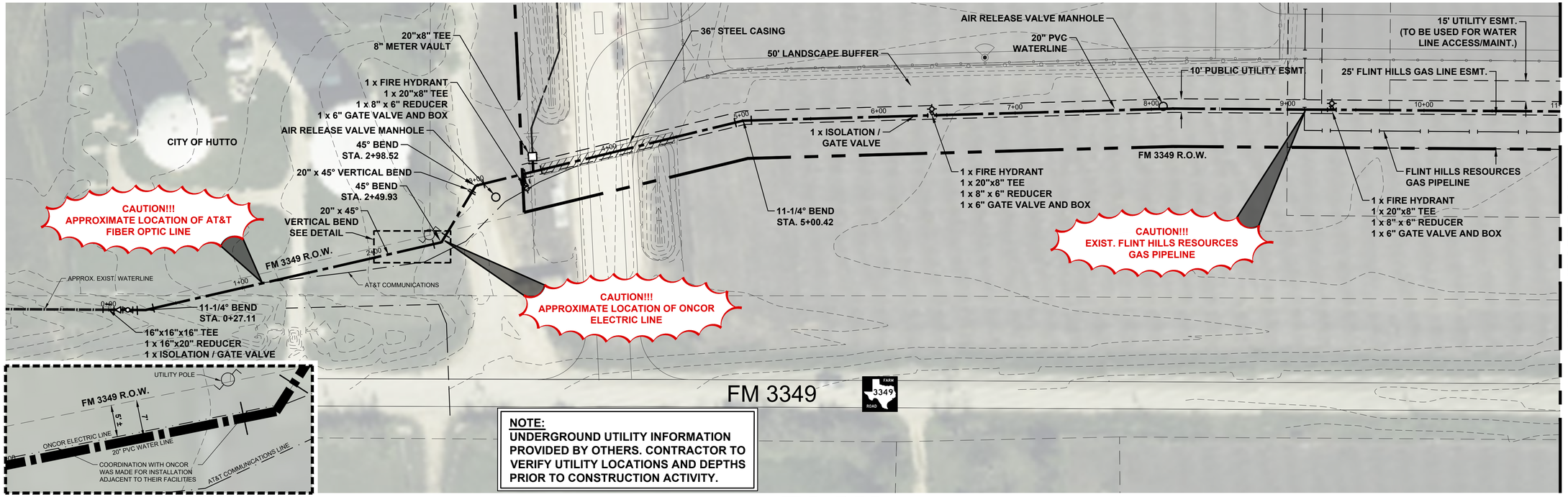
ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
SITE PLAN DETAIL

PZ-2021-1362

C1.2

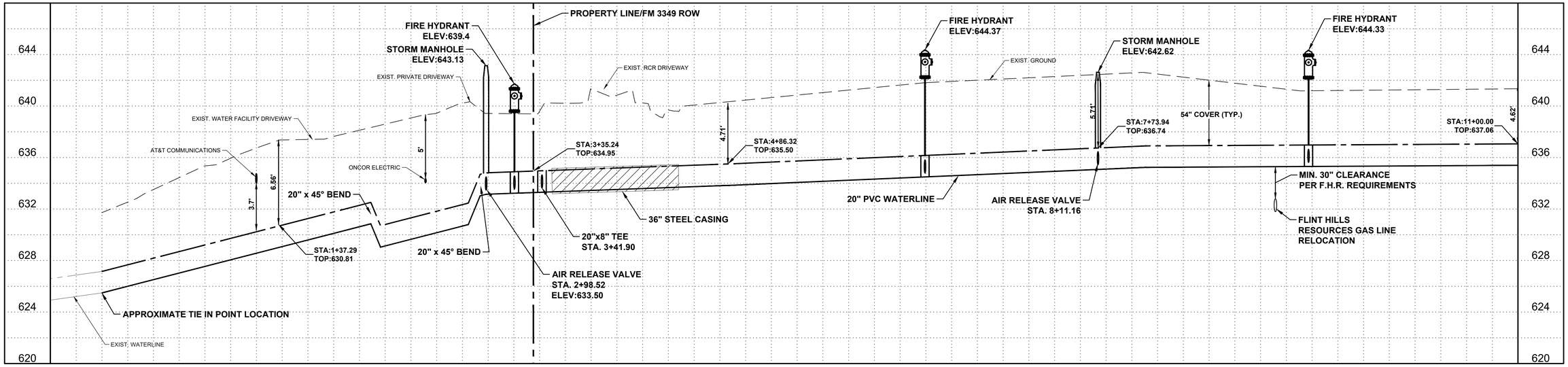
PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-SITE-WL.dwg * 4/4/2023 6:13 PM * Plotted by Richard Heiges



MATCHLINE SEE PAGE C2.2

PLAN



PROFILE
(STA 0+00-11+00)

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

40 0 40 80

REV.	DATE	BY	

RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

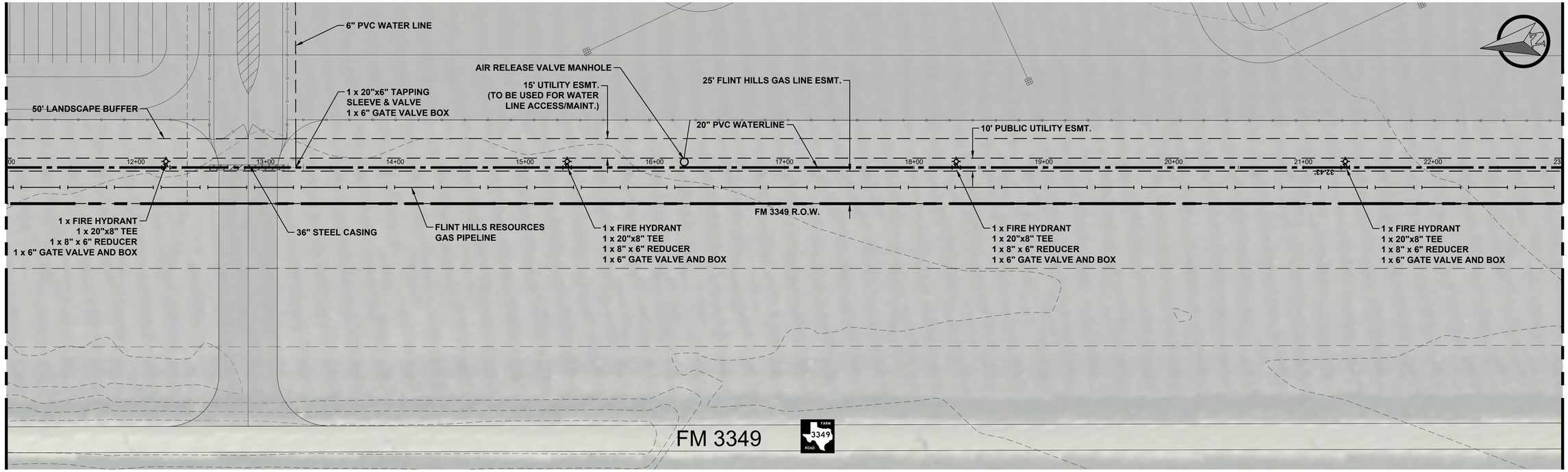
RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

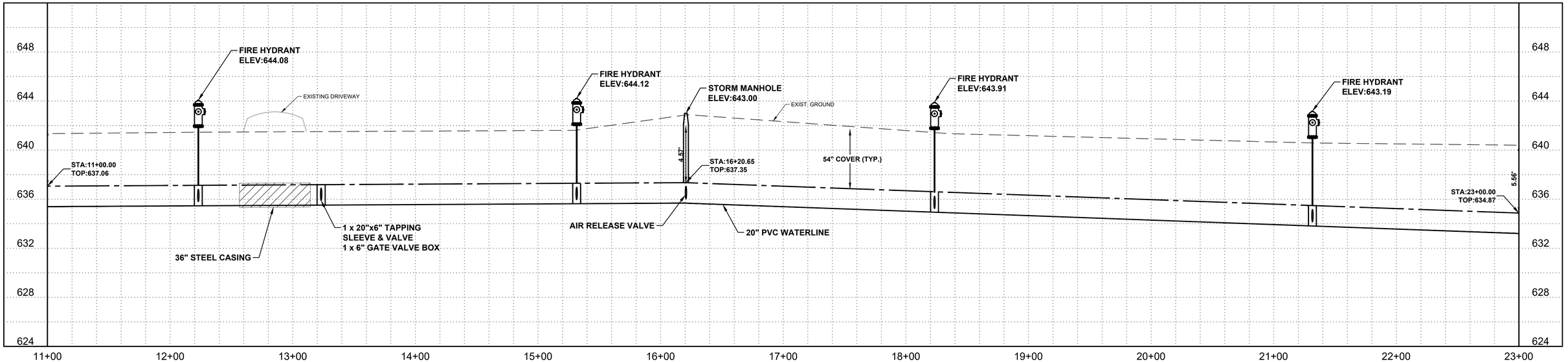
ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE PLAN AND PROFILE

PZ-2021-1362
C2.1
PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-PP-WL.dwg * 4/4/2023 6:14 PM * Plotted by Richard Heiges



PLAN



PROFILE
(STA 11+00-23+00)

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC

35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

40 0 40 80

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

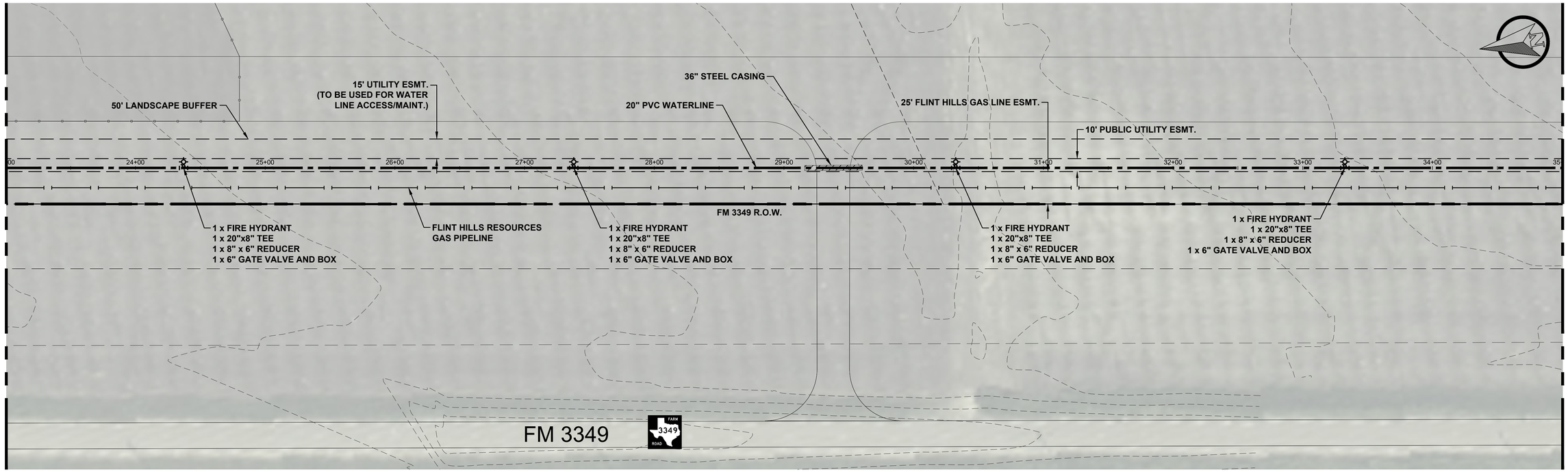
ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE PLAN AND PROFILE

PZ-2021-1362

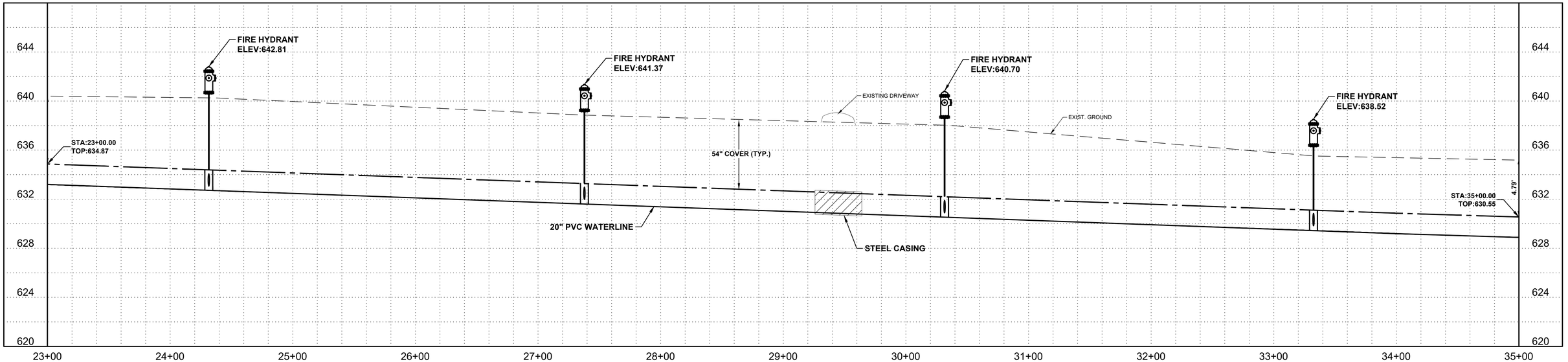
C2.2

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-PP-WL.dwg * 4/4/2023 6:14 PM * Plotted by Richard Heiges



PLAN



PROFILE
(STA 23+00-35+00)

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-PP-WL.dwg * 4/4/2023 6:14 PM * Plotted by Richard Heiges

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC

35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

40 0 40 80

REV.	DATE	BY	

RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

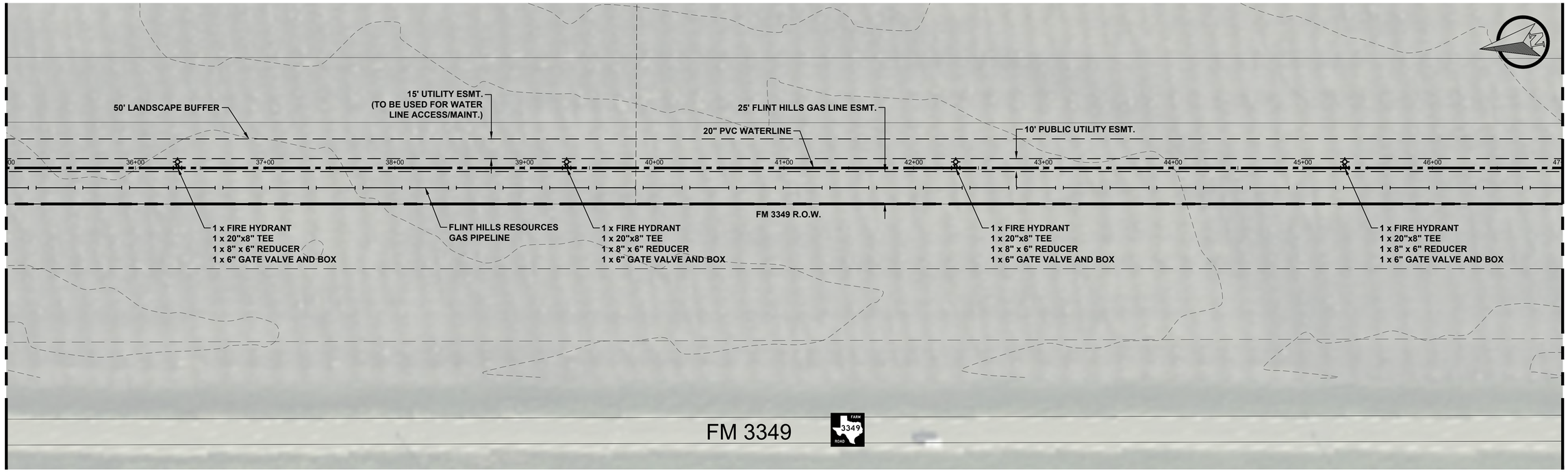
RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE PLAN AND PROFILE

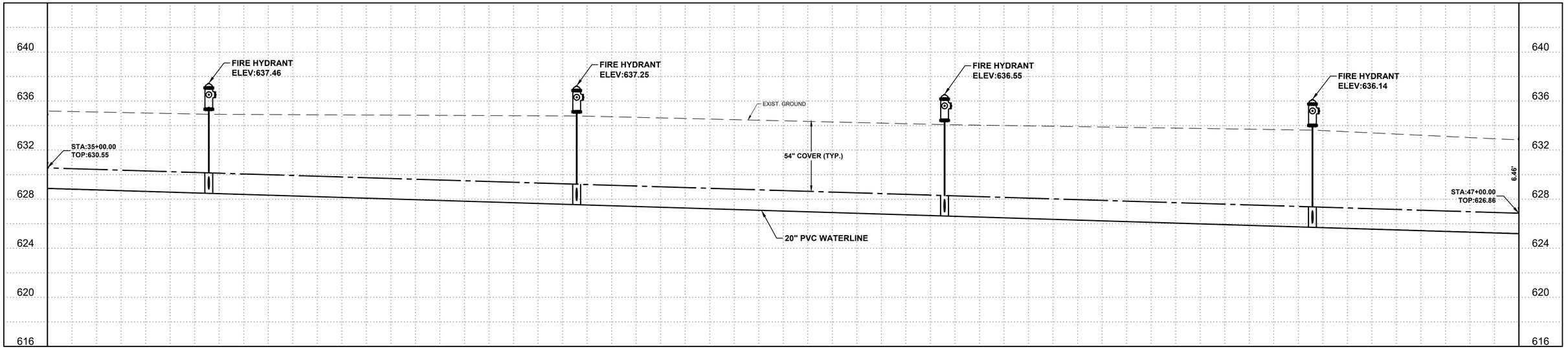
PZ-2021-1362

C2.3

PROJ #: 474-6



PLAN



PROFILE
(STA 35+00-47+00)

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-PP-WL.dwg * 4/4/2023 6:14 PM * Plotted by Richard Heiges

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

40 0 40 80

REV.	DATE	BY	

RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

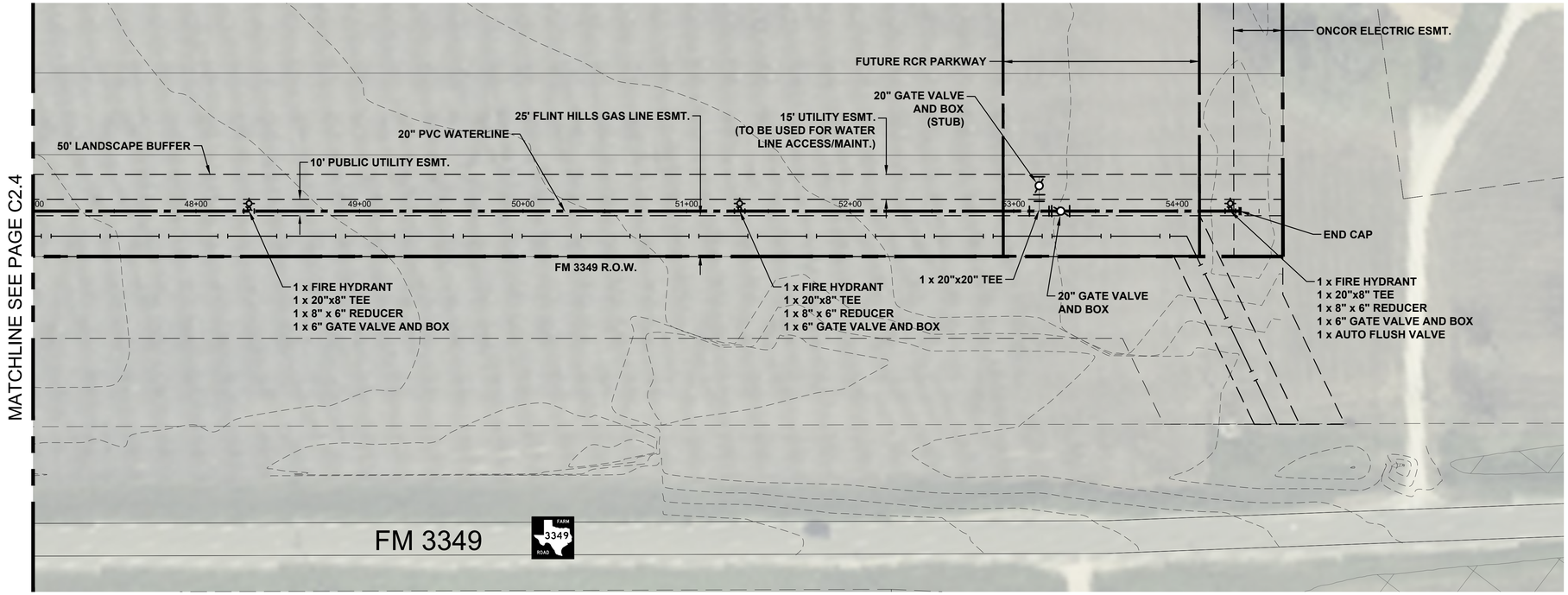
LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE PLAN AND PROFILE

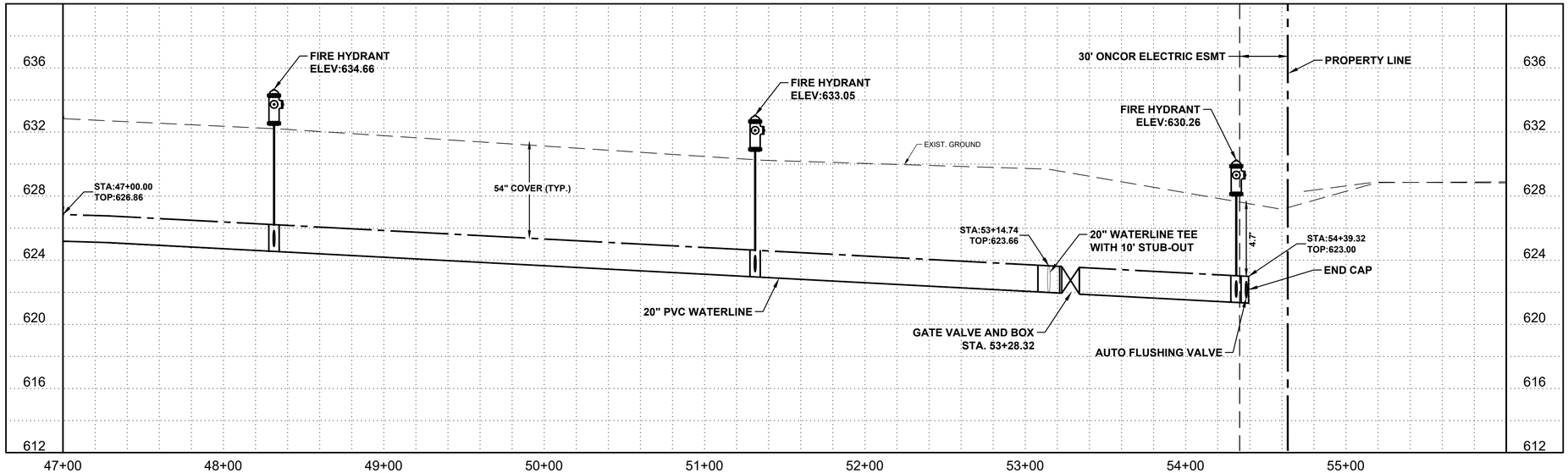
PZ-2021-1362

C2.4

PROJ #: 474-6



PLAN



PROFILE
(STA 47+00-55+00)

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

40 0 40 80

REV.	DATE	BY	

RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE PLAN AND PROFILE

PZ-2021-1362

C2.5

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-PP-WL.dwg * 4/4/2023 6:14 PM * Plotted by Richard Heiges

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-SWPPP-WL.dwg * 4/4/2023 6:39 PM * Plotted by Richard Heiges

EXIST. FLOOD PLAIN

25' FLINT HILLS ESMT.

10' PUBLIC UTILITY ESMT.

SC

SC

PROP. 20" PUBLIC WATERLINE EXTENTION

EXIST. FLOOD PLAIN

SHEET C1.1

SHEET C1.2

LEGEND

- SWPPP — FILTER FABRIC FENCE
- RFB — REINFORCED FABRIC BARRIER
- IPB — INLET PROTECTION BARRIER
- HYDROMULCH SEEDING
- SC — STABILIZED CONSTRUCTION EXIT
- ROCK FILTER DAM
- CONCRETE TRUCK WASHOUT

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
3550S COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

350 0 350 700

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
OVERALL SWPPP LAYOUT

PZ-2021-1362

C3.0

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-SWPPP-WL.dwg * 4/4/2023 6:15 PM * Plotted by Richard Heiges

EXIST. FLOOD PLAIN

(PROPOSED) 25' FLINT HILLS GAS LINE ESMT.

CITY OF HUTTO PROPERTY

EXIST. METER RACK / OHE

APPROX. EXIST. WATERLINE

PROP. FM3349 R.O.W.

FM 3349

SC

FARM 3349 ROAD

PROP. FIRE HYDRANT & CONNECTIONS (TYP.)

25' FLINT HILLS GAS LINE ESMT.

10' PUBLIC UTILITY ESMT.

15' PROP. UTILITY ESMT. (TO BE USED FOR WATER LINE ACCESS/MAINT.)

50' LANDSCAPE BUFFER

PROP. 20" PUBLIC WATERLINE EXTENTION

START OF PUBLIC WATERLINE EXTENSION
NOTE
THIS PORTION OF THE PROPOSED WATER LINE EXTENSION SITUATED WITHIN THE FM 3349 RIGHT-OF-WAY WAS APPROVED BY TxDOT VIA UTILITY PERMIT APPLICATION AUS20220328100934 - NO. 13

EXIST. FLOOD PLAIN

NOTE:
FFFS TO BE PLACED @ 30' OFFSET FROM PROPOSED WATERLINE CENTER.
RFBS TO BE PLACED @ 200' INTERVALS WHERE/AS APPLICABLE.
IPBS TO BE PLACED @ ALL PIPE INLETS.
SCE TO BE PLACED AT NORTH AND MID ENTRANCES ALONG FM 3349.
SWPPP OVERVIEW IS INTENDED AS A GUIDE. CONTRACTOR IS RESPONSIBLE FOR CREATING/APPLYING DOCUMENTS FOR SWPPP PERMITTING.

NOTE:
WATERLINE CONSTRUCTION TO BE BUILT TO CITY OF TAYLOR ENGINEERING MANUAL SPECIFICATIONS.

LEGEND

- FFF — FILTER FABRIC FENCE
- RFB — REINFORCED FABRIC BARRIER
- IPB — INLET PROTECTION BARRIER
- HYDROMULCH SEEDING
- SC — STABILIZED CONSTRUCTION EXIT
- ROCK FILTER DAM
- CONCRETE TRUCK WASHOUT

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
3550S COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

100 0 100 200

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED PROFESSIONAL ENGINEER
0330-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

LOCATION AND DESCRIPTION:

MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

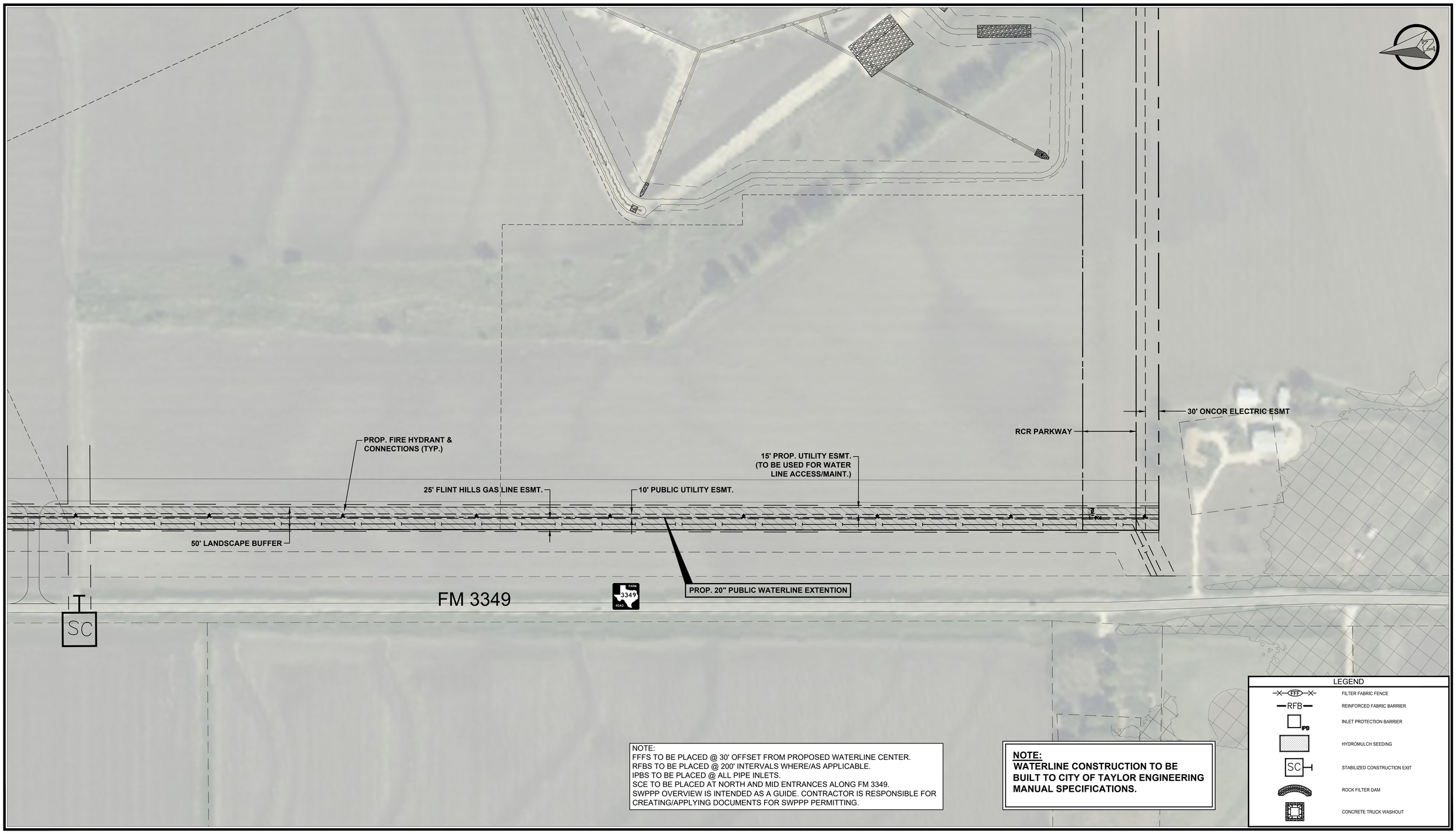
ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
SWPPP DETAIL

PZ-2021-1362

C3.1

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENGVA-DWG\474-6-C-SWPPP-WL.dwg * 4/4/2023 6:15 PM * Plotted by Richard Heiges



NOTE:
FFFS TO BE PLACED @ 30' OFFSET FROM PROPOSED WATERLINE CENTER.
RFBS TO BE PLACED @ 200' INTERVALS WHERE/AS APPLICABLE.
IPBS TO BE PLACED @ ALL PIPE INLETS.
SCE TO BE PLACED AT NORTH AND MID ENTRANCES ALONG FM 3349.
SWPPP OVERVIEW IS INTENDED AS A GUIDE. CONTRACTOR IS RESPONSIBLE FOR CREATING/APPLYING DOCUMENTS FOR SWPPP PERMITTING.

NOTE:
WATERLINE CONSTRUCTION TO BE BUILT TO CITY OF TAYLOR ENGINEERING MANUAL SPECIFICATIONS.

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

100 0 100 200

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

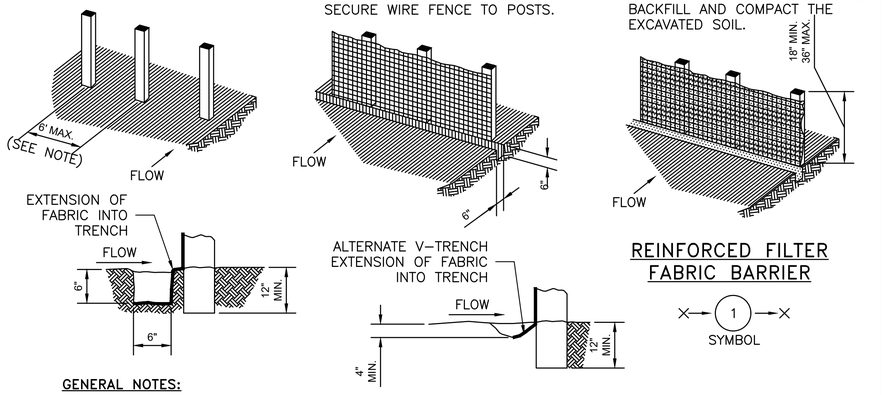
RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
SWPPP DETAIL

PZ-2021-1362

C3.2

PROJ #: 474-6

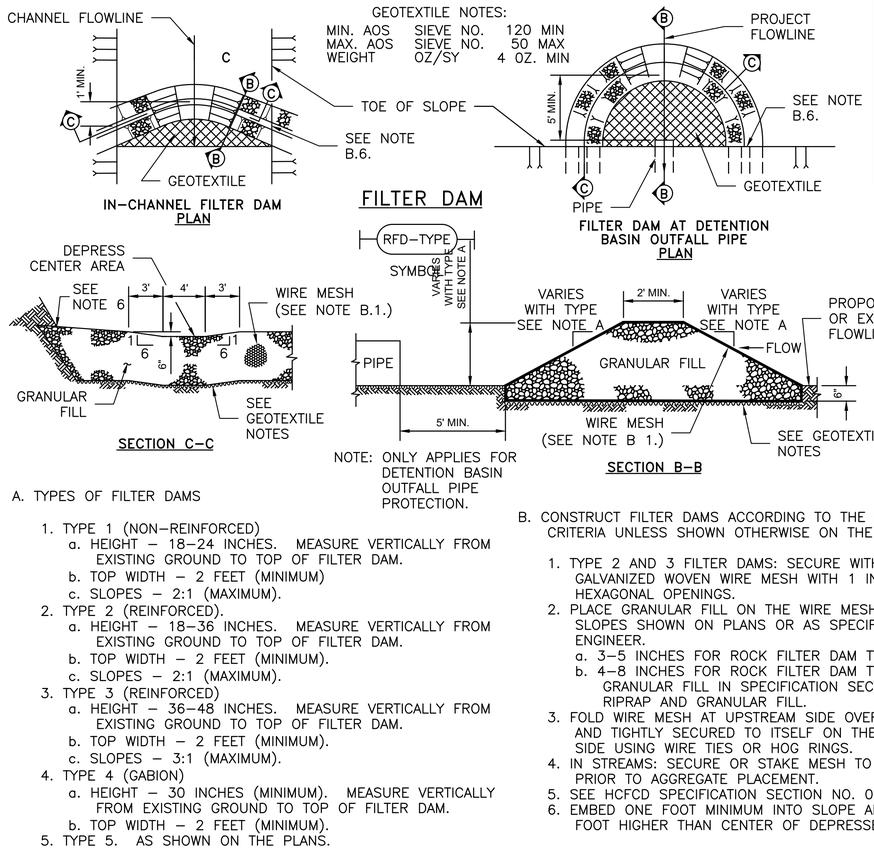


REINFORCED FILTER FABRIC BARRIER

SYMBOL

GENERAL NOTES:

1. SECURELY FASTEN MESH FENCING TO POSTS WITH STAPLES OR TIE WIRES.
2. SECURELY FASTEN FILTER FABRIC TO MESH FENCING.
3. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER, OVERLAP 6 INCHES AT A POST, FOLD TOGETHER, AND ATTACH TO A POST.
4. REMOVE SEDIMENT DEPOSITS WHEN SILT REACHES ONE-THIRD OF THE HEIGHT OF THE FENCE IN DEPTH.

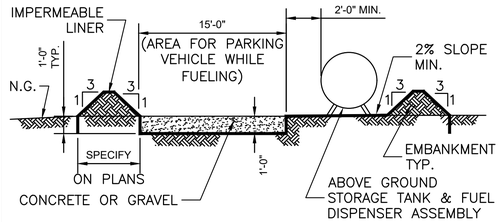


A. TYPES OF FILTER DAMS

1. TYPE 1 (NON-REINFORCED)
   a. HEIGHT – 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM)
   c. SLOPES – 2:1 (MAXIMUM).
2. TYPE 2 (REINFORCED).
   a. HEIGHT – 18-36 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
   c. SLOPES – 2:1 (MAXIMUM).
3. TYPE 3 (REINFORCED)
   a. HEIGHT – 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
   c. SLOPES – 3:1 (MAXIMUM).
4. TYPE 4 (GABION)
   a. HEIGHT – 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
5. TYPE 5. AS SHOWN ON THE PLANS.

B. CONSTRUCT FILTER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.

1. TYPE 2 AND 3 FILTER DAMS: SECURE WITH 20 GAUGE GALVANIZED WOVEN WIRE MESH WITH 1 INCH DIAMETER HEXAGONAL OPENINGS.
2. PLACE GRANULAR FILL ON THE WIRE MESH TO HEIGHT AND SLOPES SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER.
   a. 3-5 INCHES FOR ROCK FILTER DAM TYPES 1, 2 AND 4.
   b. 4-8 INCHES FOR ROCK FILTER DAM TYPE REFER TO GRANULAR FILL IN SPECIFICATION SECTION No. 02378 RIPRAP AND GRANULAR FILL.
3. FOLD WIRE MESH AT UPSTREAM SIDE OVER GRANULAR FILL AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR HOG RINGS.
4. IN STREAMS: SECURE OR STAKE MESH TO STREAM BED PRIOR TO AGGREGATE PLACEMENT.
5. SEE HCFCD SPECIFICATION SECTION NO. 02364-FILTER DAMS.
6. EMBED ONE FOOT MINIMUM INTO SLOPE AND RAISE ONE FOOT HIGHER THAN CENTER OF DEPRESSED AREA AT SLOPE.

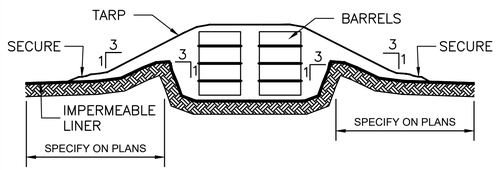


ABOVE GROUND TEMP. VEHICLE & EQUIPMENT FUELING AREA WITH TANK

TFA SYMBOL

GENERAL NOTES:

1. THE SIZE OF TANK FOUNDATION AREA DEPENDS ON THE SIZE OF ABOVE GROUND STORAGE TANK AND DISPENSER ASSEMBLY.
2. PROVIDE A MINIMUM SLOPE OF 2 % TOWARD THE SUMP PIT.
3. INSTALL IMPERMEABLE LINER AS PER MANUFACTURER'S RECOMMENDATIONS.

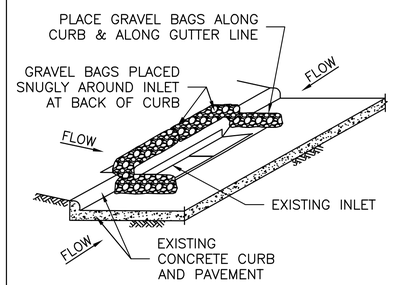


BARREL STORAGE AREA

BSA SYMBOL

GENERAL NOTES:

1. ALTERNATIVELY, STORE BARRELS IN AN ENCLOSED BUILDING OR SHED.
2. INSTALL IMPERMEABLE LINER AS PER MANUFACTURER'S RECOMMENDATIONS. 60 mil MINIMUM.
3. CONSTRUCT BERMED AREA WITH VOLUME GREATER THAN OR EQUAL TO 110% VOLUME OF BARRELS.

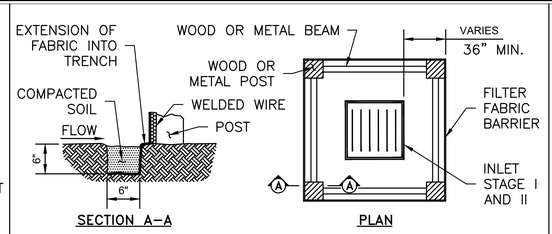


INLET PROTECTION BARRIERS FOR STAGE II INLETS

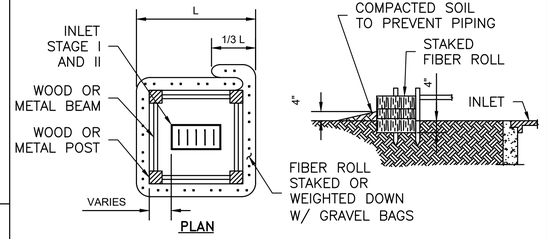
IPB-II SYMBOL

GENERAL NOTES:

1. REMOVE SEDIMENT DEPOSIT WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.
2. GRAVEL BAGS SHALL NOT BLOCK THROAT OF INLET UNLESS DIRECTED BY ENGINEER.



INLET PROTECTION BARRIER WITH REINFORCED FILTER FABRIC



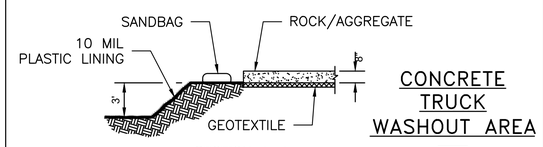
INLET PROTECTION BARRIER WITH FILTER ROLLS

GENERAL NOTES:

1. FIBER ROLLS WILL BE UTILIZED ONLY WHEN SITE CONDITIONS DO NOT PERMIT THE USE OF FILTER FABRIC BARRIER, AND AS APPROVED BY THE ENGINEER.

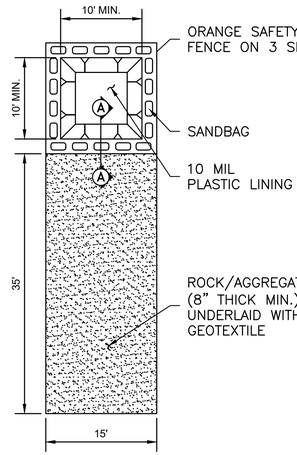
INLET PROTECTION BARRIERS FOR STAGE I INLETS

IPB SYMBOL



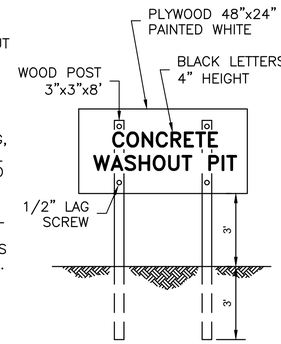
CONCRETE TRUCK WASHOUT AREA

CTW SYMBOL

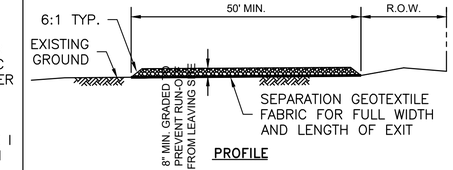


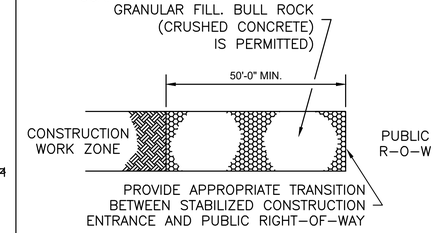
GENERAL NOTES:

1. POST A SIGN READING "CONCRETE WASHOUT PIT" NEXT TO THE PIT.
2. VERBALLY INSTRUCT THE CONCRETE TRUCK DRIVERS WHERE THE PIT IS AND TO WASHOUT THEIR TRUCKS IN THE PIT AND NOWHERE ELSE.
3. UPON THE CONCRETE SETTING UP (CURING, DRYING OUT), THE CONCRETE WASTE SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF PROPERLY BY THE CONTRACTOR. AFTER REMOVAL OF THE CONCRETE WASTE, THE WASHOUT PIT SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED TO IN-SITU CONDITIONS, OR AS DIRECTED BY THE PROJECT SPECIFICATIONS.
4. CONCRETE WASHOUT PITS SHALL NOT BE LOCATED DIRECTLY ADJACENT TO, NOR AT ANY TIME DRAIN INTO THE STORM SEWER SYSTEM OR ANY OTHER SWALE, DITCH, OR WATERWAY.
5. CONSTRUCT ENTRY ROAD AND BOTTOM OF WASHOUT AREA TO SUPPORT EXPECTED LOADINGS FROM TRUCKS EQUIPMENT.



SIGN DETAIL (OR EQUIVALENT)





STABILIZED CONSTRUCTION ACCESS

SC-1 SYMBOL

GENERAL NOTES:

1. MINIMUM LENGTH IS AS SHOWN ON CONSTRUCTION DRAWINGS OR 50 FEET, WHICHEVER IS MORE.
2. CONSTRUCT AND MAINTAIN CONSTRUCTION EXIT WITH CONSTANT WIDTH ACROSS ITS LENGTH, INCLUDING ALL POINTS OF INGRESS OR EGRESS.
3. UNLESS SHOWN ON THE CONSTRUCTION DRAWINGS, STABILIZATION FOR OTHER AREAS WILL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION EXIT.
4. WHEN SHOWN ON THE CONSTRUCTION DRAWINGS, WIDEN OR LENGTHEN STABILIZED AREA TO ACCOMMODATE A TRUCK WASHING AREA. PROVIDE OUTLET SEDIMENT TRAP FOR THE TRUCK WASHING AREA.
5. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL COARSE AGGREGATE TO MAINTAIN THE REQUIRED DEPTH OR WHEN SURFACE BECOMES PACKED WITH MUD.
6. PERIODICALLY TURN AGGREGATE TO EXPOSE A CLEAN DRIVING SURFACE.
7. MINIMUM 14' WIDTH FOR ONE WAY TRAFFIC AND 20' WIDTH FOR TWO WAY TRAFFIC.

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-DET-SWPPP-WL.dwg * 4/4/2023 6:16 PM * Plotted by Richard Heiges

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

NOT TO SCALE

REV.	DATE	BY	

RICHARD W. HEIGES 123135 LICENSED PROFESSIONAL ENGINEER STATE OF TEXAS 03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

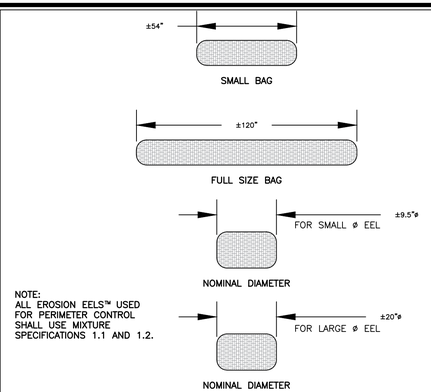
RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
SWPPP DETAIL (1 OF 2)

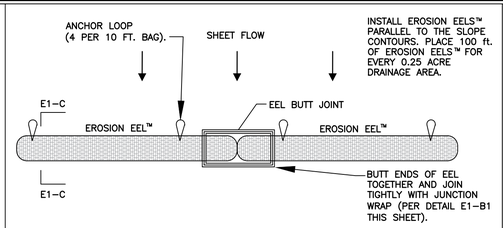
PZ-2021-1362

C3.3

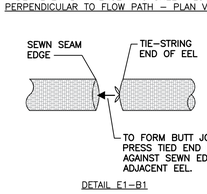
PROJ #: 474-6



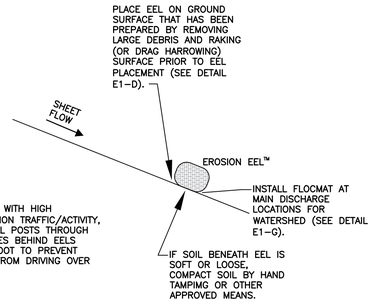
DETAIL E1–A: EROSION EELS™
N.T.S.



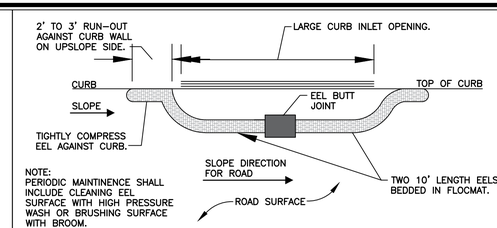
DETAIL E1–B: INTERCEPTING SHEET FLOW
PERPENDICULAR TO FLOW PATH – PLAN VIEW



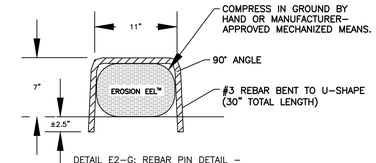
DETAIL E1–B1



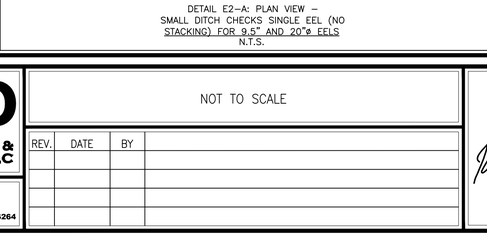
DETAIL E1–C: INTERCEPTING SHEET FLOW
PERPENDICULAR TO FLOW PATH – PLAN VIEW



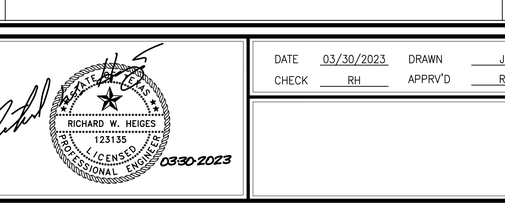
DETAIL E3–E: PLAN VIEW – LARGE CURB INLET
N.T.S.



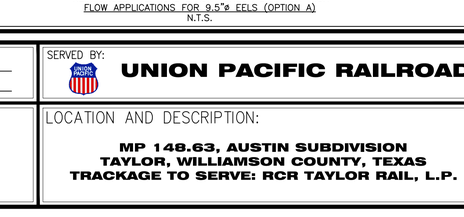
DETAIL E2–G: REBAR PIN DETAIL –
OPTIONAL/IN ADDITION TO T–POSTS FOR 9.5"ø EELS
N.T.S.



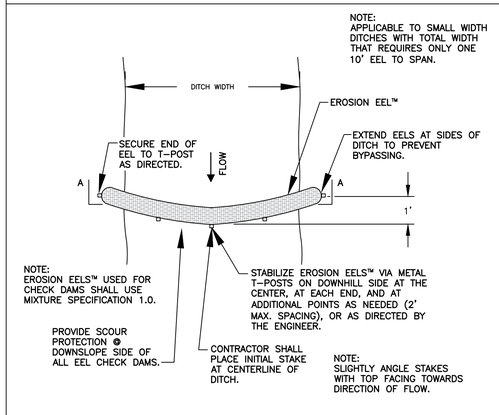
DETAIL E1–E: PLAN VIEW –
OVERLAP/JOINT DETAIL NEAR DISCHARGE POINTS FROM WATERSHED
N.T.S.



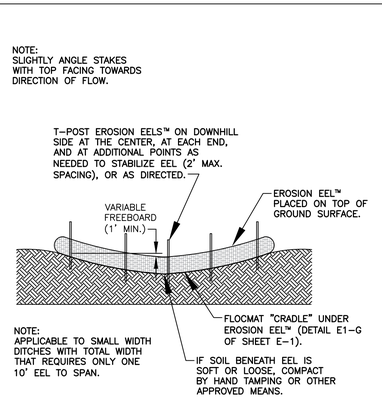
DETAIL E1–F: PLAN VIEW – TYPICAL
ARRANGEMENT OF EELS USED FOR PERIMETER CONTROL
N.T.S.



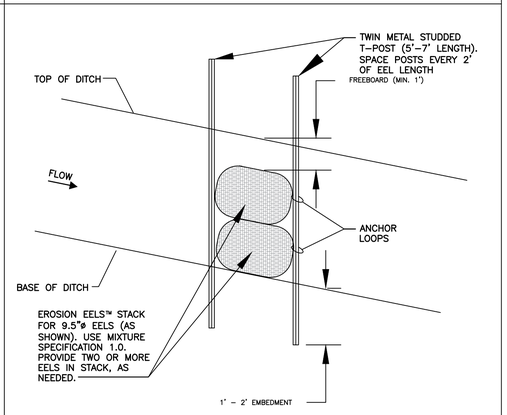
DETAIL E3–B: INLET SEDIMENT TRAP
N.T.S.



DETAIL E2–A: PLAN VIEW –
SMALL DITCH CHECKS SINGLE EEL (NO STACKING) FOR 9.5" AND 20"ø EELS
N.T.S.



DETAIL E2–B: SECTION – SMALL DITCH CHECKS FOR 9.5" AND 20"ø EELS
N.T.S.



DETAIL E2–E: SECTION – TYPICAL DETAIL –
REINFORCED "VERTICAL STACK" CHECK DAM FOR HIGH FLOW APPLICATIONS FOR 9.5"ø EELS (OPTION A)
N.T.S.

GENERAL NOTES:

1. EROSION EELS USED IN PERIMETER CONTROL APPLICATIONS SHALL HAVE A SPECIFICATION MIXTURE 1.1 OR 1.2.
   a. MIXTURE SPECIFICATION 1.1. A FILTER MIXTURE COMPRISED OF 50% SHREDDED RUBBER AND 50% WOOD CHIP PARTICLES BY VOLUME. THE SHREDDED RUBBER SHALL BE WASHED AND PROCESSED TO REMOVE MOST, IF NOT ALL, METAL COMPONENTS. THE RUBBER SHALL BE DERIVED FROM RECYCLED TIRES AND SHALL BE SHREDDED TO PRODUCE A MAXIMUM PARTICLE SIZE OF +/– 3/4 INCH. THE WOOD CHIPS SHALL BE PRODUCED FROM HARDWOOD TREES AND SHALL CONFIRM TO AASHTO CERTIFICATION SPECIFICATION MP 9–03.
   b. MIXTURE SPECIFICATION 1.2. A FILTER MIXTURE COMPRISED OF 1/3 SHREDDED RUBBER, 1/3 WOOD CHIPS, AND 1/3 RECYCLED SYNTHETIC FIBERS. THE SHREDDED RUBBER SHALL BE WASHED AND PROCESSED TO REMOVE MOST, IF NOT ALL, METAL COMPONENTS. THE RUBBER SHALL BE DERIVED FROM RECYCLED TIRES AND SHALL BE SHREDDED TO PRODUCE A MAXIMUM PARTICLE SIZE OF +/– 3/4 INCH. THE WOOD CHIPS SHALL BE PRODUCED FROM HARDWOOD TREES AND SHALL CONFIRM TO AASHTO CERTIFICATION SPECIFICATION MP 9–03. THE SYNTHETIC FIBERS SHALL BE PRODUCED FROM RECYCLED, MANUFACTURED MATERIALS, SUCH AS, BUT NOT LIMITED TO, PRE–CONSUMER SCRAP CARPET, TIRE CHORD, AND TIRE FIBER MATERIALS.
2. EROSION EELS SHALL BE MANUFACTURED FROM A WOVEN GEOTEXTILE COVERING WITH INTERIOR FILTER MATERIALS SUCH AS 100% SHREDDED RUBBER (MIXTURE SPECIFICATION 1.0, 50% SHREDDED RUBBER/50% AASHTO–CERTIFIED WOOD CHIPS (MIXTURE SPECIFICATION 1.1).
3. LENGTHS OF EROSION EELS SHALL BE EITHER A NOMINAL +/–10 FT. OR +/– 4.5 FT. NOMINAL DIAMETER SHALL BE +/–9.5 INCHES.
4. EROSION EELS CAN BE PLACED AT THE TOP, ON THE FACE, OR AT THE TOE OF SLOPES TO INTERCEPT RUNOFF, REDUCE FLOW VELOCITY, RELEASE THE RUNOFF AS SHEET FLOW AND PROVIDE REMOVAL OF SEDIMENT FROM THE RUNOFF.
5. EROSION EELS SHALL BE INSTALLED ALONG THE GROUND CONTOUR, AT THE TOE OF SLOPES, AT AN ANGLE TO THE CONTOUR TO DIRECT FLOW AS A DIVERSION BERM, AROUND INLET STRUCTURES, IN A DITCH AS A CHECK DAM TO HELP REDUCE SUSPENDED SOLIDS LOADING AND RETAIN SEDIMENT, OR AS A GENERAL FILTER FOR ANY DISTURBED SOIL AREA.
6. NO TRENCHING IS REQUIRED FOR INSTALLATION OF EROSION EELS
7. PREPARE BED FOR EEL INSTALLATION BY REMOVING ANY LARGE DEBRIS INCLUDING ROCKS, SOIL CLODS, AND WOODY VEGETATION. EROSION EELS CAN ALSO BE PLACED OVER PAVED SURFACES INCLUDING CONCRETE AND ASPHALT WITH NO SURFACE PREPARATION REQUIRED.
8. RAKE BED AREA WITH A HAND RAKE OR BY DRAG HARROW.
9. DO NOT PLACE EEL DIRECTLY OVER RILL AND GULLIES UNTIL AREA HAS BEEN HAND–EXCAVATED AND RAKED TO PROVIDE A LEVEL BEDDING SURFACE. ALL SURFACES SHALL BE UNIFORMLY COMPACTED FOR MAXIMUM SEATING OF EELS IN PLACE.
10. FOR LOCATIONS WHERE EELS WILL BE PLACED IN CONCENTRATED FLOWS (SUCH AS CHECK DAMS, INLET PROTECTION) AND FOR PERIMETER CONTROLS AT PRIMARY DISCHARGE LOCATIONS, BED THE EELS IN A FLOCMAT CRADLE PER THE DETAILED DRAWINGS.
11. FOR DITCH APPLICATIONS, THE MAXIMUM DRAINAGE AREA SHALL BE 10 ACRES.
12. IF MORE THAN ONE EROSION EEL IS PLACED IN A ROW, THE EELS SHALL BE OVERLAPPED A MINIMUM OF 12 INCHES TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THE FIELD JOINT. COMPRESS THE TWO EELS OF THE OVERLAP TIGHTLY TOGETHER EITHER BY HAND OR MANUFACTURER–APPROVED MECHANIZED MEANS.
13. WHEN USED IN DITCHES AS A CHECK DAM, EROSION EELS SHALL BE INSTALLED PER MANUFACTURER'S DETAILS.
14. FOR CHECK DAM APPLICATIONS, EROSION EELS SHALL BE PLACED PERPENDICULAR TO THE FLOW OF THE WATER. EROSION EELS SHALL CONTINUE UP THE SIDES SLOPES A MINIMUM OF 3 FEET ABOVE THE DESIGN FLOW DEPTH.
15. EROSION EELS SHALL REMAIN IN PLACE UNTIL FULLY ESTABLISHED VEGETATION HAS COMPLETELY DEVELOPED OR UNTIL THE STORAGE CAPACITY/FUNCTIONAL LIFE OF THE EEL HAS BEEN EXHAUSTED (REQUIRING REPLACEMENT WITH NEW EELS).
16. ANCHORING POSTS FOR CHECK DAM APPLICATIONS SHALL HAVE A MINIMUM WEIGHT OF 1.25 LBS/FT STEEL T–POSTS (5 TO 7 FT. LENGTHS) ROLLED FROM HIGH CARBON STEEL. POSTS SHOULD BE HOT–DIP GALVANIZED OR COATED WITH A WEATHER–RESISTANT PAINT FOR STEEL APPLICATION. POSTS SHOULD BE EQUIPPED WITH A METAL ANCHOR PLATE. INSTALL PER DETAILS ON THIS SHEET.
17. PLACE T–POSTS THROUGH HANDLE OF BAGS. DO NOT DRIVE POSTS THROUGH EROSION EELS . T–POSTS ARE TO BE EMBEDDED A MINIMUM OF 2 FT INTO GROUND.

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6–Water Line Extension\B–Full Design Engineering\2–ENG\A–DWG\474–6–C–DET–SWPPP–WL.dwg * 4/4/2023 6:16 PM * Plotted by Richard Heiges

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

NOT TO SCALE

REV.	DATE	BY	

RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

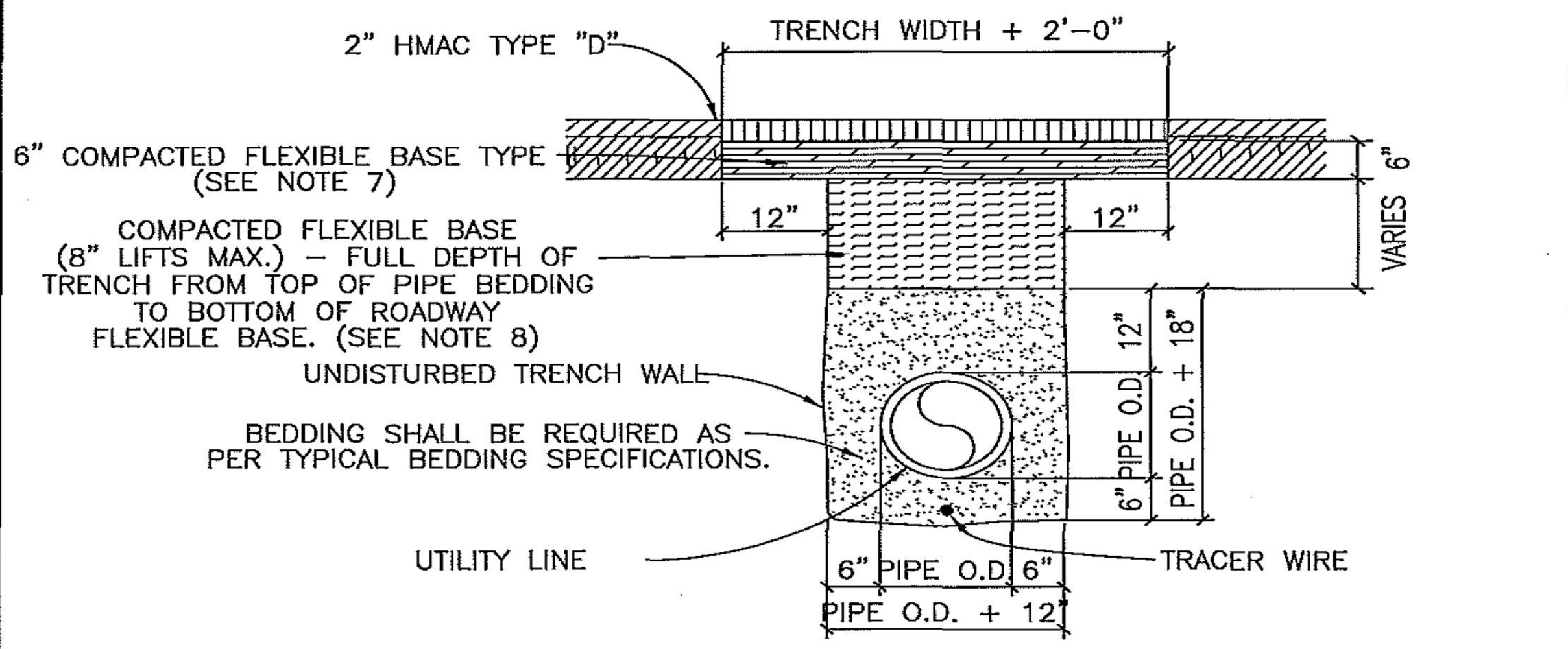
ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
SWPPP DETAIL (2 OF 2)

PZ–2021–1362

C3.4

PROJ #: 474–6

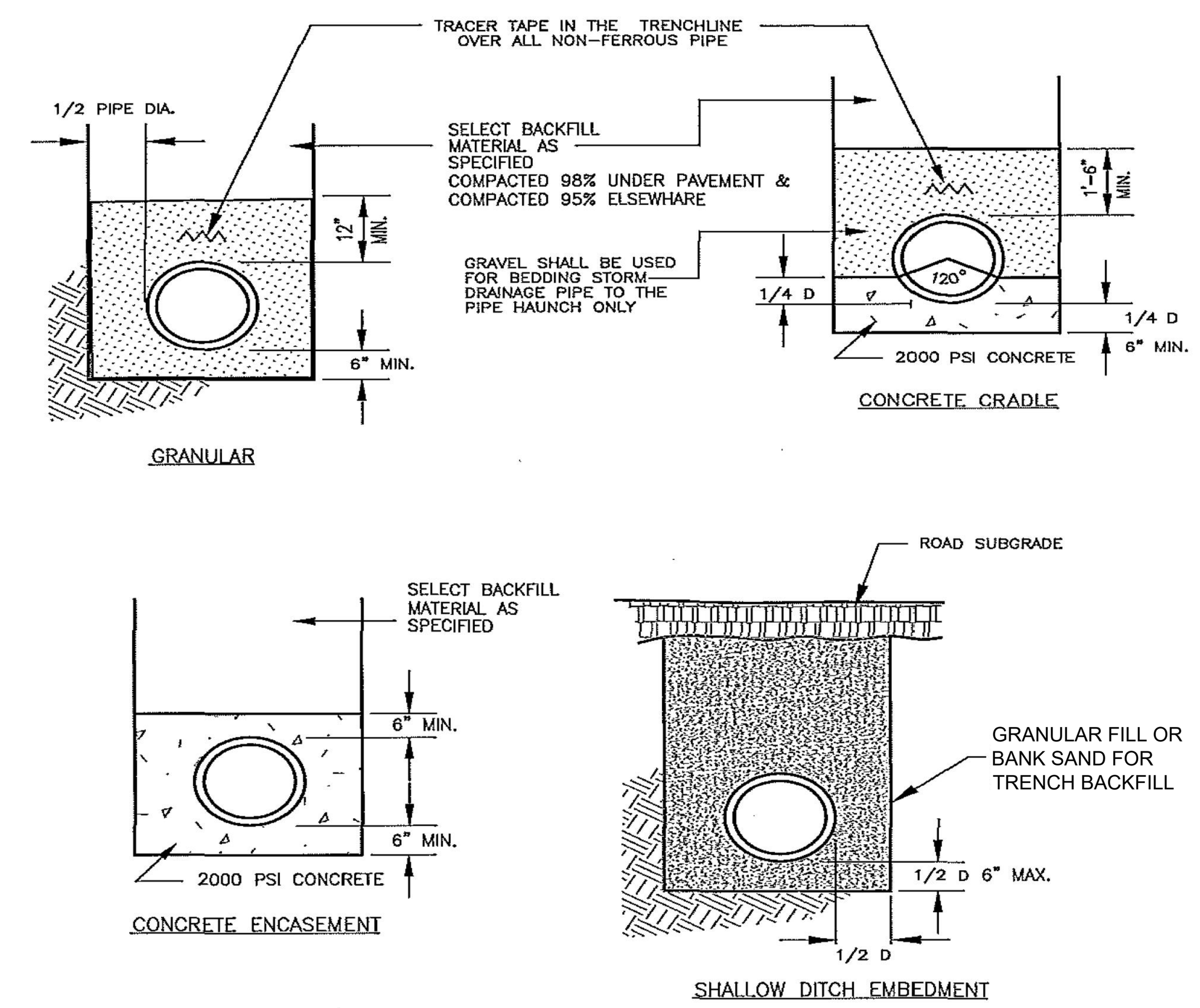
9 TRENCH WITH PAVEMENT UNDER EXISTING ROADWAY — N.T.S.



NOTES:
1. REPLACED BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE.
2. BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO SPECIFIED MAXIMUM DENSITY.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE.
5. A MINIMUM OF ONE DENSITY TEST SHALL BE TAKEN EVERY FIVE HUNDRED (500) FEET FOR EACH SIX (6) INCH LIFT OF SUBGRADE AND EACH OPEN CUT CROSSING. PROCTORS FOR MATERIALS USED IN BACKFILLING SHALL BE OBTAINED BY A CERTIFIED LABORATORY. DENSITY TESTS SHALL BE CONDUCTED BY A CERTIFIED LABORATORY OR THE PERMITTEE'S CONSULTANTS. THE PERCENTAGE OF MAXIMUM DENSITY REQUIRED SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "THE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AT THE TIME THE PERMIT WAS ISSUED. ALL DENSITY TESTS SHALL BE COMPLETED AND ACCEPTED ON EACH LAYER PRIOR TO ADDITIONAL BACKFILLING. A COPY OF ALL COMPLETED AND ACCEPTED DENSITY TESTS SHALL BE FURNISHED TO CITY.
6. THESE SPECIFICATIONS MAY BE SUPERSEDED BY THE GOVERNING AGENCY.
7. FLEXIBLE BASE: (ROADWAY BASE)
   TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 100% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR.
8. FLEXIBLE BASE: (TRENCH BACKFILL)
   TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 98% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR.
9. CONTRACTOR OR ENGINEER MAY REQUEST FOR USE OF ALTERNATE BACKFILL MATERIAL. ALTERNATE MATERIALS AND TESTING PROTOCOL MUST BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER PRIOR TO USE.

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | TRENCH DETAIL WITH PAVEMENT REPLACEMENT UNDER EXISTING ROADWAY | STANDARD UT 006

8 STANDARD EMBEDMENT AND ENCASEMENT — N.T.S.

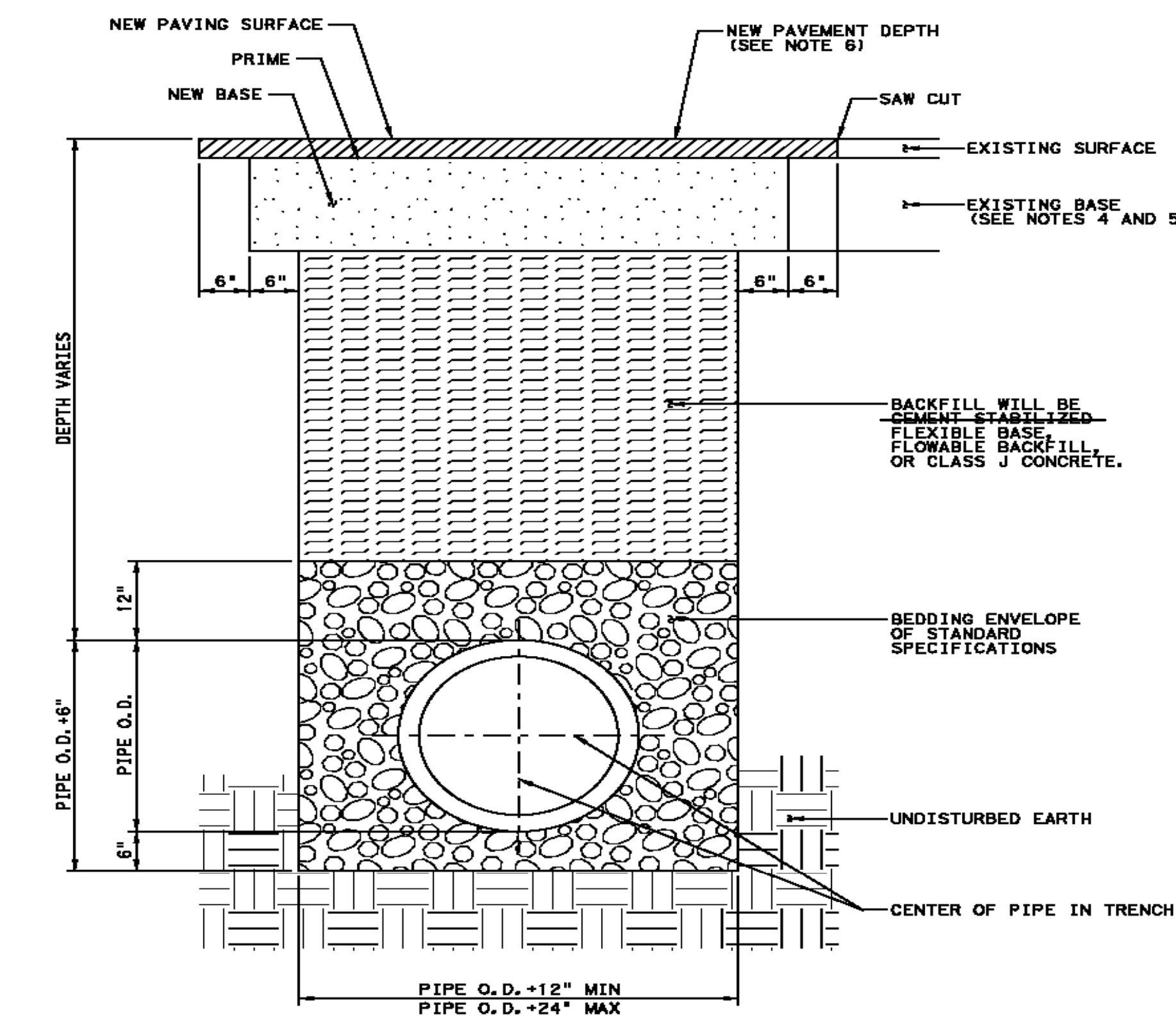


** TYPICAL BEDDING SPECIFICATIONS:

SIEVE SIZE	3/8" F % RETAINED	1/2" D % RETAINED	WASHED GRAVEL % RETAINED
1/2"	0	0	0
3/8"	0–2	5–25	–
4m	40–85	80–100	–
10m	95–100	96–100	–
3/4"	–	–	100

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD EMBEDMENT AND ENCASEMENT | STANDARD UT 005

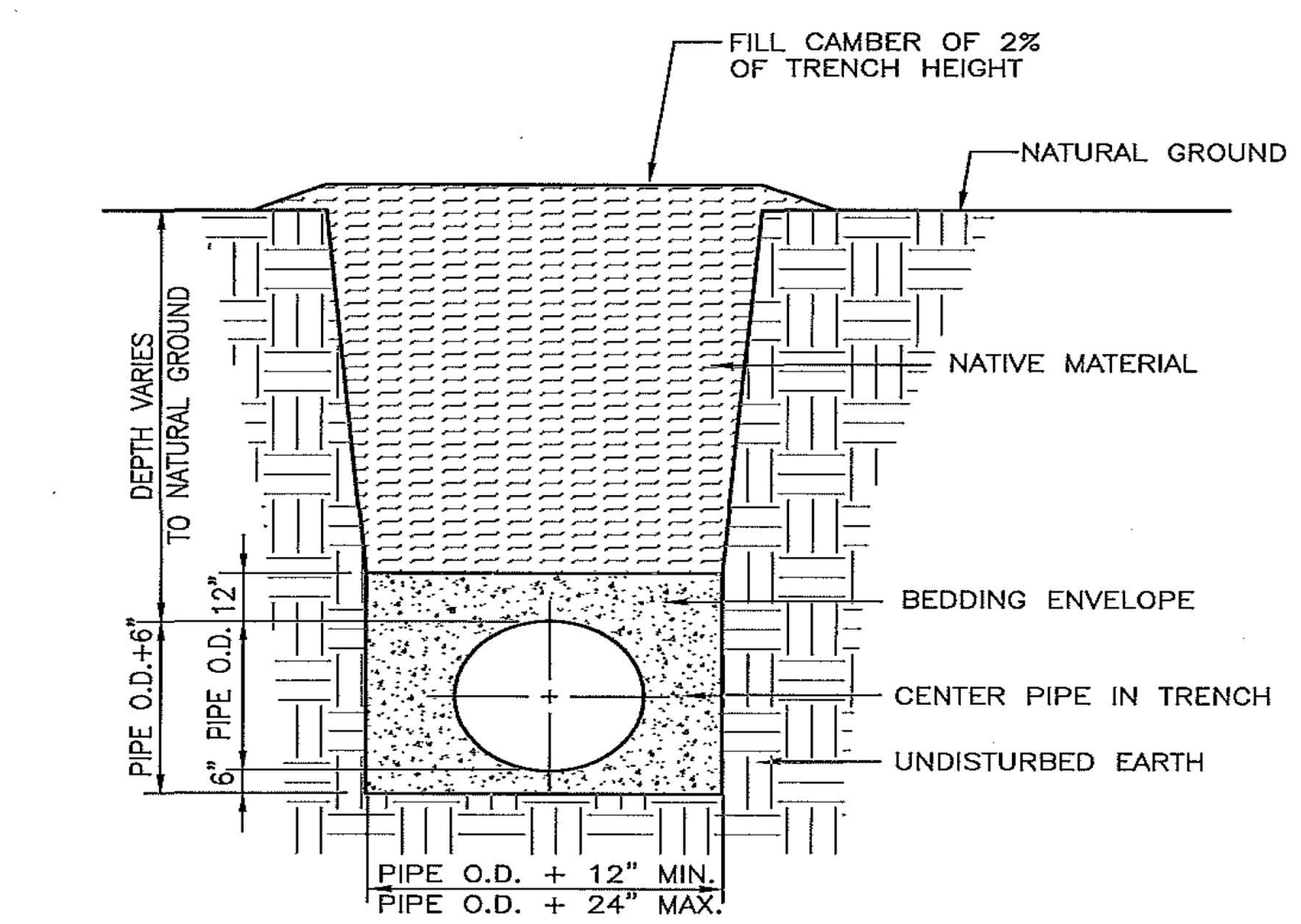
7 TYPICAL TRENCH WITH PAVED SURFACE — N.T.S.



NOTES:
1. THE EXISTING PAVING SURFACE WILL BE SAW CUT IN A STRAIGHT LINE A MINIMUM OF 12" WIDER THAN THE UNDISTURBED SIDES OF THE TRENCH, SYMMETRICAL ABOUT THE CENTERLINE OF THE EXCAVATION.
2. ANY CONCRETE PAVING WILL BE SAW CUT 6" WIDER THAN THE UNDISTURBED SIDES OF THE EXCAVATION.
3. IF THE EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE, THE SURFACE WILL BE MAINTAINED LEVEL WITH THE ADJACENT RIDING SURFACE WITH COLD MIX OR TEMPORARY HOT MIX.
4. ROAD BASE AND SURFACE MATERIALS IN THE TRENCH CUT WILL BE REPLACED IN KIND OF EQUAL THICKNESS, OR A MINIMUM BASE THICKNESS OF 10 INCHES, WHICHEVER IS GREATER.
5. ALL DAMAGED AREAS OF PAVEMENT OUTSIDE THE TRENCH CUT WILL BE REMOVED AND REPLACED WITH A MINIMUM OF 8 INCHES OF BASE OR MATCH EXISTING, WHICHEVER IS GREATER.
6. SURFACE PAVEMENT WILL BE OF THE KIND AND THICKNESS AS EXISTING, OR A MINIMUM OF 2 INCHES, WHICHEVER IS GREATER.
7. ALL PRESSURE PIPE WILL BE PROVIDED WITH THRUST BLOCKS WHERE CHANGES IN DIRECTION OCCUR AT TEES, BENDS, CROSSES, CHANGES IS SLOPE, STOPS (DEAD ENDS), VALVES, AND OR AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

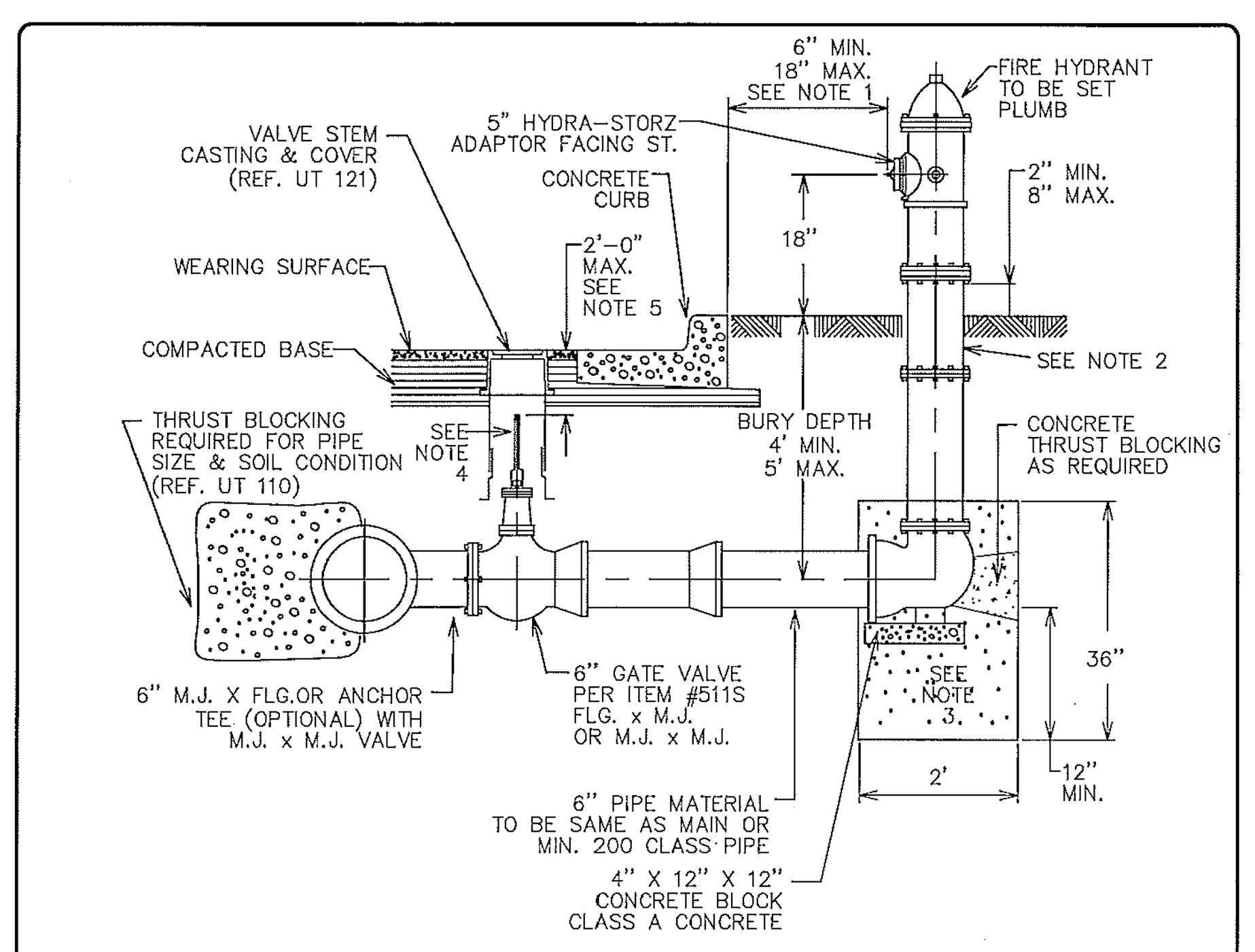
Taylor Texas | APPROVED BY: | DATE: DECEMBER 2020 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | TYPICAL TRENCH WITH PAVED SURFACE | STANDARD UT004

6 TYPICAL TRENCH WITH UNFINISHED SURFACE — N.T.S.



CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | TYPICAL TRENCH WITH UNFINISHED SURFACE | STANDARD UT 003

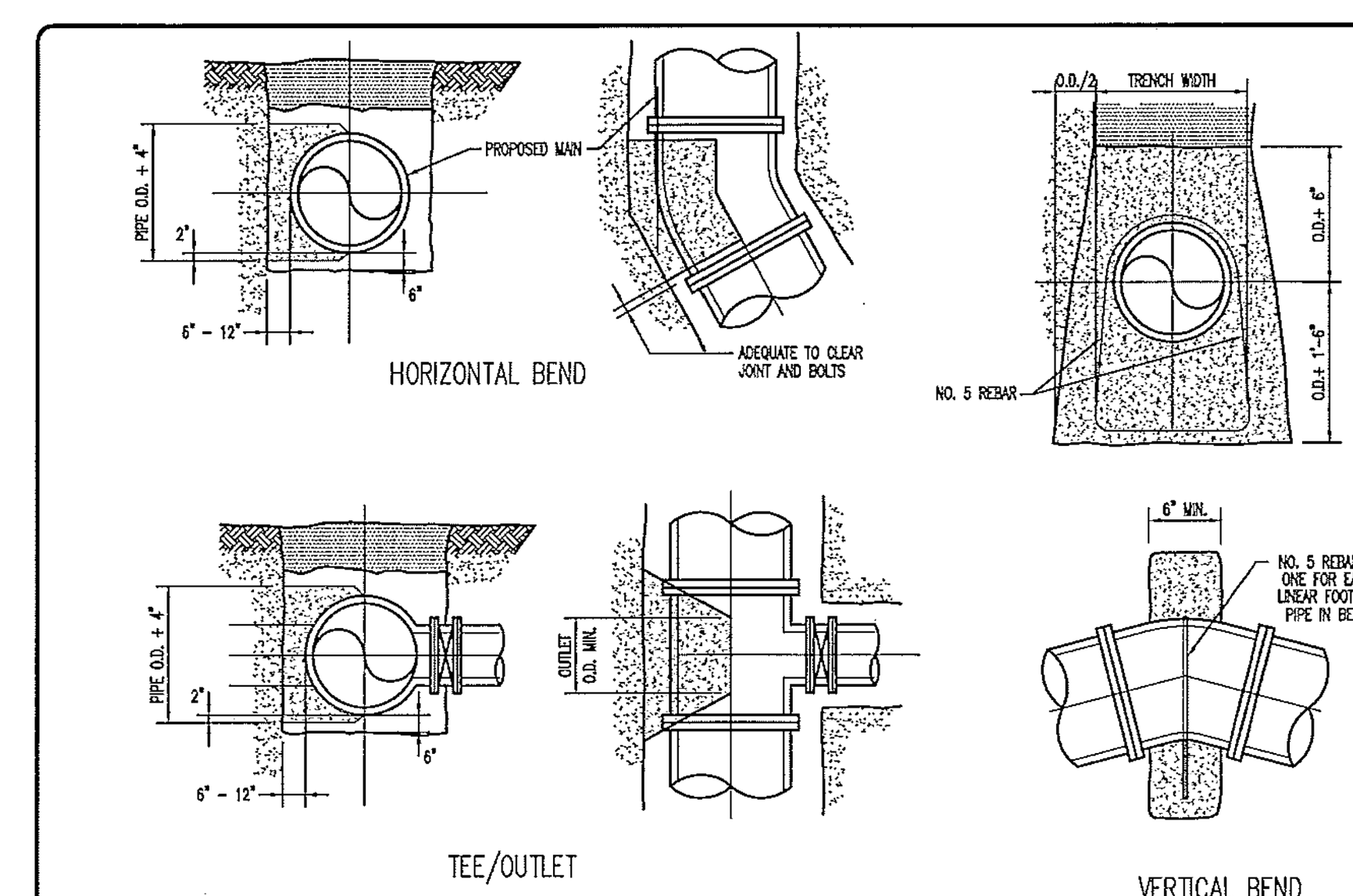
5 STANDARD FIRE HYDRANT — N.T.S.



NOTES:
1. DIMENSIONS ARE APPLICABLE IN SPACE BETWEEN CURB AND SIDEWALK. WHERE WALK ABUTS CURB, AND IN PUBLIC OR COMMERCIAL AREAS, DIMENSION FROM BACK OF CURB SHALL BE 3' TO 6'. HYDRANTS ARE NOT TO BE PLACED IN SIDEWALK OR RAMP AREAS. SEE CITY OF TAYLOR STANDARD SPECIFICATIONS FOR LOCATION OF HYDRANT.
2. FOR BURY DEPTHS GREATER THAN 5', ONE BARREL EXTENSION NOT EXCEEDING 2' LENGTH SHALL BE INSTALLED DIRECTLY BELOW THE FIRE HYDRANT.
3. CRUSHED STONE OR GRAVEL SHALL BE PLACED AROUND THE BOTTOM OF THE HYDRANT FOR A RADIUS OF AT LEAST 12" AND EXTEND AT LEAST 12" ABOVE THE OUTLET. DO NOT BLOCK DRAIN HOLES.
4. WELD SOCKET 2½" X 2" DEEP TO 1" SCH. 40 ROUND STEM EXTENSION, FITTED ON OPERATING NUT, SCH. 80 FOR LENGTHS OVER 10'.
5. VALVE EXTENSIONS ARE REQUIRED ON ALL VALVES THAT EXCEED 3' DEEP FROM FINISHED GRADE. VALVE EXTENSIONS SHALL BE PLACED SUCH THAT THE EXTENSION NUT IS BETWEEN 18" & 24" FROM FINISHED GRADE.
6. HYDRANTS ARE TO BE PAINTED BY MANUFACTURER WITH THE COLOR SILVER.
7. HYDRANTS ARE TO BE MUELLER "CENTURION" OR EQUIVALENT, CAPS AND CHAINS ARE TO BE SUPPLIED WITH HYDRANTS.
8. CENTER 5 IN. STORZ CAP IS TO INCORPORATE A CENTER PENTAGON

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | STANDARD FIRE HYDRANT | STANDARD UT 018

4 CONCRETE THRUST BLOCKING — N.T.S.



THRUST BLOCK DESIGN AS FOLLOWS:
A. PRESSURE OF 150 P.S.I. (ACTUAL IF HIGHER) + 50% SURGE ALLOWANCE
B. MAXIMUM SOIL BEARING:

SOIL TYPE	PRESSURE
LIMESTONE	4000 LBS./SQ. FT.
UNDISTURBED SOIL, CALICHE	2000 LBS./SQ. FT.
LOOSE OR SPONGY SOIL	1500 LBS./SQ. FT.

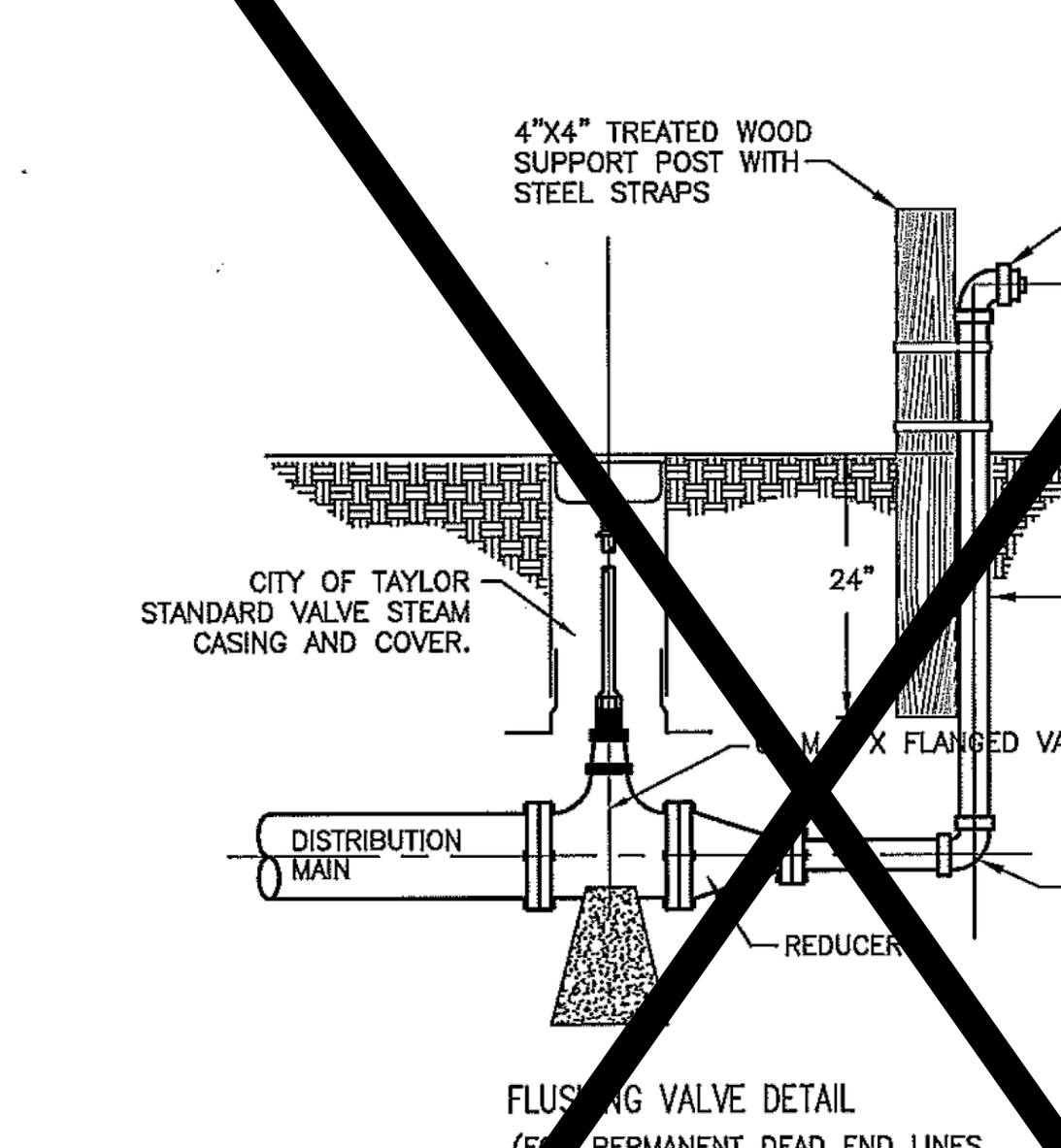
CONCRETE THRUST BLOCKING SCHEDULE **

PIPE SIZE (INCHES)	THRUST (POUNDS)	AREA REQUIRED (SQUARE FEET) BEARING AGAINST TRENCH WALL FOR PRESSURE PIPE: TEES AND PLUGS	BENDS: 90°	45°	22-1/2°	11-1/4°	5°	1°
4	2.513	1.00	1.00	0.50	0.50	N/A	N/A	N/A
6	5.655	1.41	2.00	1.08	1.00	0.50	N/A	N/A
8	10.053	2.51	3.55	1.92	1.00	0.50	0.50	N/A
12	22.619	5.65	8.00	4.33	2.21	1.11	0.50	N/A
16	40.212	10.05	14.22	7.69	3.92	1.97	1.00	N/A
24	90.478	22.62	31.99	17.31	8.83	4.43	1.97	0.50
30	141.372	35.34	49.98	27.05	13.79	6.93	3.08	1.00
36	203.575	50.89	71.97	38.95	19.86	9.98	4.44	1.00
42	277.088	69.27	97.97	53.02	27.03	13.58	6.04	1.21
48	361.911	90.48	127.95	69.29	35.30	17.74	7.89	1.58
54	458.044	114.51	161.94	87.64	44.68	22.45	9.99	2.00

** BASED ON A 4,000 P.S.F. SOIL BEARING CAPACITY AND A 200 P.S.I. MAX. LINE PRESSURE INCREASE AND DECREASE BEARING AREA IN ACCORDANCE WITH THE BEARING STRENGTH OF SOIL AS DESCRIBED IN SCHEDULE.

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | CONCRETE THRUST BLOCKING | STANDARD UT 015

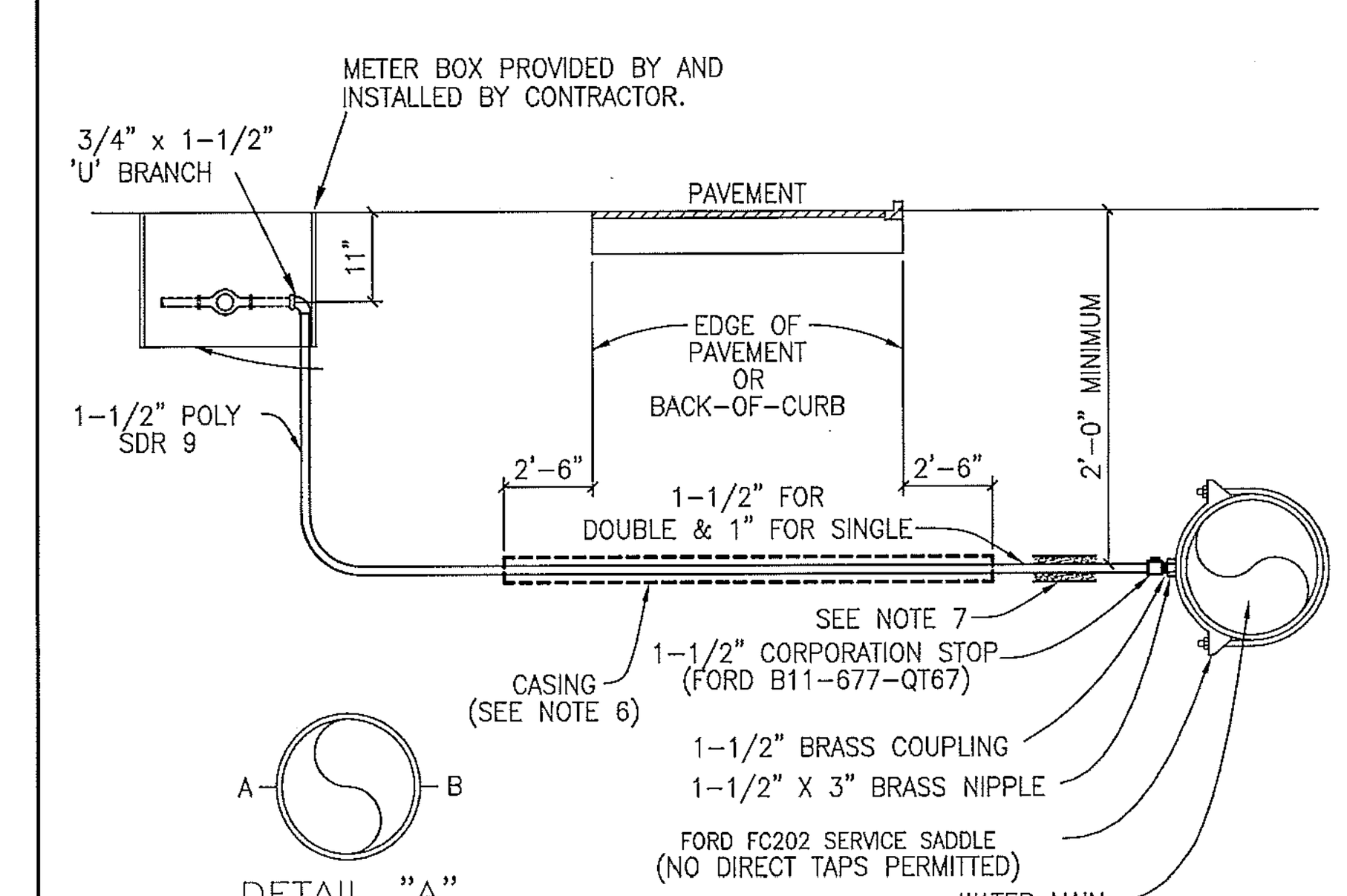
3 FLUSHING VALVE DETAIL — N.T.S.



FLUSHING VALVE DETAIL
(FOR PERMANENT DEAD END LINES, 2" BALL VALVE – FORD OR EQUAL)

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | FLUSHING VALVE DETAIL | STANDARD UT 016

2 TYPICAL WATER SERVICE - ELEVATION — N.T.S.

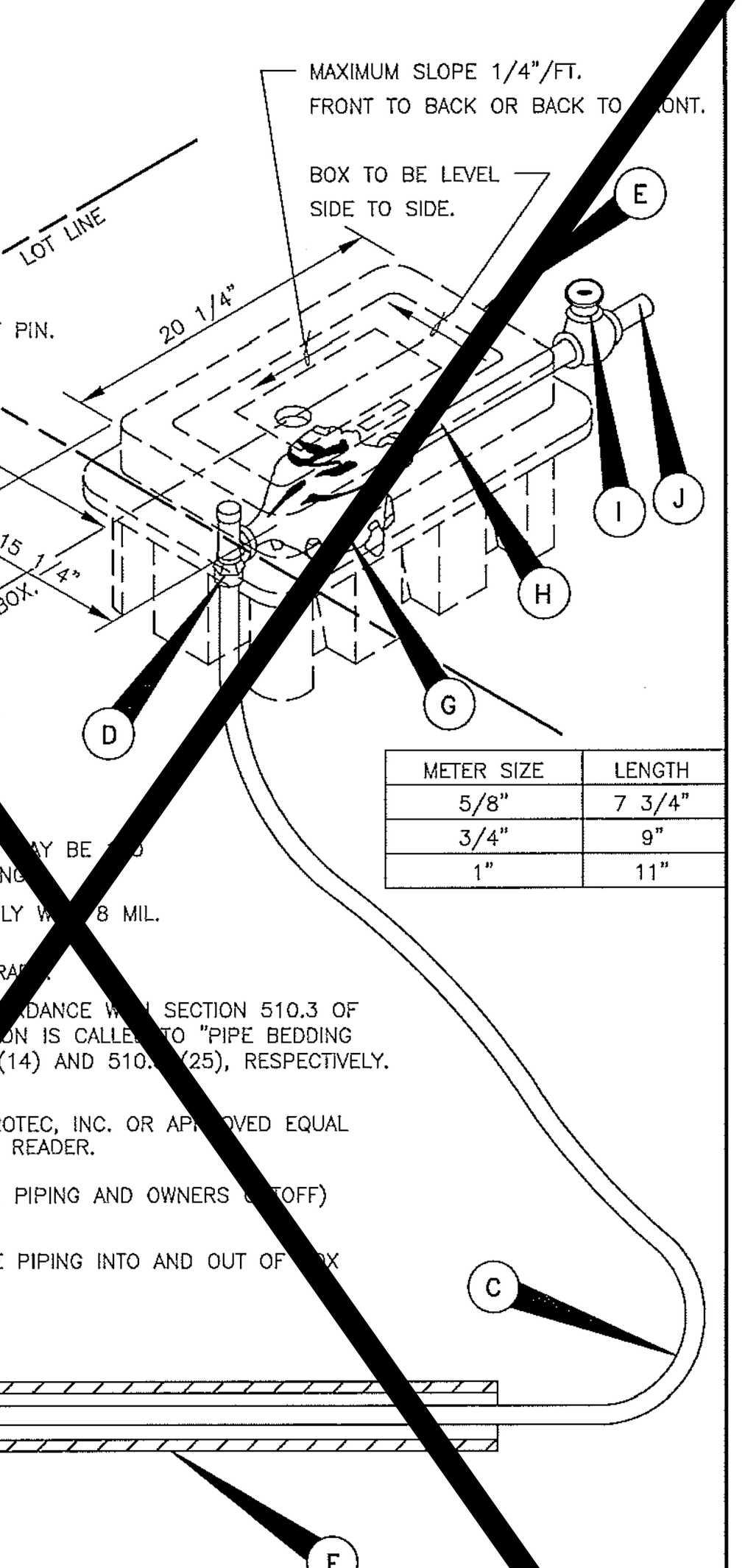


NOTES:
1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" OFFSET AND AT THE CENTERLINE AS SHOWN ON DETAIL "A".
2. WHERE NO SIDEWALK EXISTS, METER BOXES SHALL BE SET TO CONFORM TO FINISHED GRADE.
3. AUTHORIZED SERVICE LINE MATERIAL: TYPE 'K' COPPER OR POLY SDR 9.
4. SERVICE LINES SHALL BE CONTINUOUS FROM CORPORATION STOP TO CORPORATION STOP WITH NO FITTINGS IN BETWEEN.
5. SERVICE CASING SHALL NOT BE INSTALLED BY WATER JETTING UNDER ROADWAY.
6. CASING REQUIRED FOR ALL PAVEMENT CROSSINGS. 4" SDR-26 REQUIRED FOR OPEN-CUT. STEEL CASING PIPE REQUIRED FOR JACK AND BORE. LIMITS OF CASING SHOULD EXTEND SIX FEET BEYOND THE EDGE OF PAVEMENT OR BACK-OF-CURB WHERE REASONABLE WITH 2.5' MINIMUM.
7. THERE SHALL BE A 6" ENVELOPE OF 3/8" ROCK AROUND ALL SERVICE PIPE.
8. ANY VARIATIONS ON FITTINGS MUST BE APPROVED BY THE CITY ENGINEER.
9. SINGLE METER BOX AND LID – HUGHES SUPPLY PART NO. D12-BAMR, OR APPROVED EQUAL. DOUBLE METER BOX – HUGHES SUPPLY PART NO. D1500-DUB/O, LID – D15-BAMRL, OR APP. EQUAL.

CITY OF TAYLOR FOUNDED 1876 | APPROVED BY: CS | DATE: JULY 2009 | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | TYPICAL WATER SERVICE - ELEVATION | STANDARD UT 014

1 WATER METER DETAIL — N.T.S.

MATERIAL LIST
A. SERVICE CLAMP REQUIRED.
B. 1" CORPORATION STOP –– SERVICE PIPE OUTLET.
C. 1" SERVICE PIPE.
D. LOCKING ANGLE METER STOP; SERVICE PIPE INLET X SWIVEL COUPLING NUT OUTLET:
   – FOR 5/8" AND 3/4" METERS: 1" x 3/4"
   – FOR 1" METERS: 1" x 1"
E. PLASTIC RECTANGULAR METER BOX. (SEE NOTE #5)
F. PIPE CASING WHERE APPLICABLE. (SEE SEPARATE DETAIL)
NOTE: G THRU J TO BE INSTALLED UNDER SEPARATE BUILDING PERMIT.
G. WATER METER, CENTERED IN BOX. (SEE TABLE AT RIGHT)
H. WATER METER COUPLING; MALE I.P.T. X SWIVEL COUPLING NUT:
   – FOR 5/8" AND 3/4" METERS: 3/4" x 7 1/2" LONG.
   – FOR 1" METERS: 1" x 8 1/2" LONG.
I. BRONZE GATE VALVE: NON-RISING STEM (3/4" OR 1") FEMALE I.P.T. (PROPERTY OWNERS CUT-OFF OUTSIDE METER BOX IN SEPARATE VALVE CAN WITH LID AS PER CITY STANDARDS).
J. 3/4" OR 1" PIPE MEETING CITY PLUMBING CODE REQUIREMENTS.



METER SIZE	LENGTH
5/8"	7 3/4"
3/4"	9"
1"	11"

NOTES:
1. SERVICE PIPE SHALL BE COPPER TUBE SIZE. IT MAY BE 200 PSI ANNEALED SEAMLESS TYPE "K" COPPER TUBING.
2. SERVICE SADDLES SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM.
3. TOP OF BOXES SHALL BE 1" ABOVE FINISHED GRADE.
4. PIPING AND TUBING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 510.3 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS CALLED TO "PIPE BEDDING ENVELOPE" AND "BACKFILLING", SECTIONS 510.3 (14) AND 510.3 (25), RESPECTIVELY.
5. METER BOX TO BE MODEL DFW-3612 BY DFW ROTEC, INC. OR APPROVED EQUAL. PROVIDE BLACK-PAINTED METAL LID WITH METER READER.
6. AXIS OF METER ASSEMBLY (METER STOP, METER, PIPING AND OWNERS CUTOFF) SHALL BE 10" BELOW TOP OF BOX.
7. SLOTS PROVIDED IN METER BOX TO ACCOMODATE PIPING INTO AND OUT OF BOX SHALL NOT BE MODIFIED.

CITY OF TAYLOR FOUNDED 1876 | DRAWN BY: PM | DATE: 01/29/2009 | APPROVED BY: CS | DATE: – | REVISION NO.: | FILE NAME: | REVISED BY: | DATE: | CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS | SINGLE 5/8", 3/4" OR 1" WATER METER DETAIL | STANDARD UT 011

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

NOT TO SCALE

REV.	DATE	BY	

STATE OF TEXAS — RICHARD W. HEIGES — 123135 — LICENSED PROFESSIONAL ENGINEER — 03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
CONSTRUCTION DETAILS

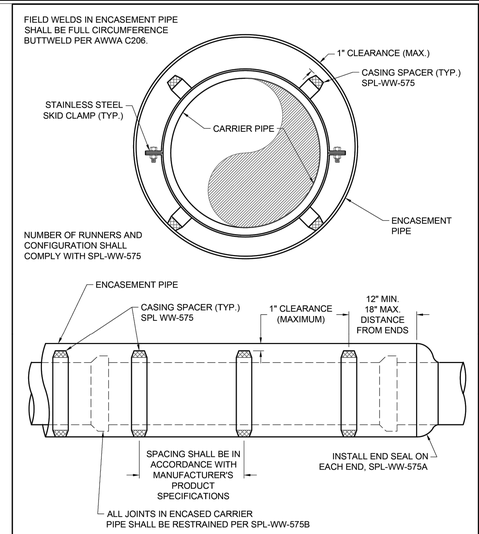
PZ-2021-1362

C4.1

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-DET-CONST-WL.dwg * 4/4/2023 6:16 PM * Plotted by Richard Heiges

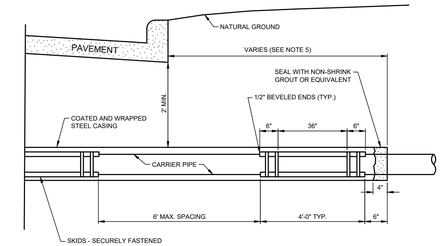
C:\Users\rheiges\ACCDocs\RITD_474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-DET-CONST-WL.dwg * 4/4/2023 6:16 PM * Plotted by Richard Heiges



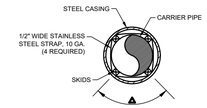
APPLICABLE REFERENCES:
STANDARD SPECIFICATION: ITEM 505.4 & 510.3 (19)

CITY OF AUSTIN AUSTIN WATER	ENCASEMENT PIPE DETAIL WITH CASING SPACERS	
JEFF A. KYLE *02/22/2021* ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 501-AW-01 1 OF 1

15 ENCASEMENT PIPE DETAIL N.T.S.



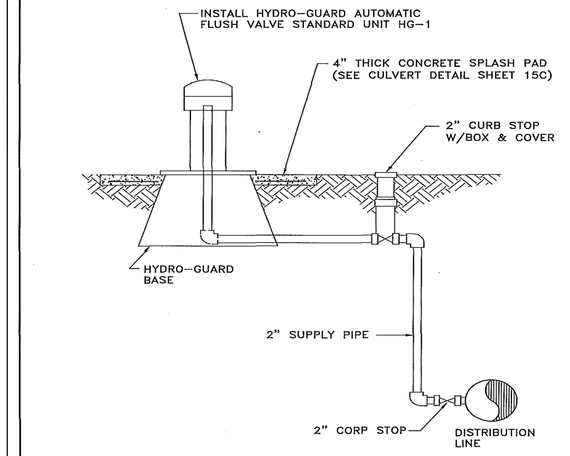
ELEVATION



SECTION

NOTES:
1. SPACING BETWEEN TIMBERS:
   △ = 90° FOR 12" AND UNDER,
   △ = 60° FOR PIPE OVER 12".
2. CASING SIZE AND THICKNESS SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE ENTITY HAVING JURISDICTION AND/OR OTHER PERMITS, AS REQUIRED.
3. MAINTAIN 1/2" MINIMUM CLEARANCE BETWEEN THE OUTSIDE DIAMETER OF CARRIER PIPE AND CASING AT ALL LOCATIONS.
4. DIMENSIONS ARE APPROXIMATE ONLY. CONTRACTOR SHALL INSTALL ADEQUATELY SIZED CASING TO ACCOMMODATE THE CARRIER PIPE.
5. FOR NON-CURBED STREETS THE MINIMUM REQUIRED LENGTH WILL BE ESTABLISHED BY THE ENGINEER.

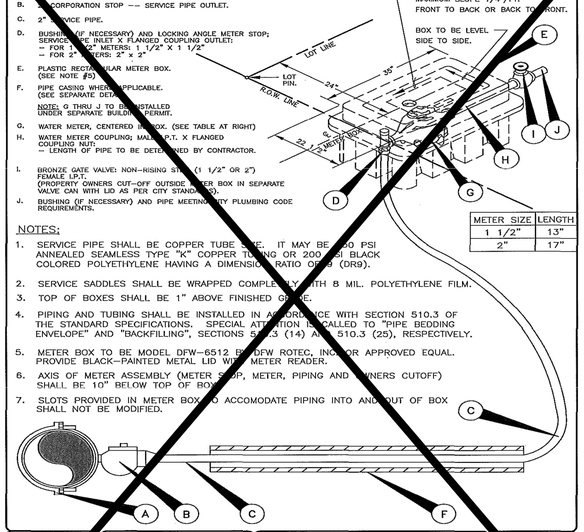
14 STEEL CASING N.T.S.



CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	APPROVED BY:	DATE:	STANDARD
AUTOMATIC FLUSHING VALVE	CS	JULY 2009	UT 019

13 AUTOMATIC VALVE N.T.S.

MATERIAL LIST
A. SERVICE CLAMP REQUIRED.
B. CORPORATION STOP -- SERVICE PIPE OUTLET.
C. 2" SERVICE PIPE.
D. BUSHING (IF NECESSARY) AND LOCKING ANGLE METER STOP; SERVICE PIPE INLET X FLANGED COUPLING OUTLET:
   -- FOR 1" METERS: 1 1/2" X 1 1/2"
   -- FOR 2" METERS: 2" x 2"
E. PLASTIC RECTANGULAR METER BOX. (SEE NOTE #2)
F. PIPE CASING WHERE APPLICABLE. (SEE SEPARATE DETAIL)
   NOTE: G THRU J TO BE INSTALLED UNDER SEPARATE BUILDING PERMIT.
G. WATER METER, CENTERED IN BOX. (SEE TABLE AT RIGHT)
H. WATER METER COUPLING; MALE P.T. X FLANGED COUPLING NUT:
   -- LENGTH OF PIPE TO BE DETERMINED BY CONTRACTOR.
I. BRONZE GATE VALVE: NON-RISING STEM (1 1/2" OR 2") FEMALE I.P.T. (PROPERTY OWNERS CUT-OFF OUTSIDE METER BOX IN SEPARATE VALVE CAN WITH LID AS PER CITY STANDARDS).
J. BUSHING (IF NECESSARY) AND PIPE MEETING CITY PLUMBING CODE REQUIREMENTS.

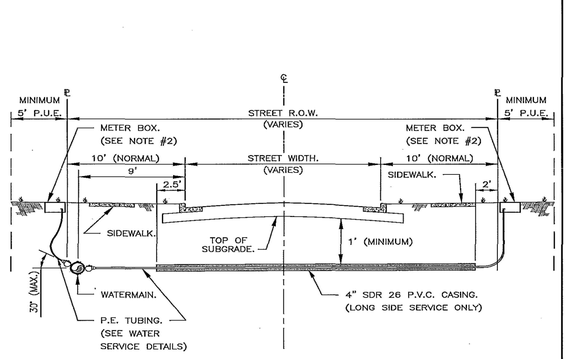


METER SIZE	LENGTH
1 1/2"	13"
2"	17"

NOTES:
1. SERVICE PIPE SHALL BE COPPER TUBE SIZE. IT MAY BE 200 PSI ANNEALED SEAMLESS TYPE "K" COPPER TUBING OR 200 PSI BLACK COLORED POLYETHYLENE HAVING A DIMENSION RATIO OF 9 (DR9).
2. SERVICE SADDLES SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM.
3. TOP OF BOXES SHALL BE 1" ABOVE FINISHED GRADE.
4. PIPING AND TUBING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 510.3 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS CALLED TO "PIPE BEDDING ENVELOPE" AND "BACKFILLING", SECTIONS 510.3 (14) AND 510.3 (25), RESPECTIVELY.
5. METER BOX TO BE MODEL DFW-6512 BY DFW ROTEC, INC. OR APPROVED EQUAL. PROVIDE BLACK-PAINTED METAL LID WITH METER READER.
6. AXIS OF METER ASSEMBLY (METER STOP, METER, PIPING AND OWNERS CUTOFF) SHALL BE 10" BELOW TOP OF BOX.
7. SLOTS PROVIDED IN METER BOX TO ACCOMODATE PIPING INTO AND OUT OF BOX SHALL NOT BE MODIFIED.

CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	APPROVED BY:	DATE:	STANDARD
SINGLE 1 1/2" OR 2" WATER METER DETAIL	CS	JULY 2009	UT 012

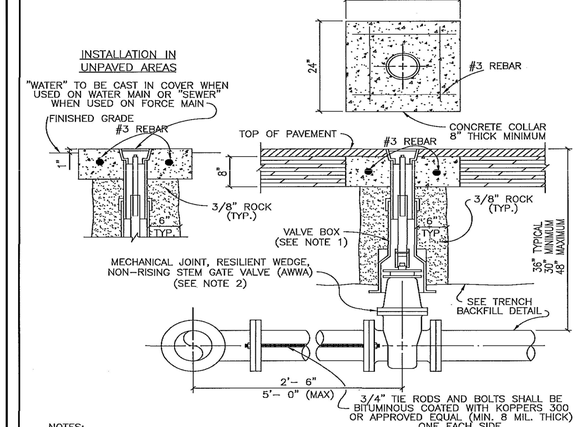
12 SINGLE 1 1/2" OR 2" WATER METER DETAIL N.T.S.



NOTE:
1. REFER TO "STANDARD INSTALLATION DETAIL FOR ONE OR TWO METERS" FOR SERVICE SPECIFICS.
2. METER BOXES SHALL BE SET AS CLOSE TO R.O.W. (℄) AS POSSIBLE, WITH NO PART OF BOX WITHIN R.O.W. METER BOXES SHALL BE LEVEL FROM SIDE TO SIDE AND NO MORE THAN 1/4"/FT. SLOPE FROM FRONT TO BACK (OR BACK TO FRONT). GRADING IN P.U.E. AROUND METER BOX SHALL BE 3:1 MAXIMUM AND SHALL BLEND TO OTHER UTILITY APPURTENANCES WITHOUT ABRUPT ELEVATION CHANGES.

CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	APPROVED BY:	DATE:	STANDARD
WATER SERVICE CASING DETAIL	CS	JULY 2009	UT 010

11 WATER SERVICE CASING DETAIL N.T.S.



NOTES:
1. VALVE BOX SHALL BE AMERICAN FLOW CONTROL TRENCH ADAPTER OR APPROVED EQUAL HAVING AN ADJUSTABLE RANGE OF + OR - 6 INCHES FROM INSTALLED FINISH GRADE.
2. ACCEPTABLE GATE VALVES ARE:
   A. AMERICAN FLOW CONTROL - SERIES 2500
   B. MUELLER - 2360 SERIES
   C. CLOW

CITY OF TAYLOR WILLIAMSON COUNTY, TEXAS STANDARD DETAILS	APPROVED BY:	DATE:	STANDARD
TYPICAL VALVE SETTING	CS	JULY 2009	UT 009

10 TYPICAL VALVE SETTING N.T.S.

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC

35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

NOT TO SCALE

REV.	DATE	BY	

RICHARD W. HEIGES 123135 LICENSED PROFESSIONAL ENGINEER STATE OF TEXAS 03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: **UNION PACIFIC RAILROAD**

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
CONSTRUCTION DETAILS

PZ-2021-1362

C4.2

PROJ #: 474-6

AWWA C900/IB PVC Pressure Pipe | Gasketed Integral Bell

NAPCO's AWWA C900 Gasketed Integral Bell PVC Pipe product line is manufactured to meet the needs of modern municipal water, wastewater, and reclaimed water systems. With top quality raw materials and modern processing technology, our C900 pipe meets all industry standards in addition to our own rigorous quality control requirements.

Our C900 pipe utilizes Rieber style gaskets throughout the entire product offering to create a leak-free joint.

Short Form Specification		
Pipe Standard:	AWWA C900-16	
Diameter Std.:	Cast Iron Outside Diameter (CIOD)	
Nominal Sizes:	4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 30", 36"	
Dimension Ratios & Pressure Ratings"	DR 51 – 80 psi DR 41 – 100 psi DR 32.5 – 125 psi DR 25 – 165 psi DR 21 – 200 psi	DR 18 – 235 psi (185 psi)** DR 14 – 305 psi (250 psi)**
Lay Length:	20' [6.1m]	
Pipe Compound:	ASTM D1784 Cell Class 12454	
Pipe Joint Std.:	ASTM D3139	
Max. Angular Joint Deflection:‡	1°	
Gasket Standard:	ASTM F477, UL 157	
Gasket Material Offerings:	Standard – SBR Optional – NBR or EPDM	
Installation Std.:	AWWA C605	

Applications	Potable Water	Waste-water	Reclaimed Water
Color:	Blue	Green	Purple
Certifications:*	NSF 14, NSF 61 CSA B137.3* UL 1285 FM 1612** BNQ 3624-250 (24in)*, BNQ 3660-950 (24in)	CSA B137.3*	CSA B137.3*

*See Certification Letter for full explanation and list of exceptions.
**FM 1612 calculates pressure ratings differently than AWWA for 4"-12" only with DR 18 as 185 psi and DR 14 as 250 psi.
‡See Installation Guide for more information.

Only products bearing the NSF Mark are Certified







napcopipe.com | 1.855.624.7473

©2020 NAPCO, a Westlake company. All rights reserved MU-PS-001-US-EN-0720.1

MUNICIPAL
PRODUCT SPECIFICATION

AWWA C900/IB PVC Pressure Pipe | Gasketed Integral Bell

C900/IB PIPE DIMENSIONS & PERFORMANCE									
Nom. Size	Outside Diameter (OD)	DR	Pressure Class psi [kPa]	Min. Wall Thickness (T)	Internal Diameter (ID)	Approx. Bell Diameter (BD)	Bell Depth (C)	1st Insertion Mark (L1)	2nd Insertion Mark (L2)
4" [100mm]	4.800 [121.9]	25	165 [1150]	0.192 [4.88]	4.416 [112.1]	6.250 [158.8]	5.000 [127]	3.375 [85.7]	4.375 [111.1]
		18	235 [1620]	0.267 [6.78]	4.266 [108.3]				
		14	305 [2130]	0.343 [8.70]	4.114 [104.5]				
6" [150mm]	6.900 [175.3]	25	165 [1150]	0.276 [7.00]	6.348 [161.3]	8.625 [219.1]	5.750 [146.1]	4.625 [117.5]	5.625 [135.3]
		18	235 [1620]	0.383 [9.72]	6.134 [155.9]				
		14	305 [2130]	0.493 [12.50]	5.914 [150.3]				
8" [200mm]	9.050 [229.9]	25	165 [1150]	0.362 [9.20]	8.326 [211.5]	11.500 [292.1]	7.000 [177.8]	5.625 [135.3]	6.625 [168.3]
		18	235 [1620]	0.503 [12.80]	8.044 [204.3]				
		14	305 [2130]	0.646 [16.40]	7.758 [197.1]				
10" [250mm]	11.100 [281.9]	25	165 [1150]	0.444 [11.30]	10.212 [259.3]	14.000 [355.6]	7.250 [184.2]	6.125 [155.6]	7.125 [181.0]
		18	235 [1620]	0.617 [15.70]	9.866 [250.3]				
		14	305 [2130]	0.793 [20.10]	9.514 [241.7]				
12" [300mm]	13.200 [335.3]	25	165 [1150]	0.528 [13.40]	12.144 [308.5]	16.563 [420.7]	8.000 [203.2]	6.875 [174.6]	7.875 [200]
		18	235 [1620]	0.733 [18.60]	11.734 [298.1]				
		14	305 [2130]	0.943 [23.90]	11.314 [287.5]				
14" [350mm]	15.300 [388.6]	32.5	125 [860]	0.471 [12.0]	14.358 [364.7]	19.063 [484.2]	9.000 [228.6]	7.500 [190.5]	8.500 [215.9]
		25	165 [1150]	0.612 [15.6]	14.076 [357.5]				
		21	200	0.729	13.842				
		18	235 [1620]	0.850 [21.6]	13.600 [345.4]				
		14	305	1.093	13.114				
16" [400mm]	17.400 [442.0]	41	100	0.424	16.552	21.750 [552.5]	10.000 [254.0]	8.500 [215.9]	9.500 [241.3]
		32.5	125 [860]	0.535 [13.6]	16.330 [414.8]				
		25	165 [1150]	0.696 [17.7]	16.008 [406.6]				
		21	200	0.829	15.742				
		18	235 [1620]	0.967 [24.6]	15.466 [392.8]				
		14	305	1.243	14.914				

napcopipe.com | 1.855.624.7473

©2020 NAPCO, a Westlake company. All rights reserved MU-PS-001-US-EN-0720.1

MUNICIPAL
PRODUCT SPECIFICATION

AWWA C900/IB PVC Pressure Pipe | Gasketed Integral Bell

C900/IB PIPE DIMENSIONS & PERFORMANCE									
Nom. Size	Outside Diameter (OD)	DR	Pressure Class psi [kPa]	Min. Wall Thickness (T)	Internal Diameter (ID)	Approx. Bell Diameter (BD)	Bell Depth (C)	1st Insertion Mark (L1)	2nd Insertion Mark (L2)
18" [450mm]	19.500 [459.3]	41	100	0.476	18.548	23.563 [598.5]	10.375 [263.5]	8.875 [225.4]	9.875 [250.8]
		32.5	125 [860]	0.600 [15.2]	18.300 [464.8]				
		25	165 [1150]	0.780 [19.8]	17.940 [455.7]				
		21	200	0.929	17.642				
		18	235 [1620]	1.083 [27.5]	17.334 [440.3]				
20" [500mm]	21.600 [548.6]	32.5	125 [860]	0.665 [16.9]	20.270 [514.9]	26.063 [662.0]	11.000 [279.4]	9.500 [241.3]	10.500 [266.7]
		25	165 [1150]	0.864 [22.0]	19.872 [504.7]				
		21	200	1.029	19.542				
		18	235 [1620]	1.200 [30.5]	19.200 [487.7]				
24" [600mm]	25.800 [655.3]	41	100	0.629	24.542	31.063 [789.0]	13.000 [330.2]	11.500 [292.1]	12.500 [317.5]
		32.5	125 [860]	0.794 [20.2]	24.212 [615.0]				
		25	165 [1150]	1.032 [26.2]	23.736 [602.9]				
		21	200	1.229	23.342				
		18	235 [1620]	1.433 [36.4]	22.934 [582.5]				
30" [750mm]	32.000 [812.8]	51	80 [550]	0.627 [15.90]	30.746 [781]	37.500 [952.5]	15.125 [384.2]	13.625 [346.1]	14.625 [371.5]
		41	100 [650]	0.780 [19.80]	30.440 [741.4]				
		32.5	125 [860]	0.985 [25.00]	30.030 [762.8]				
		25	165 [1150]	1.280 [32.50]	29.440 [747.8]				
		21	200	1.524	28.952				
		18	235 [1620]	1.778 [45.20]	28.444 [722.4]				
36" [900mm]	38.300 [972.8]	51	80 [550]	0.751 [19.10]	36.798 [934.6]	44.500 [1130.3]	19.125 [485.8]	17.625 [447.7]	18.625 [473.1]
		41	100 [650]	0.934 [23.70]	36.432 [925.4]				
		32.5	125 [860]	1.178 [29.90]	35.944 [913.0]				
		25	165 [1150]	1.532 [38.90]	35.236 [895.0]				
		21	200	1.824	34.652				

Notes:
1. These dimensions are for estimating purposes only. All dimensions not in brackets are in inches unless otherwise specified.
2. Products certified to CSA B137.3 have dimensions in brackets in millimeters unless otherwise specified.
3. DR = Dimension Ratio
4. AWWA and CSA Pressure Class @ 73°F [23°C] which includes a 2:1 safety factor.
5. Internal diameter calculated using nominal outside diameter and minimum wall thickness.
6. Dimension given for Approx. Bell Diameter (BD) is for highest pressure class.

napcopipe.com | 1.855.624.7473

©2020 NAPCO, a Westlake company. All rights reserved MU-PS-001-US-EN-0720.1

1 NAPCO C-900 SPECIFICATIONS

N.T.S.

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

NOT TO SCALE

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

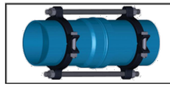
ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE SPEC DETAILS

PZ-2021-1362

C4.3

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-DET-CONST-WL-SPEC.dwg * 4/4/2023 6:17 PM * Plotted by Richard Heiges



TYLER UNION®
Quality Waterworks Products

32U- PVC Pipe to Pipe Bell to Spigot Restraint Series 3000PP Kits for 4" - 36" Applications 4" - 36" for DIOD & 4" - 12" for IPS

Revised 6/20/2016

FOR: Restraint of 4" to 36" DIOD AWWAC900/905 PVC Pipe to Pipe Bell to Spigot Applications (Black Clamps)
Restraint of 4" to 12" IPS PVC Pipe to Pipe Bell to Spigot Applications (Grey Clamps)

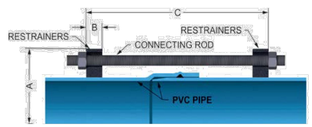
FEATURES and ADVANTAGES:

- Available in sizes 4" through 36" (IPS PVC pipe restraints available in 4" – 12" only)
- Restraints rated at the listed pressure on the PVC pipe with a 2:1 safety factor
- Full 360° contact, no pipe distortion or point loading
- To ease installation, restraints and pipe can be assembled outside the trench
- Connecting rods, hex nuts, T-head bolts consist of low alloy high strength steel and comply with applicable requirements of ANSI/AWWA C111/A21.11
- Clamping bolts are SAE Grade 5 and comply to applicable requirements of ANSI/AWWA C111/A21.11
- For easy identification, *IPS* pipe diameter clamps are GREY and *DI* pipe diameter clamps are BLACK

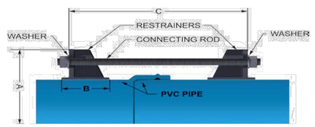
SAMPLE SPECIFICATIONS:

For use on water or wastewater piping systems subject to hydrostatic pressure and tested in accordance with ASTM D2774 or AWWA C600. All sizes of clamps are made of high strength grade 65-45-12 ductile iron in accordance with the requirements and specifications of ASTM A536. Restraint clamps internal serrations are machined to exact tolerances. Restrainers approved per applicable requirements of ASTM F1674, current revisions apply. Standard restraint is provided with an alkyd resin baking enamel coating. The 3000PP kit includes, 1) 2 each 3000C restrainers, 2) hex head bolts and hex nuts for restrainer assembly, and 3) threaded restrainer connecting rods with hex nuts and flat washers where applicable.

4" to 12" Assembly

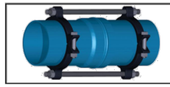


14" to 36" Assembly



Nom Size	Series 3000PP For PVC Pipe With Ductile Pipe O.D.		Series 3000PP For PVC Pipe With IPS Pipe O.D.		*A	*B	*C Max.	Restraint Rods Connecting		Quantity, Sizing and Torque For Clamp Assembly Bolts (Torque in Foot Pounds)			WT
	Pipe Dia.	Part#	Pipe Dia.	Part#			Qty	Qty	Size	Qty	Size	Torque	lbs.
4	4.80	462422	4.50	462477	9.12	1.12	12.0	2	3/4 X 17	4	5/8 X 3.5	100	15
6	6.90	462439	6.63	462484	11.12	1.12	13.0	2	3/4 X 17	4	5/8 X 3.5	100	19
8	9.05	462446	8.63	462491	14.74	1.25	15.0	2	3/4 X 17	4	3/4 X 5	150	31
10	11.10	462453	10.75	462507	16.81	1.38	16.0	4	3/4 X 24	4	7/8 X 5	150	51
12	13.20	462460	12.75	462514	19.45	1.38	18.0	4	3/4 X 24	4	7/8 X 5	150	55
14	15.30	488033	N/A	N/A	22.54	4.00	24.0	6	3/4 X 30	8	7/8 X 6.5	150	138
16	17.40	488040	N/A	N/A	24.66	4.00	28.0	6	3/4 X 30	8	7/8 X 6.5	150	148
18	19.50	488057	N/A	N/A	26.64	5.06	28.0	8	3/4 X 30	8	1 X 8	175	207
20	21.60	488064	N/A	N/A	28.76	5.06	34.0	8	3/4 X 36	8	1-1/8 X 8.5	200	265
24	25.80	488071	N/A	N/A	33.98	5.20	34.0	12	3/4 X 36	8	1-1/8 X 8.5	225	407
30	32.00	498599	N/A	N/A	40.90	10.0	34.0	12	1 X 40	16	1-1/8 X 8.5	250	605
36	38.30	498605	N/A	N/A	48.00	10.0	34.0	12	1 X 40	16	1-1/8 X 8.5	250	670
Note: Approximate dimensions and weights													

Tyler Union Waterworks Contact Information
Tyler: 11910 CR 492 ● Tyler, Texas 75706 ● (800) 527-8478
Anniston: 1501 W 17th St. ● Anniston, AL 36201 ● (800) 226-7601
Corona: 1001 El Camino Ave. ● Corona, CA 92879 ● (866) 527-8471
www.tylerunion.com



TYLER UNION®
Quality Waterworks Products

32U- PVC Pipe to Pipe Bell to Spigot Restraint Series 3000PP Kits for 4" - 36" Applications 4" - 36" for DIOD & 4" - 12" for IPS

Revised 6/20/2016

Installation Instructions for Sizes 4" – 36" Series 3000PP:

Figure 1



Figure 2



Figure 3



Figure 4



Step (1): Assemble pipe per Figure 1 making sure the spigot end of the pipe is fully seated in the bell end of the pipe.

Step (2): Assemble first restrainer on the bell end of the pipe joint and using one of the connecting rods (included) as a guide, mark the location for the spigot restrainer per Figure 2.

Step (3): Assemble the spigot restrainer leaving sufficient threads on each end of the connecting rod to fully install washer (where provided) and fully engage nut per Figure 3. Tighten the restrainer clamp assembly bolts on each side evenly to the recommended torque maintaining even gaps between the clamp pads.

Step (4): Connect both restrainers per Figure 4 utilizing the threaded restrainer connecting rods provided. Place a flat washer (where provided) over onto connecting rods and against the restrainer ear. Install hex nuts on the connecting rods and hand tighten all hex nuts to hand tight plus 1/2 turn. Do not over tighten connecting rod retaining hex nuts thus forcing the spigot further into the joint.

Suggested hex head bolt and nut *torque recommendations for assembly of the 3000C restrainers is as provided
NOTE: For best results use the lower end of the recommended torque range for DR 41 and DR 51 PVC pipe

***4" – 6" – 100 ft. lbs. / 8" – 12" – 150 ft. lbs. / 14" – 16" – 150 – 200 ft. lbs.**

18" 175 – 225 – ft. lbs. / 20" – 200 – 250 ft. lbs. / 24" – 225 – 275 ft. lbs. / 30" – 36" - 250 – 300 ft. lbs.

Tyler Union Waterworks Contact Information
Tyler: 11910 CR 492 ● Tyler, Texas 75706 ● (800) 527-8478
Anniston: 1501 W 17th St. ● Anniston, AL 36201 ● (800) 226-7601
Corona: 1001 El Camino Ave. ● Corona, CA 92879 ● (866) 527-8471
www.tylerunion.com

1 TYLER UNION JOINT RESTRAINT SPECIFICATIONS

N.T.S.

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

NOT TO SCALE

REV.	DATE	BY	



DATE 03/30/2023 DRAWN JM
CHECK RH APPRV'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

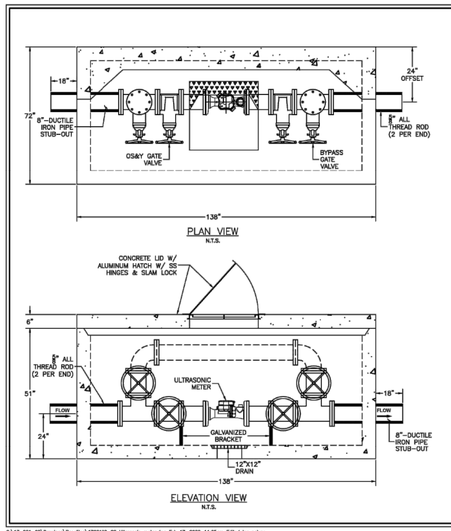
ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE SPEC DETAILS

PZ-2021-1362

C4.4

PROJ #: 474-6

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENG\A-DWG\474-6-C-DET-CONST-WL-SPEC.dwg * 4/4/2023 6:17 PM * Plotted by Richard Heiges



MODEL
8" ULTRASONIC METER
AMS-8FSM/ VAULT 4/ TEMPORARY BYPASS OPTION

CUSTOMER

SPECIFICATIONS

CONCRETE - 5000 PSI @ 28 DAYS

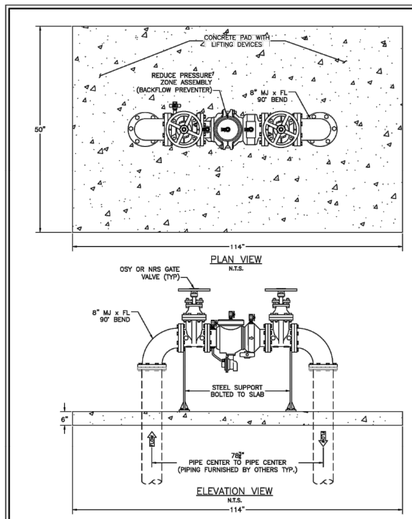
REBAR - #4 @ 12" OCEW

METER MODEL - BADGER E-SERIES G2
ULTRASONIC SERIES METER 8"

FACTORY ASSEMBLED AND TESTED. SITE PREPARATION, EXCAVATION, BASE, AND BACKFILL TO BE COMPLETED BY CONTRACTOR

Accurate METER & SUPPLY
5445 Stockdick School Rd.
Katy, Texas 77449
t: 281.391.8100 | www.accuratemeter.com

D:\17-021-02\Drawings\Baseflies\1702102-02 Ultrasonic meter.dwg Feb 17, 2022-11:05am Edited by: nchou



MODEL
8" REDUCE PRESSURE ZONE ASSEMBLY W/ PRECAST CONCRETE PAD

CUSTOMER

SPECIFICATIONS

CONCRETE - 5000 PSI @ 28 DAYS

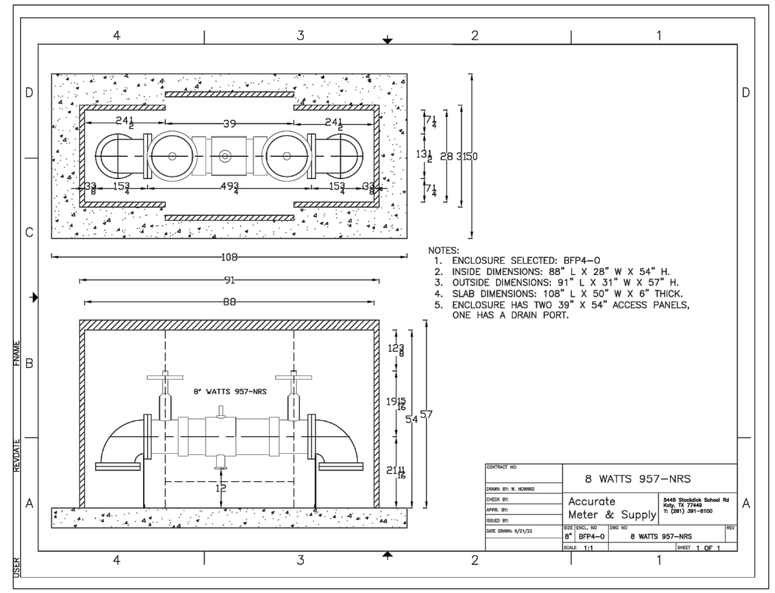
REBAR - #4 OCEW

RPZ MODEL - 8" WATTS 957 RPZ

FACTORY ASSEMBLED AND TESTED. SITE PREPARATION, EXCAVATION, BASE, AND BACKFILL TO BE COMPLETED BY CONTRACTOR

Accurate METER & SUPPLY
5445 Stockdick School Rd.
Katy, Texas 77449
t: 281.391.8100 | www.accuratemeter.com

D:\17-021-02\Drawings\Baseflies\1702102-RPZ.dwg Jul 15, 2019-9:10am Edited by: nchou



NOTES:
1. ENCLOSURE SELECTED: BFP4-O
2. INSIDE DIMENSIONS: 88" L X 28" W X 54" H.
3. OUTSIDE DIMENSIONS: 91" L X 31" W X 57" H.
4. SLAB DIMENSIONS: 108" L X 50" W X 6" THICK.
5. ENCLOSURE HAS TWO 39" X 54" ACCESS PANELS, ONE HAS A DRAIN PORT.

CONTRACT NO.	8 WATTS 957-NRS
DRAWN BY: N. HOWARD	Accurate Meter & Supply — 5445 Stockdick School Rd Katy, TX 77449 T: (281) 391-8100
CHECK BY:	
APPR. BY:	
ISSUED BY:	
DATE DRAWN: 6/21/22	DWG NO: 8 WATTS 957-NRS — REV
SCALE 1:1	SHEET 1 OF 1

4 | 8" WATER METER DETAILS

N.T.S.

3 | PIPE JOINT RESTRAINT LENGTH CALCULATIONS

RCR TAYLOR LOGISCTICS PARK FM 3349 WATER LINE EXTENSION PROJECT
JOINT RESTRAINT CALCULATION SUMMARY

Site Name	Fitting Type	Pipe Material	Soil Type	Safety Factor	Trench Type	Depth of Bury	Test Pressure	Nominal Size
STA0+30	Horizontal Bend	PVC	CH, Gran.Fill	1.5	5	7	70	20
STA2+50	Horizontal Bend	PVC	CH, Gran.Fill	1.5	5	7	70	20
STA2+85	Horizontal Bend	PVC	CH, Gran.Fill	1.5	5	5	70	20
STA2+88	Vertical Offset	PVC	CH, Gran.Fill	1.5	5	5	70	20
STA5+00	Horizontal Bend	PVC	CH, Gran.Fill	1.5	5	4	70	20
STA8+11	Vertical Offset	PVC	CL	1.5	5	4	70	20
STA16+20	Vertical Offset	PVC	CL	1.5	5	4	70	20
STA53+14	Tee	PVC	CL	2	5	5	70	20
STA54+39	Dead End	PVC	CL	2	5	5	70	20

Site Name	Bend Angle	Branch Size	Length Along Run	Reduced Size	Lowside Depth	Restraint Length	Restraint Length 2	Site Notes
STA0+30	11.25					2 ft.		
STA2+50	45					6 ft.		
STA2+85	45					8 ft.		
2+88	11.25				6	5 ft.	2 ft.	
STA5+00	11.25					3 ft.		
STA8+11	11.25				5	8 ft.	2 ft.	
STA16+20	11.25				5	8 ft.	2 ft.	
STA53+14		16	20			1 ft.		
STA54+39						67 ft.		

**SOURCE: CITY OF AUSTIN TECHNICAL MANUALS AND RESOURCES (https://rlc.ebaa.com/calculator.php)

2 | TYLER UNION MECHANICAL JOINT REDUCER

N.T.S.

MECHANICAL JOINT FITTINGS | **REDUCERS**

C153 DUCTILE IRON COMPACT FITTINGS



MJxMJ	PExMJ-SEB	MJ-LEBxPE	PExPE

Size	Domestic T	Domestic T1	Domestic L	Domestic L1	Domestic L2	Domestic MJ	Domestic SEB	Domestic LEB	Domestic PE	Import T	Import T1	Import L	Import L1	Import L2	Import MJ	Import SEB	Import LEB	Import PE
4x3	0.35	0.34	3.80	8.50	14.80	18	17	17	18	0.34	0.33	3.80	8.50	14.80	18	17	18	18
6x3	0.37	0.34	5.80	10.50	16.80	28	25	27	28	0.36	0.33	5.80	10.50	16.80	22	24	19	16
6x4	0.33	0.35	4.80	9.50	15.80	26	26	27	26	0.34	0.34	4.80	9.50	15.80	24	25	20	15
8x4	0.39	0.35	5.80	10.50	16.80	36	34	36	33	0.38	0.34	5.80	10.50	16.80	32	30	34	30
8x6	0.39	0.37	6.80	9.50	15.80	39	39	39	39	0.38	0.36	6.80	9.50	15.80	38	32	37	30
10x4	0.41	0.35	7.80	12.50	18.80	53	46	51	—	0.40	0.34	7.80	12.50	18.80	46	43	43	46
10x6	0.41	0.37	5.80	10.50	16.80	53	48	53	49	0.40	0.36	5.80	10.50	16.80	47	46	42	46
10x8	0.41	0.39	4.80	9.50	15.80	54	52	52	47	0.40	0.38	4.80	9.50	15.80	50	47	50	47
12x4	0.43	0.35	8.80	14.50	20.80	61	60	60	—	0.42	0.34	8.80	14.50	20.80	58	58	50	58
12x6	0.43	0.37	7.80	12.50	18.80	64	58	66	54	0.42	0.36	7.80	12.50	18.80	58	58	58	57
12x8	0.43	0.39	5.80	10.50	16.80	63	61	65	60	0.42	0.38	5.80	10.50	16.80	57	54	55	54
12x10	0.43	0.41	4.80	9.50	15.80	54	52	52	47	0.42	0.40	4.80	9.50	15.80	51	50	49	47
14x6	0.51	0.44	9.80	17.00	14.50	72.50	104	107	112	—	0.47	9.80	15.00	16.50	104	112	—	104
14x8	0.51	0.45	7.80	15.00	12.50	20.50	104	107	108	—	0.47	9.80	7.80	14.90	12.40	20.30	100	98	98	94
14x10	0.51	0.46	5.80	13.00	10.50	16.50	100	102	100	—	0.47	0.42	5.80	12.00	10.40	16.30	100	94	92	90
14x12	0.51	0.47	4.80	12.00	9.50	17.50	100	101	100	100	0.42	0.42	4.80	9.50	17.30	100	90	92	88	
16x6	0.52	0.45	11.00	19.00	16.50	24.50	122	121	144	138	0.50	0.38	11.00	18.90	16.50	24.30	124	125	136	133
16x8	0.52	0.48	9.80	17.00	14.50	22.50	136	128	136	136	0.50	0.38	9.80	16.90	14.40	22.30	124	121	128	119
16x10	0.52	0.50	7.80	15.00	12.50	20.50	128	124	128	123	0.50	0.40	7.80	14.90	12.50	20.50	124	120	123	119
16x12	0.52	0.52	6.80	13.00	10.50	16.50	124	123	124	123	0.50	0.42	6.80	12.90	10.30	17.10	124	109	108	99
16x16	0.52	0.51	4.80	12.00	13.00	20.00	140	139	139	133	0.50	0.47	4.80	12.00	12.00	19.70	140	136	132	129
18x8	0.59	0.48	14.00	22.00	19.50	27.50	193	195	—	—	0.54	0.38	14.00	20.80	19.50	27.40	195	178	179	171
18x10	0.59	0.47	12.00	20.00	17.50	25.50	196	193	195	—	0.54	0.40	10.00	18.00	17.40	25.50	195	185	185	180
18x12	0.59	0.49	10.00	18.00	15.50	23.50	197	197	195	—	0.54	0.42	7.80	15.90	15.30	23.50	195	175	190	175
18x14	0.59	0.56	8.80	16.00	16.00	24.80	193	193	200	—	0.54	0.47	6.80	15.00	15.00	23.30	193	175	190	190
18x16	0.59	0.57	7.80	15.00	15.00	23.80	194	193	195	—	0.54	0.50	5.80	13.90	13.80	19.90	195	190	185	190
20x10	0.66	0.47	14.00	22.00	19.40	27.50	225	210	215	—	0.57	0.40	14.00	22.00	19.00	27.50	225	200	210	200
20x12	0.66	0.49	12.00	20.00	17.50	25.50	215	215	215	—	0.57	0.42	12.00	17.50	16.80	25.50	205	170	205	200
20x14	0.66	0.56	10.00	18.00	17.80	26.80	209	198	205	—	0.57	0.47	10.00	18.00	17.90	26.00	200	190	205	195
20x16	0.66	0.57	8.80	16.00	16.80	25.80	225	215	222	—	0.57	0.50	7.80	13.50	13.50	20.00	200	185	178	178
20x18	0.66	0.59	7.80	15.00	15.00	23.80	233	220	—	—	0.57	0.54	6.80	12.00	12.00	20.00	225	200	215	190
24x12	0.82	0.49	16.00	24.00	21.40	29.50	307	302	300	—	0.61	0.42	16.00	21.50	21.00	29.50	305	275	288	288
24x14	0.82	0.56	14.00	22.00	21.80	30.80	315	325	322	—	0.61	0.47	14.00	22.00	21.90	25.00	306	310	315	295
24x16	0.82	0.57	12.00	20.00	19.80	28.80	325	319	340	—	0.61	0.50	12.00	17.50	21.00	23.90	320	295	295	295
24x18	0.82	0.59	10.00	18.00	18.80	26.80	325	310	—	—	0.61	0.54	10.00	18.00	18.80	21.80	305	300	310	290
24x20	0.82	0.64	8.80	16.00	16.80	24.80	315	305	—	—	0.61	0.57	7.80	13.50	13.80	19.80	300	270	275	280
30x16	0.86	0.50	20.00	28.00	—	—	425	565	—	—	0.86	0.50	30.00	28.00	39.00	48.00	633	565	623	555
30x18	0.86	0.54	18.00	27.00	—	—	405	560	—	—	0.86	0.54	28.00	27.00	39.00	48.00	658	590	605	567
30x20	0.86	0.57	24.00	33.00	—	—	525	565	—	—	0.86	0.57	24.00	33.00	33.00	42.00	828	566	593	595
30x24	0.86	0.61	10.00	24.50	—	—	420	495	—	—	0.86	0.61	10.00	24.50	24.50	33.50	420	495	536	458
30x16	0.74	0.50	36.00	—	—	—	765	850	—	—	0.74	0.50	36.00	27.00	—	—	1018	765	—	—
30x20	0.74	0.57	36.00	45.00	—	—	903	874	—	—	0.74	0.57	36.00	45.00	54.00	63.00	971	874	950	849
30x24	0.74	0.61	13.00	33.00	—	—	773	746	—	—	0.74	0.61	13.00	33.00	33.00	42.00	773	746	818	709
36x30	0.74	0.66	15.50	24.50	—	—	838	725	—	—	0.74	0.66	15.50	24.50	24.50	725.00	650	33.5	258	657
42x24	0.82	0.74	20.00	—	—	—	1067	—	—	—	0.82	0.74	20.00	29.00	29.00	38.00	1063	931	1015	963
42x36	0.82	0.74	15.50	—	—	—	1118	—	—	—	0.82	0.74	15.50	24.50	24.50	33.50	1114	962	1013	881
48x36	0.90	0.86	40.00	—	—	—	1572	—	—	—	0.90	0.86	40.00	49.00	49.00	58.00	1779	1594	1711	1536
48x36	0.90	0.74	28.00	—	—	—	1632	—	—	—	0.90	0.74	28.00	37.00	37.00	46.00	1641	1456	1540	1335
48x42	0.90	0.82	15.50	—	—	—	1488	—	—	—	0.90	0.82	15.50	24.50	24.50	33.50	1426	1241	1274	1088

Tyler Union does not recommend the use of wedge action restraints on plain end fittings

TYLER UNION Quality Waterworks Products

9

1 | TYLER UNION MECHANICAL JOINT TEE

N.T.S.

MECHANICAL JOINT FITTINGS | **TEES**

C153 DUCTILE IRON COMPACT FITTINGS

MJ Tee	MJxFL Tee	MJxSwivel Tee	Cross

Size	Domestic T	Domestic T1	Domestic H	Domestic J1	Domestic J2	Domestic J3	Weight MJ	Weight MJ x FL	Weight MJ x Swivel	Weight Cross	Import T	Import T1	Import H	Import J1	Import MJ	Import Cross
3	0.34	0.34	3.50	3.50	6.50	—	39	39	—	31	0.33	0.33	3.00	3.00	38	35
4x3	0.35	0.34	3.50	4.00	6.50	—	35	34	—	39	0.34	0.33	3.50	4.00	36	34
4	0.35	0.35	4.00	4.00	6.50	—	37	39	—	45	0.34	0.34	4.00	4.00	32	40
6x3	0.37	0.34	4.00	4.00	6.50	—	51	54	—	—	0.36	0.33	3.50	5.00	42	—
6x4	0.37	0.35	5.00	6.00	9.00	—	52	57	—	92	0.36	0.34	4.00	5.00	46	57
6	0.37	0.37	6.00	6.00	9.00	—	58	63	—	73	0.36	0.36	5.00	5.00	75	75
8x3	0.39	0.34	4.00	6.50	9.00	—	56	69	—	—	—	—	—	—	—	—
8x4	0.39	0.35	5.00	6.50	9.00	—	68	82	—	84	0.38	0.34	4.00	6.50	60	69
8x6	0.39	0.37	5.50	6.50	9.00	11.50	79	87	74	98	0.38	0.36	5.00	6.50	72	74
8	0.39	0.39	6.50	6.50	9.00	11.50	89	101	118	112	0.38	0.38	6.50	6.50	89	105
10x3	0.41	0.34	4.00	7.50	11.00	—	80	—	—	—	—	—	—	—	—	—
10x4	0.41	0.35	4.50	7.50	11.00	—	92	92	—	98	0.40	0.34	4.00	7.50	78	84
10x6	0.41	0.37	5.50	7.50	11.00	13.00	99	110	114	121	0.40	0.36	5.00	7.50	90	109
10x8	0.41	0.39	6.50	7.50	11.00	13.00	110	120	130	135	0.40	0.38	6.50	7.50	105	124
10	0.41	0.41	7.50	7.50	11.00	—	132	144	—	156	0.40	0.40	7.50	7.50	130	165
12x3	0.43	0.34	4.00	8.75	12.00	—	99	—	—	—	—	—	—	—	—	—
12x4	0.43	0.35	4.00	9.00	12.00	—	108	118	—	119	0.42	0.34	4.00	8.75	94	109
12x6	0.43	0.37	5.00	9.00	12.00	14.25	119	122	132	138	0.42	0.34	4.00	8.75	110	128
12x8	0.43	0.39	6.50	9.00	12.00	14.25	130	140	145	148	0.42	0.38	5.00	8.75	125	145
12x10	0.43	0.41	7.50	8.75	12.00	—	159	174	—	167	0.42	0.40	7.50	8.75	140	179
12	0.43	0.43	8.75	8.75	12.00	—	173	198	—	192	0.42	0.42	8.75	8.75	160	213
14x3	0.51	0.44	5.50	10.50	14.00	16.00	160	205	211	210	0.42	0.36	6.50	10.50	102	200
14x8	0.51	0.45	7.50	10.50	14.00	—	211	—	—	231	0.47	0.38	7.50	10.50	206	228
14x10	0.51	0.46	8.50	10.50	14.00	—	229	244	—	255	0.47	0.40	8.50	10.50	228	—
14x12	0.51	0.47	9.50	10.50	14.00	—	247	264	—	280	0.47	0.42	9.50	10.50	250	—
14	0.51	0.51	10.50	10.50	14.00	—	281	291	—	299	0.47	0.47	10.50	10.50	280	239
16x3	0.52	0.45	6.50	11.50	15.00	16.00	222	230	243	250	0.50	0.36	6.50	11.50	216	240
16x8	0.52	0.46	7.50	11.50	15.00	—	245	260	—	264	0.50	0.38	7.50	11.50	240	265
16x10	0.52	0.47	8.50	11.50	15.00	—	267	287	—	286	0.50	0.40	8.50	11.50	264	—
16x12	0.52	0.48	9.50	11.50	15.00	—	277	312	—	312	0.50	0.42	9.50	11.50	280	—
16x14	0.52	0.49	10.50	11.50	15.00	—	312	348	—	—	0.50	0.47	10.50	11.50	320	—
16	0.52	0.52	11.50	11.50	15.00	—	337	324	—	451	0.50	0.50	11.50	11.50	322	—
18x6	0.59	0.44	8.50	14.50	15.50	16.00	273	282	279	—	0.54	0.36	8.50	12.50	275	—
18x8	0.59	0.45	7.50	14.50	14.50	—	280	351	—	—	0.54	0.38	7.50	12.50	295	—
18x10	0.59	0.47	8.50	12.50	—	—	280	—	—	—	0.54	0.40	8.50	12.50	315	—
18x12	0.59	0.49	9.50	12.50	—	—	372	—	—	—	0.54	0.42	9.50	12.50	335	348
18x14	0.59	0.56	10.50	12.50	—	—	413	411	—	—	0.54	0.47	10.50	12.50	355	—
18x16	0.59	0.57	11.50	12.50	—	—	445	—	—	—	0.54	0.50	11.50	12.50	405	—
18	0.59	0.59	12.50	12.50	—	—	490	—	—	—	0.54	0.54	12.50	12.50	435	348
20x6	0.66	0.44	7.50	14.00	16.00	19.50	335	362	358	—	0.57	0.36	7.50	14.00	315	—
20x8	0.66	0.45	8.00	14.00	—	—	390	—	—	—	0.57	0.38	8.00	14.00	345	379
20x10	0.66	0.47	9.00	14.00	—	—	417	—	—	—	0.57	0.40	9.00	14.00	375	—
20x12	0.66	0.49	10.00	14.00	—	—	460	—	—	—	0.57	0.42	10.00	14.00	395	433
20x14	0.66	0.56	11.00	14.00	—	—	475	—	—	—	0.57	0.47	11.00	14.00	440	—
20x16	0.66	0.57	12.00	14.00	—	—	530	—	—	—	0.57	0.50	12.00	14.00	465	—
20x18	0.66	0.59	13.00	14.00	—	—	570	—	—	—	0.57	0.54	13.00	14.00	505	—
20	0.66	0.66	14.00	14.00	—	—	665	—	—	—	0.57	0.57	14.00	14.00	535	—

NOTE: Contact TU Inside Sales representative for MJ Crosses larger than 16 inch. TMJxSwivel Weights include swivel gland
**NOTE: Other sizes available, contact Tyler Union for information.

TYLER UNION Quality Waterworks Products

5

C:\Users\rheiges\ACCDocs\RITD\474 RCR Taylor\Project Files\6-Water Line Extension\B-Full Design Engineering\2-ENGVA-DWG\474-6-C-DET-CONST-WL-SPEC.dwg * 4/4/2023 5:33 PM * Plotted by Richard Heiges

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC
35505 COOPER ROAD - P.O. BOX 1087
BROOKSHIRE, TEXAS 77423
(281) 392-4850 WWW.RITD-LLC.COM FIRM F-16264

NOT TO SCALE

REV.	DATE	BY	

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED PROFESSIONAL ENGINEER
03-30-2023

DATE 03/30/2023 DRAWN JM
CHECK RH APPR'D RH

SERVED BY: UNION PACIFIC RAILROAD

LOCATION AND DESCRIPTION:
MP 148.63, AUSTIN SUBDIVISION
TAYLOR, WILLIAMSON COUNTY, TEXAS
TRACKAGE TO SERVE: RCR TAYLOR RAIL, L.P.

RCR TAYLOR RAIL, L.P.
RCR - TAYLOR LOGISTICS PARK

ISSUE FOR PERMIT
WATERLINE AS-BUILT DRAWINGS
WATERLINE SPEC DETAILS

PZ-2021-1362

C4.5

PROJ #: 474-6

AFFIDAVIT OF SUBDIVIDER COMPLIANCE

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

BEFORE ME, the undersigned, a Notary Public in and for the State set forth below, on this day personally appeared Hydie H. McAlister, on behalf of **RCR TAYLOR RAIL, L.P.**, a Texas limited partnership and **RCR TAYLOR RAIL, L.P.**, a Texas limited partnership (together, "Subdivider") and who, after being duly sworn, deposed and said that:

1. Subdivider is the current owner of the real property located in Williamson County, Texas which is described on Exhibit A attached hereto and made a part hereof (the "Property"), and affiant is familiar with the Property.

2. With respect to the Property and the waterline improvements constructed and installed by (or on behalf of) Subdivider to be accepted by the City of Taylor, to the best knowledge and belief of affiant:

(a) With regard to the waterline improvements, Subdivider's general contractor who constructed and installed the waterline improvements on Subdivider's behalf, W.T. Byler Co., Inc., has constructed and installed the waterline improvements in accordance and compliance with (1) all City of Taylor regulations and other requirements set forth in Chapter 2, Article II of the City of Taylor Subdivision Ordinance and (2) the Approved Design Plans identified as FM3349 Public Waterline Extension (PZ 2021-1362).

The statements herein contained are made by affiant with the understanding and intent that they may be relied upon by the City of Taylor pursuant to with Chapter 2, Article II, Section 2.15.3 of the City of Taylor Subdivision Ordinance.

[SIGNATURE ON FOLLOWING PAGE]

EXECUTED as of the dates of the acknowledgments set forth below.

HYDIE H. MCALISTER

SWORN TO AND SUBSCRIBED before me by HYDIE H. MCALISTER as of March 20, 2023.

Marcia F Vander Vegte
Notary Public in and for the State of Texas

THE STATE OF TEXAS §
§
COUNTY OF WALLER §

This instrument was acknowledged before me on March 20, 2023, by HYDIE H. MCALISTER.

MARCIA F. VANDER VEGTE
Notary Public, State of Texas
Comm. Expires 10-20-2025
Notary ID 8059557

Marcia F Vander Vegte
Notary Public in and for the State of Texas

Exhibit A

THE PROPERTY

ALL THAT CERTAIN TRACT OR PARCEL OF 755.93 ACRES, LYING AND BEING SITUATED IN THE CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS PART OF THE WATKINS NOBLES SURVEY, A-484, AND THE JAMES C. EAVES SURVEY, A-213, BEING ALL OF THE SAME LAND DESCRIBED AS 105.275 ACRES (TRACT 1) AND 15.285 ACRES (TRACT 2) IN THE DEED FROM RCR TAYLOR LAND, L.P. TO RCR TAYLOR RAIL, L.P., AS RECORDED IN INSTRUMENT NO. 2020166309, IN THE OFFICIAL PUBIC RECORDS OF WILLIAMSON COUNTY, TEXAS, BEING THE RESIDUE OF THE SAME LAND DESCRIBED AS 67.16 ACRES IN THE DEED FROM RCR TAYLOR LAND, L.P. TO RCR TAYLOR RAIL, L.P., DATED SEPTEMBER 18, 2019, AS RECORDED IN INSTRUMENT NO. 2019088597, IN SAID OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, SAID RESIDUE BEING PART OF RCR TAYLOR LOGISTICS PARK, PHASE 1, A MAP OR PLAT OF SAID SUBDIVISION BEING OF RECORD IN INSTRUMENT NO. 2020121869, IN SAID OFFICIAL PUBLIC RECORDS, BEING ALL OF THE SAME LAND DESCRIBED AS 84.000 ACRES IN THE DEED FROM RCR TAYLOR LAND, L.P. TO RCR TAYLOR RAIL, L.P., AS RECORDED IN INSTRUMENT NO. 2021132303, IN SAID OFFICIAL PUBLIC RECORDS, BEING THE SAME LAND CALLED 52.463 ACRES (TRACT 1) 3.703 ACRES (TRACT 3), AND 5.048 ACRES (TRACT 4) IN THE DEED FROM RCR TAYLOR LAND, L.P. TO RCR TAYLOR RAIL, L.P., DATED MAY 16, 2022, AS RECORDED IN DOCUMENT NO. 2022061065, IN SAID OFFICIAL PUBLIC RECORDS, BEING PART OF THE SAME LAND DESCRIBED AS 193.41 ACRES IN THE IN THE DEED FROM STEVEN SLAUGHTER TO RCR TAYLOR LAND, L.P., AS RECORDED IN INSTRUMENT NO. 2018058726, IN THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, PART OF THE SAME LAND DESCRIBED AS 183.94 ACRES IN THE DEED FROM JEFFREY B. BENTLEY AND JAMES V. BENTLEY TO RCR TAYLOR LAND, L.P., AS RECORDED IN INSTRUMENT NO. 2018058735, IN SAID OFFICIAL PUBLIC RECORDS, PART OF THE SAME LAND DESCRIBED AS 183.84 ACRES IN THE DEED FROM CONSTANCE SLOCOMB, TRUSTEE OF THE JOHN GUY SLOCOMB FAMILY TRUST AND LUCILE SLOCOMB THOMPSON TO RCR TAYLOR LAND, L.P., AS RECORDED IN INSTRUMENT NO. 2018058736, IN SAID OFFICIAL PUBLIC RECORDS, AND PART OF THE SAME LAND DESCRIBED AS 194.559 ACRES IN THE DEED FROM DAVID C. BLANKENSHIP, ET AL TO RCR TAYLOR LAND, L.P., AS RECORDED IN INSTRUMENT NO. 2018058746, IN SAID OFFICIAL PUBLIC RECORDS, SAID 194.559 ACRE TRACT INCLUDING 1.34 ACRES SITUATED WITHIN THE ROAD MARGINS OF WILLIAMSON COUNTY ROAD 404, , SAID 755.41 BEING MORE FULLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS, TO-WIT:

BEGINNING AT A 1/2 INCH IRON ROD FOUND WITH ID. CAP (SAM) BEING ON THE EAST RIGHT OF WAY LINE OF F.M. 3349 FOR AN ANGLE POINT HEREOF AND OF SAID ORIGINAL TRACT CALLED 193.41 ACRES, A TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) TYPE 1 CONCRETE MONUMENT FOUND ON THE WEST RIGHT OF WAY LINE OF SAID F.M. 3349 BEARS N 82°24'18" W 100.00 FEET;

THENCE ALONG THE EAST RIGHT-OF-WAY LINE OF SAID FM 3349 FOR A WEST LINE HEREOF AND OF SAID ORIGINAL TRACT CALLED 193.41 ACRES, N 07'13'58" E, AT 148.06 FEET PASS A 5/8 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR THE SOUTHWEST CORNER OF THE WILLIAMSON COUNTY, TEXAS TRACT CALLED 0.211 ACRES AS RECORDED IN INSTRUMENT NO. 2020113642 IN SAID OFFICIAL PUBLIC RECORDS, AT 270.06 FEET PASS A 5/8 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR THE NORTHWEST CORNER OF SAID WILLIAMSON COUNTY, TEXAS TRACT CALLED 0.211 ACRES, AND AT A TOTAL DISTANCE OF 342.08 FEET TO A 1/2 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR A NORTHWEST CORNER HEREOF AND OF SAID ORIGINAL 193.41 ACRES, COMMON WITH A SOUTHWEST CORNER OF THE CITY OF HUTTO TRACT CALLED 5.00 ACRES, AS RECORDED IN INSTRUMENT NO. 2003011596, IN SAID OFFICIAL PUBLIC RECORDS;

THENCE COMMON WITH THE SOUTH, EAST, AND NORTH LINES OF SAID CITY OF HUTTO TRACT CALLED 5.00 ACRES, S 82°38'41" E 436.92 FEET TO A 1/2 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR THE SOUTHEAST CORNER OF SAID CITY OF HUTTO TRACT CALLED 5.00 ACRES, COMMON WITH AN INTERIOR CORNER HEREOF, N 07°13'58" E 498.81 FEET TO 1/2 INCH IRON ROD FOUND FOR THE NORTHEAST CORNER OF SAID CITY OF HUTTO TRACT CALLED 5.00 ACRES, COMMON WITH AN INTERIOR CORNER HEREOF, AND N 82°38'41" W 436.93 FEET TO A 5/8 INCH IRON ROD FOUND WITH ID. CAP (VARA SURVEYING) ON THE EAST RIGHT-OF-WAY LINE OF SAID FM 3349 FOR THE NORTHWEST CORNER OF SAID CITY OF HUTTO TRACT CALLED 5.00 ACRES, COMMON WITH A SOUTHWEST CORNER HEREOF AND OF SAID ORIGINAL TRACT;

THENCE ALONG THE EAST RIGHT-OF-WAY LINE OF SAID FM 3349, COMMON WITH THE WEST LINE OF SAID ORIGINAL 193.41 ACRES TRACT, FOR A WEST LINE HEREOF, N 07°13'58" E 383.12 FEET TO A POINT FOR CORNER FOR THE NORTHWEST CORNER HEREOF AND OF SAID ORIGINAL 193.41 ACRES TRACT, BEING ON THE EAST RIGHT-OF-WAY LINE OF SAID FM 3349 AT ITS INTERSECTION WITH THE OCCUPIED SOUTH RIGHT-OF-WAY LINE OF THE UNION PACIFIC RAILROAD;

THENCE ALONG THE OCCUPIED SOUTH LINE OF SAID UNION PACIFIC RAILROAD, COMMON WITH THE NORTH LINE HEREOF AND OF SAID ORIGINAL 193.41 ACRES TRACT, N 77°23'39"E, AT 446.66 FEET PASS THE NORTHWEST CORNER OF RCR TAYLOR LOGISTICS PARK, PHASE 1 LOT 1 (CALLED 67.16 ACRES), AS RECORDED IN INSTRUMENT NO. 2020121869, IN SAID OFFICIAL PUBLIC RECORDS, AT 1888.89 FEET PASS THE NORTHEAST CORNER OF SAID RCR TAYLOR, LOT 1 (CALLED 67.16 ACRES), AND CONTINUING FOR A TOTAL DISTANCE OF 2,846.85 FEET TO A 2-INCH CEDAR POST FOUND FOR THE MOST NORTHERLY NORTHEAST CORNER HEREOF AND OF SAID ORIGINAL 193.41 ACRES TRACT;

THENCE ALONG AN EAST LINE HEREOF AND OF SAID ORIGINAL 193.41 ACRES TRACT AND SAID 5.048 ACRES TRACT, BEING ALONG A WEST LINE OF THE C. ERNEST LAWRENCE TRACT CALLED 305.22 ACRES AS RECORDED IN DOCUMENT NO. 2005011334, OF SAID OFFICIAL PUBLIC RECORDS, S 21°32'51" E 1,181.09 FEET TO A FOUND 1/2" IRON ROD FOR AN INTERIOR CORNER HEREOF AND OF SAID ORIGINAL TRACT CALLED 193.41 ACRES, COMMON WITH A SOUTHWEST CORNER OF SAID LAWRENCE TRACT CALLED 305.22 ACRES, ALSO BEING ON OR NEAR THE DIVISION LINE BETWEEN SAID ORIGINAL EAVES AND NOBLES SURVEYS;

THENCE ALONG A NORTH LINE HEREOF AND OF SAID 5.048 ACRES TRACT, COMMON WITH A SOUTH LINE OF SAID 305.22 ACRES TRACT, BEING ALONG OR NEAR THE DIVISION LINE OF SAID SURVEYS, N 68°47'13" E 856.09 FEET TO A 1/2 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOUND FOR AN EXTERIOR ANGLE POINT HEREOF AND OF SAID ORIGINAL TRACT, COMMON WITH AN INTERIOR ANGLE POINT OF SAID 305.22 ACRES TRACT, ALSO BEING AN EXTERIOR CORNER OF THE JAMES C. EAVES SURVEY, A-214;

THENCE ALONG THE NORTH LINE OF SAID 5.048 ACRES AND A PORTION OF A NORTH LINE OF SAID 193.41 ACRES TRACT FOR THE NORTH LINE HEREOF, COMMON WITH A SOUTH LINE OF SAID 305.22 ACRES TRACT, BEING ALONG OR NEAR THE DIVISION LINE BETWEEN SAID NOBLES SURVEY, A-484 AND SAID EAVES SURVEY, A-214, S 82°23'17" E 750.03 FEET TO A 3-INCH METAL POST FOUND FOR THE NORTHEAST CORNER HEREOF AND OF SAID ORIGINAL 193.41 ACRES TRACT, COMMON WITH AN INTERIOR CORNER OF SAID 305.22 ACRES TRACT, BEING ON OR NEAR THE NORTHEAST CORNER OF SAID NOBLES SURVEY, A-484, COMMON WITH THE NORTHWEST CORNER OF THE THOMAS B. LEE SURVEY, A-800, AND THE SOUTH LINE OF SAID EAVES SURVEY, A-214;

THENCE ALONG AN EAST LINE HEREOF, BEING ALONG THE EAST LINE OF SAID ORIGINAL TRACT CALLED 193.41 ACRES, THE EAST LINE OF SAID ORIGINAL TRACT CALLED 183.94 ACRES, THE EAST LINE OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, COMMON WITH THE WEST LINE OF SAID 305.22 ACRES TRACT, AND THE WEST LINE OF THE EUGENE R. KANAK & JUDY A. KANAK, EACH AS TRUSTEE OF THE EUGENE R. & JUDY A. KANAK LIVING TRUST DATED OCTOBER 14, 1997 TRACT CALLED 164.685 ACRES, AS RECORDED IN INSTRUMENT NO. 2012107105, IN SAID OFFICIAL PUBLIC RECORDS, ALSO BEING ALONG OR NEAR THE DIVISION LINE BETWEEN SAID NOBLES SURVEY, A-484 AND SAID LEE SURVEY, A-800, S 07°32'28" W, AT 1747.60 FEET PASS A 1/2 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR THE SOUTHEAST CORNER OF SAID ORIGINAL TRACT CALLED 193.41 ACRES, COMMON WITH THE NORTHEAST CORNER OF SAID ORIGINAL TRACT CALLED 183.94 ACRES, AT 3437.28 FEET PASS A BENT 3/4-INCH IRON ROD FOUND FOR THE SOUTHEAST CORNER OF SAID ORIGINAL TRACT CALLED 183.94 ACRES, COMMON WITH THE NORTHEAST CORNER OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, AND AT A TOTAL DISTANCE OF 4,577.16 FEET TO A FENCE CORNER POST FOUND FOR A SOUTHEAST CORNER HEREOF AND OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, COMMON WITH AN INTERIOR CORNER OF SAID KANAK TRACT CALLED 164.685 ACRES;

THENCE ALONG A SOUTH LINE HEREOF AND OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, COMMON WITH A NORTH LINE OF SAID 164.685 ACRES, N 83°33'29" W 231.81 FEET TO A 1/2 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR AN INTERIOR CORNER HEREOF AND OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, COMMON WITH A NORTHWEST CORNER OF SAID 164.685 ACRES;

THENCE ALONG AN EAST LINE HEREOF AND OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, COMMON WITH A WEST LINE OF SAID 164.685 ACRES, S 07°23'02" W, AT 574.06 FEET PASS A 1/2 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR A SOUTHEAST CORNER OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, COMMON WITH A NORTHEAST CORNER OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, AND AT A TOTAL DISTANCE OF 960.27 FEET TO A 5/8 INCH IRON ROD FOUND WITH ID. CAP (BRYAN TECH SERVICES) FOR AN INTERIOR CORNER HEREOF AND OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, COMMON WITH A SOUTHWEST CORNER OF SAID 164.685 ACRES;

THENCE ALONG A NORTH LINE HEREOF AND OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, COMMON WITH A PORTION OF A SOUTH LINE OF SAID 164.685 ACRES TRACT, S 82°29'31" E 233.54 FEET TO A NORTHEAST CORNER HEREOF AND OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, BEING ON THE SOUTH LINE OF SAID 164.685 ACRES, BEING ON OR NEAR THE DIVISION LINE BETWEEN SAID NOBLES SURVEY, A-484 AND THE H.T. & B. RAILROAD CO. SURVEY, A-318, SAID CORNER BEING WITHIN THE MARGINS OF SAID WILLIAMSON COUNTY ROAD 404;

THENCE ALONG AN EAST LINE HEREOF AND OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, BEING WITHIN THE MARGINS OF SAID WILLIAMSON COUNTY ROAD 404, S 07°37'22" 2017.60 FEET TO THE SOUTHEAST CORNER OF THE SAID ORIGINAL TRACT CALLED 194.559 ACRES, AND THE SOUTHEAST CORNER HEREOF;

THENCE ALONG A SOUTH LINE HEREOF, AND OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, A PORTION OF WHICH BEING ALONG THE NORTH LINE OF THE HENRY H. HOLUBEC JR., ET AL., TRACT CALLED 85.681 ACRES, AS RECORDED IN VOLUME 1051, PAGE 818, OF SAID OFFICIAL PUBLIC RECORDS, N 83°29'47" W, AT 29.00 FEET PASS A CONCRETE MONUMENT FOUND FOR THE NORTHEAST CORNER OF SAID HOLUBEC TRACT, AND AT A TOTAL DISTANCE OF 2269.71 FEET TO A BROKEN-OFF CONCRETE MONUMENT FOUND FOR THE NORTHWEST CORNER OF SAID HOLUBEC TRACT, COMMON WITH A SOUTHWEST CORNER HEREOF, AND OF SAID ORIGINAL TRACT, BEING ON EAST LINE OF THE JOEL B.

CARPENTER TRACT CALLED 18.165 ACRES, AS RECORDED IN INSTRUMENT NO. 2012073128 OF SAID OFFICIAL PUBLIC RECORDS;

THENCE ALONG A WEST LINE HEREOF, AND OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, BEING ALONG A PORTION OF SAID EAST LINE OF SAID CARPENTER TRACT, AND ALONG THE EAST LINE OF SAID NAIVAR TRACT, N 07°28'48" E 1165.53 FEET TO A FENCE CORNER POST FOUND FOR THE NORTHEAST CORNER OF SAID NAIVAR TRACT, COMMON WITH AN INTERIOR CORNER HEREOF, AND OF SAID ORIGINAL 194.559 ACRES;

THENCE ALONG A SOUTH LINE HEREOF, AND A PORTION OF A SOUTH LINE OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, COMMON WITH A PORTION OF THE NORTH LINE OF SAID NAIVAR TRACT, N 82°24'58" W, AT 1009.97 FEET PASS A 5/8 INCH IRON ROD SET WITH ID. CAP (RITD, LLC - RPLS 6452) SET FOR A REFERENCE POINT ON THE SOUTH LINE HEREOF, AND AT A TOTAL DISTANCE OF 2471.67 FEET TO CORNER IN A FOUND FENCE CORNER POST FOR THE NORTHWEST CORNER OF SAID NAIVAR TRACT, THE SOUTHWEST CORNER OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, AND THE SOUTHWEST CORNER HEREOF;

THENCE ALONG THE WEST LINE HEREOF, AND THE WEST LINE OF THE SAID ORIGINAL TRACT CALLED 194.56 ACRES, COMMON WITH THE EAST RIGHT-OF-WAY LINE OF SAID F.M. 3349, N 07°30'27" W 1241.34 FEET TO A 5/8 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR THE NORTHWEST CORNER OF SAID ORIGINAL TRACT CALLED 194.559 ACRES, COMMON WITH THE SOUTHWEST CORNER HEREOF AND OF THE SAID ORIGINAL TRACT CALLED 183.84 ACRES;

THENCE ALONG THE WEST LINE HEREOF, AND THE WEST LINE OF THE SAID ORIGINAL TRACT CALLED 183.84 ACRES, COMMON WITH THE EAST RIGHT-OF-WAY LINE OF SAID F.M. 3349, N 07°31'56" E 1716.26 FEET TO A 5/8 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR THE NORTHWEST CORNER OF SAID ORIGINAL TRACT CALLED 183.84 ACRES, THE SOUTHWEST CORNER OF SAID ORIGINAL TRACT CALLED 183.94 ACRES;

THENCE ALONG THE WEST LINE HEREOF, AND OF SAID ORIGINAL TRACT CALLED 183.94 ACRES, COMMON WITH THE EAST RIGHT-OF-WAY LINE OF SAID F.M. 3349, N 07°35'42" W, AT 1689.67 FEET PASS A 5/8 INCH IRON ROD FOUND WITH ID. CAP (SAM) FOR THE NORTHWEST CORNER OF SAID ORIGINAL TRACT CALLED 183.94 ACRES, THE SOUTHWEST CORNER OF SAID ORIGINAL TRACT CALLED 193.41 ACRES, AND A SOUTHWEST CORNER HEREOF, FOR A TOTAL DISTANCE OF 1893.85 FEET TO THE PLACE OF BEGINNING CONTAINING 755.93 ACRES OF LAND.

NOTICE:

This document waives rights unconditionally and states that you have been paid for giving up those rights. It is prohibited for a person to require you to sign this document if you have not been paid the payment amount set forth below. If you have not been paid, use a conditional release form.

UNCONDITIONAL WAIVER AND RELEASE ON FINAL PAYMENT

Project: Taylor Waterline

Job Number: 00640

The signer of this document has been paid in full for all labor, services, equipment, or materials furnished to the property or to RCR Taylor Rail LP (person with whom signer contracted) on the property of RCR Taylor Rail LP (owner) located at 201 FM 3349 Taylor, TX (location) to the following extent: spoil removal (job description). The signer therefore waives and releases any mechanic's lien right, any right arising for a payment bond that complies with a state or federal statute, any common law payment bond right, any claim for payment, and any rights under any similar ordinance, rule, or statute related to claim or payment rights for the persons in the signer's position.

The signer warrants that the signer has already paid or will use the funds received from this final payment to promptly pay in full all of the signer's laborers, subcontractors, materialmen, and suppliers for all work, materials, equipment, or services provided for or to the above referenced project up to the date of this waiver and release.

Date 03/10/23

W. T. Byler Co., Inc (Company Name)

By _____ (Signature)

CFO (Title)

This instrument was executed and acknowledged before me on this 10 day of March, 20 23, by Steve Smith, known to me as the person whose name is subscribed above, as CFO (title) of W. T. Byler Co., Inc (company) on behalf of and as the authorized act of said entity.

_____

Notary Public in and for the State of Texas

My Commission Expires: 12/21/2026

GAIL FRANKLIN
NOTARY PUBLIC, STATE OF TEXAS
Notary ID #1144549-3
Expires December 21, 2026

NOTICE:

This document waives rights unconditionally and states that you have been paid for giving up those rights. It is prohibited for a person to require you to sign this document if you have not been paid the payment amount set forth below. If you have not been paid, use a conditional release form.

UNCONDITIONAL WAIVER AND RELEASE ON FINAL PAYMENT

Project: Tayler Waterline

Job Number: 00640

The signer of this document has been paid in full for all labor, services, equipment, or materials furnished to the property or to W. T. Byler Co., Inc (person with whom signer contracted) on the property of RCR Taylor Rail (owner) located at 201 FM 3349 Taylor, TX (location) to the following extent: installed 20" waterline (job description). The signer therefore waives and releases any mechanic's lien right, any right arising for a payment bond that complies with a state or federal statute, any common law payment bond right, any claim for payment, and any rights under any similar ordinance, rule, or statute related to claim or payment rights for the persons in the signer's position.

The signer warrants that the signer has already paid or will use the funds received from this final payment to promptly pay in full all of the signer's laborers, subcontractors, materialmen, and suppliers for all work, materials, equipment, or services provided for or to the above referenced project up to the date of this waiver and release.

Date 3/10/23

Persons Services Corp (Company Name)

By _____ (Signature)

Vice President (Title)

This instrument was executed and acknowledged before me on this 10th day of March, 2023, by Bryan Stafford, known to me as the person whose name is subscribed above, as Vice President (title) of Persons Servres Corp (company) on behalf of and as the authorized act of said entity.

Brandy Moore

Notary Public in and for the State of Texas

My Commission Expires: 8-2-2023

BRANDY MOORE
Notary Public, State of Texas
Comm. Expires 08-02-2023
Notary ID 132112890

RITD
RAILROAD INFRASTRUCTURE & TERMINAL DEVELOPMENT, LLC

March 24, 2023

City of Taylor Development Services
400 Porter Street
Taylor, Texas 76574

RE: Engineer's Concurrence For Project Acceptance

Project: RCR Taylor Logistics Park – FM 3349 Waterline Extension (PZ 2021-1362)

Owner's Name & Address	**Engineer's Name & Address**
Hydie McAlister – RCR Rail Co.	Richard W. Heiges – RITD
250 US-290 BUS, Hempstead, TX 77445	35505 Cooper Rd, Brookshire, TX 77423

To whom it may concern:

On March 13, 2023, I, the undersigned Professional Engineer in the State of Texas, met with representatives of the City of Taylor's Development Services Department, Fire Department, Public Works Department, Engineering representatives, and the Project Contractor and made a visual inspection of the above referenced project. No discrepancies in approved construction plans or deficiencies in construction were visible or brought to my attention by the parties at the meeting except the lack of Storz caps on the fire hydrants. The Project Contractor has now corrected the deficiency to the satisfaction of the Fire Department. I, therefore, recommend acceptance of this project by the City of Taylor.

Respectfully,

RICHARD W. HEIGES, PE/RPLS
Railroad Infrastructure & Terminal Development, LLC
RITD | Railroad Consulting | Engineering | Inspection
P.O. Box 1087 | 35505 Cooper Rd. | Brookshire, TX 77423
O: 281-392-4850 | F: 281-934-3530 | www.ritd-llc.com

STATE OF TEXAS
RICHARD W. HEIGES
123135
LICENSED
PROFESSIONAL ENGINEER

03/24/2023

The following form must be completed for each assembly tested. A signed and dated original must be submitted to the public water supplier for recordkeeping purposes:

BACKFLOW PREVENTION ASSEMBLY TEST AND MAINTENANCE REPORT

NAME OF PWS: CITY OF TAYLOR
PWS I.D.: # TX246004
MAILING ADDRESS: 1201 N. MAIN ST., TAYLOR, TX
CONTACT PERSON:
LOCATION OF SERVICE: SAMSUNG, 115 FM 3349, TAYLOR, TX

The backflow prevention assembly detailed below has been tested and maintained as required by commission regulations and is certified to be operating within acceptable parameters.

TYPE OF ASSEMBLY

- ☒ Reduced Pressure Principle
- ☐ Double Check Valve
- ☐ Pressure Vacuum Breaker
- ☐ Reduced Pressure Principle-Detector
- ☐ Double Check-Detector
- ☐ Spill-Resistant Pressure Vacuum Breaker

Manufacturer: WATTS Size: 6"
Model Number: 957 Located At: IN HOT BOX, Right OF Driveway
Serial Number WF-2013

Is the assembly installed in accordance with manufacturer recommendations and/or local codes? YES

	Reduced Pressure Principle Assembly			Pressure Vacuum Breaker	
	Double Check Valve Assembly				
	1st Check	2nd Check	Relief Valve	Air Inlet	Check Valve
Initial Test	Held at 8.5 psid Closed Tight ☒ Leaked ☐	Held at ___ psid Closed Tight ☒ Leaked ☐	Opened at 3.4 psid Did not open ☐	Opened at ___ psid Did not open ☐	Held at ___ psid Leaked ☐
Repairs and Materials Used					
Test After Repair	Held at ___ psid Closed Tight ☐	Held at ___ psid Closed Tight ☐	Opened at ___ psid	Opened at ___ psid	Held at ___ psid

Test gauge used: Make/Model WILKINS TG-5 SN: 04090976 Date Tested for Accuracy: 1-27-23
Remarks: FIRE HYDRANTS
The above is certified to be true at the time of testing.
Firm Name AAA BACKFLOW TESTING
Firm Address P.O. BOX 80216
Firm Phone # 512-997-6000
Certified Tester (print) C. RAMIREZ JR
Certified Tester (signature)
Cert. Tester No. BP0015288 Date 3-24-23

* TEST RECORDS MUST BE KEPT FOR AT LEAST THREE YEARS
** USE ONLY MANUFACTURER'S REPLACEMENT PARTS

The following form must be completed for each assembly tested. A signed and dated original must be submitted to the public water supplier for recordkeeping purposes:

BACKFLOW PREVENTION ASSEMBLY TEST AND MAINTENANCE REPORT

NAME OF PWS: CITY OF TAYLOR
PWS I.D.: # TX246004
MAILING ADDRESS: 1201 N. MAIN ST., TAYLOR, TX
CONTACT PERSON:
LOCATION OF SERVICE: SAMSUNG, 115 FM 3349, TAYLOR, TX

The backflow prevention assembly detailed below has been tested and maintained as required by commission regulations and is certified to be operating within acceptable parameters.

TYPE OF ASSEMBLY

- ☒ Reduced Pressure Principle
- ☐ Double Check Valve
- ☐ Pressure Vacuum Breaker
- ☐ Reduced Pressure Principle-Detector
- ☐ Double Check-Detector
- ☐ Spill-Resistant Pressure Vacuum Breaker

Manufacturer: WATTS Size: 8"
Model Number: 957 Located At: HOT BOX BY VAULT
Serial Number WE-1333

Is the assembly installed in accordance with manufacturer recommendations and/or local codes? YES

2:05pm	Reduced Pressure Principle Assembly			Pressure Vacuum Breaker	
	Double Check Valve Assembly				
	1st Check	2nd Check	Relief Valve	Air Inlet	Check Valve
Initial Test	Held at 8-6 psid Closed Tight ☒ Leaked ☐	Held at ___ psid Closed Tight ☒ Leaked ☐	Opened at 3.1 psid Did not open ☐	Opened at ___ psid Did not open ☐	Held at ___ psid Leaked ☐
Repairs and Materials Used					
Test After Repair	Held at ___ psid Closed Tight ☐	Held at ___ psid Closed Tight ☐	Opened at ___ psid	Opened at ___ psid	Held at ___ psid

Test gauge used: Make/Model WILKINS TG-5 SN: 04090976 Date Tested for Accuracy: 1-27-23
Remarks: FIRE HYDRANTS
The above is certified to be true at the time of testing.
Firm Name AAA BACKFLOW TESTING
Firm Address P.O. BOX 80216
Firm Phone # 512-997-6000
Certified Tester (print) C. RAMIREZ JR
Certified Tester (signature)
Cert. Tester No. BP0015288 Date 3-24-23

* TEST RECORDS MUST BE KEPT FOR AT LEAST THREE YEARS
** USE ONLY MANUFACTURER'S REPLACEMENT PARTS

Daily Field Notes

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Activity Date: 08/09/2022
PM: Justin Castro
Report Number: 1
Temperature: 102
Technician: Malabanan, Virgil
Weather: A few clouds/Sunny

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938
Areas Tested: Utilities

Number of tests performed: 2
Number of tests that met density requirements: 2
Number of tests that did not meet density requirements: 0
Number of tests with results pending:
Fill source: On-Site
Type and source of imported fill:
Contractor notified of test results: Yes

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests as per client's request. Two (2) tests were completed on the water main trench backfill. All tests have met project specifications and contractors was informed of the test results on site.

Activity Date: 08/05/2022
PM: Justin Castro
Report Number: 2
Temperature: 101
Technician: Gonzales, John
Weather: Clear

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938
Areas Tested: Utilities

Number of tests performed: 10
Number of tests that met density requirements: 10
Number of tests that did not meet density requirements: 0
Number of tests with results pending: 0
Fill source: On-Site
Type and source of imported fill:
Contractor notified of test results: No

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:

Daily Field Notes

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Client:	Project:
Railroad Infrastructure & Terminal Development, LLC (RITD) 35505 Cooper Rd Brookshire, TX 77423	B2207187 Taylor Logistics Park - Site Waterline Installation 201 FM 3349 Taylor, TX 76574

Braun Intertec technician arrived on jobsite as requested by the client representative to performed field density testing.

10 field density testing on the Water Line backfill

Attachments



Activity Date: 08/10/2022 **PM:** Justin Castro **Report Number:** 3

Daily Field Notes

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Temperature: 100 **Technician:** Malabanan, Virgil **Weather:** Clear/Sunny

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938 **Areas Tested:** Utilities

Number of tests performed: 4
Number of tests that did not meet density requirements: 0
Fill source: On-Site
Contractor notified of test results: Yes
Number of tests that met density requirements: 4
Number of tests with results pending:
Type and source of imported fill:

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests as per client's request. Four (4) tests were completed on the water main trench backfill. All tests have met project specifications and contractors was informed of the test results on site.

Activity Date: 08/11/2022 **PM:** Justin Castro **Report Number:** 4
Temperature: 102 **Technician:** Malabanan, Virgil **Weather:** Clear/Sunny

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938 **Areas Tested:** Utilities

Number of tests performed: 1
Number of tests that did not meet density requirements: 0
Fill source: On-Site
Contractor notified of test results: Yes
Number of tests that met density requirements: 1
Number of tests with results pending:
Type and source of imported fill:
Name of person notified: Jaime Santander

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests as per client's request. One (1) test was completed on the water main trench backfill (inside the facility) and met project specifications. Jaime with Chasco was informed of the test result on site.

Daily Field Notes

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Activity Date: 08/16/2022
PM: Justin Castro
Report Number: 5
Temperature: 104
Technician: Malabanan, Virgil
Weather: Sunny

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938
Areas Tested: Utilities

Number of tests performed: 2
Number of tests that met density requirements: 2
Number of tests that did not meet density requirements: 0
Number of tests with results pending:
Fill source: On-Site
Type and source of imported fill:
Contractor notified of test results: Yes
Name of person notified: Chris (Persons Services Corp.)

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests on the watermain pipe trench backfill as per client's request. Two (2) tests were completed on the backfill and have met project specifications. Chris with Persons Services Corp. was informed of the test results on site.

Activity Date: 08/18/2022
PM: Justin Castro
Report Number: 6
Temperature: 100
Technician: Malabanan, Virgil
Weather: Sunny, Thunderstorm

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938
Areas Tested: Utilities

Number of tests performed: 2
Number of tests that met density requirements: 2
Number of tests that did not meet density requirements: 0
Number of tests with results pending:
Fill source: On-Site
Type and source of imported fill:
Contractor notified of test results: Yes
Name of person notified: Chris (Persons Services Corp.)

Remarks / Comments

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests on the watermain pipe trench backfill as per client's request. Two (2) tests were completed on the backfill and have met project specifications. Chris with Persons Services Corp. was informed of the test results on site.

Activity Date: 08/22/2022 **PM:** Justin Castro **Report Number:** 7
Temperature: 102 **Technician:** Malabanan, Virgil **Weather:** Overcast, Rain

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938 **Areas Tested:** Utilities

Number of tests performed: 2
Number of tests that met density requirements: 2
Number of tests that did not meet density requirements: 0
Number of tests with results pending:
Fill source: On-Site
Type and source of imported fill:
Contractor notified of test results: Yes
Name of person notified: Chris (Persons Services Corp.)

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests on the watermain pipe trench backfill as per client's request. Two (2) tests were completed on the backfill and have met project specifications. Chris with Persons Services Corp. was informed of the test results on site.

Activity Date: 08/25/2022 **PM:** Justin Castro **Report Number:** 8
Temperature: 97 **Technician:** Malabanan, Virgil **Weather:** Clear, Sunny

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938 **Areas Tested:** Utilities

Number of tests performed: 2
Number of tests that met density requirements: 2

Daily Field Notes

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Number of tests that did not meet density requirements: 0
Number of tests with results pending:
Fill source: On-Site
Type and source of imported fill:
Contractor notified of test results: Yes
Name of person notified: Chris (Persons Services Corp.)

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests on the watermain pipe trench backfill as per client's request. Two (2) tests were completed on the backfill and have met project specifications. Chris with Persons Services Corp. was informed of the test results on site.

Activity Date: 08/26/2022
PM: Justin Castro
Report Number: 9
Temperature: 100
Technician: Malabanan, Virgil
Weather: Clear, Sunny

Services Performed: Soil Density Testing

Density Testing

Method: Nuclear - ASTM D6938
Areas Tested: Utilities

Number of tests performed: 2
Number of tests that met density requirements: 2
Number of tests that did not meet density requirements: 0
Number of tests with results pending:
Fill source: On-Site
Type and source of imported fill:
Contractor notified of test results: Yes
Name of person notified: Chris (Persons Services Corp.)

Remarks / Comments

Were all scheduled activities completed: Yes
Were there any delays affecting our activities: No
Report emailed to client or contractor: No
General Comments:
Braun Intertec personnel arrived on site to conduct density tests on the watermain pipe trench backfill as per client's request. Two (2) tests were completed on the backfill and have met project specifications. Chris with Persons Services Corp. was informed of the test results on site.

BRAUN INTERTEC
The Science You Build On.

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Field Compaction Report

Report Date: 08/31/2022
Test Method: ASTM D6938

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1		08/09/22	4644 / 416784	C	AB	9.4	131.5	7.9	125.2	135.1	6	95	95	-2 / 2	A
2		08/09/22	4657 / 421521	A	TS	18.9	104.8	19.4	101.0	120.6	6	96	95	-2 / 2	A
3		08/05/22	4757 / 463318	C	AB	9.8	125.7	8.0	123.1	132.9	6	98	95	-2 / 2	A
4		08/05/22	4656 / 421520	A	TS	24.3	95.7	26.3	92.8	117.2	6	97	95	-2 / 2	A
5		08/05/22	4757 / 463318	C	AB	9.8	125.7	8.8	121.9	132.6	6	97	95	-2 / 2	A
6		08/05/22	4656 / 421520	A	TS	24.3	95.7	22.4	95.8	117.3	6	100	95	-2 / 2	A
7		08/05/22	4757 / 463318	C	AB	9.8	125.7	9.2	120.2	131.2	6	96	95	-2 / 2	A
8		08/05/22	4656 / 421520	A	TS	24.3	95.7	24.0	92.2	114.3	6	96	95	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
1	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-4.2	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
2	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate backfill)	-3.2	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
3	Utility Trench Backfill: Water Line Backfill- 150'N from start		1st Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
4	Utility Trench Backfill: Water Line Backfill- 150'N from start		2nd Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
5	Utility Trench Backfill: Water Line Backfill- 450'N from start		1st Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
6	Utility Trench Backfill: Water Line Backfill- 450'N from start		2nd Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
7	Utility Trench Backfill: Water Line Backfill- 750'N from start		1st Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
8	Utility Trench Backfill: Water Line Backfill- 750'N from start		2nd Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John

Remarks	Comments
A: Test results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

The results included in this report relate only to the items inspected or tested. Sample plan outlined in project specifications as applicable. Additionally, this report is for the exclusive use of the addressed parties. We assume no responsibility to other parties regarding this report. The information indicated in this report shall not be reproduced, except in full, without the prior written approval.

BRAUN INTERTEC
The Science You Build On.

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Field Compaction Report

Report Date: 08/31/2022
Test Method: ASTM D6938

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
9		08/05/22	4757 / 463318	C	AB	9.8	125.7	8.3	122.3	132.4	6	97	95	-2 / 2	A
10		08/05/22	4656 / 421520	A	TS	24.3	95.7	22.9	92.6	113.8	6	97	95	-2 / 2	A
11		08/05/22	4757 / 463318	C	AB	9.8	125.7	8.3	121.2	131.3	6	96	95	-2 / 2	A
12		08/05/22	4656 / 421520	A	TS	24.3	95.7	23.0	92.5	113.8	6	97	95	-2 / 2	A
13		08/10/22	4644 / 416784	C	AB	9.4	131.5	8.0	125.3	135.3	6	95	95	-2 / 2	A
14		08/10/22	4657 / 421521	A	TS	18.9	104.8	16.9	100.1	117.0	6	96	95	-2 / 2	A
15		08/10/22	4644 / 416784	C	AB	9.4	131.5	8.2	126.1	136.5	6	96	95	-2 / 2	A
16		08/10/22	4657 / 421521	A	TS	18.9	104.8	17.7	100.0	117.7	6	95	95	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
9	Utility Trench Backfill: Water Line Backfill- 1050'N from start		1st Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
10	Utility Trench Backfill: Water Line Backfill- 1050'N from start		2nd Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
11	Utility Trench Backfill: Water Line Backfill- 1350'N from start		1st Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
12	Utility Trench Backfill: Water Line Backfill- 1350'N from start		2nd Lift	Troxler / 3430 / 76286 / 05/25/2022	Gonzales, John
13	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-4.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
14	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate backfill)	-3.2	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
15	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-4.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
16	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate backfill)	-2.5	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil

Remarks	Comments
A: Test results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

The results included in this report relate only to the items inspected or tested. Sample plan outlined in project specifications as applicable. Additionally, this report is for the exclusive use of the addressed parties. We assume no responsibility to other parties regarding this report. The information indicated in this report shall not be reproduced, except in full, without the prior written approval.

BRAUN INTERTEC
The Science You Build On.

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Field Compaction Report

Report Date: 08/31/2022
Test Method: ASTM D6938

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
17		08/11/22	4719/439431	A	CL	14.5	114.1	16.4	109.0	126.9	6	96	95	-2 / 2	A
18		08/16/22	4644 / 416784	C	AB	9.4	131.5	7.6	125.0	134.5	6	95	95	-2 / 2	A
19		08/16/22	4657 / 421521	A	TS	18.9	104.8	18.1	99.7	117.7	6	95	95	-2 / 2	A
20		08/18/22	4644 / 416784	C	AB	9.4	131.5	7.8	126.0	135.8	6	96	95	-2 / 2	A
21		08/18/22	4657 / 421521	A	TS	18.9	104.8	17.1	100.7	117.9	6	96	95	-2 / 2	A
22		08/22/22	4644 / 416784	C	AB	9.4	131.5	7.8	125.0	134.7	6	95	95	-2 / 2	A
23		08/22/22	4774 /		CL	15.7	110.6	15.7	105.7	122.3	6	96	95	-2 / 2	A
24		08/25/22	4644 / 416784	C	AB	9.4	131.5	7.8	125.5	135.3	6	95	95	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
17	Utility Trench Backfill: Water Main: Water Main line backfill, STA 4+50, inside facility	0.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
18	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-4.2	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
19	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate backfill)	-3.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
20	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-4.2	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
21	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate backfill)	-3.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
22	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-3.5	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
23	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate backfill)	-2.5	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
24	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-5.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil

The results included in this report relate only to the items inspected or tested. Sample plan outlined in project specifications as applicable. Additionally, this report is for the exclusive use of the addressed parties. We assume no responsibility to other parties regarding this report. The information indicated in this report shall not be reproduced, except in full, without the prior written approval.

BRAUN INTERTEC
The Science You Build On.

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Field Compaction Report

Report Date: 08/31/2022
Test Method: ASTM D6938

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Remarks	Comments
A: Test results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

The results included in this report relate only to the items inspected or tested. Sample plan outlined in project specifications as applicable. Additionally, this report is for the exclusive use of the addressed parties. We assume no responsibility to other parties regarding this report. The information indicated in this report shall not be reproduced, except in full, without the prior written approval.

BRAUN INTERTEC
The Science You Build On.

Houston
11941 Cutten Road, Suite 500
Houston, TX 77066
Phone: 936-321-2522

Field Compaction Report

Report Date: 08/31/2022
Test Method: ASTM D6938

Client:
Railroad Infrastructure & Terminal Development, LLC (RITD)
35505 Cooper Rd
Brookshire, TX 77423

Project:
B2207187
Taylor Logistics Park - Site Waterline Installation
201 FM 3349
Taylor, TX 76574

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
25		08/25/22	4774 /		CL	15.7	110.6	15.3	106.9	123.3	6	97	95	-2 / 2	A
26		08/26/22	4644 / 416784	C	AB	9.4	131.5	7.6	126.4	136.0	6	96	95	-2 / 2	A
27		08/26/22	4774 /		CL	15.7	110.6	17.5	105.5	124.0	6	95	95	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
25	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate backfill)	-4.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
26	Utility Trench Backfill: Water Main: Water Main line aggregate backfill (on top of waterline)	-4.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil
27	Utility Trench Backfill: Water Main: Water Main line clay backfill (on top of aggregate)	-3.0	Top of Existing Ground	Troxler / 3430 / 30386 / 03/02/2020	Malabanan, Virgil

Remarks	Comments
A: Test results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

The results included in this report relate only to the items inspected or tested. Sample plan outlined in project specifications as applicable. Additionally, this report is for the exclusive use of the addressed parties. We assume no responsibility to other parties regarding this report. The information indicated in this report shall not be reproduced, except in full, without the prior written approval.

FW: Hydro Letter

Bryan Shuford <bryan@personsservices.com>
Wed 4/5/2023 9:52 AM

To: Richard Heiges <rheiges@RITD-LLC.COM>

Richard, below is what we received from Mark the inspector regarding the Hydro Test, working on the Bac-T sheets now.

Bryan J. Shuford
Infrastructure Group
Persons Services Corp.
Office: 832-777-0745
Mobile: 251-379-6191
Email: bryan@personsservices.com
www.personsservices.com



Safety, Quality & Performance
Since 1978





From: Jorge Nobles <jnobles@personsservices.com>
Sent: Wednesday, April 5, 2023 9:42 AM
To: Bryan Shuford <bryan@personsservices.com>
Subject: Fwd: Hydro Letter

Get Outlook for iOS

From: Scott, Mark David <Mark.Scott@hdrinc.com>
Sent: Wednesday, April 5, 2023 9:41:20 AM
To: Jorge Nobles <jnobles@personsservices.com>
Cc: Bertison, Jeffrey <Jeffrey.Bertison@hdrinc.com>
Subject: Hydro Letter

To whom it may concern,

I am Mark Scott, a senior civil inspector with the firm HDR Engineering. I was the responsible inspector for the hydrostatic test on the 20" waterline installed by Persons Services for the RCR project. The test passed without problems. Call with questions.

Regards,

TCEQ Microbial Reporting Form

CORR FORM 1019-01 Rev 2

City of Round Rock Environmental Services Laboratory
Round Rock, Texas - Phone: (512) 218-5561, Fax: (512) 341-3316
www.roundrocktexas.gov/waterlab

TCEQ Laboratory ID:48159

Water System Identification & Sample Collection Information (Please type or use block print)

Public Water System ID: (Must be 7 digits; include all zeros) TX

Public Water System Name: TAYLOR

County: WILLIAMSON

Report Results To:
Client Name: MATT CHLOR TEXAS LLC
Address: ~~[illegible]~~ 4107. N. SUMMERCREST LOOP
City, State, Zip: ROUND ROCK, TX 78681
Preliminary Report** Email: MSTALWICK@MATTCHLOR.COM
Construction Project Name: TAYLOR LOGISTICS 20-INCH WATER MAIN
Phone #: 512-516-5052
Test Request: Circle 24PA (RPA) E.coli # Acc. or Pmt 196

Sampler Name (Print): MICHAEL STALWICK
Signature:
Operator License #:
☐ Owner ☐ Operator Other:

SHADED AREA FOR LABORATORY USE ONLY

Sample Iced? ☐ Yes ☒ No
Temperature: 7.8 / 7.8 °C
IR Thermometer #: C
Relinquished By Sampler: MS — Date Time: 2/23 3:07 PM
Received By Courier if applicable: — Date / Time:
Relinquished By Couner: — Date Time:
Received By (Lab): JT — Date Time: 2/23/23 1523
Lab Comments:
Tested By: KM — Read By: KM
Laboratory Approval — Date — Time:
Report to Client By: — Date — Time:

Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. Texas Penal Code Title 8, Chapter 37 1[illegible] By signing this form, the sampler acknowledges that samples were collected according to the systems established sample collection procedures, and that all information is accurate

Sample Identification/Location: Use Specific Address / Location identified in Sampling Plan; Raw Wells: Use Source ID for Well Sampled (Example: G1234567A)	Field Sample ID #	Sample Type: (√ one) Routine (Distribution)	Repeat	Raw Well	Special*	Construction*	Collected: Date Month	Day	Year	Time: Circle AM or PM	Replacement	Sample ID & Date of Originating Sample for Repeat, Replacement & Triggered Raw Samples	Chlorine Residual: Circle "F" for Free "T" for Total mg/L	Rejection Code	Preliminary Lab Results: Test Method: SM 9223 ONPG-MUG Colilert test method — Chlorine √ Absent	Chlorine √ Present	Total Coliform Absent	Total Coliform Present	E.coli Absent	E.coli Present	Laboratory Sample ID Number
3+20	1X					X	2	23	23	11:31 am/pm	☐		2.9 F/T		X		X		X		23-02612
9+30	2X					X	1	1	1	11:40 am/pm	☐		2.8 F/T		X		X		X		23-02613
15+20	3X					X	1	1	1	11:50 am/pm	☐		2.8 F/T		X		X		X		23-02614
21+20	4X					X	1	1	1	12:00 am/pm	☐		2.7 F/T		X		X		X		23-02615
27+20	5X					X	1	1	1	12:08 am/pm	☐		2.9 F/T		X		X		X		23-02616

Form instructions: www.tceq.texas.gov/drinkingwater/microbial/revised-total-coliform-rule

* Special and Contruction samples are NOT FOR COMPLIANCE

Lab Rejected Code (LR) - Document Reason:

TCEQ Microbial Reporting Form

CORR FORM 01019-01 Rev 2

City of Round Rock Environmental Services Laboratory
Round Rock, Texas - Phone: (512) 218-5561, Fax: (512) 341-3316
www.roundrocktexas.gov/waterlab

TCEQ Laboratory ID:48159

Water System Identification & Sample Collection Information (Please type or use block print)

Public Water System ID (Must be 7 digits; include all zeros): TX _ _ _ _ _ _ _

Public Water System Name: TAYLOR

County: WILLIAMSON

Report Results To:

Client Name: MATT CHLOR TEXAS LLC

Address: 4107 N. SUMMERCREST LOOP

City State, Zip: ROUND ROCK, TX 78681

Preliminary Report** Email: MSTALWICK@MATTCHLOR.COM

Construction Project Name: TAYLOR LOGISTICS 20-INCH WATER MAIN

Phone #: 512-516-5052

Test Request: Circle 24PA ~~48PA~~ E.coli # Acc or Pmt: 146

Sampler Name Pnnt: MICHAEL STALWICK

Signature:

Operator License #:

☐ Owner ☐ Operator Other:

Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10) By signing this form, the sampler acknowledges that samples were collected according to the systems established sample collection procedures, and that all information is accurate.

"By indicating e-mail the submitter agrees that the lab may report preliminary results as reported on this simplified chain of custody form. These results are not final and have not completed Quality Control.

SHADED AREA FOR LABORATORY USE ONLY

Sample Iced? ☐ Yes ☒ No

Temperature: 7.8 / 7.8 °C

IR Thermometer # C

Relinquished By (Sampler): MS — Date / Time: 2/23 3:07 PM

Received By (Courier, if applicable): — Date / Time:

Relinquished By (Courier): — Date/ Time:

Received By (Lab): [signature] — Date / Time: 2/23/23 1523

Lab Comments:

Tested By: YM — Read By: YM

Laboratory Approval — Date — Time:

Report to Client By — Date — Time:

Sample Identification/Location: Use Specific Address / Location identified in Sample Siting Plan; Raw Wells - Use Source ID for Well Sampled (Example: G1234567A)	Field Sample ID #	Sample Type: (√ one) Routine (Distribution)	Repeat	Raw Well	Special*	Construction*	Collected Date: Month	Day	Year	Time: Circle AM or PM	Replacement	Sample ID & Date of Originating Sample (All Repeat Replacement & Triggered Raw Samples)	Chlorine Residual: Circle "F" for Free, "T" for Total, mg/L	Rejection Code	Preliminary Lab Results — Test Method: SM 9223 ONPG-MUG Colilert test method: Chlorine √ Absent	Chlorine √ Present	Total Coliform Absent	Total Coliform Present	E.coli Absent	E.coli Present	Laboratory Sample ID Number
33+10	6X					X	2	23	23	12:17 am/pm	☐		2.8 F/T		X		X		X	23-02617
39+20	7X					X	1	1	1	12:27 am/pm	☐		2.6 F/T		X		X		X	23-02618
45+30	8X					X	1	1	1	12:38 am/pm	☐		2.7 F/T		X		X		X	23-02619
51+20	9X					X	1	1	1	12:47 am/pm	☐		2.8 F/T		X		X		X	23-02620
										am/pm	☐		F/T							

Form instructions: www.tceq.texas.gov/drinkingwater/microbial/revised-total-coliform-rule

* Special and Contruction samples are NOT FOR COMPLIANCE

Lab Rejected Code (LR) - Document Reason:

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☒ Streets/Infrastructure
☒ Quality of Life
☒ Economic Vitality

Agenda Item #: 9

Agenda Title: **Consider Resolution R23-12 authorizing proceeding with issuance of certificates of obligation and further directing the publication of notice of intention to issue City of Taylor, Texas Combination Tax and Surplus Revenue Certificates of Obligation, series 2023**

Council Action to be taken: Approve Resolution R23-12

Department Submitted: Finance

Staff Contact: Jeffrey Wood, Chief Financial Officer

1. PURPOSE/DESCRIPTION

In accordance with previous discussions, this resolution gives official notice of the City's intent to issue Combination Tax and Surplus Revenue Certificates of Obligation Series 2023, not to exceed $5,090,000. Additional Council action will be required in June to award the CO to the Texas Water Development Board.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

Staff and Council have discussed the proposed Donna Channel and Bull Branch Regional Detention and Drainage Improvement Project. The City has previously been awarded $5,555,330 from the Texas General Land Office Community Development Block Grant - Mitigation (CDBG-MIT) program to partially fund this project. In March, the City received notice that the Texas Water Development Board Flood Infrastructure Fund (TWDB-FIF) had approved an $898,044 grant and an interest free loan of $5,090,000.

The issuance of this combination tax and surplus revenue supported debt is the formal process of obtaining the loan from the TWDB. This resolution will allow us to begin the issuance process in accordance with the attached timeline.

3. PROS and CONS

PROS	CONS
• Debt issues provide needed funding in large quantities to allow multiple projects to be completed in a short period.	• Payment of the annual debt service on this loan may result in an increase to the Interest & Sinking portion of the property tax rate

4. RECOMMENDATION

Staff recommends approval of Resolution R23-12 so that staff and our financial consultants can begin the process of the debt issuance.

5. FUNDING SOURCE

Property Taxes with a secondary pledge of surplus revenues from the MDUS Fund

6. TIMELINE

Immediate consideration is requested to stay within the timeline for closing and receipt of bond funds.

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

9a. Resolution R23-12
9b. Cert. of Obligation Timetable

RESOLUTION NO. R23-12

RESOLUTION AUTHORIZING PROCEEDING WITH ISSUANCE OF CERTIFICATES OF OBLIGATION TO THE TEXAS WATER DEVELOPMENT BOARD AND FURTHER DIRECTING THE PUBLICATION OF NOTICE OF INTENTION TO ISSUE CITY OF TAYLOR, TEXAS COMBINATION TAX AND SURPLUS REVENUE CERTIFICATES OF OBLIGATION, SERIES 2023

WHEREAS, this City Council deems it advisable to give notice of intention to issue certificates of obligation of the City of Taylor, Texas (the "City"), as hereinafter provided; and

WHEREAS, prior to the issuance of the Certificates, the City Council is required under Section 271.041 et seq., Local Government Code to publish notice of its intention to issue the Certificates in a newspaper of general circulation in the City and continuously on the City's website, the notice stating: (i) the time and place tentatively set for the passage of the ordinance authorizing the issuance of the Certificates, (ii) the purpose of the Certificates to be authorized; and (iii) the manner in which the Certificates will be paid; (iv) the then-current principal of all outstanding debt obligations of the issuer; (v) the then-current combined principal and interest required to pay all outstanding debt obligations of the issuer on time and in full; (vi) the maximum principal amount of the certificates to be authorized; (vii) the estimated combined principal and interest required to pay the certificates to be authorized on time and in full; (viii) the estimated interest rate for the certificates to be authorized or that the maximum interest rate for the certificates may not exceed the maximum legal interest rate; and (ix) the maximum maturity date of the certificates to be authorized.

WHEREAS, it is officially found and determined that the meeting at which this resolution has been considered and acted upon was open to the public and public notice of the time, place and subject of said meeting was given, all as required by Tex. Gov't Code Ann. Ch. 551; Now, Therefore

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF TAYLOR:

Section 1. Form of Notice. Attached hereto is a form of "Notice of Intention to Issue Certificates of Obligation" the form and substance of which is hereby adopted and approved.

Section 2. Publication of Notice. Said Notice shall be published, in substantially the form attached hereto, in a newspaper, as defined in Tex. Gov't Code Ann. §2051.044, of general circulation in the area of said City, once a week for two consecutive weeks, the date of the first publication thereof to be before the 45th day before the date tentatively set for passage of the ordinance authorizing the issuance of the Certificates.

Section 3. City Website Posting of Notice. Further, said notice shall be continuously published in substantially the form attached hereto on the City's website for at least 45 days

before the date tentatively set for passage of the ordinance authorizing the issuance of the Certificates.

Section 4. Effective Date. This Resolution shall become effective immediately upon adoption. The Mayor and City Clerk are hereby authorized and directed to execute this Resolution on behalf of the City and to do any and all things proper and necessary to carry out the intent of this Resolution.

Section 5. Attorney General Fee. The City Council hereby authorizes the disbursement of a fee equal to the lesser of (i) one-tenth of one percent of the principal amount of each series of obligations being issued or (ii) $9,500 for each series, provided that such fee shall not be less than $750, to the Attorney General of Texas Public Finance Division for payment of the examination fee charged by the State of Texas for the Attorney General's review and approval of public securities and credit agreements, as required by Section 1202.004 of the Texas Government Code. The appropriate member of the City's staff is hereby instructed to take the necessary measures to make this payment. The City is also authorized to reimburse the appropriate City funds for such payment from proceeds of the debt.

[Execution Page Follows]

PASSED, APPROVED AND EFFECTIVE this 13th day of April, 2023.

_____
Brandt Rydell, Mayor
City of Taylor, Texas

ATTEST:

_____
Dianna McLean, City Clerk

NOTICE OF INTENTION TO ISSUE
CERTIFICATES OF OBLIGATION

NOTICE IS HEREBY GIVEN that the City Council of the City of Taylor, Texas (the "City"), at its meeting to commence at 6:00 P.M. on June 8, 2023 (the "meeting"), at its regular meeting place in the City Hall, 400 Porter Street, Taylor, Texas, tentatively proposes to authorize the issuance of one or more series of interest bearing certificates of obligation of the City, in the total aggregate principal amount not to exceed $5,090,000 for paying contractual obligations incurred in connection with: (1) planning, acquisition, design and construction of certain water, wastewater and flood control improvements to include improvements to Donna Channel and Bull Branch; and (2) the payment of professional services in connection therewith including legal, fiscal and engineering fees and the costs of issuing the certificates of obligation and other matters related thereto. The certificates of obligation are expected to be purchased by the Texas Water Development Board which has offered the City a zero percent interest rate on this debt. The City presently proposes to provide for the payment of the certificates of obligation by the levy of ad valorem taxes, within the limits prescribed by law. The certificates of obligation will be additionally payable from a limited pledge of surplus revenues of the City's drainage utility system not to exceed $1,000.

The following information is required pursuant to Texas Local Government Code, Section 271.049(b)(4): As of April 13, 2023, principal of all outstanding debt obligations of the City is $74,335,000. As of April 13, 2023, combined principal and interest required to pay all outstanding debt obligations of the City on time and in full is $94,170,814. The maximum principal amount of the Certificates to be authorized is $5,090,000. The estimated combined principal and interest required to pay the Certificates to be authorized on time and in full is $5,090,000. The interest rate on the Certificates is expected to be 0% however the maximum interest rate for the Certificates may not exceed the maximum legal interest rate. The maximum maturity date of the Certificates to be authorized is August 15, 2053.

Brandt Rydell
Mayor, City of Taylor, Texas

SPECIALIZED PUBLIC FINANCE INC.
FINANCIAL ADVISORY SERVICES

City of Taylor, Texas
Timetable for Issuance of
$5,090,000 Combination Tax & Surplus Revenue
Certificates of Obligation, Series 2023
Texas Water Development Board - FIF

Timeline of Events

Thursday, March 9, 2023	TWDB Board approves $5,988,044 in financial assistance for the City of Taylor consisting of a $5,090,000 loan and a $898,044 grant from the Flood Infrastructure Fund (FIF.)
Thursday, April 13, 2023	The City Council considers a resolution directing publication of the notice of intent to issue the C/O's.
Wednesday, April 19, 2023	First notice of intent appears in newspaper and notice of intent is posted on the City's website.
Wednesday, April 26, 2023	Second notice appears in newspaper.
Wednesday, May 10, 2023	Draft financial documents sent to TWDB for review (20 business days prior to authorization). Includes Bond Ordinance, Paying Agent Agreement, Escrow Agreement, Private Placement Memorandum, and Closing Diligence Questions.
Thursday, June 1, 2023	Interest rates set (5 business days prior to Award.)
Sunday, June 4, 2023	Expiration of 46-day notice period from first publication.
Thursday, June 8, 2023	Award. The City Council will consider an Ordinance authorizing the issuance of the C/O's and awarding them to the TWDB. Deadline to provide approved Outlay Report and Draft Closing Memo with release amounts to TWDB (15 business days prior to closing).
Thursday, June 15, 2023	Complete and final documentation sent to TWDB (at least 10 days prior to closing.)
Thursday, June 29, 2023	Closing. Funds received from TWDB prior to September 30 TWDB expiration.

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☒ Streets/Infrastructure
☐ Quality of Life
☐ Economic Vitality

Agenda Item #: 10

Agenda Title: **Consider introducing Ordinance 2023-13 adopting updated water and wastewater impact fees.**

Council Action to be taken: Introduce ordinance

Department Submitted: Development Services

Staff Contact: Tom Yantis, Assistant City Manager / Grady Reed, HDR

1. PURPOSE/DESCRIPTION

The City is in the process of updating its water, sewer and transportation impact fees. Council appointed a capital improvements advisory committee on August 25, 2022 to review and advise the City Council on the proposed capital improvements to be funded by the impact fees. The committee has completed its review of the water and sewer impact fees and has recommended that City Council begin the adoption process of the updated fees. Council authorized the publication of a public hearing at its meeting on January 12, 2023. This agenda item provides for the introduction of the ordinance updating the fees.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

Council approved a contract with Lionheart Places to update the City's comprehensive plan and the water, sewer, and transportation impact fees. Lionheart selected HDR as their sub-consultant to prepare the impact fee updates.

Following the completion of the Envision Taylor comprehensive plan which includes the Future Land Use plan, HDR began updating the City's water, sewer and transportation master plans and recommended capital improvements necessary to support the projected growth and land use assumptions in the comprehensive plan.

The adoption and update of impact fees is governed by Texas Local Government Code Chapter 395. This statute requires the City Council to appoint a capital improvements advisory committee. The statute allows the City to use the Planning and Zoning Commission as the advisory committee. If the impact fees will apply in the ETJ, which they will, the committee must also include a representative from the ETJ.

City Council appointed the Planning and Zoning Commission as the capital improvements advisory committee and added Ed Komandosky as the ETJ representative.

The committee met in September, October, and November to review the proposed capital improvement plans and the associated impact fees. The committee is scheduled to meet on January 10, 2023 to recommend approval of the water and sewer capital improvements plan and impact fees and to begin the formal adoption process of the updated fees.

The City published notice of the public hearing on the adoption of the updated fees 30 days prior to the public hearing date of February 23, 2023.

This agenda item allows for the introduction of the ordinance and the final approval of the ordinance is scheduled for April 27, 2023.

3. PROS and CONS

PROS	CONS
• Required by statute.	• N/A

4. RECOMMENDATION

Introduce ordinance.

5. FUNDING SOURCE

The impact fee update consulting services is funded by the impact fee funds.

6. TIMELINE

Envision Taylor comprehensive plan was adopted November 18, 2021
Amendment adopted May 12, 2022
HDR completed water, sewer, and transportation master plan drafts summer 2022
Council appointed the Impact Fee Advisory Committee on August 25, 2022
The Impact Fee Advisory Committee met September, October and November 2022 and January 2023
City Council to authorize publication of public hearing on the adoption of the water and sewer impact fees January 12, 2023
Public hearing on adoption of water and sewer impact fees proposed for February 23, 2023
Introduction of ordinance April 13, 2023
Council to consider ordinance adopting the fees April 27, 2023

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

10a. Ordinance 2023-13 updating water and wastewater impact fees.

ORDINANCE NO. 2023-13

AN ORDINANCE OF THE CITY OF TAYLOR, TEXAS, AMENDING ORDINANCE NO. 2001-53, AMENDING ORDINANCE NO. 2006-7, AND AMENDING CHAPTER 29, ARTICLE VI. OF THE TAYLOR CITY CODE BY UPDATING IMPACT FEES FOR WATER AND WASTEWATER UTILITIES; PROVIDING FOR COLLECTION OF IMPACT FEES; ESTABLISHING ACCOUNTS AND RECORDS OF IMPACT FEES COLLECTED; PROVIDING FOR USE OF PROCEEDS FROM IMPACT FEE ACCOUNTS; PROVIDING FOR AN ADVISORY COMMITTEE; PROVIDING FOR EXEMPTIONS FROM THIS ORDINANCE; PROVIDING FOR SEVERABILITY CLAUSE; AND PROVIDING FOR A PENALTY CLAUSE FOR VIOLATIONS OF THIS ORDINANCE.

WHEREAS, the City of Taylor is responsible for and committed to the provision of public facilities and services (including water and wastewater service) at levels necessary to cure any existing public service deficiencies in already developed areas; and

WHEREAS, such facilities and service levels shall be provided by the City of Taylor utilizing funds allocated in the capital budget and capital improvements programming processes and relying upon the funding sources indicated therein; and

WHEREAS, new residential and nonresidential development causes and imposes increased demands upon Taylor public facilities and services, including water and wastewater facilities, that would not otherwise occur; and

WHEREAS, planning projections indicate that such development will continue and will place ever-increasing demands on the City to provide necessary public facilities; and

WHEREAS, the development potential and value of properties is strongly influenced and encouraged by City policy as expressed in the Comprehensive Plan and as implemented via the City zoning ordinance and map; and

WHEREAS, to the extent that such new development places demands upon the public facility infrastructure, those demands should be satisfied by more equitably assigning responsibility for financing the provision of such facilities from the public at large to the developments actually creating the demands for them; and

WHEREAS, the amount of the impact fee to be imposed shall be determined by the cost of the additional public facilities needed to support such development, which public facilities shall be identified in a capital improvements program; and

WHEREAS, the City Council, after careful consideration of the matter, hereby finds and declares that impact fees imposed upon residential and nonresidential development to

finance specified major public facilities, the demand for which is created by such development, is in the best interests of the general welfare of the City and its residents, is equitable, and does not impose an unfair burden on such development; and

WHEREAS, the adoption of impact fees is authorized by Chapter 395 of the Texas Local Government Code; and

WHEREAS, the City Council finds that in all things the City has complied with said statute in the notice, adoption, promulgation and methodology necessary to adopt Impact Fees;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TAYLOR, TEXAS:

SECTION 1. The facts and recitations contained in the preamble of this ordinance are hereby found and declared to be true and correct and are incorporated by reference herein and expressly made a part hereof, as if copied verbatim.

SECTION 2. Ordinance Nos. 2001-53 and 2006-7 and Chapter 29, Article VI. of the Code of Ordinances of the City of Taylor, Texas is hereby amended to replace the entirety of Article VI. with the provisions as shown in EXHIBIT "A."

SECTION 3. All ordinances and resolutions, or parts of ordinances and resolutions, in conflict with this Ordinance are hereby repealed, and are no longer of any force and effect.

SECTION 4. This ordinance shall be and is hereby declared to be cumulative of all other ordinances of the City, and this ordinance shall not operate to repeal or affect any of such other ordinances except insofar as the provisions thereof might be inconsistent or in conflict with the provisions of this ordinance, in which event such conflicting provisions, if any, in such other ordinance or ordinances are hereby repealed.

SECTION 5. If any sentence, section, subsection, clause, phrase, part or provision of this Ordinance be declared by a court of competent jurisdiction to be invalid, the same shall not affect the validity of the ordinance as a whole, or any part thereof, other than the part declared to be invalid.

DRAFT

SECTION 6. The provisions of this Ordinance shall be liberally construed to effectively carry out its purposes, which are hereby found and declared to be in furtherance of the public health, safety, and welfare. Any member of the Council or any City official or employee charged with the enforcement of this ordinance, acting for the City in the discharge of his or her duties, shall not thereby render himself or herself personally liable; and is hereby relieved from all personal liability for any damage that might accrue to persons or property as a result of any act required or permitted in the discharge of said duties.

SECTION 7. Any person violating the provisions of this Ordinance shall be deemed guilty of a misdemeanor and, upon conviction in the municipal court of the City of Taylor, Texas, or any other Court of proper jurisdiction, shall be subject to a fine not to exceed the sum of Five Hundred Dollars ($500.00) for each offense, except however, where a different penalty has been established by state law for such offense the penalty shall be that fixed by state law, and for any offense which is a violation of any provision of law that governs fire safety, zoning, or public health and sanitation, including dumping of refuse, the penalty shall be a fine not to exceed the sum of two thousand dollars ($2,000.00) for each offense; and each and every day said violation is continued shall constitute a separate offense. Any violation of this ordinance can be enjoined by a suit filed in the name of the City in court of competent jurisdiction, and this remedy shall be in addition to the penal provision in this ordinance.

SECTION 8. In accordance with Article VIII, Section 1, of the City Charter, Ordinance No. 2023-13 was introduced before the Taylor City Council on the 13th day of April 2023.

PASSED, APPROVED, and ADOPTED on this _____ day of _____, 2023.

_____
Brandt Rydell, Mayor

DRAFT

ATTEST:

_____
Dianna McLean, City Clerk

APPROVED AS TO FORM:

_____
Ted W. Hejl, City Attorney

CERTIFICATE

THE STATE OF TEXAS

COUNTY OF WILLIAMSON

I, Dianna McLean, being the current City Clerk of the City of Taylor, Texas, do hereby certify that the attached is a true and correct copy of Ordinance No. 2023-13, passed and approved by the City Council of the City of Taylor, Texas, on the ____ day of _____, 2023, and such Ordinance was duly introduced, passed, approved and adopted at meetings open to the public and notices of the meetings, giving the dates, places, and subject matter thereof, were posted as prescribed by Government Code Section 551.043.

Witness my hand and seal of office on this ____ day of _____, 2023.

_____
Dianna McLean
City Clerk

DRAFT

EXHIBIT "A"

ARTICLE VI. WATER AND WASTEWATER IMPACT FEES

DIVISION 1.0 GENERAL PROVISIONS

Section 29-101 Short Title

This Ordinance shall be known and cited as the Water and Wastewater Impact Fees Ordinance.

Section 29-102 Intent

This Ordinance is intended to impose water and wastewater impact fees, as established in this Ordinance, in order to finance public facilities, the demand for which is generated by new development in the designated service area.

Section 29-103 Authority

The City is authorized to enact this Ordinance by Chapter 395 of the Texas Local Government Code, which authorizes home-rule cities, among others, to enact or impose impact fees on land within their corporate boundaries and in their extraterritorial jurisdictions, and on persons with whom they have a water or sewer service contract, as charges or assessments imposed against new development in order to generate revenue for funding or recouping the costs of capital improvements or facility expansions necessitated by and attributable to such new development; and by the Taylor City Charter. The provisions of this Ordinance shall not be construed to limit the power of the City to adopt such Ordinance pursuant to any other source of local authority, nor to utilize any other methods or powers otherwise available for accomplishing the purposes set forth herein, either in substitution of or in conjunction with this Ordinance. Guidelines may be developed by resolution or otherwise to implement and administer this Ordinance.

Section 29-104 Definitions

As applied in this Ordinance, the following words and terms shall be used:

(1) Impact Fee Advisory Committee - Advisory committee, appointed by the City Council, consisting of at least five members which are not employees of the City, not less than 40 percent of which shall be representatives of the real estate, development, or building industries, and, if impact fees are to be applied within the extraterritorial jurisdiction of the City, including one member representing the extraterritorial jurisdiction; or consisting of

the Planning and Zoning Commission, including one regular or ad hoc member who is not an employee of the City and which is representative of the real estate, development, or building industry, and, if impact fees are to be applied within the extraterritorial jurisdiction of the City, one representative of the extraterritorial jurisdiction area; which committee is appointed to regularly review and update the capital improvements program in accordance with the requirements of Chapter 395 of the Texas Local Government Code, and its successors.

(2) Assessment - The determination of the amount of the maximum impact fee per service unit which can be imposed on new development pursuant to this Ordinance.

(3) Building Permit - Written permission issued by the City for the construction, repair, alteration or addition to a structure.

(4) Capital Construction Cost of Service - Costs of constructing capital improvements or facility expansions, including and limited to the construction contract price, surveying and engineering fees, land acquisition costs (including land purchases, court awards and costs, attorney's fees, and expert witness fees), and the fees actually paid or contracted to be paid to an independent qualified engineer or financial consultant preparing or updating the capital improvements plan who is not an employee of the City.

(5) Capital Improvements Program (CIP) - Plan which identifies water and wastewater capital improvements or facility expansions pursuant to which impact fees may be assessed.

(6) City - City of Taylor.

(7) City Council (Council) - Governing body of the City of Taylor.

(8) City Manager (Manager) - Chief executive officer of the City, appointed by the Council, or his/her designee.

(9) Comprehensive Plan - The comprehensive long-range plan, adopted by the City Council, which is intended to guide the growth and development of the City which includes analysis, recommendations and proposals for the City regarding such topics as population, economy, housing, transportation, community facilities and land use.

(10) Effective Impact Fee - Amount of impact fee collected per service unit, which may be equal to or less than the maximum impact fees as set forth in Exhibit "C" to this ordinance.

(11) Existing Development - All development within the service area which has a water or wastewater tap on the City's water or sewer system, as of the date of the adoption of this Ordinance.

(12) Facility Expansion - The expansion of the capacity of an existing facility which serves the same function as an otherwise necessary new capital improvement in order that the

DRAFT

existing facility may serve new development. Facility expansion does not include the repair, maintenance, modernization, or expansion of an existing facility to better serve existing development.

(13) Final Subdivision Plat (Final Plat) - The map, drawing or chart on which is provided a subdivider's plan of a subdivision, and which has received final approval by the Planning and Zoning Commission or City Council and which is recorded with the office of the County Clerk.

(14) Growth-Related Costs - Capital construction costs of service related to providing additional service units to new development, either from excess capacity in existing facilities, from facility expansions or from new capital facilities. Growth-related costs do not include:

(a) Construction, acquisition, or expansion of public facilities or assets other than capital improvements or facility expansions identified in the capital improvements plan;

(b) Repair, operation, or maintenance of existing or new capital improvements or facility expansions;

(c) Upgrading, updating, expanding, or replacing existing capital improvements to serve existing development in order to meet stricter safety, efficiency, environmental, or regulatory standards;

(d) Upgrading, updating, expanding, or replacing existing capital improvements to provide better service to existing development;

(e) Administrative and operating costs of the City; or

(f) Principal payments and interest or other finance charges on bonds or other indebtedness, except for such payments for growth-related facilities contained in the capital improvements program.

(15) Impact Fee - Charge or assessment to be imposed by the City upon new development to generate revenue for funding or recouping the costs of capital improvements or facility expansions necessitated by and attributable to new development. The term includes amortized charges, lump-sum charges, capital recovery fees, contributions in aid of construction, and any other fee that functions as described by this definition. Impact fees do not include dedication of rights-of-way or easements, or construction or dedication of site-related water distribution or wastewater collection facilities, or streets, sidewalks, or curbs if the dedication or construction is required by other valid ordinances of the City Code and is necessitated by and attributable to the new development; lot or acreage fees placed in trust funds for the purpose of reimbursing developers for oversizing or constructing water or sewer mains or lines; or other pro rata fees for reimbursement of water or sewer mains or lines extended by the City.

DRAFT

(16) Land Use Assumptions - Description of the service area and projections of changes in land uses, densities, intensities, and population therein over at least a 10-year period, adopted by the City, as may be amended from time to time, upon which the capital improvement plan is based.

(17) Living Unit Equivalent (LUE) - Basis for establishing equivalency among and within various customer classes, based upon the relationship of the continuous duty flow rate in gallons per minute for a water meter of a given size and type compared to the continuous duty maximum flow rate in gallons per minute for a 5/8" diameter simple water meter, using American Water Works Association C700-C703 standards. For purposes of this ordinance, 5/8" water meters are considered to equal one (1) LUE. LUE's for water meters are shown below.

LUE EQUIVALENCIES FOR VARIOUS TYPES AND SIZES OF WATER METERS

METER TYPE	METER SIZE	CONTINUOUS DUTY MAXIMUM RATE (gpm)	RATIO TO 5/8" METER
SIMPLE	5/8" x 3/4"	10	1.0
SIMPLE	3/4"	15	1.5
SIMPLE	1"	25	2.5
SIMPLE	1-1/2"	50	5.0
SIMPLE	2"	80	8.0
COMPOUND	2"	80	8.0
TURBINE	2"	100	10.0
COMPOUND	3"	160	16.0
TURBINE	3"	240	24.0
COMPOUND	4"	250	25.0
TURBINE	4"	420	42.0
COMPOUND	6"	500	50.0
TURBINE	6"	920	92.0
COMPOUND	8"	800	80.0
TURBINE	8"	1600	160.0
COMPOUND	10"	1150	115.0
TURBINE	10"	2500	250.0
TURBINE	12"	3300	330.0

SOURCE: AWWA Standards C700, C701, C702, C703.

DRAFT

(18) New Development - Subdivision of land; or the construction, reconstruction, redevelopment, conversion, structural alteration, relocation, or enlargement of any structure; or any use or extension of the use of land; any of which increases the number of service units. New development includes the sale of water taps resulting from the conversion of an individual well to the City's water utility and the sale of wastewater taps resulting from the conversion of an individual septic or other individual waste disposal system to the City's wastewater utility.

(19) Offset - The amount of the reduction of an impact fee designed to fairly reflect the value of system-related facilities, pursuant to rules herein established or administrative guidelines, provided and funded by a developer pursuant to the City's subdivision regulations or requirements.

(20) Service Area - Area within the corporate boundaries and within the extraterritorial jurisdiction as defined by the Municipal Annexation Act (Chapter 41, Section 4202, Local Government Code), to be served by the water or wastewater capital improvements or facilities expansions specified in the capital improvements program applicable to the service area. The service area represents the general geographic basis for planning the utility capital improvement programs, used to formulate the fees. The service area is conceptual in nature and does not necessarily represent a definitive commitment for service by the City; the service area boundary also does not necessarily represent limits to service potential or fee assessment.

(21) Service Unit - Standardized measure of consumption, use, generation, or discharge attributable to an individual unit of development calculated in accordance with generally accepted engineering or planning standards for a particular category of capital improvements or facility expansions expressed in living units equivalent.

(22) Site-related Facility - Improvement or facility which is for the primary use or benefit of a new development and/or which is for the primary purpose of safe and adequate provision of water or wastewater facilities to serve the new development, and which is not included in the capital improvements plan, and for which the developer or property owner is solely responsible under subdivision and other applicable regulations.

(23) System-related Facility - A capital improvement or facility expansion which is designated in the Capital Improvements Plan and which is not a site-related facility. A system-related facility may include a capital improvement which is located offsite, within or on the perimeter of the development site.

(24) Tap Purchase - The filing with the City of a written application for a water or wastewater tap and the acceptance of applicable fees by the City. The term "tap purchase" shall not be applicable to a master water meter or master wastewater connection purchased from the City by a wholesale customer such as a water district, political subdivision of the

DRAFT

State of Texas, or other wholesale utility customer; nor shall it be applicable to a meter purchased for and exclusively dedicated to fire protection.

(25) Wastewater Facility - Improvement for providing wastewater service, including, but not limited to, land or easements, treatment facilities, lift stations, or interceptor mains. Wastewater facility excludes wastewater lines or mains which are constructed by developers, the costs of which are reimbursed from charges paid by subsequent users of the facilities and which are maintained in dedicated trusts. Wastewater facilities also exclude dedication of rights-of-way or easements or construction or dedication of on-site or off-site wastewater collection facilities required by valid ordinances of the City and necessitated by and attributable to the new development.

(26) Wastewater Facility Expansion - Expansion of the capacity of any existing wastewater improvement for the purpose of serving new development, not including the repair, maintenance, modernization or expansion of an existing wastewater facility to serve existing development.

(27) Wastewater Capital Improvements Plan (Wastewater CIP) - Portion of the CIP, as may be amended from time to time, which identifies the wastewater facilities or wastewater facility expansions and their associated growth-related costs which are necessitated by and which are attributable to new development, for a period not to exceed ten (10) years, which are to be financed in whole or in part through the imposition of wastewater impact fees pursuant to this Ordinance.

(28) Water Facility - Improvement for providing water service, including, but not limited to, land or easements, water supply facilities, treatment facilities, pumping facilities, storage facilities, or transmission mains. Water facility excludes water lines or mains which are constructed by developers, the costs of which are reimbursed from charges paid by subsequent users of the facilities and which are maintained in dedicated trusts. Water facilities also exclude dedication of rights-of-way or easements or construction or dedication of on-site or off-site water distribution facilities required by valid ordinances of the City and necessitated by and attributable to the new development.

(29) Water Facility Expansion - Expansion of the capacity of any existing water improvement for the purpose of serving new development, not including the repair, maintenance, modernization or expansion of an existing water facility to serve existing development.

(30) Water Capital Improvements Plan (Water CIP) - Portion of the CIP, as may be amended from time to time, which identifies the water facilities or water facility expansions and their associated growth-related costs which are necessitated by and which are attributable to new development, for a period not to exceed ten (10) years, which are to be financed in whole or in part through the imposition of water impact fees pursuant to this Ordinance.

DRAFT

(31) Wholesale Customer - Water or wastewater customer of the City's utilities which purchases utility service at wholesale rates for resale to their retail customers.

Section 29-105 Applicability of Impact Fees

This Ordinance shall be uniformly applicable to new development which occurs within the water and wastewater service areas. No new development shall be exempt from the assessment of impact fees as defined in this Ordinance.

Section 29-106 Impact Fees as Conditions of Development Approval

No application for new development shall be approved within the City without assessment of impact fees pursuant to this Ordinance, and no water and wastewater tap shall be issued and no building permit shall be issued unless the applicant has paid the impact fees imposed by and calculated herein under.

Section 29-107 Establishment of Water and Wastewater Service Areas

The water and wastewater service areas are established as shown on the Service Area Map which is attached as Exhibit A for this Ordinance. The service areas shall be established consistent with any facility service area established in the CIP for each utility. Additions to the service area may be designated by the City Council consistent with the procedure set forth in Chapter 395 of the Texas Local Government Code and its successors.

Section 29-108 Land Use Assumptions

Land use assumptions used in the development of the impact fees are contained in Exhibit B of this Ordinance. These assumptions may be revised by the City Council according to the procedure set forth in Chapter 395 of the Texas Local Government Code and its successors.

Section 29-109 Service Units

(1) Service units are established in accordance with generally accepted engineering and planning standards.

(2) Service units shall be calculated based on living units equivalent as determined by the size of the water meter(s) for the development; or alternatively, as approved by the City as a result of an engineering report prepared by a qualified professional engineer licensed to perform such professional engineering services in the State of Texas, which demonstrates that the number of LUE's of service for the new development will be different than those indicated by the size of the water meter.

(3) If the City determines that the water pressure in the City's transmission main is significantly higher or lower than standard pressure such that the size of the water meter is

not indicative of actual service demand, the City may adjust the number of LUE's based on a smaller or larger sized meter which more accurately reflects the flow rate and the system pressure conditions.

(4) If a fire demand tap is purchased for a property, the meter size utilized to calculate the number of LUE's shall be the dimension of the portion of the fire demand meter which reflects the meter size which would provide only domestic service to the property. Said reduced meter size shall then be utilized to calculate the number of LUE's.

(a) The meter types used to calculate the number of LUE's shall be either simple or compound meters.

(b) If the fire protection capacity of the fire demand meter is routinely utilized for domestic purposes as evidenced by the registration of consumption recorded on the City's meter-reading and billing systems, the then-owner of the property shall be assessed the then-current fee for the fire protection capacity which has been converted to domestic capacity by its routine usage as domestic capacity.

(c) To avoid the use of fire flow volumes for domestic usage, the owner of any property for which a fire demand meter is purchased shall be required to execute a restrictive covenant on a form approved by the City, which covenant shall acknowledge the right of the City to assess such fees to subsequent owners of the property. Said covenant shall be executed prior to the purchase of the fire demand meter and shall be filed in the deed records of the County.

(d) No fees shall be collected for the purchase of taps, which shall be utilized to provide only fire protection capacity.

(5) Upon wastewater tap purchase for lots for which no water meter has been purchased, service units shall be established by a professional engineer licensed in the State of Texas, shall be reviewed by the Manager and shall be presented to the City Council, which shall designate the appropriate number of service units.

(6) The City Council may revise the service unit designation according to the procedure set forth in Chapter 395 of the Texas Local Government Code and its successors.

Section 29-110 Impact Fees Per Service Unit

(1) The maximum impact fee per service unit for each service area shall be computed by dividing the growth-related capital construction cost of service in the service area identified in the capital improvements plan for that category of capital improvements, by the total number of projected service units anticipated within the service area which are necessitated by and attributable to new development, based on the land use assumptions for that service area, and adjusted by subtracting credits in the form of future rate or tax contributions to water and/or wastewater CIP funding. Maximum impact fees per service unit for each

DRAFT

service area shall be established by category of capital improvements and shall be set forth in Exhibit C to this Ordinance.

(2) Exhibit C may be amended by the City Council according to the procedure set forth in Chapter 395 of the Texas Local Government Code and its successors.

(3) The effective Impact Fees per service unit may be amended from time to time by the City Council through ordinance amendment to any amount less than the maximum fees set forth in Exhibit C to this ordinance.

Section 29-111 Assessment of Impact Fees

(1) The approval of any subdivision of land or of any new development shall include as a condition the assessment of the impact fee applicable to such development. Assessment of the impact fee for any new development shall be made as follows:

(a) For new development which is submitted for approval pursuant to the City's subdivision regulations following the effective date of this Ordinance, assessment shall be at the time of final subdivision plat approval, and shall be the value of the effective impact fee per service unit then in effect, as provided in Exhibit C as set forth in Section 29-110. The City may provide the subdivider with a copy of Exhibit C prior to final subdivision plat approval, but such shall not constitute assessment within the meaning of this Ordinance.

(b) For new development which has received final plat approval prior to the effective date of Ordinance 2023-13, dated April 27, 2023 and for which no replatting is necessary prior to the issuance of a building permit, assessment shall be upon the issuance of a building permit, or if the City lacks authority to issue building permits in the area where the impact fee applies, assessment shall be at the time an application is filed for an individual connection to the City’s water or wastewater system; and the fee shall be the value of the effective impact fee per service unit set forth in Exhibit C.

(c) For new development which occurs or is proposed to occur without platting, assessment shall be upon the issuance of a building permit, or if the City lacks authority to issue building permits in the area where the impact fee applies, assessment shall be at the time an application is filed for an individual connection to the City’s water or wastewater system; and the fee shall be the value of the effective impact fee per service unit set forth in Exhibit C.

(d) Fees shall not be assessed to property which has previously purchased taps for the property and which desires to exchange those purchased taps for taps which will reflect an equivalent number of LUE's, as determined under Section 29-109. If the exchange of said taps will result in an increase in the number of LUE's the purchaser shall be assessed the effective impact fee in effect at the time of tap exchange, based on the additional LUE's required.

DRAFT

(e) Because fire protection is of critical concern to the community as a whole, water demand related solely to fire protection is not subject to collection of an impact fee. However, if the fire protection capacity of the fire demand meter is routinely utilized for domestic purposes as evidenced by the registration of consumption recorded on the City's meter-reading and billing systems, the current owner of the property shall be assessed the impact fees currently in effect at the time such conversion is established by the City for the fire protection capacity which has been converted to domestic capacity by its routine usage as domestic capacity.

(2) Following assessment of the impact fee, no additional impact fees or increases thereof shall be assessed against that development unless the number of service units increases, as set forth under Section 29-109. Following the lapse or expiration of approval for a plat, a new assessment must be performed at the time a new application for such development is filed.

Section 29-112 Calculation of Impact Fees

(1) Following the request for new development as provided in Section 29-111 of this Ordinance, the City shall compute impact fees due for the new development in the following manner:

(a) The total service units for the new development shall be multiplied by the appropriate per-unit effective fee value determined as set forth in Section 29-110; and

(2) The value of each impact fee due for a new development shall not exceed a value computed by multiplying the effective fee assessed per service unit pursuant to Section 29-110 by the number of service units generated by the development.

Section 29-113 Collection of Impact Fees

(1) No water or wastewater tap shall be made, meter set, or building permit shall be issued until all impact fees have been paid to the City, or until a "notice of impact fee due" is recorded as provided in this Section, except as provided otherwise by contract.

(2) Impact fees shall be paid at the time of the issuance of a building permit, except as provided in Section 29-113(3) through Section 29-113(5).

(3) For land platted outside the corporate boundaries of the City, fees shall be collected at the time an application for connection to the City's water or wastewater system is filed.

(4) If the city lacks authority to issue building permits in the area where the impact fee applies, impact fees shall be collected at the time an application is filed for connection to the political subdivision's water or wastewater system.

(5) For new development converting to the City water utility from an individual water well, or to the City wastewater utility from a septic tank or individual waste disposal system, the

City may allow the fee payer to pay impact fees in the form of a monthly assessment in the same manner as monthly assessments for related tap fees, if such an extended payment program for tap fees is currently in effect, as provided below:

(a) At the request of the applicant, and with the approval of the City Manager, the impact fees for such customers may be paid in increments over a period of not more than two years, with interest computed on the unpaid balance at the statutory rate as set forth in Article 1.03, Title 79, Revised Statutes (Article 5069-1.03, Vernon's Texas Civil Statutes), or any successor statute.

(b) If the applicant chooses this extended payment option, the applicant shall, as a condition of tap sale, sign and file with the City Clerk, and consent to the recordation of, a "notice of impact fee due," which shall be recorded as a lien against the subject property. The City shall release the lien held only upon payment in full of the impact fees and any late penalties and applicable interest.

(c) Late payments shall subject the applicant to a penalty of ten percent of the amount due and additional interest in addition to all other remedies available to the City as lien holder.

(6) The City may, at its sole discretion, enter into contracts to establish a different date of fee collection than those provided in this Section.

(7) The City may attempt to revise any contracts which might exist with wholesale customers, or which in the future may be entered into for wholesale service, in such a manner that impact fees are collected from the wholesale customer according to the number of LUE's attributable to each retail meter for new development within the wholesale customer's service area.

Section 29-114 Offsets Against Impact Fees

(1) The City shall offset the value of any system-related facilities identified on the capital improvement plan, pursuant to rules established in this section, which have been dedicated to and have been received by the City, including the value of rights-of-way or capital improvements constructed pursuant to an agreement with the City, against the value of the impact fee due for that category of capital improvement. All offsets against impact fees shall be subject to the following limitations and shall be granted based on this Ordinance and additional standards promulgated by the City, which may be adopted as administrative guidelines.

(a) No offset shall be given for the dedication or construction of site-related facilities.

(b) The unit costs used to calculate the offsets shall not exceed those assumed for the capital improvements included in the capital improvements plan for the category of facility within the service area for which the impact fee is imposed.

DRAFT

(c) If an offset applicable to a plat has not been completed within ten (10) years from the date of the issuance of the first building permit after the effective date of this ordinance or within such period as may be otherwise designated by contract, such offset shall lapse.

(d) In no event will the City reimburse the property owner or developer for an offset when no impact fees for the new development can be collected pursuant to this Ordinance or for any value exceeding the total impact fees due for the development for that category of capital improvement, unless otherwise agreed to by the City.

(2) An applicant for new development must apply for an offset against impact fees due for the development either at or before the time of plat recordation. The applicant shall file a petition for offsets with the City on a form provided for such purpose. The contents of the petition shall be established by administrative guidelines. The City must provide the applicant, in writing, with a decision on the offset request, including the reasons for the decision. The decision shall specify the maximum value of the offset which may be applied against an impact fee, which value and the date of the determination shall be associated with the plat for the new development.

(3) The available offset associated with the plat shall be applied against an impact fee in the following manner:

(a) Such offset shall be prorated equally among all service units, as calculated in Section 29-109, and remain applicable to such service units, to be applied at time of filing and acceptance of an application for a building permit, against impact fees due.

(b) If the total number of service units used by the City in the original offset calculation described in 29-114(3)(a) is eventually exceeded by the number of total service units realized by the actual development, the City may, at its sole discretion, collect the full impact fee exclusive of any associated offset for the excess service units.

Section 29-115 Establishment of Accounts and Records

(1) The City shall establish separate interest-bearing accounts, in a bank authorized to receive deposits of City funds, for each major category of capital facility for which an impact fee is imposed pursuant to this Ordinance. Interest earned by each account shall be credited to that account and shall be used solely for the purposes specified for funds authorized in Section 29-116.

(2) The City shall establish adequate financial and accounting controls to ensure that impact fees disbursed from the account are utilized solely for the purposes authorized in Section 29-116. Disbursement of funds shall be authorized by the City at such times as are reasonably necessary to carry out the purposes and intent of this Ordinance; provided, however, that any fee paid shall be expended within a reasonable period of time, but not to exceed ten (10) years from the date the fee is deposited into the account.

DRAFT

(3) The City shall maintain and keep adequate financial records for each such account, which shall show the source and disbursement of all revenues, which shall account for all monies received, and which shall ensure that the disbursement of funds from each account shall be used solely and exclusively for the provision of uses specified in the capital improvements program as system-related facilities. The City shall also maintain such records as are necessary to ensure that refunds are appropriately made under the provision in Section 29-118 of this Ordinance, and such other information as may be necessary for the proper implementation of this Ordinance.

Section 29-116 Use of Proceeds of Impact Fee Accounts

(1) The impact fees collected pursuant to this Ordinance may be used to finance or to recoup capital construction costs of service. Impact fees may also be used to retire bonds or to pay the principal sum and interest and other finance costs on bonds, notes or other obligations issued by or on behalf of the City to finance such capital construction costs of service. Impact fees collected pursuant to this Ordinance shall not be used to pay for any of the following expenses:

(a) Construction, acquisition or expansion of capital improvements or assets other than those identified in the associated capital improvements plans;

(b) Repair, operation, or maintenance of existing or new capital improvements or facilities expansions;

(c) Upgrading, expanding or replacing existing capital improvements to serve existing development in order to meet stricter safety, efficiency, environmental or regulatory standards;

(d) Upgrading, expanding or replacing existing capital improvements to provide better service to existing development; provided however, that impact fees may be used to pay the costs of upgrading, expanding or replacing existing capital improvements in order to meet the need for new system capacity generated by new development; or

(e) Administrative and operating costs of the City.

Section 29-117 Appeals

(1) The property owner or applicant for new development may appeal the following decisions to the City Manager or his/her designee:

(a) The applicability of an impact fee to the development;

(b) The basis for fee calculation;

(c) The availability or the value of an offset;

DRAFT

(d) The application of an offset against an impact fee due;

(e) The amount of the refund due, if any.

(2) The burden of proof shall be on the appellant to demonstrate that the value of the fee or the value of the offset was not calculated according to the applicable impact fee schedule or the guidelines established for determining offsets.

(3) The appellant must file a notice of appeal with the City Manager of Taylor within thirty (30) days following the decision. If the notice of appeal is accompanied by a bond or other sufficient surety satisfactory to the City Manager in an amount equal to the original determination of the impact fee due, the development application or tap purchase or building permit application may be processed while the appeal is pending.

Sectio 29-118 Refunds

(1) Any impact fee or portion thereof collected pursuant to this Ordinance which has not been expended within ten (10) years from the date of payment, shall be refunded, upon application, to the record owner of the property at the time the refund is paid, or, if the impact fee was paid by another governmental entity, to such governmental entity, together with interest calculated from the date of collection to the date of refund at the statutory rate as set forth in Article 1.03, Title 79, Revised Statutes (Article 5069-1.03, Vernon's Texas Civil Statutes), or any successor statute.

(2) An impact fee collected pursuant to this Ordinance shall be considered expended if the total expenditures for capital improvements or facilities expansions authorized in Section 29-116 within ten (10) years following the date of payment exceeds the total fees collected for such improvements or expansions during such period.

(3) If a refund is due pursuant to subsections 29-118(1) and 29-118(2), the City shall pro-rate the same by dividing the difference between the amount of expenditures and the amount of the fees collected by the total number of service units assumed within the service area for the period to determine the refund due per service unit. The refund to the record owner or governmental entity shall be calculated by multiplying the refund due per service unit by the number of service units for the development for which the fee was paid, and interest due shall be calculated upon that amount.

(4) Upon the request of an owner of the property on which an impact fee has been paid, the City shall refund such fees if:

(a) Existing service is available and service is denied; or

(b) Service was not available when the fee was collected and the City has failed to commence construction of facilities to provide service within two years of fee payment; or

DRAFT

(c) Service was not available when the fee was collected and has not subsequently been made available within a reasonable period of time considering the type of capital improvement or facility expansion to be constructed, but in any event later than five years from the date of fee payment.

(5) The City shall refund an appropriate proportion of impact fee payments in the event that a previously purchased unused water meter is replaced with a smaller meter, based on the LUE differential of the two meter sizes and the per-LUE fee at the time of the original fee payment, less an administrative charge of fifty dollars ($50.00).

(6) Petition for refunds shall be submitted to the City on a form provided by the City for such purpose. Within one month of the date of receipt of a petition for refund, the City must provide the petitioner, in writing, with a decision on the refund request, including the reasons for the decision. If a refund is due to the petitioner, the City Manager shall cause a refund payment be made to the petitioner.

Sectio 29-119 Updates to Plan and Revision of Fees

The City shall review the land use assumptions and capital improvements plan for water and wastewater facilities at least every five years, the first five-year period commencing from the date of adoption of the capital improvements plan referenced herein. The City Council shall accordingly then make a determination of whether changes to the land use assumptions, capital improvements plan or impact fees are needed and shall, in accordance with the procedures set forth in Chapter 395 of the Texas Local Government Code, or any successor statute, either update the fees or make a determination that no update is necessary.

Section 29-120 Functions of Impact Fee Advisory Committee

(1) The functions of the Impact Fee Advisory Committee are those set forth in Chapter 395 of the Texas Local Government Code, or any successor statute, and shall include the following:

(a) Advise and assist the City in adopting land use assumptions;

(b) Review the capital improvements plan regarding water and wastewater capital improvements and file written comments thereon;

(c) Monitor and evaluate implementation of the capital improvements program;

(d) Advise the City of the need to update or revise the land use assumptions, capital improvements program and impact fees; and

DRAFT

(e) File semiannual reports evaluating the progress of the City in achieving the capital improvements plans and identifying any problems in implementing the plans or administering the impact fees, and any perceived inequities in administration of the fee.

(2) The City shall make available to the Impact Fee Advisory Committee any professional reports prepared in the development or implementation of the capital improvements plan.

(3) The Council shall adopt procedural rules for the committee to follow in carrying out its duties.

Section 29-121 Agreement for Capital Improvements

The City Council may approve the owner of a new development to construct or finance some of the public improvements identified in the CIP. In the case of such approval, the property owner must enter into an agreement with the City prior to fee collection. The agreement shall be on a form approved by the City, and shall establish the estimated cost of improvement, the schedule for initiation and completion of the improvement, a requirement that the improvement shall be completed to City standards, and any other terms and conditions the City deems necessary. The City Manager or his/her designee shall review the improvement plan, verify costs and time schedules, determine if the improvement is contained in the CIP, and determine the amount of the applicable offset for such improvement to be applied to the otherwise applicable impact fee before submitting the proposed agreement to the Council for approval.

Section 29-122 Use of Other Financing Mechanisms

(1) The City may finance water and wastewater capital improvements or facilities expansions designated in the capital improvements plan through the use of operating cash transfers, through the issuance of bonds, through the formation of public improvement districts or other assessment districts, or through any other authorized mechanism, in such manner and subject to such limitations as may be provided by law, in addition to the use of impact fees.

(2) Except as herein otherwise provided, the assessment and collection of an impact fee shall be additional and supplemental to, and not in substitution of, any other tax, fee, charge or assessment which is lawfully imposed on and due against the property.

Section 29-123 Impact Fees as Additional and Supplemental Regulation

(1) Impact fees established by this Ordinance are additional and supplemental to, and not in substitution of, any other requirements imposed by the City on the development of land or the issuance of building permits or the sale of water or wastewater taps or the issuance of certificates of occupancy. Such fees are intended to be consistent with and to further the policies of City's Comprehensive Plan, capital improvements plan, zoning ordinance, subdivision regulations and other City policies, ordinances and resolutions by which the

DRAFT

City seeks to ensure the provision of adequate public facilities in conjunction with the development of land.

(2) This Ordinance shall not affect, in any manner, the permissible use of property, density of development, design, and improvement standards and requirements, or any other aspect of the development of land or provision of public improvements subject to the zoning and subdivision regulations or other regulations of the City, which shall be operative and remain in full force and effect without limitation with respect to all such development.

Section 29-124 Relief Procedures

Any person who has paid an impact fee or an owner of land upon which an impact fee has been paid may petition the City Manager to determine whether any duty required by this ordinance has not been performed within the time so prescribed. The petition shall be in writing and shall state the nature of the unperformed duty and request that the act be performed within sixty (60) days of the request. If the Manager determines that the duty is required pursuant to the ordinance and is late in being performed, it shall cause the duty to commence within sixty (60) days of the date of the request and to continue until completion.

Section 29-125 Reserved

Sections 29-126-29-135 Reserved

DIVISION 2. WATER FACILITIES IMPACT FEES

Section 29-136 Water Service Area

There is hereby established a water service area as depicted on Exhibit A, attached hereto and incorporated herein by reference. The boundaries of the water service area may be amended from time to time, and new water service areas may be delineated, pursuant to the procedures in Section 5.8.7.

Section 29-137 Water Improvements Plan

The Water Improvements Plan for the City is hereby adopted as Exhibit D attached hereto and incorporated by reference herein. The Water Improvements Plan may be amended from time to time, pursuant to the procedures set forth in Chapter 395 of the Texas Local Government Code and its successors.

Section 29-138 Water Impact Fees

The maximum impact fee values per service unit for water facilities are hereby adopted and incorporated in Exhibit C attached hereto and made a part hereof by reference. The impact fee values per service unit for water facilities may be amended from time to time, pursuant to the procedures in Section 29-110.

DRAFT

Sections 29-139—29-150 Reserved

DIVISION 3. WASTEWATER FACILITIES IMPACT FEES

Section 29-151 Wastewater Service Area

There is hereby established a wastewater service area as depicted on Exhibit A, attached hereto and incorporated herein by reference. The boundaries of the wastewater service area may be amended from time to time, and new wastewater service areas may be delineated, pursuant to the procedures in Section 29-107.

Section 29-152 Wastewater Improvements Plan

The Wastewater Improvements Plan for the City is hereby adopted as Exhibit E attached hereto and incorporated by reference herein. The Wastewater Improvements Plan may be amended from time to time, pursuant to the procedures set forth in Chapter 395 of the Texas Local Government Code and its successors.

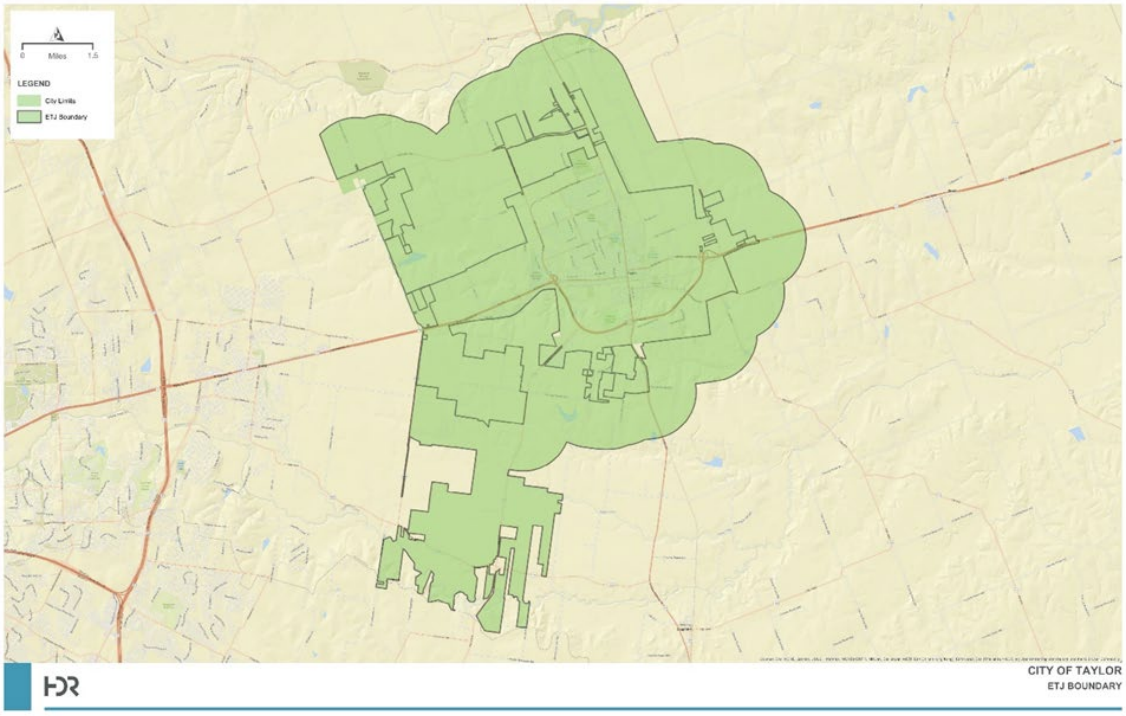
Section 29-153 Wastewater Impact Fees

The maximum impact fee values per service unit for wastewater facilities are hereby adopted and incorporated in Exhibit C attached hereto and made a part hereof by reference. The impact fee values per service unit for wastewater facilities may be amended from time to time, pursuant to the procedures in Section 29-110.

EXHIBIT A: Service Area Map
EXHIBIT B: Land Use Assumptions
EXHIBIT C: Maximum and Effective Impact Fees
EXHIBIT D: Water Improvements Plan
EXHIBIT E: Wastewater Improvements Plan

DRAFT

EXHIBIT A
SERVICE AREA MAP



DRAFT

EXHIBIT B
LAND USE ASSUMPTIONS

Current and Projected Land Use

Item	*Current*		*Future (Including ETJ)*	
	Acres	*%*	*Acres*	*%*
Residential	1,513	3.5%	2,204	5.1%
Commercial/Industrial	1,656	3.8%	2,413	5.5%
Mixed Use	0	0.0%	50	0.1%
Undeveloped/Not Served	40,318	92.7%	38,820	89.3%
Total Land Use Acreage	**43,478**	**100%**	**43,487**	**100%**
Source: Williamson County CAD (Current); Envision Taylor Comprehensive Plan (Future)				

DRAFT

EXHIBIT C
MAXIMUM AND EFFECTIVE IMPACT FEES

MAXIMUM AND EFFECTIVE IMPACT FEES FOR VARIOUS WATER METER SIZES

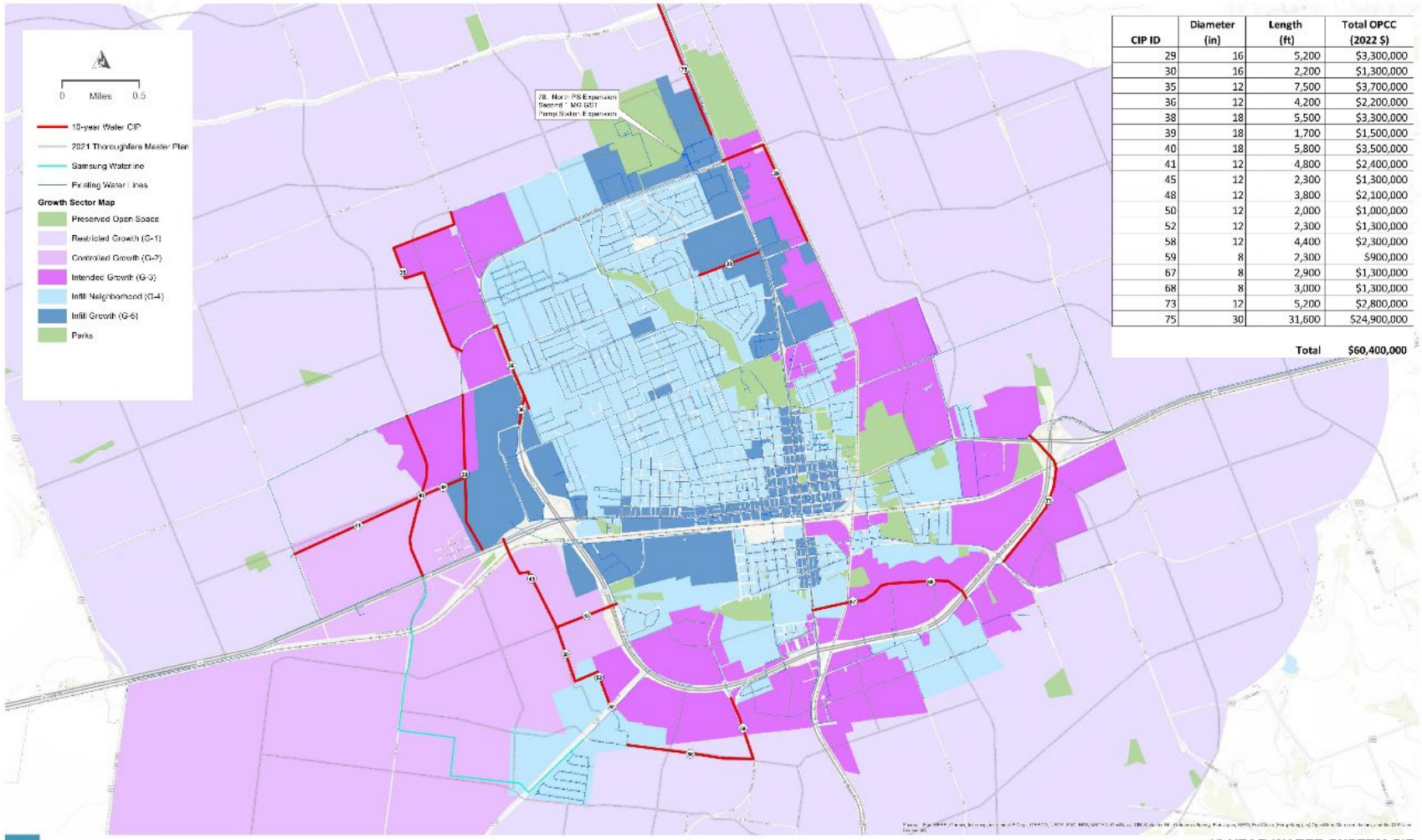
			Maximum Impact Fees			Effective (Collected) Impact Fees		
Meter Type	Meter Size	Multiplier	Water	Sewer	Combined	Water	Sewer	Combined
Simple	5/8" x 3/4"	1.000	$ 2,919	$ 2,799	$ 5,718	$ 2,919	$ 2,799	$ 5,718
Simple	3/4"	1.500	$ 4,378	$ 4,199	$ 8,577	$ 4,378	$ 4,199	$ 8,577
Simple	1"	2.500	$ 7,297	$ 6,998	$ 14,295	$ 7,297	$ 6,998	$ 14,295
Simple	1 1/2"	5.000	$ 14,595	$ 13,995	$ 28,590	$ 14,595	$ 13,995	$ 28,590
Simple	2"	8.000	$ 23,352	$ 22,392	$ 45,744	$ 23,352	$ 22,392	$ 45,744
Compound	2"	8.000	$ 23,352	$ 22,392	$ 45,744	$ 23,352	$ 22,392	$ 45,744
Turbine	2"	10.000	$ 29,189	$ 27,990	$ 57,180	$ 29,189	$ 27,990	$ 57,180
Compound	3"	16.000	$ 46,703	$ 44,784	$ 91,488	$ 46,703	$ 44,784	$ 91,488
Turbine	3"	24.000	$ 70,055	$ 67,177	$ 137,231	$ 70,055	$ 67,177	$ 137,231
Compound	4"	25.000	$ 72,974	$ 69,976	$ 142,949	$ 72,974	$ 69,976	$ 142,949
Turbine	4"	42.000	$ 122,596	$ 117,559	$ 240,155	$ 122,596	$ 117,559	$ 240,155
Compound	6"	50.000	$ 145,947	$ 139,951	$ 285,899	$ 145,947	$ 139,951	$ 285,899
Turbine	6"	92.000	$ 268,543	$ 257,511	$ 526,054	$ 268,543	$ 257,511	$ 526,054
Compound	8"	80.000	$ 233,516	$ 223,922	$ 457,438	$ 233,516	$ 223,922	$ 457,438
Turbine	8"	160.000	$ 467,031	$ 447,845	$ 914,876	$ 467,031	$ 447,845	$ 914,876
Compound	10"	115.000	$ 335,679	$ 321,888	$ 657,567	$ 335,679	$ 321,888	$ 657,567
Turbine	10"	250.000	$ 729,736	$ 699,757	$ 1,429,493	$ 729,736	$ 699,757	$ 1,429,493
Turbine	12"	330.000	$ 963,252	$ 923,680	$ 1,886,931	$ 963,252	$ 923,680	$ 1,886,931

DRAFT

EXHIBIT D
WATER IMPROVEMENTS PLAN

WATER IMPROVEMENTS PLAN (10-Year)		
Project Name or ID #	**Project Type**	**Estimated Project Cost**
29	Water Transmission	$ 3,300,000
30	Water Transmission	$ 1,300,000
35	Water Transmission	$ 3,700,000
36	Water Transmission	$ 2,200,000
38	Water Transmission	$ 3,300,000
39	Water Transmission	$ 1,500,000
40	Water Transmission	$ 3,500,000
41	Water Transmission	$ 2,400,000
45	Water Transmission	$ 1,300,000
48	Water Transmission	$ 2,100,000
50	Water Transmission	$ 1,000,000
52	Water Transmission	$ 1,300,000
58	Water Transmission	$ 2,300,000
59	Water Transmission	$ 900,000
67	Water Transmission	$ 1,300,000
68	Water Transmission	$ 1,300,000
73	Water Transmission	$ 2,800,000
North PS Expansion	Water Pumping	$ 2,124,650
North PS 1 MGD Storage Tank	Ground Storage	$ 3,000,000
Parallel BRA Supply Pipeline	Water Supply	$ 24,900,000

DRAFT

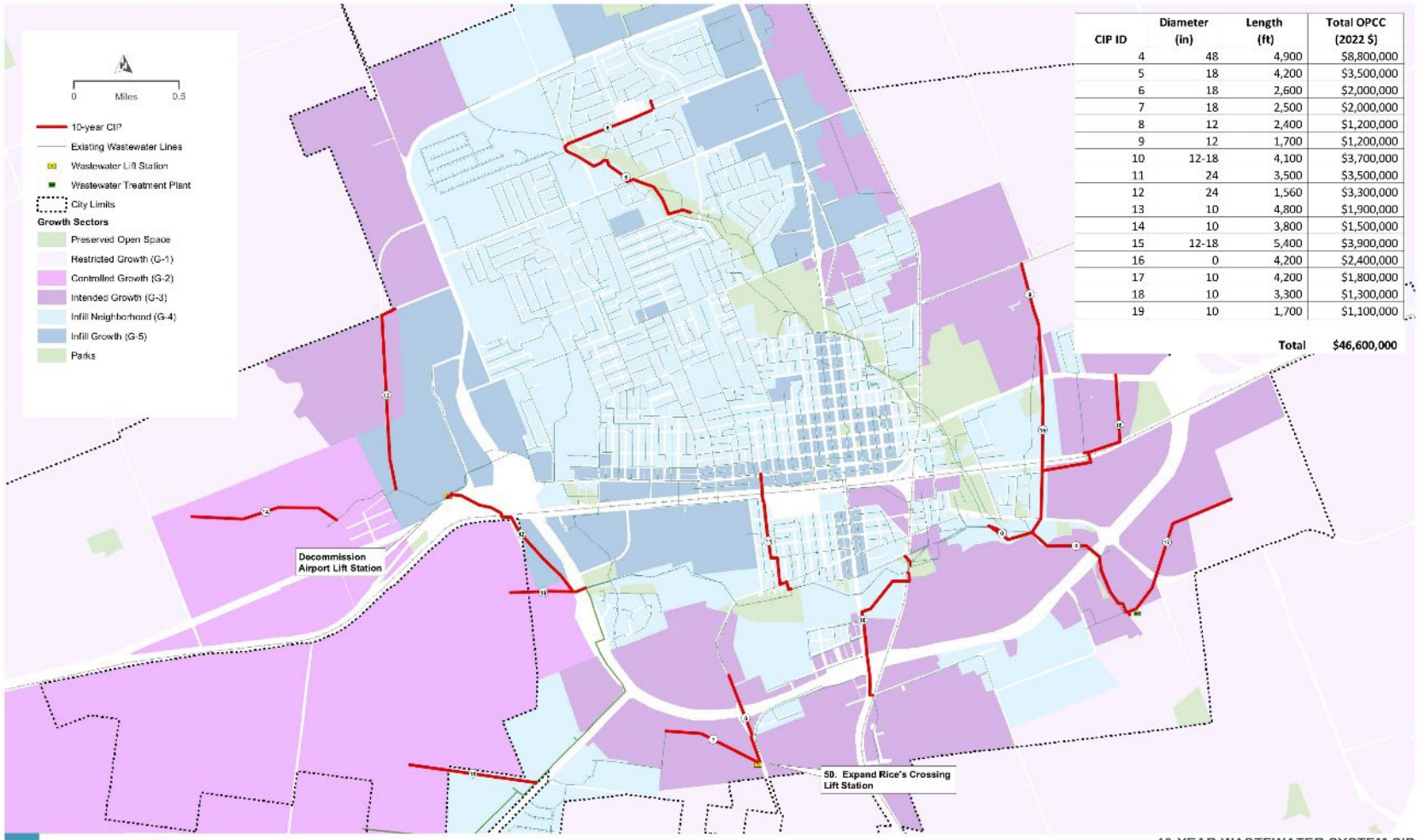


CIP ID	Diameter (in)	Length (ft)	Total OPCC (2022 $)
29	16	5,200	$3,300,000
30	16	2,200	$1,300,000
35	12	7,500	$3,700,000
36	12	4,200	$2,200,000
38	18	5,500	$3,300,000
39	18	1,700	$1,500,000
40	18	5,800	$3,500,000
41	12	4,800	$2,400,000
45	12	2,300	$1,300,000
48	12	3,800	$2,100,000
50	12	2,000	$1,000,000
52	12	2,300	$1,300,000
58	12	4,400	$2,300,000
59	8	2,300	$900,000
67	8	2,900	$1,300,000
68	8	3,000	$1,300,000
73	12	5,200	$2,800,000
75	30	31,600	$24,900,000
		Total	$60,400,000

EXHIBIT E
WASTEWATER IMPROVEMENTS PLAN

SEWER IMPROVEMENTS PLAN (10-Year)		
Project Name or ID #	**Project Type**	**Estimated Project Cost**
4	Interceptor	$ 8,800,000
5	Interceptor	$ 3,500,000
6	Interceptor	$ 2,000,000
7	Interceptor	$ 2,000,000
8	Interceptor	$ 1,200,000
9	Interceptor	$ 1,200,000
10	Interceptor	$ 3,700,000
11	Interceptor	$ 3,500,000
12	Interceptor	$ 5,900,000
13	Interceptor	$ 1,900,000
14	Interceptor	$ 1,500,000
15	Interceptor	$ 3,900,000
16	Interceptor	$ 2,400,000
17	Interceptor	$ 1,800,000
18	Interceptor	$ 1,300,000
19	Interceptor	$ 1,100,000
Rice's Crossing Lift Station	Wastewater Pumping	$ 3,500,000

DRAFT



CIP ID	Diameter (in)	Length (ft)	Total OPCC (2022 $)
4	48	4,900	$8,800,000
5	18	4,200	$3,500,000
6	18	2,600	$2,000,000
7	18	2,500	$2,000,000
8	12	2,400	$1,200,000
9	12	1,700	$1,200,000
10	12-18	4,100	$3,700,000
11	24	3,500	$3,500,000
12	24	1,560	$3,300,000
13	10	4,800	$1,900,000
14	10	3,800	$1,500,000
15	12-18	5,400	$3,900,000
16	0	4,200	$2,400,000
17	10	4,200	$1,800,000
18	10	3,300	$1,300,000
19	10	1,700	$1,100,000
		Total	$46,600,000

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☒ Streets/Infrastructure
☒ Quality of Life
☒ Economic Vitality

Agenda Item #: 11

Agenda Title: **Consider introducing Ordinance 2023-14, adoption of city event policy.**

Council Action to be taken: First reading of ordinance

Department Submitted: City Management

Staff Contact: Brian LaBorde, City Manager

1. PURPOSE/DESCRIPTION

Revisions to city event policy.

2. BACKGROUND / PRIOR COUNCIL ACTIONS TAKEN

Existing city event policy needs to reflect current state and federal laws. Staff enlisted the assistance of outside counsel specializing in constitutional law and Religious Land Use and Institutionalized Persons Act (RLUIPA).

3. STAFF ANALYSIS (How and Why)

The proposed ordinance will evaluate applications for events causing for crowd gatherings of 500 or more, ROW usage or vendors used for the sale of goods or services, based on preserving the health, safety and general welfare of the community (police powers granted to municipalities), economic prosperity actualized for local businesses and the economy, fiscal impacts on the municipality imposing undue hardships on city funds and/or resources.

The policy is set forth to review all applicable events with content neutrality and to determine any city resource considerations based off of the criteria as mentioned above.

4. RECOMMENDATION

Staff recommends first reading of the ordinance.

Upon second meeting, staff will provide a calendar of city adopted events for Council consideration.

5. FUNDING SOURCE

N/A

6. TIMELINE

N/A

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

11a. Ordinance 2023-14
11b. PowerPoint presentation

ORDINANCE NO. 2023-14

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF TAYLOR, TEXAS, REPEALING CHAPTER 25, ARTICLE IV. OF THE CODE OF ORDINANCES OF THE CITY OF TAYLOR ENTITLED "PARADES"; AMENDING CHAPTER 14 OF THE CODE OF ORDINANCES OF THE CITY OF TAYLOR ENTITLED "LICENSES, PERMITS, AND BUSINESS REGULATIONS" TO INCLUDE REGULATIONS FOR PARADES AND OTHER SPECIAL EVENTS; AMENDING SECTION 24-3 "SIGNS" TO EXEMPT CERTAIN SIGNS FOR CITY ADOPTED SPECIAL EVENTS; INCLUDING A SEVERABILITY CLAUSE; REPEALING CONFLICTING ORDINANCES AND RESOLUTIONS; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, the City of Taylor, Texas, adopted ordinance No. 2002-37 establishing regulations and a permitting process for parades in the City of Taylor;

WHEREAS, the purpose of the special events permit policy is to maintain the health, safety and general welfare in the community in a fiscally prudent manner with taxpayers money and allow for economic prosperity for community business owners; and

WHEREAS, it is in the best interest of the City and its residents to establish regulations and a permitting process for certain special events held in the City.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TAYLOR, TEXAS, THAT;

SECTION 1. The facts and recitations contained in the preamble of this ordinance are hereby found and declared to be true and correct and are incorporated by reference herein and expressly made a part hereof, as if copied verbatim.

SECTION 2. Ordinance No. 2002-37 codified under Chapter 25, Article IV. – Parades of the Code of Ordinances of the City of Taylor is hereby repealed in its entirety.

DRAFT

SECTION 3. Chapter 24 "Signs" of the Code of Ordinances of the City of Taylor is amended so that Section 24-3 (p)(9) reads as follows:

(p) Exempt Signs. The following signs are exempt from the requirements of this chapter:

(9) Outdoor advertising display signs for City adopted events held on public properties in accordance with the City of Taylor's Special Event Permit ordinances as codified or as permitted under Section 14-164(d).

SECTION 4. Chapter 14 of the Code of Ordinances of the City of Taylor, Texas is hereby amended to include the provisions as shown in EXHIBIT "A."

SECTION 5. All ordinances and resolutions, or parts of ordinances and resolutions, in conflict with this Ordinance are hereby repealed, and are no longer of any force and effect.

SECTION 6. If any provision of this ordinance or application thereof to any person or circumstance, shall be held invalid, such invalidity shall not affect the other provisions, or application thereof, of this ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are hereby declared to be severable.

SECTION 7. The Mayor is hereby authorized to sign this ordinance and the City Secretary to attest. This Ordinance shall become effective and be in full force and effect in accordance with the provisions of the Charter of the City of Taylor.

PASSED, APPROVED, and ADOPTED on this _____ day of _____, 2023.

_____
Brandt Rydell, Mayor

ATTEST:

DRAFT

Dianna McLean, City Clerk

APPROVED AS TO FORM:

Ted W. Hejl, City Attorney

DRAFT

CERTIFICATE

THE STATE OF TEXAS

COUNTY OF WILLIAMSON

I, Dianna McLean, being the current City Clerk of the City of Taylor, Texas, do hereby certify that the attached is a true and correct copy of Ordinance No. 2023-14, passed and approved by the City Council of the City of Taylor, Texas, on the ____ day of _____, 2023, and such Ordinance was duly introduced, passed, approved and adopted at meetings open to the public and notices of the meetings, giving the dates, places, and subject matter thereof, were posted as prescribed by Government Code Section 551.043.

Witness my hand and seal of office on this ____ day of _____, 2023.

_____
Dianna McLean
City Clerk

DRAFT

Exhibit "A"

Chapter 14

ARTICLE V Special Event Permits

Sec. 14-150 Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Affected person. A property owner, property manager or tenant of each property fronting on the portion of a public street to be closed for a Special Event. With respect to an application in which a waiver from the city's noise regulations are requested, an "affected person" also means a property owner, property manager, or tenant of each property located within 200 feet of the closure area.

City. The City of Taylor, Texas.

City park. Any property in the city designated as a park, playground, recreational facility, swimming pool or hike and bike path, and shall include buildings, parking lots and driveways in such areas.

Closure area. The perimeter of the area in which a special event is authorized to be held.

Neighborhood association. A property owner's or homeowners' association.

March. Any assembly, parade, demonstration or procession upon public streets or properties within the city including persons, animals, or vehicles that is reasonably likely to interfere with the normal flow or regulation of traffic.

Permittee. The person to whom a special event permit is granted pursuant to this article.

Person. Any individual, entity, association or organization.

City Reviewers Committee. The persons reviewing the special event application from the city. The reviewers are comprised of the city manager and/or his/her appointed designee, the fire chief/emergency management coordinator and/or his/her appointed designee, police chief and/or his/her appointed designee, public works director and/or his/her appointed designee, the parks and recreation director and/or his/her appointed designee, director of development services or his or her designee, and main street manager or his or her designee

DRAFT

Road closure. A road not open to the public.

Special event. An organized activity which makes a significant contribution to the cultural, economic, or social welfare of the city which is to occur upon public property and requires a special event permit as set forth in section 14-151. Events occurring upon property not owned by or under the control of the city may occur without application for the special event permit provided that none of the event flows onto or into public property under the jurisdiction of the city and is consented to by the person who owns, controls, or is otherwise in charge of the property.

Sec. 14-151 Permit required.

(a) It shall be unlawful for any person to hold a special event, sponsor a special event or cause a special event to occur upon public property within the city without a special event permit from the city, as required in this article, unless exempt per section 14-152.

(b) Special event permits shall be required for:

(1) Any event with a crowd greater than 500 people projected to attend or who actually attend a special event;

(2) When an event will require blocking, standing, or limiting of vehicle, bicycle, or pedestrian traffic flow in public streets, sidewalks, rights-of-way, trails, or parking lots either under the ownership of the City or Texas Department of Transportation (TXDOT); or

(3) When the event will have vendors or others sell or distribute services or goods on public property during special events.

Sec. 14-152 Exceptions.

The provisions of this article shall not apply to the following:

(a) Organized community and festival events held by authority of agreements or special permits issued by the city council or held upon public premises or in or upon public parks, facilities or open spaces under the auspices or adoption by the city.

(b) Events that are within the regular administration of the city carried out by departments such as parks and recreation or main street that do not meet the requirements for a special event permit because of crowd size, public roadway closures, or presence of vendors during the event.

DRAFT

(c) Authorized contractual concessions permitted upon city premises by agreement, lease or contract with the city duly authorized by the city council.

(d) The requirements of this article do not apply to use of a city sidewalk, public park or right-of- way organized solely to express the participants' rights protected by the First Amendment, which does not block pedestrian or vehicular traffic or reasonable use of open space. Applicants must meet requirements for mass gathering for crowds over 1000 people.

Commented [BL1]: Can you include public spaces and reasonable use of a public facility or open space as violation of the exception?

Sec. 14-153 Application.

The application for a special event permit required by this article shall be a form prescribed by the reviewers. A permittee shall comply with any requirements for applying for a special event permit established by this article and other applicable law. In addition to permits required under this article, a permittee for a special event shall be responsible for obtaining any additional required permits, including but not limited to permits related to health, food, alcohol, and safety. An application for a special event permit shall be filed with upon a form provided for that purpose.

Sec. 14-154 Timeframes and deadlines.

The deadlines for submission of a special permit application are as follows:

(a) A permittee for a permit under this article must submit an application to the City Reviewers Committee no later than 30 days prior to the first day of the proposed event.

(b) Any special event closing a TXDOT owned street to include (MLK and Main St, or Carlos Parker) over four (4) hours shall submit no later than 90 days prior to the first day of the proposed event.

(c) The permittee may request an exception to the deadlines set forth in this section. The city manager will decide whether to grant an exception, and the city manager's decision is final.

(d) Permittees for special events of the same type that will occur multiple times within a six (6) month period may apply to receive one (1) permit for the six (6) month period for that special event. A six (6) month permit may be approved and issued at the discretion of the reviewers.

Sec. 14-155 Information required for permit.

(a) Permittees for a special event permit shall provide the

DRAFT

information listed as well as any other information required by the reviewers:

(1) Application - completed in its entirety.

(2) Site plan/event route or map.

(3) Proof of liability insurance, a certificate of liability insurance naming the city as an additional insured in the amount and type of coverage required by the reviewers.

(4) Signatures and contact information of citizens and/or businesses affected by the event.

(5) Safety plan.

(6) Approval from other jurisdictions, if the event is taking place in more than one jurisdiction the approval of other jurisdictions (such as the health district) may be required.

(7) Traffic-control plan.

(8) Outreach to neighborhoods affected by the event.

(9) Texas Alcoholic Beverage Commission permits, if applicable.

(10) For marches/races also include:

(A) A route map.

(B) Approximate number of participants and type of participants (ex. animals, floats, etc.).

(C) On-site registration time, assembly time for participants and start and end times.

(D) Proof that all property owners adjacent to the parade/race route have been notified of the route, date and duration of the parade/race.

(E) TXDOT permit for any closures of TXDOT owned rights-of-ways in accordance with Article IV-Parades in the Code of Ordinances.

(11) Fees for city services and equipment. For any city services such as personnel and/or equipment required for such event, a cost estimate shall be created prior to the event wherein permittee

DRAFT

shall pay for all city personnel and equipment as indicated from the City Reviewers Committee prior to event unless otherwise stated herein.

(b) Additional permits are required for the following - (The following is not an exhaustive list of additional items that may need a permit in addition to the special event permit):

(1) Signs (banners, "A" frame, etc.).

(2) Tents larger than 400 sq. ft.

(3) Any pyrotechnics/firework display.

(4) Mass gathering - greater than 1000 people.

(5) Mobile food vendors or food vendor permit

(6) Noise ordinance exception (Sec. 19.-4).

Sec. 14-156 Review and action on application.

(a) After inspection and/or investigation of an application, the reviewers shall recommend to approve or to deny an application for a special event permit. If the application is approved, the reviewers shall issue a special event permit which shall state on its face the name of the person to whom it is granted and the expiration date. The reviewers shall designate on such permit the location at which the special event is permitted and any other conditions the permittee must comply with in holding the special event. The reviewers may authorize the closure of a public street in connection with approval of a special event permit. All special events applied for in a park permits application from the parks and recreation department shall be reviewed by the special event application reviewers in accordance with this article.

(b) Compliance with article. Except for the permitting requirements, the permittee for a special event permit and/or the holder of a special event permit shall comply with all sections of this article and other applicable ordinances of the city.

(c) City council review. A special event permit shall not be issued for the following events without council approval:

(1) A special event that exceeds 12 hours, excluding pre- and post-

DRAFT

preparatory set up and take down.

(2) A special event in which more than 3,000 attendees are expected to attend over the course of the event.

(3) The cost to the city of the special event is projected to meet or exceed $50,000.00 including the cost of city employee time.

(4) TXDOT ROW closures are necessary.

Sec. 14- 157 General information and restrictions.

(a) Sale or distribution of services or goods on public property. Notwithstanding other provisions of this article, the reviewers may issue a special event permit to enable the holder to sell or distribute services or goods on public property during special events. The special event permittee shall comply with and ensure compliance with all of the specifications, including location of uses and uses authorized as listed in the permit.

(b) Sale or distribution of food on public property. The permit may provide for temporary food establishments, provided that the permittee complies with the Williamson County and Cities Health District rules and regulations and the reviewers determine adequate facilities are available for public use during the special event. Open air vending is permitted during a special event provided the permit authorizes the open air vending in the specific location(s) indicated in the permit for the duration of the special event. Open air vending, temporary food establishments, and mobile food establishments authorized under a special event permit are not required to obtain a separate permit under Article VI, Sec. 25-207.

(c) Vendor participation at city hosted special events. All vendors participating in city hosted special events are required to follow the rules, regulations, and application process set forth in this article, including heeding all deadlines and providing all information requested. Failure to do so is cause to terminate the application and deny participation.

(d) Donations and/or in-kind services to city sponsorship events. Engagements are limited to persons or organizations that are dedicated to improving the quality of life of the citizens of the city by donating money or an equivalent in-kind value to defray the cost to the taxpayers of city-hosted special events in tiered amounts as determined by the city appropriate to offset costs of the special event that would otherwise be incurred by taxpayers of the city. Acceptance of donations and/or in-kind services by the city shall not be deemed an endorsement of the person or organization offering such donations

DRAFT

or in-kind services. The city, in its sole discretion, reserves the right to reject any proposed donation of cash, or in-kind good or service from any person or organization for any lawful reason.

(e) Road closure. A permittee may not block a street in a manner that prevents the free movement of pedestrians into and out of the closure area, unless specifically allowed under the special event permit.

(f) Entry fees. If an entry fee is charged for a special event, a permittee may not charge the fee to:

(1) A person who resides or operates a business in the closure area; or

(2) A customer of/or a person making a delivery to a business or residence in the closure area.

(g) Signage.

(1) A permittee shall post a sign at each entrance and exit to the closure area visible to all patrons entering the area that includes the amount of the entry fee, if any, and the rules of access to the closure area. A permittee must post the sign required under this section during the time the entry fee is in effect.

(2) Outdoor advertising of the event. Outdoor advertising shall be in accordance with Chapter 24 Signs of the City of Taylor Code of Ordinances.

(h) Exits; evacuation plan. The permittee must meet and provide all exits and emergency exits required by current fire code, ordinance, and have a posted evacuation plan throughout the venue

Sec. 14-158 Notice of special event and signature requirement.

(a) Notice. A written notice of proposed special event shall be mailed, emailed or hand delivered to all affected persons no later than the 14 days prior to the start of the special event if the event is over four (4) hours and requires the closure of city rights of way. The notice must include:

Commented [BL2]: Revised

(1) The address, and, if available, the name, e-mail address and telephone number of each affected person;

(2) A description of the special event and the time, date, and duration of the special event;

DRAFT

(3) A description of any streets to be closed during the special event and the duration of the closure;

(4) Whether a license for a waiver of any part of the city's noise ordinance (Sec. 19-4) will be sought in connection with the application;

(5) An affidavit by the person circulating the notice that each affected person was provided a copy of the notice and a map of the closure area.

Sec. 14-159 False information.

It shall be unlawful for any person to give any false or misleading information in connection with the application for a permit or a license required pursuant to this article.

Sec. 14-160 Security, fire, and emergency medical service approvals.

(a) The police chief or his designee shall determine the number of peace officers and/ or security agents required for the special event.

(b) The fire chief or his or her designee must approve the proposed location and size of any fire lane, booth, stage, and other equipment that is located in the street. Fire department personnel may conduct a safety inspection to ensure compliance with the adopted fire code.

(c) The fire chief or his designee shall determine the number and type of emergency medical personnel, services, and equipment required for the event. Fire department personnel may conduct a compliance inspection at a permitted event.

(d) The emergency management coordinator may require a plan to be submitted and approved prior to a permit to be issued plan(s) addressing the matters effecting a mass gathering including health needs, shelter, weather protections, evacuations, and associated items.

Sec. 14-161 Safety requirements.

(a) At the discretion of the Chief of Police, an applicant may employ off-duty peace officers commissioned by the Texas Commission on Law Enforcement Officer Standards and Education for traffic control.

(b) An applicant may use a private licensed security agency for

DRAFT

crowd control and security, if the use is approved by the police chief. A security agent employed under this section must:

(1) Be in uniform;

(2) Be able to contact the city police or emergency medical services if necessary; and

(3) Not consume an alcoholic beverage or participate in the event.

(c) An applicant shall ensure that the number of security officers or agents established by the police chief remain on-site during the street closure. A supervising peace officer employed by the city may reduce the number of officers or agents posted at a street event at the discretion of the supervising peace officer.

(d) An applicant shall provide emergency medical personnel and EMS stations as required by the fire chief on the emergency medical services special events information and resource form to ensure the safety of participants at the street event as required.

(e) An applicant shall comply with the adopted fire code and the fire department's street closure guidelines and maintain adequate fire lanes within the closure area.

(f) An applicant shall provide a barricade approved by the public works director and the fire marshal for the lawn or other property of a resident within the closure area who requests a barricade. A barricade provided under this section may not impede access to or from any property.

(g) If a street event is gated, an applicant shall station at least one peace officer or security agent from a city-approved firm at each exit to enforce all required rule, state law, and safety requirements.

(h) An applicant shall comply with all requirements of the Texas Alcoholic Beverage Commission, if alcoholic beverages are to be sold/served at an event.

Sec. 14-162 Health requirements.

(a) The applicant must close a special event in sufficient time to allow the affected areas to be cleaned and the street to reopen at the time established in the permit.

(b) If a food or beverage booth is used during a street closure, an

DRAFT

applicant shall spray- clean the sidewalk and area around the food and beverage booth with water in accordance with health regulations established by the Williamson County and Cities Health District.

(c) If an applicant fails to promptly spray-clean the sidewalk and area around a food and beverage booth, the city shall provide the clean-up and send an invoice of the cost to the applicant.

(d) An applicant shall provide an adequate number of trash containers based on the estimated number of participants at the event. The applicant shall provide suitable protection around stormwater inlets to prevent debris from entering the stormwater system.

(e) If an applicant fails to promptly clean-up trash or remove debris from the stormwater system inlets, the public works director shall provide the clean-up and send an invoice of the cost to the applicant.

(f) Except as provided by subsection (g), an applicant shall provide an adequate number of portable toilets based on the estimated number of participants at the street event. An applicant may not place a portable toilet within 25 feet of an entryway to an adjacent business or residence, unless the adjacent property owner or tenant approves a distance less than 25 feet in writing.

(g) An applicant may present as part of the plan a diagram showing sufficient existing toilet facilities and written certification that the facilities are available for public use during the street event. If the plan is approved, the applicant must clearly mark the location of the toilets during the event.

Sec. 14-163 City event adoption requirements.

(a) To have an event adopted by the City, special event organizers must meet the following requirements:

(1) Event must have been offered to the public for two previous years.

(2) Special event organizers must provide detailed written documentation of event budget, staff/volunteer needs, planning process and sponsorships.

(3) Presentation and approval of event to any applicable Board/Commission with recommendation to City Council.

DRAFT

(4) Presentation and approval of event to the City Council.

(b) Adoption of a special event by the city requires approval from City Council. Approvals are based on the following:

(1) Positive impacts the event brings to the city and its citizenship.

(2) Potential negative impacts of the event for the city and its citizenship.

Commented [BL3]: Are these too broad?

(3) Financial impacts of the event.

(4) Staffing and city resource impacts of the event for the city and its citizenship

(5) Health and/or safety impacts of the event for the city and its citizenship

(6) Economic impacts to the city and its citizenship

Commented [BL4]: Added criteria

(7) Alignment with the city's mission and vision statement.

(8) Implications the event have on current special events and program offerings.

(c) Newly adopted special events and programs will not be added into a current budget year. If adopted, a new program or event will be added into the following budget year, or concurrent year if budgetary process has already begun. Adopted events will be solely organized and planned by the City Department deemed appropriate by the City Manager. Groups requesting to partner with the city and for the adoption of a fully city-sponsored special event that otherwise meets the criteria set forth above must meet the requirements of section 501(c)3 of the Internal Revenue Code. Any event to be adopted and funded by the City shall be under the direction and control of the City. Any previous committees, groups, clubs, organizations, nonprofits and the like providing event planning may continue to work under the auspices of the City.

Sec. 14-164 Fee and/or in-kind services.

Before any permit shall be issued under the provisions of this article:

(a) The applicant shall pay a fee as provided for in the city fee schedules and the fee schedule set out in 14-175.

(b) The applicant shall also obtain all inspections and permits

DRAFT

required under any other ordinance or regulation of the city or the Williamson County and Cities Health District.

(c) An applicant shall pay to the city the balance due for the actual cost of service, staff, and billed items not later than the 20th business day following the event.

(d) The reviewers may recommend to the city manager that a special event permit fee or equivalent such as event signage allowed on public properties or facilities, city financial contribution or in-kind services be waived, reduced, allowed or combination thereof for an event that is benefiting or assisting an identified organization that has ties to the city and has either shown a financial inability to pay the fee or other means as set forth herein. Fees may be reduced in accordance with the following criteria:

Commented [BL5]: Need thoughts on added in-kind services as equivalent to fee waivers.

(1) The event provides charitable grant(s) or donations directly back to the city or community through proceeds received from the event organizer;

(2) The event promotes local historical, cultural and arts preservation and restoration and tourism to the community as authorized pursuant to Chapter 351 of the Texas Tax Code;

(3) The event generates direct or indirect economic development benefit by ways of increase in sales, use and/or hotel occupancy tax revenue; or

(4) The event promotes or furthers any public purpose authorized pursuant to Texas Const. Art. 3, § 52-a, Chapter 380 of the Local Government Code, or any other law established for the promotion of economic development in the state.

Sec. 14-165 Issuance.

(a) No permit shall be issued under the provisions of this article until the applicant has complied with all the provisions and requirements of this article applicable to such permit.

(b) The reviewers shall issue a permit to the applicant if the reviewers determine that the application complies with this article and rules approved under this article.

(c) The city may not issue a permit before the applicant pays the applicable fee established by ordinance, unless such fee has been waived as set

DRAFT

forth herein.

Sec. 14-166 Contents.

Each permit issued under the provisions of this article shall be signed by the appropriate authority issuing the permit; dated as of the date of its issuance; and shall state the duration or term of such permit on the face thereof. Any permit not dated and signed as provided in this section shall be void. The time and location for which the permit is valid shall be shown on the permit

Sec. 14-167 Display.

Every permit holder having a permit issued under this article or required to have a permit and doing business within the city or any individual listed on a permit shall display the permit or copy of same upon the request of any person, and failure to do so shall be deemed a violation of this article.

Sec. 14-168 Duration.

A special event permit issued under the provisions of this article shall be valid for the period of time stated therein as determined by the reviewers.

Sec. 14-169 Modification or termination of special event permit.

(a) If the reviewers determine that an applicant has violated or failed to comply with the terms of a special event permit issued under this article, the reviewers may immediately halt the special event and reopen any closed areas and/or roads.

(b) The police chief, emergency management coordinator (EMC), or fire chief or appointed designees may modify any route, time, and manner of conduct of any special event as necessary to protect the safety and welfare of the public, including but not limited to preservation of access to public buildings, maintenance of vehicular and pedestrian mobility.

(c) As new or unforeseen circumstances surface after permit issuance to where police chief, EMC, or fire chief determine there is a need for safety and security above and beyond what was required for the initial permit, such measures and costs associated therewith may be allowed as determined necessary and such costs may be forwarded to the permittee for payment or applied towards any future permit applications.

Sec. 14-170 Offense and penalty.

DRAFT

A person commits an offense if the person violates the terms of a special event permit, closes any roads without a special event permit, or violates any provisions of this article unless approved by the city manager or designated city official.

Sec. 14-171 Previous violation.

An applicant who is found violating the terms of a permit issued under this article may not apply for or receive another closure permit under this chapter for a minimum period of 24 months after the date of the violation.

Sec. 14-172 Denial, revocation, and appeal.

(a) Denial. The city reserves the right to deny an application for a permit to any individual or group who has:

(1) In the past 12 months:

(A) Had a permit issued under this article revoked;

(B) Received a complaint from a special event permit issued previously;

(C) Has failed to pay fees related to a prior special event; or

(D) Otherwise violated this article.

(2) In the past 36 months:

(A) Had a valid complaint that the special event permit issued interferes with the safety and welfare of the public; or

(B) Has failed to pay fees related to a prior special event.

(3) A permit application that does not comply with this article or other applicable ordinances, rules, regulations or statutes.

(b) Revocation. Any permit issued under the provisions of this article may be revoked for the violation by the applicant or licensee of any provision of this article, state law or other ordinance that directly relates to the duties and responsibilities of the applicant or licensed occupation authorized in the permit. Upon such revocation, such permit shall immediately be surrendered to the authority that issued the permit, and failure to do so shall be deemed a misdemeanor.

(c) Appeal. Any person aggrieved by the denial or revocation of a

DRAFT

permit reviewed by the reviewers may appeal within five days of the denial or revocation of the permit by written appeal tendered to the city secretary. The city manager may uphold, revise or overturn the denial or revocation. If the city manager upholds the denial or revocation, the decision shall be effective immediately. The decision of the city manager is final.

Sec. 14-173 Penalties.

Any person convicted of violating any provision of this article shall be guilty of a misdemeanor and shall be subject to a fine in an amount not to exceed two thousand dollars ($2,000.00).

Sec. 14-174 Enforcement.

For the purposes of discharging the duties imposed by this article and to enforce its provisions, any peace officer, fire marshal, or code enforcement officer is empowered to enter upon any premises for which a permit is issued and take such action to enforce this article as permitted in the Code of Criminal Procedure.

Sec. 14-175 Fee schedule.

Permitting fees for application processing, equipment rental, personnel services and so forth shall be set forth in the City's fee schedule amended annually with the City's fiscal year budget.

In addition to any existing event fees set forth in the City's annually adopted fee schedule the following shall be incorporated therewith:

Service/Item	Rate
Fire Inspection	Unless otherwise specified, determined upon review
Electrical, mechanical and/or plumbing inspections	Unless otherwise specified, determined upon review
Structure Inspection	Unless otherwise specified, determined upon review
Public Works good and services (subject to availability and prior approval)	Type III Barricades $3.75 Traffic Cones $1.25 Type A Barricades $1.25 12 cy Dump Truck $79.62 8 cy Dump Truck $57.70 6 cy Dump Truck $50.45 Equipment Trailor $30.52 Water Truck $15.85 Distributor Truck $43.57 Gradall $109.03 Personnel $43.10

DRAFT

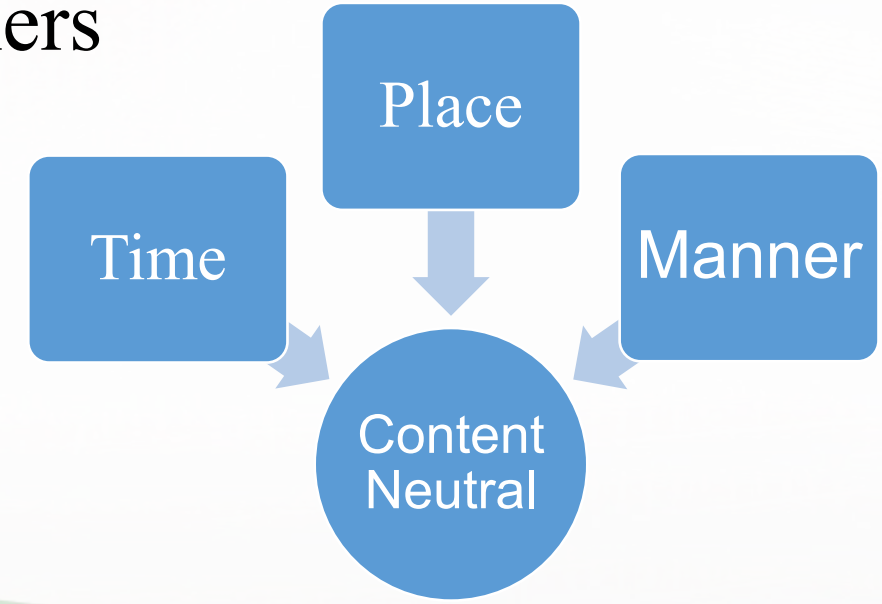
	Message Board	$11.60
	Arrow Board	$4.53
	Pickup Truck	$17.91
	Wheel Loader	$98.48
	Motor Grader	$80.43
	Street Sweeper	$102.03
Above and beyond city goods and services to include rentals, third party services, and so forth	Pass through costs plus ten (10%) administrative fee	

DRAFT

Proposed event policy

Foundation of the policy

- Maintain the health, safety and general welfare in the community
- Fiscally prudent with taxpayers' money
- Foster economic prosperity for community business owners



Framework of policy

- Creates three (3) types of events:
  - Private event
  - City adopted event
    - City owned and operated
    - Work with committees but have final decision-making authority
    - Private can be considered for adoption if it meets thresholds
  - Private event requesting fee or in-kind consideration
    - Waivers or reductions
    - In-kind services
    - Use of public property
    - Criteria needs to be met prior to any consideration:
      - Grants donated back to city
      - Promotes historical, cultural and arts preservation, restoration and tourism to the community as authorized in Chapter 351 of TX Tax Code.
      - Generates economic benefit to community: sales, use, hotel/motel taxes
      - Promotes a public purpose pursuant to Chapter 380 TX Local Gov. Code.

General details of policy

- Permit required for crowds greater than 500, using public streets or vendors.
- Application process sets forth information needed from applicant.
- Staff review committee will meet and review applications.
  - Depending on type of event will need either City Manger or Council final consideration.
  - Events Coordinator will oversee application process under Main St. Dept.
- If event is over four (4) hours and requires ROW closure, notice needs to be given to all affected persons.

Next Steps

- Staff recommends consideration on first reading
- At second reading, staff will provide a calendar of city adopted events for Council consideration.
- Staff has been revising application to reflect policy once in effect.

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☒ Quality of Life
☐ Economic Vitality

Agenda Item #: 12

Agenda Title: **Consider Introducing Ordinance 2023-17, Assignment Pay**

Council Action to be taken: Consider Ordinance 2023-17

Department Submitted: Human Resources

Staff Contact: LaShon Gros, Human Resources Director

1. PURPOSE/DESCRIPTION

This agenda item is to introduce Ordinance 2023-17 requesting a change to the lateral hire provision in the previous approved ordinance.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The police and fire departments utilize approved assignment pay for specialized public service positions. The police department has implemented a seniority lateral hiring plan to attract experienced and skilled sworn law enforcement personnel. The current ordinance was approved by Council on September 27, 2018.

Staff is recommending the current provision that states “Officers shall remain in that designated seniority step on the Step Plan Pay Scale until the officer attains the equivalent seniority as a full-time paid police officer with the City of Taylor Police Department” is removed.

While the ordinance allows for the City to hire experienced officers, it does not allow for the officer to move through the pay scale. This provision is an obstacle for recruiting and retention efforts.

Making a change to this ordinance will allow us to offer competitive pay to experienced officers.

3. PROS and CONS

PROS	CONS
• Remove obstacle to recruiting/retention efforts	• Additional costs for pay and benefits depending on years of service of the hired officer.

4. RECOMMENDATION

Conduct first reading of ordinance.

5. FUNDING SOURCE

General Fund

6. TIMELINE

Effective immediately after second reading.

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

12a. Draft Ordinance 2023-17
12b. PowerPoint presentation

ORDINANCE NO. 2023-17

AN ORDINANCE CREATING "ASSIGNMENT PAY" FOR CERTAIN ASSIGNMENTS WITHIN THE FIRE AND POLICE DEPARTMENTS; "SENIORITY PAY" IN THE POLICE DEPARTMENT; PROVIDING A REPEALER CLAUSE; AND PROVIDING AN EFFECTIVE DATE FOR THIS ORDINANCE.

WHEREAS, the City of Taylor adopted Chapter 143 of the Texas Local Government Code for its police and fire departments; and

WHEREAS, there are specialized assignments within the Fire and Police Departments and certain firefighters and police officers perform those assignments that are not performed by every firefighter and police officer; and

WHEREAS, § 143.042 of the Texas Local Government Code states that the governing body of a municipality may authorize assignment pay for fire fighters or police officers who perform specialized functions in the Fire or Police Department; and

WHEREAS, § 143.042 (c) of the Texas Local Government Code requires that the governing body must set forth in an ordinance the amount of assignment pay and the conditions under which it is to be payable to members of the Fire and Police Department; and

WHEREAS, § 143.043 of the Texas Local Government Code permits municipalities to authorize assignment pay for members of the Police Department who perform the duties and responsibilities of the field training officer program; and

WHEREAS, the City Council has the authority under § 143.041(c)(1) of the Texas Local Government Code to set seniority pay for classified positions.

NOW, THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TAYLOR, TEXAS:

SECTION 1.

That the matters and facts set forth in the preamble are hereby found to be true and are incorporated by reference into this Ordinance.

SECTION 2.

The assignment of "Medical Officer" is a specialized function within the Taylor Fire Department and that assignment involves review and responsibility over medical functions of the Department. When a member is designated by the Fire Chief or his designee to serve as the "Medical Officer" for the Department, that member is entitled to receive One Thousand Dollars ($1,000.00) per year as assignment pay.

SECTION 3.

The assignment of "Inspector" is a specialized function within the Taylor Fire Department and that assignment involves performing inspections, writing reports, and taking enforcement actions for the Department and satisfying the requirements set forth by HB 3866 (81R). When a member is designated by the Fire Chief or his designee to serve as "Inspector" for the Department, that member is entitled to receive Four Hundred and Seventy Five Dollars ($475.00) per year as assignment pay.

DRAFT

SECTION 4.

The assignment of "Fire Investigator" is a specialized function within the Taylor Fire Department and that assignment involves investigating the causes and sources of fires and writing reports regarding the results of those investigations for use by the Department and the public. When a member is designated by the Fire Chief or his designee to serve as "Fire Investigator" for the Department, that member is entitled to receive Three Hundred Dollars ($300.00) per year as assignment pay.

SECTION 5.

The assignment of "Criminal Investigator-Detective" is a specialized function with the Taylor Police Department and that assignment involves investigating higher-grade misdemeanors and felonies for prosecution in County and District Court. When a department member is designated by the Police Chief or his designee to serve as "Criminal Investigator - Detective" for the Department, that member is entitled to receive Twelve Hundred Dollars ($1,200.00) per year as assignment pay.

SECTION 6.

The assignment of "Sergeant-Criminal Investigations" is a specialized function with the Taylor Police Department and that assignment involves responsibility and oversight for all criminal investigations of higher grade misdemeanors and felonies undertaken by the Taylor Police Department. When a member is designated by the Police Chief or his designee to serve as "Sergeant-Criminal Investigation" for the Department, that member is entitled to receive Twelve Hundred Dollars ($1,200.00) per year as assignment pay.

SECTION 7.

The assignment of "Field Training Officer" is a specialized assignment within the Taylor Police Department. The assignment of "Field Training Officer" involves training and evaluating police recruits on the policies, practices, and procedures of the Taylor Police Department. The Police Chief or his designee assigns capable Police personnel to this position of responsibility in accordance with his or her demonstrated knowledge and familiarity with the Field Training Officers Program. Because the assignment of "Field Training Officer" requires additional and specialized duties, members who are assigned to perform these duties are entitled to receive Twelve Hundred Dollars ($1,200.00) per year as assignment pay during the time period that the members are performing the duties of "Field Training Officer," i.e., when that member has a probationary police officer assigned to him or her.

SECTON 8.

The terms of this ordinance and/or any payment of "assignment pay" do not apply to a member who is performing any of these duties on a "step-up" "acting" or any other temporary basis.

SECTION 9.

The City Council deems that police officers who are hired with prior full-time paid law enforcement experience will be placed on the City of Taylor's Police Department Step Plan Pay Scale based on the following formula:

Applicants for police officer positions who are hired after March 1, 2021, shall be eligible for Special Seniority pay for lateral entry if they have at least two (2) years' continuous service as a paid, full-time certified peace officer with the authority to enforce laws, investigate crimes, make arrests, respond to calls for service, carry a firearm, and use discretion as part of their assigned duties, and who has been employed

DRAFT

as such with an agency which serves a population of 16,000 persons/ has at least fifty (30) full-time sworn officer authorized positions. A lateral entry applicant shall not have more than a three (3)-year break in service from the time the applicant left the prior law enforcement agency and the time the applicant applied with the Taylor Police Department.

The starting pay for lateral entry officers with prior law enforcement experience of at least two (2) years shall be placed at the step in the police pay schedule commensurate with their qualified complete years of experience up to, but not exceeding, the rate of pay specified in the City's top step of the police officer step pay plan.

Previous Taylor Police Officers who are re-appointed as Police Officers are ineligible for Special Seniority Pay as described above, and if reappointed, he or she will be placed in the same salary step they held at the time of their resignation.

Departmental Seniority Impact: The Lateral Entry Program described in this Sub-section is for seniority pay purposes only to determine placement into the existing pay schedule. Actual work experience in another law enforcement agency will not be considered for promotional eligibility requirements, departmental seniority or transfers. Departmental seniority for lateral officers will begin on their most recent Civil Service hire date with the Taylor Police Department.

SECTION 10.

The effective date of this ordinance is _____, 2023 and will remain in effect until superseded.

SECTION 11.

All other ordinances, parts of ordinances or resolutions in conflict with this ordinance are hereby repealed.

SECTION 12.

In accordance with Article 8 of the City Charter, Ordinance No. 2023-17 was introduced before the Taylor City Council on the 13th day of April, 2023.

PASSED, APPROVED, and ADOPTED on the _____th day of April, 2023.

APPROVED

_____
Brandt Rydell, Mayor

ATTEST

_____
Dianna McLean, City Clerk

DRAFT

Assignment Pay Ordinance

BACKGROUND

- City Council previously approved an assignment pay ordinance that
  - Established assignment pays for specialized positions for police and fire
  - Implemented a seniority lateral hiring procedure

Lateral Hire Procedure

- **Current**
  - Allows for hiring experienced officers
  - Officers are placed on a step in the pay scale based on years of service
  - The officer must remain on that step until they have reached an equivalent number of years in the department
- **Requested Change**
  - Allow lateral hired officers to progress through the remaining steps with completed years of service

QUESTIONS?

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☐ Quality of Life
☒ Economic Vitality

Agenda Item #: 13

Agenda Title: **Consider Introducing Ordinance 2023-18 Amending the FY23 budget**

Council Action to be taken: Introduce Ordinance 2023-18

Department Submitted: Finance Department

Staff Contact: Jeff Wood, Chief Financial Officer

1. PURPOSE/DESCRIPTION

The purpose of this agenda item is to consider Ordinance 2023-18 amending the FY23 Budget.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The FY23 budget was originally adopted by Council on September 8, 2022 and amended February 9, 2023.

The purpose of this budget amendment is to have the budget reflect actual financial activity including changes in the budget related to unbudgeted expenditures and revenues. Financial activity during a fiscal year does not always match the anticipated revenues and expenditures approved during the budget development process, and amendments to individual accounts are needed to formally change the budgeted amounts of the affected accounts.

The two attachments to this request:

Ordinance No. 2023-18 – This is the official document that formalizes the adoption of the changes contained in Exhibit A.

Exhibit A – This attachment is part of the ordinance and specifies the items to be amended by fund and category.

3. PROS and CONS

PROS	CONS
• Properly account for unplanned/emergency expenditures and the use of donated, grant, and bond funds. • Maintain efficient processing of purchase orders and accounts payable. • Adjust individual accounts to accurately reflect the fiscal year activity in the account.	• If unapproved, accounts will not accurately reflect the activity that has occurred in the account and some accounts would remain over expended.

4. RECOMMENDATION

Staff recommends that Council introduce Ordinance 2023-18 to amend the FY23 budget.

5. FUNDING SOURCE

Various funding sources as identified in Exhibit A.

6. TIMELINE

Ordinance 2023-18 is being introduced on April 13th. Staff will schedule adoption of the ordinance for the April 27th meeting.

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

13a. Draft Ordinance 2023-18
13b. Exhibit A – FY23 Q2 Budget Amendment
13c. Budget Amendment Presentation

ORDINANCE NO. 2023-18

AN ORDINANCE OF THE CITY OF TAYLOR, TEXAS AMENDING ORDINANCE NO. 2023-06 ADOPTED ON FEBRUARY 9, 2023, MAKING APPROPRIATIONS FOR THE SUPPORT OF THE CITY FOR FISCAL YEAR BEGINNING OCTOBER 1, 2022 AND ENDING SEPTEMBER 30, 2023; BY AMENDING THE AMOUNT OF APPROPRIATIONS FOR THE GENERAL FUND AND OTHER CITY FUNDS THAT PROVIDE FOR THE PAYMENT OF OPERATING EXPENSES AND CAPITAL OUTLAY AND BY CHANGING THE AMOUNT APPROPRIATED FOR VARIOUS DEPARTMENTS OF THE CITY.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TAYLOR:

SECTION 1.0: That the appropriations for the fiscal year beginning October 1, 2022 and ending September 30, 2023, for the support of the general government of the City of Taylor, Texas be amended for said term in accordance with the change in revenues and expenditures shown in the attached Exhibit A.

SECTION 2.0: That the amendment, as shown in words and figures in Exhibit A, is hereby approved in all aspects and adopted as an amendment to the City budget for the fiscal year October 1, 2022 and ending September 30, 2023.

SECTION 3.0: In accordance with Article 8 of the City Charter, this ordinance was introduced before the City Council of the City of Taylor, Texas on the 13th day of April, 2023.

PASSED, APPROVED, and **ADOPTED** this the ____ day of _____, 2023.

_____
Brandt Rydell, Mayor

ATTEST:

_____
Dianna Barker, City Clerk

APPROVED AS TO FORM:

_____
Ted Hejl, City Attorney

Exhibit A FY23 Q2 Budget Amendments — Ordinance 2023-18

		Current Budget	Amendment Amount	Amended Budget
100 - General Fund				
Revenue				
430-336	**Use of Fund Balance**	$ -		$ 13,374
	Public arts donations carryover from FY22.		$ 3,945	
	Employee appreciation event offset by unspent revenue from the FY22 TML regional dinner.		$ 4,167	
	Fire department turnout gear purchase from FY22 completed in FY23 due to excess backorder time. Offset is unspent funds from FY22.		$ 5,262	
440-359	**Miscellaneous Donations**	$ 10,000		$ 21,930
	Public arts donations received in FY23 to date.		$ 9,100	
	Employee appreciation event donated funds.		$ 2,830	
330-237	**County & Other Local Grants**	$ 1,000	$ 1,500	$ 2,500
	Walmart Community Grant received for the purchase of rescue gear for the Fire Department.			
	Total General Fund Revenue Adjustments		**$ 26,804**	
City Management				
501-519	**Other Professional Services**	$ -	$ 80,200	$ 80,200
	Legislative Consulting Agreement			
	501 - City Management Department Total		**$ 80,200**	
Communications				
503-539	**Other Contract Services**	$ 102,960		$ 139,460
	Public relations contract services		$ 23,500	
	Communications Director contract renegotiated after the budget was approved.		$ 13,000	
	503 - Communications Department Total		**$ 36,500**	
Human Resources				
504-233	**City Sponsored Events**	$ 2,000	$ 6,997	$ 8,997
	Employee appreciation event offset by revenue from the TML regional dinner and donated funds.			
	504 - Human Resources Department Total		**$ 6,997**	
Development Services				
522-215	**Postage**	$ 4,000	$ 6,000	$ 10,000
	Two large zoning mailings			
	522 - Development Services Department Total		**$ 6,000**	
Fire Department				
542-247	**Turnout Protective Gear**	$ 18,600	$ 5,262	$ 23,862
	Purchase from FY22 completed in FY23 due to excess backorder time. Offset is unspent funds from FY22.			
542-265	**Instrument Apparatus**	$ 23,700	$ 1,500	$ 25,200
	Walmart Community Grant received for the purchase of rescue gear.			

Exhibit A FY23 Q2 Budget Amendments — Ordinance 2023-18

		Current Budget	Amendment Amount	Amended Budget
542-415	**Trucks / Heavy Equipment Rental** *T1 Fire engine repairs*	$ 216,764	$ 21,922	$ 238,686
	542 - Fire Department Total		**$ 28,684**	
Police Department				
552-532	**Software Maintenance/Licensing** *Correctly account for Flock cameras funded through use tax and included in the FY23 CIP.*	$ 90,010	$ 24,400	$ 120,703
552-539	**Other Contract Services** *Correctly account for computer server storage funded through use tax and included in the FY23 CIP.*	$ 11,550	$ 6,293	$ 17,843
	552 - Police Department Total		**$ 30,693**	
Streets & Grounds				
563-222	**Striping and Street Signs** *Correctly account for school zone light reconditioning funded through use tax and included in the FY23 CIP.*	$ 42,707	$ 15,000	$ 57,707
	552 - Police Department Total		**$ 15,000**	
Nondepartmental				
592-813	**Contribution to Civic Programs** *Public arts donations received in FY23 to date plus a carryover from FY22.*	$ 57,000	$ 13,045	$ 70,045
592-814	**Transfer to CIP**	$ 1,551,500		$ 1,505,807
	Correctly account for Flock cameras funded through use tax and expensed in the Police Department (100-552-532).		$ (24,400)	
	Correctly account for computer server storage funded through use tax and expensed in the Police Department (100-552-539).		$ (6,293)	
	Correctly account for school zone light reconditioning funded through use tax and expensed in the Streets Department (100-563-222).		$ (15,000)	
	592 - Nondepartmental Total		**$ (32,648)**	
	Total General Fund Expenditure Adjustments		**$ 171,426**	
	382 - Fleet Operating Fund			
Revenue				
340-277	**Equipment Rental Fee** *T1 Fire engine repairs*	$ 910,784	$ 21,922	$ 910,784
	Total Fleet Operating Revenue Adjustments		**$ 21,922**	
Fleet Services				
517-424	**Brake System** *T1 Fire engine repairs*	$ 16,480	$ 18,195	$ 34,675
517-427	**Cooling System** *T1 Fire engine repairs*	$ 7,000	$ 3,727	$ 10,727
	Total Fleet Operating Expenditure Adjustments		**$ 21,922**	

Exhibit A FY23 Q2 Budget Amendments

Ordinance 2023-18

		Current Budget	Amendment Amount	Amended Budget
384 - Fleet Replacement Fund				
Revenue				
340-278	**Equipment Replacement Fee**	$ 1,442,764	$ 8,250	$ 1,451,014
	Budgeted fleet replacement for an additional trailer for Parks. Funded through Use Tax as part of the FY23 CIP with a replacement fund contribution from the General Fund Parks Department (100-565-419).			
	Total Fleet Replacement Revenue Adjustments		**$ 8,250**	
Fleet Replacement				
518-724	**Heavy Equipment**	$ 660,964	$ 8,250	$ 669,214
	Budgeted fleet replacement for an additional trailer for Parks. Funded through Use Tax as part of the FY23 CIP with a replacement fund contribution from the General Fund Parks Department (100-565-419).			
	Total Fleet Replacement Expenditure Adjustments		**$ 8,250**	

Exhibit A FY23 Q2 Budget Amendments

Ordinance 2023-18

		Current Budget	Amendment Amount	Amended Budget
100 - General Fund				
Revenue				
430-336	**Use of Fund Balance**	$ -		$ 13,374
	Public arts donations carryover from FY22.		$ 3,945	
	Employee appreciation event offset by unspent revenue from the FY22 TML regional dinner.		$ 4,167	
	Fire department turnout gear purchase from FY22 completed in FY23 due to excess backorder time. Offset is unspent funds from FY22.		$ 5,262	
440-359	**Miscellaneous Donations**	$ 10,000		$ 21,930
	Public arts donations received in FY23 to date.		$ 9,100	
	Employee appreciation event donated funds.		$ 2,830	
330-237	**County & Other Local Grants**	$ 1,000	$ 1,500	$ 2,500
	Walmart Community Grant received for the purchase of rescue gear for the Fire Department.			
	Total General Fund Revenue Adjustments		**$ 26,804**	
City Management				
501-519	**Other Professional Services**	$ -	$ 80,200	$ 80,200
	Legislative Consulting Agreement			
	501 - City Management Department Total		**$ 80,200**	
Communications				
503-539	**Other Contract Services**	$ 102,960		$ 139,460
	Public relations contract services		$ 23,500	
	Communications Director contract renegotiated after the budget was approved.		$ 13,000	
	503 - Communications Department Total		**$ 36,500**	
Human Resources				
504-233	**City Sponsored Events**	$ 2,000	$ 6,997	$ 8,997
	Employee appreciation event offset by revenue from the TML regional dinner and donated funds.			
	504 - Human Resources Department Total		**$ 6,997**	
Development Services				
522-215	**Postage**	$ 4,000	$ 6,000	$ 10,000
	Two large zoning mailings			
	522 - Development Services Department Total		**$ 6,000**	
Fire Department				
542-247	**Turnout Protective Gear**	$ 18,600	$ 5,262	$ 23,862
	Purchase from FY22 completed in FY23 due to excess backorder time. Offset is unspent funds from FY22.			
542-265	**Instrument Apparatus**	$ 23,700	$ 1,500	$ 25,200
	Walmart Community Grant received for the purchase of rescue gear.			

Exhibit A FY23 Q2 Budget Amendments — Ordinance 2023-18

		Current Budget	Amendment Amount	Amended Budget
542-415	**Trucks / Heavy Equipment Rental** *T1 Fire engine repairs*	$ 216,764	$ 21,922	$ 238,686
	542 - Fire Department Total		**$ 28,684**	
Police Department				
552-532	**Software Maintenance/Licensing** *Correctly account for Flock cameras funded through use tax and included in the FY23 CIP.*	$ 90,010	$ 24,400	$ 120,703
552-539	**Other Contract Services** *Correctly account for computer server storage funded through use tax and included in the FY23 CIP.*	$ 11,550	$ 6,293	$ 17,843
	552 - Police Department Total		**$ 30,693**	
Streets & Grounds				
563-222	**Striping and Street Signs** *Correctly account for school zone light reconditioning funded through use tax and included in the FY23 CIP.*	$ 42,707	$ 15,000	$ 57,707
	552 - Police Department Total		**$ 15,000**	
Nondepartmental				
592-813	**Contribution to Civic Programs** *Public arts donations received in FY23 to date plus a carryover from FY22.*	$ 57,000	$ 13,045	$ 70,045
592-814	**Transfer to CIP**	$ 1,551,500		$ 1,505,807
	Correctly account for Flock cameras funded through use tax and expensed in the Police Department (100-552-532).		$ (24,400)	
	Correctly account for computer server storage funded through use tax and expensed in the Police Department (100-552-539).		$ (6,293)	
	Correctly account for school zone light reconditioning funded through use tax and expensed in the Streets Department (100-563-222).		$ (15,000)	
	592 - Nondepartmental Total		**$ (32,648)**	
	Total General Fund Expenditure Adjustments		**$ 171,426**	
	382 - Fleet Operating Fund			
Revenue				
340-277	**Equipment Rental Fee** *T1 Fire engine repairs*	$ 910,784	$ 21,922	$ 910,784
	Total Fleet Operating Revenue Adjustments		**$ 21,922**	
Fleet Services				
517-424	**Brake System** *T1 Fire engine repairs*	$ 16,480	$ 18,195	$ 34,675
517-427	**Cooling System** *T1 Fire engine repairs*	$ 7,000	$ 3,727	$ 10,727
	Total Fleet Operating Expenditure Adjustments		**$ 21,922**	

Exhibit A FY23 Q2 Budget Amendments

Ordinance 2023-18

		Current Budget	Amendment Amount	Amended Budget
384 - Fleet Replacement Fund				
Revenue				
340-278	**Equipment Replacement Fee**	$ 1,442,764	$ 8,250	$ 1,451,014
	Budgeted fleet replacement for an additional trailer for Parks. Funded through Use Tax as part of the FY23 CIP with a replacement fund contribution from the General Fund Parks Department (100-565-419).			
	Total Fleet Replacement Revenue Adjustments		**$ 8,250**	
Fleet Replacement				
518-724	**Heavy Equipment**	$ 660,964	$ 8,250	$ 669,214
	Budgeted fleet replacement for an additional trailer for Parks. Funded through Use Tax as part of the FY23 CIP with a replacement fund contribution from the General Fund Parks Department (100-565-419).			
	Total Fleet Replacement Expenditure Adjustments		**$ 8,250**	

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☐ Quality of Life
☒ Economic Vitality

Agenda Item #: 14

Agenda Title: **Consider Introducing Ordinance 2023-19 Amending Fees for City Services for Fiscal Year 2023**

Council Action to be taken: Introduce Ordinance 2023-19

Department Submitted: Finance

Staff Contact: Jeffrey Wood, Chief Financial Officer

1. PURPOSE/DESCRIPTION

This agenda item is to consider the introduction of Ordinance 2023-19 to amend the current fee schedule for Fiscal Year 2023.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The FY 2023 fee schedule was originally adopted by Council on September 22, 2022 and amended on February 9, 2023. The proposed Ordinance 2023-19 is amending Ordinance 2023-05.

Portions of the fee schedule include fees that are established and maintained through a separate ordinance. In order to ensure that ordinances do not conflict and to reduce duplicate ordinance amendments, the fee schedule has been updated to reference any separate ordinances that establish fees. This includes:

- Water and wastewater impact fees
- Roadway impact fees
- Industrial pretreatment fees

Revisions to the current fee schedule are shown in **red** in Exhibit A on pages 21 and 26. All other fees will remain unchanged.

3. PROS and CONS

PROS	CONS
• Revise fee schedule to ensure that as ordinances are amended, the fee schedule is up to date as well.	• If unrevised for FY 2023, additional amendments to the fee schedule will be necessary to ensure fees for service reflect the most current approved rates.

4. RECOMMENDATION

Staff recommends that Council introduce Ordinance 2023-19 to amend the FY 2023 fee schedule.

5. FUNDING SOURCE

N/A

6. TIMELINE

Ordinance 2023-19 is being introduced on April 13th. Staff will schedule adoption of the ordinance for the April 27th meeting.

7. OTHER OPTIONS (In order of preference)

Council can amend the amount of fees proposed or any other fee on the fee schedule. Council can take no action to amend Ordinance 2023-19 and leave the fee schedule as it currently is.

8. ATTACHMENTS

14a. Fee Ordinance 2023-19
14b. Exhibit A – FY 2023 Revised Fee Schedule

ORDINANCE NO. 2023-19

AN ORDINANCE AMENDING ORDINANCE NO. 2023-05 ADOPTED ON FEBRUARY 9, 2023 BY CHANGING CERTAIN RATES AND OTHER SERVICES PROVIDED BY THE CITY.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TAYLOR:

SECTION 1.0 That the certain rates and fees for services provided by the city, for the support of the general government of the City of Taylor, Texas be amended in accordance with the changes shown in the attached Exhibit A – FY 2023 Fee Schedule.

SECTION 2.0 That the amendment, as shown in words and figures in Exhibit A, is hereby approved in all aspects and adopted as an amendment to Ordinance No. 2023-05.

SECTION 3.0 All other provisions of Ordinance No. 2023-05 shall remain in full force and effect.

SECTION 4.0 In accordance with Article VIII of the City Charter, Ordinance 2023-19 was introduced before the Taylor City Council on the 13th day of April, 2023.

SECTION 5.0 This Ordinance shall be in full force and effect on April 27, 2023.

PASSED, APPROVED, and **ADOPTED** on the _____ day of April, 2023.

_____
Brandt Rydell, Mayor

ATTEST:

_____
Dianna McLean, City Clerk

APPROVED AS TO FORM:

_____
Ted Hejl, City Attorney

DRAFT

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services
Table of Contents

Department/Function	Page Number
Airport	2
Animal Control	2
Cemetery	3
Fire Department	4
Library Services	10
Miscellaneous Fees and Permits	10
Parks & Recreation	11
Planning and Development Services, Engineering and Contruction	14
Police Department	21
Solid Waste Collection	22
Utilities	26
Municipal Drainage Utility System (MDUS)	28
Transportation User Fees (TUF)	29

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
AIRPORT			
Hanger and Tie Down Rental			
Hangar A	9 Units	$ 276	
A-6 (Airport Equipment)	1 Unit	$ -	
Hangar B	6 Units	$ 184	
Hangar C	12 Units	$ 385	
C-A (Airport Storage)	1 Unit	$ -	
C-B (Building Maintenance)	1 Unit	$ 259	
Hangar D	12 Units	$ 385	
D-A (Fleet Maintenance)	1 Unit	$ 259	
D-B (Building Maintenance)	1 Unit	$ 259	
Hangar E	8 Units	$ 385	
E-1 & E-7	2 Units	$ 465	
E-6 & E-12	2 Units	$ 518	
Hangar F	12 Units	$ 402	
Hangar F-6A	1 Units	$ 259	
Tie Downs	25	$ 65	
New Tie Downs	17	$ 65	
Over Night Tie Downs	4	$ 10	per night if no fuel is purchased
Late Payment fee, if not paid by due date		10%	
Long Term ground lease for hangar construction		as negotiated	
Fuel Sales			
AV Gas LL100		as determined by City Manager	
Jet A		as determined by City Manager	
ANIMAL CONTROL			
Animal Adoption		$ 80	
Annual Animal Registration			
If registration is done by veterinarian , the veterinarian retains $1.50 of the fee and remits remainder to the City. All veterinarian costs incurred are passed on to the owner.			
Dog/Cat - Altered (Spayed or neutered) proof is required		$ 5	Per tag
Dog/Cat - Unaltered (Not spayed or neutered)		$ 25	Per tag
Boarding Fees (on or off-site)		$ 15	Per day
Chicken Permit			
Please refer to City of Taylor, Code of Ordinances, Chapter 4 for definitions and guidelines regarding chickens. The Code of Ordinances is available on the City of Taylor website.		$ 20	

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
Dangerous Dog/Vicious Animal Registration			
Please refer to City of Taylor, Code of Ordinances, Chapter 4 for definitions and procedures regarding dangerous dogs/vicious animals. The Code of Ordinances is available on the City of Taylor website.		$ 50	Per animal, per year
Owner Surrender			
Animal- Animal is heartworm negative, current on vaccinations, altered and deemed adoptable by Animal Control Supervisor.		$ 40	Per occurrence
Animal- Animal is heartworm negative and deemed adoptable by Animal Control Supervisor, however needs vaccinations and/or alteration.		$ 80	Per occurrence
Litters (under 10 weeks of age)		$ 60	
Pet Carrier			
Pet carrier cardboard box		$ 3	Each box
Impound fee			
Live Animal		$ 35	Per occurrence
Live Animal - After Hours		$ 50	Per occurrence
Return Charges:			
Loose animals that are picked up		$ 35	Per occurrence
CEMETERY			
Grave Digging Fees			
Normal Size	Weekdays 9am - 4pm	$ 1,650	
Normal Size	Weekdays after 3:30 pm; Holidays/Weekends	$ 1,800	
Infant or Ashes	Weekdays 9am - 4pm	$ 840	
Infant or Ashes	Weekdays after 3:30 pm; Holidays/Weekends	$ 975	
Oversize	Weekdays 9am - 4pm	$ 1,950	
Oversize	Weekdays after 3:30 pm; Holidays/Weekends	$ 2,100	
Disinterment	Weekdays 9am - 4pm	$ 2,375	
Disinterment	Weekdays after 3:30 pm; Holidays/Weekends	$ 2,720	
Sale of Cemetery Spaces			
Adult		$ 1,450	
Infant/Child or Ashes		$ 715	
Deed Issuance (Filing Fee)		$ 32	
Other Fees			
Location & marking of gravestone		$ 32	
Location & marking of family stone or bench		$ 70	
Transfer of lots/spaces by grantee		$ 45	

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
FIRE DEPARTMENT			
Fire Department Permits/Fees			
False Fire Alarm (residential or commercial after 3rd alarm)	$	50	Per occurrence
Special Events (includes plans review and inspection) (Includes events on public or private property)	$	100	
Outdoor burn in city limits - Approved application permit (see Ordinance 2012-18)	$	50	
Outdoor burn in city limits - Illegal (see Ordinance 2012-18 for penalty)		Fine	
Hydrant Flow Test (Taylor Fire Dept. Conducted)	$	100	
Hydrant Flow Test (Taylor Fire Dept. Witnessed)		No Charge	
Inspections			
Annual Fire Safety Inspection (Commercial Businesses)		No Charge	
Annual Fire Safety Inspection (Commercial Businesses - First and Second Re-Inspection)		No Charge	
Assisted Living Facility Inspection	$	50	
Day Care Facility Inspection	$	50	
Nursing Home Inspection	$	100	
Hospital Inspection	$	100	
Foster/Adoption Home Inspection	$	25	
Mobile/Food Trailer Inspection	$	35	
Following fees to be paid in advance by licensed company who is applying for the permit:			
Plans Review			
Fuel Distribution: Dispenser, Tank or Pipe Installation Plans Review	$	100	
Fuel Distribution: Dispenser, Tank or Pipe Installation inspection / Test	$	50	
First Re-Inspection		No Charge	
Second and Each Subsequent Re-Inspection	$	100	
Fire Suppression System Plans Review	$	300	Per each system
Fire Suppression System Inspection / Test / Acceptance Test < 200 Heads	$	100	
Fire Suppression System Inspection / Test / Acceptance Test > 200 Heads	$	0.50	Per each head
First Re-Inspection		No Charge	
Second and Each Subsequent Re-Inspection	$	200	
Fire Alarm System Plan Review	$	100	Per each system
Fire Alarm System /test/acceptance test	$	50	
First Re-Inspection		No Charge	
Second and Each Subsequent Re-Inspection	$	100	
Kitchen vent hood suppression system plan review	$	100	
Kitchen vent hood suppression system / test /acceptance test	$	50	
First Re-Inspection		No Charge	

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Second and Each Subsequent Re-Inspection	$ 100	
LP tank storage installation plan review	$ 100	
LP tank storage inspection / test / acceptance	$ 50	
First Re-Inspection	No Charge	
Second and Each Subsequent Re-Inspection	$ 100	
Alternative fire suppression systems (spray booths, Dry/Wet Chem., etc.) plan review	$ 100	
Alternative fire suppression systems (spray booths, Dry/Wet Chem., etc.)	$ 50	
Building Plans, Site Plan, or Subdivision Plan Review	$ 100	each
Fire Final Inspection	$ 100	
Certificate of Occupancy Inspection (Existing building with no plans review)	$ 50	

Fines for Negligent or Irresponsible Actions

1 A fine shall be charged for negligent, irresponsible, or otherwise unacceptable and malicious acts.
2 Charges may be filed in Municipal Court by the Taylor Fire Department, and a fine may be assessed.
3 Fines for such acts shall be assessed as follows:
- Misadventure and/or Deliberate Risk taking (each incident) $200 minimum plus Municipal Court Costs, if any.
- Failure to respond to Lawful Warning or Order (each occurrence) $200 minimum plus Municipal Court Costs, if any.
- Injury to Fire Personnel due to deliberate act (each injury) - Any and all medical costs incurred by the employee, rehabilitation costs, loss of income, and any further compensation that may be necessary.
- Damage to Fire Apparatus, equipment or property due to a deliberate act (each item)-The replacement cost of the individual item (see list).
4 Outdoor Burn Fee (illegal) - Any burning that violates the city ordinance or state law not allowing burning thirty minutes before dawn or thirty minutes after dusk (see Ordinance 2012-18 for Penalty).

Note: The following list is not all-inclusive of equipment that may be damaged or contaminated during the course of a response effort.

Following fees may be assessed for Fire/EMS service at which the Taylor Fire Department responded. The same fees may be charged for specialized use - such as but not limited to movie production or stand-by services.

Apparatus

Aerial Apparatus (staffed with at least 2 personnel)	$	600	per truck, per hour
Brush Truck (staffed with at least 2 personnel)	$	325	per truck, per hour
Chief Vehicle (staffed with at least 1 person)	$	150	per hour
Class A Pumper (Type I, II, or similar staffed with at least 2 personnel)	$	450	per truck, per hour
Command Unit (staffed with at least 1 person)	$	150	per hour
Heavy Rescue Truck (staffed with 2 personnel)	$	500	per truck, per hour
Medical Response Vehicle (staffed with 2 personnel)	$	150	per truck, per hour
Rehab (staffed with 1 personnel)	$	75	per hour
Tender Apparatus (staffed with at least 2 personnel)	$	350	per truck, per hour

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Personnel		
Fire Inspectors	$ 35	per hour
Fire Investigators	$ 75	per hour
Firefighter/EMT	$ 35	per hour
Haz-Mat Tech	$ 40	per hour
Incident Commander	$ 75	per hour
Swift Water Team	$ 200	per hour

Equipment and Supplies

Equipment and supplies includes items such as water, foam, tools, hose, fuel, PPE, medical supplies, and any other item that is used or damaged as part of a response. Cost +10%

The following Fire/EMS fees are assessed and may be recovered by a loss recovery contractor as provided in Ordinance 2010-15:

Motor Vehicle Incidents

Level 1- $ 435

Provides hazardous materials assessment and scene stabilization. This will be the most common "billing level". This occurs almost every time the fire department responds to an accident/incident.

Level 2- $ 495

Includes Level 1 services as well as clean up and material used (sorbents) for hazardous fluid clean up and disposal. Billed at this level if the fire department has to clean up any gasoline or other automotive fluids that are spilled as a result of the accident/incident.

Level 3- Car Fire $ 605

Provide scene safety, fire suppression, breathing air, rescue tools, hand tools, hose, tip use, foam, structure protection, and clean up gasoline or other automotive fluids that are spilled as a result of the accident/incident.

Level 4- $ 1,800

Includes Level 1& 2 services as well as extraction (heavy rescue tools, ropes, airbags, cribbing, etc.) Billed at this level if the fire department has to free/remove anyone from the vehicle(s) using any equipment. Will not bill at this level if the patient is simply unconscious and fire department is able to open the door to access the patient. The level is to be billed only if equipment is deployed.

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee
Level 5- Includes Level 1, 2 & 4 services as well as Air Care (multi-engine company response, mutual aid, helicopter). Billed at this level any time a helicopter is utilized to transport the patient(s).	$ 2,200
Level 6- ***Itemized Response:*** The city has the option to bill each incident as an independent event with custom mitigation rates, for each incident using, itemized rates deemed usual, customary and reasonable (UCR). These incidents will be billed, itemized per apparatus, per personnel, plus products and equipment used.	
Hazmat	
Level 1- ***Basic Response:*** Claim will include engine response, first responder assignment, perimeter established, evacuations, set-up and command.	$ 700
Level 2- ***Intermediate Response:*** Claim will include engine response, first responder assignment, hazmat certified team and appropriate equipment, perimeter establishment, evacuations, set-up and command, Level A or B suit donning, breathing air and detection equipment. Set-up and removal of decon center.	$ 2,500
Level 3- ***Advanced Response:*** Claim will include engine response, first responder assignment, hazmat certified team and appropriate equipment, perimeter establishment, evacuations, first responder set-up and command, Level A or B suit donning, breathing air and detection equipment and robot deployment. Set-up and removal of decon center, detection equipment, recovery and identification of material. Disposal and environment clean up. Includes above in addition to any disposal rates of materials and contaminated equipment and material used at scene. Includes 3 hours of on scene time - ***each additional hour @ $300.00/Hazmat team.***	$ 5,900
Pipeline Incidents/Power Line Incidents *Includes, but not limited to : Gas, Sewer, Septic to Sewer, and Water Pipelines	
Level 1- ***Basic Response:*** Claim will include engine response, first responder assignment, perimeter establishment, evacuations, first responder set-up and command. Includes inspection without damage or breakage.	$ 400

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Level 2-	$ 1,000	
Intermediate Responses: Claim will include engine response, first responder assignment, and appropriate equipment, perimeter establishment, evacuations, set-up and command. May include Hazmat team, Level A or B suit donning, breathing air and detection equipment. Supervise and/or assist pipeline repair.		
Level 3- Itemized Claim Charges		
Advanced Response: Claim will include engine response, first responder assignment, and appropriate equipment, perimeter establishment, evacuations, first responder set-up and command. May include Hazmat team, Level A or B suit donning, breathing air and detection equipment. Supervise and/or assist pipeline repair to intermediate to major pipeline damage. May include set-up and removal or decon center, detection, recovery and identification of material. Disposal and environment clean up.		

Fire Investigation

Fire Investigation Team-	$	275	per hour
The claim begins when the Fire Investigator responds to the incident and is billed for logged time only. Includes: Scene Safety, Investigation, Source Identification, K-9/Arson Dog Unit, Identification Equipment, Mobile Detection Unit, and Fire Report.			

Fires

OPTIONAL: A fire department has the option to bill each fire as an independent event with custom mitigation rates. Itemized per person, at various pay levels for itemized products used.

This will be the most common "billing level". This occurs almost every time the fire department responds to an incident:

Assignment-	$	400	per hour, per engine
Includes: Scene Safety, Investigation, Fire/Hazard Control	$	500	per hour, per truck

Water Incidents

Level 1-	$	400	+ $50/hr, per rescue person
Basic Response: Claim will include engine response, first responder assignment, perimeter establishment, evacuations, first responder set-up and command, scene safety and investigation (including possible patient contact, hazard control). This will be the most common "billing level". This occurs almost every time the fire department responds to a water incident.			

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Level 2- ***Intermediate Response*** : includes Level 1 services as well as clean up and material used (sorbents), minor hazardous clean up and disposal. The City will bill at this level if the fire department has to clean up small amounts of gasoline or other fluids that are spilled as a result of the incident.	$ 800	+ $50/hr, per rescue person
Level 3- ***Advanced Response:*** includes Level 1 and Level 2 services as well as D.A.R.T activation, donning breathing apparatus and detection equipment. Setup and removal of decon center, detection equipment, recovery and identification of material. Disposal and environment cleanup. Includes above in addition to any disposal rates of material and contaminated equipment and material used at scene.	$2,000	+ $50 per hour, per rescue person + $100 per hour per Hazmat team member
Level 4- ***Itemized Response:*** The City has the option to bill each incident as an independent event with custom mitigation rates, for each incident using, itemized rates deemed usual, customary, and reasonable (UCR). These incidents will be billed, itemized, per trained rescue person, plus rescue products used.		
Back Country or Special Rescue Minimum: $400 for the first response vehicle + $50/hr per rescue person. Additional Rates: $400/hr per response vehicle and $50/hr per rescue person. ***Itemized Response:*** each incident will be billed with custom mitigation rates deemed usual, customary, and reasonable (UCR). These incidents will be billed, itemized per apparatus per hour, per trained rescue person per hour, plus rescue products used.		
Chief Response: This includes the set-up of Command, and providing direction of the incident. This could include operations, safety, and administration of the incident.	$ 250	per hour
Miscellaneous:		
Engine	$ 400	per hour
Truck	$ 500	per hour
Miscellaneous equipment	$ 300	per hour

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	

Mitigation Rate Notes

The mitigation rates above are average "billing levels", and are typical for the incident responses listed, however, when a claim is submitted, it will be itemized and based on the actual services provided. These average mitigation rates were determined by itemizing costs for typical run (from the time a fire apparatus leaves the station until it returns to the station) and are based on the actual costs, using amortize schedules for apparatus (including useful life, equipment, repairs, and maintenance) and labor rates(an average department's "actual personnel expense" and not just a firefighter's basic wage). The actual personnel expense includes costs such as wages, retirement, benefits, workers comp, insurance, etc.

LIBRARY SERVICES

Library Meeting Room

Should there be damages or cleaning needed, the deposit will NOT be refunded. In addition to the deposit, charges to defray clearing or repairs or loss of equipment will be charged to the responsible group.

Refundable Deposit	$	200	
Individuals/Non Profit	$	50	first two hours
Individuals/Non Profit - Additional Hours	$	25	each additional hour
Business/Commercial	$	100	first two hours
Business/Commercial - Additional Hours	$	50	each additional hour

Library Fees

Library card - Non-resident Individual	$	10	per year
Library card - Non-resident Family	$	25	per year
Library card - Resident		No Charge	
Library card - replacement (1st replacement)	$	2	
Library card - subsequent replacement cards	$	5	
Copies - Black & White	$	0.10	per impression
Copies - Color	$	0.25	per impression
Overdue book	$	0.10	per day; $5 maximum
Lost or damaged book	Cost to replace/repair		
Processing fee for lost or damaged book(s)	$	5	per book, non-refundable
PayPal online processing fee	$	1	

MISCELLANEOUS FEES AND PERMITS

Taxicab

Vehicle permit fee	$	150	per vehicle
Taxicab driver's permit	$	25	per year
Horse drawn carriage permit	$	25	6 months
Non-Motorized (Ex. Pedal Cabs)	$	25	per vehicle

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Street Closures		
Special Events (non-parade, non-filming)	$ 75	
Parade	$ 75	
Processing Fee for Credit Card Payments made in-house or online	$ 3	
Film Production Fees		
Activity:	**Cost per Calendar Day**	
Film Application Fee	$ 25	
Total or disruptive use (regular operating hours) of a public building, park, right-of-way, or public area.	$ 500	
Partial, non-disruptive use of a public building, park, right-of-way, or public	$ 250	
Total closure or obstruction of public street or right-of-way, including parking lots and on-street parking.	$ 50	
Partial closure or obstruction of public street or right-of-way, including parking lots and on-street parking.	$ 25	
Use of City parking lots, parking areas, and City streets (for the purpose of parking film trailers, buses, catering trucks, and other large vehicles.	$ 50	
Filming	$ 250	+min of one police officer & vehicle at rates specified under police Dept. Fees

PARKS AND RECREATION

Public Facility Rental			
Murphy Park:			
Upper Pavilion - Resident (per day)	$	150	+ $100 deposit*
Lower Pavilion - Resident (per day)	$	130	+ $75 deposit*
Upper Pavilion - Non-Resident (per day)	$	185	+ $100 deposit*
Lower Pavilion - Non-Resident (per day)	$	165	+ $75 deposit*
Upper Pavilion - Non-Profit (per day)	$	75	+ $100 deposit*
Lower Pavilion - Non-Profit (per day)	$	65	+ $75 deposit*
* refundable			
Robinson Park: Pavilion (per day)	$	35	
Bull Branch Park: Pavilion (per day)	$	35	
Taylor Regional Park: Pavilion (per day)	$	35	

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Heritage Square: Amphitheater		
half day (less than 4 hours)	$ 125	+ $500 deposit*
full day (4 hours or more)	$ 250	+ $500 deposit*
half day (non-profit rate)	$ 62.50	+ $500 deposit*
full day (non-profit rate)	$ 125	+ $500 deposit*
* refundable		
Heritage Square: Pavilion		
half day (less than 4 hours)	$ 75	+ $300 deposit*
full day (4 hours or more)	$ 150	+ $300 deposit*
half day (non-profit rate)	$ 37.50	+ $300 deposit*
full day (non-profit rate)	$ 75	+ $300 deposit*
* refundable		
Non-profit renter must be able to produce proof of non-profit status.		
Dickey-Givens Community Center		
1/2 Day (6 Hours) - Resident	$ 100	+ $200 deposit*
Whole Day (11 Hours) - Resident	$ 200	+ $200 deposit*
Additional Two Hours Fri/Sat Only - Resident	$ -	
1/2 Day (6 Hours) - Non-Resident	$ 150	+ $300 deposit*
Whole Day (11 Hours) - Non-Resident	$ 250	+ $300 deposit*
Additional Two Hours Fri/Sat Only - Non-Resident	$ 70	
1/2 Day (6 Hours) - Non-Profit	$ 75	+ $200 deposit*
Whole Day (11 Hours) - Non-Profit	$ 125	+ $200 deposit*
Additional Two Hours Fri/Sat Only - Non-Profit	$ -	
* refundable		
Public Property		
Long term rental of space on public property for commercial purposes	As Negotiated	
Recreation Fees		
Swimming Pool Admission: (Doris Roznovak Aquatic Center)		
Children (3 and under)	Free	
Children (4 to 12 years old)	$ 2	
Adults (13 to 59 years old)	$ 3	
Seniors (60 and over)	$ 2	
Family Passes - 30 admissions	$ 45	
Family Passes - 60 admissions	$ 90	

Pool Rental for Parties:

The YMCA will pay the City the regular admission price paid for each person attending parties.

Pool use for daycares and day camps:

The YMCA will pay the City the regular admission price paid for each daycare child or day campers attending the pool.

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
Pool use for YMCA members:			
The YMCA will pay the City appropriate gate fee for each member of the YMCA attending the pool.			
Swim Lessons:			
The YMCA will pay the City $5.00 for each swim lesson participant.			
General Use of Athletic Fields:			
Taylor Regional Park & Sports Complex			
Deposit	$	100	
Hourly Use	$	25	per hour, per field
Hourly Use with lights	$	45	per hour, per field
Practice: per field, per month (2/week@2hrs each)	$	200	
Gate fee	$	10	per participating team
Robinson Ballfield			
Deposit (weekend rental)	$	100	
Maintenance to field outside regular operating hours	$	34	per/hr @ request of renter
Rental Fee w/no lights	$	25	per day
Rental Fee with lights	$	45	per day
Recovery fee (ALL City fields) - All sports included	$	5	per person/per season
Athletic Fields (Taylor Regional Park & Sports Complex Only-Baseball/Softball only)			
Deposit	$	250	Include concession, if applicable
Field attendants (minimum of 2 attendants)	$	17	per attendant, per hour
Lights	$	50	per field
Rentals	$	100	per field, per day
Field Re-drag/Re-chalk	$	25	per field, per drag/chalk
Football and Soccer Fields			
Field Rental	$	150	per field, per day
Lights	$	50	per field
Concession Stand (Taylor Regional Park & Sport Complex)			
Concession Rentals Pay 10% of gross receipts			
Deposit	$	250	
Beverage Use - Cost per bottle calculated by dividing current case price by the number of bottles per case.			
Vendors (Must obtain permission prior to event)			
With Electricity	$	35	per day
No electricity	$	25	per day

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Memorial Field (Stadium)		
Field Rental (Season packages are available)	$ 150	per day
Lights	$ 50	per day

PLANNING AND DEVELOPMENT SERVICES , ENGINEERING AND CONSTRUCTION

All permits submitted through MyGovernmentOnline will be assessed a **$15 Technology Fee**.

Properties located within a Neighborhood Empowerment Zone may be eligible for a 50% reduction in the following fees: Zoning, Platting, Site Plan, Building, Plumbing, Mechanical, Electrical, Gas, Foundation and Roof.

The 50% reduction in fees within the Neighborhood Empowerment Zone ***does not*** apply if it involves work without a permit.

All building permits include two plan reviews. The third and subsequent plan reviews require a separate plan review fee to be paid before each and every subsequent plan review will be conducted.

Building Permits

All permits calculated on a per square foot basis will be charged a Weatherization Fee of:	$	0.005	Per Sq. Ft.

RESIDENTAL - (Fees collected at time of application)

New Residential and Residential Additions including attached car port
(Excludes multi-family greater than four units and mixed use)

Plan Review Fee (Collected at time of application)	$	0.15	Per Sq. Ft.
Permit Fee (Collected upon permit approval) (Includes Building, Electrical, Plumbing, and Mechanical - $0.25 per sq. ft. each)	$	1.00	Per Sq. Ft.

Residential Accessory structure 200 sq.ft. and greater

Plan Review Fee (Collected at time of application)	$	0.15	Per Sq. Ft. or $75 whichever is greater
Permit Fee (Collected upon permit approval) (Includes Building, Electrical, Plumbing, and Mechanical - $0.25 per sq. ft. each)	$	1.00	Per Sq. Ft.

The permit fee includes intial inpsections and one re-inspection. **Each re-inspection required after the first re-inspection will be charged an inspection fee of $55.**

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
Residential Remodel			
(Excludes multi-family greater than four units and mixed use)			
Plan Review Fee (Collected at time of application)	$	75	
Permit Fee (Collected upon permit approval)	$	1.00	Per Sq. Ft.
(Includes Building, Electrical, Plumbing, and Mechanical - $0.25 per sq. ft. each)			
The permit fee includes initial inspections and one re-inspection. Each re-inspection required after the first re-inspection will be charged an inspection fee of **$55.**			
Residential Manufactured Home			
Plan Review Fee (Collected at time of application)	$	75	
Permit Fee (Collected upon permit approval)	$	0.50	Per Sq. Ft.
(Includes Building, Electrical, Plumbing, and Mechanical - $0.125 per sq. ft. each)			
The permit fee includes initial inspections and one re-inspection. Each re-inspection required after the first re-inspection will be charged an inspection fee of **$55.**			
Manufactured Home Park			
Manufactured Home Park - additions or alterations to spaces	$	25	per space
Manufactured Home Park - original permit application	$	400	
Manufactured Home Park License (Annual Fee - 10 spaces or less)	$	250	
Manufactured Home Park License (Annual Fee - greater than 10 spaces)	$	500	
COMMERCIAL - (Fees collected at time of application)			
New Commercial and Commercial Additions			
(Includes multi-family greater than four units and mixed use)			
Plan Review Fee (Collected at time of application)	$	0.15	Per Sq. Ft.
Permit Fee (Collected upon permit approval)	$	1.00	Per Sq. Ft.
(Includes Building, Electrical, Plumbing, and Mechanical - $0.25 per sq. ft. each)			
The permit fee includes initial inspections and one re-inspection. Each re-inspection required after the first re-inspection will be charged an inspection fee of **$75.**			

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
New Commercial - Shell Building			
Plan Review Fee (Collected at time of application)	$	0.15	Per Sq. Ft.
Permit Fee (Collected upon permit approval) (Includes Building, Electrical, Plumbing, and Mechanical - $0.20 per sq. ft. each)	$	0.80	Per Sq. Ft.
The permit fee includes initial inspections and one re-inspection. Each re-inspection required after the first re-inspection will be charged an inspection fee of **$75.**			
Commercial - Tenant Finish Out			
Plan Review Fee (Collected at time of application)	$	0.15	Per Sq. Ft.
Permit Fee (Collected upon permit approval) (Includes Building, Electrical, Plumbing, and Mechanical - $0.20 per sq. ft. each)	$	0.80	Per Sq. Ft.
The permit fee includes initial inspections and one re-inspection. Each re-inspection required after the first re-inspection will be charged an inspection fee of **$75.**			
Commercial Remodel (Includes multi-family greater than four units and mixed use)			
Plan Review Fee (Collected at time of application)	$	0.15	Per Sq. Ft.
Permit Fee (Collected upon permit approval) (Includes Building, Electrical, Plumbing, and Mechanical - $0.25 per sq. ft. each)	$	1.00	Per Sq. Ft.
The permit fee includes initial inspections and one re-inspection. Each re-inspection required after the first re-inspection will be charged an inspection fee of **$75**.			
Commercial Accessory Structure - 120 sq ft and greater	$	95	Review Fee
	$	0.60	Per Sq. Ft. + Plan Review Fee & Inspection Fee
Cell Towers	$	500	Plan Review Fee + Inspection Fee
Electrical Permits			
Stand Alone	$	40	+ Inspection Fees
Solar Panels	$	145	+ Inspection Fees

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Mechanical Permits		
Residential Change Out	$ 50	+ Inspection Fees
Commercial Change Out	$ 75	+ Inspection Fees
Stand Alone	$ 40	+ Inspection Fees
Plumbing Permits		
Stand Alone	$ 40	+ Inspection Fees
Lawn Irrigation System	$ 70	+ Inspection Fees
Sign Permits - (Fees collected at time of application)		
Banner (Non-profit, faith-based, governmental, and service clubs are exempt from paying the fee.)	$ 25	
New Sign or Sign Re-Facing	$ 75	application fee
Freestanding Signs over 8 ft Tall	$ 180	
Internally Illuminated Signs	$ 180	
Sandwich board/A-frame signs in Downtown sign area	No Charge	review for size and placement standards only
Sign Re-Inspection Fee for Each Reinspection After the First Inspection	$ 55	
Miscellaneous Permits - (Fees collected at time of application)		
Car Port (non conforming) Special Use Permit required		
Certificate of Occupancy - Commercial (Includes Customer Service Inspection -	$ 80	+ Inspection Fees
Customer Service Inspection (CSI) - Residential	$ 80	
Demolition	$ 25	+ Inspection Fees
Driveway Approach	$ 40	+ Inspection Fees
Fence (Over 6 feet tall)	$ 75	Application fee
Foundation Leveling and Repair	$ 40	+ Inspection Fees
Mobile Food Vendors and Food Courts	$ 150	+ Inspection Fees
Peddler & Solicitor	$ 60	for each application plus $50 for each person. Permit valid for 6 months.
Pool (above ground)	$ 50	+ Inspection Fees + $75 Plan Review Fee
Pool (in ground)	$ 100	+ Inspection Fees + $75 Plan Review Fee
Porch, Patio or Deck	$ 40	+ Inspection Fees + $75 Plan Review Fee
Work in the City Right-of-Way (no engineering review)	$ 50	+ Inspection Fees
Work in the City Right-of-Way (with engineering review)	$ 50	+ 1% of project cost + engineering inspection fees
Roof Permit	$ 40	Inspection Fee & Plan Review fee, if required
Streamlined Site Development Plan	$ 100	

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Tree Removal Permit	$ 60	+ Inspection Fees
Inspection Fees		
Initial Inspection (Residential)	$ 55	
Each Re-inspection (Residential)	$ 55	
Initial Inspection (Commercial)	$ 75	
Each Re-inspection (Commercial)	$ 75	
Medical gas inspections/re-inspections	$ 250	
Engineering inspections	3%	of project cost
Emergency Commercial Inspection	$ 125	
Emergency Residential Inspection	$ 95	
Fees for Work Without a Permit		
Work without a permit - First Offense	Double the permit fee	
Work without a permit - Second and Subsequent Offenses filed in Municipal Court	Triple the permit fee & citation	
Expedited Plan Review		
Expedited Residential Plan Review (subject to capacity)	$ 125	per hour
Expedited Commercial Plan Review (subject to capacity)	$ 200	per hour
Planning, Zoning, Subdivision, Site Development		
All planning fees are collected at time of application submission except for inspection fees		
Annexation		
Voluntary Annexation (with notice)	$ 500	application fee + notices
Voluntary Annexation (without notice)	$ 500	application fee + notices
Disannexation or ETJ Release	$ 500	application fee + attorney fees
Agreements/Petitions		
Development Agreement	$ 2,000	application fee + attorney fees + Professional Services Recovery fee
Development Agreement Amendment	$ 500	application fee + attorney fees + Professional Services Recovery fee
Special District Petition (MUD, PID, etc)	$ 2,000	application fee + attorney fees + Professional Services Recovery fee

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Comprehensive Plan		
Comprehensive Plan Amendment	$ 500	application fee + notices + Professional Services Recovery fee if required
Zoning		
Re-zoning	$ 350	application fee + notices
Specific Use Permit	$ 350	application fee + notices
Planned Development Initial Submittal	$ 1,000	application fee + urban design consultant Professional Services Recovery Fee if required
Planned Development Re-Submittal	$ 500	Application fee for each re-submittal + urban design consultant Professional Services Recovery Fee if required
Planned Development Amendment	$ 500	application fee + urban design consultant Professional Services Recovery Fee, + notices
Appeals	$ 250	application fee + notices
Variance	$ 250	application fee + notices
Special Exceptions	$ 250	application fee + notices
Zoning Verification Letter	$ 50	
Site Development Plan		
Site Plan Initial Submittal	$ 500	application fee + $0.05 per sq. ft. of impervious cover
Site Plan Re-Submittal	$ 500	application fee for each re-submittal
Site Development Inspection Fee	$ 0.05	per sq. ft. of impervious cover paid at plan approval

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Flood Plain Development Permit		
Flood Plain Development Permit Initial Submittal	$ 500	application fee
Flood Plain Development Permit Re-Submittal	$ 500	application fee for each re-submittal
Subdivision		
Final Plats (includes Amended Plats and Re-Plats)		
Final Plat from Preliminary Plat Initial Submittal	$ 1,000	application fee + $30 per lot
All other Final Plats Initial Submittal	$ 500	application fee
Final Plat Re-Submittal	$ 300	review fee for each re-submittal
Preliminary Plats		
Preliminary Plat Initial Submittal	$ 1,000	application fee + $35 per lot + urban design consultant Professional Services Recovery Fee if required
Preliminary Plat Re-Submittal	$ 500	application fee for each re-submittal + urban design consultant Professional Services Recovery Fee if required
Subdivision Improvement Plans (Construction Plans)		
Improvement Plans Initial Submittal	$ 1,000	application fee + 1% of improvement cost
Improvement Plans Re-Submittal	$ 500	review fee for each re-submittal
Improvements Inspection Fee	3%	of improvements cost paid at plan approval
Subdivision Variance	$ 250	application fee + notices
Plat Certification	$ 50	
Miscellaneous Fees		
Recording Fees (all application types)	Set by Williamson County - paid by applica	
Mailed Notices (all application types)	$ 5	per notice
Pipeline Permit	$ 2,500	+ Annual Fee ($3 per rod within right-of-way)

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	

Professional services recovery fee: If an outside consultant for the city is required for an applicant's project, the applicant is required to pay the estimated fee for such service prior to such service being conducted and shall pay or receive a refund for the difference between the estimated fee and the actual fee within thirty (30) days of the city's receipt of an invoice from the outside consultant for the services rendered. The city may require that additional fees be deposited when the original fee is exhausted or is projected to be exhausted. In such event, the city shall prepare an estimate of the additional fees for the outside consultant and send the applicant written notice of the additional fees that must be deposited, accompanied by the estimate. The applicant shall pay the estimated additional fee deposit within fifteen (15) days of date of the notice.

IMPACT FEES

Roadway Impact Fees

Refer to the separate ordinance that sets roadway impact fees.

Sidewalks

Cash-in-Lieu Fee	$	10	per Sq Ft

Right-of-way License

Original License	$	350	

Water and Wastewater Impact Fees

Refer to the separate ordinance that sets water and wastewater impact fees.

Tap Fees

Water Taps			
1"	$	1,513	per tap
1½"	$	1,909	per tap
2"	$	2,122	per tap
Sewer Taps			
4"	$	1,473.82	per tap
6"	$	1,640.27	per tap

Meter Fees

The Meter fees are pass through costs and these prices are subject to change.

Standard residential water meter	$	275	
Non standard meters vary in price. Please contact the Permit Technician for the cost of a non standard meter.	Price on request		

POLICE DEPARTMENT

Accident Report	$	6	Per report
Certified Copy of Report	$	8	Per Report
Dispatching fee for other jurisdiction -			
By contract as negotiated by City Manager and approved by City Council			
Fingerprinting Service	$	10	Per set

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
Police Report	$	0.10	Per Page, After 50 Pages
DVD's	$	3.00	
CD's	$	1.00	

Body Worn Camera Recordings

Fees are pursuant to Government Code 1701.661

(1) $10.00 per recording responsive to the request for information; and

(2) $1.00 per full minute of body worn camera video or audio footage responsive to the request for information, if identical information has not already been obtained by a member of the public in respons to a request for information

Security Requests			
Police unit (vehicle)	$	25	Per hour
Security fee for off-duty police officer (3 hours/officer minimum)	$	60	Per hour
Supervisor required when 4 or more officers are requested	$	80	Per hour
Emergency request received within 24 hours of scheduled start time	$	70	Per hour
Traffic only	$	60	Per hour

SOLID WASTE COLLECTION

Collected by City on monthly utility bill. Pick up once per week.

Residential

Fees calculated at **Base Fee/month** + **Franchise Fee (10%)** + **Sales Tax(8.25%)**

Container Size:			
Single 96 gallon cart	$	12.87	Base Fee/month
Each additional cart	$	4.19	Base Fee/month
Curbside Recycling (pickup every other week):			
Single 96 gallon cart	$	3.47	Base Fee/month
Each additional cart	$	3.47	Base Fee/month
Multi-Family Resident - Single User	$	7.50	Base Fee/month
Multi-Family Resident - Multiple Users	$	17.06	Base Fee/month

Customer requesting a one time additional waste/bulk item(s) collection (in additional to normal service) will be advised of a one-time additional charge prior to the scheduling of the additional pickup. Pricing determined by service provider.

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
Commercial Trash Service			
Fees calculated at **Base Fee/month** + **Franchise Fee (10%)** + **Sales Tax (8.25%)**			
Container Size:			
96 Gallon Cart (additional pick up is $25):			
One X Per week pick up	$	20.22	Base Fee/month
Two X s Per week pick up	$	28.95	Base Fee/month
Three X s Per week pick up	$	35.28	Base Fee/month
Four X s Per week pick up	$	44.12	Base Fee/month
Five X s Per week pick up	$	54.69	Base Fee/month
2 Cubic Yards (additional pick up is $25):			
One X Per week pick up	$	55.99	Base Fee/month
Two X s Per week pick up	$	92.71	Base Fee/month
Three X s Per week pick up	$	114.74	Base Fee/month
3 Cubic Yards (additional pick up is $35):			
One X Per week pick up	$	73.28	Base Fee/month
Two X s Per week pick up	$	127.48	Base Fee/month
Three X s Per week pick up	$	181.53	Base Fee/month
Four X s Per week pick up	$	213.59	Base Fee/month
Five X s Per week pick up	$	264.79	Base Fee/month
4 Cubic Yards (additional pick up is $45):			
One X Per week pick up	$	92.71	Base Fee/month
Two X s Per week pick up	$	162.21	Base Fee/month
Three X s Per week pick up	$	234.69	Base Fee/month
Four X s Per week pick up	$	282.43	Base Fee/month
Five X s Per week pick up	$	366.81	Base Fee/month
6 Cubic Yards (additional pick up is $55):			
One X Per week pick up	$	115.88	Base Fee/month
Two X s Per week pick up	$	191.27	Base Fee/month
Three X s Per week pick up	$	283.90	Base Fee/month
Four X s Per week pick up	$	319.51	Base Fee/month
Five X s Per week pick up	$	390.11	Base Fee/month
8 Cubic Yards (additional pick up is $65):			
One X Per week pick up	$	141.00	Base Fee/month
Two X s Per week pick up	$	233.67	Base Fee/month
Three X s Per week pick up	$	328.31	Base Fee/month
Four X s Per week pick up	$	404.23	Base Fee/month
Five X s Per week pick up	$	510.12	Base Fee/month
10 Cubic Yards (additional pick up is $75):			
One X Per week pick up	$	171.88	Base Fee/month
Two X s Per week pick up	$	270.39	Base Fee/month

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Three X s Per week pick up	$ 374.66	Base Fee/month
Four X s Per week pick up	$ 484.73	Base Fee/month
Five X s Per week pick up	$ 639.25	Base Fee/month
Commercial Recycling Service		
Fees calculated at **Base Fee/month** + **Franchise Fee (10%)** + **Sales Tax (8.25%)**		
Container Size:		
96 Gallon Cart (additional pick up is $25):		
One X Per week pick up	$ 18.19	Base Fee/month
Two X s Per week pick up	$ 26.06	Base Fee/month
Three X s Per week pick up	$ 31.75	Base Fee/month
2 Cubic Yards (additional pick up is $25):		
One X Per week pick up	$ 50.39	Base Fee/month
Two X s Per week pick up	$ 83.44	Base Fee/month
Three X s Per week pick up	$ 103.27	Base Fee/month
3 Cubic Yards (additional pick up is $35):		
One X Per week pick up	$ 65.95	Base Fee/month
Two X s Per week pick up	$ 114.72	Base Fee/month
Three X s Per week pick up	$ 163.38	Base Fee/month
4 Cubic Yards (additional pick up is $45):		
One X Per week pick up	$ 83.44	Base Fee/month
Two X s Per week pick up	$ 145.99	Base Fee/month
Three X s Per week pick up	$ 211.22	Base Fee/month
6 Cubic Yards (additional pick up is $55):		
One X Per week pick up	$ 104.28	Base Fee/month
Two X s Per week pick up	$ 172.14	Base Fee/month
Three X s Per week pick up	$ 255.52	Base Fee/month
8 Cubic Yards (additional pick up is $65):		
One X Per week pick up	$ 126.90	Base Fee/month
Two X s Per week pick up	$ 210.30	Base Fee/month
Three X s Per week pick up	$ 295.48	Base Fee/month
10 Cubic Yards (additional pick up is $75):		
One X Per week pick up	$ 154.69	Base Fee/month
Two X s Per week pick up	$ 243.35	Base Fee/month
Three X s Per week pick up	$ 337.19	Base Fee/month

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

		FY 2023 Monthly Fee	
Roll Offs - include the following: (Delivery Charge + Daily Rental + Haul Cost)			
Delivery Charge:			
*Delivery Charge is calculated at **Fee per delivery** + **Franchise Fee (10%)** + **Sales Tax (8.25%)**			
20 yd Roll-Off	$	134.98	Fee per delivery
30 yd Roll-Off	$	134.98	Fee per delivery
40 yd Roll-Off	$	134.98	Fee per delivery
Daily rental:			
*Daily Rental is calculated at **Rate/day** + **Franchise Fee (10%)** + **Sales Tax (8.25%)**			
20 yd Roll-Off	$	2.08	Rate/day
30 yd Roll-Off	$	2.08	Rate/day
40 yd Roll-Off	$	2.08	Rate/day
Haul cost:			
*Haul Cost is calculated at **Cost per haul** + **Franchise fee (10%)** + **Sales Tax (8.25%)**			
20 yd Roll-Off	$	415.32	Cost per haul
30 yd Roll-Off	$	498.38	Cost per haul
40 yd Roll-Off	$	581.44	Cost per haul
Roll Offs of Clean, Separated Recycle Material - include the following: (Delivery Charge + Daily Rental + Haul Cost)			
Delivery Charge:			
*Delivery Charge is calculated at **Fee per delivery** + **Franchise Fee (10%)** + **Sales Tax (8.25%)**			
20 yd Roll-Off	$	130.54	Fee per delivery
30 yd Roll-Off	$	130.54	Fee per delivery
40 yd Roll-Off	$	130.54	Fee per delivery
Daily rental:			
*Daily Rental is calculated at **Rate/day** + **Franchise Fee (10%)** + **Sales Tax (8.25%)**			
20 yd Roll-Off	$	2.02	Rate/day
30 yd Roll-Off	$	2.02	Rate/day
40 yd Roll-Off	$	2.02	Rate/day
Haul cost:			
*Haul Cost is calculated at **Cost per haul** + **Franchise fee (10%)** + **Sales Tax (8.25%)**			
20 yd Roll-Off	$	339.14	Cost per haul
30 yd Roll-Off	$	339.14	Cost per haul
40 yd Roll-Off	$	339.14	Cost per haul
One time collection of Bulky wastes on call for 2 cu yd, 3 cu yd, 4 cu yd, 6 cu yd, 8 cu yd or 10 Cubic yards			
Delivery Charge	$	77.60	Fee/delivery
Daily Rental	$	4.65	Rate/day
Haul cost	$	77.60	Cost per haul

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee
Industrial Solid Waste Collection Services - collected by service provider	
Spring and Fall cleanup	
Per Standard pick-up truck load	$ 10
Trailer (16' to 18')	$ 20
Assessments	
Lot clean up	Actual cost + 10% admin fee
Paving assessment	n/a
Lien Fees	
Filing of Lien with Williamson County	Per current County rate
Release of Lien with Williamson County	Per current County rate
Waste Hauling	
Refer to the separate ordinance that sets the fees for waste hauling.	
Discharge fee	$ 0.10 per gallon ($100 per 1,000 gallons)
Industrial Discharge	
Refer to the separate ordinance that sets the fees for industrial discharge.	

UTILITIES

Deposits for all single family, commercial, industrial, irrigation accounts per connection.

*Deposits waived on additional connections to those customers that have a current City of Taylor utility account with good payment history during the last five years. Good payment history is no disconnections for non-payment and no outstanding balances.

Meter Size	Avg. Gallons consumption/month**	Deposit Amount
5/8" x 3/4"	<10,000	$ 121
3/4"	<10,000	$ 145
1"	<10,000	$ 157
1½"	<15,000	$ 212
2"	<15,000	$ 273
3"	<15,000	$ 332
4"	<25,000	$ 515
6"	<25,000	$ 757
8"	<50,000	$ 1,241
10"	<75,000	$ 1,846
12"	<150,000	$ 3,056

**If average monthly consumption is found to be in excess of minimum, customer may be assessed additional deposit as determined by the City Manager.

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee

Deposits for all multi-family dwelling accounts per connection.

*Deposits waived on additional connections to those customers that have a current City of Taylor utility account with good payment history during the last five years. Good payment history is no disconnections for non-payment and no outstanding balances.

Meter Size	Avg. Gallons consumption/month**	Deposit Amount calculated as follows:
5/8" x 3/4"	<10,000	$121 +(((# units -1) x 0.7)x$100)
3/4"	<10,000	$145+(((# units -1) x 0.7)x$100)
1"	<10,000	$157 +(((# units -1) x 0.7)x$100)
1½"	<15,000	$212 +(((# units -1) x 0.7)x$100)
2"	<15,000	$273 +(((# units -1) x 0.7)x$100)
3"	<15,000	$332 +(((# units -1) x 0.7)x$100)
4"	<25,000	$515 +(((# units -1) x 0.7)x$100)

**If average monthly consumption is found to be in excess of minimum, customer may be assessed additional deposit as determined by the City Manager.

Backflow Prevention

Initial Permit	$	31

Water Rates

Rates for all single family, commercial, industrial and irrigation accounts per connection.

Total monthly charges include the minimum base rate plus block rate structure for single family, commercial, and

Base Rate

Meter Size	Monthly Minimum Charge	
5/8" x 3/4"	$ 39.03	
1"	$ 65.19	
1½"	$ 97.54	
2"	$ 156.11	
3"	$ 312.25	
4"	$ 487.86	
6"	$ 976.88	
Living Unit Equivalent (LUE)	$ 16.53	for each LUE

Residential:

Block 1	per kgals.	(0-2,000 gallons)	$ 3.97	
Block 2	per kgals.	(2001-5,000 gallons)	$ 4.37	
Block 3	per kgals.	(5,001-9,000 gallons)	$ 4.74	
Block 4	per kgals.	(above-9,000 gallons)	$ 5.54	

Non-Residential:

Block 1	per kgals.	(0-15,000 gallons)	$ 5.36	
Block 2	per kgals.	(15,001-45,000 gallons)	$ 5.90	
Block 3	per kgals.	(45,001-120,000 gallons)	$ 6.49	
Block 4	per kgals.	(above-120,000 gallons)	$ 6.96	
Irrigation:	All usage (minimum 1,000 gallons)		$ 8.38	per 1,000 gallons

Exhibit A **Ordinance 2023-19**

City of Taylor - FY 2023 Fee Schedule for City Services

	FY 2023 Monthly Fee	
Bulk Water Rate	$ 7.47	per 1,000 gallons

Sewer Rates

Rates for all Single Family Dwelling accounts per connection.

Total "charge" includes monthly minimum **plus $7.57** per 1,000 gallons .

For residential customers, the City bases monthly wastewater charges on the average water consumption for November, December, January, and February. The three lowest consumptions are averaged. This average is used to calculate your wastewater charge for the entire year. An account must be active the entire four months to establish an average. All new accounts will be charged the citywide average until the account has established its own winter average.

Meter Size	Monthly Minimum Charge
All meter sizes (5/8" x 3/4", 1", 1½", 2", 3", 4", 6")	$ 34.27

Rates for all multi- family dwelling, commercial and industrial accounts per connection.

Total monthly charge includes monthly minimum plus **$7.57** per 1,000 gallons.

Meter Size	Monthly Minimum Charge
All meter sizes (5/8" x 3/4", 1", 1½", 2", 3", 4", 6")	$ 34.27

Additional Utility Service Fees:

Administrative/Processing Fee	$ 31
After Hours Connection Fee	$ 61
Connect Fees	$ 31
Fire Hydrant Meter-Base Fee (no consumption included)	$ 121
Fire Hydrant Meter-Deposit	$ 726
Late Fee (Applied to balance of account if not paid by due date indicated on bill)	10%
Lock Fee	$ 31
Meter Flow Test-In-House	$ 48
Plugged/Pulled Meter Fee	$ 91
Reconnect Fee	$ 31
Reread Fees	$ 24
Return Check & NSF Electronic Draft Fees	$ 36
Return Trip Fee	$ 24
Third Party Meter Flow Test-Commercial	$ 212
Third Party Meter Flow Test-Residential	$ 116
Transfer Fee	$ 24
Unauthorized Usage Fee (customer turns water back on to avoid the after charge)	$ 91

Municipal Drainage Utility System

Equivalent Residential Unit (ERU)	Monthly Rate	
Residential (includes multi-family) = 1 ERU/Unit	$ 3	Per ERU
Non-residential = $3.00 per 2,500 sq ft of impervious area	$ 3	minimum fee

Transportation User Fee

TRIP FACTOR INDEX

Category	Units	Trip Factor	SubCategories
Building Materials	1,000 SF	4.49	Building Materials and Lumber Store, Hardware/Paint Store, Nursery
Convenience Market	1,000 SF	34.57	Convenience Market (no gas pumps), Convenience Market with Gas Pumps, Gasoline/Service Station
Medical Office	1,000 SF	3.57	Medical-Dental Office Building, Clinic, Veterinary Hospital/Veterinary Clinic
Restaurant	1,000 SF	11.15	Restaurant, Drinking Place
Fast Food	1,000 SF	26.15	Fast Food Restaurant w/out Drive-Thru Window, Fast Food Restaurant with Drive-Thru Window, Donut Place w/out Drive-Thru Window, Donut Place with Drive-Thru Window
Hospital/Nursing Home	1,000 SF	0.74	Hospital, Nursing Home
Indoor Recreation	1,000 SF	3.53	Bowling Alley, Movie Theater, Health Fitness Club
Lodging	Rooms	0.47	Hotel, Motel
Business Office	1,000 SF	1.29	General Office Building, Single Tenant Office Building, United States Post Office, Research and Development Center, Business Park
Bank	1,000 SF	12.13	Walk-In Bank, Drive-In Bank
Salon	1,000 SF	1.93	Hair Salon
General Retail	1,000 SF	3.71	Shopping Center, Apparel Store, Arts and Craft Store, DVD/Video Rental
Auto Part/Service/Wash	1,000 SF	4.46	Quick Lubrication Vehicle Shop, Self Service Car Wash, Automated Car Wash, Automobile Parts Sales, Automobile Parts and Service
Large School/Day Care	students	0.2	All schools w/greater than 50 students
Day Care	1,000 SF	12.46	Daycare Center (less than 50 students)
Supermarket/Pharmacy	1,000 SF	8.4	Supermarket, Pharmacy/Drugstore
Prison	1,000 SF	2.91	Prison
Superstore	1,000 SF	4.35	Free-Standing Discount Superstore
Outdoor Recreation	acres/campsites	0.3	Campground/RV Park, Golf Course, Arena
Car Sales	1,000 SF	2.62	New Car Sales
Warehousing	1,000 SF	0.32	Warehousing
Industrial	1,000 SF	0.73	General Light Industrial, General Heavy Industrial, Manufacturing, Utilities

TRANSPORTATION USER FEE SCHEDULE

	Monthly Base Trip Rate	Monthly Charge
Nonresidential Tiers		
Tier I*	0-8.99	$25.00
Tier II	9.00-13.65	$33.00
Tier III	13.66-27.30	$50.00
Tier IV	27.31-53.99	$67.00
Tier V	54.00-102.00	$84.00
Tier VI	102.01+	$133.00
Residential		
Single Family	flat rate	$8.00
Multi-Family	flat rate	$8.00

*All churches will be placed in Tier I

Calculation: Trip factor times square foot divided by 1,000 square foot=rate

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR	
☒	Streets/Infrastructure
☐	Quality of Life
☐	Economic Vitality

Agenda Item #: 15

Agenda Title: **Consider approving award for the Request for Qualifications (RFQ) for programing, planning, design, and construction administration for the new City Hall/Justice Center and authorize City Manager to negotiate a contract with selected firm.**

Council Action to be taken: Award RFQ and authorize City Manager to negotiate agreement.

Department Submitted: City Management

Staff Contact: Jeff Jenkins, Deputy City Manager

1. PURPOSE/DESCRIPTION

The purpose of this agenda item is to consider awarding an RFQ to Randall Scott Architects Inc. and authorize the City Manager to negotiate an agreement with this firm.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The City of Taylor continues to grow and with managing this growth, the city needs to ensure we provide adequate space to conduct daily operations for the Police Department, Municipal Court and City Administration. To address the need for new space and upgrading facilities, an RFQ was issued to select a firm to assist with programming, planning, design, and construction of a new City Hall/Justice Center, which would provide for a base of operations for Municipal Court, Police and City Hall Departments.

Fourteen firms submitted for the RFQ, and two rounds of reviews were conducted by the committee. The committee consisted of six staff members and one Council member. Interviews were conducted in the first round, which consisted of six firm selected to interview. At the second round a further review of references, projects and further discussion was conducted focusing on three of the firms.

At the end of the discussion, the committee recommended to select Randall Scott Architects. Overall, the committee felt they had a lot of years of experience building this type of facility, good references, great examples from other projects, provided information that would make the building unique to Taylor and gave an overall great presentation that provided more details on various aspects of the project.

Randall Scott, the firms Founding Principal, and Dan Brantner, Project Manager, will be at the meeting to provide a brief overview of their firm and answer any questions.

3. PROS and CONS

PROS	CONS
• Experienced firm to assist with design services.	• NA

4. RECOMMENDATION

Staff recommends awarding the RFQ to Randall Scott Architects Inc. and authorize the City Manger to negotiate an agreement.

5. FUNDING SOURCE

Certificate of Obligation funding.

6. TIMELINE

Negotiate agreement.
Begin design services after agreement reached. Estimated it will take 9-10 months for the programming/design phase.

7. OTHER OPTIONS (In order of preference)

NA

8. ATTACHMENTS

15a. PowerPoint from Randall Scott Architects

City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR	
☐	Streets/Infrastructure
☐	Quality of Life
☒	Economic Vitality

Agenda Item #: 16

Agenda Title: **Consider Second Amendment to Chapter 380 Development Agreement with Lone Star Circle of Care and authorize City Manager to execute the agreement.**

Council Action to be taken: Approve Second Amendment to agreement.

Department Submitted: City Management

Staff Contact: Jeff Jenkins, Deputy City Manager

1. PURPOSE/DESCRIPTION

The purpose of this agenda item is to amend the 380 Agreement with Lone Star Circle of Care. The only update will be to Attachment A of the agreement.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The West End Elementary School was built in the 1920s and was used as a school until 1983. The city acquired the site back in 1992, when Taylor ISD deeded it to the city in return for the city's closure of 800 block of North Fowzer and 700 block of Hackberry Street. The main goal for the city has been to find someone that could revitalize the building.
The City of Taylor and Lone Star Circle of Care (LSCC) signed a 380 agreement, which was the partnership needed to begin the process for revitalizing the building. In the 380 agreement, the City conveyed the West End Building and some land off Doak Street for a community garden to Lonestar Circle of Care. In exchange, Lone Star Circle of Care agreed to revitalize the building and to execute Project Headwaters.

On February 23, 2022, a grand opening and ribbon cutting ceremony was held at the clinic located on 1301 West 4th Street. The clinic's been in operation over the past year and has been providing medical services Monday through Friday 8 am- 5 pm.

In the 380 agreement there is an Attachment A, which details the milestones and Lone Star Circle of Care obligations. These milestones contain specific dates when certain steps of the overall project need to be completed. One of the milestones and points within the agreement has been requested to be modified.

The portion requested to be modified involves the creation of the community garden, which in the milestones document was listed to be completed June 2023. Lone Star Circle of Care has asked for this milestone to be removed from the agreement to complete the community garden and to give back the land to the city that was to be the community garden. Some of the main factors for this reason includes, but not limited to the following:

- Greater amount of infrastructure development than anticipated.
- Water, and irrigation meter setup and other related exceeded $167,500 without additional fees for rock excavation and other contractor's fees
- Other activities such as adding sheds or greenhouses, developing soil and running power to the site projected over $500k without operation expenses
- At the Taylor West End School site, LSCC did go over their capital budget due to challenges with renovating an older building along with supply chain issues.

In summary, the cost to do this overall project has made it cost prohibitive to complete the garden portion of the project and this is why its being requested to amend the agreement.

The Second Amendment Terms have been drafted to remove the obligation by LSCC regarding the Garden lots and LSCC will reconvey to the city the Garden Lots and release the utility easement to the property.

3. PROS and CONS

PROS	CONS
• Working with strategic partner • Possibility with using the land for some other type of use	• NA

4. RECOMMENDATION

Staff recommendation is to approve the Second Amendment to Chapter 380 Development Agreement with Lone Star Circle of Care and authorize City Manager to execute the agreement.

5. FUNDING SOURCE

NA .

6. TIMELINE

Approval of the Second Amendment at 4/13/23 Council Meeting.
.

7. OTHER OPTIONS (In order of preference)

- Modify Second Amendment
- Do not approve Second Amendment

8. ATTACHMENTS

16a. PowerPoint
16b. Second Amendment to Chapter 380 with Lone Star Circle of Care
16c. Original 380 Agreement LSCC
16d. First Amendment to Chapter 380 with Lone Star Circle of Care
16e. WCAD Map of the Area

Consider Second Amendment to Chapter 380 Development Agreement with Lone Star Circle of Care

04/13/2023 City Council meeting

Current Status

- City and Lone Star Circle of Care (LSCC) signed a 380 Agreement back March 2020
- Agreement conveyed West End Building and land off Doak Street to LSCC
- Lone Star Circle of Care completed revitalization of West End Building and held grand opening on February 23,2022.
- Facility been in operation for more than a year

Request to Amend 380 Agreement

- LSCC requests to modify 380 agreement
- Remove obligation for LSCC regarding the garden lots and to reconvey back to the City and release the utility easement to the property
  - Reasons: Costly to run all the utilizes than originally projected
- Staff recommends to approve the Second Amendment to the 380 Agreement and authorize the City Manger to execute the agreement


540 ft
W Martin Luther King Jr Blv
S Doak St
W Pecan St
Maple St
Dickey St

Questions

SECOND AMENDMENT TO CHAPTER 380
ECONOMIC DEVELOPMENT AGREEMENT

THIS SECOND AMENDMENT TO CHAPTER 380 ECONOMIC DEVELOPMENT AGREEMENT (this "***Second Amendment***") is entered into this 13th day of April, 2023 ("***Effective Date***"), by and between CITY OF TAYLOR, TEXAS, a Texas home rule city ("***City***") and LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation ("***LSCC***").

WHEREAS, City and LSCC are party to that certain Chapter 380 Economic Development Agreement dated March 23, 2020 ("***380 Agreement***") and the First Amendment to Chapter 380 Economic Development Agreement dated March 27, 2021. Capitalized terms used but not defined in this Second Amendment have the meaning assigned to such terms in the 380 Agreement.

WHEREAS, Pursuant to the terms of the 380 Agreement, City conveyed to LSCC Property and other economic benefits in exchange for LSCC's commitment to construct and operate project Headwaters on such Property.

WHEREAS, City and LSCC desire to amend the 380 Agreement and the Milestones to remove any requirement or obligation by LSCC regarding the Garden Lots in consideration for LSCC's reconveyance to City of the Garden Lots and release of the Utility Easement to the Property.

To properly reflect the terms and conditions for the reconveyance, City and LSCC desire to amend and restate the 380 Agreement as specified in this Second Amendment.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, City and LSCC hereby agree to amend the 380 Agreement as follows:

1. Reconveyance. LSCC shall reconvey to City the Garden Lots by executing a Special Warranty Deed attached hereto as Exhibit "A".

2. Termination of Easement. City and LSCC agree to terminate the Easement Agreement dated March 23, 2020, from LSCC as Grantor to City as Grantee, recorded under Document No. 2020048331, of the Official Public Records of Williamson County, Texas.

3. Release of Deed of Trust. To evidence LSCC's compliance with the 380 Agreement, as amended, and the Milestones required in the 380 Agreement, and in consideration of the reconveyance stated herein, City agrees to release the Deed of Trust granted by LSCC for the benefit of City, recorded under Document No. 2020048329, of the Official Public Records of Williamson County, Texas.

4. Full Force and Effect. Except as expressly modified herein, all provisions of the 380 Agreement, as amended, remain unmodified and in full force and effect.

5. Successors and Assigns. This Second Amendment is binding upon the parties hereto and their successors and assigns.

6. Counterparts; Facsimile or Electronic Mail Signature. This Second Amendment may be executed in multiple counterparts, each of which shall constitute an original, but all of which taken together shall constitute one and the same agreement. Facsimile and electronic mail signatures of this Second Amendment shall be treated as originals for all purposes.

IN WITNESS WHEREOF, the parties have executed this Second Amendment as of the date first written above.

CITY:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By: _____
Printed Name: Brian LaBorde
Title: City Manager

LSCC:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: _____
Printed Name: Jon Calvin
Title: Chief Executive Officer

LONE STAR CIRCLE OF CARE
and
THE CITY OF TAYLOR, TEXAS,
CHAPTER 380 ECONOMIC DEVELOPMENT AGREEMENT

This Economic Development Agreement ("***Agreement***") is entered into by and between the CITY OF TAYLOR, TEXAS, a Texas home rule city ("***City***") and LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation ("***LSCC***").

WHEREAS, the City adopted Ordinance 2010-38 on September 9, 2010, ("***Ordinance***"), establishing and authorizing the City to make economic development grants; and

WHEREAS, the City is granting economic benefits to LSCC in recognition of the positive economic benefits to the City through LSCC's construction of an Intergenerational Community Center and associated food gardens known as Project Headwaters described in *Exhibit "A"* attached hereto and incorporated by reference herein for all purposes, ("***Headwaters***") on the real property shown in *Exhibit "B-1"* (the "***West End School Block***") and *Exhibit "B-2"* (the "***Garden Lots***" and, together with the West End School Block, the "***Property***") attached hereto and incorporated by reference herein; and

WHEREAS, the purpose of this Agreement is to promote economic development contemplated by Chapter 380 and the Development Corporation Act, Chapter 501 of the Texas Local Government Code, whereby LSCC will construct Headwaters on the Property and operate Headwaters in compliance with all rules, regulations, permit requirements, and ordinances pertaining to them; and

WHEREAS, LSCC, in consideration of this Agreement, agrees to construct and operate Headwaters on the Property in strict compliance with the "Milestones" established in *Exhibit "A"* which shall be an obligation for any grant from the City; and

NOW, THEREFORE, in consideration of the mutual benefits and promises and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the City and LSCC agree as follows:

1. AUTHORITY. The City's execution of this Agreement is authorized by Chapters 380 and 501 of the Texas Local Government Code, and the Ordinance and constitutes a valid and binding obligation of the City that LSCC will construct and operate Headwaters on the Property in strict compliance with the time and terms established for Headwaters in *Exhibit "A"*. LSCC's execution and performance of this Agreement constitutes a valid and binding obligation of LSCC.

2. COMPLIANCE. LSCC shall be obligated to comply with all terms and provisions of this Agreement in order to receive the economic benefits described within this Agreement. The City shall be entitled to withhold economic benefits granted under this Agreement if LSCC defaults under this Agreement in addition to all other relief provided to the City in law and equity.

3. CITY 380 GRANTS.

A. CONDITIONS TO GRANTS: As a condition precedent and subsequent to any grant, LSCC must complete construction of Headwaters on the Property and operate Headwaters in strict compliance with this agreement and with the "Milestones" and all other terms and conditions set forth in *Exhibit "A"* (***"LSCC Obligations"***).

B. TIME: Upon execution of this Agreement by all parties, LSCC shall commence the Milestones and complete all LSCC Obligations as required in *Exhibit "A"*.

C. GRANT: The City will convey the Property to LSCC by special warranty deed in substantially the form attached hereto as *Exhibit "C"* (***"Deed"***) upon execution of this Agreement by all parties (1) subject to a right retained by the City allowing repossession of the Property in the event LSCC defaults under this Agreement and (2) containing a City right of first refusal and right of first offer in the event LSCC desires to sell or transfer ownership of the Property in the form attached hereto as *Exhibit "D"*. This Agreement shall be secured by a Deed of Trust in substantially the form attached hereto as *Exhibit "E"* (***"DT"***) to the City secured on the Property allowing non-judicial foreclosure on the Property in the event of default by LSCC under this Agreement and the DT in addition to all rights and remedies provided to the City by law and under equity. After the LSCC Obligations and Milestones are completed to the reasonable satisfaction of the City, the City shall release the DT and any security

retained on the Property securing the LSCC Obligations under this Agreement. The Deed and DT shall be executed simultaneously and recorded in the Official Records of Williamson County. The City and LSCC shall execute and record in the Official Records of Williamson County a memorandum evidencing the City's right of first refusal and first offer applicable to the Property.

D. WAIVER OF FEES: The City will waive all City Impact and permit fees resulting from construction of Headwaters.

E. WASTEWATER EASEMENT: A twelve (12) inch wastewater line is located across the Garden Lots, but not located by a recorded easement filed of record. The parties will obtain an on the ground survey of the Garden Lots locating the wastewater line. Upon completion of the survey LSCC will grant the City an exclusive perpetual twenty-five (25) foot wastewater easement, being twelve and a half (12.5) feet on each side of the centerline of the existing wastewater line. The easement will be substantially in the form attached hereto as Exhibit H.

F. This 380 Agreement for Headwaters and the Project Milestones provides for a clinic and health care facility using the Property after renovation and restoration and not demolition of the existing West End School Building located on the Property. LSCC shall provide the City reasonable prior written notice of any change in the Milestones. This Agreement must be amended and shall require City approval to allow demolition of the West End School Building. Any issuance of a demolition permit for the West End School Building and any other building on the Property shall remain within the exclusive authority of the City.

G. LSCC will endeavor to provide outside areas for recreational sports on the Property at its sole and exclusive discretion.

4. INSPECTIONS. Employees or designated representatives of the City shall be entitled to inspect Headwaters construction during the term of this

Agreement to verify and substantiate LSCC'S compliance with this Agreement which compliance shall be conditions precedent and subsequent to this Agreement.

5. INFORMATION. The City shall be entitled to request information from LSCC deemed by the CITY to be reasonable or necessary to verify LSCC'S compliance with this Agreement or entitlements under this Agreement.

6. ADVISORY COMMITTEE. LSCC and City agree to establish an Advisory Committee ("Advisory Committee") consisting of two representatives appointed by LSCC and two representatives appointed by City. The Advisory Committee may agree by majority vote to invite additional attendees to participate in any Advisory Committee meeting. The Advisory Committee shall meet at least once per year during the Term to (a) assess the impact of the collaborative relationship between the City and LSCC and its effect on population health in Taylor, Texas, (b) develop and recommend (but not require) City and LSCC goals, objectives, and strategies regarding the improvement of the health and well-being of the citizens of Taylor, Texas; and (c) provide a forum for addressing concerns regarding either party's performance. Written notice stating the place, day, and hour of the Advisory Committee meetings must either be received via electronic communication or delivered personally or faxed to each Advisory Committee member at least 15 days prior to any meeting. Any or all Advisory Committee members may participate in an Advisory Committee meeting by telephone or electronic communications equipment allowing all persons in the meeting to hear each other at the same time. An Advisory Committee member is deemed to have waived notice of any matter acted upon at any meeting that the Advisory Committee member attends in person or in which the individual participates via telephonic or electronic communication unless at the beginning of the meeting, or promptly upon consideration of any matter at the meeting, the member objects to the consideration of the matter because of lack of proper notice. Notwithstanding the foregoing, the Advisory Committee's authority is limited to the provision of advice and recommendations. The Advisory Committee cannot require LSCC or City to perform actions. The Advisory Committee may institute additional procedures regarding its meetings as the Committee may deem appropriate or necessary. The Advisory Committee shall not terminate existence upon termination of this Agreement and shall continue until both LSCC and the City agree to dissolve the Advisory Committee.

7. HEADSTART. The Property is partially occupied by Harris Ross Head Start, a division of Opportunities for Williamson and Burnet Counties ("***Headstart***"),

pursuant to that certain Lease Agreement effective April 1, 1999, between the City of Taylor and Williamson-Burnet County Opportunities, Inc., a Texas corporation ("***WBCO***"), recorded as Document No. 2000053804, Official Public Records of Williamson County, Texas, as amended by that certain Addendum to Lease Agreement Dated March 22, 1999, effective as of July 18, 2006, between the City and WBCO, recorded as Document No. 2006073551, Official Public Records of Williamson County, Texas (as amended, the "***Ground Lease***"). The City requires that LSCC continue to allow Headstart's lease of the property under the Ground Lease as assigned to and assumed by LSCC, provided, however, that (a) LSCC may further amend the Ground Lease to limit Headstart's lease to only the property directly under the Headstart building and parking areas and (b) LSCC and Headstart may further amend the Ground Lease as mutually agreed. LSCC desires to keep Headstart as a lessee of a portion of the Property. Contemporaneous with the execution of this Agreement, LSCC and the City will execute an Assignment and Assumption of Lease Agreement in substantially the form attached hereto and incorporated by reference herein as *Exhibit "F"*. LSCC represents that assignment and assumption of the Ground Lease was approved by LSCC with terms and conditions set forth therein.

8. ACCESS TO THE GARDEN LOTS; UTILITIES. Improvements and development on the garden property or to gain access to the garden property will be an expense to LSCC.

9. TERM. This Agreement shall become enforceable upon execution by the CITY and LSCC and shall be effective as of the date of this Agreement. This Agreement shall terminate upon completion of LSCC Obligations and release of the DT by the City.

10. LSCC'S OBLIGATIONS. In consideration of the CITY'S establishment of this economic development program for LSCC by the CITY, LSCC agrees to the requirements of this Agreement.

11. COVENANTS, WARRANTIES, OBLIGATIONS AND DUTIES. LSCC makes the following covenants and warranties to the CITY and agrees to timely and fully perform the following obligations and duties. Any false or substantially misleading statement contained herein or failure to timely and fully perform as

required in this Agreement shall be an act of default by LSCC. Failure to comply with any one covenant or warranty shall constitute an act of default by LSCC.

A. No litigation or governmental proceeding is pending or, threatened against LSCC or affecting LSCC that may result in any material adverse change in LSCC or Headwaters other than (1) approval by the Health Resources and Services Administration of LSCC's board approved change in scope application adding Headwaters to LSCC's federally qualified health center scope of service and (2) permits to be issued by the City for Headwaters as required in LSCC Obligations. Except as set forth in (1) and (2) immediately above, no consent, approval or authorization of or registration or declaration within any governmental authority is required in connection with the execution of this Agreement or the transactions contemplated hereby.

B. No certificate or statement delivered by LSCC to the CITY in connection with this Agreement, or in connection with any transaction contemplated herein, contains any untrue statement or fails to state any fact necessary to keep the statements contained herein from being misleading.

C. There are no bankruptcy proceedings or other proceedings currently pending or contemplated, and LSCC has not been informed of any potential involuntary bankruptcy proceedings.

D. To the best of its knowledge, LSCC will have acquired and maintains all necessary rights, licenses, permits and authority to carry on Headwaters in Taylor, Texas, and will continue to use its best efforts to maintain all necessary rights, licenses, permits and authority.

E. LSCC shall timely pay all taxes due and owing by it to all taxing authorities having jurisdiction. In addition, LSCC shall timely pay all employment, income, franchise, and all other taxes due and owing by it to all local, state, and federal entities.

F. LSCC shall complete Headwaters as required by this Agreement and shall provide the investment and other economic development considerations described in this Agreement.

G. LSCC shall timely and fully comply with all the terms and conditions of this Agreement.

H. LSCC shall notify the CITY in writing of substantial changes in its management within seven (7) days during the term of this Agreement.

I. LSCC agrees that, as to all of the programs and activities arising out of this Agreement, it shall comply fully with all Civil Rights Acts and specifically will not discriminate against any person on the basis of race, color, national origin, sex, or by reason of being disabled.

J. LSCC hereby certifies that it does not knowingly employ and will not hereafter employ an undocumented worker as defined in Chapter 2264, Texas Government Code. In addition, LSCC shall execute the Condition on Receipt of Public Subsidies/Agreement Regarding Repayment of Interest attached hereto as *Exhibit "G"* and incorporated by reference herein.

K. LSCC shall complete and operate Headwaters in compliance with all federal, state and local laws, rules and regulations applicable to the Headwaters and Property during the term of this Agreement.

12. MUTUAL ASSISTANCE. CITY and LSCC will do all things reasonably necessary or appropriate to carry out the terms and provisions of this Agreement, and to aid and assist each other in carrying out such terms and provisions in order to put each other in the same economic condition contemplated by this Agreement regardless of any changes in public policy, the law or taxes or assessments attributable to Headwaters.

13. DEFAULT. If either the CITY or LSCC should default in the performance of any obligations of this Agreement, the other party shall provide such defaulting party written notice of the default, and a minimum period of thirty (30) days to cure such default, prior to instituting an action for breach or pursuing any other remedy for default. If the CITY or LSCC remains in default after notice and opportunity to cure, the non-defaulting party shall have the right to pursue any remedy at law or in equity for the breach. In addition, the CITY shall have the right

to terminate all economic benefits under this Agreement as well as all other relief provided under this Agreement.

14. ATTORNEY'S FEES. In the event any legal action or proceeding is commenced between the CITY and LSCC to enforce provisions of this Agreement and recover damages for breach, the prevailing party in such legal action shall be entitled to recover its reasonable attorney's fees and expenses incurred by reason of such action, unless prohibited by law.

15. ENTIRE AGREEMENT. This Agreement contains the entire agreement between the parties. This Agreement may only be amended, altered or revoked by written instrument signed by the CITY and LSCC.

16. BINDING EFFECT. This Agreement shall be binding on and inure to the benefit of the parties, their respective successors and assigns as allowed in this Agreement.

17. ASSIGNMENT. LSCC may not assign all or any part of its rights and obligations to a third party without prior written approval of the CITY.

18. NOTICE. Any notice and or statement required and permitted to be delivered shall be deemed delivered by actual delivery, facsimile with receipt of confirmation, or by depositing the same in the United States mail, certified with return receipt requested, postage prepaid, addressed to the appropriate party at the following address:

LSCC:	LONE STAR CIRCLE OF CARE 205 East University Avenue Suite 200 Georgetown, Texas 78626 Attention: General Counsel 512.686.0628
CITY:	CITY OF TAYLOR, TEXAS City Manager

400 Porter Street
Taylor, Texas, 76574
512-352-3774

19. INTERPRETATION. Each of the parties has been represented by counsel of their choosing in the negotiation and preparation of this Agreement. Regardless of which party prepared the initial draft of this Agreement, this Agreement shall, in the event of any dispute, however its meaning or application, be interpreted fairly and reasonably and neither more strongly for or against any party.

20. APPLICABLE LAW. This Agreement is made, and shall be construed and interpreted, under the laws of the State of Texas and venue shall be in the State courts of Williamson County, Texas.

21. SEVERABILITY. In the event any provisions of this Agreement are illegal, invalid or unenforceable under present or future laws, and in that event, it is the intention of the parties that the remainder of this Agreement shall not be affected. It is also the intention of the parties of this Agreement that in lieu of each clause and provision that is found to be illegal, invalid or unenforceable, a provision be added to this Agreement which is legal, valid or enforceable and is as similar in terms as possible to the provision found to be illegal, invalid or unenforceable.

22. PARAGRAPH HEADINGS. The paragraph headings contained in this Agreement are for convenience only and will in no way enlarge or limit the scope or meaning of the various and several paragraphs.

23. NO THIRD PARTY BENEFICIARIES. This Agreement is not intended to confer any rights, privileges or causes of action upon any third party.

24. NO JOINT VENTURE. It is acknowledged and agreed by the parties that the terms of this Agreement are not intended to and shall not be deemed to create any partnership or joint venture among the parties. The CITY, its past, present and future officers, elected officials, employees and agents do not assume any

responsibilities or liabilities to any third party in connection with LSCC or the design, construction or operation of any portion of Headwaters on the Property.

25. EXHIBITS. The following Exhibits are attached and incorporated by reference for all purposes:

Exhibit "A": the "Milestones and LSCC Obligations."

Exhibit "B-1": collectively the "Property."

Exhibit "B-2": collectively the "Property."

Exhibit "C": the "Form of Special Warranty Deed."

Exhibit "D": the "Form of Right of First Offer/Right of First Refusal Agreement" and "Memorandum of ROF/ROFR Agreement."

Exhibit "E": the "Form of Deed of Trust."

Exhibit "F": the "Form of Assignment and Assumption of Lease Agreement."

Exhibit "G": the "Condition of Receipt of Public Subsidies/Agreement Regarding Repayment of Interest."

Exhibit "H": the "Form of Easement Agreement."

[SIGNATURES ON FOLLOWING PAGES]

Dated this the 23rd day of March, 2020.

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: Jon Calvin
Its: CFO

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By: Brian LaBorde
Its: City Manager

Exhibit "A"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

Milestones and LSCC Obligations

Project Headwaters Description

Lone Star Circle of Care (LSCC) seeks to develop a new service delivery model in Taylor for low-income residents. The model, Project Headwaters, utilizes physical co-location of an LSCC clinic with programs that positively influence early childhood development and healthy aging. This physical co-location will occur at the West End School in Taylor, Texas, which LSCC will renovate according to the schedule below. Project Headwaters also integrates programs specifically focused on family strengthening initiatives. At Project Headwaters, the focus of healthcare expands from disease remediation and moves upstream to address social determinants of health. This is possible because of the close collaboration among intergenerational social services and health care resources at Project Headwaters: aging in place; access to healthy food; childhood adversity intervention; insurance enrollment and use; teen pregnancy prevention; women's health; and strong safety net organizations collaboration. To assist with access to healthy food, LSCC will develop gardens on additional Taylor, Texas property. The produce from these gardens will supplement the food initiatives at Project Headwaters and the gardens will provide a training ground for nutrition education.

In planning for Project Headwaters, LSCC will solicit community input and study innovative space design, and optimal energy efficiency models. These targeted activities will help ensure the reasonableness and ultimate success of Project Headwaters.

Project Headwaters Milestones

PROJECT HEADWATERS MILESTONE	OWNER	START	COMPLETION
Building Materials (Asbestos) Survey	Terracon	2009	2009.08
Letter of Opinion on Fair Market Value	Associates Real Estate Group	2014.07	2014.07
Original Structural Evaluation	Sparks Engineering	2015.02	2015.02
Preliminary Cost Estimates	American Constructors	2017.09	2017.09
Test Fit Design	O'Connell Robertson	2017.09	2017.11
Confirm New Utility Tie-Ins	Stout, City of Taylor	2018.01	2018.04
Architect Final Design Bid Process	Berger, Stout	2018.06	2018.08
Sustainable Food Center Contract Negotiation & Execution	Stout	2018.07	2018.08
New Structural Evaluation	Berger, Architect	2018.08	2018.09
Updated Costs Estimates	American Constructors	2019.08	2019.08
Funding Committed	Mundhenk, Calvin	2019.08	2019.12
Architect Contract Negotiation/Execution	Berger, Stout	2018.09	2019.11

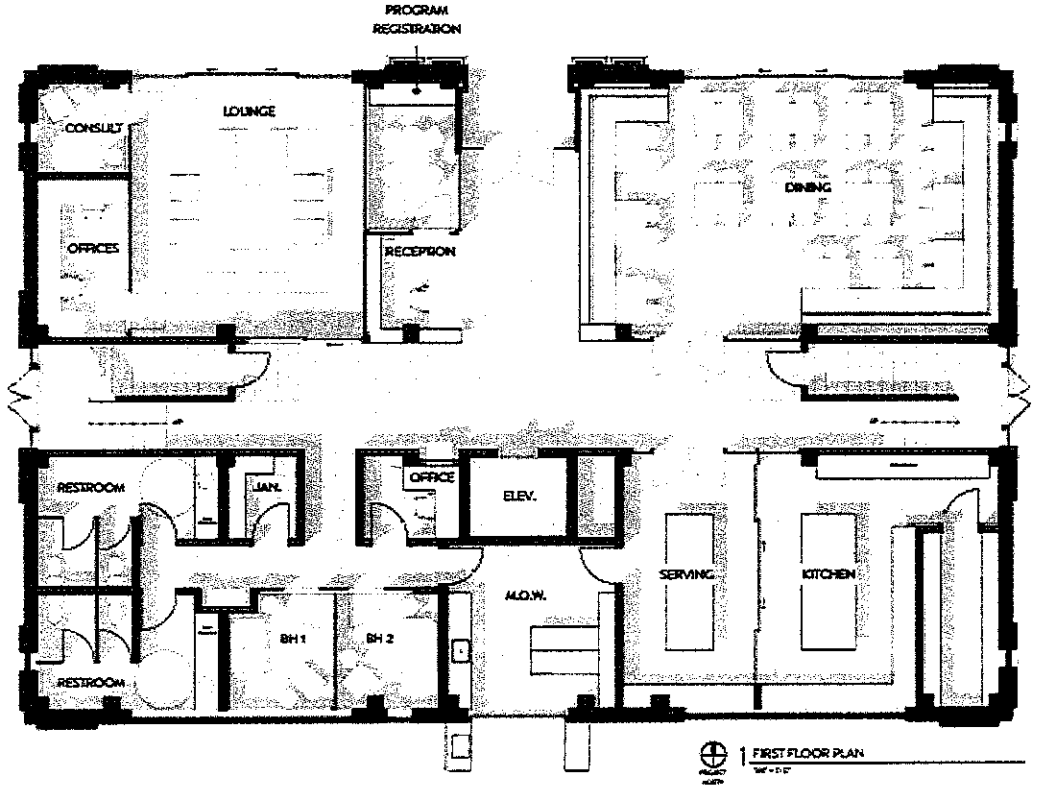
Structural and Waterproofing Re-review	Nathan Quiring	2019.09	2019.11
Mundhenk to reengage WBCO and WIC	Quiring, Mundhenk, Stout	2019.1	2019.1
Real Property Documents Review - (1) Block 64 and (2) Garden Property	Stout	2019.1	2019.11
Confirmation No Liens on Property - (1) Block 64 and (2) Garden Property	Stout	2019.1	2019.12
Meetings with Taylor Community to Discuss Building Uses and Design	Quiring, Stout, Mundhenk	2019.11	2019.12
Environmental Assessment for WILCO Grant	Roberts, Berger, Stout	2019.11	2019.12
WILCO Grant Documents	Roberts, Berger, Stout	2019.11	2020.02
City Council City of Taylor Review and Approval of Block 64 Transfer	Mundhenk; Stout	2019.12	2019.12
Construction Manager (including Demo and Hazardous Material Abatement) Bid Process	Berger, Stout	2019.12	2020.2
Transfer of Block 64 and Garden Lots to LSCC via 380 Agreement; Assignment and Assumption of WBCO Ground Lease	Stout, Hejl	2019.12	2020.02
Construction Manager (including Demo and Hazardous Material Abatement) Contract Negotiation/Execution	Stout	2019.12	2020.03
Design Process	Berger, Architect	2019.12	2020.05
Kitchen Consulting and "Best in industry" study of new and innovative space design for LSCC services	Berger, Architect	2019.12	2020.05
Demo/Hazardous Materials Permitting and Approvals	Berger, Abatement Contractor	2020.01	2020.04
Demo/Hazardous Materials Abatement	Abatement Contractor	2020.03	2020.05
Horticultural Firm Bid Process	Mundhenk, Stout, Berger	2020.03	2020.05
Main Construction Permitting and Approvals	Berger, Contractor	2020.03	2020.08
Horticultural Firm Contract Negotiation and Execution	Mundhenk, Stout, Berger	2020.05	2020.06
Site Work	Berger, Contractor	2020.05	2020.12
Community Garden Design	Berger, Architect	2020.06	2020.08
50% Construction Complete	Berger, Contractor	2020.07	2020.12
100% Construction Complete	Berger, Contractor	2021.01	2021.05
LSCC Board Approved Change in Scope Application Submitted to HRSA	Stout, Calvin, Roberts	2021.04	2021.06
Certificate of Occupancy	Berger, Contractor	2021.05	2021.05
Garden Improvements Complete	Berger, Contractor	2020.06	2022.05

PLAN LEGEND

CLAYTON & LITTLE

DD - PROGRESS SET

COURTYARD



1 FIRST FLOOR PLAN

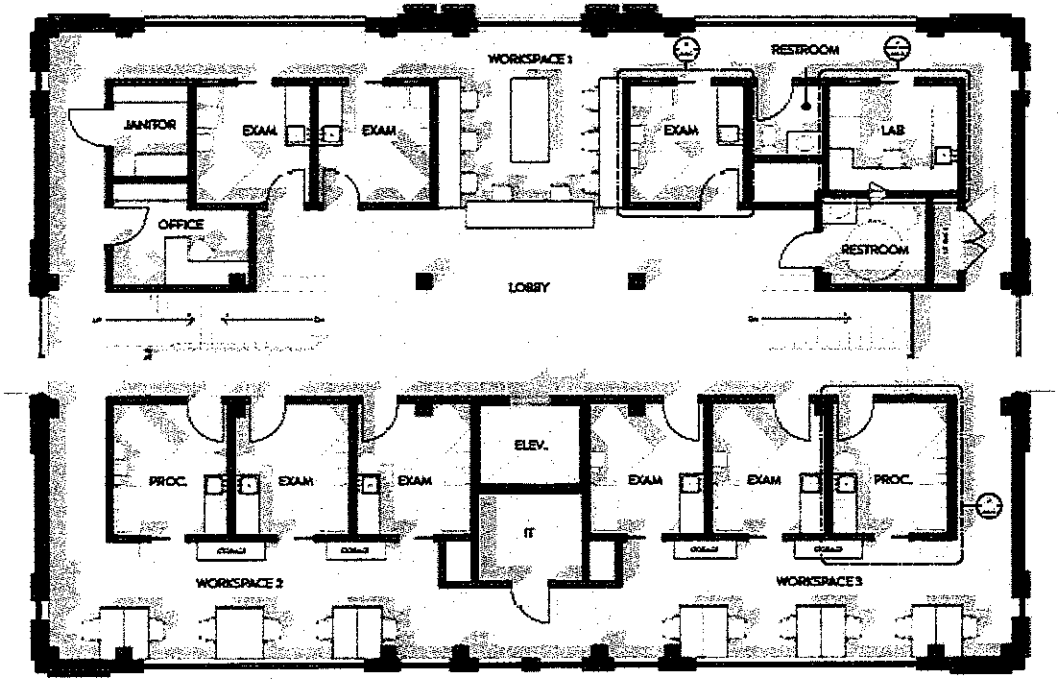
LSCC - PROJECT HEADWATERS

1301 FERGUSON STREET
TAYLOR, TEXAS 76574

A1.1

FIRST FLOOR PLAN

© Clayton & Little | 2/11/2020 11:44:57 AM



1 SECOND FLOOR PLAN

PLAN LEGEND

CLAYTON & LITTLE

DD - PROGRESS SET

LSCC - PROJECT HEADWATERS

1301 E BUSON STREET
TAYLOR, TEXAS 76574

A1.2
SECOND FLOOR PLAN

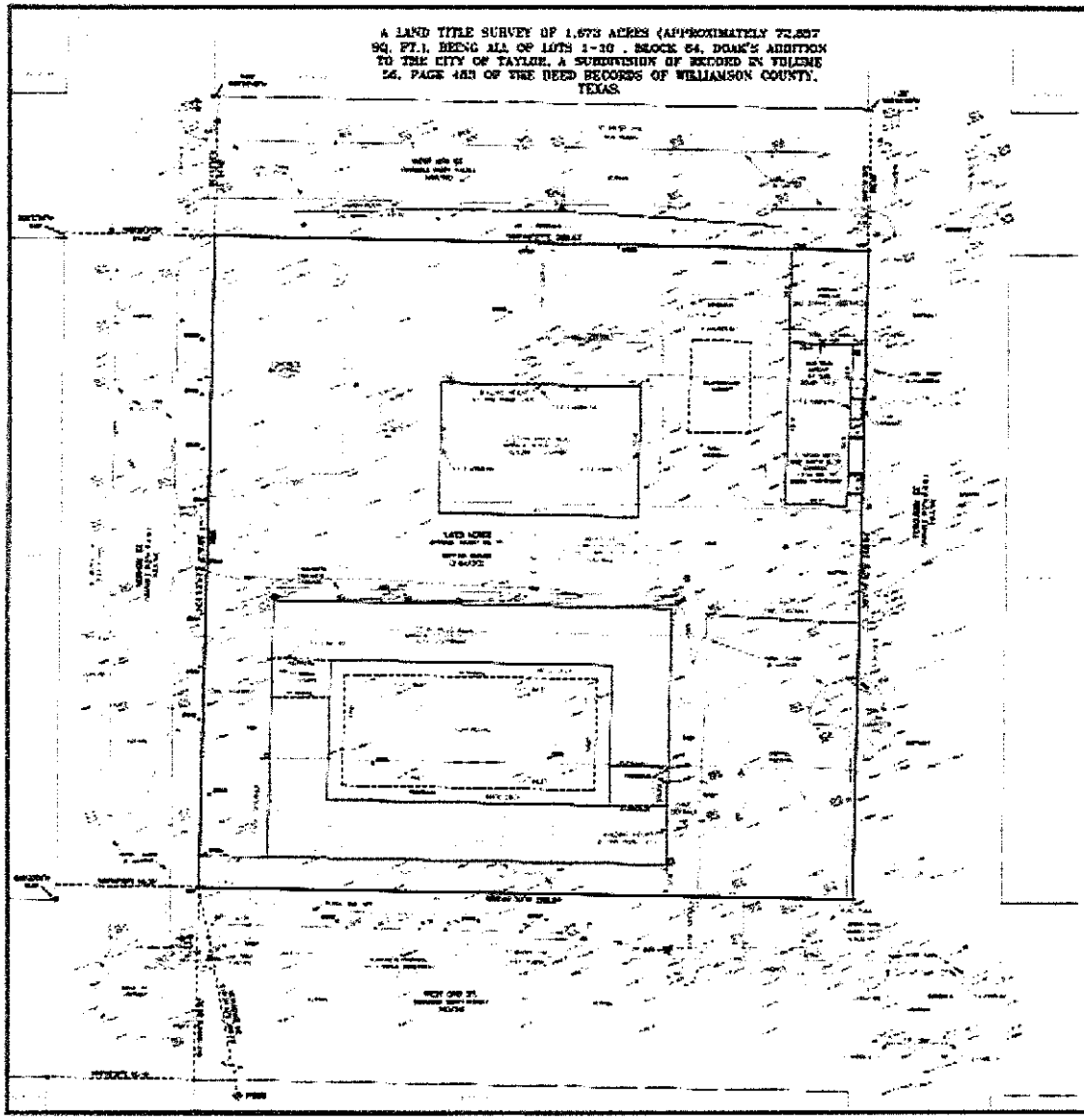
© Clayton & Little | 2/12/2020 11:15:07 AM

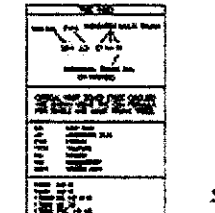
Exhibit "B-1"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

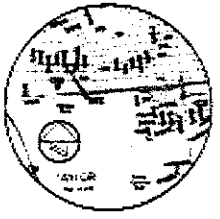
West End School Property

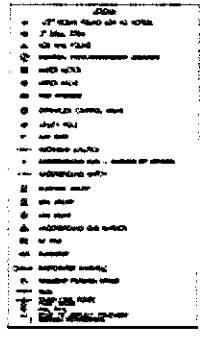
1.673 acres being all of Lots 1 – 10, Block number Sixty-four (64) in Doak's Addition to the said City of Taylor, according to the map or plat thereof, recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 1.673 ACRES (APPROXIMATELY 72,857 SQ. FT.), BEING ALL OF LOTS 1-10 , BLOCK 64, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.

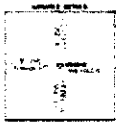


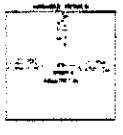


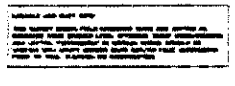












Chenard

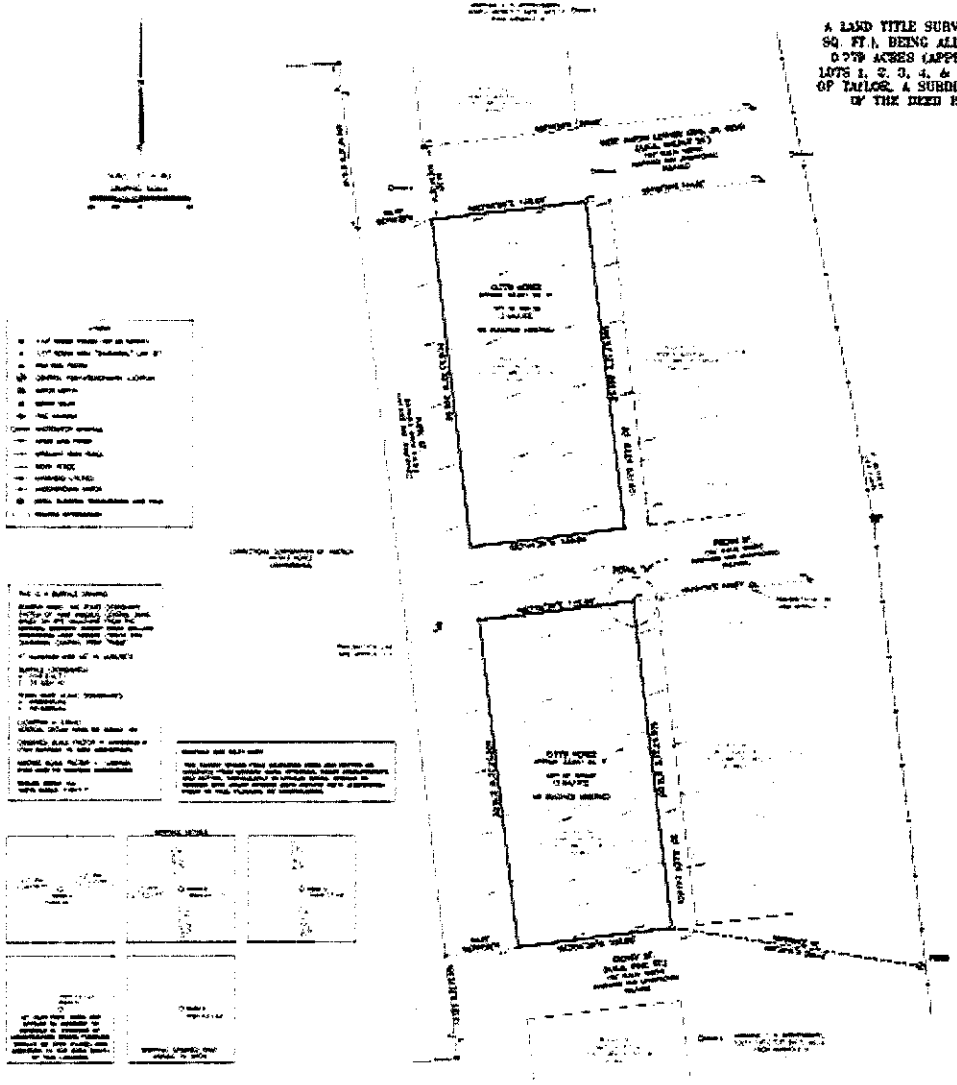
Professional Land Surveying, Inc.
Surveying and Mapping

Exhibit "B-2"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

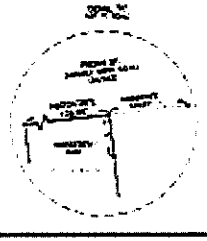
Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 0.779 ACRES (APPROXIMATELY 33,931 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 6, BLOCK 34, AND 0.779 ACRES (APPROXIMATELY 33,937 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 38, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 98, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.







Chapparal
Professional Land Surveying, Inc.
Surveying and Mapping

Exhibit "C"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

Form of Special Warranty Deed

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED

Date: March 23, 2020

Grantor: CITY OF TAYLOR, TEXAS,
a Texas home rule city

Grantor's Mailing Address: 400 Porter Street
Taylor, Texas 76574

Grantee: LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

Grantee's Mailing Address: 205 E. University Avenue
Suite 200
Georgetown, Texas 78626

Consideration: Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements): See Exhibit A

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

Easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded restrictions, reservations, covenants, conditions, oil and gas leases, mineral severances, and other instruments, that affect the property; rights of adjoining owners in

any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; taxes for 2020, the payment of which Grantee assumes, and subsequent assessments for that and prior years due to change in usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee, Grantee's successors, and assigns. Grantor binds Grantor and Grantor's successors to warrant and forever defend all and singular the Property to Grantee and Grantee's successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof when the claim is by, through, or under Grantor but not otherwise, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

When the context requires, singular nouns and pronouns include the plural.

Grantee acknowledges and agrees that, other than as may be specifically set forth herein, Grantor has not made, does not make and specifically disclaims any representations, warranties, promises, covenants, agreements or guaranties of any kind or character whatsoever, whether express or implied, oral or written, past, present or futures, of, as to, concerning or with respect to (a) the nature, quality or condition of the Property, including, without limitation, the water, soil and geology, (b) the income to be derived from the Property, (c) the suitability of the Property for any and all activities and uses which buyer may conduct thereon, (d) the compliance of or by the Property or its operation with any laws, rules, ordinances or regulations of any applicable governmental authority or body, including without limitation, the Americans with Disabilities Act and any rules and regulations promulgated thereunder or in connection therewith, and the Texas Architectural Barriers Act and any rules and regulations promulgated thereunder or in connection therewith, (e) the habitability, merchantability or fitness for a particular purpose of the Property, or (f) any other matter with respect to the Property, and specifically that Grantor has not made, does not make and specifically disclaims any representations regarding solid waste, as defined by the U.S. Environmental Protection Agency Regulations at 40 C.F.R., Part 261, or the disposal or existence, in or on the Property, of any hazardous substance, as defined by the Comprehensive Environmental Response Compensations and Liability Act of 1980, as amended, and applicable state laws, and regulations promulgated thereunder. Grantee further acknowledges and agrees that having been given the opportunity to inspect the Property, Grantee is relying solely on its own investigation of the Property and not on any information provided or to be provided by Grantor. Grantee further acknowledges and agrees that any information provided or to be provided with respect to the Property was obtained from a variety of sources and that Grantor has not made any independent investigation or verification of such information. Grantee further acknowledges and agrees that the grant of the Property as provided for herein is made on an "as is, where is" condition and basis "with all faults". Grantee acknowledges and agrees that the provisions of this paragraph were a material factor in the determination of the conveyance by Grantor to Grantee.

Executed by the undersigned on the date set forth below, to be effective as of the Effective Date of this Special Warranty Deed.

GRANTOR:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By: _____
Printed Name: Brian LaBorde
Title: City Manager

This instrument was prepared based on information furnished by the parties, and no independent title search has been made.

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2020.

_____
Notary Public in and for
The State of Texas

GRANTEE:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: _____

Printed Name: _____

Title: _____

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2020.

_____
Notary Public in and for
The State of Texas

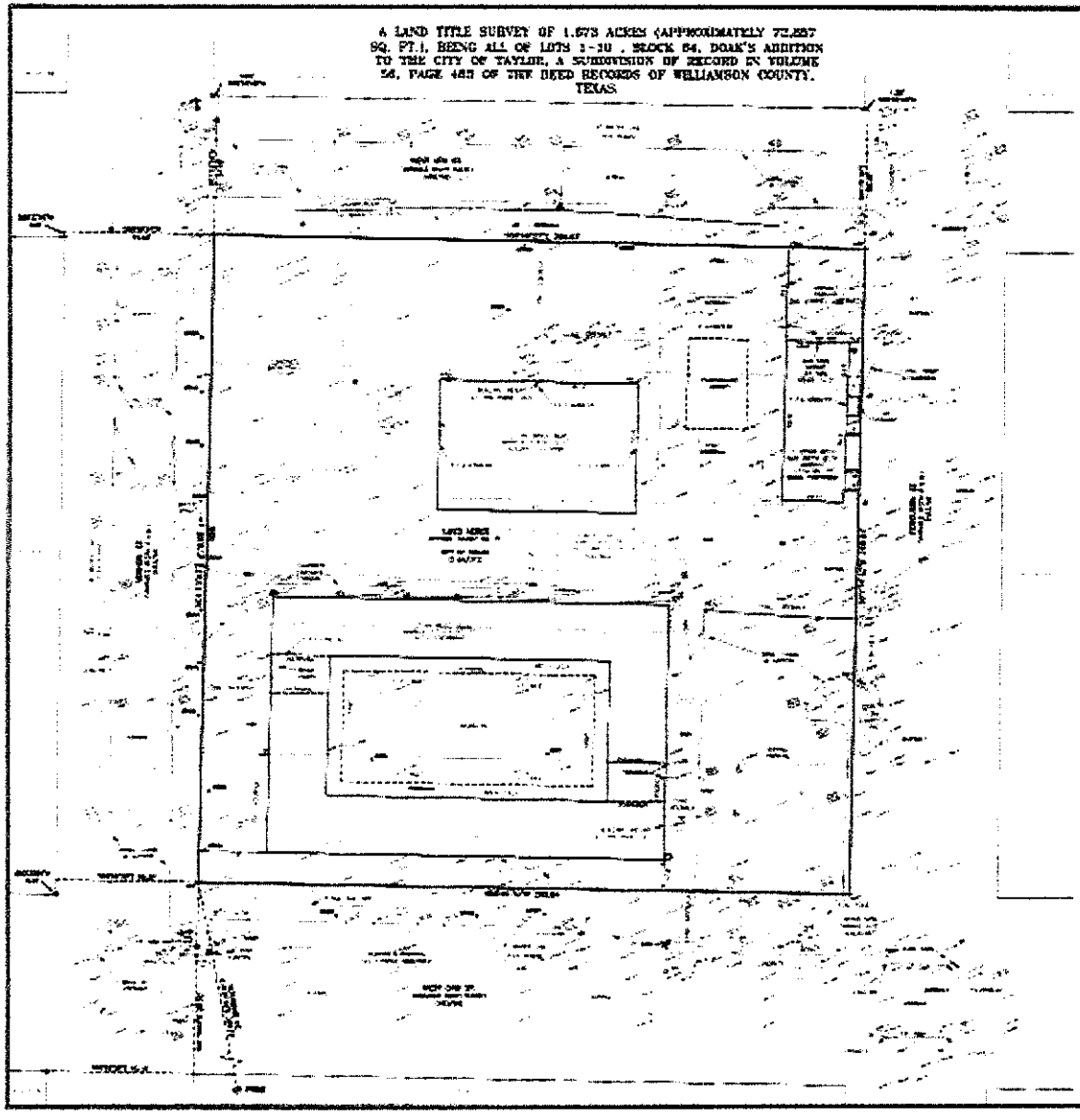
Special Warranty Deed

Exhibit A – Property (including any improvements)

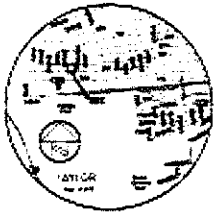
West End School Property

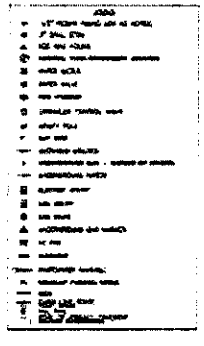
1.673 acres being all of Lots 1 – 10, Block number Sixty-four (64) in Doak's Addition to the said City of Taylor, according to the map or plat thereof, recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 1.673 ACRES (APPROXIMATELY 72,857 SQ. FT.), BEING ALL OF LOTS 1-30, BLOCK 64, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS



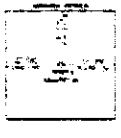


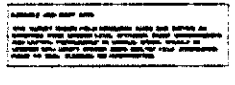












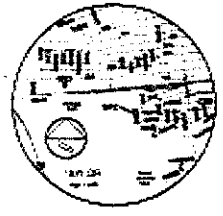


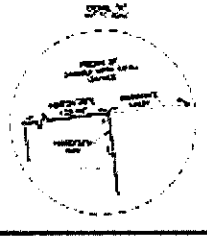
Chappell
Professional Land Surveying, Inc.
Surveying and Mapping

Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 0.779 ACRES (APPROXIMATELY 33,931 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 34, AND 0.779 ACRES (APPROXIMATELY 33,937 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 36, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 96, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.





Chaparral
Professional Land Surveying, Inc.
Surveying and Mapping

SHEET
1 OF 1

Exhibit "D"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

RIGHT OF FIRST OFFER "ROFO"/ RIGHT OF FIRST REFUSAL "ROFR" AGREEMENT

This ROFO/ROFR AGREEMENT ("**Agreement**") is entered into effective March 23, 2020 (the "**Effective Date**") between **CITY OF TAYLOR, TEXAS**, a Texas home rule city ("**City**") and **LONE STAR CIRCLE OF CARE**, a Texas nonprofit corporation ("**LSCC**").

WHEREAS, the City and LSCC entered into that certain 380 Agreement dated effective March 23, 2020 between the City, and LSCC, (the "**Agreement**"); and

WHEREAS, on the Effective Date and pursuant to the terms of the Agreement, the City has conveyed to LSCC that certain real property located in the City of Taylor, Williamson County, Texas (the "**Property**"), more particularly described as follows:

> 1.673 acres being all of Lots 1 – 10, Block number Sixty-four (64) in Doak's Addition to the said City of Taylor, according to the map or plat thereof, recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas; and
>
> 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas; and

WHEREAS, pursuant to the terms of the 380 Agreement, the City and LSCC agreed to execute this Agreement.

NOW THEREFORE, for Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the City and LSCC agree as follows:

1. ROFO/ROFR Terms.

a. ROFR. If, after the Effective Date of this Agreement, LSCC receives a bona fide offer ("**ROFR Offer**") from an unrelated third party to purchase or lease all or any portion of the Property (the "**ROFR Property**"), and if the ROFR Offer is acceptable to LSCC, LSCC shall give written notice thereof to the City, together with a copy of the ROFR Offer ("**ROFR Notice**"), which ROFR Offer shall include the applicable terms for the purchase or lease of the ROFR Property. The City shall have the right of first refusal ("**ROFR**") to purchase or lease, as applicable, all such ROFR Property on the same terms, conditions and provisions as set out in the ROFR Offer by giving notice to LSCC of such election ("**ROFR Election Notice**") within thirty (30) days following LSCC's delivery of the ROFR Notice to the City. Promptly following the

City's delivery of the ROFR Election Notice, if applicable, the City shall deliver, and LSCC and the City shall execute, an agreement or lease, as applicable, containing the terms and provisions of the sale or lease as set forth in the ROFR Offer, or as may otherwise be customary for the sale or lease of similar property in Williamson County, Texas to the extent not covered by the ROFR Offer on terms, provisions and conditions reasonably acceptable to each of the City and LSCC. At closing, the City and LSCC shall perform their respective obligations under the agreement or lease, as applicable. If the City fails to deliver the ROFR Election Notice to LSCC within the 30-day period specified above, the City's ROFR will terminate as to the applicable ROFR Offer, but not as to future ROFR Offer(s). In the event the City fails to deliver or waives an ROFR Election Notice with respect to any ROFR Offer, but (i) the terms set forth in such ROFR Offer are thereafter modified such that the purchase price or rent is reduced by more than five percent (5%), then the City's ROFR shall apply to such modified ROFR Offer in accordance with the terms, provisions and conditions set forth above, and (ii) if the sale or lease contemplated by the ROFR Offer is not consummated within six (6) months of the ROFR Election Date, then the City's ROFR shall apply to any future ROFR Offer in accordance with the terms, provisions and conditions set forth above.

b. ROFO. After the Effective Date of this Agreement, prior to offering for sale or lease, as applicable ("**ROFO Offer**") LSCC's ownership interest in all or any portion of the Property (the "**ROFO Property**"), LSCC shall give written notice thereof to the City, together with a copy of the ROFO Offer ("**ROFO Notice**"), which ROFO Offer shall include the applicable terms for the purchase or lease of the ROFO Property. The City shall have the right of first offer ("***ROFO***") to purchase or lease, as applicable, all such ROFO Property on the same terms, conditions and provisions as set out in the ROFO Offer by giving notice to LSCC of such election ("***ROFO Election Notice***") within thirty (30) days following LSCC's delivery of the ROFO Notice to the City. Following the City's delivery of the ROFO Election Notice, if applicable, the City shall deliver, and LSCC and the City shall execute, an agreement, as applicable, containing the terms and provisions of the agreement as set forth in the ROFO Offer, or as may otherwise be customary for the agreement of similar property in Williamson County, Texas to the extent not covered by the ROFO Offer, on terms, provisions and conditions reasonably acceptable to each of the City and LSCC. At closing, the City and LSCC shall perform their respective obligations under the agreement, as applicable. If the City fails to deliver the ROFO Election Notice to LSCC within the 30-day period specified above, the City's ROFO will terminate as to the applicable ROFO Offer, but not as to future ROFO Offer(s). In the event the City fails to deliver or waives an ROFO Election Notice with respect to any ROFO Offer, but the terms set forth in such ROFO Offer are thereafter modified such that the purchase price or rent is reduced by more than five percent (5%), the City's ROFO shall apply to such modified ROFO Offer in accordance with the terms, provisions and conditions set forth above.

2. Runs with the Land. The terms, provisions and conditions of this Agreement shall run with the Property, be binding upon LSCC and its successors and assigns, and inure to the benefit of the City and its successors and assigns.

3. Memorandum of ROFO/ROFR Agreement. This Agreement shall not be recorded; provided, however, the terms, provisions and conditions of this Agreement shall be memorialized on the Effective Date by the recordation of a memorandum of ROFO/ROFR Agreement in form acceptable to LSCC and the City, in each party's reasonable discretion.

4. Notices. All notices, demands or other communications of any type given by the City to LSCC, or by LSCC to the City, whether required by this Agreement or in any way related to the transaction contracted for herein, shall be void and of no effect unless given in accordance with the provisions of this paragraph 4. All notices shall be in writing and delivered to the person to whom the notice is directed, either in person, by overnight delivery service, facsimile with confirmed receipt, or by mail as a registered or certified item, return receipt requested. Notices delivered by mail shall be deemed given upon the date when deposited in a post office or other depository under the care or custody of the United States Postal Service, enclosed in a wrapper with proper postage affixed, and notices delivered by other means shall be effective when received by the party to whom the same is addressed, and such notices shall be addressed as follows:

Seller: City of Taylor
c/o Brian LaBorde
City Manager
400 Porter Street
Taylor, Texas, 76574

Purchaser: Lone Star Circle of Care
c/o Tillery Stout
General Counsel
205 E. University Avenue, Suite 200
Georgetown, Texas 78626

Either party hereto may change its address for notice by giving three (3) days prior written notice thereof to the other party.

5. Attorneys' Fees. If either party retains an attorney to enforce this Agreement, the prevailing party is entitled to recover reasonable attorneys' fees and court and other costs.

6. Time. All deadlines in this Agreement expire at 5:00 p.m. local time at the Property. If a deadline falls on a Saturday, Sunday or national holiday, the deadline will be extended to the next day that is not a Saturday, Sunday, or national holiday. Time is of the essence. A national holiday is a holiday designated by the federal government.

7. Entire Agreement; Amendment. This Agreement, with its attachments, constitutes the entire agreement of the parties concerning the subject matter of this Agreement, and there are no oral representations, warranties, agreements, or promises pertaining to the subject matter of this Agreement not incorporated in writing in the Agreement. This Agreement may be amended only by an instrument in writing signed by both parties.

8. Choice of Law. This Agreement will be construed under the laws of the State of Texas and venue shall be in Williamson County, Texas.

9. No Waiver. It is not a waiver of default if the non-defaulting party does not declare a default immediately or delays taking action with respect to the default.

10. No Third-Party Beneficiaries. There are no third-party beneficiaries of this Agreement.

11. Severability. The provisions of this Agreement are severable. If a court of competent jurisdiction finds that any provision of this Agreement is unenforceable, then the remaining provisions will remain in effect without the unenforceable parts.

12. Drafting Parties. The rule of construction that ambiguities in a document will be construed against the party that drafted it will not be applied in interpreting this Agreement.

13. No Special Relationship. The parties' relationship is an ordinary commercial relationship, and they do not intend to create the relationship of principal and agent, partnership, joint venture, or any other special relationship.

14. Counterparts. If this Agreement is executed in multiple counterparts, all counterparts taken together will constitute this Agreement.

This Agreement is executed by the City of Taylor and Lone Star Circle of Care effective as of the Effective Date.

SELLER:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By: _____
Name: Brian LaBorde
Title: City Manager

PURCHASER:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: _____
Name:
Title:

MEMORANDUM OF ROFO/ROFR AGREEMENT

STATE OF TEXAS §
§ KNOW ALL PERSONS BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

WHEREAS, **the City of Taylor, Texas**, a Texas home rule city ("**City**") and **Lone Star Circle of Care**, a Texas nonprofit corporation ("**LSCC**") have entered into that certain ROFO/ROFR Agreement (the "**ROFO/ROFR Agreement**") dated of even date herewith, giving City a right of first offer and a right of first refusal with respect to that certain land located in the City of Taylor, Williamson County, Texas, as more particularly described in **Exhibit A** attached hereto and made a part hereof (the "**Property**"), as more particularly set forth therein.

NOW, THEREFORE, for $10.00 and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the City and LSCC hereby acknowledge and agree as follows:

1. ROFO/ROFR. Notice is hereby given that City and LSCC have entered into the ROFO/ROFR Agreement with respect to the Property, wherein City possesses certain right of first refusal and right of first offer rights with respect to the Property, as more particularly described in the ROFO/ROFR Agreement.

2. Miscellaneous. This Memorandum of ROFO/ROFR Agreement (this "**Memorandum**") shall in no way be construed to modify or amend the terms of the ROFO/ROFR Agreement, it being the sole purpose hereof to serve as notice to the public of the existence of such ROFO/ROFR Agreement. In the event of any conflict between the terms, provisions or conditions of this Memorandum and the ROFO/ROFR Agreement, the ROFO/ROFR Agreement shall control.

EXECUTED effective as of the 23rd day of March 2020.

Purchaser:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: _____
Name:
Title:

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

The foregoing instrument was acknowledged before me this ____ day of _____, 2020, by _____ of the Lone Star Circle of Care, a Texas nonprofit corporation, on behalf of said corporation.

_____
Notary Public in and for
The State of Texas

Seller:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By: _____
Name: Brian LaBorde
Title: City Manager

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

The foregoing instrument was acknowledged before me this ____ day of _____, 2020, by Brian LaBorde, City Manager of the City of Taylor, a Texas home rule city.

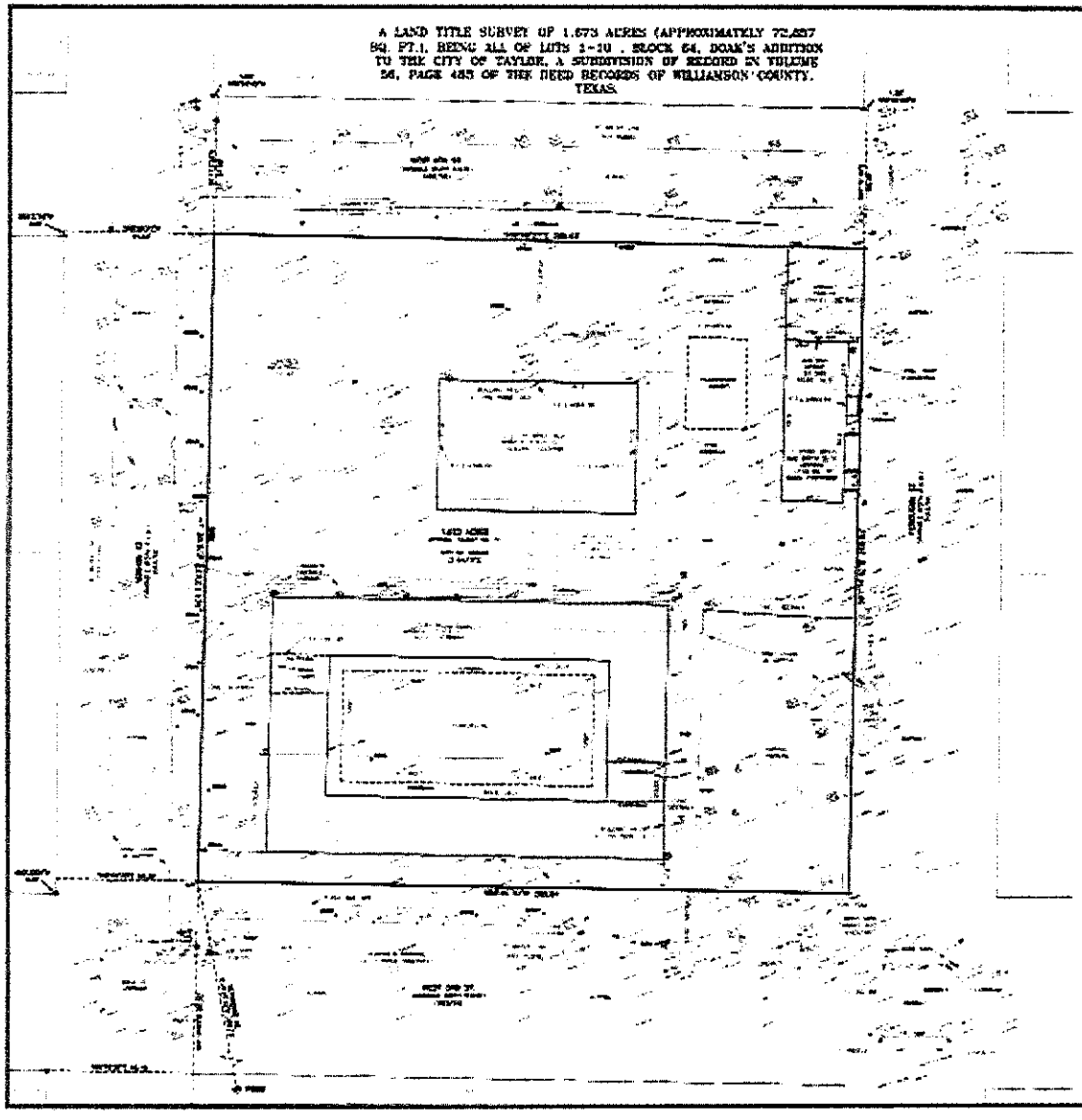
_____
Notary Public in and for
The State of Texas

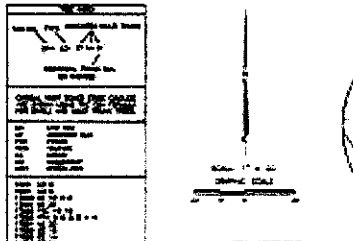
MEMORANDUM OF ROFO/ROFR AGREEMENT
EXHIBIT A - PROPERTY

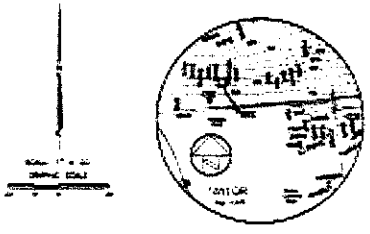
West End School Property

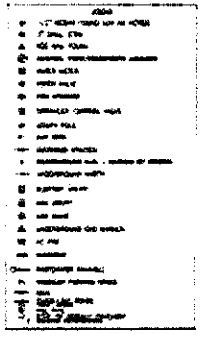
1.673 acres being all of Lots 1 – 10, Block number Sixty-four (64) in Doak's Addition to the said City of Taylor, according to the map or plat thereof, recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 1.673 ACRES (APPROXIMATELY 72,857 SQ. FT.), BEING ALL OF LOTS 1-10 , BLOCK 64, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 485 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.

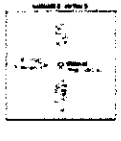


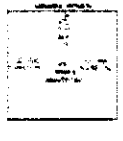












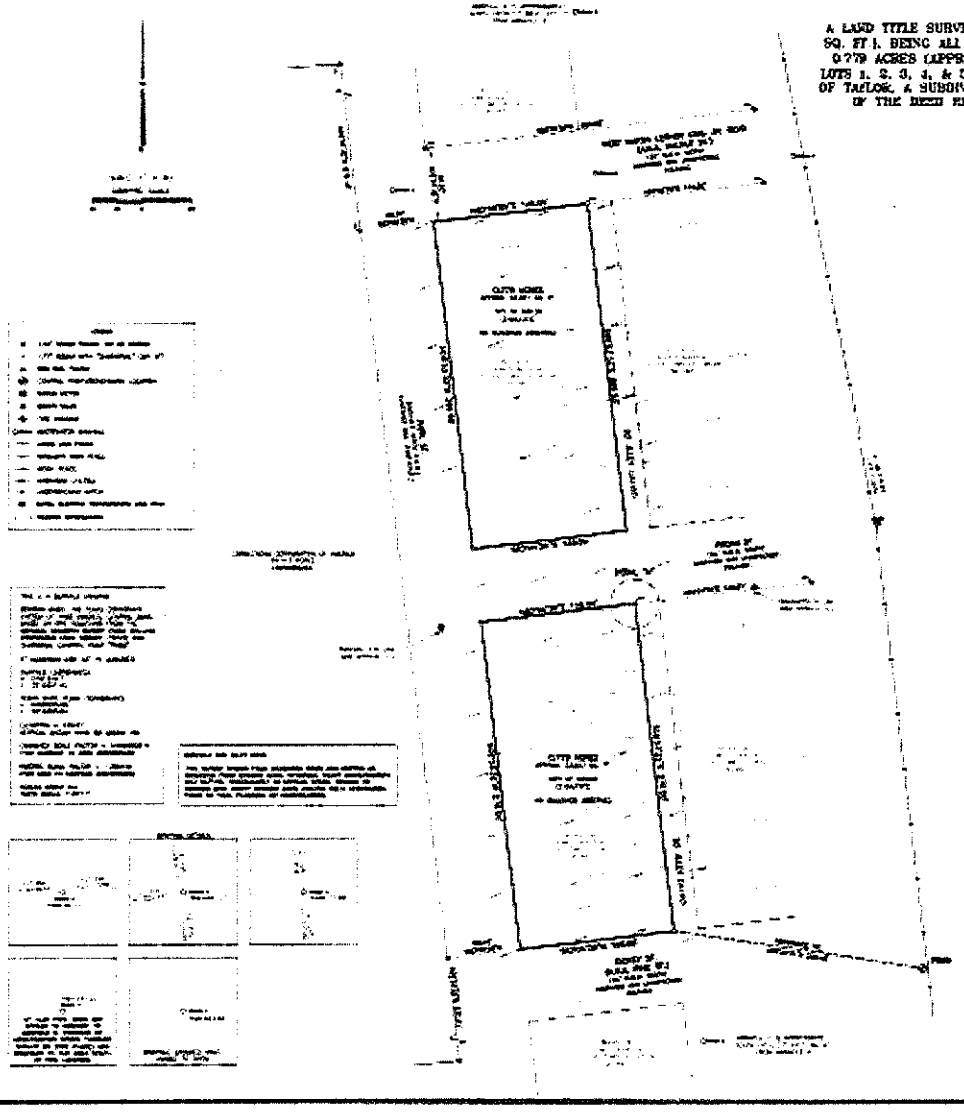


Cheparal
Professional Land Surveying, Inc.
Surveying and Mapping

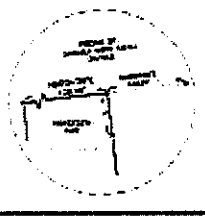
Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 0.779 ACRES (APPROXIMATELY 33,931 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 34, AND 0.779 ACRES (APPROXIMATELY 33,937 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 36, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 96, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.







Chaparral
Professional Land Surveying, Inc.
Surveying and Mapping

Exhibit "E"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

Form of Deed of Trust

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

DEED OF TRUST

Date: March 23, 2020

Grantor: LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

Grantor's Mailing Address:

205 East University Avenue
Suite 200
Georgetown, Texas 78626

Trustee: Brian LaBorde

Trustee's Mailing Address:

400 Porter Street
Taylor, Williamson County,
Texas 76574

Beneficiary: CITY OF TAYLOR, TEXAS,
a Texas home rule city

Beneficiary's Mailing Address:

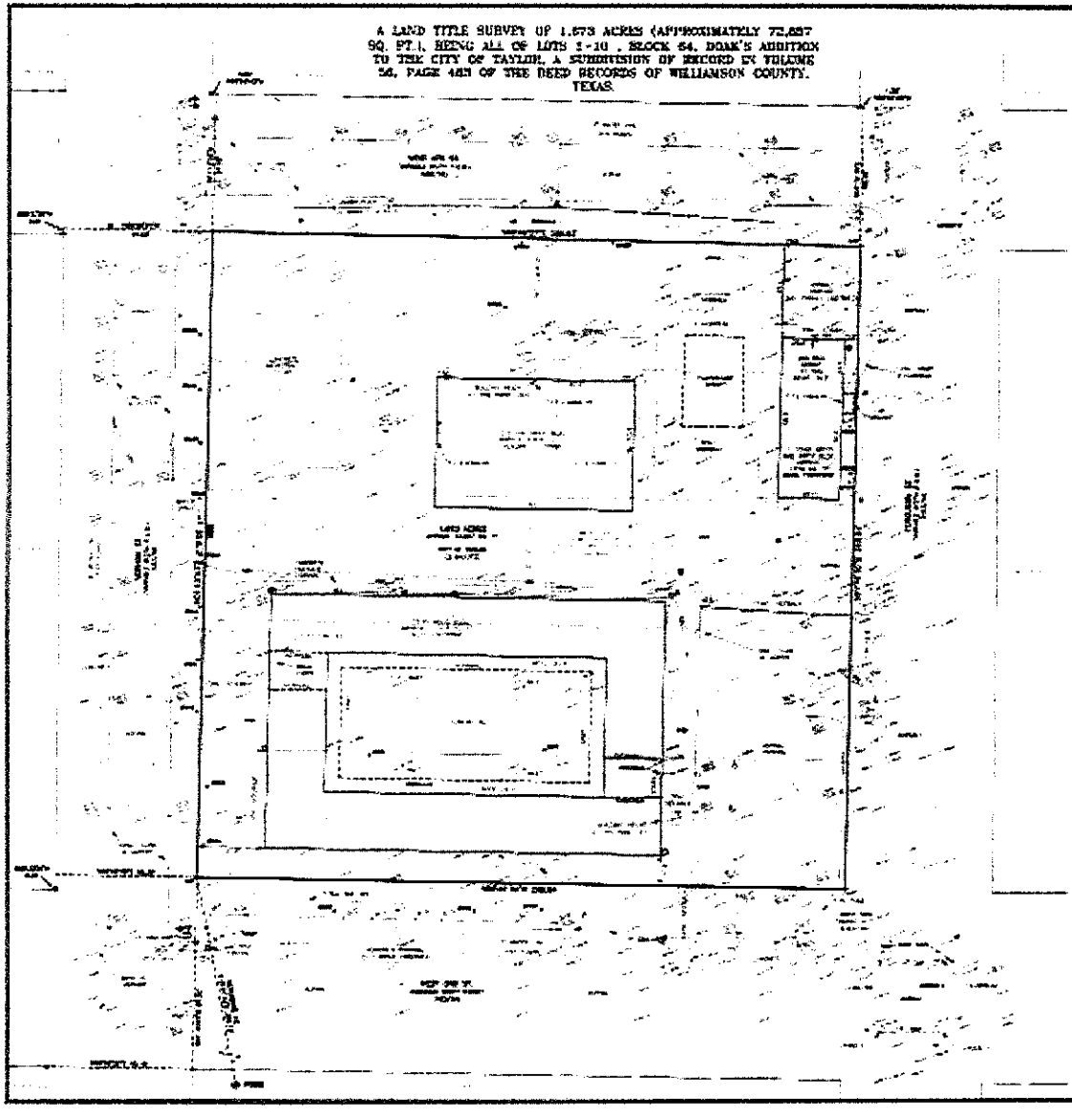
400 Porter Street
Taylor, Williamson County,
Texas 76574

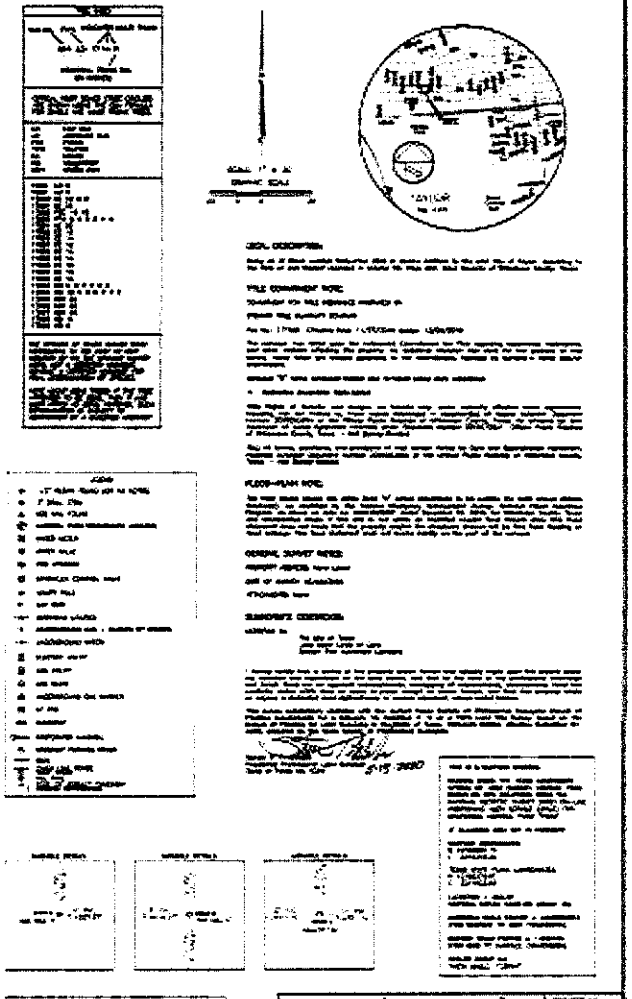
Property (including any improvements):

West End School Property

1.673 acres being all of Lots 1 – 10, Block number Sixty-four (64) in Doak's Addition to the said City of Taylor, according to the map or plat thereof, recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 1.673 ACRES (APPROXIMATELY 72,857 SQ. FT.), BEING ALL OF LOTS 1-10 , BLOCK 54, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.



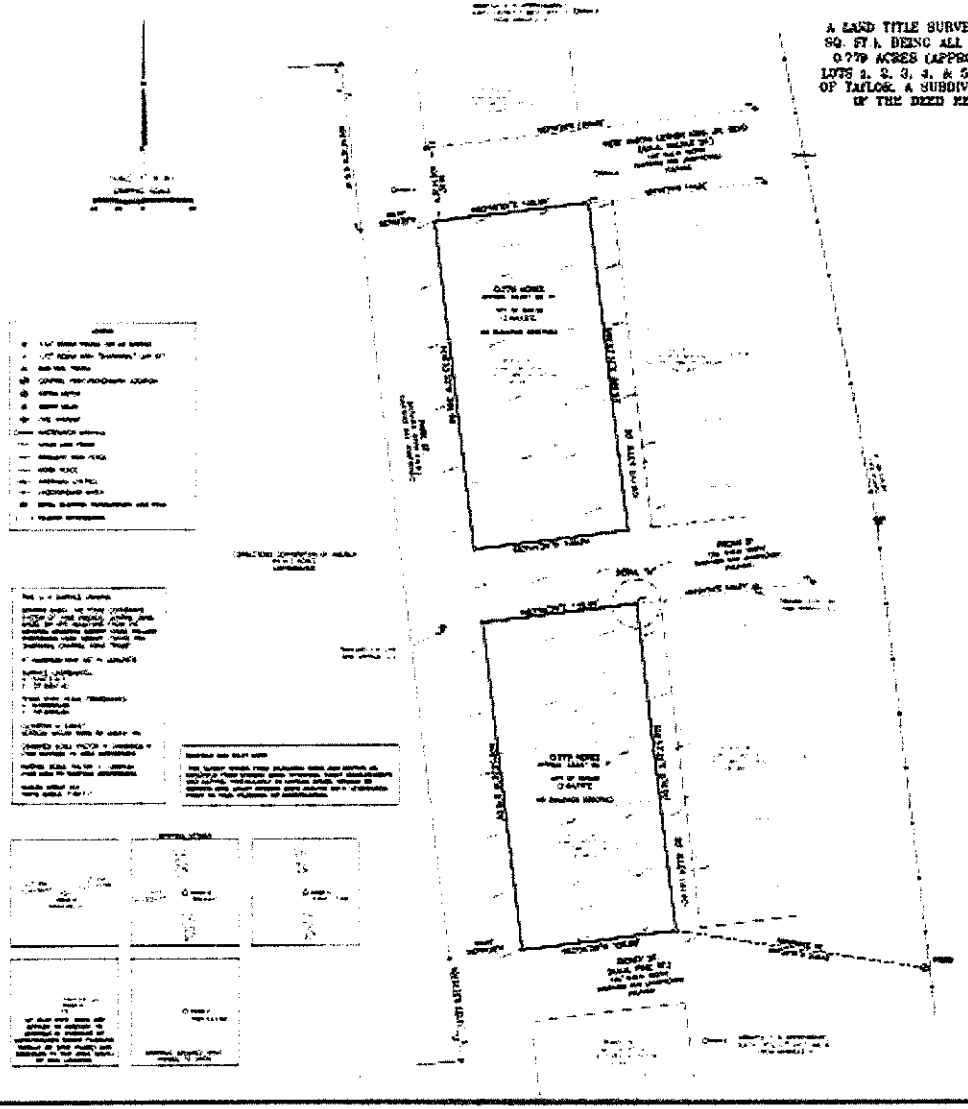


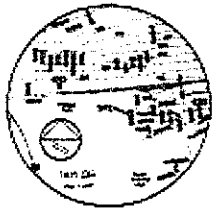
Chappard
Professional Land Surveying, Inc.
Surveying and Mapping

Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 0.779 ACRES (APPROXIMATELY 33,931 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 34, AND 0.779 ACRES (APPROXIMATELY 33,937 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 36, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.









Chesapeake
Professional Land Surveying, Inc.
Surveying and Mapping

Other Exceptions to Conveyance and Warranty: None

For value received and to secure a non-monetary obligation of Grantor as set out below, Grantor conveys the property to Trustee in trust. Grantor warrants and agrees to defend the title to the property. If Grantor performs all the Grantor Obligations set forth below, this Deed of Trust shall have no further effect, and Beneficiary shall release it at Grantor's expense.

Grantor's Obligations

Grantor agrees to complete the 380 Agreement by and between the City of Taylor, Texas and Lone Star Circle of Care, dated March 23, 2020, attached hereto and incorporated by reference. Grantor shall remain in compliance and complete the obligations of Grantor set forth in the 380 Agreement.

Grantor's failure to complete the requirements set forth in the 380 Agreement shall be considered a default of this Deed of Trust allowing Beneficiary to exercise its rights and privileges for default allowed under this Deed of Trust.

Beneficiary's Rights

1. Beneficiary may appoint in writing a substitute or successor trustee, succeeding to all rights and responsibilities of Trustee.

2. If Grantor fails to perform any of Grantor's obligations or if default occurs on a prior lien note or other instrument between Grantor and Beneficiary, and the default continues after Beneficiary gives Grantor notice of the default and the time within which it must be cured, as may be required by law or by written agreement, then Beneficiary may:

   a. request Trustee to foreclose this lien, in which case Beneficiary or Beneficiary's agent shall give notice of the foreclosure sale as provided by the Texas Property Code as then amended; and

   b. purchase the property at any foreclosure sale by offering the highest bid and then have the bid credited on the note.

Trustee's Duties

If requested by Beneficiary to foreclose this lien, Trustee shall:

1. either personally or by agent give notice of the foreclosure sale as required by the Texas Property Code as then amended;

2. sell and convey all or part of the property to the highest bidder for cash with a special warranty binding Grantor, subject to prior liens and to other exceptions to conveyance and warranty; and

3. from the proceeds of the sale, pay, in this order:

a. expenses of foreclosure, including a commission to Trustee of 5% of the bid;

b. to Beneficiary, the full amount of principal, interest, attorney's fees, and other charges due and unpaid;

c. any amounts required by law to be paid before payment to Grantor; and

d. to Grantor, any balance.

General Provisions

1. If any of the property is sold under this Deed of Trust, Grantor shall immediately surrender possession to the purchaser. If Grantor fails to do so, Grantor shall become a tenant at sufferance of the purchaser, subject to an action for forcible detainer.

2. Recitals in any Trustee's deed conveying the property will be presumed to be true.

3. Proceeding under this Deed of Trust, filing suit for foreclosure, or pursuing any other remedy will not constitute an election of remedies.

4. This lien shall remain superior to liens later created even if the time of payment of all or part of the note is extended or part of the property is released.

5. Grantor assigns to Beneficiary all sums payable to or received by Grantor from condemnation of all or part of the Property, from private sale in lieu of condemnation and from damages caused by public works or construction on or near the Property. After deducting any expenses incurred by Beneficiary, including attorney's fees, Beneficiary shall release any remaining sums to Grantor or apply such sums to reduce the note, if any. Beneficiary shall not be liable for failure to collect or to exercise diligence in collecting any such sums.

6. Grantor assigns to Beneficiary absolutely, not only as collateral, all present and future rent and other income and receipts from the Property. Leases are not assigned. Grantor warrants the validity and enforceability of the assignment. Grantor may as Beneficiary's licensee collect rent and other income and receipts as long as Grantor is not in default under the note (if any) or this Deed of Trust. Grantor will apply all rent and other income and receipts to payment of the note and performance of this Deed of Trust, but if the rent and other income and receipts exceed the amount due under the note and deed of trust, Grantor may retain the excess. If Grantor defaults in payment of the note or performance of this Deed of Trust, Beneficiary may terminate Grantor's license to collect and then as Grantor's agent may rent the property if it is vacant and collect all rent and other income and receipts. Beneficiary neither has nor assumes any obligations as lessor or landlord with respect to any occupant of the property. Beneficiary may exercise Beneficiary's rights and remedies under this paragraph without taking possession of the Property. Beneficiary shall apply all rent and other income and receipts collected under this paragraph first to expenses incurred in exercising Beneficiary's rights and remedies and then to Grantor's obligations under the note and this Deed of Trust in the order determined by Beneficiary. Beneficiary is not required to act under this paragraph, and acting under this paragraph does not waive any of Beneficiary's other rights or remedies. If Grantor becomes voluntarily or

involuntarily bankrupt, Beneficiary's filing a proof of claim in bankruptcy will be tantamount to the appointment of a receiver under Texas law.

7. When the context requires, singular nouns and pronouns include the plural.

8. The term note (if any) includes all sums secured by this Deed of Trust.

9. This Deed of Trust shall bind, inure to the benefit of, and be exercised by successors in interest of all parties.

10. Grantor represents that this Deed of Trust is given to secure Grantor's Obligations as detailed above.

11. Grantor agrees that in the event of any sale, voluntary, judicial or made under the terms of this Deed of Trust, of the Property herein described, the purchaser at such sale shall acquire title to all insurance policies thereon held by the Beneficiary, including not only all paid, but unearned premiums on said policies.

13. Beneficiary may, at its option, declare immediately due and payable all sums secured by this Deed of Trust upon the sale or transfer, without the Beneficiary's prior written consent, of all or any part of the Property, or any interest in the Property. A "sale or transfer" means the conveyance of Property or any right, title or interest therein; whether legal or equitable; whether voluntary or involuntary; whether by outright sale, deed, installment sales contract, land contract, contract for deed, leasehold interest with a term greater than three (3) years, lease-option contract, or by sale, assignment, or transfer of any beneficial interest in or to any land trust holding title to the Property, or by any other method of conveyance of Property interest. Notwithstanding the foregoing, "sale or transfer" shall not include any lease of the Property by Grantor to Harris Ross Head Start, a division of Opportunities for Williamson and Burnet Counties, or to any entity administering a program that positively influences early childhood development, healthy aging or better nutrition. If any Grantor is a corporation or partnership, transfer also includes any change in ownership of more than twenty-five percent (25%) of the voting stock or partnership interests, as the case may be, of Grantor. However, this option shall not be exercised by Beneficiary if such exercise is prohibited by federal law or by Texas law.

GRANTOR:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

_____

By:
Its:

STATE OF TEXAS,
COUNTY OF WILLIAMSON

This instrument was sworn to and acknowledged before me on this the _____ day of _____, 2020, by _____, _____ of LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation, on behalf of said nonprofit corporation.

_____

Notary Public, State of Texas

BENEFICIARY:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

_____

By: Brian LaBorde
Its: City Manager

STATE OF TEXAS,
COUNTY OF WILLIAMSON

This instrument was sworn to and acknowledged before me on this the _____ day of _____, 2020, by _____, _____ of CITY OF TAYLOR, TEXAS, a Texas home rule city, on behalf of said Texas home rule city.

_____

Notary Public, State of Texas

AFTER RECORDING RETURN TO:
City of Taylor, Texas
400 Porter Street
Taylor, Texas 76574

With a copy to:
Lone Star Circle of Care
205 E. University Avenue, Suite 200
Georgetown, Texas 78626
Attention: General Counsel

Exhibit "F"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

Form of Assignment and Assumption of Lease Agreement

ASSIGNMENT AND ASSUMPTION AGREEMENT

This Assignment and Assumption Agreement (this "***Agreement***") effective as of March 23, 2020 (the "***Effective Date***"), is by and between the City of Taylor, Texas, a Texas home rule city ("***City***") and Lone Star Circle of Care, a Texas nonprofit corporation ("***LSCC***").

WHEREAS, LSCC and City have entered a Chapter 380 Economic Development Agreement (the "***380 Agreement***"), effective as of March 23, 2020, pursuant to which, among other things, City has agreed to assign all of its rights, title and interests in, and LSCC has agreed to assume all of City's duties and obligations under that certain Lease Agreement effective April 1, 1999, between the City and Williamson-Burnet County Opportunities, Inc., a Texas corporation ("***WBCO***"), recorded as Document No. 2000053804, Official Public Records of Williamson County, Texas, as amended by that certain Addendum to Lease Agreement Dated March 22, 1999, effective as of July 18, 2006, between the City and WBCO, recorded as Document No. 2006073551, Official Public Records of Williamson County, Texas (as amended, the "***Ground Lease***").

NOW, THEREFORE, in consideration of the mutual covenants, terms and conditions set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Definitions. All capitalized terms used in this Agreement but not otherwise defined herein are given the meanings set forth in the 380 Agreement.

2. Assignment and Assumption. Pursuant to Sections 4.02 and 8.01 of the Ground Lease, the City hereby sells, assigns, grants, conveys and transfers to LSCC all of the City's right, title and interest in and to the Ground Lease. LSCC hereby accepts such assignment and assumes all of the City's rights, duties and obligations under the Ground Lease and agrees to pay, perform and discharge, as and when due, all of the obligations of the City under the Ground Lease.

3. Notices. Notices or communications required or permitted therein shall be given by the respective parties by registered or certified mail (said notice being deemed given as of the date of mailing) or by hand delivery at the following addresses unless either party shall otherwise designate its new address by written notice.

Lone Star Circle of Care Attn: General Counsel 205 E. University Avenue, Suite 200 Georgetown, TX 78626	City of Taylor Attn: City Manager 400 Porter Street Taylor, TX 76574

4. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of Texas excluding its conflict of laws principles and without reference to any rules of construction regarding the party responsible for drafting.

5. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Agreement delivered by facsimile, email or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement.

6. Further Assurances. Each of the parties hereto shall execute and deliver, at the reasonable request of the other party hereto, such additional documents, instruments, conveyances and assurances and take such further actions as such other party may reasonably request to carry out the provisions hereof and give effect to the transactions contemplated by this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement to be effective as of the date first above written.

CITY:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By:_____
Name: Brian LaBorde
Title: City Manager

LSCC:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: _____
Name:
Title:

Exhibit "G"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

Condition of Receipt of Public Subsidies/Agreement Regarding Repayment of Interest

CONDITION ON RECEIPT OF PUBLIC SUBSIDIES/AGREEMENT REGARDING REPAYMENT OF INTEREST

WHEREAS, LONE STAR CIRCLE OF CARE has submitted an application to receive a public subsidy as defined in Chapter 2264, Texas Government Code (hereinafter "the Code"); and

WHEREAS, LONE STAR CIRCLE OF CARE has certified in said application that neither said business, nor a branch, division or department of said business knowingly employs or will hereafter knowingly employ an undocumented worker (as defined in the Code); and

WHEREAS the Code stated that if any business, or a branch, division, or department of the business, after receiving a public subsidy, is convicted of a violation under 8 U.S.C., Section 1324(f), the business shall be required to repay the amount of the public subsidy with interest; and

WHEREAS the Code requires that as a condition precedent to CITY OF TAYLOR, TEXAS providing such public subsidy, LONE STAR CIRCLE OF CARE must enter into a written agreement specifying the rate and terms of the payment of interest if LONE STAR CIRCLE OF CARE is required to repay the public subsidy.

NOW THEREFORE KNOW ALL MEN BY THESE PRESENTS THAT THE CITY OF TAYLOR, TEXAS, and LONE STAR CIRCLE OF CARE hereby agree that if, after receiving a public subsidy from the CITY OF TAYLOR, TEXAS, LONE STAR CIRCLE OF CARE is convicted of a violation of 8 U.S.C., Section 1324(f), that LONE STAR CIRCLE OF CARE shall repay the amount of the public subsidy together with interest at the rate of twelve (12) percent per annum, such interest to begin accruing on the date of such conviction and to continue until all sums owed under this agreement are paid. Such repayment plus said interest shall be due and payable not later than the 120th day after the date that the CITY OF TAYLOR, TEXAS, notifies LONE STAR CIRCLE OF CARE of the conviction.

Interest on the public subsidy as referenced above shall not exceed the maximum amount of nonusurious interest that may be contracted for, taken, reserved, charged, or received under law; any interest in excess of that maximum amount shall be credited on the repayment or, if that has been paid, refunded.

All payments due under this document shall be payable in Taylor, Williamson County, Texas.

In the event that a civil action is brought by a public agency, local taxing jurisdiction, the CITY OF TAYLOR, TEXAS, or the Texas Attorney General to recover any amounts owed to the CITY OF TAYLOR, TEXAS, under the Code and this agreement, the said party shall also be

entitled to recover from LONE STAR CIRCLE OF CARE, all court costs and reasonable attorney's fees incurred in such action.

CITY OF TAYLOR, TEXAS, a Texas home rule city.	LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation.
By: Brian LaBorde Its: City Manager	By: Its:

Exhibit "H"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

Form of Easement Agreement

EASEMENT AGREEMENT

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

Date: March 23, 2020

Grantee: CITY OF TAYLOR, TEXAS
City Manager

Grantee's Mailing Address:

400 Porter Street
Taylor, Texas, 76574

Grantor: LONE STAR CIRCLE OF CARE

Grantor's Mailing Address:

205 East University Avenue
Suite 200
Georgetown, Texas 78626

Easement Property:

0.050 acres (approximately 2,160 square feet) in the James C. Eaves Survey No. 205, Abstract No. 214, City of Taylor, Williamson County, Texas, being 4' off the east line of Blocks 34 and 36 of Doak's Addition to the Town of Taylor, a subdivision of record in Volume 56, Page 483 of the deed records of Williamson County, Texas, and conveyed to the City of Taylor in a Gift Deed dated December 14, 1995 and recorded in Volume 2154, Page 372 of the Official Records of Williamson County, Texas; said 0.050 acre tract as further depicted in the survey attached hereto as Exhibit "A" and being more particularly described by metes and bounds as follows:

PART 1
(0.025 ACRES, 2,160 SQ. FT.)

COMMENCING at a 1/2-inch rebar found in the southwest corner of Block 32 of said Doak's Addition, the north right-of-way line of West Martin Luther King, Jr. Blvd. (A.K.A. Walnut Street, 60' right-of-way- width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas and the east right-of-way line of Park Street (variable width right-of-way) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas;

Thence South 06°53'32" East, crossing said West Martin Luther King, Jr. Blvd. a distance of 60.00 feet to a 1/2-inch rebar with "Chaparral" cap set in the northwest corner of Lot 5, Block 34 of said Doak's Addition, the south right-of-way line of said West Martin Luther King, Jr. Blvd. and the east right-of-way line of said Park Street;

Thence North 83°06'09" East, with north line of said Lot 5, Block 34 and the south right-of-way line of West Martin Luther King, Jr. Blvd a distance of 121.69 feet to a calculated point for the **POINT OF BEGINNING** of herein described tract;

THENCE North 83°06'09" East, with north line of said Lot 5, Block 34 and the south right-of-way line of West Martin Luther King, Jr. Blvd a distance of **4.00 feet** to a 1/2-inch rebar with "Chaparral" cap set in the northeast corner of said Lot 5, Block 34 and the west line of an alley (20' right-of-way width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas;

THENCE South 06°53'32" East, with the east line of Lots 1-5 of Block 34 and the west right-of-way line of said alley, a distance of **269.93 feet** to a 1/2-inch rebar with "Chaparral" cap set in the southeast corner of Lot 1, Block 34 of said Doak's Addition and the north right-of-way line of Pecan Street (60' right-of-way- width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas;

THENCE South 83°04'39" West, with the south line of Block 34 and the North Line of Said Pecan Street a distance of **4.00 feet** to a calculated point;

THENCE North 06°53'32" West, crossing Block 34 a distance of **269.93 feet** to the **POINT OF BEGINNING**, containing 0.025 acres of land, more or less.

PART 2
(0.025 ACRES, 2,160 SQ. FT.)

COMMENCING at a 1/2-inch rebar found in the southwest corner of Block 32 of said Doak's Addition, the north right-of-way line of said West Martin Luther King, Jr. Blvd. (A.K.A. Walnut Street,) and the east right-of-way line of said Park Street (variable width right-of-way);

Thence South 06°53'32" East, crossing said West Martin Luther King, Jr. Blvd. a distance of 60.00 feet to a 1/2-inch rebar with "Chaparral" cap set in the northwest corner of Lot 5, Block 34 of said Doak's Addition, the south right-of-way line of said West Martin Luther King, Jr. Blvd. and the east right-of-way line of said Park Street;

Thence North 83°06'09" East, with north line of said Lot 5, Block 34 and the south right-of-way line of West Martin Luther King, Jr. Blvd a distance of 125.69 feet to a 1/2-inch rebar with "Chaparral" cap set in the northeast corner of said Lot 5, Block 34 and the west line of a said alley;

Thence South 06°53'32" East, with the east line of Lots 1-5 of Block 34 and the west right-of-way line of said alley, a distance of 269.93 feet to a 1/2-inch rebar with "Chaparral" cap set in the southeast corner of said Lot 1, Block 34 and the north right-of-way line of said Pecan Street (60' right-of-way- width);

Thence 06°53'32" East, crossing Pecan Street a distance of 60.00 feet to a calculated point in the south right-of-way line of Pecan Street, the northeast corner of Lot 5, Block 36 of Said Doak's Addition and the west right-of-way line of an alley (20' right-of-way width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas for the **POINT OF BEGINNING** of herein described tract;

THENCE South 06°53'32" East, with the east line of Lots 1-5 of Block 36 and the west right-of-way line of said alley **270.00 feet** to a 1/2-inch rebar with "Chaparral" cap set in the southeast corner of Lot 1, Block 36 of said Doak's Addition and the north right-of-way line of Dickey Street (A.K.A. Pine Street, 60' right-of-way- width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas;

THENCE South 83°04'39" West, with south line of Block 36 and the north right-of-way line of said Dickey Street a distance of **4.00 feet** to a calculated point;

THENCE North 06°53'32" West, crossing Block 36 a distance of **270.00 feet** to a calculated point in the north line of Block 36 and the south line of Pecan Street;

THENCE North 83°04'39" East, with the north line of Block 36 and the south right-of-way line of Pecan Street a distance of **4.00 feet** to the to the **POINT OF BEGINNING**, containing 0.025 acres of land, more or less.

Easement Purpose:

As an easement for the installation, construction, operation, maintenance, replacement, repair, upgrade, and removal of wastewater pipes, lines, wastewater devices, and related facilities (collectively, the "Facilities").

Consideration:

Good and valuable consideration, the receipt and sufficiency of which are acknowledged by Grantor. As additional consideration, Grantee shall maintain the Easement Property and shall repair any damage to the remainder estate caused by the construction or operation of the Facilities and Easement.

Reservations from Conveyance: None

Exceptions to Warranty: None

Grant of Easement:

Grantor, for the Consideration and subject to the Reservations from Conveyance and Exceptions to Warranty, grants, sells, and conveys to Grantee and Grantee's successors, and assigns an easement over, on, and across the Easement Property for the Easement Purpose, together with all and singular the rights and appurtenances thereto in any way belonging (collectively, the "Easement"), to have and to hold the Easement to Grantee and Grantee's successors, and assigns forever. Grantor binds Grantor and Grantor's successors, and assigns to warrant and forever defend the title to the Easement in Grantee and Grantee's successors, and assigns against every person whomsoever lawfully claiming or to claim the Easement or any part of the Easement, except as to the Reservations from Conveyance and Exceptions to Warranty.

Terms and Conditions:

The following terms and conditions apply to the Easement granted by this agreement:

1. *Character of Easement.* The Easement is exclusive and irrevocable. The Easement is for the benefit of Grantee and Grantee's successors, and assigns ("Holder").

2. *Reservation of Rights. Equitable Rights of Enforcement.* This Easement may be enforced by restraining orders and injunctions (temporary or permanent) prohibiting interference and commanding compliance. Restraining orders and injunctions will be obtainable on proof of the existence of interference or threatened interference,

without the necessity of proof of inadequacy of legal remedies or irreparable harm, and will be obtainable only by the parties to or those benefited by this agreement; provided, however, that the act of obtaining an injunction or restraining order will not be deemed to be an election of remedies or a waiver of any other rights or remedies available at law or in equity.

3. *Binding Effect.* This agreement binds and inures to the benefit of the parties and their respective successors and permitted assigns.

4. *Choice of Law.* This agreement will be construed under the laws of the State of Texas, without regard to choice-of-law rules of any jurisdiction. Venue is in Williamson County, Texas.

5. *Counterparts.* This agreement may be executed in any number of counterparts with the same effect as if all signatory parties had signed the same document. All counterparts will be construed together and will constitute one and the same instrument.

6. *Waiver of Default.* It is not a waiver of or consent to default if the nondefaulting party fails to declare immediately a default or delays in taking any action. Pursuit of any remedies set forth in this agreement does not preclude pursuit of other remedies in this agreement or provided by law.

7. *Further Assurances.* Each signatory party agrees to execute and deliver any additional documents and instruments and to perform any additional acts necessary or appropriate to perform the terms, provisions, and conditions of this agreement and all transactions contemplated by this agreement.

8. *Integration.* This agreement contains the complete agreement of the parties and cannot be varied except by written agreement of the parties. The parties agree that there are no oral agreements, representations, or warranties that are not expressly set forth in this agreement.

9. *Legal Construction.* If any provision in this agreement is for any reason unenforceable, to the extent the unenforceability does not destroy the basis of the bargain among the parties, the unenforceability

will not affect any other provision hereof, and this agreement will be construed as if the unenforceable provision had never been a part of the agreement. Whenever context requires, the singular will include the plural and neuter include the masculine or feminine gender, and vice versa. Article and section headings in this agreement are for reference only and are not intended to restrict or define the text of any section. This agreement will not be construed more or less favorably between the parties by reason of authorship or origin of language.

10. Notices. Any notice required or permitted under this agreement must be in writing. Any notice required by this agreement will be deemed to be delivered (whether actually received or not) when deposited with the United States Postal Service, postage prepaid, certified mail, return receipt requested, and addressed to the intended recipient at the address shown in this agreement. Notice may also be given by regular mail, personal delivery, courier delivery, facsimile transmission, or other commercially reasonable means and will be effective when actually received. Any address for notice may be changed by written notice delivered as provided herein.

11. *Recitals.* Any recitals in this agreement are represented by the parties to be accurate, and constitute a part of the substantive agreement.

12. *Time.* Time is of the essence. Unless otherwise specified, all references to "days" mean calendar days. Business days exclude Saturdays, Sundays, and legal public holidays. If the date for performance of any obligation falls on a Saturday, Sunday, or legal public holiday, the date for performance will be the next following regular business day.

GRANTOR:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

_____

By:
Its:

STATE OF TEXAS,
COUNTY OF WILLIAMSON

This instrument was sworn to and acknowledged before me on this the _____ day of _____, 2020, by _____, _____ of LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation, on behalf of said nonprofit corporation.

_____
Notary Public, State of Texas

GRANTEE:

CITY OF TAYLOR, TEXAS,

a Texas home rule city

_____

By: Brian LaBorde
Its: City Manager

STATE OF TEXAS,
COUNTY OF WILLIAMSON

This instrument was sworn to and acknowledged before me on this the _____ day of _____, 2020, by _____, _____ of CITY OF TAYLOR, TEXAS, a Texas home rule city, on behalf of said Texas home rule city.

Easement Agreement

Exhibit "A"

Chaparral

Professional Land Surveying, Inc.
Surveying and Mapping

Office: 512-443-1724
Fax: 512-389-0943

3500 McCall Lane
Austin, Texas 78744

EXHIBIT "A"

PORTION OF BLOCKS 34 & 36
DOAK'S ADDITION TO
THE TOWN OF TAYLOR
(4' WIDE DRAINAGE EASEMENT)

0.050 ACRES
JAMES C. EAVES SURVEY NO. 205, ABSTRACT NO. 214
CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS

A DESCRIPTION OF 0.050 ACRES (APPROXIMATELY 2,160 SQ. FT.) IN THE JAMES C. EAVES SURVEY NO. 205, ABSTRACT NO. 214, CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS, BEING 4' OFF THE EAST LINE OF BLOCKS 34 AND 36 OF DOAK'S ADDITION TO THE TOWN OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, AND CONVEYED TO THE CITY OF TAYLOR IN A GIFT DEED DATED DECEMBER 14, 1995 AND RECORDED IN VOLUME 2154, PAGE 372 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS.; SAID 0.050 ACRE TRACT BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

PART 1
(0.026 ACRES, 2,160 SQ. FT.)

COMMENCING at a 1/2-inch rebar found in the southwest corner of Block 32 of said Doak's Addition, the north right-of-way line of West Martin Luther King, Jr. Blvd. (A.K.A. Walnut Street, 60' right-of-way- width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas and the east right-of-way line of Park Street (variable width right-of-way) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas;

Thence South 06°53'32" East, crossing said West Martin Luther King, Jr. Blvd. a distance of 60.00 feet to a 1/2-inch rebar with "Chaparral" cap set in the northwest corner of Lot 5, Block 34 of said Doak's Addition, the south right-of-way line of said West Martin Luther King, Jr. Blvd. and the east right-of-way line of said Park Street;

Thence North 83°06'09" East, with north line of said Lot 5, Block 34 and the south right-of-way line of West Martin Luther King, Jr. Blvd a distance of 121.69 feet to a calculated point for the **POINT OF BEGINNING** of herein described tract;

THENCE North 83°06'09" East, with north line of said Lot 5, Block 34 and the south right-of-way line of West Martin Luther King, Jr. Blvd a distance of **4.00 feet** to a 1/2-inch rebar with "Chaparral" cap set in the northeast corner of said Lot 5, Block 34 and the west line of an alley (20' right-of-way width) as recorded in Volume 56, Page 483 of the Deed Records of Williamscn County, Texas;

THENCE South 06°53'32" East, with the east line of Lots 1-5 of Block 34 and the west right-of-way line of said alley, a distance of **269.93 feet** to a 1/2-Inch rebar with "Chaparral" cap set in the southeast corner of Lot **1**, Block 34 of said Doak's Addition and the north right-of-way line of Pecan Street (60' right-of-way- width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas;

THENCE South 83°04'39" West, with the south line of Block 34 and the North Line of Said Pecan Street a distance of **4.00 feet** to a calculated point;

THENCE North 06°53'32" West, crossing Block 34 a distance of **269.93 feet** to the **POINT OF BEGINNING**, containing 0.025 acres of land, more or less.

PART 2
(0.025 ACRES, 2,160 SQ. FT.)

COMMENCING at a 1/2-Inch rebar found in the southwest corner of Block 32 of said Doak's Addition, the north right-of-way line of said West Martin Luther King, Jr. Blvd. (A.K.A. Walnut Street,) and the east right-of-way line of said Park Street (variable width right-of-way);

Thence South 06°53'32" East, crossing said West Martin Luther King, Jr. Blvd. a distance of 60.00 feet to a 1/2-Inch rebar with "Chaparral" cap set in the northwest corner of Lot 5, Block 34 of said Doak's Addition, the south right-of-way line of said West Martin Luther King, Jr. Blvd. and the east right-of-way line of said Park Street;

Thence North 83°06'09" East, with north line of said Lot 5, Block 34 and the south right-of-way line of West Martin Luther King, Jr Blvd a distance of 125.69 feet to a 1/2-Inch rebar with "Chaparral' cap set in the northeast corner of said Lot 5, Block 34 and the west line of a said alley;

Thence South 06°53'32" East, with the east line of Lots 1-5 of Block 34 and the west right-of-way line of sa d alley, a distance of 269.93 feet to a 1/2-Inch rebar with "Chaparral" cap set in the southeast corner of said Lot 1, Block 34 and the north right-of-way line of said Pecan Street (60' right-of-way- width);

Thence 06°53'32" East, crossing Pecan Street a distance of 60.00 feet to a calculated point in the south right-of-way line of Pecan Street, the northeast corner of Lot 5, Block 36 of Said Doak's Addition and the west right-of-way line of an alley (20' right-of-way width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas for the **POINT OF BEGINNING** of herein described tract;

THENCE South 06°53'32" East, with the east line of Lots 1-5 of Block 36 and the west right-of-way line of said alley **270.00 feet** to a 1/2-inch rebar with "Chaparral" cap set in the southeast corner of Lot 1, Block 36 of said Doak's Addition and the north right-of-way line of Dickey Street (A.K.A. Pine Street, 60' right-of-way- width) as recorded in Volume 56, Page 483 of the Deed Records of Williamson County, Texas;

THENCE South 83°04'39" West, with south line of Block 36 and the north right-of-way line of said Dickey Street a distance of **4.00 feet** to a calculated point;

THENCE North 06°53'32" West, crossing Block 36 a distance of **270.00 feet** to a calculated point in the north line of Block 36 and the south line of Pecan Street;

THENCE North 83°04'39" East, with the north line of Block 36 and the south right-of-way line of Pecan Street a distance of **4.00 feet** to the to the **POINT OF BEGINNING,** containing 0.025 acres of land, more or less.

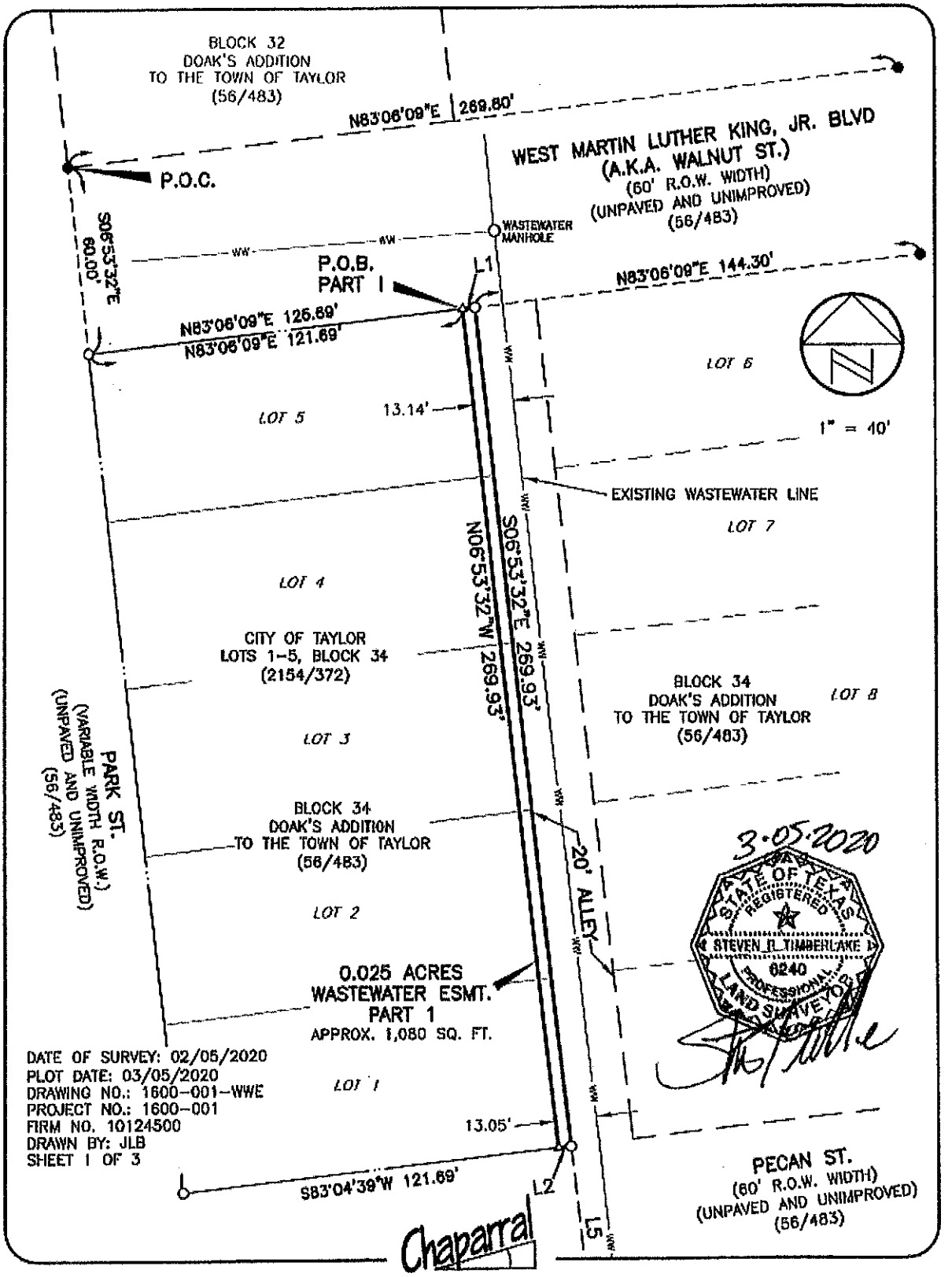
Surveyed on the ground on February 05, 2020.

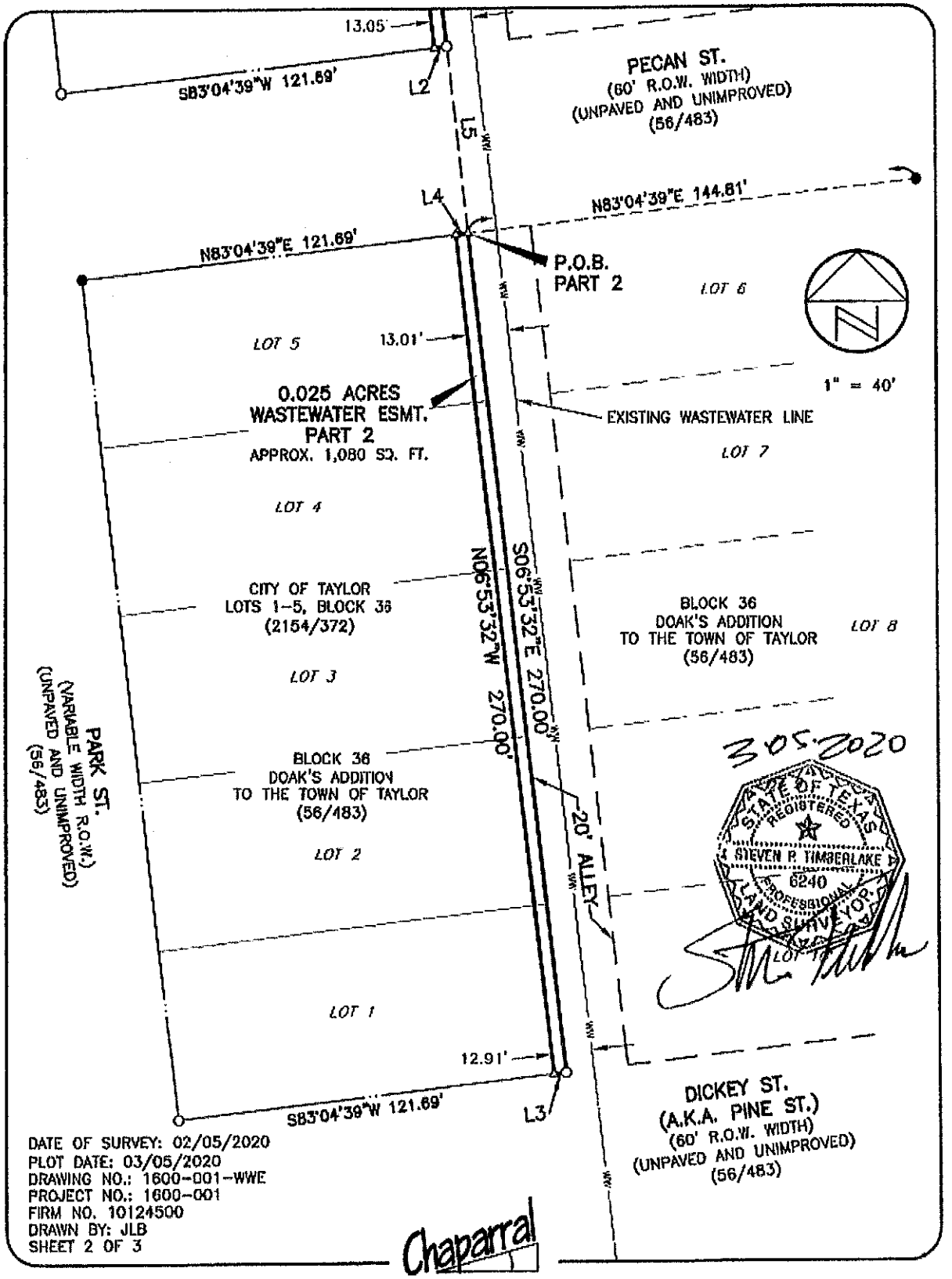
Bearing Basis: The Texas State Plane Coordinate System of 1983 (NAD83), Central Zone
Attachments: Survey Drawing No. 1600-001-WWE

Stephen P. Timberlake 3.05.2020
Registered Professional Land Surveyor
State of Texas No. 6240
Firm No. 10124500

STATE OF TEXAS
REGISTERED
STEVEN P. TIMBERLAKE
6240
PROFESSIONAL
LAND SURVEYOR

REFERENCES
WCAD Property ID: R016547, R016564


BLOCK 32
DOAK'S ADDITION
TO THE TOWN OF TAYLOR
(56/483)
N83°06'09"E 269.80'
WEST MARTIN LUTHER KING, JR. BLVD
(A.K.A. WALNUT ST.)
(60' R.O.W. WIDTH)
(UNPAVED AND UNIMPROVED)
(56/483)
P.O.C.
S06°53'32"E 60.00'
WASTEWATER MANHOLE
P.O.B. PART 1
L1
N83°06'09"E 144.30'
N83°06'09"E 125.69'
N83°06'09"E 121.69'
LOT 6
LOT 5
13.14'
1" = 40'
EXISTING WASTEWATER LINE
LOT 7
LOT 4
N06°53'32"W 269.93'
S06°53'32"E 269.93'
CITY OF TAYLOR
LOTS 1-5, BLOCK 34
(2154/372)
BLOCK 34
DOAK'S ADDITION
TO THE TOWN OF TAYLOR
(56/483)
LOT 8
LOT 3
PARK ST.
(VARIABLE WIDTH R.O.W.)
(UNPAVED AND UNIMPROVED)
(56/483)
BLOCK 34
DOAK'S ADDITION
TO THE TOWN OF TAYLOR
(56/483)
20' ALLEY
LOT 2
0.025 ACRES
WASTEWATER ESMT.
PART 1
APPROX. 1,080 SQ. FT.
LOT 1
13.05'
S83°04'39"W 121.69'
L2
L5
PECAN ST.
(60' R.O.W. WIDTH)
(UNPAVED AND UNIMPROVED)
(56/483)
3-05-2020
STATE OF TEXAS
REGISTERED
STEVEN R. TIMBERLAKE
6240
PROFESSIONAL
LAND SURVEYOR
DATE OF SURVEY: 02/05/2020
PLOT DATE: 03/05/2020
DRAWING NO.: 1600-001-WWE
PROJECT NO.: 1600-001
FIRM NO. 10124500
DRAWN BY: JLB
SHEET 1 OF 3
Chaparral



3.05.2020

STATE OF TEXAS
REGISTERED
STEVEN R. TIMBERLAKE
6240
PROFESSIONAL
LAND SURVEYOR

DATE OF SURVEY: 02/05/2020
PLOT DATE: 03/05/2020
DRAWING NO.: 1600-001-WWE
PROJECT NO.: 1600-001
FIRM NO. 10124500
DRAWN BY: JLB
SHEET 2 OF 3

Chaparral

SKETCH TO ACCOMPANY A DESCRIPTION OF 0.050 ACRES (APPROXIMATELY 2,160 SQ. FT.) IN THE JAMES C. EAVES SURVEY NO. 205, ABSTRACT NO. 214, CITY OF TAYLOR, WILLIAMSON COUNTY, TEXAS, BEING 4' OFF THE EAST LINE OF BLOCKS 34 AND 36 OF DOAK'S ADDITION TO THE TOWN OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, AND CONVEYED TO THE CITY OF TAYLOR IN A GIFT DEED DATED DECEMBER 14, 1995 AND RECORDED IN VOLUME 2154, PAGE 372 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS.

LEGEND	
●	1/2" REBAR FOUND
O	1/2" REBAR WITH "CHAPARRAL" CAP SET
△	CALCULATED POINT
( )	RECORD INFORMATION
–WW–	WASTEWATER LINE

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N83°06'09"E	4.00'
L2	S83°04'39"W	4.00'
L3	S83°04'39"W	4.00'
L4	N83°04'39"E	4.00'
L5	S06°53'32"E	60.00'

3.05.2020

STATE OF TEXAS
REGISTERED
STEVEN P. TIMBERLAKE
6240
PROFESSIONAL
LAND SURVEYOR

DATE OF SURVEY: 02/05/2020
PLOT DATE: 03/05/2020
DRAWING NO.: 1600-001-WWE
PROJECT NO.: 1600-001
FIRM NO. 10124500
DRAWN BY: JLB
SHEET 3 OF 3

Chaparral

BEARING BASIS: THE TEXAS COORDINATE SYSTEM OF 1983 (NAD83), CENTRAL ZONE, BASED ON GPS SOLUTIONS FROM THE NATIONAL GEODETIC SURVEY (NGS) ON-LINE POSITIONING USER SERVICE (OPUS)

ATTACHMENTS: METES AND BOUNDS DESCRIPTION 1600-001-WWE

DocuSign Envelope ID: D0485100-EBBC-4D47-80D7-4F9EE1C3BC34

FIRST AMENDMENT TO CHAPTER 380 ECONOMIC DEVELOPMENT AGREEMENT

THIS FIRST AMENDMENT TO CHAPTER 380 ECONOMIC DEVELOPMENT AGREEMENT (this "***Amendment***") is entered into this 27th day of May 2021 ("***Effective Date***") by and between the CITY OF TAYLOR, TEXAS, a Texas home rule city ("***City***"), and Lone Star Circle of Care, a Texas nonprofit corporation ("***LSCC***").

City and LSCC are party to that certain Chapter 380 Economic Development Agreement, dated March 23, 2020 ("***380 Agreement***"). Capitalized terms used but not defined in this Amendment have the meaning assigned to such terms in the 380 Agreement.

Pursuant to the terms of the 380 Agreement, City conveyed to LSCC Property and other economic benefits in exchange for LSCC's commitment to construct and operate project Headwaters on such Property.

LSCC agreed to construct and operate Headwaters in compliance with the "Milestones" established in Exhibit A to the 380 Agreement. Due to complications from COVID-19, the February 2021 winter storm and other events, LSCC needs to amend the completion date of some of the "Milestones."

To properly reflect the completion date for some of the "Milestones," City and LSCC desire to amend and restate the 380 Agreement as specified in this Amendment.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, City and LSCC hereby agree to amend the Lease as follows:

1. Exhibit A. Exhibit A to the 380 Agreement is deleted and restated in its entirety with Exhibit A attached hereto.

2. Full Force and Effect. Except as expressly modified herein, all provisions of the 380 Agreement remain unmodified and in full force and effect.

3. Successors and Assigns. This Amendment is binding upon the parties hereto and their successors and assigns.

4. Counterparts; Facsimile or Electronic Mail Signature. This Amendment may be executed in multiple counterparts, each of which shall constitute an original, but all of which taken together shall constitute one and the same agreement. Facsimile and electronic mail signatures of this Amendment shall be treated as originals for all purposes.

[signature page follows]

DocuSign Envelope ID: D0485100-EBBC-4D47-80D7-4F9EE1C3BC34

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first written above.

CITY:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

DocuSigned by:
D862BFCB8D28499...

Name: ~~Donna Barker~~ XXXXXXXXX Brian LaBorde
Title: City Manager

LSCC:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

DocuSigned by:
1B63965253F34A6...

Jon Calvin
Chief Executive Officer

DocuSign Envelope ID: D0485100-EBBC-4D47-80D7-4F9EE1C3BC34

Exhibit "A"
to Lone Star Circle of Care and the City of Taylor, Texas
Chapter 380 Economic Development Agreement

Milestones and LSCC Obligations

Project Headwaters Description

Lone Star Circle of Care (LSCC) seeks to develop a new service delivery model in Taylor for low-income residents. The model, Project Headwaters, utilizes physical co-location of an LSCC clinic with programs that positively influence early childhood development and healthy aging. This physical co-location will occur at the West End School in Taylor, Texas, which LSCC will renovate according to the schedule below. Project Headwaters also integrates programs specifically focused on family strengthening initiatives. At Project Headwaters, the focus of healthcare expands from disease remediation and moves upstream to address social determinants of health. This is possible because of the close collaboration among intergenerational social services and health care resources at Project Headwaters: aging in place; access to healthy food; childhood adversity intervention; insurance enrollment and use; teen pregnancy prevention; women's health; and strong safety net organizations collaboration. To assist with access to healthy food, LSCC will develop gardens on additional Taylor, Texas property. The produce from these gardens will supplement the food initiatives at Project Headwaters and the gardens will provide a training ground for nutrition education.

In planning for Project Headwaters, LSCC will solicit community input and study innovative space design, and optimal energy efficiency models. These targeted activities will help ensure the reasonableness and ultimate success of Project Headwaters.

Project Headwaters Milestones

PROJECT HEADWATERS MILESTONE	OWNER	START	COMPLETION
Building Materials (Asbestos) Survey	Terracon	2009	2009.08
Letter of Opinion on Fair Market Value	Associates Real Estate Group	2014.07	2014.07
Original Structural Evaluation	Sparks Engineering	2015.02	2015.02
Preliminary Cost Estimates	American Constructors	2017.09	2017.09
Test Fit Design	O'Connell Robertson	2017.09	2017.11
Confirm New Utility Tie-Ins	Stout, City of Taylor	2018.01	2018.04
Architect Final Design Bid Process	Berger, Stout	2018.06	2018.08
Sustainable Food Center Contract Negotiation & Execution	Stout	2018.07	2018.08
New Structural Evaluation	Berger, Architect	2018.08	2018.09
Updated Costs Estimates	American Constructors	2019.08	2019.08
Funding Committed	Mundhenk, Calvin	2019.08	2019.12
Architect Contract Negotiation/Execution	Berger, Stout	2018.09	2020.01
Structural and Waterproofing Re-review	Nathan Quiring	2019.09	2019.11
Mundhenk to reengage WBCO and WIC	Quiring, Mundhenk, Stout	2019.1	2019.1
Real Property Documents Review - (1) Block 64 and (2) Garden Property	Stout	2019.1	2019.11

DocuSign Envelope ID: D0485100-EBBC-4D47-80D7-4F9EE1C3BC34

Confirmation No Liens on Property - (1) Block 64 and (2) Garden Property	Stout	2019.1	2019.12
Meetings with Taylor Community to Discuss Building Uses and Design	Quiring, Stout, Mundhenk	2019.11	2019.12
Environmental Assessment for WILCO Grant	Roberts, Berger, Stout	2019.11	2019.12
WILCO Grant Documents	Roberts, Berger, Stout	2019.11	2020.02
City Council City of Taylor Review and Approval of Block 64 Transfer	Mundhenk; Stout	2019.12	2019.12
Construction Manager (including Demo and Hazardous Material Abatement) Bid Process	Berger, Stout	2019.12	2020.2
Transfer of Block 64 and Garden Lots to LSCC via 380 Agreement; Assignment and Assumption of WBCO Ground Lease	Stout, Hejl	2019.12	2020.03
Construction Manager (including Demo and Hazardous Material Abatement) Contract Negotiation/Execution	Stout	2019.12	2020.04
Design Process	Berger, Architect	2019.12	2021.02
Kitchen Consulting and “Best in industry” study of new and innovative space design for LSCC services	Berger, Architect	2019.12	2020.12
Demo/Hazardous Materials Permitting and Approvals	Berger, Abatement Contractor	2020.01	2020.05
Demo/Hazardous Materials Abatement	Abatement Contractor	2020.03	2020.06
Horticultural Firm Bid Process	Mundhenk, Stout, Berger	2020.03	2021.12
Main Construction Permitting and Approvals	Berger, Contractor	2020.03	2021.03
Horticultural Firm Contract Negotiation and Execution	Mundhenk, Stout, Berger	2020.05	2022.03
Site Work	Berger, Contractor	2020.05	2021.08
Community Garden Design	Berger, Architect	2020.06	2022.08
50% Construction Complete	Berger, Contractor	2020.07	2021.08
100% Construction Complete	Berger, Contractor	2021.01	2021.12
LSCC Board Approved Change in Scope Application Submitted to HRSA	Stout, Calvin, Roberts	2021.04	2021.09
Certificate of Occupancy	Berger, Contractor	2021.05	2021.12
Garden Improvements Complete	Berger, Contractor	2020.06	2023.06

Map Showing Garden Lots (.775 acres North lot and .779 acres South Lot)



City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☐ Streets/Infrastructure
☐ Quality of Life
☒ Economic Vitality

Agenda Item #: 17

Agenda Title: **Consider approving Resolution R23-11 accepting the conveyance of real property from Lone Star Circle of Care.**

Council Action to be taken: Approve Resolution.

Department Submitted: City Management

Staff Contact: Jeff Jenkins, Deputy City Manager

1. PURPOSE/DESCRIPTION

The purpose of this agenda item is to approve a resolution which would convey property to the City of Taylor.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

The Second Amendment Terms have been drafted to remove the obligation by Lone Star Circle of Care regarding the Garden lots and LSCC will reconvey to the city the Garden Lots and release the utility easement to the property.

If the City of Taylor approves the Second Amendment, Council will also need to approve this resolution that would do the following:

- Accept conveyance of the property from Lone Star Circle of Care
- Execute a Special Warranty Deed and terminate and release of easement will be executed by LSCC
- Release of the Deed of Trust and terminate of release of easement will be executed by the City of Taylor

3. PROS and CONS

PROS	CONS
• Working with strategic partner • Possibility with using the land for some other type of use	• NA

4. RECOMMENDATION

Staff recommends approving the resolution.

5. FUNDING SOURCE

NA .

6. TIMELINE

Approval of the Second Amendment at 4/13/23 Council Meeting.
.

7. OTHER OPTIONS (In order of preference)

- Modify Second Amendment and Resolution
- Do not approve Second Amendment or Resolution

8. ATTACHMENTS

17a. Resolution R23-11
17b. Exhibit A to Resolution R23-11
17c. Release of Deed of Trust
17d. Exhibit A to Release of Deed of Trust
17e. Deed LSCC to City Garden Lots
17f. Termination and Release of Easement
17g. Exhibit A to Deed to LSCC to City
17h. WCAD Map of the Area

RESOLUTION NO. R23-11

RESOLUTION OF THE TAYLOR CITY COUNCIL ACCEPTING THE CONVEYANCE OF REAL PROPERTY FROM LONE STAR CIRCLE OF CARE
Concerning Conveyance of Property to City of Taylor

WHEREAS, LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation ("LSCC") has determined that the real property generally described in attached Exhibit "A" (the "Property") is to be reconveyed to the City of Taylor pursuant to the Second Amendment of the Chapter 380 Economic Development Agreement;

WHEREAS, the City of Taylor ("City") has agreed to accept the Property based on the terms of the Second Amendment of the Chapter 380 Economic Development Agreement;

WHEREAS, LSCC has agreed to bear the costs associated with the conveyance of the property, including but not limited to costs of closing the transaction.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF TAYLOR:

1. That the findings and recitals in the preamble of this Resolution are hereby found to be true and correct and are hereby approved and adopted.

2. That the City Council of the City of Taylor agrees to accept the conveyance of the Property from LSCC with no restrictions.

3. The Special Warranty Deed and the Termination and Release of Easement will be executed by the LSCC and then recorded with the County Clerk of Williamson County, Texas.

4. The Release of the Deed of Trust and Termination of Release of Easement will be executed by the City and then recorded with the County Clerk of Williamson County, Texas.

5. No further action will be required of either party upon passage of this Resolution.

PASSED, APPROVED, and ADOPTED on the 13th day of April, 2023.

CITY OF TAYLOR, TEXAS

By: _____
Brandt Rydell, Mayor, City of Taylor, Texas

ATTEST:

_____
Dianna McLean
City Clerk

APPROVED AS TO FORM:

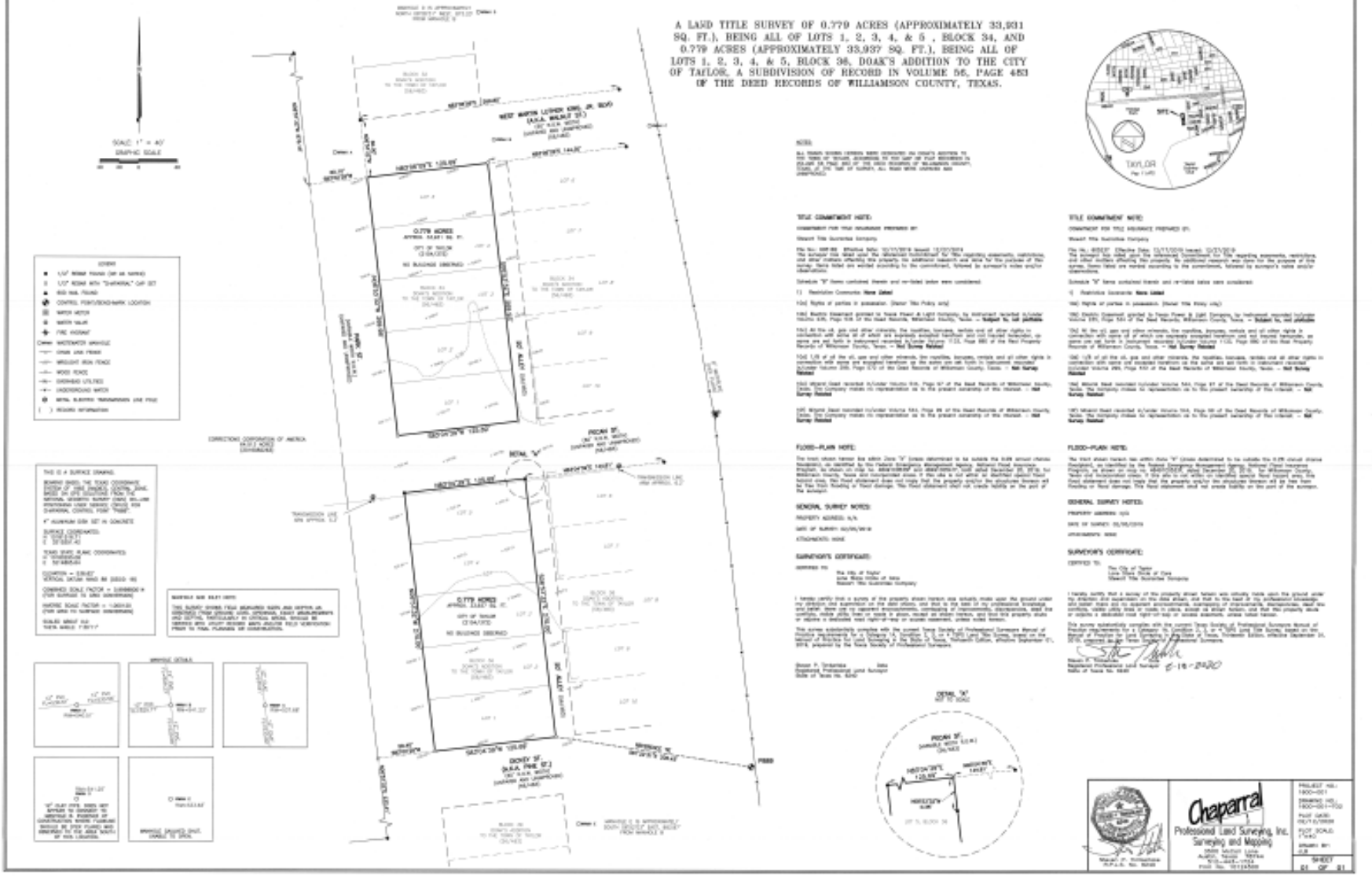
_____
Ted W. Hejl
City Attorney

Exhibit A – Property (including any improvements)

Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 0.779 ACRES (APPROXIMATELY 33,931 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5 , BLOCK 34, AND 0.779 ACRES (APPROXIMATELY 33,937 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 36, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.


SCALE: 1" = 40'
GRAPHIC SCALE
0.779 ACRES
APPROX. 33,931 SQ. FT.
CITY OF TAYLOR
C/O#47372
NO BUILDING OBSERVED
0.779 ACRES
APPROX. 33,937 SQ. FT.
CITY OF TAYLOR
C/O#47372
NO BUILDING OBSERVED
WEST MARTIN LUTHER KING, JR. BLVD
(A.K.A. WALNUT ST.)
(80' R.O.W. WIDTH)
(ASPHALT AND UNMARKED)
(PUBLIC)
PECAN ST.
(80' R.O.W. WIDTH)
(ASPHALT AND UNMARKED)
(PUBLIC)
DOAKEY ST.
(A.K.A. PINE ST.)
(80' R.O.W. WIDTH)
(ASPHALT AND UNMARKED)
(PUBLIC)
N 60°34'39" E 125.00'
S 60°34'39" W 125.00'
N 29°25'21" W 140.00'
S 29°25'21" E 140.00'
N 60°34'39" E 125.00'
S 60°34'39" W 125.00'
N 29°25'21" W 140.00'
S 29°25'21" E 140.00'
POINT "A"
POINT "B"
POINT "C"
POINT "D"
POINT "E"
POINT "F"
POINT "G"
POINT "H"
POINT "I"
POINT "J"
POINT "K"
POINT "L"
POINT "M"
POINT "N"
POINT "O"
POINT "P"
POINT "Q"
POINT "R"
POINT "S"
POINT "T"
POINT "U"
POINT "V"
POINT "W"
POINT "X"
POINT "Y"
POINT "Z"
POINT "AA"
POINT "BB"
POINT "CC"
POINT "DD"
POINT "EE"
POINT "FF"
POINT "GG"
POINT "HH"
POINT "II"
POINT "JJ"
POINT "KK"
POINT "LL"
POINT "MM"
POINT "NN"
POINT "OO"
POINT "PP"
POINT "QQ"
POINT "RR"
POINT "SS"
POINT "TT"
POINT "UU"
POINT "VV"
POINT "WW"
POINT "XX"
POINT "YY"
POINT "ZZ"
POINT "AAA"
POINT "BBB"
POINT "CCC"
POINT "DDD"
POINT "EEE"
POINT "FFF"
POINT "GGG"
POINT "HHH"
POINT "III"
POINT "JJJ"
POINT "KKK"
POINT "LLL"
POINT "MMM"
POINT "NNN"
POINT "OOO"
POINT "PPP"
POINT "QQQ"
POINT "RRR"
POINT "SSS"
POINT "TTT"
POINT "UUU"
POINT "VVV"
POINT "WWW"
POINT "XXX"
POINT "YYY"
POINT "ZZZ"
POINT "AAAA"
POINT "BBBB"
POINT "CCCC"
POINT "DDDD"
POINT "EEEE"
POINT "FFFF"
POINT "GGGG"
POINT "HHHH"
POINT "IIII"
POINT "JJJJ"
POINT "KKKK"
POINT "LLLL"
POINT "MMMM"
POINT "NNNN"
POINT "OOOO"
POINT "PPPP"
POINT "QQQQ"
POINT "RRRR"
POINT "SSSS"
POINT "TTTT"
POINT "UUUU"
POINT "VVVV"
POINT "WWWW"
POINT "XXXX"
POINT "YYYY"
POINT "ZZZZ"
POINT "AAAAA"
POINT "BBBBB"
POINT "CCCCC"
POINT "DDDDD"
POINT "EEEEE"
POINT "FFFFF"
POINT "GGGGG"
POINT "HHHHH"
POINT "IIIII"
POINT "JJJJJ"
POINT "KKKKK"
POINT "LLLLL"
POINT "MMMMM"
POINT "NNNNN"
POINT "OOOOO"
POINT "PPPPP"
POINT "QQQQQ"
POINT "RRRRR"
POINT "SSSSS"
POINT "TTTTT"
POINT "UUUUU"
POINT "VVVVV"
POINT "WWWWW"
POINT "XXXXX"
POINT "YYYYY"
POINT "ZZZZZ"
POINT "AAAAAA"
POINT "BBBBBB"
POINT "CCCCCC"
POINT "DDDDDD"
POINT "EEEEEE"
POINT "FFFFFF"
POINT "GGGGGG"
POINT "HHHHHH"
POINT "IIIIII"
POINT "JJJJJJ"
POINT "KKKKKK"
POINT "LLLLLL"
POINT "MMMMMM"
POINT "NNNNNN"
POINT "OOOOOO"
POINT "PPPPPP"
POINT "QQQQQQ"
POINT "RRRRRR"
POINT "SSSSSS"
POINT "TTTTTT"
POINT "UUUUUU"
POINT "VVVVVV"
POINT "WWWWWW"
POINT "XXXXXX"
POINT "YYYYYY"
POINT "ZZZZZZ"
POINT "AAAAAAA"
POINT "BBBBBBB"
POINT "CCCCCCC"
POINT "DDDDDDD"
POINT "EEEEEEE"
POINT "FFFFFFF"
POINT "GGGGGGG"
POINT "HHHHHHH"
POINT "IIIIIII"
POINT "JJJJJJJ"
POINT "KKKKKKK"
POINT "LLLLLLL"
POINT "MMMMMMM"
POINT "NNNNNNN"
POINT "OOOOOOO"
POINT "PPPPPPP"
POINT "QQQQQQQ"
POINT "RRRRRRR"
POINT "SSSSSSS"
POINT "TTTTTTT"
POINT "UUUUUUU"
POINT "VVVVVVV"
POINT "WWWWWWW"
POINT "XXXXXXX"
POINT "YYYYYYY"
POINT "ZZZZZZZ"
POINT "AAAAAAAA"
POINT "BBBBBBBB"
POINT "CCCCCCCC"
POINT "DDDDDDDD"
POINT "EEEEEEEE"
POINT "FFFFFFFF"
POINT "GGGGGGGG"
POINT "HHHHHHHH"
POINT "IIIIIIII"
POINT "JJJJJJJJ"
POINT "KKKKKKKK"
POINT "LLLLLLLL"
POINT "MMMMMMMM"
POINT "NNNNNNNN"
POINT "OOOOOOOO"
POINT "PPPPPPPP"
POINT "QQQQQQQQ"
POINT "RRRRRRRR"
POINT "SSSSSSSS"
POINT "TTTTTTTT"
POINT "UUUUUUUU"
POINT "VVVVVVVV"
POINT "WWWWWWWW"
POINT "XXXXXXXX"
POINT "YYYYYYYY"
POINT "ZZZZZZZZ"
POINT "AAAAAAAAA"
POINT "BBBBBBBBB"
POINT "CCCCCCCCC"
POINT "DDDDDDDDD"
POINT "EEEEEEEEE"
POINT "FFFFFFFFF"
POINT "GGGGGGGGG"
POINT "HHHHHHHHH"
POINT "IIIIIIIII"
POINT "JJJJJJJJJ"
POINT "KKKKKKKKK"
POINT "LLLLLLLLL"
POINT "MMMMMMMMM"
POINT "NNNNNNNNN"
POINT "OOOOOOOOO"
POINT "PPPPPPPPP"
POINT "QQQQQQQQQ"
POINT "RRRRRRRRR"
POINT "SSSSSSSSS"
POINT "TTTTTTTTT"
POINT "UUUUUUUUU"
POINT "VVVVVVVVV"
POINT "WWWWWWWWW"
POINT "XXXXXXXXX"
POINT "YYYYYYYYY"
POINT "ZZZZZZZZZ"
POINT "AAAAAAAAAA"
POINT "BBBBBBBBBB"
POINT "CCCCCCCCCC"
POINT "DDDDDDDDDD"
POINT "EEEEEEEEEE"
POINT "FFFFFFFFFF"
POINT "GGGGGGGGGG"
POINT "HHHHHHHHHH"
POINT "IIIIIIIIII"
POINT "JJJJJJJJJJ"
POINT "KKKKKKKKKK"
POINT "LLLLLLLLLL"
POINT "MMMMMMMMMM"
POINT "NNNNNNNNNN"
POINT "OOOOOOOOOO"
POINT "PPPPPPPPPP"
POINT "QQQQQQQQQQ"
POINT "RRRRRRRRRR"
POINT "SSSSSSSSSS"
POINT "TTTTTTTTTT"
POINT "UUUUUUUUUU"
POINT "VVVVVVVVVV"
POINT "WWWWWWWWWW"
POINT "XXXXXXXXXX"
POINT "YYYYYYYYYY"
POINT "ZZZZZZZZZZ"
POINT "AAAAAAAAAAA"
POINT "BBBBBBBBBBB"
POINT "CCCCCCCCCCC"
POINT "DDDDDDDDDDD"
POINT "EEEEEEEEEEE"
POINT "FFFFFFFFFFF"
POINT "GGGGGGGGGGG"
POINT "HHHHHHHHHHH"
POINT "IIIIIIIIIII"
POINT "JJJJJJJJJJJ"
POINT "KKKKKKKKKKK"
POINT "LLLLLLLLLLL"
POINT "MMMMMMMMMMM"
POINT "NNNNNNNNNNN"
POINT "OOOOOOOOOOO"
POINT "PPPPPPPPPPP"
POINT "QQQQQQQQQQQ"
POINT "RRRRRRRRRRR"
POINT "SSSSSSSSSSS"
POINT "TTTTTTTTTTT"
POINT "UUUUUUUUUUU"
POINT "VVVVVVVVVVV"
POINT "WWWWWWWWWWW"
POINT "XXXXXXXXXXX"
POINT "YYYYYYYYYYY"
POINT "ZZZZZZZZZZZ"
POINT "AAAAAAAAAAAA"
POINT "BBBBBBBBBBBB"
POINT "CCCCCCCCCCCC"
POINT "DDDDDDDDDDDD"
POINT "EEEEEEEEEEEE"
POINT "FFFFFFFFFFFF"
POINT "GGGGGGGGGGGG"
POINT "HHHHHHHHHHHH"
POINT "IIIIIIIIIIII"
POINT "JJJJJJJJJJJJ"
POINT "KKKKKKKKKKKK"
POINT "LLLLLLLLLLLL"
POINT "MMMMMMMMMMMM"
POINT "NNNNNNNNNNNN"
POINT "OOOOOOOOOOOO"
POINT "PPPPPPPPPPPP"
POINT "QQQQQQQQQQQQ"
POINT "RRRRRRRRRRRR"
POINT "SSSSSSSSSSSS"
POINT "TTTTTTTTTTTT"
POINT "UUUUUUUUUUUU"
POINT "VVVVVVVVVVVV"
POINT "WWWWWWWWWWWW"
POINT "XXXXXXXXXXXX"
POINT "YYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHH"
POINT "IIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGG

RELEASE OF DEED OF TRUST

DATE: April ____, 2023

CHAPTER 380 ECONOMIC DEVELOPMENT AGREEMENT:

Lone Star Circle of Care, a Texas Non-Profit Corporation entered into a Chapter 380 Economic Development Agreement with the City of Taylor, Texas, a Texas home rule city dated March 23, 2020.

LIEN IS DESCRIBED IN THE FOLLOWING DOCUMENT, RECORDED IN:

A Deed of Trust dated March 23, 2020, executed by Lone Star Circle of Care, a Texas Non-Profit Corporation to Brian LaBorde, Trustee for the benefit of the City of Taylor, Texas, a Texas home rule city, recorded under Document No. 2020048329, of the Official Records of Williamson County, Texas, securing the provisions of the Chapter 380 Economic Development Agreement.

PROPERTY (INCLUDING ANY IMPROVEMENTS) SUBJECT TO LIEN:

West End School Property

1.673 acres being all of Lots 1 – 10, Block number Sixty-four (64) in Doak's Addition to the said City of Taylor, according to the map or plat thereof, recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas, as described in Exhibit "A" attached hereto and incorporated by reference herein for all purposes.

Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as described in Exhibit "A" attached hereto and incorporated by reference herein for all purposes.

The City of Taylor, Texas, a Texas home rule city hereby acknowledges and confirms that all terms and provisions of the Chapter 380 Economic Development Agreement requiring security by the Deed of Trust have been satisfied and hereby releases the Property from all liens.

The City of Taylor, Texas, a Texas home rule city and Lone Star Circle of Care, a Texas Non-Profit Corporation hereby confirm, acknowledge, and agree that this Release of Deed of Trust should not be construed in any way to be a release as to the Memorandum of ROFO/ROFR Agreement between the parties dated March 23, 2020, and recorded under Document No. 2020048330, of the Official Public Records of Williamson County, Texas; and that the ROFO/ROFR Agreement remains in full force and effect.

When the context requires, singular nouns and pronouns include the plural.

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By: _____
Printed Name: Brian LaBorde
Title: City Manager

CONFIRMED, ACKNOWLEDGED
and AGREED:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: _____
Printed Name: Jon Calvin
Title: Chief Executive Officer

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared Brian LaBorde, City Manager of the City of Taylor, Texas, a Texas home rule city, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the City.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2023.

_____
Notary Public in and for
The State of Texas

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared Jon Calvin, CEO of LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2023.

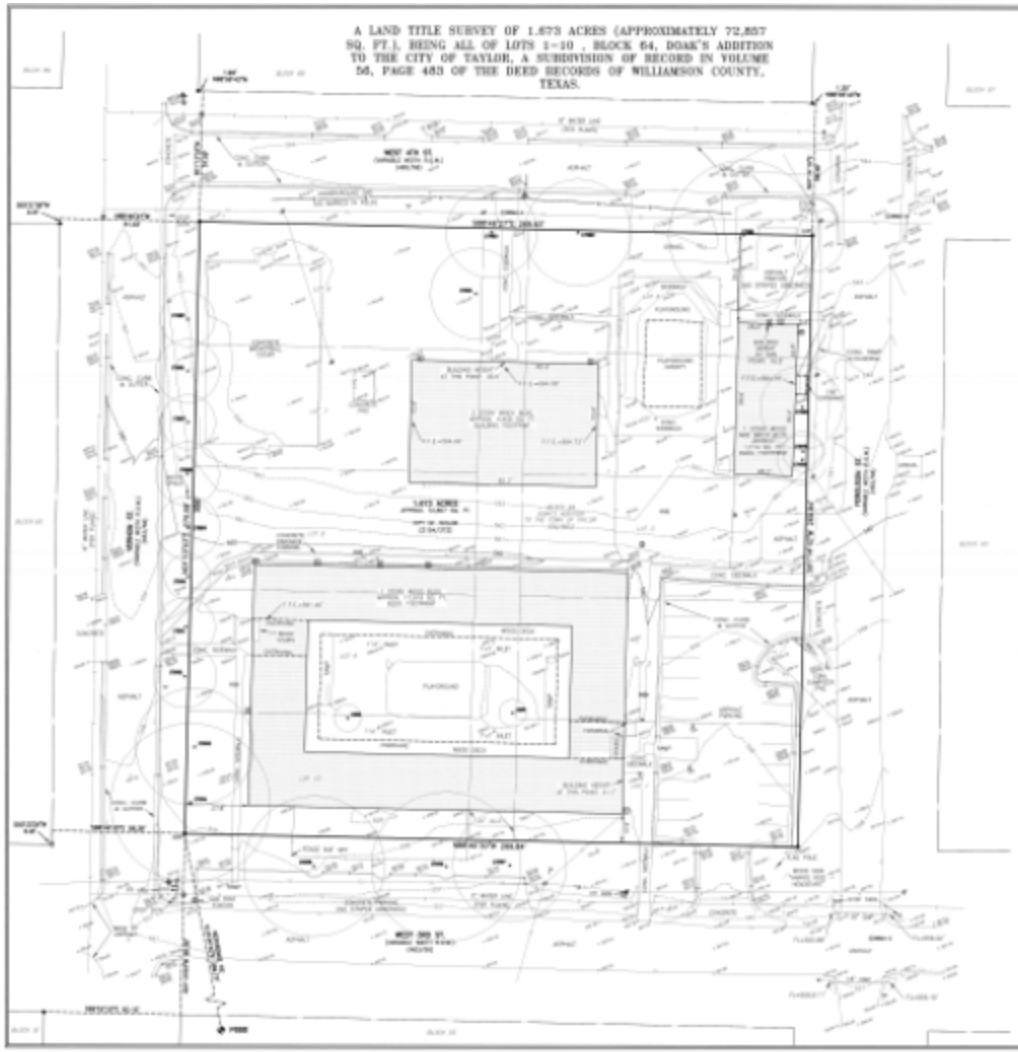
_____
Notary Public in and for
The State of Texas

EXHIBIT “A”

West End School Property

1.673 acres being all of Lots 1 – 10, Block number Sixty-four (64) in Doak’s Addition to the said City of Taylor, according to the map or plat thereof, recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 1.673 ACRES (APPROXIMATELY 72,857 SQ. FT.), BEING ALL OF LOTS 1-10 , BLOCK 64, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.







LEGAL DESCRIPTION:

Being all of Block numbered Sixty-four (64) in Doak's Addition to the City of Taylor, according to Map or Plat thereof recorded in Volume 56, Page 483, Deed Records of Williamson County, Texas.

TITLE COMMITMENT NOTE:

COMMITMENT FOR TITLE INSURANCE PREPARED BY:

STEWART TITLE GUARANTY COMPANY

File No.: 21-7720 Effective Date: 11/03/2020 Issued: 12/08/2020

The surveyor has relied upon the referenced Commitment for Title regarding easements, restrictions and other matters that may affect the property. No additional research was done by the surveyor for the purpose of this survey. Items listed are shown according to the commitment, subject to surveyor's best visible observations.

Schedule "B" items considered herein and numbered below were considered:

8. Restrictive Covenants: **None noted**

Any rights of tenants, and tenancy, as tenants only, under currently effective lease agreements, including any rights to purchase, rights of first refusal or options to purchase. Reservation of all oil, gas and other minerals, together with all rights incident thereto, as set forth in the instrument of record in Volume 2, Page 1, Deed Records of Williamson County, Texas. - **Not Survey Related**

Any and all terms, conditions, and provisions of that certain Notice to Cure and Indemnification Agreement, recorded in Clerks Document Number 2020028801 of the Official Public Records of Williamson County, Texas. - **Not Survey Related**

FLOOD-PLAIN NOTE:

The tract shown hereon lies within Zone "X" (areas determined to be outside the 0.2% annual chance floodplain), as depicted by the Federal Emergency Management Agency Federal Flood Insurance Program's as shown on map no. 48491C0485F, dated 12/20/2019, for Williamson County, Texas and Incorporated Areas. If this site is not within or identified on/with Flood Insurance Rate Map, the statement does not imply that the property and/or the structures thereon will be free from flooding or flood damage. Any flood damages which may occur, does not imply liability on the part of the surveyor.

GENERAL SURVEY NOTES:

PROPERTY ADDRESS: None Listed

DATE OF SURVEY: 01/05/2020

ATTACHMENTS: None

SURVEYOR'S CERTIFICATE:

certified to:

The City of Taylor
Lone Star National Bank of Cuero
Stewart Title Guaranty Company

I hereby certify that a survey of the property shown hereon was actually made upon the ground under my supervision and represents the facts found. Except as shown hereon, there are no apparent visible encroachments or protrusions, and no apparent visible evidence of use on adjoining property, other than what is shown hereon. The property has access to and from a dedicated right-of-way of public thoroughfare, unless noted hereon. This survey substantially complies with the current Texas Society of Professional Surveyors Manual of Practice requirements for a Category 1a Condition 2 (1 in 2 ft Rural) Land Title Survey. Based on my opinion of Practice for Land Boundary in accordance with Texas Parkland Policies, effective September 01, 2019, adopted by the Texas Board of Professional Surveyors.

Date: 01/05/2020
Registered Professional Land Surveyor
State of Texas No. 6240









MARKERS AND MUST NOTE:

THIS SURVEY WORKS FIELD MONUMENTS SUCH AND WITHIN AN UNDERSIGNED FIELD BEARING LINES, DISTANCES, CLOSED MONUMENTATION AND CAPTION, PARTICULARLY TO ARTICLE UNDER, SHOULD BE ADDRESS WITH UTILITY RECORD WHICH BUILDING FIELD DEMONSTRATION FROM TO FINAL PLANNING OF CONSTRUCTION.

THE N.A.D.83(2011) DATUM IS:

BEARING BASED ON THE TEXAS COORDINATE SYSTEM OF 1983 (NAD83), CENTRAL ZONE, BASED ON GPS OBSERVATIONS USING THE LEICA SMARTNET NETWORK (NORTH AMERICAN REFERENCE FRAME 2011.00 EPOCH 2010.00) AND THE TEXAS COORDINATE SYSTEM OF 1983 (NAD83) CENTRAL ZONE 4203.

1/2" REBARS(S) FOUND OR SET IN CONCRETE

SURFACE COORDINATES
X: 3,098,611.76
Y: 10,214,414.32

GRID TO SURFACE COMBINED SCALE FACTOR: 0.99988414

ROTATION: + 00°00'00"
(CLOCKWISE FROM GRID AZIMUTH TO MAP AZIMUTH)

COMBINED SCALE FACTOR: 0.99988414
(GRID TO SURFACE TO MAP CONVERSION)

UNITS: SURVEY FOOT
VERTICAL DATUM: NAVD88





PROJECT NO.: 19-0000-001

DRAWING NO.: 19000-001-TA1

PLAT SCALE: 1" = 30'

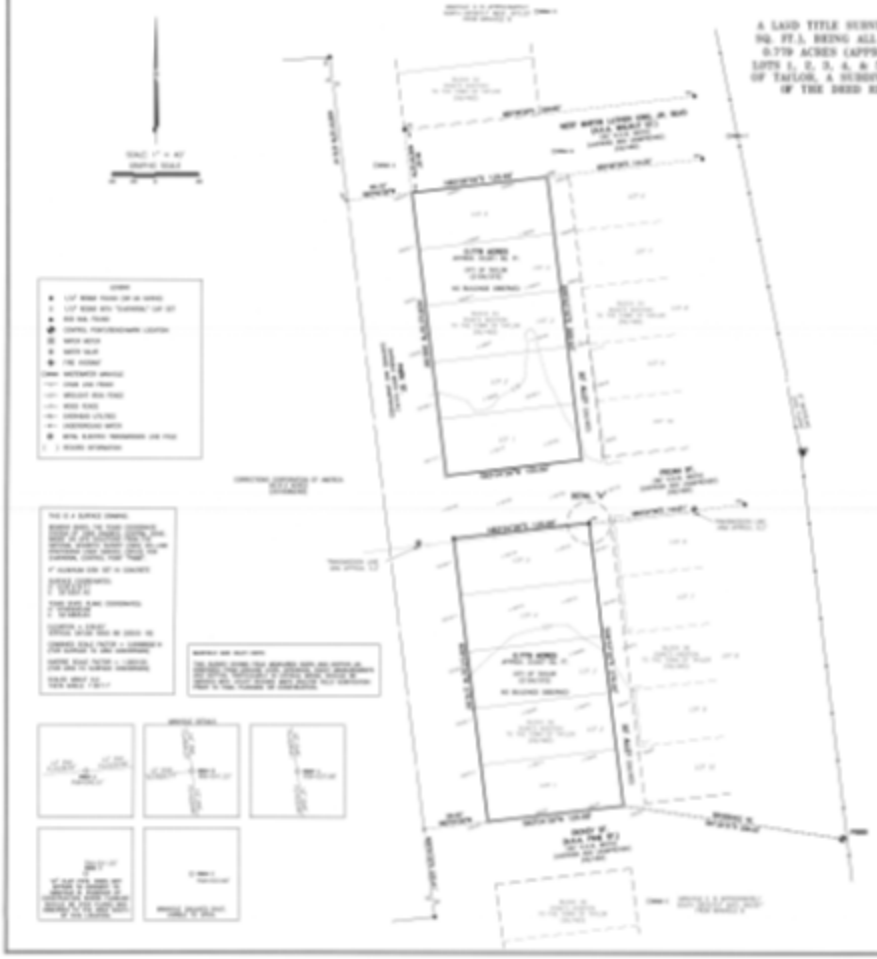
DRAWN BY: JMP

SHEET
1 OF 1

Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 0.779 ACRES (APPROXIMATELY 33,931 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5 , BLOCK 34, AND 0.779 ACRES (APPROXIMATELY 33,937 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 38, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 58, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.


SCALE: 1" = 40'
GRAPHIC SCALE
0 20 40 80
LEGEND
LOT MONU FOUND (AS NOTED)
LOT MONU SET("CLEARVIEW" CAP SET
POB POB FOUND
CONTROL POINT/BENCHMARK LOCATION
WATER WATER
WATER VALVE
FIRE HYDRANT
LINE WATERMETER WARNING
OVHD OVERHEAD WIRES
UGE UNDERGROUND ELECTRIC
UGT UNDERGROUND TELEPHONE
GAS GAS
CATV CABLE TV
UGW UNDERGROUND WATER
BOUNDARY LINE
NOT MONUMENTED
SET 1/2" REBAR
"CLEARVIEW" CAP
SET 1/2" REBAR
NO CAP FOUND
SET 1/2" REBAR
"CLEARVIEW" CAP
SET 1/2" REBAR
NO CAP FOUND
CONCRETE SIDEWALK
CONCRETE CURB & GUTTER
ASPHALT PAVING
CONCRETE PAVING
CONCRETE CURB & GUTTER
ASPHALT PAVING
CONCRETE SIDEWALK

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED

Date: April ___, 2023

Grantor: LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

Grantor's Mailing Address: 205 E. University Avenue, Suite 200
Georgetown, Williamson County,
Texas 78626

Grantee: CITY OF TAYLOR, TEXAS,
a Texas home rule city

Grantee's Mailing Address: 400 Porter Street
Taylor, Williamson County,
Texas 76574

Consideration: Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements): See Exhibit A

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

Easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded restrictions, reservations, covenants, conditions, oil and gas leases, mineral severances, and other instruments, that affect the property; rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; taxes for 2023, the payment of which Grantee assumes, and subsequent assessments for that and prior years due to change in usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee, Grantee's successors, and assigns. Grantor binds Grantor and Grantor's successors to warrant and forever defend all and singular the Property to Grantee and Grantee's successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof when the claim is by, through, or under Grantor but not otherwise, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

When the context requires, singular nouns and pronouns include the plural.

GRANTOR:

LONE STAR CIRCLE OF CARE,
a Texas nonprofit corporation

By: _____

Printed Name: Jon Calvin

Title: Chief Executive Officer

This instrument was prepared based on information furnished by the parties, and no independent title search has been made.

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared Jon Calvin, CEO of LONE STAR CIRCLE OF CARE, a Texas nonprofit corporation, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2023.

_____
Notary Public in and for
The State of Texas

GRANTEE:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

By: _____
Printed Name: Brian LaBorde
Title: City Manager

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared Brian LaBorde, City Manager of the City of Taylor, Texas, a Texas home rule city, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the City of Taylor, Texas.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2023.

_____
Notary Public in and for
The State of Texas

TERMINATION AND RELEASE OF EASEMENT

DATE: March ___, 2023

EASEMENT AGREEMENT:

Lone Star Circle of Care, a Texas Non-Profit Corporation granted an easement to the City of Taylor, Texas, a Texas home rule city under an Easement Agreement dated March 23, 2020, and recorded under Document No. 2020048331, of the Official Public Records of Williamson County, Texas.

PROPERTY:

0.050 acres in the James C. Eaves Survey No. 205, Abstract No. 214, City of Taylor, Williamson County, Texas, referenced as Part 1 and Part 2, and being more fully described by metes and bounds in the Easement Agreement referenced above.

TERMINATION:

Lone Star Circle of Care, a Texas Non-Profit Corporation as Grantor and the City of Taylor, Texas, a Texas home rule city as Grantee under the Easement Agreement hereby acknowledge and confirm that the Easement is no longer required and is hereby terminated and the Property is released from the Easement.

Any and all claims made by the undersigned parties under the Easement Agreement are relinquished so that the ownership interest in the Property covered by the Easement Agreement shall be free and clear of the Easement.

When the context requires, singular nouns and pronouns include the plural.

{Signature Page to Follow}

GRANTOR:

LONE STAR CIRCLE OF CARE, a Texas Non-Profit Corporation

_____

By: Jon Calvin
Its: Chief Executive Officer

GRANTEE:

CITY OF TAYLOR, TEXAS,
a Texas home rule city

_____

By: Brian LaBorde
Its: City Manager

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared Jon Calvin, CEO of Lone Star Circle of Care, a Texas Non-Profit Corporation, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the Corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2023.

_____
Notary Public in and for
The State of Texas

STATE OF TEXAS,
COUNTY OF WILLIAMSON.

BEFORE ME, the undersigned authority, on this day personally appeared Brian LaBorde, City Manager of the City of Taylor, Texas, a Texas home rule city, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated and as the act and deed of the City.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of _____, 2023.

_____
Notary Public in and for
The State of Texas

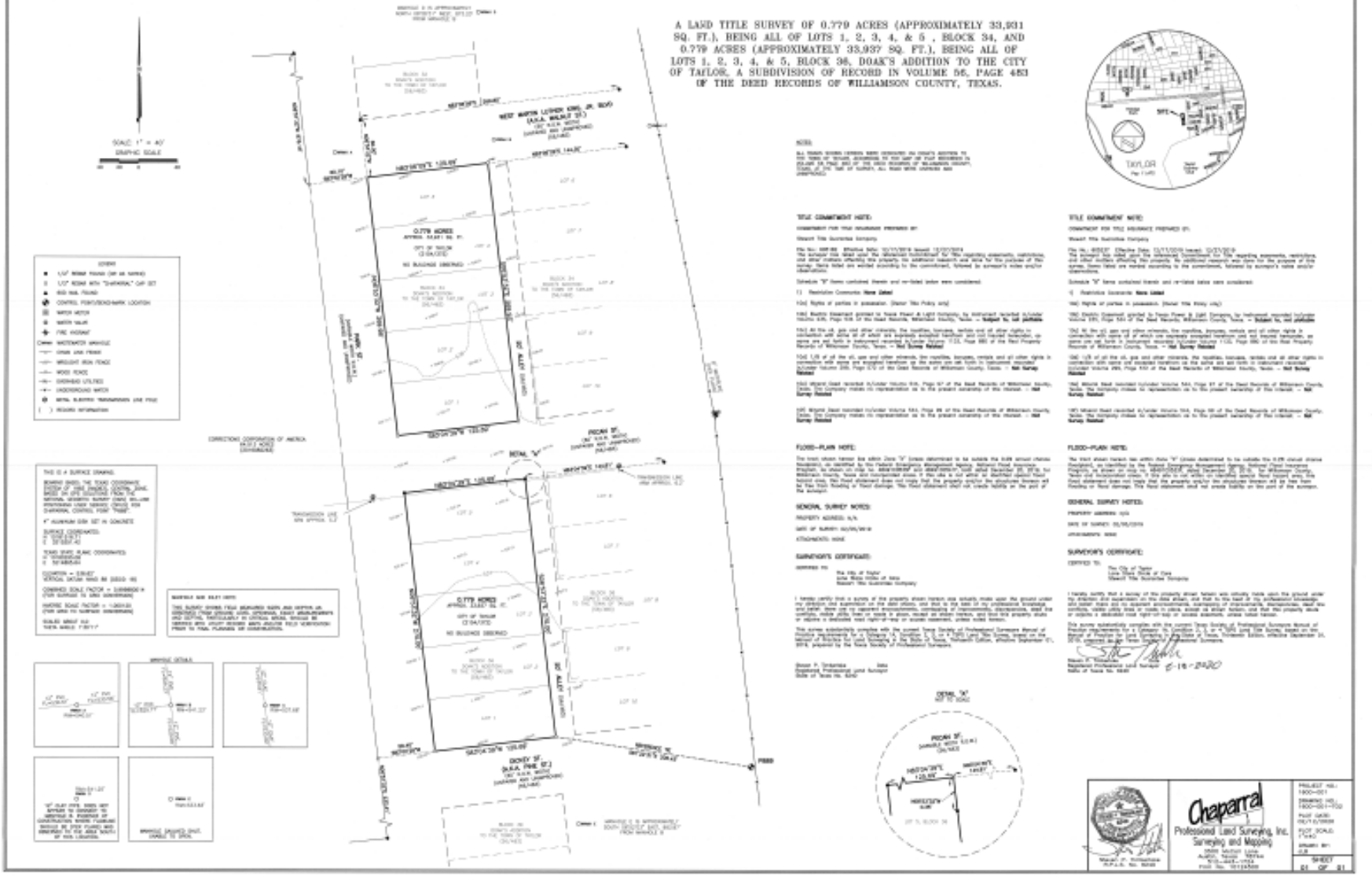
Special Warranty Deed

Exhibit A – Property (including any improvements)

Garden Lots

0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 34, and 0.779 acres of land being all of Lots 1, 2, 3, 4 and 5, Block 36, Doak's Addition to the City of Taylor, a subdivision of record in Volume 56, Page 483 of the Deed Records of Williamson County, Texas, as further depicted in the survey below:

A LAND TITLE SURVEY OF 0.779 ACRES (APPROXIMATELY 33,931 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5 , BLOCK 34, AND 0.779 ACRES (APPROXIMATELY 33,937 SQ. FT.), BEING ALL OF LOTS 1, 2, 3, 4, & 5, BLOCK 36, DOAK'S ADDITION TO THE CITY OF TAYLOR, A SUBDIVISION OF RECORD IN VOLUME 56, PAGE 483 OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS.


SCALE: 1" = 40'
GRAPHIC SCALE
0.779 ACRES
APPROX. 33,931 SQ. FT.
CITY OF TAYLOR
C/O#47372
NO BUILDING OBSERVED
0.779 ACRES
APPROX. 33,937 SQ. FT.
CITY OF TAYLOR
C/O#47372
NO BUILDING OBSERVED
WEST MARTIN LUTHER KING, JR. BLVD
(A.K.A. WALNUT ST.)
(80' R.O.W. WIDTH)
(ASPHALT AND UNMARKED)
(PUBLIC)
PECAN ST.
(80' R.O.W. WIDTH)
(ASPHALT AND UNMARKED)
(PUBLIC)
DOAKEY ST.
(A.K.A. PINE ST.)
(80' R.O.W. WIDTH)
(ASPHALT AND UNMARKED)
(PUBLIC)
N 60°34'39" E 125.00'
S 60°34'39" W 125.00'
N 29°25'21" W 140.00'
S 29°25'21" E 140.00'
N 60°34'39" E 125.00'
S 60°34'39" W 125.00'
N 29°25'21" W 140.00'
S 29°25'21" E 140.00'
POINT "A"
POINT "B"
POINT "C"
POINT "D"
POINT "E"
POINT "F"
POINT "G"
POINT "H"
POINT "I"
POINT "J"
POINT "K"
POINT "L"
POINT "M"
POINT "N"
POINT "O"
POINT "P"
POINT "Q"
POINT "R"
POINT "S"
POINT "T"
POINT "U"
POINT "V"
POINT "W"
POINT "X"
POINT "Y"
POINT "Z"
POINT "AA"
POINT "BB"
POINT "CC"
POINT "DD"
POINT "EE"
POINT "FF"
POINT "GG"
POINT "HH"
POINT "II"
POINT "JJ"
POINT "KK"
POINT "LL"
POINT "MM"
POINT "NN"
POINT "OO"
POINT "PP"
POINT "QQ"
POINT "RR"
POINT "SS"
POINT "TT"
POINT "UU"
POINT "VV"
POINT "WW"
POINT "XX"
POINT "YY"
POINT "ZZ"
POINT "AAA"
POINT "BBB"
POINT "CCC"
POINT "DDD"
POINT "EEE"
POINT "FFF"
POINT "GGG"
POINT "HHH"
POINT "III"
POINT "JJJ"
POINT "KKK"
POINT "LLL"
POINT "MMM"
POINT "NNN"
POINT "OOO"
POINT "PPP"
POINT "QQQ"
POINT "RRR"
POINT "SSS"
POINT "TTT"
POINT "UUU"
POINT "VVV"
POINT "WWW"
POINT "XXX"
POINT "YYY"
POINT "ZZZ"
POINT "AAAA"
POINT "BBBB"
POINT "CCCC"
POINT "DDDD"
POINT "EEEE"
POINT "FFFF"
POINT "GGGG"
POINT "HHHH"
POINT "IIII"
POINT "JJJJ"
POINT "KKKK"
POINT "LLLL"
POINT "MMMM"
POINT "NNNN"
POINT "OOOO"
POINT "PPPP"
POINT "QQQQ"
POINT "RRRR"
POINT "SSSS"
POINT "TTTT"
POINT "UUUU"
POINT "VVVV"
POINT "WWWW"
POINT "XXXX"
POINT "YYYY"
POINT "ZZZZ"
POINT "AAAAA"
POINT "BBBBB"
POINT "CCCCC"
POINT "DDDDD"
POINT "EEEEE"
POINT "FFFFF"
POINT "GGGGG"
POINT "HHHHH"
POINT "IIIII"
POINT "JJJJJ"
POINT "KKKKK"
POINT "LLLLL"
POINT "MMMMM"
POINT "NNNNN"
POINT "OOOOO"
POINT "PPPPP"
POINT "QQQQQ"
POINT "RRRRR"
POINT "SSSSS"
POINT "TTTTT"
POINT "UUUUU"
POINT "VVVVV"
POINT "WWWWW"
POINT "XXXXX"
POINT "YYYYY"
POINT "ZZZZZ"
POINT "AAAAAA"
POINT "BBBBBB"
POINT "CCCCCC"
POINT "DDDDDD"
POINT "EEEEEE"
POINT "FFFFFF"
POINT "GGGGGG"
POINT "HHHHHH"
POINT "IIIIII"
POINT "JJJJJJ"
POINT "KKKKKK"
POINT "LLLLLL"
POINT "MMMMMM"
POINT "NNNNNN"
POINT "OOOOOO"
POINT "PPPPPP"
POINT "QQQQQQ"
POINT "RRRRRR"
POINT "SSSSSS"
POINT "TTTTTT"
POINT "UUUUUU"
POINT "VVVVVV"
POINT "WWWWWW"
POINT "XXXXXX"
POINT "YYYYYY"
POINT "ZZZZZZ"
POINT "AAAAAAA"
POINT "BBBBBBB"
POINT "CCCCCCC"
POINT "DDDDDDD"
POINT "EEEEEEE"
POINT "FFFFFFF"
POINT "GGGGGGG"
POINT "HHHHHHH"
POINT "IIIIIII"
POINT "JJJJJJJ"
POINT "KKKKKKK"
POINT "LLLLLLL"
POINT "MMMMMMM"
POINT "NNNNNNN"
POINT "OOOOOOO"
POINT "PPPPPPP"
POINT "QQQQQQQ"
POINT "RRRRRRR"
POINT "SSSSSSS"
POINT "TTTTTTT"
POINT "UUUUUUU"
POINT "VVVVVVV"
POINT "WWWWWWW"
POINT "XXXXXXX"
POINT "YYYYYYY"
POINT "ZZZZZZZ"
POINT "AAAAAAAA"
POINT "BBBBBBBB"
POINT "CCCCCCCC"
POINT "DDDDDDDD"
POINT "EEEEEEEE"
POINT "FFFFFFFF"
POINT "GGGGGGGG"
POINT "HHHHHHHH"
POINT "IIIIIIII"
POINT "JJJJJJJJ"
POINT "KKKKKKKK"
POINT "LLLLLLLL"
POINT "MMMMMMMM"
POINT "NNNNNNNN"
POINT "OOOOOOOO"
POINT "PPPPPPPP"
POINT "QQQQQQQQ"
POINT "RRRRRRRR"
POINT "SSSSSSSS"
POINT "TTTTTTTT"
POINT "UUUUUUUU"
POINT "VVVVVVVV"
POINT "WWWWWWWW"
POINT "XXXXXXXX"
POINT "YYYYYYYY"
POINT "ZZZZZZZZ"
POINT "AAAAAAAAA"
POINT "BBBBBBBBB"
POINT "CCCCCCCCC"
POINT "DDDDDDDDD"
POINT "EEEEEEEEE"
POINT "FFFFFFFFF"
POINT "GGGGGGGGG"
POINT "HHHHHHHHH"
POINT "IIIIIIIII"
POINT "JJJJJJJJJ"
POINT "KKKKKKKKK"
POINT "LLLLLLLLL"
POINT "MMMMMMMMM"
POINT "NNNNNNNNN"
POINT "OOOOOOOOO"
POINT "PPPPPPPPP"
POINT "QQQQQQQQQ"
POINT "RRRRRRRRR"
POINT "SSSSSSSSS"
POINT "TTTTTTTTT"
POINT "UUUUUUUUU"
POINT "VVVVVVVVV"
POINT "WWWWWWWWW"
POINT "XXXXXXXXX"
POINT "YYYYYYYYY"
POINT "ZZZZZZZZZ"
POINT "AAAAAAAAAA"
POINT "BBBBBBBBBB"
POINT "CCCCCCCCCC"
POINT "DDDDDDDDDD"
POINT "EEEEEEEEEE"
POINT "FFFFFFFFFF"
POINT "GGGGGGGGGG"
POINT "HHHHHHHHHH"
POINT "IIIIIIIIII"
POINT "JJJJJJJJJJ"
POINT "KKKKKKKKKK"
POINT "LLLLLLLLLL"
POINT "MMMMMMMMMM"
POINT "NNNNNNNNNN"
POINT "OOOOOOOOOO"
POINT "PPPPPPPPPP"
POINT "QQQQQQQQQQ"
POINT "RRRRRRRRRR"
POINT "SSSSSSSSSS"
POINT "TTTTTTTTTT"
POINT "UUUUUUUUUU"
POINT "VVVVVVVVVV"
POINT "WWWWWWWWWW"
POINT "XXXXXXXXXX"
POINT "YYYYYYYYYY"
POINT "ZZZZZZZZZZ"
POINT "AAAAAAAAAAA"
POINT "BBBBBBBBBBB"
POINT "CCCCCCCCCCC"
POINT "DDDDDDDDDDD"
POINT "EEEEEEEEEEE"
POINT "FFFFFFFFFFF"
POINT "GGGGGGGGGGG"
POINT "HHHHHHHHHHH"
POINT "IIIIIIIIIII"
POINT "JJJJJJJJJJJ"
POINT "KKKKKKKKKKK"
POINT "LLLLLLLLLLL"
POINT "MMMMMMMMMMM"
POINT "NNNNNNNNNNN"
POINT "OOOOOOOOOOO"
POINT "PPPPPPPPPPP"
POINT "QQQQQQQQQQQ"
POINT "RRRRRRRRRRR"
POINT "SSSSSSSSSSS"
POINT "TTTTTTTTTTT"
POINT "UUUUUUUUUUU"
POINT "VVVVVVVVVVV"
POINT "WWWWWWWWWWW"
POINT "XXXXXXXXXXX"
POINT "YYYYYYYYYYY"
POINT "ZZZZZZZZZZZ"
POINT "AAAAAAAAAAAA"
POINT "BBBBBBBBBBBB"
POINT "CCCCCCCCCCCC"
POINT "DDDDDDDDDDDD"
POINT "EEEEEEEEEEEE"
POINT "FFFFFFFFFFFF"
POINT "GGGGGGGGGGGG"
POINT "HHHHHHHHHHHH"
POINT "IIIIIIIIIIII"
POINT "JJJJJJJJJJJJ"
POINT "KKKKKKKKKKKK"
POINT "LLLLLLLLLLLL"
POINT "MMMMMMMMMMMM"
POINT "NNNNNNNNNNNN"
POINT "OOOOOOOOOOOO"
POINT "PPPPPPPPPPPP"
POINT "QQQQQQQQQQQQ"
POINT "RRRRRRRRRRRR"
POINT "SSSSSSSSSSSS"
POINT "TTTTTTTTTTTT"
POINT "UUUUUUUUUUUU"
POINT "VVVVVVVVVVVV"
POINT "WWWWWWWWWWWW"
POINT "XXXXXXXXXXXX"
POINT "YYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHH"
POINT "IIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGGGGGGGGGGGGGGGGGGG"
POINT "HHHHHHHHHHHHHHHHHHHHHHHHHHHH"
POINT "IIIIIIIIIIIIIIIIIIIIIIIIIIII"
POINT "JJJJJJJJJJJJJJJJJJJJJJJJJJJJ"
POINT "KKKKKKKKKKKKKKKKKKKKKKKKKKKK"
POINT "LLLLLLLLLLLLLLLLLLLLLLLLLLLL"
POINT "MMMMMMMMMMMMMMMMMMMMMMMMMMMM"
POINT "NNNNNNNNNNNNNNNNNNNNNNNNNNNN"
POINT "OOOOOOOOOOOOOOOOOOOOOOOOOOOO"
POINT "PPPPPPPPPPPPPPPPPPPPPPPPPPPP"
POINT "QQQQQQQQQQQQQQQQQQQQQQQQQQQQ"
POINT "RRRRRRRRRRRRRRRRRRRRRRRRRRRR"
POINT "SSSSSSSSSSSSSSSSSSSSSSSSSSSS"
POINT "TTTTTTTTTTTTTTTTTTTTTTTTTTTT"
POINT "UUUUUUUUUUUUUUUUUUUUUUUUUUUU"
POINT "VVVVVVVVVVVVVVVVVVVVVVVVVVVV"
POINT "WWWWWWWWWWWWWWWWWWWWWWWWWWWW"
POINT "XXXXXXXXXXXXXXXXXXXXXXXXXXXX"
POINT "YYYYYYYYYYYYYYYYYYYYYYYYYYYY"
POINT "ZZZZZZZZZZZZZZZZZZZZZZZZZZZZ"
POINT "AAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
POINT "BBBBBBBBBBBBBBBBBBBBBBBBBBBBB"
POINT "CCCCCCCCCCCCCCCCCCCCCCCCCCCCC"
POINT "DDDDDDDDDDDDDDDDDDDDDDDDDDDDD"
POINT "EEEEEEEEEEEEEEEEEEEEEEEEEEEEE"
POINT "FFFFFFFFFFFFFFFFFFFFFFFFFFFFF"
POINT "GGGGGGGGGGG

Map Showing Garden Lots (.775 acres North lot and .779 acres South Lot)



City Council Meeting
April 13, 2023
Transmittal Letter

STRATEGIC PILLAR
☒ Streets/Infrastructure
☒ Quality of Life
☒ Economic Vitality

Agenda Item #: 18

Agenda Title: **Consider appointments, re-appointments, and/or replacements to the Taylor Economic Development Corporation (TEDC)**

Council Action to be taken: Appoint/re-appoint/replace to TEDC

Department Submitted: City Management

Staff Contact: Dianna McLean, City Clerk

1. PURPOSE/DESCRIPTION

The purpose of this agenda item is to appoint, re-appoint, and/or replace members to the Taylor Economic Development Board.

2. STAFF ANALYSIS / BACKGROUND / PRIOR COUNCIL ACTIONS

At the March 9, 2023 Council meeting, Council postponed making appointments to the TEDC pending further discussions. There are two seats on the TEDC whose terms expired in February 2023. Both have agreed to serve again if appointed. There are eight applicants for this Board.

3. PROS and CONS

PROS	CONS
• N/A	• N/A

4. RECOMMENDATION

Staff recommends appointing, re-appointing, and/or replacing members to the TEDC Board.

5. FUNDING SOURCE

N/A

6. TIMELINE

N/A

7. OTHER OPTIONS (In order of preference)

N/A

8. ATTACHMENTS

18a. TEDC Roster
18b. Applicants
18c. Attendance Sheet

TEDC			4-2023	
Willing to be reappointed?	**TERM (Yrs)**	**MEMBER**	**APPOINTED**	**EXPIRES**
Yes	3	Joe Burgess 1015 PR4101 Lexington, TX 78947 (PH) 903-284-8243 caminorealpublishing@gmail.com	6-2015; 2020	2-2023
	3	Betty Day 803 T.H. Johnson Dr. (H) 512-309-4838 (C) 512-426-9266 bday@ercot.com	2-2019; 2022	2-2025
Yes	3	Kelly Cmerek 1406 Sagewood Dr 512-365-8450 (C)512-468-4231 Kelly.cmerek@pnc.com	12-2013; 2020	2-2023
City Council rep	3	Robert Garcia 1903 Holly Springs Dr (C) 512-365-4665 Robert.garcia@taylortx.gov	5-2022	2-2025
	3	Sam Dowdy Sr. 421 Talbot St. (C) 512-788-1500 sam@sanddplumbing.com	2021	2-2024

Members: 5. Residency requirements do not apply.

Duties: Promotes, assists, and enhances economic development activities for the city.

Appointed by: City Council

Meets: 4th Wednesday monthly at 5:00

Liaison: Regina Carlson

City of Taylor
Boards and Committee Application

PLEASE TYPE OR PRINT CLEARLY:

Name Alfonso Cavazos-Geluso

Address (Residence and Mailing)

1120 Howard St. Taylor TX. 76574

How long at this residence? 1 year, 11 months.

Phone (Home) _____

Cell Phone 512-906-9147

Fax _____

Email alfcava7@yahoo.com

Occupation Fraud Analyst

Employer Netspend

Address 10900 Stonelake Boulevard, Austin TX.

Work Phone _____

Business owner? ☐ Yes ☑ No

Additional information? _____

Are you willing to meet via Zoom or other virtual software? ☑ Yes ☐ No

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. (Does not apply to the Comprehensive Plan Implementation Committee.) If more than one, please list in order of priority for which you wish to be considered.) : TEDC

Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience, training, skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.)

See resume

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, BUILDING AND STANDARDS COMMISSION, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board, Airport Board, or the TEDC. Change in residency status during term can result in termination of appointment.)*

I hereby swear and affirm that the information provided above is true and correct

Signature Alfonso Cavazos-Geluso Date 1/17/23

City of Taylor
Boards and Committee Application

PLEASE TYPE OR PRINT CLEARLY:

Name: Gary Gola

Address (Residence and Mailing)

1806 Cypress Cove
Taylor, TX 76574

How long at this residence? 31 years

Phone (Home) _____

Cell Phone: 512.771.2413

Fax: 512.365.1576

Email: garygola@gmail.com

Occupation: Real Estate Broker

Employer: Cornerstone Real Estate, Inc. (Owner)

Address: 105 W 4th
Taylor, TX 76574

Work Phone: 512.365.9548

Business owner? ☒ Yes ☐ No

Additional information?: Retired from State of Texas where I worked for 26 years

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. (Does not apply to the Comprehensive Plan Implementation Committee.) If more than one, please list in order of priority for which you wish to be considered.):
Taylor Economic Development Corporation.
Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience, training, skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.)
My work and business experience working for the State of Texas for 26 years and in the Real Estate industry for 19 years has provided me with vast knowledge in working with business and with operating a business. This experience will be beneficial in attracting economic growth to Taylor.

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, BUILDING AND STANDARDS COMMISSION, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board, Airport Board, or the TEDC. Change in residency status during term can result in termination of appointment.)*

I hereby swear and affirm that the information provided above is true and correct

Signature _____ Date: 11/27/2020

City of Taylor Boards and Committee Application Addendum for:

Gary Gola

Served on the Taylor Parks and Recreation Advisory Board from 2008 to present.

Retired from 26 years of service at the Texas Department of Insurance. At TDI I managed a staff of statisticians, research specialists, and insurance professionals that were responsible for managing three statistical agents located in Texas, New York, and Florida; additionally my staff managed a multi-state agency project along with a contractor located in Alabama and Utah that was responsible for automobile insurance verification activities. These functions and contractors involved annual budgets in excess of 5.5 million dollars. My work experience involved the collection of over a billion records of insurance related information each year. This work involved the analysis, reasonability testing, compilation, and reporting on this vast amount of information that then went into decision making for things like premium rates and market stability. I was also afforded the opportunity to be involved with the development, issuance, evaluation, and awarding of contracts through a variety of methods including RFIQ's, RFP's, and HUB sub-contracting. I was trained in project management by the Project Management Institute and in the development and use of Balanced Score Cards to help organizations meet their goals and stated mission.

Additionally, my wife and I have been the owners and operators of Cornerstone Real Estate, Inc. since 2003. We employ a staff of licensed agents that service a large portion of the central Texas market. We are both Taylor natives and have purposely chosen to stay in the Taylor area to raise our family and operate our business. Working in the real estate market has provided me with a unique insight into what it takes to make a community viable and attractive to both residents and investors. My hope is to make a difference in this town so that it is a place that both Taylor natives and newcomers will be proud to call home.

City of Taylor
Boards and Committee Application

PLEASE TYPE OR PRINT CLEARLY:

Name JAMES (JIM) BUZAN

Address (Residence and Mailing)

1309 Willow Brk. Trl.

Taylor

How long at this residence? 4 YRS

Phone (Home)

Cell Phone 432.312.1439

Fax

Email jamesbuzan4014@gmail.com

Occupation SELF-EMPLOYED

Employer

Address

Work Phone

Business owner? ☑ Yes ☐ No

Additional information?

Are you willing to meet via Zoom or other virtual software? ☑ Yes ☐ No

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. (Does not apply to the Comprehensive Plan Implementation Committee.) If more than one, please list in order of priority for which you wish to be considered.) : 1.) TEDC OR 2.) P&Z

Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience, training, skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.)

CURRENTLY SERVING ON TISD BOARD, LOCAL BUSINESS OWNER, B.S. CIVIL ENGINEERING (UT-AUSTIN), 30+ YEARS IN OIL & GAS INDUSTRY. HELD POSITIONS ON SEVERAL NON-PROFIT BOARDS

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, BUILDING AND STANDARDS COMMISSION, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board, Airport Board, or the TEDC. Change in residency status during term can result in termination of appointment.)*

I hereby swear and affirm that the information provided above is true and correct

Signature Jim Buzan Date 2-6-23

James Buzan

1309 Willow Brook Trail, Taylor, Texas 76574 JamesBuzan4014@gmail.com 432-312-1439

Summary of Qualifications

- Proven leader and team player with a positive attitude and exceptional interpersonal skills.
- Track record of building, maintaining, and optimizing Management Systems.
- Successful, long-term positions in Health Safety and Environmental; Global Projects and Operations.
- Extensive experience in compliance, risk assessments, auditing, investigations, and training programs.
- Owner of small business in Taylor – 74 Man Store.

Work History

February 2020 to Present
JBB & Associates, LLC: Taylor, Texas
Manager

- Provide Health Safety and Environmental consulting services: Compliance and Procedure Development and Improvement.
- Audit Processes and Work Practices against established requirements, Develop written reports and present issues, concerns and non-conformances to senior management. Assist with developing corrective actions as requested by client.
- Perform Training
- Incident Investigation

February 2018 to January 2020
3S Services, LLC: Carrizo Springs, Texas
Director - Health, Safety and Environmental

- Manage all Health Safety and Environmental matters for oilfield construction and service company.
- Develop staffing plan and manage multiple direct reports.
- Developed and Implemented Life Saving Rules for critical and high-risk tasks.
- Maintain HSE Management System including Policy and Procedure to meet OSHA, EPA and DOT requirements.
- Conduct incident investigations and prepare reports and presentations.
- Represent the company at customer meetings and gave presentation, as requested.
- Develop companywide HSE goals and improvement plans.
- Track and report all safety metrics (KPIs) including behavior-based observations, audits, inspections, incidents, and man-hours.
- Work with insurance provides to manage workers compensation program and company claims.
- Accountable for implementing New Hire Orientation and Training Program.
- Maintain ISNet, PEC and other customer 3rd party services.
- Responsible for regulatory required reports (OSHA, TCEQ, etc.).
- Audit Worksites for compliance with Internal HSE MS and Customer Expectations.
- Develop and Maintain Emergency Response Plans for multiple office locations.

November 2016 to January 2018
ConocoPhillips – Lower 48: Midland, Texas

Health, Safety and Environmental Supervisor - Mid-Continent Business Unit

- Completed Lower 48 (Enterprise Level) Risk Assessment; including meeting with Business Unit Leaders to document risk and develop mitigation strategies, as needed.
- Develop staffing plan to support Capital Projects and Business Unit level HSE program.
- Headed up effort to simplify HSE procedures, resulting in 20+ HSE procedures being eliminated from our Management System.
- Instrumental in implementing Life Saving Rules across business unit.
- Refined field audit program to focus efforts on high-risk activities.
- Simplified Pre-Start Up Safety Review procedure to match facility risk type.
- Led effort to deliver a common HSE Orientation procedure across the Business Unit.
- Manage the acquisition and analysis of both Leading and Lagging HSE indicators. Develop solutions to address negative trends.
- Represented the Company on Permian Basin Oilfield Crime Taskforce.

May 2012 to November 2016
ConocoPhillips – Lower 48: Midland, Texas
Production Superintendent – Delaware Basin Assets

- Started up Delaware Basin Unconventional Production and took the asset to over 15,000 BOED.
- Responsible for developing Long Range Plan for Production Growth, Lease Operating Expense and Staffing.
- Developed and implemented staffing plan that includes field personal, maintenance, engineering (production and facility) and other technical resources.
- Responsible for annual G&A budget of $3.5MM.
- Responsible for annual Lease Operating Expense budget of $50MM.
- Reduce cost by $5MM through optimization in compression and rental equipment.
- In 3.5 years of managing the asset, there were no OSHA recordables by either COP employees or contractors.
- Actively Participate in Community outreach programs.
- Managed all base capital construction projects.
- Oversaw Maintenance and Reliability program.

August 2008 to May 2012
ConocoPhillips – Lower 48: Midland, Texas
HSE Manager – Mid-Continent Business Unit

- Developed and managed budget and staffing plan.
- Ensure that the L48 HSE Management System philosophy, standards, programs and regulatory requirements are implemented across the 3 oil and gas operating areas for the 8 states (Texas, Oklahoma, New Mexico, Utah, Wyoming, North Dakota, Montana and Colorado) in which the Mid-Continent Business Unit we operate.
- Manage resources (internal and external) to ensure project deliverables are on time and within budget.
- Drive consistence in HSE procedures, Training Process and Contractor Safety Program.
- Ensure Emergency Response Plans were in place and periodic drills are conducted.
- Assess risk associated with Occupation Health issues and develop processes to manage those risks.
- Ensure that Environmental Permits (air, water, waste, SPCC, etc.) are obtained timely and processes are in place for on-going compliance.
- Interact with State and Federal agencies on rule making and impact.
- Participate in industry discussion groups and round tables.
- Manage BU HSE Self-Audit Process.

- Actively Participate in Community outreach programs.

August 2003 to August 2008

ConocoPhillips – Capital Projects: Houston, Texas and Beijing China
HSE Manager – Bohai Phase II Development Project

- Overall Project Health, Safety and Environmental Manager for $5.0 Billion capital project including 2 years in design (Houston) and 3 years in fabrication, installation and commissioning (Asia).
- Developed and managed budget and staffing plan.
- Manage resources (internal and external) to ensure project deliverables are on time and within budget.
- Supervised Engineers and other technical professionals to ensure that the overall ConocoPhillips Loss Prevention philosophy, standards, programs, and regulatory requirements affecting the Bohai project are incorporated into the overall project design, development and operational plan.
- Prepare supporting documentation for FRP's, RFQ's, Project Execution Plan, FEL deliverables, etc.
- Developed and implemented Process Hazards Analysis (PHA) program.
- Obtain Required Peoples Republic of China Regulatory Approvals.
- Support P&ID development by participating in reviews and meetings.
- Construction safety oversight for 7 fabrication and shipyard locations throughout Asia.
- Develop fabrication site specific HSE documents and training.
- Leverage internal (COPC) resources to achieve project objectives.
- No project delays for HSE permitting or Agency approvals.
- Actively Participate in Community outreach programs.

March 2001 to August 2003:

ConocoPhillips (merged company) – North America E&P: Borger, Texas
Health, Safety and Environmental Supervisor

- Responsible for all Health, Safety and Environmental programs for the Panhandle Oil and Gas operations.
- Developed and conducted HSE training program.
- Implemented HSE Management Systems including pressure vessel and PSV inspections.
- Coordinated Contractor Safety Program
- Developed annual HSE budget and Staffing plan.
- Actively Participate in Community outreach programs.

July 1998 to March 2001:

Phillips Petroleum - Phillips 66 Company Refining: Salt Lake City, Utah
Environmental Engineer

- Responsible for all air issues at 25,000 bbl/day refinery including, permitting, NSPS, NESHAP, Continuous Emissions Monitors, LDAR and testing.
- Developed comprehensive Environmental Compliance Program, including maintenance plans.
- Implemented EPA's Risk Management Program (RMP) in conjunction with other refiners in area.
- Coordinated emissions testing and plant turn around activities associated with pollution control equipment.
- Member of facility emergence response team and refinery's Community Relations Committee.

November 1996 to July 1998:

Phillips Petroleum - Chemical Company: Pasadena, Texas
Environmental Engineer

- Provided daily environmental support for 3.5 billion pound per year plastics complex.
- Participate in daily Maintenance Planning Meetings
- Primary responsibilities included, Title V compliance, Non-Attainment New Source Review permitting, Emission inventories, NSPS and HON.
- Successfully negotiated air permit for K-Resin Train IV expansion project ($300MM). No project delays were experienced due to environmental permitting.

- Developed plant operating procedures for Pollution Control Equipment.
- Actively Participate in Community outreach programs.

January 1991 to November 1996:

Phillips Petroleum – North America E&P Houston, TX and Lafayette, LA
Environmental Engineer

- Coordinated all water related programs for the seven regions in North America and Canada. This included: SPCC, OPA90, and NPDES.
- Developed programs and procedures for several environmental issues including waste management and pollution prevention.
- Coordinated the Divisions Waste Contractor Review program.
- Responsible for all environmental programs for onshore and offshore oil and gas production operations (air, water, waste, etc.)
- Developed Environmental Training Programs for operations.
- Managed field contractors
- Actively Participate in Community outreach programs.

Education

B.S. Civil Engineering, *The University of Texas at Austin*

Interests and Hobbies

I enjoy spending time with my family, serving in my church, community service and supporting nonprofits.

City of Taylor
Boards and Committee Application

PLEASE TYPE OR PRINT CLEARLY:

Name **John M. McDonald**

Address (Residence and Mailing)

2405 Meadow Ln

Taylor, Tx. 76574

How long at this residence? **22 years**

Phone (Home) **(512) 365-3528**

Cell Phone **(512) 569-6247**

Fax _____

Email

Occupation **Senior Application Developer**

Employer **DXC Technology**

Address **200 West Cesar Chavez Street**
Austin, Tx. 78701

Work Phone **(512) 365-3528**

Business owner? ☐ Yes X No

Additional information? _____

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. (Does not apply to the Comprehensive Plan Implementation Committee.) If more than one, please list in order of priority for which you wish to be considered.) : **Taylor Economic Development Corporation, TEDC**
Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience. training. skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.)
9 years Taylor City Council (two-time Mayor Pro-Tem). 5 ½ years Planning and Zoning Commission.

42 years investment experience, following world, national, & local business news, trends, & developments. I understand a balance sheet and can evaluate an earnings report.

Based upon wire & business reports and my own investigative skills, I determined the Taylor area was a prime candidate for the Tesla Gigafactory 6 weeks before it was first discussed in council executive session.

I believe the TEDC should be aggressive and fiduciary as possible to bring viable, new businesses to Taylor. Taylor has much work to do and I believe I have the skill set to help make economic develop occur.

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, BUILDING AND STANDARDS COMMISSION, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board,*

City of Taylor
Boards and Committee Application

PLEASE TYPE OR PRINT CLEARLY:

Name Kevin Stuart

Address (Residence and Mailing)
511 Washburn St.
Taylor, TX 76574

How long at this residence? 3 years

Phone (Home) _____

Cell Phone 504-444-2768

Fax _____

Email Stuartsemail@gmail.com

Occupation Professor

Employer Univ. of St. Thomas

Address 3800 Montrose Blvd.
Houston, TX 77006

Work Phone 713-522-7911

Business owner? ☐ Yes ☐ No

Additional information? _____

Are you willing to meet via Zoom or other virtual software? ☑ Yes ☐ No

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. (Does not apply to the Comprehensive Plan Implementation Committee.) If more than one, please list in order of priority for which you wish to be considered.) : TEDC, Main Street Advisory Board, Parks and Rec
Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience, training, skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.)

_____

_____

_____

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, BUILDING AND STANDARDS COMMISSION, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board, Airport Board, or the TEDC. Change in residency status during term can result in termination of appointment.)*

I hereby swear and affirm that the information provided above is true and correct

Signature _____ Date 2/9/23

DR. KEVIN ETHRIDGE STUART

EDUCATION

University of Texas at Austin (Austin, Tex.) 2006-2015
Doctor of Philosophy (Ph.D.) in Government

Fields: Political Theory and Public Law
Major interest areas include natural law theories, ancient political philosophy, Thomistic political theory, philosophy of law, constitutional law, religious liberty and pluralism, the Federalist and Anti-Federalist papers.

Visiting Scholar, University of Cambridge (Cambridge, UK) 2009-2010
Independent research on Thomas Aquinas's *Summa Theologiae*

London School of Economics and Political Science (London, England) 2004-2005
Master of Science (MSc), with Distinction *(summa cum laude)*, in Comparative Politics

Louisiana State University (Baton Rouge, La.) 1996-2000
National Merit Scholar, Chancellor's Scholar
Bachelor of Arts (BA) in English (concentration in Literature)
Bachelor of Arts (BA) in History, with College Honors

EXPERIENCE

Director, Master in Public Policy & Administration 2022-present
Director, Catholic Studies
Assistant Professor
University of St. Thomas (Texas)

President & Executive Director (Austin, Tex.) 2015-2022
Austin Institute for the Study of Family & Culture

- Created all of the organization's student formation and campus programs: lectures, seminar series, dinner discussion groups, reading groups, undergraduate fellows program, summer seminars (high school through graduate school)
- Structured budgeting processes to establish and meet targets
- Updated branding and marketing
- Implemented targeted advertising and a stronger digital presence
- Led and mentored a staff ranging from six to ten professionals and faculty (some in-person, others working remotely)
- Supervised over $4M in research projects on five continents.
- Built the "Center for Family Flourishing" to 'translate' for non-specialists high-quality research on questions of public policy affecting the family
- Formalized donor cultivation and development processes including software (Bloomerang)

- Implemented project management (using Basecamp)
- Guided the organization through the Covid pandemic without a loss of revenue
- Submitted amici curiae to the U.S. Supreme Court and testified multiple times as an expert witness in lower courts, the Texas House of Representatives, and the Texas Senate.
- Developed working relationships with elected officials and their staff as well as other Texas-based public policy organizations
- Advised on and assisted in the shepherding of two bills to passage in the 2021 legislative session: one on religious freedom and another protecting the safety and competitiveness girls' sports
- Managed two John Templeton Foundation-funded projects (one large grant and one small grant, as they define them)

Headmaster (Taylor, Tex.) 2021-2022
St. Mary's Catholic Classical High School

- Increased enrollment over 300% in one year (7 students to 24)
- Recruited high-quality Catholic faculty members
- Implemented dual-credit program for college credit
- Developed handbook, policies, standardized processes and increased organization for the school
- Enhanced fundraising relationships
- Initiated fundraising plans for student pilgrimage to Rome
- Implemented student and parent handbook
- Created dual-credit program for college-credit classes
- Built a "practical arts" track alongside the fine arts track
- Formed relationships between the school and civic leaders
- Safeguarded Catholic identity and fidelity within the school's culture

President (New Orleans, La.) 2010-present
Teddlie Stuart Media Partners, Inc.

- Pollie award-winning and Addy award-winning chief strategist for political campaigns, public relations, creative work, marketing, media, and advertising
- Political Campaigns including: Federal SuperPAC work, U.S. Congress (multiple), Attorney General (multiple), State Senate (multiple), State House of Representatives (multiple), Public Service Commission, judicial offices ranging from local to state Supreme Court, and mayoral and city council races.
- Polling & research strategy, analysis, reporting
- Non-political work included most notably Walgreens Covid Vaccine campaign, IV Capital Partners, Save the New Orleans World Trade Center campaign, NFL Players Wives organization for the Super Bowl, Galatoire's Restaurant, the launch of Superior Seafood, and the launch of the Dooky & Leah Chase Family Foundation

Teacher (New Orleans, La.) 2014-2015
Philosophy

Isidore Newman School

Supplemental Instructor 2010
Government Department
University of Texas at Austin

Graduate Research Assistant Aug 2006-Aug 2009
Center for the Study of Western Civilization
University of Texas at Austin
Supervisor: Professor Robert C. Koons

- Taught Executive Seminar sessions on selections from "great books" to business executives and others
- Led a reading group of faculty and graduate students
- Organized fundraising efforts and approaches to foundations
- Liaison to government officials and donors
- Recruited high-achieving students to be junior fellows
- Instructed freshman seminar

Teaching Assistant 2008
Government Department
University of Texas at Austin

SERVICE

Chairman, Diocesan School Advisory Board (Austin, Tex.) 2022

Honorary Chair, "Saints & Scholars" (Austin, Tex.) 2022
Diocese of Austin

Strong Families of Taylor (Taylor, Tex.) 2022 – present
Founder

Diocesan School Advisory Board (Austin, Tex.) 2017 – present
Diocese of Austin

Editor (Austin, Tex.) 2016 – present
Catholic Social Thought book series, Franciscan University Press
Society of Catholic Social Scientists

Chairman of the Board (Austin, Tex.) 2016 – present
Austin Catholic Classical Project

President (New Orleans, La.) 2015 – present

New Orleans Institute for Politics, Philosophy, and Economics

Advisory Board Member (New Orleans, La.) 2013 – present
Alexis de Tocqueville Project
University of New Orleans

Board of Directors (Austin, Tex.) 2017
Young Catholic Professionals
Austin Chapter

PUBLICATIONS, PAPERS, PRESENTATIONS, AND CONFERENCES

Publications

"A Small Texas City Gets a Drag-Queen Parade for Christmas" in *Wall Street Journal*, December 9, 2022.

"Behind Closed Doors: Public Restrooms and the Fight for Women's Equality" (co-author) in *Texas Review of Law and Politics* 24:1 (2020).

"A Dark Coast: An Application of Conscience in Contemporary Ethics" in *Catholic Social Science Review* 22: 27-37 (2017).

"Rawlsian Public Reason and the Theological Framework of Martin Luther King, Jr.'s 'Letter from Birmingham Jail'" (co-author) in *Politics & Religion*, Spring 2013.

Public Writing

"OK, Senator" in *The American Mind*, October 26, 2020. https://americanmind.org/salvo/ok-senator/

"The Extended Family Can't Replace the Immediate Family" in *The American Mind*, February 21, 2020. https://americanmind.org/salvo/the-extended-family-cant-replace-the-immediate-family/

"A Dialogue on the New Nationalism" in *America*, October 22, 2019. https://www.americamagazine.org/politics-society/2019/10/22/dialogue-new-nationalism

"Liberalism is Failing Because It Rejected Orthodox Christianity" in *Public Discourse*, May 28, 2019. https://www.thepublicdiscourse.com/2019/05/51848/

"Rebuilding Social Capital in Trump Country" in *The American Conservative*, May 9, 2019. https://www.theamericanconservative.com/articles/rebuilding-social-capital-in-trump-country/

"Against the Dead Consensus" (co-author) in *First Things*, March 21, 2019. https://www.firstthings.com/web-exclusives/2019/03/against-the-dead-consensus

"American Civil Religion, Rightly Understood" in *The American Mind*, November 21, 2018. https://americanmind.org/features/a-claremont-thanksgiving/thanks-for-what-antle-codevilla-alt-wolfe/american-civil-religion-rightly-understood/

"Attack Sebastian Gorka's Ideas, Not His Credentials or Person" in *Federalist*, May 9, 2017. https://thefederalist.com/2017/05/09/attack-sebastian-gorkas-ideas-not-credentials-person/

"The Power of a Dad, a Kid, and a Game of Catch, Institute for Family Studies, December 15, 2016. https://ifstudies.org/blog/the-power-of-a-dad-a-kid-and-a-game-of-catch/

"Trump's Populist Appeal is a Shock to the Ideological Cores of Both Major Political Parties" in *America*, November 16, 2016. https://www.americamagazine.org/politics-society/2016/11/16/trumps-populist-appeal-shock-ideological-cores-both-major-political

"Why Fathers Are Crucial to Aspiring Major Leaguers" in *Washington Examiner*, October 29, 2016. https://www.washingtonexaminer.com/tag/mlb?source=%2Fwhy-fathers-are-crucial-to-aspiring-major-leaguers%2Farticle%2F2605930

"Is Baseball a White Man's Sport" in *Detroit News*, October 27, 2016. https://www.detroitnews.com/story/opinion/2016/10/27/baseball-white-mans-sport/92871554/

"Brock Turner, Moral Outrage, and Natural Law" in *Public Discourse*, September 16, 2016. https://www.thepublicdiscourse.com/2016/09/17660/

"Taxing Churches Would Marry Church and State" (co-author) in *Federalist*, September 28, 2015. https://thefederalist.com/2015/09/28/taxing-churches-would-marry-church-and-state/

"MLK's Philosophical & Theological Legacy" (co-author) in *Public Discourse*, January 16, 2012. https://www.thepublicdiscourse.com/2012/01/4503/

Papers, Presentations, and Conferences

"Prudence: the Forgotten Virtue" — September 2020
Austin Institute for the Study of Family and Culture

Foundation for Excellence in Higher Education — March 2021
"Developing and Engaging Trustees and Advisors"
Executive Director training for 24 institutes

Southern Political Science Association — January 2019
Adjacent conference organizer and presenter
"The Family in Law and Politics Today"

Chapman University, National Association of Scholars — January 2019
"Academic Heretics"

Harvard University, Abigail Adams Institute — August 2018
"Behind Closed Doors: a Corrected History of Bathroom Politics"

American Political Science Association August 2018
"Co-ed housing and the Prevalence of Sexual Assault on College Campuses"

Austin Institute for the Study of Family and Culture November 2016
Lecture: "Election 2016 Post-Mortem: What in the World Happened?"

American Maritain Association February 2016
"Thomists Wrestle with Pluralism"

Western Political Science Association March 2013
Presented paper "John Rawls and Philosophical Anthropology: What is the Basis for a Stable Social Peace?"

"Limited Government & the Rule of Law" Conference, Grand Rapids, MI February 2013

"Evaluating the Idea of Social Justice" Conference, Detroit MI February 2012

"The Scottish Enlightenment" Conference, Mecosta, MI April 2011

Southern Political Science Association January 2011
Presented paper "Rawlsian Public Reason and the Theological Framework of Martin Luther King, Jr.'s 'Letter from Birmingham Jail'" (co-authored with Justin Buckley Dyer of the University of Missouri—Columbia).

Midwest Political Science Association Conference April 2009
Presented paper "Aristotle's Advice to the New U.S. President on Picking Judges"

Midwest Political Science Association Conference April 2009
Discussant, "Tyranny, Ancient and Modern."

Lehrman American Studies Princeton Institute on American History and Founding 2008

Philosophical Foundations of the Social Sciences July 2007
Oxford University, UK

Western Political Science Association March 2007
Presented paper: "Driving the Economy: Mercedes-Benz, Alabama, and the Race to the Bottom"

First Principles, Witherspoon Institute August 2005, 2006, 2007

COURSES AND SEMINARS TAUGHT

"Public Administration Ethics" (2023), University of St. Thomas

"Public Organizations: Theory and Behavior" (2023), University of St. Thomas

"Decision Making for Public Policy" (2022), University of St. Thomas

"Policy Development and Implementation" (2022), University of St. Thomas

"Current Issues in Public Policy" (2022), University of St. Thomas

"The Great Divides: What's Dividing Americans in the Era of Polarization?" (2021), Austin Institute for the Study of Family and Culture

"Fighting for Your Attention and Stealing Away Your Time: How to Survive in a Distracted World" (2021), Austin Institute for the Study of Family and Culture

"The Constitution at the Crossroads: Religious Liberty & the New Civil Rights Movement" (2017), Austin Institute for the Study of Family and Culture

"Founding Debates: Federalists and Antifederalists" (2008), University of Texas at Austin (TA and discussion section instructor)

"Human Life: Basic Philosophical Questions and Answers" (February-March 2008), Christ Church Parish. Taught a seminar series on the fundamental political-philosophical questions surrounding human persons: what a person is and what that means for our conduct.

Guest Lecturer (April 2007) "The Philosophies of the American Founders," "Contemporary American Social Theory," and "State Sovereignty and Human Rights," University of Texas at Austin

Lecturer (April 2007) UT Quest program,

AWARDS

Catholic Education Service Award	2020
Nominee, Best Paper, Southern Political Science Association Conference	2011
Pre-dissertation Fellowship, Witherspoon Institute	2009-2010
H.B. Earhart Fellowship	2009-2010
Weaver Fellowship, Intercollegiate Studies Institute	2008-2009
Grant for Summer Study at Oxford, Witherspoon Institute	2007
Scholarship to attend First Principles, Witherspoon Institute	2005-2007
Resident Scholar, Sigma Phi Epsilon Educational Foundation	2006-2010
Full funding award, University of Texas	2006-2011
Graduate Support Scholarship, LSE	August 2004

City of Taylor
Boards and Commission Application

PLEASE TYPE OR PRINT CLEARLY

Name Rachael Westerman

Address (Residence and Mailing)
2300 W. Lake Dr.
Taylor, TX 76574

How long at this residence? 4 yrs

Phone (Home) 512 659 1104

Cell Phone Same

Fax n/a

Email rachaelwesterman@hotmail.com

Occupation Business / Advocacy

Employer Taylor Chamber of Commerce

Address 1519 N. Main St.
Taylor, TX 76574

Work Phone 512 352 6364

Business owner? ☐ Yes ☒ No

Additional information?

Are you willing to meet via Zoom or other virtual software? ☒ Yes ☐ No

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. If more than one, please list in order of priority for which you wish to be considered.) :

Taylor EDC

Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience, training, skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.)

This would be a great partnership since I am the Membership & Operations Director at Greater Taylor Chamber of Commerce

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board, Airport Board, or the TEDC. Change in residency status during term can result in termination of appointment.)* Applications must be received at least 10 business days prior to Council making appointments.

I hereby swear and affirm that the information provided above is true and correct.

Signature _____ Date 3/21/23

City of Taylor
Boards and Committee Application

PLEASE TYPE OR PRINT CLEARLY:

Name Samuel Avila

Address (Residence and Mailing)

960 County Road 481

Thrall, Tx 76578

How long at this residence? 2 yrs

Phone (Home) 708 528 9519

Cell Phone 708 528 9519

Fax

Email Sam.Avila@ymail.com

Occupation Assc. Director of Provider Recruiting

Employer Lone Star Circle of Care

Address 205 E. University Ave.

Georgetown, Tx 78626

Work Phone (512) 686 0152 x10221

Business owner? ☐ Yes ☐ No

Additional information?

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. (Does not apply to the Comprehensive Plan Implementation Committee.) If more than one, please list in order of priority for which you wish to be considered.) : TEDC, Main Street Advisory Board

Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience, training, skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.)

Letter attached for your review.

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, BUILDING AND STANDARDS COMMISSION, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board, Airport Board, or the TEDC. Change in residency status during term can result in termination of appointment.)*

I hereby swear and affirm that the information provided above is true and correct

Signature [signature] Date 3/6/2020

SAMUEL M. AVILA

Fort Worth, TX | ✆: 708.528.9519 | ✉: sam.avila@ymail.com

Physician Sourcing, Recruitment, & Retention | Consulting | Transformation & Change Management

CORE COMPETENCIES

- Process Standardization
- Negotiation & Influencing
- Turnover Rate Reduction
- Project Management & Execution
- Candidate & Metrics Tracking
- Trend/Market Identification & Analysis
- Onboarding & Training
- Optimized Workforce Planning
- Cross-Departmental Collaboration
- Diversity, Equity, & Inclusion
- C-Level Stakeholder Communication
- Mentoring & Coaching

- **Strong history of success** in enabling healthcare organizations to meet their physician development strategies and goals by serving as key leader in the sourcing and coordination of physician recruitment efforts.
- **Consistently innovating scalable and equitable recruiting processes** with a focus on experience excellence for candidates and internal stakeholders.
- **An expert in clinical recruiting,** capable of implementing infrastructures and processes needed to cultivate a team of high-performing recruiters and sourcing professionals with significant hiring volume.
- **Skilled in salary analysis** with a talent for leveraging knowledge of changing physician compensation market rates to ensure competitiveness.

CAREER HIGHLIGHTS

- Successfully scaled recruitment strategies and programs to the hiring needs of a non-profit organization (Lone Star Circle of Care – LSCC) for seven consecutive years, demonstrating adaptability during periods of rapid growth and high-turnover.
- Effectively minimized turnaround and improved retention despite working in an industry with low-range salary expectations by initiating challenging conversations with incoming candidates and achieving positive outcomes.
  - Trended a large year-by-year improvement in retention to achieve LSCC's historic best during a three-year period.
- Served as timekeeper for LSCC's CEO, COO, CMO, CFO, and EA; responsible for managing their annual review and reporting process for the CEO. Complete super-user access to HR exponent salary and timekeeping, & calendar organizational wide.
- Gained extensive committee leadership experience throughout career, currently leading the Employee Engagement Committee and Communication/Outreach Committee at LSCC. Hosted various events to include 800+ attendee holiday parties and key annual gatherings, among many more events and volunteer initiatives.
- Directly contributed to LSCC's success in the introduction of 160+ FTE (200+ individuals) providers into the network in FY'20 as well as the lowest provider turnover rate. Assisted in the finance department to achieve the following results:
  - Record year for total revenue of $83.8M (8% increase from FY'20).
  - A patient increase rate of 21.6% from YTD.
  - Lead Retention Negotiations with an average of 30 providers annually, reaching positive contract renewal outcomes.
  - Accelerated patient panel growth for new and developing clinics.
  - 75% of the current provider staff for LSCC hired during tenure as Associate Director of Provider Recruiting (an average of 37+ hires annually, with 2021 resulting in a high of 40+ Physicians hired).

PROFESSIONAL EXPERIENCE

IBM (Providence SJH TA), Remote — 2014 – Present

Talent Advisor (Remote Position), 2021 - Present

Talent Advisor provides client satisfaction with IBMs RPO services through a collaborative partnership with Hiring Managers, Executives & Business unit leaders. Utilized interpersonal skills to resolve provider concerns or questions at any given time.

- Build sourcing & recruitment strategies using high touch technology
  - Taleo, ModernHire, Oasis, Workday, Box, and more
- Forecast talent needs using appropriate client related data
- Troubleshoot potential issues, develop strategies & recommend areas of improvement and ensure best practices.
- Provide leadership & oversight to my team
- Responsible for sourcing, recruiting, interviewing, evaluating and placing candidates for my clients
- Engage with community partners & build strong networks with appropriate markets

…continued

Lone Star Circle of Care (LSCC), Austin, TX 2014 –2021

Associate Director of Provider Recruiting (Remote Position), 2016 – 2021

Supervise provider recruitment and candidate sourcing strategies for 45 clinics across 28 locations. Utilize effective methods to identify key markets and source/hire candidates with the required skills and proficiencies to meet business unit objectives for Pediatrics, Family and Senior Medicine, OBGYN, Behavioral Health, Dental, and Pharmacy. Contribute to successful departmental projects and initiatives. Build key relationships with provider staff members to ensure cross-functional adoption of clinic changes and bolster overall morale.

Selected Contributions:

- Cultivated a welcoming, inclusive, and diverse work environment for executive staff members as the Employee Engagement Leader and Provider Liaison.
  - Utilized interpersonal skills to resolve provider concerns or questions at any given time.
  - Mended relationships between department and Human Resources that enabled open communication and unimpeded information flow between divisions.
- Slashed the number of agency hires in half with a forecasted $100k in annual savings from reduced placement fees by focusing on non-agency hires and building a self-reliant recruitment function.

Selected Contributions (cont.):

- Enabled the continued increase of expansions and clinic growth by facilitating the hire of an additional Executive Assistant (EA).
  - Scheduled all executive staff activities as well as large-scale manager meetings, training sessions, and external events.
  - Organized, coordinated, and presented for weekly Provider Service Line Meetings.
  - Trained the current EA to exceed expectations of established job standards. Improved internal processes with the EA, including business card management and standardization of old or unorganized templates.
- Streamlined provider onboarding processes by identifying and correcting gaps with the CMO and developing a solid timeline. Eliminated obstacles and created a cross-functional roadmap for success.

Executive Assistant to the CEO, 2014 – 2016

Managed office operations for the executive wing and served as key point person for the administrative division. Processed expenditures for conferences, collaborated with facilities to implement emergency evacuation measures, and ordered/approved office supplies. Handled general communication, allocated resources, and engaged in various employee events.

Selected Contributions:

- Interacted and presented to senior executives in a highly visible role.
- Gained excellent consultative skills and the ability to build strong, long-term relationships to better understand business priorities, needs, and plans.
- Collaborated across divisions to develop and implement programs and procedures that improve departmental support.
- Represented the non-profit organization throughout interactions with the Operations teams, including the Joint Commission Prep team, Patient Experience division, and School Engagement programs.

ADDITIONAL EXPERIENCE

Rent-A-Center, Austin, TX 2012 – 2016

Sales Manager

- Managed and monitored store operations, including end-of-day cash audits, inventory invoicing, checklist management, scheduling, and planning. Accurately filed and maintained confidentiality of 800+ customer files.
- Continuously grew sales to exceed district averages through strategic resource coordination and customer service.
- Provided one-on-one coaching and feedback sessions for the Sales and Delivery teams to ensure their daily operational success.

John H. Stroger Jr. Hospital, Chicago, IL 2011 – 2012

Anesthesia Technician

- Supported the anesthesiologists and nurse anesthetists in patient care activities in a fast-paced operating room environment.
- Served as key technical support for patient monitoring systems; identified and resolved equipment issues.

United States Air Force, Lackland AFB, TX 2005 – 2010

Health Services Management

- Oversaw the Pulmonary department with cross-functional supervisory responsibilities throughout daily operations.
- Maintained accuracy, security, and confidentiality of 1+ medical coverage reports and medical records for new recruits.
- Coordinated and managed medical appointment schedules for 15+ specialty clinics within the Level 1 trauma center.
- Spearheaded training and development for administrative staff.
- Selected to serve as the Physical Training Lead responsible for organizing two-hour workout sessions three times a week.

EDUCATION

Bachelor in Business Administration, Project Management, 2016 | Ashford University
Associate of Arts & Sciences (AAS), 2013 | Moraine Valley Community College

RECRUITING TECHNICAL TOOLS & PLATFORMS

LinkedIn, Indeed, PracticeMatch, Doximity, HealthECareers, Inline Group, PracticeAlert, BountyJobs, Association/University Job Boards, ATS, iCIMS

City of Taylor
Boards and Committee Application

PLEASE TYPE OR PRINT CLEARLY:

Name Stacey Smith_____

Address (Residence and Mailing) _3406 FM 112,

Taylor, TX 76574

How long at this residence? 10 years_____

Phone (Home)

512-569-8835_____

Cell Phone 512-569-8835_____

Fax None_____

Email staceyjill22@gmail.com

Occupation_Business Owner_____

Employer Self employed_____

Address _3406 FM 112, Taylor, TX 76574_____

Work Phone _512-569-8835_

Business owner? X Yes No

☐ ☐

Additional information? I am on the Ambassador Leadership Board for the Taylor Chamber of Commerce

Are you willing to meet via Zoom or other virtual software? ☐X Yes ☐ No

List the Board or Commission you are applying for. A person may not be appointed by the City Council to serve on more than one board or commission simultaneously. (Does not apply to the Comprehensive Plan Implementation Committee.) If more than one, please list in order of priority for which you wish to be considered.) : _Taylor Economic Development Corporation

Please consider attending a committee meeting of interest to you prior to submitting your application. Check the website at http://www.taylortx.gov for a complete roster of committee appointees.

List experience, training, skills or interests which you believe you could bring to this position. (Attach resume or additional pages if needed.) _I have served on the Moody Museum Board and the Main Street Board. I am an active volunteer with the Taylor Chamber of Commerce and head the Ambassador Leadership Board. I have managed Bland's Jewelry and currently run my own coffee roasting business. I understand the importance of maintaining the character of Taylor while being an active participant in the growth that is an integral part of Taylor's future success.

APPLICANTS FOR ZONING BOARD OF ADJUSTMENTS, PLANNING AND ZONING, BUILDING AND STANDARDS COMMISSION, AND PARKS AND RECREATION BOARD MUST BE A LEGAL RESIDENT OF THE UNITED STATES AND A VOTING RESIDENT WHO LIVES AND RESIDES* IN THE CITY OF TAYLOR. *(*Effective 12/16/08. Residency requirement does not apply to the Moody Museum Board, Library Board, Main Street Advisory Board, Airport Board, or the TEDC. Change in residency status during term can result in termination of appointment.)*

I hereby swear and affirm that the information provided above is true and correct

Signature Stacey Smith Date 3/2/2023

TEDC

Feb 2023

MEMBER NAME	1/26/2022	February 2022 no meeting	8/25/2021	4/27/2022	5/25/2022	6/27,2022	7/20,2022	8/24,2022	9/28, 2022	10/26/2022	12/7/2022	12-13-22 Joint Meeting	TOTAL MEETINGS CALLED	TOTAL MEETINGS ABSENT	Met Attendance Requirement per handbook
Kelly Cmerek	P	0	P	P	P	P	P	P	P	P	P	EA	12	1	Yes
Betty Day	P	0	P	P	P	P	P	P	P	P	P	P	12	0	Yes
Joe Burgess	P	0	A	P	P	P	P	P	P	P	A	P	12	2	Yes
Sam Dowdy	P	0	A	P	A	P	P	P	A	P	A	P	12	4	No
Robert Garcia	P	0	P	P	P	P	P	P	P	P	P	P	12	0	Yes

EA = Excused Absence, per Chairman

A = Absent, not excused

P = Present at meeting

Please Note: B. Day - work conflict. J. Burgess - apptmt

Attendance Requirement: Per City Council policy via B&C handbook, if a member is absent from more than twenty-five (25%) percent of the duly called meetings in any period of twelve (12) consecutive months or absent from more than two duly called meetings in any period of twelve consecutive months, whichever is greater, for any reason, other than a reason acceptable to the Chairman of that Board, which prevents the public officials' attendance, the member shall be disqualified and automatically removed from serving as a board member.

The term "duly called meetings" includes all meetings of the board and all meetings of subcommittees of the board on which the public official serves.

The Chairman of each Board, upon request by the Board's staff liaison or the City Clerk, shall forward to the liaison or City Clerk his/her opinion or reason for each member's absence over the 25% of the duly called meetings or more than two duly called meetings in any period of twelve (12) consecutive months. Final determination lies with the City Council.