City of Hutto

Agenda

City Council Meeting

Thursday, January 8, 2026 at 7:00 PM

Council Chambers, City Hall – 500 W. Live Oak Street

1. **CALL SESSION TO ORDER**
2. **ROLL CALL**
3. **INVOCATION**
4. **PLEDGE OF ALLEGIANCE**
5. **PROCLAMATIONS**
   - 5.1. World Braille Day (DEIB Commission)
   - 5.2. Martin Luther King, Jr. Day (DEIB Commission)
6. **CITY MANAGER COMMENTS**
7. **PUBLIC COMMENT**

   Please fill out required registration form before meeting. Public comment is limited to 3 minutes. City Council can not talk about any items not on the agenda per state law. Written comments for this meeting may also be sent to comments@huttotx.gov PRIOR to 4:00 pm on January 8, 2026. The email must include name, address, phone # and email to be recognized properly. Written comments will be provided to Council.
8. **BOARDS AND COMMISSIONS**
   - 8.1. Consideration and possible action regarding possible appointments, re-appointments and/or removals to City Boards, Commissions, Task Forces, Economic Development Corporations, Local Government Corporations and Tax Increment Reinvestment Zone Boards, and Area Government appointments.
   - 8.2. Consideration and possible action regarding recommendations or updates from City Council sub-committees (i.e. HISD, Public Safety, Co-Op).
9. **CONSENT AGENDA ITEMS**
   - 9.1. Consideration and possible action on Resolution No. R-2026-001 to award the Legends of Hutto Drainage Channel Project to Liberty Civil Construction in the amount of $3,412,096.80 and authorizing the City Manager to execute the construction contract with Liberty Civil Construction (CIP Project D01-2024). (Matt Rector)
   - 9.2. Consideration and possible action on Resolution No. R-2026-002 authorizing the City Manager to execute a task order with Arias in the amount of $48,650 for construction materials testing related to the Legends of Hutto Drainage Channels (CIP D-01). (Matt Rector)
   - 9.3. Consideration and possible action on Resolution No. R-2026-003 authorizing the City Manager to execute a Job Order with National Works in the amount of $326,346 for the Rehabilitation of the Enclave Lift Station funded from the Public Works Operations and Maintenance budget. (Rick Coronado)

9.4. Consideration and possible action on Resolution No. R-2026-004 authorizing the City Manager to execute a general service agreement with PVS in the amount of $113,040 for the purchase and delivery of sodium hypochlorite solution for drinking water treatment chemicals. (Rick Coronado)

9.5. Consideration and possible action on Resolution No. R-2026-005 authorizing additional professional design services for the Exchange Boulevard Intersection Project in the amount of $65,000 for amendment No. 1 Individual Project Order (IPO) 2024 with K. Friese and Associates (Capital Improvement Project T15-2024). (Matt Rector)

9.6. Consideration and possible action on Resolution No. R-2026-006 accepting the infrastructure improvements for the FM 1660 and Limmer Loop, Capital Improvement Project (CIP-T03-2023) as public infrastructure. (Matt Rector)

9.7. Consideration and possible action on Resolution No. R-2026-007 accepting the infrastructure improvements for the Hutto Megasite Wastewater Pipeline, Capital Improvement Project (CIP-WW07-2023) as public infrastructure. (Matt Rector)

9.8. Consideration and possible action on Resolution No. R-2026-008 accepting the infrastructure improvements for the Hutto Wastewater Megasite Liftstation, Capital Improvement Project (CIP-WW07-2023) as public infrastructure. (Matt Rector)

9.9. Consideration and possible action on Resolution No. R-2026-009 approving the Professional Services Agreement by and between the City of Hutto and the Lakeside Municipal Utility District No. 9. (Sara Cervantes)

9.10. Consideration and possible action on Resolution No. R-2026-010 approving a revised version of the Hutto Megasite Tax Increment Reinvestment Zone Project and Financing Plan (TIRZ #3). (Alberta Barrett)

9.11. Consideration and possible action on Ordinance No. O-2026-001 amending the budget for FY 2026. (Alberta Barrett)

9.12. Consideration and possible action on Resolution No. R-2026-011 designating the *Taylor Press* as the official newspaper of record for all official City publications. (Laura Hallmark)

9.13. Consideration and possible action on approving the following City Council meeting minutes: December 18, 2025 Work Session and December 18, 2025 Regular Meeting. (Laura Hallmark)

10. OTHER BUSINESS

10.1. Consideration and possible action on appointing a person to fill the unexpired term of Place 1 City Council Member for the City of Hutto, Texas. (City Council)

10.2. Discussion and possible action on City Council Place 5 regarding compliance with Resolution R-2023-022 and Section 3.02 of the Hutto City Charter; declaring Council Place 5 per Section 3.06(a) and 3.06(b)(1) of the Hutto City Charter vacant for failure of Council Member for Place 5 to meet the qualifications of office; and if necessary, removal from Office and Boards and Commissions. (Councilmember Porterfield)

10.3. Presentation and update on the Justice Center Facility (CIP F02-2024) Planning and Programming Update. (Matt Rector)

10.4. Discussion and possible action regarding Employee HR Handbook, including but not limited to full time employee time card recording. (Mayor Snyder)

11. EXECUTIVE SESSION

The City Council for the City of Hutto reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above as authorized by the Texas Government Code Sections 551.071 (Litigation/Consultation with Attorney), 551.072 (Deliberations regarding real property), 551.073 (Deliberations regarding gifts and donations), 551.074 (Deliberations regarding personnel matters) or 551.076 (Deliberations regarding deployment/implementation of security personnel or devices) and 551.087 (Deliberations regarding Economic Development negotiations).

11.1. Receive legal advice pursuant to Texas Government Code Sec. 551.071, (Consultation with Attorney), to deliberate and seek legal advice regarding:
a) the proposed amendment to the Schmidt's Creek Planned Unit Development and related extension of Live Oak St.; b) Interlocal Agreements for the allocation of sales tax revenue between the Williamson County Emergency Services District #3 and the City of Hutto, Texas; c) Foreign Trade Zone application for Hanaro One Way, Inc. and request for a no-objection letter; and d) the proposed Development Agreement by and between the City of Hutto and Cerco Development, Inc. for the project known as Endeavor Hutto Retail.

11.2. Receive legal advice pursuant to Texas Government Code Section 551.071 (Consultation with Attorney) and deliberations pursuant to Texas Government Code Sections 551.072, (Real Property); 551.087 (Economic Development Negotiations) related to pending economic development projects being considered by the Hutto Economic Development Corporation or the City of Hutto, including but not limited to: (a) Project Core; (b) Project Lake; (c) Project Cottonwood ; (d) Project Sequel; (e) Project Air; (f) the acquisition of water and/or wastewater easements relating to Lot 1, Block A of Hanson's Corner Addition Subdivision.

11.3. Pursuant to Texas Government Code section 551.071 (Attorney Consultation) and section 551.072 (Real Estate) to deliberate and seek legal advice regarding: a) the acquisition of real property interests as part of the CR 132 Realignment project (CIP T41-2025) including a resolution authorizing the acquisition, including by use of eminent domain, if necessary: Estates of Hutto, LLC (Parcel 2).

12. ACTION RELATIVE TO EXECUTIVE SESSION

12.1. Consideration and possible action related to Executive Session agenda items, listed above.

12.2. Consideration and possible action to approve a No-objection Letter for the Foreign Trade Zone application for Hanaro One Way, Inc. and authorize the Mayor to sign the letter.

12.3. Consideration and possible action on Resolution No. R-2026-012 authorizing the acquisition, including by use of eminent domain, if necessary, of real property interests as part of the CR 132 Realignment project (CIP T41-2025): a) Estates of Hutto, LLC (Parcel 2).

13. CITY COUNCIL COMMENTS

Pursuant to Texas Government Code Sec. 551.0415, a member of the governing body may make an announcement about items of community interest during a meeting of the governing body without given notice of the subject of the announcement.

13.1. General Comments from City Council

13.2. Future Agenda Items

14. ADJOURNMENT

15. CERTIFICATION

I certify that this notice of the January 8, 2026 Hutto City Council meeting was posted in accordance with the Texas Open Meetings Act on the City of Hutto website (huttotx.gov) and the City Hall bulletin board (500 W. Live Oak Street) on January 2, 2026 before 5:00 P.M.

Laura Hallmark

Laura Hallmark

The City of Hutto is committed to complying with the Americans with Disabilities Act. The Hutto City Council Chamber is wheelchair accessible. Request for reasonable special accommodations must be made 48 hours prior to the meeting. Please email the City Secretary's office at CitySecretary@huttotx.gov or call (512) 759-4839 for assistance.

WHEREAS, World Braille Day is celebrated annually on January 4th to honor the birthday of Louis Braille, the inventor of the tactile reading and writing system; and

WHEREAS, this day serves to raise awareness regarding the importance of braille for the independence and human rights of blind and visually impaired individuals; and

WHEREAS, braille promotes literacy, inclusion, and equal access to information, marking the start of Braille Literacy Month; and

WHEREAS, braille is recognized as a code rather than a language, a distinction reflected in its continued evolution such as the introduction of Unified English Braille (UEB) in 2016; and

WHEREAS, the use of braille offers empowerment and independence, ensuring that individuals can achieve equal participation in society; and

WHEREAS, braille remains a vital tool for navigating daily life, providing essential access to everything from elevator buttons to digital content; and

WHEREAS, celebrating World Braille Day offers an opportunity to recognize the contribution of braille to the visually impaired community and its role in fostering education and critical thinking.

NOW, THEREFORE, we, the City Council of the City of Hutto, do hereby proclaim January 4, 2026 as:

World Braille Day

and encourage all Hutto residents to recognize the significant contributions of the braille system and participate in efforts that promote literacy, accessibility, and inclusion for the blind and visually impaired members of our community.

CITY OF HUTTO, TEXAS

_____

Mike Snyder, Mayor

WHEREAS, Dr. Martin Luther King Jr. was a visionary leader whose unwavering commitment to justice, equality, and nonviolence helped transform the nation and advance civil rights for all people; and

WHEREAS, Dr. King's leadership and sacrifice inspired the passage of landmark civil rights legislation and strengthened the principles of freedom, dignity, and opportunity that are fundamental to our democracy; and

WHEREAS, Dr. King's message reminds us that progress is achieved not only through laws, but through service, courage, unity, and a shared commitment to the common good; and

WHEREAS, the observance of Martin Luther King Jr. Day serves as both a celebration of Dr. King's legacy and a call to action for individuals and communities to engage in service, reflection, and dialogue; and

WHEREAS, the City of Hutto values diversity, inclusion, equity, and respect, and recognizes the importance of fostering a community where all residents feel welcomed, heard, and empowered; and

WHEREAS, honoring Dr. King's legacy encourages the residents of Hutto to continue working together to address injustice, strengthen community relationships, and promote understanding and compassion among all people.

NOW, THEREFORE, we, the City Council of the City of Hutto, Texas, do hereby proclaim January 19, 2026, as

MARTIN LUTHER KING JR. DAY

and encourage all Hutto residents to observe this day through acts of service, community engagement, education, and reflection, honoring Dr. King's enduring legacy and recommitting ourselves to the ideals of equality, justice, and unity.

CITY OF HUTTO, TEXAS

_____

Mike Snyder, Mayor

AGENDA ITEM REPORT
9.1.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-001 to award the Legends of Hutto Drainage Channel Project to Liberty Civil Construction in the amount of $3,412,096.80 and authorizing the City Manager to execute the construction contract with Liberty Civil Construction (CIP Project D01-2024). (Matt Rector)
Meeting:	Thursday, January 8, 2026
Department:	Engineering /
Staff Contact:	Matt Rector

ITEM SUMMARY:

On November 7, 2024, City Council approved the Renewal Master Services Agreement with WSB for the Transportation and Drainage rotation list.

On November 21, 2024, City Council previously approved an Individual Project Order (IPO) supplemental agreement with WSB to initiate the design services for phase 1 of the Legends of Hutto Drainage Project.

As a reminder, WSB has been approved to complete design, bidding and construction administration for the First of Three Phases for the project to address citizen concerns within the Legends of Hutto subdivision. The particular scope of work for the project includes the civil engineering design, bidding and construction administration services related to drainage improvements within the Legends of Hutto subdivision. The design shall include the improvements described in Prioritization Area #2 in the July 2024 Feasibility Report.

The purpose of this item is to approve a resolution for construction to Liberty Civil Construction for the Legends of Hutto Drainage Phase 1 improvements.

The City utilized the competitive seal proposal method for selection of a general contractor, in accordance with Texas Local Government Code Chapter 2269, Subchapter D, Section 2269.151, which is a process requiring submission of written technical and price proposals from one or more offerors and a written evaluation of each proposal in accordance with evaluation criteria set forth in the solicitation. WSB recommends that a construction contract be awarded to Liberty Civil Construction, of Leander, TX, for the base bid amount of $3,176,861.80 as well as the alternative add bid of $235,235.00, totaling $3,412,096.80 for the entire Legends of Hutto Phase I Drainage Improvements Project.

Pre-Bid Meeting: November 6, 2025
Bid Opening: November 26, 2025

AGENDA ITEM REPORT
9.1.

Ten (10) bids were received, and ranked in relation to unit bid pricing.

Ranking of General Contractors
1.Afresh Vision Enterprise Base Bid: $1,749,493.44
2. Liberty Civil Construction Base Bid: $3,176,861.80
3. AO Services Base Bid: $3,239,228.00
4. Packsaddle Management, LLC Base Bid: $3,254,244.00
5. Austin Underground Base Bid: $3,279,370.00
6. Myers Concrete Construction, LP Base Bid: $3,972,751.10
7. Capital Excavation Base Bid: $4,140,996.30
8. WJC Constructors Base Bid: $4,209,528.48
9. Jerdon Enterprise, L.P. Base Bid: $6,150,691.50
10. Joe Bland Construction Base Bid: $8,094,675.00

Due to the estimate cost of this project, the project was solicited as a proposal-based project to allow the City and Council the ability to choose a contractor based on qualifications and the project plan along with the contractor’s pricing.

A review committee of WSB and City Staff reviewed all ten proposals and scored each based on the criteria listed in the Request for Proposals. The criteria was weighted between price, project approach, and contractor qualifications. Committee scores are attached.

Afresh Vision Enterprises, of Navasota, TX, submitted the lowest base bid price at $1,749,493.44. The second lowest bid price was submitted by Liberty Civil Construction at $3,176,861.80. WSB provided an engineer’s estimate of $3,887,000 for the project.

During the review, the committee deemed Afresh disqualified based on the following:

- No bid bond was submitted, which is required of all proposers.
- The following were not submitted: work plan, quality control plan, qualification statement, equipment list, staff information, conflict of interest form, 1295, project schedule, safety plan.
- Overall price was nearly half of the next low bidder.
- Pricing for most of the bid items was unusually low, raising concern that the contractor may have misunderstood the project requirements or did not include essential appurtenances in multiple bid items.

Based on the scores, the most qualified and highest scoring proposal was from Liberty Civil Construction. WSB compared anticipated unit prices with Liberty’s unit prices. Generally, many unit prices were similar or under WSB's estimate. WSB contacted three (3) references for Liberty, which indicated very positive current or previous working relationships as well as high quality work from this

contractor.

The City Staff concurs with the engineer's recommendation to award the contract for construction of the Legends of Hutto Drainage Channel project with the base bid amount of $3,176,861.80 as well as the alternative add bid of $235,235.00, totaling $3,412,096.80 for the entire Legends of Hutto Phase I Drainage Improvements Project.

The preconstruction meeting will be held on Thursday, January 15, 2026, which will be the date for construction start. The Notice To Proceed date will be issued for project contract time to start of January 15, 2026.

FISCAL NOTES:

Funds for this capital improvement project are available as follows:

Series 2024 CO (Fund 31)
Account Number: 31-040-060-6656
Account Name: D01 Legends of Hutto Drainage
Amount Available: $3,460,747
Requested Amount: $3,412,097 construction
Requested Amount: $48,650 materials testing (another item on this agenda)
Amount Remaining: $0

ATTACHMENTS:

1. Phase 1 map
2. RES_CST Contract_Liberty Civil_12.16.2025
3. 25055 Agreement Signed
4. Liberty Civic Construction Form 1295 Certificate 101469188_Redacted

Document Path: K:\024052-000\GIS\Maps\Figures_Hutto\Figures_Hutto\Phase 1 Date Saved: 11/18/2024

Legend

Priority Channels
- Channel D
- Channel E
- Channel F
- Drainage Channel 4

Priority Areas
- Detention Pond 1
- Phase 1
- Study Area

Phase 1 Boundary

Phase 1 Location

LEGENDS OF HUTTO
City of Hutto

0 350 Feet
1 inch = 350 feet

RESOLUTION NO. R-2026-_____

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, AWARDING A CONSTRUCTION CONTRACT FOR THE LEGENDS OF HUTTO DRAINAGE CHANNELS PROJECT TO COMPANY IN THE AMOUNT OF $3,412,096.80; AUTHORIZING THE CITY MANAGER TO EXECUTE THE AGREEMENT BETWEEN LIBERTY CIVIL CONSTRUCTION. AND THE CITY OF HUTTO; PROVIDING PROPER NOTICE AND MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Hutto ("City") received the statutory minimum number of required bids for the drainage channel improvements associated with the Legends of Hutto Drainage Channels Project; and

WHEREAS, WSB, LLC assisted the City staff in reviewing the bids and recommended awarding the contract to Liberty Civil Construction, the contractor who provided the best value to the city; and

WHEREAS, the City Council desires to award the contract for the construction of the Legends of Hutto Drainage Channels Project to Liberty Civil Construction; and

WHEREAS, the City Council desires to authorize the City Manager to execute the Construction agreement ("Agreement"), attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the Agreement, attached as Exhibit A, a copy of same being attached hereto and incorporated herein for all purposes.

SECTION 3: The Hutto City Council hereby approves and authorizes the City Manager or City Manager's designee to execute any subsequent Change Orders to the Agreement within the City Manager's authority.

SECTION 4: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 5. This Resolution shall take effect immediately upon its passage.

PASSED AND APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th day of January, 2026, on vote of ____ AYES; _____ NAYS; and _____ ABSTENTIONS.

(Remainder of page intentionally left blank.)

CITY OF HUTTO, TEXAS

_____
Mike Snyder, Mayor

ATTEST:

_____
Laura Hallmark, City Secretary

AGREEMENT
BETWEEN OWNER AND CONTRACTOR
FOR THE CONSTRUCTION CONTRACT (STIPULATED PRICE)

THIS AGREEMENT is by and between City of Hutto, Texas ("Owner") and Liberty Civil Construction ("Contractor").

Owner and Contractor hereby agree as follows:

ARTICLE 1 – WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

ARTICLE 2 – THE PROJECT

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: **LEGENDS OF HUTTO PHASE I DRAINAGE PROJECT**

ARTICLE 3 – ENGINEER

3.01 The Project has been designed by **WSB LLC.**

3.02 The Owner has retained **WSB LLC** ("Engineer") to act as Owner's representative, and to have the rights, responsibilities, duties, and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

4.01 *Time of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Days*

A. The Work will be substantially completed within the following number of days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within the following number of days after the date when the Contract Times commence to run.

Description	Substantial Completion	Final Completion
Entire Project	190 calendar days	221 calendar days

4.03 *Liquidated Damages*

A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with the Contract. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):

1. Substantial Completion: Contractor shall pay Owner $**750** for each day that expires after the time (as duly adjusted pursuant to the Contract) specified in Paragraph 4.02.A above for Substantial Completion until the Work is substantially complete.
2. Completion of Remaining Work: After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner $750 for each day that expires after such time until the Work is completed and ready for final payment.
3. Liquidated damages for failing to timely attain Substantial Completion and final completion are not additive and will not be imposed concurrently. However, if the achieved substantial completion date falls after the specified final completion date, liquidated damages as specified in Completion of Remaining Work will immediately begin accruing from the date of substantial completion until final completion is achieved.

4.04 *Special Damages*

A. In addition to the amount provided for liquidated damages, Contractor shall reimburse Owner (1) for any fines or penalties imposed on Owner as a direct result of the Contractor's failure to attain Substantial Completion according to the Contract Times, and (2) for the actual costs reasonably incurred by Owner for engineering, construction observation, inspection, and administrative services needed after the time specified in Paragraph 4.02 for Substantial Completion (as duly adjusted pursuant to the Contract), until the Work is substantially complete.

B. After Contractor achieves Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times, Contractor shall reimburse Owner for the actual costs reasonably incurred by Owner for engineering, construction observation, inspection, and administrative services needed after the time specified in Paragraph 4.02 for Work to be completed and ready for final payment (as duly adjusted pursuant to the Contract), until the Work is completed and ready for final payment. If the achieved substantial completion date falls after the specified final completion date, these costs will begin accruing immediately from the date of achieved substantial completion.

ARTICLE 5 – CONTRACT PRICE

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to paragraph 5.01.A:

A. For all Work a Lump Sum of:

Three Million, Four Hundred Twelve Thousand, Ninety-Six Dollars and Eighty Cents (in words) $ 3,412,096.80 (in figures)

All specific cash allowances, unit price work totals, and deductive bid alternatives are included in the above price in accordance with Article 13 of the General Conditions.

ARTICLE 6 – PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

A. Owner may elect to make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on or about the 15th day of each month during performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such

Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments are monies advanced for the purpose of assisting the Contractor to expedite the work of construction. The Owner holds the right to withhold any payment in accordance with Paragraph 15.01 of the General Conditions. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract

   a. 95 percent of Work completed (with the balance being retainage); and

   b. 95 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).

B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 95 percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less 125 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 *Final Payment*

A. Upon final completion and acceptance of the Work in accordance with Paragraph 15.06 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 15.06, minus any damages as described in Paragraphs 4.03 and 4.04.

ARTICLE 7 – INTEREST

7.01 Not applicable.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

8.01 In order to induce Owner to enter into this Contract, Contractor makes the following representations:

A. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.

B. Contractor has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, with respect to the effect of such information,

observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (3) Contractor's safety precautions and programs.

F. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.

H. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

J. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

K. The Contractor hereby represents and warrants to and for the benefit of the Owner that:

1. The Contractor has reviewed and understands the prevailing wage rate requirements and will provide any further verified information, certification or assurance of compliance as may be required by the Owner.

2. Notwithstanding any other provision of this Agreement, any failure to comply with this paragraph by the Contractor shall permit the Owner to recover as damages against the Contractor any loss, expense or cost (including without limitation attorney's fees) incurred by the Owner resulting from any such failure (including without limitation any impairment or loss of funding, whether in whole or in part, from the State or any damages owed to the State by the Owner). While the Contractor has no direct contractual privity with the State, as a lender to the Owner for the funding of its project, the Owner and the Contractor agree that the State is a third-party beneficiary and neither this paragraph (nor any other provision of this Agreement necessary to give this paragraph force or effect) shall be amended or waived without the prior written consent of the State.

ARTICLE 9 – CONTRACT DOCUMENTS

9.01 *Contents*

A. The Contract Documents consist of the following:

1. Executed Agreement
2. Addenda (if any)
3. Advertisement for Bids
4. Instructions to Bidders
5. Bid Form/Proposal
6. Statement of Bidders Qualifications
7. ~~**[List of Manufacturers]**~~
8. List of Proposed Subcontractors
9. General Conditions
10. Supplementary Conditions
11. **[Other Special Provisions]**

12. ~~[any other funding agency documentation required]~~
13. Technical Specifications as listed in the Table of Contents
14. Drawings
15. Performance Bond
16. Payment Bond
17. **[Maintenance Bond]**
18. Certificates of Insurance
19. Exhibits to this Agreement (enumerated as follows):
    a. Contractor's Bid
20. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
    a. Notice to Proceed.
    b. Work Change Directives.
    c. Change Orders.
    d. Field Orders.

B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 9.

D. The Contract Documents may only be amended, modified, or supplemented as provided in the General Conditions.

E. These Contract Documents, identified above, contain the complete and exclusive understanding of the parties with respect to their subject matter. There are no understandings, agreements, promises or representations, expressed or implied, not specified in this Agreement and this instrument contains the entire agreement between the parties. Parole evidence shall not be offered by the parties or admitted as evidence in any dispute involving the terms and provisions of this Agreement.

ARTICLE 10 – MISCELLANEOUS

10.01 *Terms*

A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

10.02 *Assignment of Contract*

A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03 *Successors and Assigns*

A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.04 *Severability*

A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

10.05 *Contractor's Certifications*

A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

10.06 *Certificate of Interested Parties*

A. For contracts that require City Council approval or that is for services that would require a person to register as a lobbyist under Chapter 305 of the Government Code, the City may not accept or enter into a contract until it has received from the Contractor a completed, signed Texas Ethics Commission (TEC) Form 1295 complete with a certificate number assigned by the (TEC), pursuant to Texas Government Code § 2252.908 and the rules promulgated thereunder by the TEC. The Contractor understands that failure to provide said form complete with a certificate number assigned by the TEC may prohibit the City from entering the Contract. Pursuant to the rules prescribed by the TEC, the TEC Form 1295 must be completed online through the TEC's website, assigned a certificate number, and provided to the City. The TEC Form 1295 may accompany the bid or may be submitted separately but must be provided to the City prior to the award of the contract. Neither the City nor its consultants have the ability to verify the information included in a TEC Form 1295, and neither have an obligation nor undertake responsibility for advising any potential Contractor with respect to the proper completion of the TEC Form 1295.

10.07 *Anti-Boycott Israel*

A. In accordance with Chapter 2270, Texas Government Code, the City may not enter a contract with a company, excluding a sole proprietorship, with 10 or more full-time employees for goods or services valued at $100,000 or more unless the contract contains a written verification from the company that it: (1) does not boycott Israel; and (2) will not boycott Israel during the term of the contract. The signatory executing the Contract on behalf of Contractor verifies that Contractor and its parent company, wholly owned subsidiaries, majority-owned subsidiaries and other affiliates, if any, do not boycott Israel and, to the extent the Contract is a contract for goods or services, will not boycott Israel during the term of the Contract. The foregoing verification is made solely to comply with Section 2270.002, Texas Government Code, and to the extent such Section does not contravene applicable Federal law. As used in the foregoing verification, "boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to

penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in Israeli-controlled territory, but does not include an action made for ordinary business purposes. The signatory understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the signatory and exists to make a profit. This section does not apply to a Contractor which is a sole proprietorship and/or which has less than 10 full-time employees. This section does not apply to a contract valued at less than $100,000.

10.08 *Iran, Sudan, and Foreign Terrorist Organizations*

A. The signatory executing the Contract on behalf of Contractor represents that neither Contractor nor any of its parent company, wholly owned subsidiaries, majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, and posted on any of the following pages of such officer's internet website:

https://comptroller.texas.gov/purchasing/docs/sudan-list.pdf,
https://comptroller.texas.gov/purchasing/docs/iran-list.pdf, or
https://comptroller.texas.gov/purchasing/docs/fto-list.pdf.

The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, and to the extent such Section does not contravene applicable Federal law and excludes the entity and each of its parent company, wholly-owned subsidiaries, majority-owned subsidiaries, and other affiliates, if any, that the United States government has affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. The signatory understands "affiliate" to mean any entity that controls, is controlled by, or is under common control with the signatory and exists to make a profit.

10.09 *Disclosure of Business Relationships/Affiliations; Conflicts of Interest Questionnaire*

A. Contractor represents that it is in compliance with the applicable filing and disclosure requirements of Chapter 176 of the Texas Local Government Code.

10.10 *Anti-Boycott of Energy Companies*

A. Contractor verifies that it does not boycott energy companies and will not boycott energy companies, as those terms are defined by Chapter 2274, Government Code, as enacted by S.B. 13, 87th Texas Legislature, regular session, during the term of this Contract. This provision excludes a company with 10 or more full-time employees and a Contract that has a value of $100,000 or more to be paid wholly or partly from the entity's public funds, as well as a sole proprietorship as a Contractor for purposes of this prohibition.

10.11 *Nondiscrimination Against Firearm and Ammunition Industries*

A. A. Contractor verifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of this Contract against a firearm entity or firearm trade association, as those terms are defined by Chapter 2274, Government Code, as enacted by SB 19, 87th Texas Legislature, regular session.

ARTICLE 11 – PUBLIC INFORMATION

The requirements of Subchapter J, Chapter 552, Government Code, may apply to this Contract and the Contractor agrees that the Contract can be terminated if the Contractor knowingly or intentionally fails to comply with a requirement of that subchapter.

ARTICLE 12 – INDEPENDENT CONTRACTOR

The execution of this Contract and the rendering of services prescribed by this Contract do not change the independent status of City or the Contractor. No provision of this Contract or act of City in performance of the Contract shall be construed as making the Contractor the agent, servant or employee of City, the state of Texas, or the United States government. Employees of the Contractor are subject to the exclusive control and supervision of the Contractor. The Contractor is solely responsible for employee-related disputes and discrepancies, including employee payrolls and any claims arising therefrom.

ARTICLE 13 – SUBCONTRACTS AND ASSIGNMENTS

Except as may be set forth in the special provisions, the Contractor agrees not to subcontract, assign, transfer, convey, sublet, or otherwise dispose of this Contract or any right, title, obligation, or interest it may have therein to any third party without the prior written approval of the City. The Contractor acknowledges that the City is not liable to any subcontractor or assignee of the Contractor. The Contractor shall ensure that the performance rendered under all subcontracts shall result in compliance with all the terms and provisions of this Contract as if the performance rendered was rendered by the Contractor. Contractor shall give all required notices and comply with all laws and regulations applicable to furnishing and performance of the work. Except where otherwise expressly required by applicable law or regulation, City shall not be responsible for monitoring Contractor's compliance, or that of Contractor's subcontractors, with any laws or regulations.

ARTICLE 14 – INVOICE PAYMENT PROVISIONS

Invoices must be sent MONTHLY to the following address to assure timely processing:

City of Hutto
Attn: CONSTRUCTION INSPECTOR
500 W Live Oak Street
Hutto, Texas 78634

ARTICLE 15 – COMPLIANCE WITH OTHER LAWS

This Contract shall be considered an executed certification that the Contractor will comply with all federal, state, and local laws, statutes, ordinances, rules, and regulations, (as amended during the Contracting period) and any orders and decrees of any court, administrative bodies or tribunals in any matter affecting the performance of the Contract, including without limitation, immigration laws, workers' compensation laws, minimum and maximum salary and wage statutes and regulations, and licensing laws and regulations.

ARTICLE 16 – CONFIDENTIALITY

Any provision in the Contract that attempts to prevent the City's disclosure of information that is subject to public disclosure under federal or Texas law is invalid. (Chapter 552,Texas Government Code).

ARTICLE 17 – CONTRACTUAL LIMITATIONS PERIOD

Any provision of the Contract that establishes a limitations period that does not run against the City by law or that is shorter than two years is void. (Sections 16.061 and 16.070, Texas Civil Practice and Remedies Code)

ARTICLE 18 – SOVEREIGN IMMUNITY

Any provision of the Contract that seeks to waive the City's immunity from suit and/or immunity from liability is void unless agreed to by specific acknowledgment of the provision within the Contract.

ARTICLE 19 – TITLES NOT RESTRICTIVE

The titles assigned to the various articles of this Contract are for convenience only. Titles shall not be considered restrictive of the subject matter of any article, or part of this Contract.

ARTICLE 20 – RIGHT TO TRIAL BY JURY

Any provision of the Contract that seeks to waive an aggrieved party's right to trial by jury is void unless agreed to by specific acknowledgment of the provision within the Contract.

ARTICLE 21 – NOTICES

Notifications shall be sent to the Contractor to the address and point of contact as follows:

Contact Michael Ehrhardt

Address 2937 Hero Way, Leander, Texas 78641

Phone 512-763-1161

Email mike@libertycivil.com

ARTICLE 22 – FORCE MAJEURE

It is expressly understood and agreed by both parties that, if the performance of any provision of a Contract resulting from this procurement is delayed by force majeure, defined as reason of war, civil commotion, act of God, governmental restriction, regulation or interference, fire, explosion, hurricane, flood, failure of transportation, court injunction, or any circumstances which are reasonably beyond the control of the party obligated or permitted under the terms of the Contract to do or perform the same, regardless of whether any such circumstance is similar to any of those enumerated herein, the party so obligated or permitted shall be excused from doing or performing the same during such period of delay, so that the period of time applicable to such requirement shall be extended for a period of time equal to the period of time such party was delayed. Each party must inform the other in writing within areasonable time of the existence of such force majeure.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

This Agreement will be effective on _____ (which is the Effective Date of the Contract).

OWNER:	CONTRACTOR:
City of Hutto, Texas	Liberty Civil Construction
By:	By:
Title:	Title: President
	(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)
Attest:	Attest:
Title:	Title: Contract Administrator
Address for giving notices:	Address for giving notices:
	2937 Hero Way
	Leander, TX 78641
	License No.: _____ *(where applicable)*

This document is a MODIFIED version of EJCDC® C-520, Agreement Between Owner and Contractor for Construction Contract (Stipulated Price). Copyright © 2013 National Society of Professional Engineers, American Council of Engineering Companies and is based in part on excerpts from EJCDC documents. Those portions of the text that originated in published EJCDC documents remain subject to copyright.

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1400269

Date Filed:
12/15/2025

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Liberty Civil Construction, LLC.
Leander, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
CSP 2026-040-PD-02
Legends of Hutto Phase 1 Drainage Project - Contract

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Haney, Heath	Leander, TX United States	X	
Ehrhardt, Michael	Leander, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is Michael Ehrhardt, and my date of birth is [redacted].

My address is 2937 Hero Way (street), Leander (city), TX (state), 78641 (zip code), USA (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Williamson County, State of Texas, on the 15 day of December (month), 2025 (year).

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1400269

Date Filed:
12/15/2025

Date Acknowledged:
01/02/2026

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Liberty Civil Construction, LLC.
Leander, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

CSP 2026-040-PD-02
Legends of Hutto Phase 1 Drainage Project - Contract

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Haney, Heath	Leander, TX United States	X	
Ehrhardt, Michael	Leander, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____County, State of _____, on the _____day of _____, 20_____.
(month) (year)

_____
Signature of authorized agent of contracting business entity
(Declarant)

AGENDA ITEM REPORT
9.2.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-002 authorizing the City Manager to execute a task order with Arias in the amount of $48,650 for construction materials testing related to the Legends of Hutto Drainage Channels (CIP D-01). (Matt Rector)
Meeting:	Thursday, January 8, 2026
Department:	Engineering /
Staff Contact:	Matt Rector

ITEM SUMMARY:

On November 7, 2024, City Council approved the Renewal Master Services Agreement with WSB for the Transportation and Drainage rotation list.

On November 21, 2024, City Council previously approved an Individual Project Order (IPO) supplemental agreement with WSB to initiate the design services for phase 1 of the Legends of Hutto Drainage Project.

As a reminder, WSB has been approved to complete design, bidding and construction administration for the First of Three Phases for the project to address citizen concerns within the Legends of Hutto subdivision. The particular scope of work for the project includes the civil engineering design, bidding and construction administration services related to drainage improvements within the Legends of Hutto subdivision. The design shall include the improvements described in Prioritization Area #2 in the July 2024 Feasibility Report.

The purpose of this item is to approve a resolution for Materials Testing to Arias for the Legends of Hutto Drainage Phase 1 improvements.

FISCAL NOTES:

Funds for this capital improvement project are available as follows:

Series 2024 CO (Fund 31)
Account Number: 31-040-060-6656
Account Name: D01 Legends of Hutto Drainage
Amount Available: $3,460,747
Requested Amount: $3,412,097 construction (another item on this agenda)
Requested Amount: $48,650 materials testing
Amount Remaining: $0

AGENDA ITEM REPORT
9.2.

ATTACHMENTS:

1. 2025.12.4_Resolutions_R-2025_IPO_legends_arias_MT
2. 2025-752 PSA_Legend of Hutto Drainage Improvements - Phase 1
3. P2025-752-Patricia
4. Phase 1 map
5. Arias Form 1295 Certificate 101463322_Redacted

RESOLUTION NO. R-2025-XXX

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, AUTHORIZING AN INDIVIDUAL PROJECT ORDER BETWEEN ARIAS & ASSOCIATES, INC. AND THE CITY OF HUTTO IN THE AMOUNT OF $48,650.00 FOR PROFESSIONAL CONSULTING SERVICES FOR THE LEGENDS OF HUTTO DRAINAGE CHANNELS PROJECT: AUTHORIZING THE CITY MANAGER TO EXECUTE INDIVIDUAL PROJECT ORDER; PROVIDING PROPER NOTICE & MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council desires to approve the Individual Project Order (IPO) attached as Exhibit A and incorporated herein by reference, in the amount of $48,650.00, in accordance with the provisions of the Master Services Agreement for Professional Consulting Services executed between the City of Hutto and Arias; and

WHEREAS, the IPO provides for materials testing services for the Legends of Hutto Drainage Channels Project; and

WHEREAS, the City Council desires to authorize the City Manager to execute the IPO, attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the Individual Project Order, attached as Exhibit A, a copy of same being attached hereto and incorporated herein for all purposes.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas

Government Code, as amended.

SECTION 4: This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 18th day of December 2025 on a vote of __AYES; ___NAYS; __ABSTENTIONS.

(Remainder of page intentionally left blank.)

CITY OF HUTTO, TEXAS:

_____

Mike Snyder, Mayor

ATTEST:

_____

Laura Hallmark, City Secretary

PROFESSIONAL SERVICES AGREEMENT

STATE OF TEXAS

COUNTY OF WILLIAMSON

CITY OF HUTTO

INDIVIDUAL PROJECT ORDER FOR THE MATERIAL

TESTING SERVICES OF Legends of Hutto Drainage

Improvements – Phase 1 PROJECT

This Agreement is made and entered into in Hutto, Williamson County, Texas, between City of Hutto, a Municipal Corporation in the State of Texas (hereafter referred to as "City") and

Arias & Associates, Inc.

13581 Pond Springs Road, Suite 210

Austin, Texas 78729

(hereafter referred to as "Consultant"), said Agreement being executed by City pursuant to City Charter, Ordinances and Resolutions of the Hutto City Council, and by Consultant for **CIVIL ENGINEERING MATERIALS TESTING SERVICES** set forth herein in connection with the above designated Project for City.

ARTICLE I DEFINITIONS;
INTERPRETIVE

As used in this Agreement, the following terms shall have meanings as set out below:

1.1 “Application for Compensation” means written form for a request from Consultant to be paid for completed work.

1.2 "City" means City of Hutto, Texas.

1.3 “Compensation” means amounts paid for services under this Agreement.

1.4 "Consultant" means Arias & Associates, Inc. and its officers, partners, employees, agents and representatives, and all Sub-Consultants, if any, as well as all other persons or entities for which Consultant legally is responsible.

1.5 "Director" means the Hutto City Manager or his/her designee.

1.6 "Owner Designated Representative (ODR)” means person designated by City to act for City.

1.7 "Plans and Specifications" means the construction documents.

1.8 "Project" means the specific Engineering Services work for which services are negotiated and executed by both Parties.

1.9 "Proposal" means Consultant's Proposal to provide services for this Project.

1.10 “Proposed Task Order Request” means a request to Consultant to submit a Proposal for a specific Project as further defined herein.

1.11 “AMSA” means the Austin Metropolitan Service Area or Relevant Marketplace, which collectively is comprised of Travis County and the five (5) surrounding counties of Burnet, Williamson, Bastrop, Caldwell, and Hays.

ARTICLE II
COMPENSATION

2.1 The Compensation for all services included in this Agreement and in the Scope of Services for this Agreement shall not exceed $48,650.00 **DOLLARS.** The amount to be paid to Consultant, including authorized adjustments, is the total amount payable by City to Consultant for performance of the Services under this Agreement. It is agreed and understood that such amount will constitute full compensation to Consultant for Services included in the Scope of Services and shall meet all applicable requirements of City's Design Guidelines. All City compensation obligations to Consultant are subject to appropriation of funds by City Council.

2.2 **Reimbursable Expenses**. City's non-allowable reimbursement list. Only when and only to the extent that any such may be authorized by City in writing, the Consultant shall be entitled to reimbursement at actual incurred cost for services and related expenses for the following items, and for no other expenses:

2.2.1 Travel outside AMSA only if approved in writing by City prior to such travel. Reimbursement for travel costs will be limited to costs directly associated with Consultant's performance of Service under the Agreement. Travel costs are limited to the applicable mileage and per diem rates set annually by the Federal Government's General Services Administration. Consultant shall provide detailed receipts for all reimbursable charges. Travel expenses, if any, shall be negotiated with each Task Order issued. City does not pay for Consultant's travel within AMSA.

2.2.2 Mailing, courier services and copies of documents requested by City in writing in excess of the copies to be provided under Article IV of this Agreement. These costs, if any, shall not exceed the amount noted in Article IV herein, without further prior written approval of City. Consultant shall bear these costs. Except to the extent so approved.

2.2.3 Preparation, production, reproduction, and transmittal (except as provided in paragraph 2.2.2) of graphics, physical models, presentation boards requested by City in writing in excess of the hard copies to be provided under Article IV of this Agreement. These costs shall not exceed the amount noted in Article IV herein without prior written approval of City. Consultant shall bear these costs unless agreed to, except to the extent so approved.

2.2.4 City does not allow a markup on any of the above reimbursable items and only will reimburse approved hard costs incurred.

2.2.5 As an exception to the method for notice provided in Article XXIV, writings described in paragraph 2.2 may be transmitted via electronic mail to the parties' respective email addresses to be designated in an applicable Task Order.

2.2.6 Such other reimbursable services and/or expenses as may be expressly provided as being reimbursable in Individual Task Orders but only for the specific Project authorized by any such Task Order. Any such authorization shall not establish precedent, course of dealing, or other implied authorization for reimbursable items for any other Project.

Sub-Consultant Work. City will not pay a markup to Consultant for Sub-Consultant work.

ARTICLE III METHOD OF PAYMENT

3.1 Payments to Consultant shall be in the amount shown on the invoices and its supporting documentation submitted for work, including any materials, services and expenses, satisfactory to the City, and shall be subject to City's approval. All services shall be performed in accordance with the professional standard of care set forth in **Section 20.1** herein and to City's satisfaction, which satisfaction shall be judged by the Director in his/her sole discretion, and City shall not be liable for any payment under this Agreement for services which are unsatisfactory and which previously have not been approved by the Director. The final payment due hereunder will not be paid until all reports, data and documents have been submitted, received, accepted and approved by City.

3.1.1 Payment may be made based solely on the units of services completed and approved by City and the associated unit price for such service, as may be described in Compensation for Additional Professional Services (attached hereto, incorporated by reference herein and labeled as "**Exhibit 1"**).

3.1.2 Monthly payments for services performed in the various additional services will be reviewed by Director upon Consultant entering itemized invoices, with all required back-up, within the Portal. The invoice shall indicate the value of the additional services performed to date.

3.2 Consultant shall, within ten (10) days following receipt of Compensation from City, pay all bills for services performed and furnished by Sub-Consultants, in connection with the Project and the performance of the work, and shall provide City with evidence of such payment. Consultant's failure to make payments within such time shall constitute a material breach of this Agreement, unless Consultant is able to demonstrate to City bona fide disputes associated with the unpaid Sub-Consultant and its services. Consultant shall include a provision in each of its sub-agreements imposing the same payment obligations on the Sub-Consultants as are applicable to Consultant hereunder, and shall require Sub-Consultants to provide confirmation to City of receipt of payments. If Consultant has failed to make payment promptly to the Sub- Consultant for the Services for which City has made payment to Consultant, City shall be entitled to withhold payment to Consultant to the extent necessary to protect City except in the event of a valid dispute between Consultant and that Sub-Consultant.

3.3 Consultant warrants that title to all Services covered by an Application for Payment will pass to City no later than the time of payment. Consultant further warrants that, upon submittal of an Application for Compensation, all Services for which Applications for Compensation have been previously issued and payments received from City shall, to the best of Consultant's knowledge, information and belief, be free and clear of liens, claims, security interests or encumbrance in favor of Consultant or other persons or entities making a claim by reason of having provided labor or services relating to this Agreement. Consultant may submit a request for Partial Compensation prior to the completion of services. A request for Partial Compensation must be accompanied by a progress report detailing the Services performed. Any partial payment made shall be in proportion to the Services performed, as reflected in the progress report and approved by the Director and at City's sole discretion. Compensation also may be made based solely on the tasks and services completed and approved by City and the associated unit price for each Service/Project, as may be described in fee schedule and/or hourly rates included in "**Exhibit 1"** hereto.

3.4 Project Close Out and Final Payment:

3.4.1 Final billing shall indicate "Final Bill - no additional compensation is due to Consultant".

3.4.2 City may withhold compensation to such extent as may be necessary, in City's opinion, to protect City from damage or loss for which Consultant is responsible, because of:

3.4.2.1 delays in the performance of Consultant's work;

3.4.2.2 third-party claims filed or reasonable evidence indicating probable filing of such claims, unless security acceptable to City is provided by Consultant;

3.4.2.3 failure of Consultant to make payments properly to Sub-Consultants or vendors for labor, materials or equipment;

3.4.2.4 reasonable evidence that Consultant's work cannot be completed for the amount unpaid under this Agreement;

3.4.2.5 damage to City; or

3.4.2.6 persistent failure by Consultant to carry out the performance of its services in accordance with this Agreement.

3.4.3 When the above reasons for withholding are removed or remedied by Consultant, compensation of the amount withheld will be made within a reasonable time. City shall not be deemed in default by reason of withholding compensation as provided for in this **Article III**.

3.4.3.1 In the event of any dispute(s) between the parties, regarding the amount properly compensable for any Phase or as final compensation, or regarding any amount that may be withheld by City, Consultant shall be required to make a claim pursuant to and in accordance with the terms of this Agreement and follow the procedures provided herein for the resolution of such dispute. In the event Consultant does not initiate and follow the claims procedures provided in this Agreement in a timely manner and as required by the terms thereof, any such claim shall be waived.

3.4.3.2 City shall make final compensation of all sums due Consultant not more than thirty (30) days after Consultant's execution and delivery of a final Pay Application.

3.4.3.3 Request of final compensation by Consultant shall constitute a waiver of claims except those previously made in writing and identified by Consultant as unsettled at the time of final application for compensation.

3.4.3.4 Consultant agrees to maintain adequate books, payrolls and records satisfactory to City in connection with any and all Services performed hereunder. Consultant agrees to retain all such books, payrolls and records (including data stored in computer) for a period of not less than four (4) years after completion of Services. At all reasonable times, City and its duly authorized representatives shall have access to all personnel of Consultant and all such books, payrolls and records, and shall have the right to audit same.

ARTICLE IV
SCOPE OF SERVICES
[SUBJECT TO REVISION AS APPLICABLE]

4.1 Consultant agrees and acknowledged that City is entering into this Agreement in reliance on Consultant's represented expertise and special and unique abilities to provide the Services. Consultant accepts the relationship of trust and confidence established between it and City by this Agreement and covenants to use Consultant's best professional effort, skill, judgment, and abilities in performing the Services, and to further the interests of City in accordance with the usual and customary standards of care, skill and diligence of Consultant's profession, consistent with good professional design practices for firms that provide professional design services for projects that are similar in size, scope, budget to the Project, and in compliance with all Applicable Law. Consultant shall be solely responsible for the full cost of correcting any non-conforming Services, including any rendered by any others who have acted in reliance thereon.

4.2 Consultant shall provide Professional Services and include in its Scope of Services all associated services required such that the Project can be built, with any alternates, within the Project Construction Budget at or under the Construction Cost Limitation. By executing this Agreement, Consultant acknowledges receipt and comprehension of the Construction Cost Limitation. Consultant shall allocate adequate time, personnel and resources as necessary to perform the Services. Consultant shall perform the Services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Project and in accordance with the standards set forth in Section 4.1.

4.3 Consultant shall comply with the standards of City's Design Guidance Manual throughout the duration of the subject Project and this Agreement, unless specifically and explicitly excluded from doing so in the approved Scope of Services attached hereto, incorporated by reference herein and labeled as "**Exhibit 3"** and as described in this **Article IV**.

4.4 Consultant shall adhere to the requirements of the design phases described in City's design

Guidance Manual, to include performing the tasks and submitting deliverables as described therein, unless specifically and explicitly excluded in the approved Scope of Service in **"Exhibit 3"** hereto and as described in this **Article IV.**

4.5 Consultant acknowledges and accepts its responsibilities as defined and described in City's General Conditions, attached hereto, incorporated by reference herein and labeled as "**Exhibit 4"**.

4.6 Consultant shall provide all labor, equipment and transportation necessary to complete all services agreed to hereunder in a timely manner throughout the term of the Contract. Additionally, Consultant shall provide staff for regular, overtime, night, weekend and holiday service, as requested by City. Persons retained by Consultant to perform work pursuant to this Agreement shall be employees or subcontractors of Consultant.

4.7 Consultant shall not commence service on any Task Order authorized under this Agreement until being thoroughly briefed on the scope of the project and being notified in writing to proceed. Should the scope subsequently change, either Consultant or City may request a review of the anticipated services, with an appropriate adjustment in compensation.

4.8 Consultant, in consideration for the compensation herein described, shall render the professional services described in this **Section IV** necessary for the advancement of the Project through Substantial Completion to Final Completion.

4.9 Consultant shall perform its obligations under this Agreement in accordance with the Scope of Services outlined herein and in accordance with the Compensation for Additional Professional Services, attached and incorporated herein and labeled as **"Exhibit 3"**. The Scope of Services fully shall be described in Consultant's Proposal, as revised in accordance with negotiations with and approval by City for each authorized service task and as provided in this Agreement.

4.10 Compensation for Additional Professional Services, which includes pre-priced tasks and/or hourly rates, is described in **"Exhibit 1"** hereto.

ARTICLE V
TIME AND PERIOD OF SERVICE

5.1 The term of this Agreement shall commence upon its approval by the HuttoCity Council and its execution by both parties.

5.2 Time is of the essence for this Agreement. Consultant shall perform and complete its obligations for the services under **Article IV** herein in a prompt and continuous manner, so as to not delay the development of services and so as to not delay the construction of the work for the Project, in accordance with the schedules approved by City. City will perform its obligations of review and approval in a prompt and continuous manner so as to not delay the project.

5.3 Consultant shall not be liable or responsible for any delays due to strikes, riots, acts of God, national emergency, acts of the public enemy, governmental restrictions, laws or regulations, or any other causes beyond Consultant's reasonable control. Within twenty-one (21) days from the occurrence of any event, for which time for performance by Consultant shall be significantly

extended under this provision, Consultant shall give written notice thereof to City stating the reason for such extension and the actual or estimated time thereof. If City determines that Consultant is responsible for the need for extended time, City shall have the right to make a Claim as provided in this Agreement.

5.4 This Agreement shall remain in force for a period which may reasonably be required for the design, award of the contract and the completion of the Project, including any extra work and any required extensions thereto, unless terminated, as provided for elsewhere in this Agreement.

ARTICLE VI
(RESERVED)

ARTICLE VII
COORDINATION WITH CITY

7.1 Consultant shall hold periodic conferences with City through the end of the Project. The Project shall have the full benefit of City's experience and knowledge of existing needs and facilities and be consistent with City's current policies and standards. To assist Consultant in this coordination, City shall make available, for Consultant's use in planning and designing the Project, all existing plans, maps, statistics, computations and other data in City's possession, relative to existing facilities and to this particular Project, at no cost to Consultant. However, any and all such information shall remain the property of City and shall be returned by Consultant to City upon termination or the completion of the Project or if instructed to do so by the Director.

7.2 The Director or his/her representative shall act on behalf of City, with respect to the services to be performed under this Agreement. The Director shall have complete authority to transmit instructions, receive information and interpret and define City's policies and decisions, with respect to materials, equipment, elements and systems pertinent to Consultant's services.

7.3 City promptly will give written notice to Consultant whenever City observes, discovers or otherwise becomes aware of any defect in Consultant's services, or any development that affects the scope or timing of Consultant's services.

7.4 Unless otherwise required by City, City shall furnish approvals and permits from all governmental authorities having jurisdiction over the Project and other such approvals and consents from others, as may be necessary, for the completion of the Project. Consultant will provide City reasonable assistance in connection with such approvals and permits, such as the furnishing of data compiled by Consultant pursuant to other provisions of the Agreement, but Consultant shall not be obligated to develop additional data, prepare extensive reports or appear at hearings or the like unless compensated therefore under other provisions of this Agreement.

ARTICLE VIII
REVISIONS TO DOCUMENTS

Consultant shall make, without expense to City, such revisions to the drawings, reports or other documents, as may be required to meet the needs of City and which are within its Scope of Services. After the approval of reports or other documents by City, any revisions, additions or other modifications made at City's request, which involve extra services and expenses incurred by Consultant, only shall be requested through an additional Amendment and Task Order for services.

ARTICLE IX
OWNERSHIP OF DOCUMENTS

9.1 All documents, including the original drawings, estimates, specifications and all other documents and data, previously owned by Consultant, shall remain the property of Consultant as instruments of service. However, it is to be understood that City shall have free access to all such information and hold the right to make and retain copies of drawings, estimates, specifications and all other documents and data. Any reuse, without specific written verification or adaptation by Consultant, will be at City's sole risk and without liability or legal exposure to Consultant.

9.2 Consultant acknowledges and agrees that upon payment City exclusively shall own any and all information in whatsoever form and character produced and/or maintained in accordance with, pursuant to or as a result of this Agreement and said information shall be used as City desires. Any and all documents, including the original drawings, estimates, specifications and all other documents and data, shall be delivered to City at no additional cost to City, upon request, termination or completion of this Agreement without restriction on future use.

9.3 Consultant agrees and covenants to protect any and all proprietary rights of City in any materials provided to Consultant. Such protection of proprietary rights by Consultant shall include, but not be limited to, the inclusion in any copy intended for publication of copyright mark reserving all rights to City. Additionally, any materials provided to Consultant by City shall not be released to any third party without the consent of City and shall be returned intact to City upon termination or completion of this Agreement or if instructed to do so by the Director.

9.4 Consultant hereby assigns all statutory and common law copyrights to any copyrightable work that, in part or in whole, was produced from this Agreement is the property of City, including all equitable rights. No reports, maps, documents or other copyrightable works, produced in whole or in part by this Agreement, shall be subject of an application for copyright by Consultant. All reports, maps, project logos, drawings or other copyrightable work produced under this Agreement shall become the property of City (excluding any instrument of services, unless otherwise specified herein). Consultant shall, at its own expense, defend all suits or proceedings instituted against City and pay any award of damages or loss resulting from an injunction against City, insofar as the same are based on any claim that materials or work provided under this Agreement constitute an infringement of any patent, trade secret, trademark, copyright or other intellectual property rights.

9.5 Consultant may make copies of any and all documents and items for its files. Consultant shall have no liability for changes made to or use of the drawings, specifications and other documents by other engineers or other persons, subsequent to the completion of the Project. City requires that Consultant appropriately mark all changes or modifications on all drawings, specifications and other documents by other Engineers or other persons, including electronic copies, subsequent to the Final Completion of the Project. Following Final Completion of the Project, if City requests Consultant perform additional scope beyond that listed in "**Exhibit 3"** hereto, City will appropriately compensated for such work performed by Consultant.

9.6 Copies of documents, which may be relied upon by City, are limited to the printed copies (also known as hard copies) and PDF electronic versions that are sealed and signed by Consultant. Files in editable electronic media format of text, data, graphics or other types, (such as DWG or DGN) that are furnished by Consultant to City or utility only are for convenience of City or utility. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk.

9.7 Notwithstanding anything to the contrary contained herein, all previously owned intellectual property of Consultant, including but not limited to, any computer software (object code and source code), tools, systems, equipment or other information used by Consultant or its suppliers in the course of delivering the Services hereunder, and any know-how, methodologies or processes used by Consultant, to provide the services or protect deliverables to City, including without limitation, all copyrights, trademarks, patents, trade secrets and any other proprietary rights inherent therein and appurtenant thereto, shall remain the sole and exclusive property of Consultant or its suppliers.

ARTICLE X
TERMINATION AND/OR SUSPENSION OF SERVICES

10.1 Right of Either Party to Terminate for Default

10.1.1 This Agreement may be terminated by either party for substantial failure by the other party to perform, through no fault of the terminating party, in accordance with the terms of this Agreement and a failure to cure as provided in this **Article X**.

10.1.2 The party not in default must issue a written and signed Notice of Termination, citing this **Paragraph 10.1.2**, to the other party declaring the other party to be in default and stating the reason(s) why it is in default. Upon receipt of such written Notice of Default, the party in receipt shall have a period of ten (10) calendar days to cure any failure to perform under this Agreement. Upon the completion of said ten-day period, commencing upon receipt of Notice of Termination, if such party has not cured any failure to perform, such termination shall become effective without further written notice.

10.2 **Right of City to Terminate**. City reserves the right to terminate this Agreement, for reasons other than substantial failure by Consultant to perform, by issuing a signed Notice of Termination, citing this **Paragraph 10.2**, which shall take effect on the twentieth (20^{th}) calendar day following receipt of said notice and upon the scheduled completion date of the performance phase in which Consultant then currently is working, whichever effective termination date occurs first.

10.3 Right of City to Suspend Giving Rise to Right of Consultant to Terminate

10.3.1 City reserves the right to suspend this Agreement at the end of any phase for the convenience of City by issuing a written and signed Notice of Suspension, citing this **Paragraph 10.3.1**, which shall outline the reasons for the suspension and the expected duration of the suspension, but such expected duration shall, in no way, guarantee what the total number of days of suspension will occur. Such suspension shall take effect immediately upon receipt of said Notice of Suspension by the Consultant.

10.3.2 Consultant hereby is given the right to terminate this Agreement in the event such suspension extends for a period in excess of one hundred twenty (120) calendar days. Consultant may exercise this right to terminate by issuing a signed, written Notice of Termination, citing this **Paragraph 10.3.2**, to City after the expiration of one hundred twenty (120) calendar days from the effective date of the suspension. Termination, pursuant to this **Paragraph 10.3.2**, shall become effective immediately upon receipt of said written notice by City.

10.4 Procedures Consultant to follow upon Receipt of Notice of Termination

10.4.1 Upon receipt of a Notice of Termination and prior to the effective date of termination, unless the notice otherwise directs or Consultant immediately takes action to cure a failure to perform under the cure period set out hereinabove, Consultant immediately shall begin the phase-out and the discontinuance of all services, in connection with the performance of this Agreement, and shall proceed promptly to cancel all existing orders and contracts insofar as such orders and contracts are chargeable to this Agreement. Within thirty (30) calendar days after receipt of such Notice of Termination, unless Consultant successfully has cured a failure to perform, Consultant shall submit a statement showing in detail the services performed under this Agreement prior to the effective date of termination. City retains the option to grant an extension to the time period for submittal of such statement.

10.4.2 Copies of all completed or partially completed specifications and all reproductions of all completed or partially completed designs, plans and exhibits prepared under this Agreement, prior to the effective date of termination, shall be delivered to City, in the form requested by City, as a pre-condition to final payment. These documents shall be subject to the restrictions and conditions set forth in **Article IX** herein.

10.4.3 Upon the above conditions being met, absent any reason why City may be compelled to withhold fees, City promptly shall pay Consultant that proportion of the prescribed fee which the services actually performed under this Agreement bear to the total services called for under this Agreement, less any previous payments of the fee.

10.4.4 City, as a public entity, has a duty to document the expenditure of public funds. Consultant acknowledges this duty imposed upon City. Consultant further acknowledges that the failure of Consultant to comply with the submittal of the statement and documents, as required above, shall constitute a waiver by Consultant of any and all rights or claims to payment for services performed under this Agreement by Consultant.

10.4.5 Failure of Consultant to comply with the submittal of the statement and documents, as required above, shall constitute a waiver by Consultant of any and all rights or claims to collect monies that Consultant otherwise may be entitled to for services performed under this Agreement.

10.5 Procedures Consultant to Follow upon Receipt of Notice of Suspension

10.5.1 Upon receipt of written Notice of Suspension, which date also shall be the effective date of the suspension, Consultant shall, unless the Notice otherwise directs, immediately begin to phase-out and discontinue all services in connection with the performance of this Agreement and promptly shall proceed to suspend all existing orders and contracts, insofar as such orders and contracts are chargeable to this Agreement.

10.5.2 Consultant shall prepare a statement showing, in detail, the services performed under this Agreement prior to the effective date of suspension.

10.5.3 Copies of all completed or partially completed designs, plans and specifications, prepared under this Agreement prior to the effective date of suspension, shall be prepared for possible delivery to City but shall be retained by Consultant until such time as Consultant may exercise the right to terminate.

10.5.4 In the event that Consultant exercises the right to terminate one hundred twenty (120) calendar days after the effective suspension date, within thirty (30) calendar days after receipt by City of Consultant's Notice of Termination, Consultant promptly shall cancel all existing orders and contracts, insofar as such orders and contracts are chargeable to this Agreement, and shall submit the above referenced statement showing, in detail, the services performed under this Agreement prior to the effective date of suspension.

10.5.5 Any documents prepared in association with this Agreement shall be delivered to City as a pre-condition to final payment.

10.5.6 Upon the above conditions being met, absent any reason why City may be compelled to withhold fees, City promptly shall pay Consultant that proportion of the prescribed fee which the services actually performed under this Agreement bear to the total services called for under this Agreement, less any previous payments of the fee.

10.5.7 City, as a public entity, has a duty to document the expenditure of public funds.

10.5.8 Consultant acknowledges this duty imposed upon City. Consultant further acknowledges that the failure of Consultant substantially to comply with the submittal of the statements and documents, as required herein, shall constitute a waiver by Consultant of any portion of the fee for which Consultant did not supply such necessary statements and/or documents.

ARTICLE XI
CONSULTANT'S WARRANTY

Consultant warrants that the services required under this Agreement will be performed with the same degree of professional skill and care that typically are exercised by similar consulting professionals performing similar services in Williamson County, Texas. Consultant further warrants that it has not employed or retained any company or person other than a bona fide employee, working solely for Consultant, to solicit or secure this Agreement, and that it has not, for the purpose of soliciting or securing this Agreement, paid or agreed to pay any company or person a commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach of this warranty, City shall have the right to terminate this Agreement under the provisions of **Article X** herein.

ARTICLE XIII
ASSIGNMENT OR TRANSFER OF INTEREST

Consultant shall not assign or transfer Consultant's interest in this Agreement without the written consent of City.

ARTICLE XIV
INSURANCE REQUIREMENTS

14.1 Prior to the commencement of any work under this Agreement, Consultant shall furnish copies of all required endorsements and completed Certificate(s) of Insurance to the City Manager. The Certificate(s) shall be completed and signed by an agent authorized by that insurer to bind coverage on its behalf. City will not accept a Memorandum of Insurance or Binder as proof of insurance. The certificate(s) must have the agent's signature and phone number and be mailed, with copies of all applicable endorsements, directly from the insurer's authorized representative to City. City shall have no duty to pay or perform under this Agreement until such certificate and endorsements have been received and approved by City.

14.2 City reserves the right to review the insurance requirements of this **Article XIV** during the effective period of this Agreement and any extension or renewal hereof and to request the modification of insurance coverage and limits when deemed necessary and prudent by City's Risk Manager, based upon changes in statutory law, court decisions or circumstances surrounding this Agreement. In no instance will City allow modification whereby City may incur increased risk.

14.3 Consultant's financial integrity is of interest to City; therefore, subject to Consultant's obligation to maintain reasonable deductibles in such amounts as are approved by Consultant's insurance companies, Consultant shall obtain and maintain in full force and effect for the duration of this Agreement and any extension hereof at Consultant's sole expense, insurance coverage written on an occurrence basis, unless otherwise indicated, by companies authorized to do business in the State of Texas and with an A.M Best's rating of no less than A- (VII) except for Professional Liability coverage which may be A-V, in the following types and for an amount not less than the amount listed below. These listed insurance limits are standard limits for all City projects. If a project does not justify these standard limits of insurance coverages, Consultant may request a review of the City's insurance requirements, to be considered on a project-by-project basis:

TYPE	AMOUNTS
1. Workers Compensation	Statutory
2. Employer's Liability	$1,000,000
3. Commercial General Liability Insurance to include coverage for the following: a. Premises/Operation b. Independent Contractors c. Products/Completed Operations d. Personal Injury e. Contractual Liability f. Environmental Impairment/Impact – sufficiently broad to cover disposal liability g. Explosion, Collapse, Underground h. Damage to property rented by you	For Bodily and Property Damage of $1,000,000 per occurrence; $1,000,000 General Aggregate, or its equivalent in Umbrella or Excess Liability Coverage h. $100,000
4. Business Automobile Liability a. Owned/Leased vehicles b. Non-owned vehicles c. Hired vehicles	Combined Single Limit for Bodily Injury and Property Damage of $1,000,000 per occurrence
5. Professional Liability (Claims-made basis) To be maintained and in effect for no less than two years subsequent to the completion of the professional service.	$1,000,000 per claim, to pay on behalf of the insured all sums which the insured shall become legally obligated to pay as damages to the extent caused by any negligent act, terror, or omission in performance of professional services.

City may request, and without expense to City, to inspect copies of Consultant's policies and endorsements as they apply to the limits and forms required by City.

14.4 Consultant agrees to require, by written contract, that all Sub-Consultants and/or Subcontractors providing goods or services hereunder obtain the same insurance coverage required of Consultant herein, and provide a certificate of insurance and endorsement that names Consultant and City as additional insureds. Consultant shall provide City with said certificate and endorsement prior to the commencement of any work by any Sub-Consultant and/or Subcontractor. This provision may be modified by City's Risk Manager, without subsequent City Council approval, when deemed necessary and prudent, based upon changes in statutory law, court decisions or circumstances surrounding this Agreement. Such modification may be enacted by letter signed by City's Risk Manager, which shall become a part of the contract for all purposes.

14.5 If City requests a copy/copies of an insurance policy, Consultant prominently shall comply and Consultant shall mark those portions of the policy, if any, Consultant regards as confidential. In the event a third party makes an Open Records Request under the Texas Open Records ActAct or other public information law asking to view or copy Consultant's policy, City shall submit the received request, along with Consultant's information to the Texas Attorney General (hereafter referred to as "AG") for an opinion regarding the release of Consultant's policy information. Consultant and City agree that City will be bound by the AG opinion/decision. Similarly, Consultant agrees and accepts City will provide all Consultant information pursuant to a court order or a litigation discovery rule requiring or directing City To disclose any of Consultant's information.

14.6 Consultant agrees, with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following provisions, to the extent permitted by policy provisions, to the extent permitted by policy provisions, terms and conditions:

- Name City, its officers, officials, employees, volunteers, and elected representatives as additional insureds by endorsement or within policy provisions, terms or conditions, with respect to operations and activities of, or on behalf of, the named insured performed under contract with City, with the exception of the workers' compensation and professional liability policies;

- Provide for an endorsement that the "other insurance" clause shall not apply to the City of Hutto where City is an additional insured shown on the policy, as allowed by respective policy provisions, terms and conditions;

- Workers' compensation, employers' liability, general liability and automobile liability policies will provide a waiver of subrogation in favor of City; and

- Where allowed by respective policy provisions, terms and conditions, provide thirty (30) calendar days advance written notice to City of any cancellation or non-renewal or material change in coverage, any change in policy limits by endorsement and not less than ten (10) calendar days advance notice for nonpayment of premium.

14.8 Within ten (10) calendar days of notice to Consultant of a cancellation or non-renewal of coverage, Consultant shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to suspend Consultant's performance, should there be a lapse in coverage at any time during this contract. Failure to provide and to maintain the required insurance shall constitute a material breach of this Agreement.

14.9 In addition to any other remedies City may have upon Consultant's failure to provide and maintain any insurance or policy endorsements, to the extent and within the time herein required, City shall have the right to order Consultant to stop work hereunder until Consultant demonstrates compliance with the requirements hereof.

14.10 Nothing herein contained shall be construed as limiting in any way the extent to which Consultant may be held responsible for payments of damages to persons or property resulting from Consultant's or its Sub-Consultants' and/or Subcontractors' performance of the work covered under this Agreement.

14.11 It is agreed that Consultant's insurance shall be deemed primary and non-contributory, with respect to any insurance or self-insurance carried by the City of Hutto, for liability arising out of operations under this Agreement.

14.12 It is understood and agreed that the insurance required is in addition to and separate from any other obligation contained in this Agreement and that no claim or action by or on behalf of City shall be limited to insurance coverage provided.

14.13 Consultant and any Sub-Consultants and/or Subcontractors are responsible for all damage to their own equipment and/or property.

ARTICLE XV
INDEMNIFICATION

15.1 Consultant, whose professional services are the subject of this Agreement, covenants and agrees to FULLY INDEMNIFY and HOLD HARMLESS, City and the elected officials, employees, officers, directors, volunteers and representatives of City, individually and collectively, from and against damages, liabilities or costs, including reasonable attorney fee and defense costs, to the extent caused by Consultant's negligent performance of professional services under this Agreement and anyone for whom Consultant legally or contractually is liable. The indemnity provided for in this Section 15.1 shall not apply to any liability resulting from the negligence of City, its officers or employees, in instances where such negligence causes personal injury, death or property damage. IN THE EVENT CONSULTANT AND CITY ARE FOUND JOINTLY LIABLE BY A COURT OF COMPETENT JURISDICTION, LIABILITY SHALL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS FOR THE STATE OF TEXAS, WITHOUT, HOWEVER, WAIVING ANY GOVERNMENTAL IMMUNITY AVAILABLE TO THE CITY UNDER TEXAS LAW AND WITHOUT WAIVING ANY DEFENSES OF THE PARTIES UNDER TEXAS LAW.

15.2 The provisions of this Article XV solely are for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity. Consultant shall advise City in writing within twenty-four (24) hours of any claim or demand against City or Consultant known to Consultant related to or arising out of Consultant's activities under this Agreement and shall see to the investigation and defense of such claim or demand at Consultant's cost. City shall have the right, at its option and at its own expense, to participate in such defense without relieving Consultant of any of its obligations under this Section XV.

ARTICLE XVI
CLAIMS AND DISPUTES

16.1 **Definition.** A Claim is a demand or assertion by one of the parties hereto seeking, as a matter of right, adjustment or interpretation of an Agreement's terms, payment of money, extension of time or other relief, with respect to the terms of the Agreement. The term "Claim" also includes other disputes and matters in question arising out of or relating to this Agreement. Claims must be initiated by written notice. Every Claim of Consultant, whether for additional compensation, additional time or other relief, shall be signed and sworn to by an authorized corporate officer (if Consultant is not a corporation, then an official of the company authorized to bind Consultant by his/her signature) of Consultant, verifying the truth and accuracy of the Claim. The responsibility to substantiate Claims shall rest with the party making the Claim.

16.2 **Time Limit on Claims.** Claims by Consultant must be initiated in writing to City within twenty-one (21) calendar days after the occurrence of the event giving rise to such Claim.

16.3 **Continuing Contract Performance.** Pending final resolution of a Claim, except as otherwise agreed in writing, Consultant shall proceed diligently with performance of the Agreement and City shall continue to make payments in accordance with this Agreement.

16.4 **Claims for Additional Time.** If Consultant wishes to make a Claim for an increase in the time for performance, written notice, as stated in this **Section XVI**, must be given. Consultant's Claim shall include an estimate of probable effect of delay on progress of the Work. In the case of a continuing delay, only one Claim is necessary.

16.5 **Claims for Consequential Damages**. Except as otherwise provided in this Agreement, in calculating the amount of any Claim or any measure of damages for breach of contract (such provision to survive any termination following such breach), the following standards will apply both to claims by Consultant and to claims by City:

16.5.1 No consequential damages will be allowed; and

16.5.2 Damages are limited to extra costs specifically shown to have been directly caused by a proven wrong for which the other party is claimed to be responsible; and

16.5.3 No profit will be allowed on any damage claim.

16.6 **No Waiver of Governmental Immunity. NOTHING IN THIS SECTION XVI SHALL BE CONSTRUED TO WAIVE CITY'S GOVERNMENTAL IMMUNITY FROM LAWSUIT, WHICH IMMUNITY IS EXPRESSLY RETAINED TO THE EXTENT IT IS NOT CLEARLY AND UNAMBIGUOUSLY WAIVED BY STATE LAW.**

16.7 Alternative Dispute Resolution.

16.7.1 **Continuation of Services Pending Dispute Resolution.** Each party is required to continue to perform its obligations under this Agreement, pending a final resolution of any dispute arising out of or relating to this Agreement, unless it would be impossible or impracticable under the circumstances

16.7.2 **Requirement for Senior Level Negotiations.** Before invoking mediation or any other alternative dispute process set forth herein, the parties agree that they first shall try to resolve any dispute arising out of or related to this Agreement through discussions directly between those senior management representatives within their respective organizations who have overall managerial responsibility for similar projects. This step shall be a condition precedent to use of any other alternative dispute resolution process. If the parties' senior management representatives cannot resolve the dispute within thirty (30) calendar days, after a party delivers a written notice of such dispute, then the parties shall proceed with the mediation alternative dispute resolution process contained herein. All negotiations pursuant to this clause are confidential and shall be treated as compromise and settlement negotiations for purposes of applicable rules of evidence.

16.7.3 Mediation.

16.7.3.1 In the event that City or Consultant shall contend that the other has committed a material breach of this Agreement, the party alleging such breach shall, as a condition precedent to filing any lawsuit, request mediation of the dispute.

16.7.3.2 Request for mediation shall be in writing, and shall request that the mediation commence not less than thirty (30) or more than ninety (90) calendar days following the date of the request, except upon agreement of both parties.

16.7.3.3 In the event City and Consultant are unable to agree to a date for the mediation or to the identity of the mediator or mediators within 30 calendar days following the date of the request for mediation, all conditions precedent in this **Article XVI** shall be deemed to have occurred.

16.7.3.4 The parties shall share the mediator's fee and any filing fees equally. Venue for any mediation or lawsuit arising under this Agreement shall be in WilliamsonCounty, Texas. Any agreement reached in mediation shall be enforceable as a settlement agreement in any court having jurisdiction thereof. No provision of this Agreement shall waive any immunity or defense. No provision of this Agreement is a consent to suit.

ARTICLE XVII
SEVERABILITY

If, for any reason, any one or more Articles and/or paragraphs of this Agreement are held invalid or unenforceable, such invalidity or unenforceability shall not affect, impair or invalidate the remaining Articles and/or paragraphs of this Agreement but shall be confined in its effect to the specific Article, sentences, clauses or parts of this Agreement held invalid or unenforceable, and the invalidity or unenforceability of any Article, sentence, clause or parts of this Agreement, in any one or more instance, shall not affect or prejudice in any way the validity of this Agreement in any other instance.

ARTICLE XVIII
INTEREST IN CITY CONTRACTS PROHIBITED

18.1 No officer or employee of City shall have a financial interest, directly or indirectly, in any contract with City or shall be financially interested, directly or indirectly, in the sale to City of any land, materials, supplies or service, except on behalf of City as an officer or employee. This prohibition extends to City's Public Service Board, SAWS and other City boards and commissions, which are more than purely advisory. The prohibition also applies to Sub-Contracts on City projects.

18.2 Consultant acknowledges that it is informed that the Charter of City and its Ethics Code prohibit a City officer or employee, as those terms are defined in the Ethics Code, from having a financial interest in any contract with City or any City agency, such as City-owned utilities. Consultant's officer or employee has a "prohibited financial interest" in a contract with City or in the sale to City of land, materials, supplies or service, if any of the following individual(s) or entities is a party to the contract or sale: a. a City officer or employee; b. a City officer or employee's parent, child or spouse; c. a business entity in which City officer or employee, or the officer or employee's parent, child or spouse, owns ten percent (10%) or more of the voting stock or shares of the business entity, or ten percent (10)%) or more of the fair market value of the business entity; d. a business entity in which any individual or entity above listed is a subcontractor on a City contract, a partner or a parent or subsidiary business entity.

18.3 Consultant warrants and certifies, and this Agreement is made in reliance thereon, that Consultant, its officers, employees and agents are neither officers nor employees of City. Consultant further warrants and certifies that is has tendered to City a Discretionary Contracts Disclosure Statement in compliance with City's Ethics Code.

ARTICLE XIX
CONFLICT OF INTEREST

19.1 Consultant acknowledges that it is informed that the Charter of the City of Hutto and its Ethics Code prohibit a City officer or employee, as those terms are defined in the Ethics Code, from having a direct interest in any contract with the City.

19.2 Pursuant to the subsection above, Consultant warrants and certifies, and this Agreement is made in reliance thereon, that it, its officers, employees, and agents are neither officers nor employees of the City and shall not have a direct interest in the Agreement. Consultant further warrants and certifies that it will comply with the City's Ethics Code.

19.3 **HB 1295 Certificate of Interested Parties (TEC Form 1295).** For contracts needing City Council approval, or any subsequent changes thereto requiring City Council approval, the City may not accept or enter into a contract until it has received from the Consultant a completed, signed, and notarized TEC Form 1295 complete with a certificate number assigned by the Texas Ethics Commission ("TEC"), pursuant to Texas Government Code § 2252.908 and the rules promulgated thereunder by the TEC. The Consultant understands that failure to provide said form complete with a certificate number assigned by the TEC may prohibit the City from entering into this Agreement. Pursuant to the rules prescribed by the TEC, the TEC Form 1295 must be completed online through the TEC's website, assigned a certificate number, printed, signed, and notarized, and provided to the

City. The TEC Form 1295 must be provided to the City prior to the award of the contract. The City does not have the ability to verify the information included in a TEC Form 1295, and does not have an obligation or undertake responsibility for advising Consultant with respect to the proper completion of the TEC Form 1295.

19.4 **No Boycott of Israel; No Terrorist Organization.**

Pursuant to Section 2270.002, Texas Government Code, the CONSULTANT hereby represents that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott Israel and, to the extent this Indenture is a contract for goods or services, will not boycott Israel during the term of this Indenture. The foregoing verification is made solely to comply with Section 2270.002, Texas Government Code, and to the extent such Section does not contravene applicable Federal law. As used in the foregoing verification, "boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

The CONSULTANT understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

Pursuant to Subchapter F, Chapter 2252, Texas Government Code, the CONSULTANT represents that neither it nor any of its parent company, wholly- or majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, and posted on any of the following pages of such officer's internet website:

https://comptroller.texas.gov/purchasing/docs/sudan-list.pdf,
https://comptroller.texas.gov/purchasing/docs/iran-list.pdf, or
https://comptroller.texas.gov/purchasing/docs/fto-list.pdf.

The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, and to the extent such Section does not contravene applicable Federal law and excludes the CONSULTANT and each of its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, that the United States government has affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. The CONSULTANT understands "affiliate" to mean any entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

19.5 **Verification Regarding Energy Company Boycotts.**

To the extent this Agreement constitutes a contract for goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 13, 87th Texas Legislature, Regular Session) as amended, the CONSULTANT hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other

affiliates, if any, do not boycott energy companies and, will not boycott energy companies during the term of this Agreement. The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "boycott energy companies" shall have the meaning assigned to the term "boycott energy company" in Section 809.001, Texas Government Code. The CONSULTANT understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

19.6 **Verification Regarding Discrimination Against Firearm Entity or Trade Association.**

To the extent this Agreement constitutes a contract for the purchase of goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 19, 87th Texas Legislature, Regular Session, "SB 19"), as amended, the hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any,

(1) do not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association; and
(2) will not discriminate during the term of this Agreement against a firearm entity or firearm trade association.

The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "discriminate against a firearm entity or firearm trade association" shall have the meaning assigned to such term in Section 2274.001(3), Texas Government Code (as added by SB 19). The CONSULTANT understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

ARTICLE XX
STANDARD OF CARE/LICENSING

20.1 Services provided by Consultant under this Agreement shall be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

20.2 Consultant shall be represented by personnel with appropriate certification(s) at meetings of any official nature concerning the Project, including but not limited to scope meetings, review meetings, pre-bid meetings and preconstruction meetings.

ARTICLE XXI
RIGHT OF REVIEW AND AUDIT

21.1 Consultant grants City, or its designees, the right to audit, examine or inspect, at City's election, all of Consultant's records relating to the performance of the Work under this Agreement, during the term of this Agreement and retention period herein. The audit, examination or inspection may be performed by a City designee, which may include its internal auditors or an outside representative engaged by City. Consultant agrees to retain its records for a minimum of four (4) years following termination of the Agreement, unless there is an ongoing dispute under the contract, then, such retention period shall extend until final resolution of the dispute. "Consultant's records" include any and all information, materials and data of every kind and character generated as a result of the work under this Agreement. Example of Consultant records include, but are not limited to, billings, books, general ledger, cost ledgers, invoices, production sheets, documents, correspondence, meeting notes, subscriptions, agreements, purchase orders, leases, contracts, commitments, arrangements, notes, daily diaries, reports, drawings, receipts, vouchers, memoranda, time sheets, payroll records, policies, procedures, federal and state tax filings for issue in question and any and all other agreements, sources of information and matters that may, in City's judgment, have any bearing on or pertain to any matters, rights, duties or obligations under or covered by any Agreement Documents.

21.2 City agrees that it will exercise the right to audit, examine or inspect Consultant's records only during City's regular business hours. Consultant agrees to allow City's designee access to all of Consultant's Records, Consultant's facilities and current or former employees of Consultant, deemed necessary by City or its designee(s), to perform such audit, inspection or examination. Consultant also agrees to provide adequate and appropriate work space necessary to City or its designees to conduct such audits, inspections or examinations.

21.3 Consultant must include this audit clause in any subcontractor, supplier or vendor contract.

ARTICLE XXII
ENTIRE AGREEMENT

This Agreement represents the entire and integrated Agreement between City and Consultant and supersedes all prior negotiations, representations or agreements, either oral or written. This Agreement may be amended only by written instrument signed by both City and Consultant.

ARTICLE XXIII
VENUE

The obligations of the parties to this Agreement shall be performable in Hutto, Williamson County, Texas. If legal action, such as civil litigation, is necessary in connection therewith, exclusive venue shall lie in Williamson County, Texas.

ARTICLE XXIV
NOTICES

Except as may be provided elsewhere herein, all notices, communications, and reports required or permitted under this Agreement shall personally be delivered or mailed to the respective party by depositing the same in the United States Postal Service, addressed to the applicable address shown below, unless and until either party otherwise is notified in writing by the other party of a change of such address. Mailed notices shall be deemed communicated as of five (5) calendar days of mailing. In cases of emergency communication may be provided through email, in person, or telephone notices which shall be followed with the mailing procedure herein described.

If intended for City, to:

City of Hutto

Attention: City Engineer
500 West Live Oak
Hutto TX 78634

(512) 759-4933

Matt.rector@huttotx.gov

If intended for Consultant, to:

ARTICLE XXV
INDEPENDENT CONTRACTOR

In performing services under this Agreement, the relationship between City and Consultant is that of an independent contractor. By the execution of this Agreement, Consultant and City do not change the independent contractor status of Consultant. Consultant shall exercise independent judgment in performing its duties and obligations under this Agreement and solely is responsible for setting working hours, scheduling or prioritizing the work flow and determining how the work is to be performed. No term or provision of this Agreement or act of Consultant, in the performance of this Agreement, shall be construed as making Consultant the agent, servant or employee of City, or as making Consultant or any of its agents or employees eligible for any fringe benefits, such as retirement, insurance and worker's compensation, which City provides to or for its employees.

ARTICLE XXVI
CAPTIONS

The captions for the individual provisions of this Agreement are for informational purposes only and shall not be construed to effect or modify the substance of the terms and conditions of this Agreement to which any caption relates.

IN WITNESS WHEREOF, City of Hutto has lawfully caused these present to execute this Agreement by the hand of City Manager, or designee; Consultant, acting by the hand of _____, thereunto authorized _____ does now sign, execute and deliver this document.

Executed on this____day of _____, A. D._____.

CITY OF HUTTO

_____
James Earp
CITY MANAGER

Arias & Associates, Inc. **(FIRM)**

By: Kyle J. Feldman, P.E.

CMT Project Manager
Title

APPROVED:

_____
CITY ATTORNEY

EXHIBIT 1
INDIVIDUAL PROJECT ORDER

PROJECT FEE SUMMARY
(TO INCLUDE REIMBURSEABLES, IF ANY)
AND TIMELINE FOR DESIGN PHASE SERVICES

In accordance with Agreement for On Demand Services Survey Services Rotation List between the City of Hutto (Owner) and Vendor, the parties agree as follows:

1. Background Data
   a. Project Number: CIP (Not available)
   b. Owner: City of Hutto
c. Vendor: Arias & Associates, Inc.Specific Project (title): The Legends of Hutto Drainage Improvements – Phase 1

1) Scope of services for **Arias & Associates, Inc.** will include the following services (Refer to Attached A for Full Services Detail

   a. Construction Phase CMT Services

2) Fee: NTE $48,650.00

Work Description	Original Fee	Amendment Amount	Change in Fee	Fee Type
Soils Testing	$4950.00	$0.00	$0.00	Unit Rate
Concrete Testing	$36275.00	$0.00	$0.00	Unit Rate
Professional Services	$7425.00	$0.00	$0.00	Unit Rate
TOTAL	$48,650.00			

3) Deadline: This form is to be signed along with any supplementary materials and must be submitted to Matt Rector, City Engineer via email by **12-02-2025 (two Fridays before City Council Agenda date)**, at 12PM CST.

Point of Contact
Matt Rector
City Engineer
Matt.Rector@HuttoTX.gov
512-759-4025

Any questions must be in writing and responses will be provided within 24 hours and shared with other On Demand firms under contract with the City.

Vendor agrees to provide the services within this Individual Project Order ("IPO") and Vendor is authorized to begin performance upon its receipt of a copy of this IPO signed by Owner.

Except as provided for in this IPO, all other provisions of the Master Service Agreement dated _____shall remain in full force in effect.

EXHIBIT 2

SCOPE OF SERVICES

(Shall include the role and responsibilities of Consultant, as detailed in City's General Conditions attached hereto)

EXHIBIT 3

GENERAL CONDITIONS FOR
CITY OF HUTTO CONSTRUCTION CONTRACTS

13581 Pond Springs Rd., Ste. 210 Austin, Texas 78729 • Phone: (512) 428-5550 • Fax: (512) 428-5525

Tuesday, December 02, 2025

Arias Job No: 2025-752 Proposal ID: 1

Ms. Patricia Davis
CIP Manager
City of Hutto
500 W. Live Oak Steet
Hutto, Texas 78634

Via Email: Patricia.Davis@HuttoTX.gov

RE: Proposal for Construction Materials Testing (CMT)
Proposed Legends of Hutto Drainage Improvements-Phase 1
Carl Stern Drive
Hutto, Texas 78634

Dear Ms. Davis:

Arias & Associates, Inc. dba ARIAS appreciates the opportunity to submit our proposal for testing services on the referenced project. The attachment presents our Estimate for providing CMT quality control services, as requested during the project by your representatives. We rely on your representatives to contact our dispatcher when our services are desired. Therefore, the quantity and frequency of testing is the responsibility of our customer.

Quality control or assurance tests serve to indicate the material quality for the specific material tested at a specific location at a particular time and date. Quality control or assurance tests do not represent the quality of any other portion of material placed, other than the portion tested and cannot in any way guarantee the quality of a final work product.

We understand that the project will consist of drainage improvements from Detention Pond 1 located Southwest of Herrera trail to Grisham Drive. Improvements will include concrete channels, new trickle channels, Detention Pond 1 outlet, retaining walls at Detention Pond 1, and utility adjustments.

A line item description of our on call services that are included in the total cost estimate of this proposal are mentioned below:

1) Sampling subgrade, fill, and/or base materials for laboratory testing.

2) In-place field density testing of subgrade, fill, and/or base materials within the proposed structure areas.

3) Sampling and testing of structural and/or pavement concrete during placement. The concrete specimens will be transported to our laboratory where they will be stored, cured, and tested for compressive strength on the specified dates.

4) Professional service fees for project management, data processing, engineer review, and reporting.

We have prepared an estimate for our on call scope of services based on our interpretations of the plans and specifications provided to Arias by you. A construction schedule was not available at the time this proposal was generated. Should Arias & Associates, Inc. be awarded this project, we request that a full set of plans, specifications, and all addendums - prior to the project start date - be provided to us. Efforts will be made to maintain the testing cost within our Estimate, but we recognize that variations in construction

schedules could result in differences between the actual and estimated testing cost; and that our Estimate may change depending on the means and methods utilized by the contractor. Requests for any required change orders will be made as soon as possible during the construction of the project. Services authorized by the client or their designated representative in excess of the Estimated quantities will be charged per our appropriate unit rates.

We propose that we conduct this work on a unit fee basis in accordance with the attached General Conditions. Charges will be incurred only for those services actually provided. Invoice payments are due upon receipt.

In order for us to better serve you, please fill out the attached Project Information Sheet and return at your earliest convenience; in addition please provide us with a copy of the plans and specifications applicable to our services and the project.

We look forward to assisting you towards the successful completion of this project.

Kyle J. Feldman will be the manager representative for Arias & Associates, Inc. on this job. You can contact Kyle by calling (512) 765-3376 or by emailing kfeldman@ariasinc.com.

Cost Estimate

Soils Testing	Quantity	Price		Total
Atterberg Limits Determination	3	90.00	each	$ 270.00
Moisture Density Relationship	3	275.00	each	$ 825.00
Nuclear Gauge	10	65.00	trip	$ 650.00
Sieve Analysis	3	85.00	each	$ 255.00
Soils Observation Technician (3 minimum)	30	75.00	hour	$ 2,250.00
Trip Charge	10	70.00	each	$ 700.00
		Sub Total:		$ 4,950.00

Concrete Testing	Quantity	Price		Total
Concrete Air Content	50	30.00	each	$ 1,500.00
Concrete Compression Test	340	22.50	each	$ 7,650.00
Concrete Cylinder Pickup (2 minimum)	100	70.00	hour	$ 7,000.00
Concrete Technician (3 minimum)	175	75.00	hour	$ 13,125.00
Trip Charge	100	70.00	each	$ 7,000.00
		Sub Total:		$ 36,275.00

Professional Services	Quantity	Price		Total
Data Processing	33	75.00	hour	$ 2,475.00
Engineer	0	195.00	hour	$ 0.00
Manager	33	150.00	hour	$ 4,950.00
		Sub Total:		$ 7,425.00

Total: $ 48,650.00

Excluded Items:

1) Retest of failed inspections, standby time, and late cancellations.
2) Observation and testing of concrete for sidewalks, curbs, gutters, and/or any other non-structural units.
3) Field density testing of backfill for utility trenches.
4) Observation and testing of structural steel.
5) Inspection of structural steel fabrication plant.
6) Observation and testing of asphalt.
7) Non-destructive testing and observation (radiographic testing, magnetic particle testing, dye penetrant testing, ultrasonic testing, etc.).
8) Observation and testing of post-installed anchors.
9) Any and all surveying services to define locations and/or boundaries including verification of limits of the vertical and/or horizontal extent of select fill or other materials placed during construction.
10) Engineering services not specifically requested.
11) Any other products or services not specifically addressed in the above scope.

Rates for excluded items and other services will be invoiced at ARIAS standard rates.

Minimum call-out charge for technician and equipment is 3 hours. Minimum call-out charge for material sampling and/or sample pickup is 2 hours. Charges are accrued portal to portal. An overtime rate of 1.5 times the above quoted rates is applicable to time worked in excess of 8 hours per day Monday through Friday, hours worked before 6:00 a.m. or after 6:00 p.m., and all hours worked on Saturdays, Sundays, and

holidays.

Dispatch can be reached Monday-Friday from 7:00 am to 5:00 pm and Saturday from 7:00 am to 12:00 pm. Please schedule work in a timely manner, minimally 24 hours in advance, to have an ARIAS technician available to be on site at the requested time.

For any and all projects which continue into the next calendar year, an upward pricing adjustment of all quoted rates will be made to include the Consumer Price Index increased cost of living to include the costs of energy and food.

Agreement Section

Arias & Associates, Inc.
TBPE Registration No: F-32
13581 Pond Springs Rd., Ste. 210
Austin, TX 78729
Phone: (512) 428-5550 Fax: (512) 428-5525

Kyle J. Feldman
Department Manager
(737) 220-0119
kfeldman@ariasinc.com

Arias & Associates, Inc. and client hereby agree to the terms and conditions of this proposal and have caused this agreement to be executed by their duly authorized officers and made effective as of the day and year first written above.

Client: City of Hutto

By: X Date: _____

Print Name: _____ Title: _____

Address: 500 W. Live Oak Steet
Hutto, TX 78634

Phone: (512) 759-4005 Fax: (512) 846-2653

Document Path: K:\024052-000\GIS\Maps\Figures_Hutto\Figures_Hutto\Phase 1 Date Saved: 11/18/2024

Legend

Priority Channels
- Channel D
- Channel E
- Channel F
- Drainage Channel 4

Priority Areas
- Detention Pond 1
- Phase 1
- Study Area

Phase 1 Boundary

Phase 1 Location

LEGENDS OF HUTTO
City of Hutto

N
0 350 Feet
1 inch = 350 feet

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1395196

Date Filed:
12/02/2025

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Arias & Associates, Inc.
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
Arias Job# 2025-752
Material Testing Services

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Arias, P.E., Robert	San Antonio, TX United States	X	
Arias, Jeremy	San Antonio, TX United States	X	
Hawkins, Amber	San Antonio, TX United States	X	
Arias, Eric	San Antonio, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is Kyle J. Feldman, P.E., and my date of birth is [redacted].

My address is 13581 Pond Springs Road, Suite 210, Austin (city), TX (state), 78729 (zip code), USA (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Williamson County, State of Texas, on the 2 day of December (month), 20 25 (year).

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1395196

Date Filed:
12/02/2025

Date Acknowledged:
01/02/2026

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Arias & Associates, Inc.
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

Arias Job# 2025-752
Material Testing Services

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Arias, P.E., Robert	San Antonio, TX United States	X	
Arias, Jeremy	San Antonio, TX United States	X	
Hawkins, Amber	San Antonio, TX United States	X	
Arias, Eric	San Antonio, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____County, State of _____, on the _____day of _____, 20_____.
(month) (year)

_____
Signature of authorized agent of contracting business entity
(Declarant)

AGENDA ITEM REPORT
9.3.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-003 authorizing the City Manager to execute a Job Order with National Works in the amount of $326,346 for the Rehabilitation of the Enclave Lift Station funded from the Public Works Operations and Maintenance budget. (Rick Coronado)
Meeting:	Thursday, January 8, 2026
Department:	Public Works /
Staff Contact:	Rick Coronado

ITEM SUMMARY:

This project has received priority funded as part of the Public Works Operations and Maintenance budget to extend the life of the Enclave Lift Station. The proposed Enclave Lift Station Improvements project is assigned to National Works, as part of the cooperative job order contract, due to an immediate need for Public Works. The City owns and operates the Enclave Lift Station (LS) located at 1131 Enclave Way, Hutto, Texas. The Enclave LS pumps wastewater into a 20-inch force main that conveys wastewater to the Hutto South Wastewater Treatment Plant (SWWTP). The Enclave LS is scheduled for decommissioning within the next few years but is in need of near-term rehabilitation; therefore, the City is looking to make piping repairs, and to rehabilitate several facility components to improve operations and extend the life of the facility until it is decommissioned. The near-term rehabilitation and expansion was included as part of the operation and maintenance budget within the Public Works department.

The Enclave lift station is a major facility that intercepts and discharges the majority of final wastewater discharge through a 20-inch force main to the South Wastewater Treatment Plant. A disruption of flow or failure, including unauthorized discharge (or sanitary overflow), would result in environmental or public health impacts including regulatory notices of violation, public notification, enforcement, and/or fines.

According to the wastewater master plan (2022), the Enclave LS was built in 2003 and upgraded in 2015. It was identified as being in poor condition during the master plan report with a recommendation to decommission within the five-year horizon. Since then, maintenance issues have been reported and addressed, including:

- an air relief valve failure resulting in an overflow in 2023;
- power generator repairs, pumps replacements and discharge clamp replacement in 2024;
- and two additional discharge piping clamp repairs in 2025.

The station is at risk of disruption to the 24/7 operations without major piping repairs and bypassing of the station while work is safely performed. This work is recommended to meet an anticipated lift station relief by decommissioning in 12-18 months.

FISCAL NOTES:

The budget amendment that is included as another item on this agenda will allow the FY 2026 Utility Fund Budget to fund this expense as follows:

Utility Fund (50)
Account Number: 50-040-058-6315
Account Name: Wastewater Pumps, Motors & Control
Budgeted Amount: $533,196
Amount Requested: $326,346
Amount Remaining: $206,850

ATTACHMENTS:

1. 20251219 Hutto RES Enclave LS National Works v2
2. Enclave_Lift_Station
3. 12.18.25 ENCLAVE LIFT STATION UPGRADES
4. 22010701_CONTRACT_Trades_Labor_Materials_National_Works
5. National Works_1295_Redacted
6. No Boycott and HB 1295 Compliance 12.01.25

RESOLUTION NO. R-2026-###

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, APPROVING AN AGREEMENT BETWEEN THE CITY OF HUTTO AND NATIONAL WORKS, INC. FOR THE REHABILITATION OF THE ENCLAVE LIFT STATION; AUTHORIZING THE CITY MANAGER TO PURCHASE THROUGH THE INTERLOCAL PURCHASING SYSTEMS (TIPS) 220107 VENDOR AGREEMENT; PROVIDING PROPER NOTICE AND MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Hutto ("City") desires to purchase upgrades for the Enclave Lift Station through National Works, Inc.; and

WHEREAS, National Works, Inc. joined The Interlocal Purchasing System (TIPS) Purchasing Cooperative Agreement on April 22, 2022; and

WHEREAS, the City desires to approve the purchase order between the City and National Works, Inc. for the Enclave Lift Station Rehabilitation; and

WHEREAS, the City Council desires to authorize the City Manager to execute the Agreement in the amount of $326,346.00.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the purchase order, attached as Exhibit A, a copy of the National Works, Inc TIPS Contract No. 220107-02.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place, and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas

Government Code, as amended.

SECTION 4: This Resolution shall take effect immediately upon its passage.

PASSED AND APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th of January, 2026, on a vote of ____ AYES; _____ NAYS; and _____ ABSTENTIONS.

(Remainder of page intentionally left blank.)

CITY OF HUTTO, TEXAS

_____

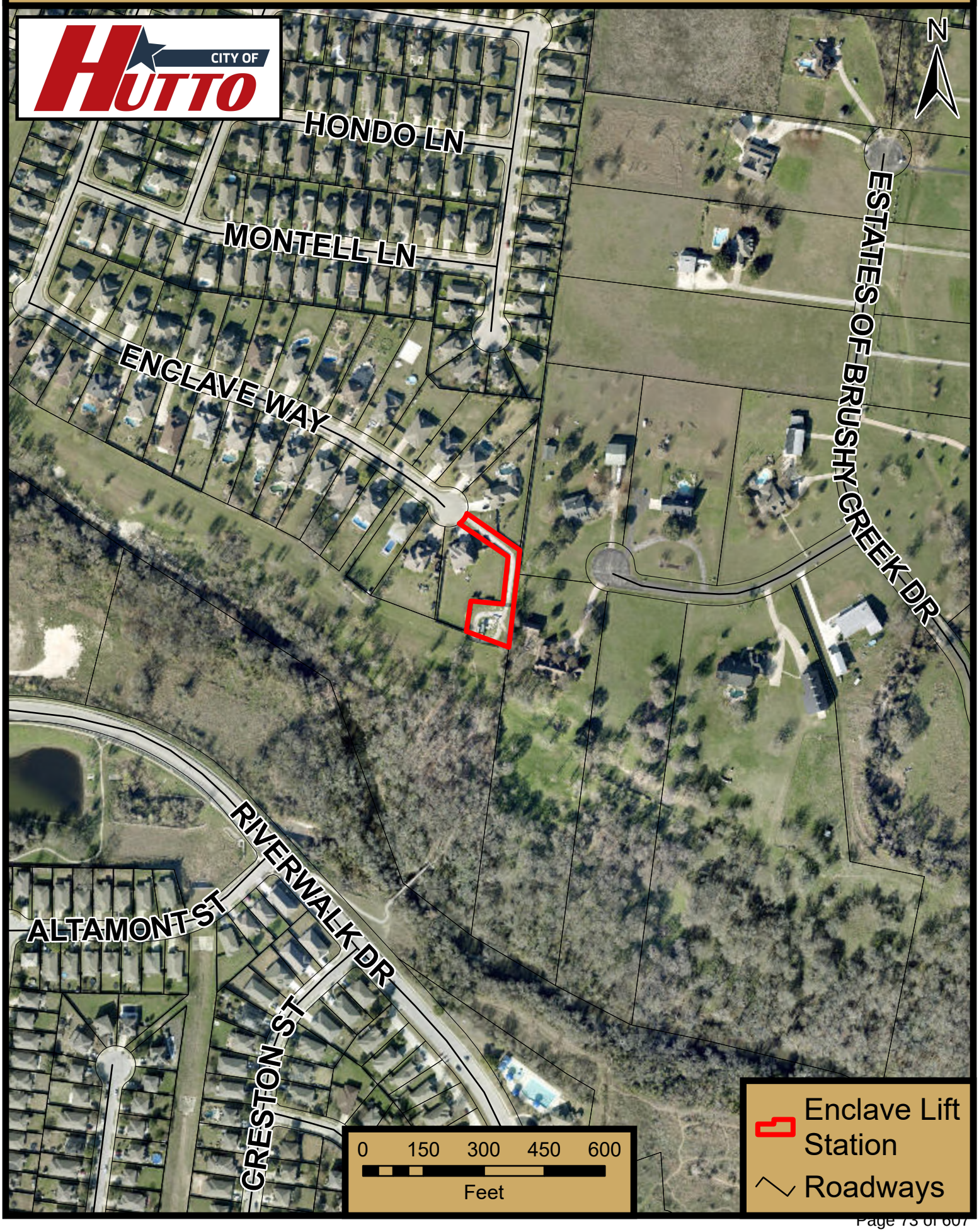
Mike Snyder, Mayor

ATTEST

_____

Laura Hallmark, City Secretary

Enclave Lift Station



NATIONAL WORKS, INC.
UNDERGROUND UTILITY SERVICES

TIPS Contract No. 220107-02

Enclave Lift Station Rehabilitation
Hutto, TX
December 18, 2025

Pricing for Turk-Key Bypass Pumping Includes (See Attached Bypass Plan and Verbiage):

- Mobilization/Demobilization, Labor Setup/Teardown, Support Equipment for Bypass Setup, system pressure test/flush/pig.
- Bypass Rental for minimum 4 weeks and up to 6 weeks.
- Autodialers/Transducers to monitor pumps and flows.
- 24 Hour Pump Watch Performed by One Pump Certified Mechanic Per 12-Hour Shift.
- Fueling of pumps.

Total for Bypass Pumping: **-$162,310.00**

Pricing for Lift Station Modifications/Upgrades Includes:

- Mobilization
- Demo Existing Wet Well Pipe and Guide Rails
- Installing New Discharge Elbows, Brackets, and Guide Rails
- Installing New Discharge Pipe Inside Wet Well
- Install 10x8 WYE Bypass Connection on Existing 10” FM
- Install 6x6 WYE Bypass Connection on Existing 6” FM
- Epoxy Coating of New/Existing Pipe in Well and Bypass Connections
- Excavation for Bypass Connections

Total for Lift Station Modifications/Upgrades: **-$164,036.00**

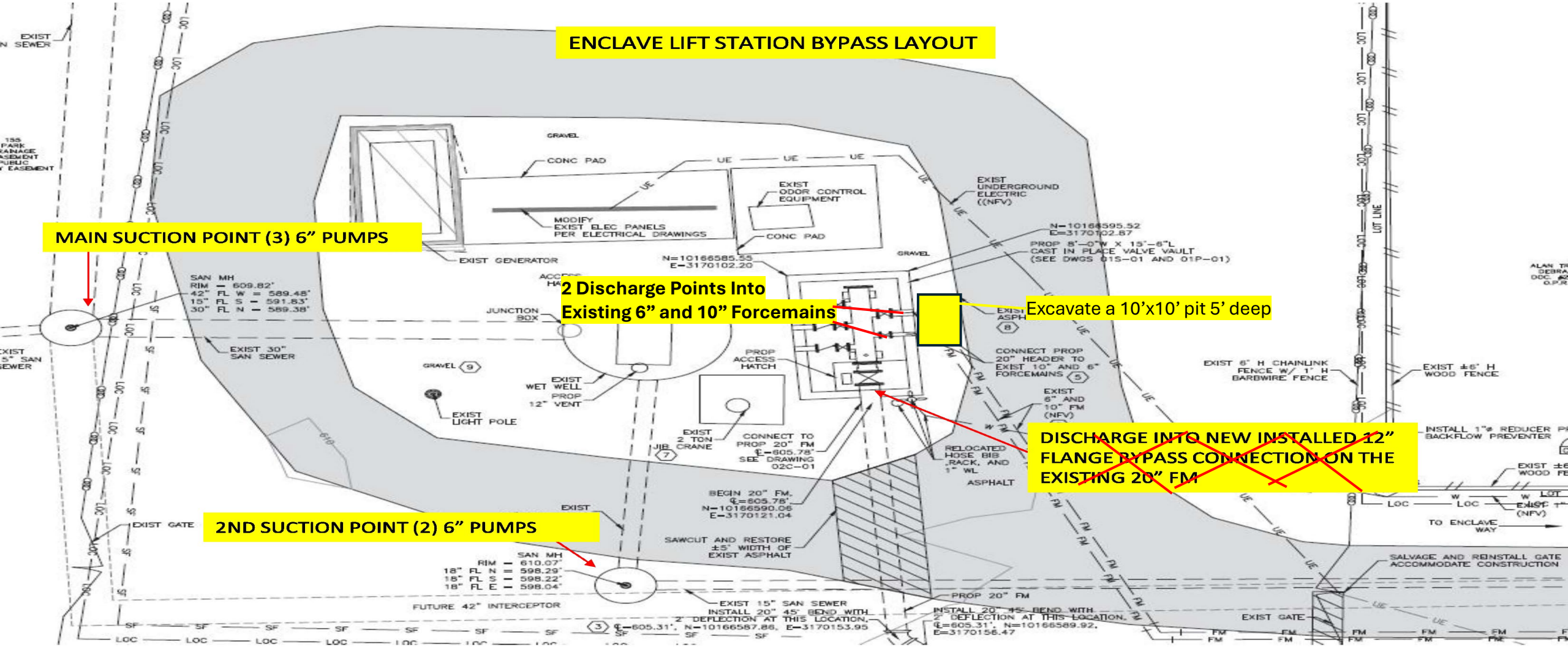
TOTAL : $326,346.00

Lead Time on pump discharge elbows, guide rails, and brackets is approximately 1-2 weeks.

***Bypass connections installed will be 10x8 and 6x6 wyes cut into existing 10” and 6” force mains. A 10” and 6” branch will be extended above ground level and end with 45-degree bends with 10” and 6” gate valves. The connections will be permanent.**

***Pricing does not include taxes. A tax-exempt cert will be required from the City of Hutto.**

***National Works strongly recommends including the coating of the wet well to prevent failure of the LS.**


ENCLAVE LIFT STATION BYPASS LAYOUT
MAIN SUCTION POINT (3) 6” PUMPS
2 Discharge Points Into Existing 6” and 10” Forcemains
Excavate a 10’x10’ pit 5’ deep
DISCHARGE INTO NEW INSTALLED 12” FLANGE BYPASS CONNECTION ON THE EXISTING 20” FM
2ND SUCTION POINT (2) 6” PUMPS
EXIST GENERATOR
CONC PAD
MODIFY EXIST ELEC PANELS PER ELECTRICAL DRAWINGS
EXIST ODOR CONTROL EQUIPMENT
EXIST UNDERGROUND ELECTRIC ((NFV)
PROP 8’-0”W X 15’-6”L CAST IN PLACE VALVE VAULT (SEE DWGS 01S-01 AND 01P-01)
SAN MH RIM = 609.82’ 42” FL W = 589.48’ 15” FL S = 591.83’ 30” FL N = 589.38’
EXIST 30” SAN SEWER
JUNCTION BOX
EXIST WET WELL
PROP 12” VENT
EXIST LIGHT POLE
PROP ACCESS HATCH
EXIST 2 TON JIB CRANE
CONNECT TO PROP 20” FM
CONNECT PROP 20” HEADER TO EXIST 10” AND 6” FORCEMAINS
EXIST 6” AND 10” FM (NFV)
RELOCATED HOSE BIB ,RACK, AND 1” WL
ASPHALT
EXIST 6’ H CHAINLINK FENCE W/ 1’ H BARBWIRE FENCE
EXIST ±6’ H WOOD FENCE
INSTALL 1”ø REDUCER BACKFLOW PREVENTER
TO ENCLAVE WAY
BEGIN 20” FM
SAWCUT AND RESTORE ±5’ WIDTH OF EXIST ASPHALT
EXIST GATE
SALVAGE AND REINSTALL GATE TO ACCOMMODATE CONSTRUCTION
SAN MH RIM = 610.07’ 18” FL N = 598.29’ 18” FL S = 598.22’ 18” FL E = 598.04’
FUTURE 42” INTERCEPTOR
EXIST 15” SAN SEWER
INSTALL 20” 45° BEND WITH 2° DEFLECTION AT THIS LOCATION
PROP 20” FM
INSTALL 20” 45° BEND WITH 2° DEFLECTION AT THIS LOCATION
LOT LINE
GRAVEL
ASPHALT
LOC
SF
FM
UE

TIPS VENDOR AGREEMENT

PART 1 ONLY

Between_____National Works Inc._____**and**

(Company Name)

THE INTERLOCAL PURCHASING SYSTEM (TIPS),

a Department of Texas Education Service Center Region 8 for

TIPS RFP 220107 Trades, Labor, and Materials (2 Part with JOC)- PART 1 ONLY

General Information

The Vendor Agreement ("Agreement") made and entered into by and between The Interlocal Purchasing System (hereinafter "TIPS") a government cooperative purchasing program authorized by the Region 8 Education Service Center, having its principal place of business at 4845 US Hwy 271 North, Pittsburg, Texas 75686 and the TIPS Vendor. This Agreement consists of the provisions set forth below, including provisions of all attachments referenced herein. In the event of a conflict between the provisions set forth below and those contained in any attachment, the provisions set forth shall control unless otherwise agreed by the parties in writing and by signature and date on the attachment.

A Purchase Order ("PO"), Agreement or Contract is the TIPS Member's approval providing the authority to proceed with the negotiated delivery order under the Agreement. Special terms and conditions as agreed between the Vendor and TIPS Member should be added as addendums to the Purchase Order, Agreement or Contract. Items such as certificate of insurance, bonding requirements, small or disadvantaged business goals are some, but not all, of the possible addendums.

Terms and Conditions

Freight

All quotes to Members shall provide a line item for cost for freight or shipping regardless if there is a charge or not. If no charge for freight or shipping, indicate by stating "No Charge", "$0", "included in price" or other similar indication. Otherwise, all shipping, freight or delivery changes shall be passed through to the TIPS Member at cost with no markup and said charges shall be agreed by the TIPS Member unless alternative shipping terms are agreed by TIPS as a result of the proposal award.

Warranty Conditions

All new supplies equipment and services shall include ***manufacturer's minimum standard warranty*** unless otherwise agreed to in writing. Vendor shall be legally permitted to sell all products offered for sale to TIPS Members if the offering is included in the Request for Proposal ("RFP") category. All goods proposed and sold shall be new unless clearly stated in writing.

Customer Support

The Vendor shall provide timely and accurate customer support for orders to TIPS Members as agreed by the Parties. Vendors shall respond to such requests within a commercially reasonable time after receipt of the request. If support and/or training is a line item sold or packaged with a sale, support shall be as agreed

with the TIPS Member.

Agreements
Agreements for purchase will normally be put into effect by means of a contract, agreement, or purchase order(s) executed by authorized agents of the TIPS Member participating government entities, but other means of placing an order may be used at the Member's discretion. Vendor accepts and understands that when a purchase order or similar purchase document is sent from a customer through TIPS to the Vendor, TIPS is recording the purchase and verifying whether the purchase is within the parameters of the TIPS Contract only. Vendor agrees that TIPS is not a legal party to the purchase order or similar purchase document and TIPS is not responsible for identifying fraud, mistakes, or misrepresentations for the specific order. Vendor agrees that any purchase order or similar purchase document issued from a customer to Vendor, even when processed through TIPS, constitutes a legal contract between the customer and Vendor only. A Vendor that accepts a purchase order or similar purchase document and fulfills an order, even when processed through TIPS, is representing that the vendor has carefully reviewed the purchase order or similar purchase document for legality, authenticity, and accuracy.

Tax exempt status
Most TIPS Members are tax exempt and the related laws and/or regulations of the controlling jurisdiction(s) of the TIPS Member shall apply.

Assignments of Agreements
No assignment of this Agreement may be made without the prior notification of TIPS. Written approval of TIPS shall not be unreasonably withheld. Payment for delivered goods and services can only be made to the awarded Vendor, Vendor designated reseller or vendor assigned company.

Disclosures

- Vendor and TIPS affirm that he/she, or any authorized employees or agents, has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor or service to a public servant in connection with this Agreement.

- Vendor shall attach, in writing, a complete description of any and all relationships that might be considered a conflict of interest in doing business with the TIPS program.

- The Vendor affirms that, to the best of his/her knowledge, the offer has been arrived at independently, and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over other vendors in the award of this Agreement.

Term of Agreement and Renewals
The Agreement with TIPS is for approximately five (5) years.

"Start Date" for Term Calculation Purposes Only: Regardless of actual award/effective date of Contract, for Agreement "term" calculation purposes only, the Agreement "start date" is the last day of the month that Award Notifications are anticipated as published in the Solicitation.

Example: If the anticipated award date published in the Solicitation is May 22, 2020 but extended negotiations delay award until June 27, 2020 the end date of the resulting initial "five-year" term Agreement, (which is subject to an extension(s)) will still be May 31, 2025 in this example.

"Termination Date": The scheduled Agreement "termination date" shall be the last day of the month of the month of the Original Solicitation's Anticipated Award Date plus five years.

Example: If the original term is approximately five years, and the solicitation provides an anticipated award date of May 22, 2020, the expiration date of the original five-year term shall be May 31, 2025 in this example.

Extensions: Any extensions of the original term shall begin on the next day after the day the original term expires.

Example Following the Previous Example: If TIPS offers a one-year extension, the expiration of the extended term shall be May 31, 2026 in this example.

TIPS may offer to extend Vendor Agreements to the fullest extent the original Solicitation permits.

Total term of Agreement can be up to the number of years provided in the solicitation or as limited by statute.

Automatic Renewal Clauses Incorporated in Awarded Vendor Agreements with TIPS Members Resulting from the Solicitation and with the Vendor Named in this Agreement.

No Agreement for goods or services with a TIPS Member by the awarded vendor named in this Agreement that results from the solicitation award named in this Agreement, may incorporate an automatic renewal clause that exceeds month to month terms with which the TIPS Member must comply. All renewal terms incorporated in an Agreement by the vendor with the TIPS Member shall only be valid and enforceable when the vendor receives written confirmation by purchase order, executed Agreement or other written instruction issued by the TIPS Member for any renewal period. The purpose of this clause is to avoid a TIPS Member inadvertently renewing an Agreement during a period in which the governing body of the TIPS Member has not properly appropriated and budgeted the funds to satisfy the Agreement renewal. This term is not negotiable and any Agreement between a TIPS Member and a TIPS awarded vendor with an automatic renewal clause that conflicts with these terms is rendered void and unenforceable.

Shipments

The Vendor shall ship, deliver or provide ordered products or services within a commercially reasonable time after the receipt of the order from the TIPS Member. If a delay in said delivery is anticipated, the Vendor shall notify TIPS Member as to why delivery is delayed and shall provide an estimated time for completion of the order. TIPS or the requesting entity may cancel the order if estimated delivery time is not acceptable or not as agreed by the parties.

Invoices

Each invoice or pay request shall include the TIPS Member's purchase order number or other identifying designation as provided in the order by the TIPS Member. If applicable, the shipment tracking number or pertinent information for verification of TIPS Member receipt shall be made available upon request.

Payments
The TIPS Member will make payments directly to the Vendor, the Vendor Assigned Dealer or as agreed by the Vendor and the TIPS Member after receiving invoice and in compliance with applicable payment statute(s), whichever is the greater time or as otherwise provided by an agreement of the parties.

Pricing
Price increases will be honored according to the terms of the solicitation. All pricing submitted to TIPS shall include the participation fee, as provided in the solicitation, to be remitted to TIPS by the Vendor. Vendor will not show adding the fee to the invoice presented to TIPS Member customer.

Participation Fees and Reporting of Sales to TIPS by Vendor
The Participation Fee that was published as part of the Solicitation and the fee published is the legally effective fee, along with any fee conditions stated in the Solicitation. Collection of the fees by TIPS is required under Texas Government Code §791.011 Et seq. Fees are due on all TIPS purchases reported by either Vendor or Member. Fees are due to TIPS upon payment by the Member to the Vendor, Reseller or Vendor Assigned Dealer. Vendor, Reseller or Vendor Assigned Dealer agrees that the participation fee is due to TIPS for all Agreement sales immediately upon receipt of payment including partial payment, from the Member Entity and must be paid to TIPS at least on a monthly basis, specifically within 31 calendar days of receipt of payment, if not more frequently, or as otherwise agreed by TIPS in writing and signed by an authorized signatory of TIPS. Thus, when an awarded Vendor, Reseller or Vendor Assigned Dealer receives any amount of payment, even partial payment, for a TIPS sale, the legally effective fee for that amount is immediately due to TIPS from the Vendor and fees due to TIPS should be paid at least on a monthly basis, specifically within 31 calendar days of receipt of payment, if not more frequently.

Reporting of Sales to TIPS by Vendor
Vendor is required to report all sales under the TIPS contract to TIPS. When a public entity initiates a purchase with a TIPS Awarded Vendor, if the Member inquires verbally or in writing whether the Vendor holds a TIPS Contract, it is the duty of the Vendor to verify whether or not the Member is seeking a TIPS purchase. Once verified, the Vendor must include the TIPS Contract number on any communications and related sales documents exchanged with the TIPS Member entity. To report sales, the Vendor must login to the TIPS Vendor Portal online at https://www.tips-usa.com/vendors_form.cfm and click on the PO's and Payments tab. Pages 3-7 of the Vendor Portal User Guide will walk you through the process of reporting sales to TIPS. Please refer to the TIPS Accounting FAQ's for more information about reporting sales and if you have further questions, contact the Accounting Team at accounting@tips-usa.com. The Vendor or vendor assigned dealers are responsible for keeping record of all sales that go through the TIPS Agreement and submitting same to TIPS. Failure to render the participation fee to TIPS shall constitute a breach of this agreement with our parent governmental entity, Texas Education Service Center Region 8, as established by the Texas legislature and shall be grounds for termination of this agreement and any other agreement held with TIPS and possible legal action. Any overpayment of participation fees to TIPS by a Vendor will be refunded to the Vendor within ninety (90) days of receipt of notification if TIPS receives written notification of the overpayment not later than the expiration of six (6) months from the date of overpayment and TIPS determines that the amount was not legally due to TIPS pursuant to this agreement and applicable law. It is the Vendor's responsibility to identify which sales are TIPS Agreement sales and pay the correct participation fee due for TIPS Agreement sales. Any notification of overpayment received by TIPS after the expiration of six (6) months from the date of overpayment will be non-refundable. Region 8 ESC and TIPS reserve the right to extend the six (6) month deadline to notify if approved by the Region 8 ESC Board of Directors. TIPS reserves all rights under the law to collect the fees due. Please contact TIPS at tips@tips-usa.com or call (866) 839-8477 if you have questions about paying fees.

Indemnity
The Vendor agrees to indemnify and hold harmless and defend TIPS, TIPS Member(s), officers and employees from and against all claims and suits by third parties for damages, injuries to persons (including death), property damages, losses, and expenses including court costs and reasonable attorney's fees, arising out of, or resulting from, Vendor's performance under this Agreement, including all such causes of action based upon common, constitutional, or statutory law, or based in whole or in part, upon allegations of negligent or intentional acts on the part of the Vendor, its officers, employees, agents, subcontractors, licensees, or invitees. Parties found liable shall pay their proportionate share of damages as agreed by the parties or as ordered by a court of competent jurisdiction over the case. **NO LIMITATION OF LIABILITY FOR DAMAGES FOR PERSONAL INJURY OR PROPERTY DAMAGE ARE PERMITTED OR AGREED BY TIPS/ESC REGION 8.** Per Texas Education Code §44.032(f), and pursuant to its requirements only, reasonable Attorney's fees are recoverable by the prevailing party in any dispute resulting in litigation.

State of Texas Franchise Tax
By signature hereon, the Vendor hereby certifies that he/she is not currently delinquent in the payment of any franchise taxes owed the State of Texas under Chapter 171, Tax Code.

Miscellaneous
The Vendor acknowledges and agrees that continued participation in TIPS is subject to TIPS sole discretion and that any Vendor may be removed from the participation in the Program at any time with or without cause. Nothing in the Agreement or in any other communication between TIPS and the Vendor may be construed as a guarantee that TIPS or TIPS Members will submit any orders at any time. TIPS reserves the right to request additional proposals for items or services already on Agreement at any time.

Purchase Order Pricing/Product Deviation
If a deviation of pricing/product on a Purchase Order or contract modification occurs between the Vendor and the TIPS Member, TIPS must be notified within five (5) business days of receipt of change order.

Termination for Convenience of TIPS Agreement Only
TIPS reserves the right to terminate this agreement for cause or no cause for convenience with a thirty (30) days prior written notice. Termination for convenience is conditionally required under Federal Regulations 2 CFR part 200 if the customer is using federal funds for the procurement. All purchase orders presented to the Vendor, but not fulfilled by the Vendor, by a TIPS Member prior to the actual termination of this agreement shall be honored at the option of the TIPS Member. The awarded Vendor may terminate the agreement with ninety (90) days prior written notice to TIPS 4845 US Hwy North, Pittsburg, Texas 75686. The vendor will be paid for goods and services delivered prior to the termination provided that the goods and services were delivered in accordance with the terms and conditions of the terminated agreement. This termination clause does not affect the sales agreements executed by the Vendor and the TIPS Member customer pursuant to this agreement. TIPS Members may negotiate a termination for convenience clause that meets the needs of the transaction based on applicable factors, such as funding sources or other needs.

TIPS Member Purchasing Procedures
Usually, purchase orders or their equal are issued by participating TIPS Member to the awarded vendor and should indicate on the order that the purchase is per the applicable TIPS Agreement Number. Orders are typically emailed to TIPS at tipspo@tips-usa.com.

- Awarded Vendor delivers goods/services directly to the participating member.

- Awarded Vendor invoices the participating TIPS Member directly.
- Awarded Vendor receives payment directly from the participating member.
- Fees are due to TIPS upon payment by the Member to the Vendor. Vendor agrees to pay the participation fee to TIPS for all Agreement sales upon receipt of payment including partial payment, from the Member Entity or as otherwise agreed by TIPS in writing and signed by an authorized signatory of TIPS.

Licenses

Awarded Vendor shall maintain, in current status, all federal, state and local licenses, bonds and permits required for the operation of the business conducted by awarded Vendor. Awarded Vendor shall remain reasonably fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of goods or services under the Agreement. TIPS and TIPS Members reserves the right to stop work and/or cancel an order or terminate this or any other sales Agreement of any awarded Vendor whose license(s) required for performance under this Agreement have expired, lapsed, are suspended or terminated subject to a 30-day cure period unless prohibited by applicable statue or regulation.

Novation

If awarded Vendor sells or transfers all assets, rights or the entire portion of the assets or rights required to perform this Agreement, a successor in interest must guarantee to perform all obligations under this Agreement. A simple change of name agreement will not change the Agreement obligations of awarded vendor. TIPS will consider Contract Assignments on a case by case basis. TIPS must be notified within five (5) business days of the transfer of assets or rights.

Site Requirements (*only when applicable to service or job*)

Cleanup: When performing work on site at a TIPS Member's property, awarded Vendor shall clean up and remove all debris and rubbish resulting from their work as required or directed by TIPS Member or as agreed by the parties. Upon completion of work, the premises shall be left in good repair and an orderly, neat, clean and unobstructed condition.

Preparation: Awarded Vendor shall not begin a project for which TIPS Member has not prepared the site, unless awarded Vendor does the preparation work at no cost, or until TIPS Member includes the cost of site preparation in a purchase order. Site preparation includes, but is not limited to: moving furniture, installing wiring for networks or power, and similar pre-installation requirements.

Registered sex offender restrictions: For work to be performed at schools, awarded Vendor agrees that no employee of a subcontractor who has been adjudicated to be a registered sex offender will perform work at any time when students are, or reasonably expected to be, present unless otherwise agreed by the TIPS Member. Awarded Vendor agrees that a violation of this condition shall be considered a material breach and may result in the cancellation of the purchase order at the TIPS Member's discretion. Awarded Vendor must identify any additional costs associated with compliance of this term. If no costs are specified, compliance with this term will be provided at no additional charge. **Safety measures:** Awarded Vendor shall take all reasonable precautions for the safety of employees on the worksite, and shall erect and properly maintain all necessary safeguards for protection of workers and the public. Awarded Vendor shall post warning signs against all hazards created by the operation and work in progress. Proper precautions shall be taken pursuant to state law and standard practices to protect workers, general public and existing structures from injury or damage.

Safety Measures

Awarded Vendor shall take all reasonable precautions for the safety of employees on the worksite, and shall erect and properly maintain all necessary safeguards for protection of workers and the public. Awarded

vendor shall post warning signs against all hazards created by the operation and work in progress. Proper precautions shall be taken pursuant to state law and standard practices to protect workers, general public and existing structures from injury or damage.

Smoking
Persons working under Agreement shall adhere to the TIPS Member's or local smoking statutes, codes or policies.

Marketing
Awarded Vendor agrees to allow TIPS to use their name and logo within TIPS website, marketing materials and advertisement subject to any reasonable restrictions provided to TIPS in the Proposal to the Solicitation. The Vendor may submit an acceptable use directive for Vendor's names and logos with which TIPS agrees to comply. Any use of TIPS name and logo or any form of publicity, inclusive of press release, regarding this Agreement by awarded vendor must have prior approval from TIPS which will not be unreasonably withheld. Request may be made by email to TIPS@TIPS-USA.COM.

Supplemental Agreements
The TIPS Member entity participating in the TIPS Agreement and awarded Vendor may enter into a separate Supplemental Agreement or contract to further define the level of service requirements over and above the minimum defined in this Agreement such as but not limited to, invoice requirements, ordering requirements, specialized delivery, etc. Any Supplemental Agreement or contract developed as a result of this Agreement is exclusively between the TIPS Member entity customer and the Vendor. TIPS, its agents, TIPS Members and employees not a party to the Supplemental Agreement with the TIPS Member customer, shall not be made party to any claim for breach of such agreement unless named and agreed by the Party in question in writing in the agreement. If a Vendor submitting a Proposal requires TIPS and/or TIPS Member to sign an additional agreement, those agreements shall comply with the award made by TIPS to the Vendor. Supplemental Vendor's Agreement documents may not become part of TIPS' Agreement with Vendor unless and until an authorized representative of TIPS reviews and approves it. TIPS review and approval may be at any time during the life of this Vendor Agreement. TIPS permits TIPS Members to negotiate additional terms and conditions with the Vendor for the provision of goods or services under the Vendor's TIPS Agreement so long as they do not materially conflict with this Agreement.

Survival Clause
All applicable sales, leases, Supplemental Agreements, contracts, software license agreements, warranties or service agreements that were entered into between Vendor and TIPS or the TIPS Member Customer under the terms and conditions of this Agreement shall survive the expiration or termination of this Agreement. All Orders, Purchase Orders issued or contracts executed by TIPS or a TIPS Member and accepted by the Vendor prior to the expiration or termination of this agreement, shall survive expiration or termination of the Agreement, subject to previously agreed terms and conditions agreed by the parties or as otherwise specified herein relating to termination of this agreement.

Legal obligations
It is the responding Vendor's responsibility to be aware of and comply with all local, state and federal laws governing the sale of products/services identified in the applicable Solicitation that resulted in this Vendor Agreement and any awarded Agreement thereof. Applicable laws and regulations must be followed even if not specifically identified herein.

Audit rights

Due to transparency statutes and public accountability requirements of TIPS and TIPS Members', the awarded Vendor shall, at their sole expense, maintain appropriate due diligence of all purchases made by TIPS Member that utilizes this Agreement. TIPS and Region 8 ESC each reserve the right to audit the accounting of TIPS related purchases for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. In order to ensure and confirm compliance with this agreement, TIPS shall have authority to conduct audits of Awarded Vendor's pricing or TIPS transaction documentation with TIPS Members with 30 days' notice unless the audit is ordered by a Court Order or by a Government Agency with authority to do so without notice. Notwithstanding the foregoing, in the event that TIPS is made aware of any pricing being offered to eligible entities that is materially inconsistent with the pricing under this agreement, TIPS shall have the ability to conduct the audit internally or may engage a third- party auditing firm to investigate any possible non- compliant conduct or may terminate the Agreement according to the terms of this Agreement. In the event of an audit, the requested materials shall be reasonably provided in the time, format and at the location acceptable to Region 8 ESC or TIPS. TIPS agrees not to perform a random audit the TIPS transaction documentation more than once per calendar year, but reserves the right to audit for just cause or as required by any governmental agency or court with regulatory authority over TIPS or the TIPS Member.

Force Majeure

If by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this Agreement then such party shall give notice and full particulars of Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, shall be suspended during the continuance of the inability then claimed, except as hereinafter provided, but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch.

Choice of Law

The Agreement between the Vendor and TIPS/ESC Region 8 and any addenda or other additions resulting from this procurement process, however described, shall be governed by, construed and enforced in accordance with the laws of the State of Texas, regardless of any conflict of laws principles.

Venue, Jurisdiction and Service of Process

Any Proceeding arising out of or relating to this procurement process or any contract issued by TIPS resulting from or any contemplated transaction shall be brought in a court of competent jurisdiction in Camp County, Texas and each of the parties irrevocably submits to the exclusive jurisdiction of said court in any such proceeding, waives any objection it may now or hereafter have to venue or to convenience of forum, agrees that all claims in respect of the Proceeding shall be heard and determined only in any such court, and agrees not to bring any proceeding arising out of or relating to this procurement process or any contract resulting from or any contemplated transaction in any other court. The parties agree that either or both of them may file a copy of this paragraph with any court as written evidence of the knowing, voluntary and freely bargained for agreement between the parties irrevocably to waive any objections to venue or to convenience of forum. Process in any Proceeding referred to in the first sentence of this Section may be served on any party anywhere in the world. Venue for any dispute resolution process, other than litigation, between TIPS and the Vendor shall be located in Camp or Titus County, Texas.

Project Delivery Order Procedures

The TIPS Member having approved and signed an interlocal agreement, or other TIPS Membership

document, may make a request of the awarded Vendor under this Agreement when the TIPS Member desires goods or services awarded to the Vendor. Notification may occur via phone, the web, courier, email, fax, or in person. Upon notification of a pending request, the awarded Vendor shall acknowledge the TIPS Member's request as soon as possible, but must make contact with the TIPS Member within two working days.

Status of TIPS Members as Related to This Agreement
TIPS Members stand in the place of TIPS as related to this agreement and have the same access to the proposal information and all related documents. TIPS Members have all the same rights under the awarded Agreement as TIPS.

Vendor's Resellers as Related to This Agreement
Vendor's Named Resellers ("Resellers") under this Agreement shall comply with all terms and conditions of this agreement and all addenda or incorporated documents. All actions related to sales by Authorized Vendor's Resellers under this Agreement are the responsibility of the awarded Vendor. If Resellers fail to report sales to TIPS under your Agreement, the awarded Vendor is responsible for their contractual failures and shall be billed for the fees. The awarded Vendor may then recover the fees from their named reseller.

Support Requirements
If there is a dispute between the awarded Vendor and TIPS Member, TIPS or its representatives may, at TIPS sole discretion, assist in conflict resolution if requested by either party. TIPS, or its representatives, reserves the right to inspect any project and audit the awarded Vendor's TIPS project files, documentation and correspondence related to the requesting TIPS Member's order. If there are confidentiality requirements by either party, TIPS shall comply to the extent permitted by law.

Incorporation of Solicitation
The TIPS Solicitation which resulted in this Vendor Agreement, whether a Request for Proposals, the Request for Competitive Sealed Proposals or Request for Qualifications solicitation, or other, the Vendor's response to same and all associated documents and forms made part of the solicitation process, including any addenda, are hereby incorporated by reference into this Agreement as if copied verbatim.

SECTION HEADERS OR TITLES
THE SECTON HEADERS OR TITLES WITHIN THIS DOCUMENT ARE MERELY GUIDES FOR CONVENIENCE AND ARE NOT FOR CLASSIFICATION OR LIMITING OF THE RESPONSIBILITES OF THE PARTIES TO THIS DOCUMENT.

STATUTORY REQUIREMENTS
Texas governmental entities are prohibited from doing business with companies that fail to certify to this condition as required by Texas Government Code Sec. 2270.

By executing this agreement, you certify that you are authorized to bind the undersigned Vendor and that your company (1) does not boycott Israel; and (2) will not boycott Israel during the term of the Agreement.

You certify that your company is not listed on and does not and will not do business with companies that are on the Texas Comptroller of Public Accounts list of Designated Foreign Terrorists Organizations per Texas Gov't Code 2270.0153 found at https://comptroller.texas.gov/purchasing/docs/foreign-terrorist.pdf

You certify that if the certified statements above become untrue at any time during the life of this Agreement that the Vendor will notify TIPS within three (3) business day of the change by a letter on Vendor's letterhead from and signed by an authorized representative of the Vendor stating the non-compliance decision and the TIPS Agreement number and description at:

Attention: General Counsel
ESC Region 8/The Interlocal Purchasing System (TIPS)
4845 Highway 271 North
Pittsburg, TX,75686
And by an email sent to bids@tips-usa.com

Insurance Requirements

The undersigned Vendor agrees to maintain the below minimum insurance requirements for TIPS Contract Holders:

General Liability	$1,000,000 each Occurrence/ Aggregate
Automobile Liability	$300,000 Includes owned, hired & non-owned
Workers' Compensation	Statutory limits for the jurisdiction in which the Vendor performs under this Agreement.
Umbrella Liability	$1,000,000

When the Vendor or its subcontractors are liable for any damages or claims, the Vendor's policy, when the Vendor is responsible for the claim, must be primary over any other valid and collectible insurance carried by the Member. Any immunity available to TIPS or TIPS Members shall not be used as a defense by the contractor's insurance policy. The coverages and limits are to be considered minimum requirements and in no way limit the liability of the Vendor(s). Insurance shall be written by a carrier with an A-; VII or better rating in accordance with current A.M. Best Key Rating Guide. Only deductibles applicable to property damage are acceptable, unless proof of retention funds to cover said deductibles is provided. "Claims made" policies will not be accepted. Vendor's required minimum coverage shall not be suspended, voided, cancelled, non-renewed or reduced in coverage or in limits unless replaced by a policy that provides the minimum required coverage except after thirty (30) days prior written notice by certified mail, return receipt requested has been given to TIPS or the TIPS Member if a project or pending delivery of an order is ongoing. Upon request, certified copies of all insurance policies shall be furnished to the TIPS or the TIPS Member.

Special Terms and Conditions

- **Orders:** All Vendor orders received from TIPS Members must be emailed to TIPS at tipspo@tips-usa.com. Should a TIPS Member send an order directly to the Vendor, it is the Vendor's responsibility to forward a copy of the order to TIPS at the email above within 3 business days and confirm its receipt with TIPS.
- **Vendor Encouraging Members to bypass TIPS agreement:** Encouraging TIPS Members to purchase directly from the Vendor or through another agreement, when the Member has requested using the TIPS cooperative Agreement or price, and thereby bypassing the TIPS Agreement is a violation of the terms and conditions of this Agreement and will result in removal of the Vendor from the TIPS Program.

- **Order Confirmation**: All TIPS Member Agreement orders are approved daily by TIPS and sent to the Vendor. The Vendor should confirm receipt of orders to the TIPS Member (customer) within 3 business days.
- **Vendor custom website for TIPS**: If Vendor is hosting a custom TIPS website, updated pricing when effective. TIPS shall be notified when prices change in accordance with the award.
- **Back Ordered Products**: If product is not expected to ship within the time provided to the TIPS Member by the Vendor, the Member is to be notified within 3 business days and appropriate action taken based on customer request.

The TIPS Vendor Agreement Signature Page is inserted here.

TIPS Vendor Agreement Signature Form

RFP 220107 Trades, Labor, and Materials (2 PART with JOC) PART 1 ONLY

Company Name National Works Inc.

Address 1078 San Marcos Hwy

City Luling State Tx Zip 78648

Phone 830-875-2770 Fax 830-875-2730

Email of Authorized Representative Mcarey@Nationalworks.com

Name of Authorized Representative Marijke Carey

Title Office Manager

Signature of Authorized Representative Marijke Carey

Date 02/11/2022

TIPS Authorized Representative Name David Fitts

Title Executive Director

TIPS Authorized Representative Signature David Wayne Fitts

Approved by ESC Region 8 David Wayne Fitts

Date 4/28/2022

NOTICE TO MEMBERS REGARDING ATTRIBUTE RESPONSES

TIPS VENDORS RESPOND TO ATTRIBUTE QUESTIONS AS PART OF TIPS COMPETITIVE SOLICITATION PROCESS. THE VENDOR'S RESPONSES TO ATTRIBUTE QUESTIONS ARE INCLUDED HEREIN AS "SUPPLIER RESPONSE." PLEASE BE ADVISED THAT DEVIATIONS, IF ANY, IN VENDOR'S RESPONSE TO ATTRIBUTE QUESTIONS MAY NOT REFLECT VENDOR'S FINAL ATTRIBUTE RESPONSE, WHICH IS SUBJECT TO NEGOTIATIONS PRIOR TO AWARD. PLEASE CONTACT THE TIPS OFFICE AT 866-839-8477 WITH QUESTIONS OR CONCERNS REGARDING VENDOR ATTRIBUTE RESPONSE DEVIATIONS. PLEASE KEEP IN MIND THAT TIPS DOES NOT PROVIDE LEGAL COUNSEL TO MEMBERS. TIPS RECOMMENDS THAT YOU CONSULT YOUR LEGAL COUNSEL WHEN EXECUTING CONTRACTS WITH OR MAKING PURCHASES FROM TIPS VENDORS.

220107 Addendum 1
National Works Inc.
Supplier Response

Event Information

Number: 220107 Addendum 1
Title: Trades, Labor, and Materials (2 Part with JOC)
Type: Request for Proposal
Issue Date: 1/6/2022
Deadline: 2/18/2022 03:00 PM (CT)
Notes: This is a 2 PART solicitation. PART 1 is for projects that are not considered construction or a public work. It includes, but is not limited to, parts, supplies, maintenance services and repairs. PART 2 Job Order Contract (JOC) is for projects considered construction or public work projects. The determination of whether or not a project requires a PART 2 JOC is the responsibility of the TIPS member entity. Vendors are encouraged to respond to BOTH PARTS 1 and 2 to meet the needs of our members, but responses to both parts is not required.

IF YOU ALREADY HOLD TIPS CONTRACT 200201 TRADES, LABOR AND MATERIALS (JOC) (“200201”) OR 210205 TRADES, LABOR AND MATERIALS (JOC) ("210205"), YOU DO NOT NEED TO RESPOND TO PART 2 OF THIS SOLICITATION UNLESS YOU WISH TO REPLACE 200201 OR 210205 AT THIS TIME. IF YOU HOLD 200201 OR 210205 YOU MAY RESPOND TO PART 1 TO OFFER NON-CONSTRUCTION GOODS AND SERVICES UNDER PART 1 ONLY. IF YOU HOLD 200201 OR 210205, CHOOSE TO RESPOND TO PART 2 HEREIN, AND ARE AWARDED ON PART

2 OF THIS CONTRACT, YOUR 200201 OR 210205 WILL BE TERMINATED AND REPLACED BY THIS CONTRACT.

IF YOU HOLD ANOTHER TIPS CONTRACT OTHER THAN 200201 OR 210205 WHICH COVERS ALL OF YOUR OFFERINGS AND YOU ARE SATISFIED WITH IT, THERE IS NO NEED TO RESPOND TO THIS CONTRACT UNLESS YOU PREFER TO HOLD MULTIPLE CONTRACTS.

TIPS RESERVES THE RIGHT TO ISSUE, REBID, OR CANCEL ANY PLANNED SOLICITATIONS AT ANY TIME AS NECESSARY FOR THE NEEDS OF TIPS, TIPS VENDORS, AND TIPS MEMBERS.

Contact Information

Address: Region 8 Education Service Center
4845 US Highway 271 North
Pittsburg, TX 75686
Phone: +1 (866) 839-8477
Email: bids@tips-usa.com

National Works Inc. Information

Contact: Marijke Carey
Address: 1078 San Marcos Hwy
Luling, TX 78648
Phone: (830) 875-2770
Fax: (830) 875-2730
Email: Mcarey@Nationalworks.com
Web Address: www.Nationalworks.com

By submitting your response, you certify that you are authorized to represent and bind your company.

Travis Allen
Signature

tallen@nationalworks.com
Email

Submitted at 2/18/2022 11:47:53 AM

Requested Attachments

Supplementary — SewperCoat Submittal Package.pdf

Supplementary information can be scanned and uploaded. (Company information, brochures, catalogs, etc.) (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

Vendor Agreement PART 1 ONLY — 220107 Vendor Agreement - PART 1 ONLY.pdf

The vendor must download the Vendor Agreement from the attachment tab, fill in the requested information and upload the completed agreement.
DO NOT UPLOAD encrypted or password protected files.

Agreement Signature Form PART 1 ONLY — TIPS Vendor Agreement Signature Form.pdf

If you have not taken exception or deviation to the agreement language in the solicitation attributes, download the AGREEMENT SIGNATURE FORM from the "ATTACHMENTS" tab. This PDF document is a fillable form. Download the document to your computer, fill in the requested company information, print the file, SIGN the form, SCAN the completed and signed AGREEMENT SIGNATURE FORM, and upload here.
If you have taken exception to any of the agreement language and noted the exception in the deviations section of the attributes for the agreement, complete the AGREEMENT SIGNATURE FORM, but DO NOT SIGN until those deviations have been negotiated and resolved with TIPS management. Upload the unsigned form here, because this is a required document.

Vendor Agreement PART 2 ONLY — Vendor Agreement JOC_PART 2 ONLY.pdf

If proposing on Part 2, the vendor must download the Vendor Agreement from the attachment tab, fill in the requested information and upload the completed agreement.
DO NOT UPLOAD encrypted or password protected files.

Warranty — SewperCoat 10 Year Limited Warranty.pdf

Warranty information (if applicable) must be scanned and uploaded. (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

Agreement Signature Form PART 2 ONLY — TIPS Vendor Agreement Signature Form - 2 Part.pdf

If proposing on Part 2, the vendor must download the Vendor Agreement from the attachment tab, fill in the requested information and upload the completed agreement.
DO NOT UPLOAD encrypted or password protected files.

Pricing Form 1 PART 1 ONLY — 220107 Pricing Form 1 PART 1 ONLY (1).xlsx

The vendor must download the PRICING SPREADSHEET SHEET from the attachment tab, fill in the requested information and upload the completed spreadsheet.
DO NOT UPLOAD encrypted or password protected files.

D/M/WBE Certification OPTIONAL *No response*

D/M/WBE Certification documentation may be scanned and uploaded if you desire to claim your status as one of the identified enterprises. (Disadvantaged Business Enterprise, Minority Business Enterprise and/or Woman Business Enterprise) If vendor has more than one certification scan into one document. (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

Pricing Form 2 PART 1 ONLY 220107 Pricing Form 2 PART 1 ONLY (1).xlsx

The vendor must download the PRICING SPREADSHEET SHEET from the attachment tab, fill in the requested information and upload the completed spreadsheet.
DO NOT UPLOAD encrypted or password protected files.

OPTIONAL PRICING EXHIBIT XACTIMATE UNIT PRICE BOOK PART 2 ONLY *No response*

PROPOSERS MAY SUBMIT ATTACHMENT ENTITLED “Optional Pricing Exhibit Xactimate Unit Price Book” AS AN ADDITIONAL PRICING METHOD TO THE REQUIRED RS MEANS METHOD. You may not offer Xactimate Pricing in lieu of RS Means Pricing and doing so will disqualify you. If you submit Xactimate as an additional option for pricing, it will be averaged with the score assigned for RS Means to arrive at your final pricing score during evaluation of your proposal.

OPTIONAL - PART 2 - JOC Pricing of Itemized List of RS Means Non-Prepriced Items *No response*

The Vendor may download the optional Pricing of Itemized List of RS Means Non-Prepriced Items form from the attachment tab, fill in the requested information, and upload the completed spreadsheet. DO NOT UPLOAD encrypted or password protected files.

Reference Form (PARTS 1 & 2) 220107 Reference_Form (1).xls

Valid Reference Email addresses are REQUIRED on the spreadsheet. The vendor must download the References spreadsheet from the attachment tab, fill in the requested information and upload the completed spreadsheet. DO NOT UPLOAD encrypted or password protected files.

Proposed Goods and Services 2020 NWI Line Sheet.pdf

Please upload one or more documents or sheets describing your offerings, line cards, catalogs, links to offerings OR list links to your offerings that illustrate the catalog of proposed lines of goods and or services you carry and offer under this proposal. It does not have to be exhaustive but should, at a minimum tell us what you are offering. It could be as simple as a sheet with your link to your online catalog of goods and services.

All Other Certificates SCTRCA 2022.pdf

All Other Certificates (if applicable) must be scanned and uploaded. If vendor has more than one other certification scan into one document. (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

Logo and Other Company Marks logo.jpg

Conflict of Interest Form CIQ- ONLY REQUIRED IF A CONFLICT EXISTS PER THE INSTRUCTIONS *No response*

ONLY REQUIRED IF A CONFLICT EXISTS PER THE INSTRUCTIONS
Conflict of Interest Form for Vendors that are required to submit the form. The Conflict of Interest Form is included in the Base documents or can be found at https://www.tips-usa.com/assets/documents/docs/CIQ.pdf.

Certificate of Corporate Offerer - COMPLETE ONLY IF OFFERER IS A CORPORATION Certification by Corporate Offerer.pdf

COMPLETE AND UPLOAD FORM IN ATTACHMENTS SECTION ONLY IF OFFERER IS A CORPORATION

Lobbying Report Standard Form-LLL, “disclosure Form to Report Lobbying,” *No response*

If you answered "I HAVE Lobbied per above" to attribute #66, please download and complete and upload the Standard Form-LLL, “disclosure Form to Report Lobbying,” in the Response attachments section.

Confidentiality Form Required Confidential Information Status Form.pdf

REQUIRED CONFIDENTIALITY FORM. Complete the form according to your company requirements, make any desired attachments and upload to the appropriate section under "Response Attachments" THIS FORM DETERMINES HOW ESC8/TIPS RESPONDS TO LEGAL PUBLIC INFORMATION REQUESTS.

Bonding Capacity Letter from Surety/Insurance Company National Works bond letter 2-7-2022.pdf

REQUIRED IF YOU ARE PROPOSING ON PART 2 -Attach the Bonding Capacity Letter from Surety/Insurance Company. if you do not have one available at time of proposal, attached a letter stating it will be submitted when received to prove bonding capacity. No award can be made until official bonding capacity letter is received by TIPS.

Current W-9 Tax Form W-9.pdf

You are required by TIPS to upload a current W-9 Internal Revenue Service (IRS) Tax Form for your entity. This form will be utilized by TIPS to properly identify your entity.

Response Attachments

NATIONAL WORKS SERVICES PRICE SHEET.xlsx

NATIONAL WORKS SERVICES PRICE SHEET

Bid Attributes

1	**Yes - No** Disadvantaged/Minority/Women Business Enterprise - D/M/WBE/Federal HUBZone (Required by some participating governmental entities). Vendor certifies that their firm is a D/M/WBE or HUBZone? Vendor must upload proof of certification to the ”Response Attachments” D/M/WBE CERTIFICATES section. No
2	**Yes - No** Historically Underutilized Business - HUB (Required by some participating governmental entities) Vendor certifies that their firm is a HUB as defined by the State of Texas at https://comptroller.texas.gov/purchasing/vendor/hub/. Proof may be submitted. Vendor must upload proof of certification to the “Response Attachments” HUB CERTIFICATES section. No
3	**Yes - No** The Vendor can provide services and/or products to all 50 US States? No
4	**States Served:** If answer is NO to question #3, please list which states can be served. (Example: AR, OK, TX) TX,LA,OK
5	**Company and/or Product Description:** This information will appear on the TIPS website in the company profile section, if awarded a TIPS contract. (Limit 750 characters.) National Works, Inc. is a sewer service company specializing in no-dig technologies and the premier Texas applicator for Sewpercoat. Whether you need cleaning and televising, new manholes coated or an old lift station rehabilitated, we are here to fulfill all your sewer needs. Quality work and exceptional service are the pillars upon which National Works, Inc. is founded. Led under the experienced direction of Greg Seely, this family owned and operated business takes care of our customers and all of their sewer needs.
6	**Primary Contact Name** Primary Contact Name Travis Allen

7	**Primary Contact Title** Primary Contact Title Director of Business Development
8	**Primary Contact Email** Primary Contact Email tallen@nationalworks.com
9	**Primary Contact Phone** Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 2106215306
10	**Primary Contact Fax** Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 *No response*
11	**Primary Contact Mobile** Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 2106215306
12	**Secondary Contact Name** Secondary Contact Name Marijke Carey
13	**Secondary Contact Title** Secondary Contact Title Office Manager
14	**Secondary Contact Email** Secondary Contact Email mcarey@nationalworks.com
15	**Secondary Contact Phone** Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 2106308997
16	**Secondary Contact Fax** Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 *No response*

17 **Secondary Contact Mobile**

Enter 10 digit phone number. (No dashes or extensions)
Example: 8668398477

No response

18 **Admin Fee Contact Name**

Admin Fee Contact Name. This person is responsible for paying the admin fee to TIPS.

Marijke Carey

19 **Admin Fee Contact Email**

Admin Fee Contact Email

mcarey@nationalworks.com

20 **Admin Fee Contact Phone**

Enter 10 digit phone number. (No dashes or extensions)
Example: 8668398477

2106308997

21 **Purchase Order Contact Name**

Purchase Order Contact Name. This person is responsible for receiving Purchase Orders from TIPS.

Marijke Carey

22 **Purchase Order Contact Email**

Purchase Order Contact Email

mcarey@nationalworks.com

23 **Purchase Order Contact Phone**

Enter 10 digit phone number. (No dashes or extensions)
Example: 8668398477

2106308997

24 **Company Website**

Company Website (Format - www.company.com)

http://www.national-works.com/

25 **Entity D/B/A's and Assumed Names**

Please identify all of your entity's assumed names and D/B/A's. Please note that you will be identified publicly by the legal name under which you responded to this solicitation unless you organize otherwise with TIPS after award.

National Works, Inc.

26 **Primary Address**

Primary Address

1078 SAN MARCOS HWY

27 **Primary Address City**

Primary Address City

LULING

28 **Primary Address State**

Primary Address State (2 Digit Abbreviation)

TX

29 **Primary Address Zip**

Primary Address Zip

78648

30 **Search Words:**

Please list search words to be posted in the TIPS database about your company that TIPS website users might search. Words may be product names, manufacturers, or other words associated with the category of award. YOU MAY NOT LIST NON-CATEGORY ITEMS. (Limit 500 words) (Format: product, paper, construction, manufacturer name, etc.)

sewpercoat, manhole rehab, manholes, lift station, lift station rehab, lift station coating, manhole coating, epoxy, cementitious, cleaning, televising, cctv, storm cleaning, sanitary sewer, storm sewer, wet well, wet well cleaning, wet well rehab

31 **Do you want TIPS Members to be able to spend Federal grant funds with you if awarded? Is it your intent to be able to sell to our members regardless of the fund source, whether it be local, state or federal?**

Most of our members receive Federal Government grants or other funding and they make up a significant portion of their budgets. The Members need to know if your company is willing to sell to them when they spend federal budget funds on their purchase. There are attributes that follow that include provisions from the federal regulations in 2 CFR part 200, etc. Your answers will determine if your award will be designated as eligible for TIPS Members to utilize federal funds with your company.

Do you want TIPS Members to be able to spend Federal funds, at the Member's discretion, with you?

Yes

32 **Yes - No**

Certification of Residency - The vendor's ultimate parent company or majority owner:

(A) has its principal place of business in Texas;

OR

(B) employs at least 500 persons in Texas?

This question is required as a data gathering function for information to our members making purchases with awarded vendors. Does not affect scoring with TIPS.

Yes

33 **Company Residence (City)**

Vendor's principal place of business is in the city of?

LULING

34 **Company Residence (State)**

Vendor's principal place of business is in the state of?

Texas

35 **Discount Offered - CAUTION READ CAREFULLY BECAUSE VENDORS FREQUENTLY MAKE MISTAKES ON THIS ATTRIBUTE QUESTION**

Remember this is a ***MINIMUM*** discount percentage. So, be sure that the discount percentage inserted here can be applied to ANY OFFERING OF GOODS OR SERVICES THROUGHOUT THE LIFE OF THE CONTRACT.

CAUTION: BE CERTAIN YOU CAN HONOR THIS ***MINIMUM*** DISCOUNT PERCENTAGE ON ANY OFFERED SERVICE OR GOOD NOW OR DURING THE LIFE OF THE CONTRACT.

If awarded on PART 1, what is the ***MINIMUM*** percentage discount off of any item or service you offer to TIPS Members that is in your regular catalog (as defined in the solicitation specifications document), website, store or shelf pricing or when adding new goods or services to your offerings during the life of the contract? The resulting price of any goods or services Catalog list prices after this discount is applied is a ceiling on your pricing and not a floor because, in order to be more competitive in the individual circumstance, you may offer a larger discount depending on the items or services purchased and the quantity at time of sale. Please note that any specific greater discount offered for a particular product, brand, or service listed in Vendor's proposal will control and Vendor will be required to honor that greater specific discount, in excess of the minimum discount, for that particular product, brand, or service for the life of the contract.

Must answer with a number between 0% and 100%.

10%

36 **MINIMUM Discount Term**

If awarded on PART 1, does the vendor agree to at least offer, for the life of the Agreement, the Minimum Discount Percentage off list or catalog proposed by Vendor in response to the Attribute entitled "Discount Offered - CAUTION READ CAREFULLY BECAUSE VENDORS FREQUENTLY MAKE MISTAKES ON THIS ATTRIBUTE QUESTION"? TIPS will utilize this response to satisfy the Long Term Cost scoring evaluation criteria on PART 1. A "YES" answer will be awarded the maximum 10 points for this criterion out of the 100 total points and a "NO" answer is awarded 0 points.

YES

37 **Yes - No**

If awarded on Part 1 of the TIPS Contract, for the duration of the Contract, Vendor agrees to provide, upon request, their then current catalog pricing, as defined in the solicitation and below, to TIPS upon request for any goods and services offered on PART 1 of the Vendor's TIPS Contract, if any.

"Catalog" means the available list of tangible personal property or services, in the most current listing, regardless of date, during the life of the contract, that takes the form of a catalog, price list, schedule, shelf price or other form that:

A. is regularly maintained by the manufacturer or Vendor of an item; and
B. is either published or otherwise available for inspection by a customer during the purchase process;
C. to which the minimum discount proposed by the proposing Vendor may be applied.

YES

38	**TIPS administration fee** By submitting a proposal, I agree that all pricing submitted to TIPS shall include the participation fee, as designated in the solicitation or as otherwise agreed in writing and shall be remitted to TIPS by the Vendor or the vendor's named resellers and as agreed in the Vendor agreement. I agree that the fee shall not and will not be added by the vendor as a separate line item on a TIPS member invoice, quote, proposal or any other written communications with the TIPS member.

39	**REQUIRED FOR PART 2 JOC - PRICING OF Regular Hours Coefficient** **What is your regular hours coefficient for the RS Means Price Book? (FAILURE TO RESPOND PROHIBITS PART 2 JOC EVALUATION)** Remember that this is a ceiling price proposed. You can discount lower than your proposed contract coefficient, but not higher. This is one of three pricing questions that are required for consideration for award on this solicitation. Please consider your answer carefully. An explanation of the TIPS scoring of pricing is included in the attachments for your information. The below is an Example of how pricing model works (not intended to influence your proposed coefficient, you should propose a coefficient that you determine is right for your business): To propose the exact pricing as the RS Means Unit Price Book, you would insert a 1.0 and to propose a 5% discount for the RS Means Price Book would be a .95 regular hours coefficient and so on. 1.15

40	**REQUIRED FOR PART 2 JOC - PRICING OF After Hours Coefficient** **What is your after hours coefficient for the RS Means Price Book for work performed after normal working hours? (FAILURE TO RESPOND PROHIBITS PART 2 JOC EVALUATION)** Remember that this is a ceiling price proposed. You can discount to any TIPS Member customer a lower coefficient than your proposed contract coefficient, but not higher. This is one of three pricing questions that are required for consideration for award on this solicitation. Please consider your answer carefully. An explanation of the TIPS scoring of pricing titled "Pricing Coefficient Instruction" is included in the attachments for your information. The below is an EXAMPLE of how the pricing model works (It is not intended to influence your proposed coefficient, you should propose a coefficient that you determine is reasonable for your business for the life of the contract): The most common after hours coefficient is time and a half of the RS Means Unit Price Book prices. To illustrate this coefficient, if your regular hours coefficient is .95, your after hours coefficient would be 1.45. 1.65

41 **REQUIRED FOR 2 PART JOC - PRICING for Markup of Non-Prepriced Items in RS Means Unit Price Book**

YOU MUST ENTER A PERCENTAGE NOT A COEFFICIENT.

What is your proposed Markup Percentage on materials not found in the RS Means Price Book? (FAILURE TO RESPOND PROHIBITS PART 2 JOC EVALUATION)

If any materials being utilized for a project cannot be found in the RS Means Price Book, this question is what is the markup percentage on those materials?

When answering this question please insert the number that represents your percentage of proposed markup. **YOU MUST ENTER A PERCENTAGE NOT A COEFFICIENT.**

Example: if you are proposing a 30 percent markup, please insert the number "30".

Remember that this is a ceiling markup. You may markup a lesser percentage to the TIPS Member customer when pricing the project, but not a greater percentage.

EXAMPLE: You need special materials that are not in the RS Means Unit Price Book for a project. You would buy the materials and mark them up to the TIPS Member customer by the percentage you propose in this question. If the materials cost you, the contractor, $100 and you proposed a markup on this question for the material of 30 percent, then you would charge the TIPS Member customer $130 for the materials.

YOU MUST ENTER A PERCENTAGE NOT A COEFFICIENT

40%

42 **Yes - No**

Vendor agrees to remit to TIPS the required administration fee or, if resellers are named, guarantee the fee remittance by or for the reseller named by the vendor?

TIPS/ESC Region 8 is required by Texas Government Code § 791 to be compensated for its work and thus, failure to agree shall render your response void and it will not be considered.

Agreed

43 **TIPS Administration Fee Paid by Vendor - Not Charged to Customer**

Vendor understands and agrees that it owes TIPS a TIPS Administration Fee (published in the RFP/RCSP document) on every TIPS sale made under an awarded TIPS Contract. Vendor further understands and agrees that Vendor shall submit pricing with this proposal which includes and accounts for the TIPS Administration Fee and ***shall never*** separately charge the TIPS Member Customer the TIPS fee or add the TIPS Administration Fee line item to an invoice or similar purchase document. Submission of this proposal is Vendor's certification that Vendor agrees to this mandatory term.

44 **Yes - No**

Do you offer additional discounts to TIPS members for large order quantities or large scope of work?

Yes

45 **Years in Business as Proposing Company**

Years in business as proposing company?

30

46 **Resellers:**

If awarded on PART 1, does the vendor have resellers that it will name under this contract?

Resellers are defined as other companies that sell your products under an agreement with you, as the awarded vendor of TIPS.

EXAMPLE: BIGmart is a reseller of ACME brand televisions. If ACME were a TIPS awarded vendor, then ACME would list BIGmart as a reseller.

(Resellers are only permitted under a PART 1 award. If applicable, Vendor should add all Authorized Resellers within the TIPS Vendor Portal upon award).

No

47 **Right of Refusal**

The proposing vendor has the right not to sell under the awarded agreement with a TIPS member at vendor's discretion unless required by law.

48 **NON-COLLUSIVE BIDDING CERTIFICATE**

By submission of this bid or proposal, the Bidder certifies that:

1) This bid or proposal has been independently arrived at without collusion with any other Bidder or with any Competitor;

2) This bid or proposal has not been knowingly disclosed and will not be knowingly disclosed, prior to the opening of bids, or proposals for this project, to any other Bidder, Competitor or potential competitor:

3) No attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal;

4) The person signing this bid or proposal certifies that he has fully informed himself regarding the accuracy of the statements contained in this certification, and under the penalties being applicable to the Bidder as well as to the person signing in its behalf.

Not a negotiable term. Failure to agree will render your proposal non-responsive and it will not be considered.

49 **CONFLICT OF INTEREST QUESTIONNAIRE - FORM CIQ -Do you have any CONFLICT OF INTEREST TO REPORT OR DISCLOSE under this statutory requirement?**

Do you have any CONFLICT OF INTEREST TO REPORT OR DISCLOSE under this statutory requirement? YES or NO

If you have a conflict of interest as described in this form or the Local Government Code Chapter 176, cited therein- you are required to complete and file with TIPS.
The Form CIQ is one of the attachments to this solicitation.

There is an optional upload for this form provided if you have a conflict and must file the form

No

50	**Filing of Form CIQ** If yes (above), have you filed a form CIQ by uploading the form to this RFP as directed above? *No response*
51	**Regulatory Standing** I certify to TIPS for the proposal attached that my company is in good standing with all governmental agencies Federal or state that regulate any part of our business operations. If not, please explain in the next attribute question. Yes
52	**Regulatory Standing** Regulatory Standing explanation of no answer on previous question. *No response*
53	**Antitrust Certification Statements (Tex. Government Code § 2155.005)** By submission of this bid or proposal, the Bidder certifies that: I affirm under penalty of perjury of the laws of the State of Texas that: (1) I am duly authorized to execute this contract on my own behalf or on behalf of the company, corporation, firm, partnership or individual (Company) listed below; (2) In connection with this bid, neither I nor any representative of the Company has violated any provision of the Texas Free Enterprise and Antitrust Act, Tex. Bus. & Comm. Code Chapter 15; (3) In connection with this bid, neither I nor any representative of the Company has violated any federal antitrust law; (4) Neither I nor any representative of the Company has directly or indirectly communicated any of the contents of this bid to a competitor of the Company or any other company, corporation, firm, partnership or individual engaged in the same line of business as the Company.

54 Suspension or Debarment Instructions

Instructions for Certification:

1. By answering yes to the next Attribute question below, the vendor and prospective lower tier participant is providing the certification set out herein in accordance with these instructions.

2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification in addition to other remedies available to the federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and / or debarment.

3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

4. The terms “covered transaction,” “debarred,” “suspended,” “ineligible,” “lower tier covered transaction,” “participants,” “person,” “primary covered transaction,” “principal,” “proposal” and “voluntarily excluded,” as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.

5. The prospective lower tier participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled “Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction” without modification in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.

8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and / or debarment.

55 Suspension or Debarment Certification

By answering yes, you certify that no federal suspension or debarment is in place, which would preclude receiving a federally funded contract as described above.

Yes

56 **Non-Discrimination Statement and Certification**

In accordance with Federal civil rights law, all U.S. Departments, including the U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at How to File a Program Discrimination Complaint and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3)
email: program.intake@usda.gov.

(Title VI of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975; Title 7 CFR Parts 15, 15a, and 15b; the Americans with Disabilities Act; and FNS Instruction 113-1, Civil Rights Compliance and Enforcement – Nutrition Programs and Activities)

All U.S. Departments, including the USDA are equal opportunity provider, employer, and lender.

Not a negotiable term. Failure to agree will render your proposal non-responsive and it will not be considered. I certify that in the performance of a contract with TIPS or its members, that our company will conform to the foregoing anti-discrimination statement and comply with the cited and all other applicable laws and regulations.

☑ Yes, I certify (Yes)

57 **2 CFR PART 200 Contract Provisions Explanation**

Required Federal contract provisions of Federal Regulations for Contracts for contracts with ESC Region 8 and TIPS Members:

The following provisions are required to be in place and agreed if the procurement is funded in any part with federal funds.

The ESC Region 8 and TIPS Members are the subgrantee or Subrecipient by definition. Most of the provisions are located in 2 CFR PART 200 - Appendix II to Part 200—Contract Provisions for Non-Federal Entity Contracts Under Federal Awards at 2 CFR PART 200. Others are included within 2 CFR part 200 et al.

In addition to other provisions required by the Federal agency or non-Federal entity, all contracts made by the non-Federal entity under the Federal award must contain provisions covering the following, as applicable.

58

2 CFR PART 200 Contracts

Contracts for more than the simplified acquisition threshold currently set at $250,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

Notice: Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

Does vendor agree?

Yes

59

2 CFR PART 200 Termination

Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of $10,000)

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members reserves the right to terminate any agreement in excess
of $10,000 resulting from this procurement process for cause after giving the vendor an appropriate opportunity and up to 30 days, to cure the causal breach of terms and conditions. ESC Region 8 and
TIPS Members reserves the right to terminate any agreement in excess of $10,000 resulting from this procurement process for convenience with 30 days notice in writing to the awarded vendor. The vendor
would be compensated for work performed and goods procured as of the termination date if for convenience of the ESC Region 8 and TIPS Members. Any award under this procurement process is not exclusive and the ESC Region 8 and TIPS reserves the right to purchase goods and services from other vendors when it is in the best interest of the ESC Region 8 and TIPS.

Does vendor agree?

Yes

60

2 CFR PART 200 Clean Air Act

Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—Contracts and subgrants of amounts in excess of $150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

Pursuant to the Clean Air Act, et al above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members requires that the proposer certify that during the term of
an award by the ESC Region 8 and TIPS Members resulting from this procurement process the vendor agrees to comply with all of the above regulations, including all of the terms listed and referenced therein.

Does vendor agree?

Yes

61

2 CFR PART 200 Byrd Anti-Lobbying Amendment

Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding $100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members requires the proposer certify that during the term and during the life of any contract with ESC Region 8 and TIPS Members resulting from this procurement process the vendor certifies to the terms included or referenced herein.

Does vendor agree?

Yes

62

2 CFR PART 200 Federal Rule

Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of $250,000)

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members requires the proposer certify that in performance of the contracts, subcontracts, and subgrants of amounts in excess of $250,000, the vendor will be in compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15).

Does vendor certify that it is in compliance with the Clean Air Act?

Yes

63

2 CFR PART 200 Procurement of Recovered Materials

A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with
maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

Does vendor certify that it is in compliance with the Solid Waste Disposal Act as described above?

Yes

64

2 CFR PART 200 Rights to Inventions

If the Federal award meets the definition of “funding agreement” under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.

Pursuant to the above, when the foregoing applies to ESC Region 8 and TIPS Members, Vendor certifies that during the term of an award resulting from this procurement process, Vendor agrees to comply with all applicable requirements as referenced in the Federal rule above.

Does vendor agree?

Yes

65

2 CFR PART 200 Domestic Preferences for Procurements

As appropriate and to the extent consistent with law, the non-Federal entity should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subawards including all contracts and purchase orders for work or products under this award. For purposes of 2 CFR Part 200.322, “Produced in the United States” means, for iron and steel products, that all manufacturing processes, from the initial melting stag through the application of coatings, occurred in the United States. Moreover, for purposes of 2 CFR Part 200.322, “Manufactured products” means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum, plastics and polymer-based products such as polyvinyl chloride pipe, aggregates such as concrete, glass, including optical fiber, and lumber.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, Vendor certifies that to the greatest extent practicable Vendor will provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

Does vendor agree?

Yes

66

2 CFR PART 200 Ban on Foreign Telecommunications

Federal grant funds may not be used to purchase equipment, services, or systems that use “covered telecommunications” equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. “Covered telecommunications” means purchases from Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities), and video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, Vendor certifies that Vendor will not purchase equipment, services, or systems that use “covered telecommunications”, as defined by 2 CFR §200.216 equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

Does vendor agree?

Yes

67	**2 CFR PART 200 Equal Employment Opportunity** Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members on any federally assisted construction contract, the equal opportunity clause is incorporated by reference herein. Does vendor agree? Yes
68	**2 CFR PART 200 Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708)** [*Applicable ONLY to contracts in excess of $100,000 involving mechanics or laborers*.] Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members on qualifying contracts, Vendor certifies that Vendor will be in compliance with all applicable provisions of the Contract Work Hours and Safety Standards Act during the term of an award for all contracts by the District resulting from this procurement process. Does vendor agree? Yes
69	**2 CFR PART 200 Contract Cost & Price** For contracts more than the simplified acquisition threshold currently set at $250,000, a TIPS Member may, in very rare circumstances, be required to negotiate profit as a separate element of the price pursuant to 2 C.F.R. 200.324(b). Under those circumstances, Vendor agrees to provide information and negotiate with the TIPS Member regarding profit as a separate element of the price. However, Vendor certifies that the total price charged by the Vendor shall not exceed the Vendor's TIPS pricing and pricing terms proposed. Does Vendor Agree? Yes

70	**FEMA Fund Certifications** Submission of this proposal is Vendor's certification that Vendor agrees to this term. Vendor certifies that **IF and when** Vendor accepts a TIPS purchase paid for in full or part with FEMA funds, Vendor certifies that: (1) Vendor agrees to provide the TIPS Member, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to and rights to reproduce any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions. The Vendor agrees to provide the FEMA Administrator or an authorized representatives access to construction or other work sites pertaining to the work being completed under the contract. Vendor acknowledges and agrees that no language in this contract or the contract with the TIPS Member is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States. (2) The Vendor shall not use the Department of Homeland Security's seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval. (3) The Vendor will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives. (4) The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract. (5) The Vendor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Vendor's actions pertaining to this contract.
71	**Certification of Compliance with the Energy Policy and Conservation Act** When appropriate and to the extent consistent with the law, Vendor certifies that it will comply with the Energy Policy and Conservation Act (42 U.S.C. 6321 et seq; 49 C.F.R. Part 18) and any mandatory standards and policies relating to energy efficiency which are contained in applicable state energy conservation plans issued in compliance with the Act. Does Vendor agree? Yes

72	**Certification Regarding Lobbying** Applicable to Grants, Subgrants, Cooperative Agreements, and Contracts Exceeding $100,000 in Federal Funds Submission of this certification is a prerequisite for making or entering into this transaction and is imposed by section 1352, Title 31, U.S. Code. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure. The undersigned certifies, to the best of his or her knowledge and belief, that: (1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement. (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, “disclosure Form to Report Lobbying,” in accordance with its instructions. (3) The undersigned shall require that the language of this certification be included in the award documents for all covered subawards exceeding $100,000 in Federal funds at all appropriate tiers and that all subrecipients shall certify and disclose accordingly. I HAVE NOT Lobbied per above
73	**Lobbying Report Standard Form-LLL, “disclosure Form to Report Lobbying,”** ONLY IF you answered "I HAVE Lobbied per above" to attribute above titled "**Certification Regarding Lobbying**", please download and complete and upload the Standard Form-LLL, “disclosure Form to Report Lobbying,” in the Response attachments section.
74	**Subcontracting with small and minority businesses, women's business enterprises, and labor surplus area firms.** Do you ever anticipate the possibility of subcontracting any of your work under this award if you are successful? IF NO, DO NOT ANSWER THE NEXT ATTRIBUTE QUESTION. . IF YES, and ONLY IF YES, you must answer the next question YES if you want a TIPS Member to be authorized to spend Federal Grant Funds for Procurement. NO

75	**ONLY IF YES TO THE PREVIOUS QUESTION OR if you ever do subcontract any part of your performance under the TIPS Agreement, do you agree to comply with the following federal requirements?** ONLY IF YES TO THE ABOVE QUESTIONS OR if you ever do subcontract any part of your performance under the TIPS Agreement, do you agree to comply with the following federal requirements? Federal Regulation 2 CFR §200.321 Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms. (a)The non-Federal entity must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible. (b) Affirmative steps must include:(1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists; (2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources; (3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises; (4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; (5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce ; and (6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs(1) through (5) of this section. *No response*

76	**If proposing on PART 2, Davis-Bacon Act compliance.** IF proposing on PART 2, Texas Statute requires compliance with Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part S, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act {40 U.S.C. 314S), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. BY SUBMITTING A PROPOSAL FOR PART 2 OF THIS SOLICITATION, the Vendor agrees, AS REQUIRED BY LAW, to comply with the Davis Bacon Act, IF APPLICABLE and if proposing on PART 2 of this solicitation.

77 **Indemnification**

The ESC Region 8 and TIPS is a Texas Political Subdivision and a local governmental entity; therefore, is prohibited from indemnifying third parties pursuant to the Texas Constitution (Article 3, Section 52) except as specifically provided by law or as ordered by a court of competent jurisdiction. A provision in a contract to indemnify or hold a party harmless is a promise to pay for any expenses the indemnified party incurs, if a specified event occurs, such as breaching the terms of the contract or negligently performing duties under the contract. Article III, Section 49 of the Texas Constitution states that "no debt shall be created by or on behalf of the State ... " The Attorney General has counseled that a contractually imposed obligation of indemnity creates a "debt" in the constitutional sense. Tex. Att'y Gen. Op. No. MW-475 (1982). Contract clauses which require the System or institutions to indemnify must be deleted or qualified with "to the extent permitted by the Constitution and Laws of the State of Texas." Liquidated damages, attorney's fees, waiver of vendor's liability, and waiver of statutes of limitations clauses should also be deleted or qualified with "to the extent permitted by the Constitution and laws of State of Texas."

Do you agree to these terms?

☑ Yes, I Agree (Yes)

78 **Remedies**

The parties shall be entitled to exercise any right or remedy available to it either at law or in equity, subject to the choice of law, venue and service of process clauses limitations agreed herein. Nothing in this agreement shall commit the TIPS to an arbitration resolution of any disagreement under any circumstances. Any Claim arising out of or related to the Contract, except for those specifically waived under the terms of the Contract, may, after denial of the Board of Directors, be subject to mediation at the request of either party. Any issues not resolved hereunder MAY be referred to non-binding mediation to be conducted by a mutually agreed upon mediator as a prerequisite to the filing of any lawsuit over such issue(s). The parties shall share the mediator's fee and any associated filing fee equally. Mediation shall be held in Camp or Titus County, Texas. Agreements reached in mediation shall be reduced to writing, and will be subject to the approval by the District's Board of Directors, signed by the Parties if approved by the Board of Directors, and, if signed, shall thereafter be enforceable as provided by the laws of the State of Texas.

Do you agree to these terms?

Yes, I Agree

79 **Remedies Explanation of No Answer**

No response

80 **Choice of Law**

The agreement between the Vendor and TIPS/ESC Region 8 and any addenda or other additions resulting from this procurement process, however described, shall be governed by, construed and enforced in accordance with the laws of the State of Texas, regardless of any conflict of laws principles.
THIS DOES NOT APPLY to a vendor's agreement entered into with a TIPS Member, as the Member may be located outside Texas.

Do you agree to these terms?

Agreed

81 **Venue, Jurisdiction and Service of Process**

Any proceeding, involving Region 8 ESC or TIPS, arising out of or relating to this procurement process or any contract issued by TIPS resulting from or any contemplated transaction shall be brought in a court of competent jurisdiction in Camp County, Texas and each of the parties irrevocably submits to the exclusive jurisdiction of said court in any such proceeding, waives any objection it may now or hereafter have to venue or to convenience of forum, agrees that all claims in respect of the Proceeding shall be heard and determined only in any such court, and agrees not to bring any proceeding arising out of or relating to this procurement process or any contract resulting from or any contemplated transaction in any other court. The parties agree that either or both of them may file a copy of this paragraph with any court as written evidence of the knowing, voluntary and freely bargained for agreement between the parties irrevocably to waive any objections to venue or to convenience of forum. Process in any Proceeding referred to in the first sentence of this Section may be served on any party anywhere in the world. Any dispute resolution process other than litigation shall have venue in Camp County or Titus County Texas.

Do you agree to these terms?

Agreed

82 **Alternative Dispute Resolution Explanation of No Answer**

No response

83 **Infringement(s)**

The successful vendor will be expected to indemnify and hold harmless the TIPS and its employees, officers, agents, representatives, contractors, assignees and designees from any and all third party claims and judgments involving infringement of patent, copyright, trade secrets, trade or service marks, and any other intellectual or intangible property rights attributed to or claims based on the Vendor's proposal or Vendor’s performance of contracts awarded and approved.

Do you agree to these terms?

Yes, I Agree

84 **Infringement(s) Explanation of No Answer**

No response

85 **Acts or Omissions**

The successful vendor will be expected to indemnify and hold harmless the TIPS, its officers, employees, agents, representatives, contractors, assignees and designees from and against any and all liability, actions, claims, demands or suits, and all related costs, attorney's fees and expenses arising out of, or resulting from any acts or omissions of the vendor or its agents, employees, subcontractors, or suppliers in the execution or performance of any agreements
ultimately made by TIPS and the vendor.

Do you agree to these terms?

Yes, I Agree

86 **Acts or Omissions Explanation of No Answer**

No response

87 **Contract Governance**

Any contract made or entered into by the TIPS is subject to and is to be governed by Section 271.151 et seq, Tex Loc Gov't Code. Otherwise, TIPS does not waive its governmental immunities from suit or liability except to the extent expressly waived by other applicable laws in clear and unambiguous language.

☑ Yes, I Agree (Yes)

88 **Payment Terms and Funding Out Clause**

Payment Terms:

TIPS or TIPS members shall not be liable for interest or late payment fees on past due balances at a rate higher than permitted by the laws or regulations of the jurisdiction of the TIPS Member.

Funding Out Clause:

Vendor agrees to abide by the laws and regulations, including Texas Local Government Code § 271.903, or any statutory or regulatory limitations of the jurisdiction of any TIPS Member which governs contracts entered into by the Vendor and TIPS or a TIPS Member that requires all contracts approved by TIPS or a TIPS Member are subject to the budgeting and appropriation of currently available funds by the entity or its governing body.

See statute(s) for specifics or consult your legal counsel.

Not a negotiable term. Failure to agree will render your proposal non-responsive and it will not be considered.

Do you agree to these terms?

☑ Yes, I Agree (Yes)

89 **Insurance and Fingerprint Requirements Information**

Insurance

If applicable and your staff will be on TIPS member premises for delivery, training or installation etc. and/or with an automobile, you must carry automobile insurance as required by law. You may be asked to provide proof of insurance.

Fingerprint

It is possible that a vendor may be subject to Chapter 22 of the Texas Education Code. The Texas Education Code, Chapter 22, Section 22.0834 & 22.08341. Statutory language may be found at: http://www.statutes.legis.state.tx.us/

If the vendor has staff that meet both of these criterion:

(1) will have continuing duties related to the contracted services; and

(2) has or will have direct contact with students

Then you have ”covered” employees for purposes of completing the attached form.

TIPS recommends all vendors consult their legal counsel for guidance in compliance with this law. If you have questions on how to comply, see below. If you have questions on compliance with this code section, contact the Texas Department of Public Safety Non-Criminal Justice Unit, Access and Dissemination Bureau, FAST-FACT at NCJU@txdps.state.tx.us and you should send an email identifying you as a contractor to a Texas Independent School District or ESC Region 8 and TIPS. Texas DPS phone number is (512) 424-2474.

See form in the next attribute to complete entitled:
Texas Education Code Chapter 22 Contractor Certification for Contractor Employees

90

Texas Education Code Chapter 22 Contractor Certification for Contractor Employees

Introduction: Texas Education Code Chapter 22 requires entities that contract with school districts to provide services to obtain criminal history record information regarding covered employees. Contractors must certify to the district that they have complied. Covered employees with disqualifying criminal histories are prohibited from serving at a school district.

Definitions: Covered employees: Employees of a contractor or subcontractor who have or will have continuing duties related to the service to be performed at the District and have or will have direct contact with students. The District will be the final arbiter of what constitutes direct contact with students. Disqualifying criminal history: Any conviction or other criminal history information designated by the District, or one of the following offenses, if at the time of the offense, the victim was under 18 or enrolled in a public school:

(a) a felony offense under Title 5, Texas Penal Code; (b) an offense for which a defendant is required to register as a sex offender under Chapter 62, Texas Code of Criminal Procedure; or (c) an equivalent offense under federal law or the laws of another state.

I certify that:

NONE (Section A) of the employees of Contractor and any subcontractors are covered employees, as defined above. If this box is checked, I further certify that Contractor has taken precautions or imposed conditions to ensure that the employees of Contractor and any subcontractor will not become covered employees. Contractor will maintain these precautions or conditions throughout the time the contracted services are provided.

OR

SOME (Section B) or all of the employees of Contractor and any subcontractor are covered employees. If this box is checked, I further certify that:

(1) Contractor has obtained all required criminal history record information regarding its covered employees. None of the covered employees has a disqualifying criminal history.

(2) If Contractor receives information that a covered employee subsequently has a reported criminal history, Contractor will immediately remove the covered employee from contract duties and notify the District in writing within 3 business days.

(3) Upon request, Contractor will provide the District with the name and any other requested information of covered employees so that the District may obtain criminal history record information on the covered employees.

(4) If the District objects to the assignment of a covered employee on the basis of the covered employee's criminal history record information, Contractor agrees to discontinue using that covered employee to provide services at the District.

Noncompliance or misrepresentation regarding this certification may be grounds for contract termination.

None

91	**Texas Business and Commerce Code § 272 Requirements as of 9-1-2017** SB 807 prohibits construction contracts to have provisions requiring the contract to be subject to the laws of another state, to be required to litigate the contract in another state, or to require arbitration in another state. A contract with such provisions is voidable. Under this new statute, a “construction contract” includes contracts, subcontracts, or agreements with (among others) architects, engineers, contractors, construction managers, equipment lessors, or materials suppliers. “Construction contracts” are for the design, construction, alteration, renovation, remodeling, or repair of any building or improvement to real property, or for furnishing materials or equipment for the project. The term also includes moving, demolition, or excavation. BY RESPONDING TO THIS SOLICITATION, AND WHEN APPLICABLE, THE PROPOSER AGREES TO COMPLY WITH THE TEXAS BUSINESS AND COMMERCE CODE § 272 WHEN EXECUTING CONTRACTS WITH TIPS MEMBERS THAT ARE TEXAS GOVERNMENT ENTITIES.
92	**Texas Government Code 2270 & 2270 Verification Form** Texas Government Code 2270 & 2271 Verification Form If (a) Vendor is not a sole proprietorship; (b) Vendor has ten (10) or more full-time employees; and (c) this Agreement has a value of $100,000 or more, the following certification shall apply; otherwise, this certification is not required. Pursuant to Chapter 2271 of the Texas Government Code, the Vendor hereby certifies and verifies that neither the Vendor, nor any affiliate, subsidiary, or parent company of the Vendor, if any (the "Vendor Companies"), boycotts Israel, and the Vendor agrees that the Vendor and Vendor Companies will not boycott Israel during the term of this Agreement. For purposes of this Agreement, the term "boycott" shall mean and include refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes. Our entity further certifies that it is is not listed on and we do not do business with companies prohibited by Texas Government Code 2270 or that are on the Texas Comptroller of Public Accounts list of Designated Foreign Terrorists Organizations per Texas Gov't Code 2270.0153 found at https://comptroller.texas.gov/purchasing/docs/foreign-terrorist.pdf I swear and affirm that the above is true and correct. YES
93	**Logos and other company marks** Please upload your company logo to be added to your individual profile page on the TIPS website. If any particular specifications are required for use of your company logo, please upload that information under the "Logo and Other Company Marks" section under the “Response Attachment” tab. Preferred Logo Format: 300 x 225 px - .png, .eps, .jpeg preferred Potential uses of company logo: * Your Vendor Profile Page of TIPS website * Potentially on TIPS website scroll bar for Top Performing Vendors * TIPS Quarterly eNewsletter sent to TIPS Members * Co-branding Flyers and or email blasts to our TIPS Members (Permission and approval will be obtained before publishing)

94 Solicitation Deviation/Compliance

Does the vendor agree with the General Conditions Standard Terms and Conditions or Item Specifications listed in this proposal invitation?

Yes

95 Solicitation Exceptions/Deviations Explanation

If the bidder intends to deviate from the General Conditions Standard Terms and Conditions or Item Specifications listed in this proposal invitation, all such deviations must be listed on this attribute, with complete and detailed conditions and information included or attached.
TIPS will consider any deviations in its proposal award decisions, and TIPS reserves the right to accept or reject any bid based upon any deviations indicated below or in any attachments or inclusions.
In the absence of any deviation entry on this attribute, the proposer assures TIPS of their full compliance with the Standard Terms and Conditions, Item Specifications, and all other information contained in this Solicitation.

No response

96 Agreement Deviation/Compliance

Does the vendor agree with the language in the Vendor Agreement?

Yes

97 Agreement Exceptions/Deviations Explanation

If the proposing Vendor desires to deviate form the Vendor Agreement language, all such deviations must be listed on this attribute, with complete and detailed conditions and information included. TIPS will consider any deviations in its proposal award decisions, and TIPS reserves the right to accept or reject any proposal based upon any deviations indicated below. In the absence of any deviation entry on this attribute, the proposer assures TIPS of their full compliance with the Vendor Agreement.

No response

98 Felony Conviction Notice

Texas Education Code, Section 44.034, Notification of Criminal History, Subsection (a), states “a person or business entity that enters into a contract with a school district must give advance notice to the district if the person or an owner or operator of the business entity has been convicted of a felony. The notice must include a general description of the conduct resulting in the conviction of a felony.” Subsection (b) states “a school district may terminate a contract with a person or business entity if the district determines that the person or business entity failed to give notice as required by Subsection (a) or misrepresented the conduct resulting in the conviction. The district must compensate the person or business entity for services performed before the termination of the contract.” (c) This section does not apply to a publicly held corporation. The person completing this proposal certifies that they are authorized to provide the answer to this question.
Select A., B. or C.
A. My firm is a publicly held corporation; therefore, this reporting requirement is not applicable.
OR B.My firm is not owned nor operated by anyone who has been convicted of a felony, OR
C. My firm is owned or operated by the following individual(s) who has/have been convicted of a felony. (if you answer C below, you are required to provide information in the next attribute.

B. Firm not owned nor operated by felon; per above

99 **If you answered C. My Firm is owned or operated by a felon to the previous question, you are REQUIRED TO ANSWER THE FOLLOWING QUESTIONS.**

If you answered C. My Firm is owned or operated by a felon to the previous question, you must provide the following information.

1. Name of Felon(s)

2. The named person's role in the firm, and

3. Details of Conviction(s).

No response

100 **Required Confidentiality Claim Form**

Required Confidentiality Claim Form
This completed form is required by TIPS. By submitting a response to this solicitation you agree to download from the "Attachments" section, complete according to the instructions on the form, then upload the completed form, with any confidential attachments, if applicable, to the "Response Attachments" section titled "Confidentiality Form" in order to provide to TIPS the completed form titled, "CONFIDENTIALITY CLAIM FORM". THIS REQUIRED PROCESS IS THE ONLY WAY TO DEEM PROPOSAL DOCUMENTATION CONFIDENTIAL ANY OTHER CONFIDENTIAL DESIGNATION WILL BE DISREGARDED UNLESS THE DOCUMENT IS IDENTIFIED BY AND ATTACHED TO THE REQUIRED FORM. By completing this process, you provide us with the information we require to comply with the open record laws of the State of Texas as they may apply to your proposal submission. If you do not provide the form with your proposal, an award will not be made if your proposal is qualified for an award, until TIPS has an accurate, completed form from you.
Read the form carefully before completing and if you have any questions, email bids@tips-usa.com.

101 **Member Access to Vendor Proposal**

Notwithstanding any other information provided in this solicitation or Vendor designation of certain documentation as confidential or proprietary, Vendor's acceptance of this TIPS Contract constitutes Vendor's consent to the disclosure of Vendor's comprehensive proposal, including any information deemed confidential or proprietary, **to TIPS Members**. The proposing Vendor agrees that TIPS shall not be responsible or liable for any use or distribution of information or documentation by TIPS Members or any other party. By submitting this proposal, Vendor certifies the foregoing.

102 **Choice of Law clauses for TIPS Members**

If the vendor is awarded a contract with TIPS under this solicitation, the vendor agrees to make any Choice of Law clauses in any contract or agreement entered into between the awarded vendor and with a TIPS member entity to read as follows: "Choice of law shall be the laws of the state where the customer resides" or words to that effect.

Agreed

103 **Venue of dispute resolution with a TIPS Member**

In the event of litigation or use of any dispute resolution model when resolving disputes with a TIPS member entity as a result of a transaction between the vendor and TIPS or the TIPS member entity, the Venue for any litigation or other agreed upon model shall be in the state and county where the customer resides unless otherwise agreed by the parties at the time the dispute resolution model is decided by the parties.

Agreed

104

Indemnity Limitation with TIPS Members

Texas and other states restrict by law or state Constitution the ability of a governmental entity to indemnify others. TIPS requires that any contract entered into between a vendor and TIPS or a TIPS Member as a result of an award under this Solicitation limit the requirement that the Customer indemnify the Vendor by either eliminating any such indemnity requirement clauses in any agreements, contracts or other binding documents **OR** by prefacing all indemnity clauses required of TIPS or the TIPS Member entity with the following: "To the extent permitted by the laws or the Constitution of the state where the customer resides, ".

Agreement is a required condition to award of a contract resulting from this Solicitation.

Agreed

105

Arbitration Clauses

Except for certain circumstances, TIPS forbids a mandatory arbitration clause in any contract or agreement entered into between the awarded vendor with TIPS or a TIPS member entity. Does the vendor agree to exclude any arbitration requirement in any contracts or agreement entered into between TIPS or a TIPS member entity through an awarded contract with TIPS?

Agreement is a required condition to award of a contract resulting from this Solicitation.

Agreed

106

Upload of Current W-9 Required

Please note that you are required by TIPS to upload a current W-9 Internal Revenue Service (IRS) Tax Form for your entity. This form will be utilized by TIPS to properly identify your entity.

107

CERTIFICATION REGARDING BOYCOTTING CERTAIN ENERGY COMPANIES (Texas law as of September 1, 2021)

By submitting a proposal to this Solicitation, you certify that you agree, when it is applicable, to the following required by Texas law as of September 1, 2021:

If (a) company is not a sole proprietorship; (b) company has ten (10) or more full-time employees; and (c) this contract has a value of $100,000 or more that is to be paid wholly or partly from public funds, the following certification shall apply; otherwise, this certification is not required. Pursuant to Tex. Gov't Code Ch. 2274 of SB 13 (87th session), the company hereby certifies and verifies that the company, or any wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of these entities or business associations, if any, does not boycott energy companies and will not boycott energy companies during the term of the contract. For purposes of this contract, the term "company" shall mean an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or limited liability company, that exists to make a profit. The term "boycott energy company" shall mean "without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company (a) engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law, or (b) does business with a company described by paragraph (a)." *See* Tex. Gov't Code § 809.001(1).

108 **CERTIFICATION PROHIBITING DISCRIMINATION AGAINST FIREARM AND AMMUNITION INDUSTRIES (Texas law as of September 1, 2021)**

By submitting a proposal to this Solicitation, you certify that you agree, when it is applicable, to the following required by Texas law as of September 1, 2021:

If (a) company is not a sole proprietorship; (b) company has at least ten (10) full-time employees; (c) this contract has a value of at least $100,000 that is paid wholly or partly from public funds; (d) the contract is not excepted under Tex. Gov't Code § 2274.003 of SB 19 (87th leg.); and (e) governmental entity has determined that company is not a sole-source provider or governmental entity has not received any bids from a company that is able to provide this written verification, the following certification shall apply; otherwise, this certification is not required.

Pursuant to Tex. Gov't Code Ch. 2274 of SB 19 (87th session), the company hereby certifies and verifies that the company, or association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or limited liability company, including a wholly owned subsidiary, majority-owned subsidiary parent company, or affiliate of these entities or associations, that exists to make a profit, does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of this contract against a firearm entity or firearm trade association. For purposes of this contract, "discriminate against a firearm entity or firearm trade association" shall mean, with respect to the entity or association, to: "(1) refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; (2) refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or (3) terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association. *See* Tex. Gov't Code § 2274.001(3) of SB 19. "Discrimination against a firearm entity or firearm trade association" does not include: "(1) the established policies of a merchant, retail seller, or platform that restrict or prohibit the listing or selling of ammunition, firearms, or firearm accessories; and (2) a company's refusal to engage in the trade of any goods or services, decision to refrain from continuing an existing business relationship, or decision to terminate an existing business relationship to comply with federal, state, or local law, policy, or regulations or a directive by a regulatory agency, or for any traditional business reason that is specific to the customer or potential customer and not based solely on an entity's or association's status as a firearm entity or firearm trade association." *See* Tex. Gov't Code § 2274.001(3) of SB 19.

109 **CERTIFICATION REGARDING CERTAIN FOREIGN-OWNED COMPANIES IN CONNECTION WITH CRITICAL INFRASTRUCTURE (Texas law as of September 1, 2021)**

By submitting a proposal to this Solicitation, you certify that you agree, when it is applicable, to the following required by Texas law as of September 1, 2021:

If (a) company is not a sole proprietorship; (b) company has at least ten (10) full-time employees; (c) this contract has a value of at least $100,000 that is paid wholly or partly from public funds; (d) the contract is not excepted under Tex. Gov't Code § 2274.003 of SB 19 (87th leg.); and (e) governmental entity has determined that company is not a sole-source provider or governmental entity has not received any bids from a company that is able to provide this written verification, the following certification shall apply; otherwise, this certification is not required.

Pursuant to Tex. Gov't Code Ch. 2274 of SB 19 (87th session), the company hereby certifies and verifies that the company, or association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or limited liability company, including a wholly owned subsidiary, majority-owned subsidiary parent company, or affiliate of these entities or associations, that exists to make a profit, does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of this contract against a firearm entity or firearm trade association. For purposes of this contract, "discriminate against a firearm entity or firearm trade association" shall mean, with respect to the entity or association, to: "(1) refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; (2) refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or (3) terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association. *See* Tex. Gov't Code § 2274.001(3) of SB 19. "Discrimination against a firearm entity or firearm trade association" does not include: "(1) the established policies of a merchant, retail seller, or platform that restrict or prohibit the listing or selling of ammunition, firearms, or firearm accessories; and (2) a company's refusal to engage in the trade of any goods or services, decision to refrain from continuing an existing business relationship, or decision to terminate an existing business relationship to comply with federal, state, or local law, policy, or regulations or a directive by a regulatory agency, or for any traditional business reason that is specific to the customer or potential customer and not based solely on an entity's or association's status as a firearm entity or firearm trade association." *See* Tex. Gov't Code § 2274.001(3) of SB 19.

110	**Acknowledgement** By submitting this proposal, Vendor certifies that it has read, examined, and understands all portions of this solicitation including but not limited to all attribute questions, attachments, solicitation documents, bid notes, and the Vendor Agreement(s). Vendor certifies that, if found to be necessary by the proposing vendor, vendor has sought the advice of counsel in understanding all portions of the solicitation.

ADDENDUM NO. 1 TIPS 220107 Trades, Labor, and Materials (2 Part with JOC)

This correction ***does not*** require action from responding Vendors and ***does not*** require resubmission for Vendors who have already submitted ***unless you wish to correct the optional form entitled "PART 2 JOC Pricing of Itemized List of Means Non-Prepriced Items" based on the information herein***. This Addendum is only to correct a misstatement on the original optional attachment entitled "PART 2 JOC Pricing of Itemized List of Means Non-Prepriced Items." The attachment mistakenly provided for and discussed "Attribute 39." Specifically, any erroneous reference to "Attribute 39" on the specified attachment should be considered immediately replaced with "the Attribute Question asking for Pricing for Markup of Non-Prepriced Items in RS Means Unit Price Book." Please disregard any reference to Attribute 39 on this optional form and consider it to be referencing the Attribute Question asking for "Pricing for Markup of Non-Prepriced Items in RS Means Unit Price Book" instead.

TIPS RFP 220107 Trades, Labor and Materials (2 Part with JOC)

ALL INFORMATION MUST BE TYPED AND FORM MUST BE UPLOADED IN EXCEL FORMAT. DO NOT HANDWRITE REFERENCES AND DO NOT CONVERT EXCEL SHEET TO ANY OTHER FORMAT.

REFERENCES

Please provide five (5) references from five different entities, preferably from school districts or other governmental entities who have used your servic the last three years. Additional references may be required. DO NOT INCLUDE TIPS EMPLOYEES AS A REFERENCE.

Verify your references emails are deliverable and that they agree to provide a reference. Failure to do this may delay the evaluation process.

You may provide more than five (5) references.

Entity Name	Contact Person	**VALID EMAIL IS REQUIRED**	Phone
City of Lake Jackson, TX	Debbie Webb	dwebb@lakejacksontx.gov	979-415-2680
San Jacinto River Authority	Steve McKeon	smckeon@sjra.net	281-367-9511
WCID 17/City of Lakeway, TX	Juan Sanchez	jsanchez@wcid17.org	512-801-2966
City of Round Rock, TX	Eddie Zapata	ezapata@roundrocktexas.gov	512-801-2059
City of Dripping Springs, TX	Aaron Reed	areed@cityofdrippingsprings.com	512-858-4725

San Antonio Water System (SAWS)	Esther Harrah	esther.harrah@saws.org	210-233-5169
City of Pearland, TX	David Kent	dkent@pearlandtx.gov	713-775-3570

CERTIFICATION BY CORPORATE OFFERER

COMPLETE ONLY IF OFFERER IS A CORPORATION,
THE FOLLOWING CERTIFICATE SHOULD BE EXECUTED AND INCLUDED AS PART OF PROPOSAL FORM/PROPOSAL FORM.

OFFERER: National Works Inc.
(Name of Corporation)

I, John Lande **certify that I am the Secretary of the Corporation**
(Name of Corporate Secretary)

named as OFFERER herein above; that

Marijke Carey
(Name of person who completed proposal document)

who signed the foregoing proposal on behalf of the corporation offerer is the authorized person that is acting as

Office Manager
(Title/Position of person signing proposal/offer document within the corporation)

of the said Corporation; that said proposal/offer was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

CORPORATE SEAL if available

John Lande
SIGNATURE

02/11/2022
DATE

TIPS RFP # 220107

Required Confidential Information Status Form

National Works Inc.

Name of company

John Lande / COO

Printed Name and Title of authorized company officer declaring below the confidential status of material

1078 San Marcos Hwy	Luling	Tx	78648	830-875-2770
Address	**City**	**State**	**ZIP**	**Phone**

ALL VENDORS MUST COMPLETE THE ABOVE SECTION

CONFIDENTIAL INFORMATION SUBMITTED IN RESPONSE TO COMPETITIVE PROCUREMENT REQUESTS OF EDUCATION SERVICE CENTER REGION 8 AND TIPS (ESC8) IS GOVERNED BY TEXAS GOVERNMENT CODE, CHAPTER 552

If you consider any portion of your proposal to be confidential information and not subject to public disclosure pursuant to Chapter 552 Texas Gov't Code or other law(s), **you must attach a copy of all claimed confidential materials within your proposal and put this COMPLETED form as a cover sheet to said materials then scan, name "CONFIDENTIAL" and upload with your proposal submission.** (You must include all the confidential information in the submitted proposal. The copy uploaded is to indicate which material in your proposal, if any, you deem confidential in the event the receives a Public Information Request.) ESC8 and TIPS will follow procedures of controlling statute(s) regarding any claim of confidentiality and shall not be liable for any release of information required by law. Upon your claim and your defense to the Office of Texas Attorney General is required to make the final determination whether the information submitted by you and held by ESC8 and TIPS is confidential and exempt from public disclosure.

ALL VENDORS MUST COMPLETE ONE OF THE TWO OPTIONS BELOW.

OPTION 1:

I DO CLAIM parts of my proposal to be confidential and *DO NOT* desire to expressly waive a claim of confidentiality of all information contained within our response to the solicitation. The attached contains material from our proposal that I classify and deem confidential under Texas Gov't Code Sec. 552 or other law(s) and I invoke my statutory rights to confidential treatment of the enclosed materials.

IF CLAIMING PARTS OF YOUR PROPOSAL CONFIDENTIAL, YOU MUST ATTACH THE SHEETS TO THIS FORM AND LIST THE NUMBER OT TOTAL PAGES THAT ARE CONFIDENTIAL.

ATTACHED ARE COPIES OF_____PAGES OF CLAIMED CONFIDENTIAL MATERIAL FROM OUR PROPOSAL THAT WE DEEM TO BE NOT PUBLIC INFORMATION AND WILL DEFEND THAT CLAIM TO THE TEXAS ATTORNEY GENERAL IF REQUESTED WHEN A PUBLIC INFORMATION REQUEST IS MADE FOR OUR PROPOSAL.

Signature_____Date _____

---------- **OR** ----------

OPTION 2:

I DO NOT CLAIM any of my proposal to be confidential, complete the section below.

Express Waiver: I desire to expressly waive any claim of confidentiality as to any and all information contained within our response to the competitive procurement process (e.g. RFP, CSP, Bid, RFQ, etc.) by completing the following and submitting this sheet with our response to Education Service Center Region 8 and TIPS.

Signature John Lande Date 02/11/2022

Confidentiality Claim Form rev 10012020RP

South Central Texas Regional Certification Agency
3201 Cherry Ridge Dr., Building B, Suite #210 San Antonio TX 78230

"Increasing economic prosperity by creating opportunities and eliminating barriers"

www.sctrca.org

January 14, 2020

Greg Seely
National Works, Inc.
1078 San Marcos Hwy
Luling, TX 78648

Dear Greg Seely:

We are pleased to inform you that your application for certification in our Small, Minority, Woman and Veteran Business Enterprise (S/M/W/V) Program has been approved. Your firm met the requirements of the SCTRCA Policy and Procedure Manual and is currently certified as a:

***Small Business Enterprise (SBE)**

Certification Number: **220019847**
Certification Expiration: **January 31, 2022**

Providing the following products or services:
NAICS 237110: SEWER CONSTRUCTION
NAICS 237990: TRENCHING, UNDERWATER
NAICS 562998: ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES

On the two year anniversary date of your certification, you are required to provide a renewal application affirming that no changes have occured affecting your certification status. The SCTRCA will send you a Certification Renewal reminder **sixty (60) days** prior to your expiration date. The SCTRCA will no longer include a certificate upon certification renewals. **Your expiration date is January 31, 2022.**

Please notify this office within **thirty (30) days** of any changes affecting the size, ownership, control requirements, or any material change in the information provided in the submission of the certification application. Thank you in advance.

Sincerely,

Charles Johnson,
Executive Director

SEWPERCOAT® 10 YEAR LIMITED WARRANTY (OWNER)

This warranty extends to the OWNER of the structure to which SewperCoat® is applied, effective as of the OWNER's acceptance of the work: Kerneos warrants to the OWNER that SewperCoat® PG and SewperCoat® 2000HS products, when installed in compliance with the recommended installation guidelines published by Kerneos, will protect sanitary wastewater structures from biogenic corrosion caused by exposure to sanitary sewerage environment.

To be honored, claims must be filed by the OWNER within 10 years of acceptance of the work by OWNER. Kerneos' obligations hereunder extend only to providing labor and material to replace the defective material.

This warranty excludes consequential and incidental damages (including, without limitation, damage to equipment and peripheral facilities, service interruption, and loss of use). This warranty applies to sanitary sewage exposure only. Exposure to effluent, chemicals, or contaminants from industrial discharge will void this limited warranty.

SEWPERCOAT® LIMITED WARRANTY (BUYER)

Kerneos warrants to the BUYER of this product that, at the time of shipment, the product conforms to the Specifications set forth in Section 2 of the applicable Product Data Sheet. To be honored, claims under this warranty must be filed by the BUYER within 30 days of use of the product or 6 months of delivery to its BUYER, whichever comes first. Kerneos' sole obligation and the sole and exclusive remedy of BUYER under this warranty shall be the replacement of any nonconforming product or, at Kerneos' option, the refund of the purchase price paid by its BUYER.

DISCLAIMER OF OTHER WARRANTIES

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, TO OWNER OR BUYER EXCEPT AS PROVIDED IN THIS LIMITED WARRANTY. ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. NO WARRANTY IS GIVEN FOR, OR MAY BE IMPLIED FROM, ANY TECHNICAL ADVICE OR RECOMMENDATIONS PROVIDED BY KERNEOS.

Kerneos Inc. - 1316 Priority Lane, Chesapeake, VA 23324
Phone: (757) 284-3200 FAX: (757) 284-3300

WARRANTY CLAIM PROCEDURE

Kerneos reserves the right to inspect and determine whether any claim is the result of a breach of a warranty set forth herein or is related to another cause (all other causes are expressly excluded from coverage by the warranties contained herein).

Any claim under this limited warranty requiring an investigation by Kerneos may require extensive laboratory testing. It is the responsibility of any party making a claim to make any product or structure requiring testing accessible and available to Kerneos within a reasonable period of time after a claim arises. Inspection, including thickness verification and the gathering of specimens for testing may require the removal of a portion of the SewperCoat® lining in question or, if a structure requiring investigation cannot be made readily accessible, the removal of any frames, covers, or obstructions. At Kerneos' option, technical investigations and testing may be performed by either Kerneos internal facilities or by an independent agency.

It is the responsibility of the buyer to maintain and document product installation and job acceptance reports in accordance with all applicable instructions including, without limitation, the location and date, the quantities installed, the mixing methods, surface preparation procedures used, installation personnel, and existing conditions of the structure including H_2S concentrations and initial surface pH. Kerneos will provide installation report forms upon request.

NATIONAL WORKS, INC.

UNDERGROUND UTILITY SERVICES

Since 1992

PRIMARY UNDERGROUND SERVICES

TV Inspection

- Pipeline Assessment Using the Latest CCTV Equipment to Digitally Inspect Sewer Systems and Evaluate Pipe Condition

Sewer System Cleaning

- Hydrojet and Vacuum Cleaning of Sewer Lines, Lift Stations and Wastewater Plants

SewperCoat®
Manhole Coating and Rehabilitation

- 100% Fused Calcium-Aluminate Coating for New and Existing Structures

Hydro-Excavation

- Non-Disruptive Location and Excavation of Underground Utilities

Internal Point Repairs

- No-Dig Solutions to Repair Holes, Voids and Cracks in Pipe

Sewer Testing Services

- Mandrel Testing, Air Testing and Manhole Vacuum Testing

ADDITIONAL SERVICES PROVIDED

- Manhole Pressure Grouting
- Sewer Leak Location via Smoke Testing
- Water Pressure Testing

Austin / San Antonio Depot
1078 San Marcos Hwy
Luling, TX 78648
P: 830.875.2770
F: 830.875.2730

Greater Houston Depot
6921 Olson Ln
Pasadena, TX 77505
P: 713.785.4500
F: 713.785.4504

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1403462

Date Filed:
12/29/2025

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
National Works, Inc.
Luling, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
12292025
Rehabilitation of Lift Station

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
N/A			

5 Check only if there is NO Interested Party. [X]

6 UNSWORN DECLARATION

My name is JOHN LANDE, and my date of birth is [redacted].

My address is 1078 SAN MARCOS HWY, LULING (city), TX (state), 78648 (zip code), USA (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in CALDWELL County, State of TEXAS, on the 29 day of DEC (month), 20 25 (year).

John Lande

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1403462

Date Filed:
12/29/2025

Date Acknowledged:
01/02/2026

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

National Works, Inc.
Luling, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

12292025
Rehabilitation of Lift Station

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO Interested Party. [X]

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____County, State of _____, on the _____day of _____, 20_____.
(month) (year)

_____
Signature of authorized agent of contracting business entity
(Declarant)

No Boycott and HB 1295 Compliance.

A. No Boycott Israel. Pursuant to Section 2271.002, Texas Government Code, Developer hereby certifies and verifies that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott the State of Israel ("Israel") and, to the extent, if any, that this Agreement is a contract for goods or services, will not boycott Israel during the term of this Agreement. This certification and verification is made solely to comply with Section 2271.002, Texas Government Code, and is made only to the extent such section is not repealed or any Laws or Regulations that are enacted or amended to nullify or make voluntary such certification and verification, and only to the extent that said section is not held by a final judgment of a court of competent jurisdiction binding upon one or both of the Parties to be preempted or superseded by Laws or Regulations. As used in the foregoing certification and verification, "boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in the Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes. Developer understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with Developer and exists to make a profit.

B. No Boycott Energy Companies. To the extent, if any, that this Agreement constitutes a contract for goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 13, 87th Texas Legislature, Regular Session) as amended, the Developer hereby certifies and verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any, do not boycott energy companies and, will not boycott energy companies during the term of this Agreement. The foregoing certification and verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, and is made only to the extent such section is not repealed by any Laws or Regulations that are enacted or amended to nullify or make voluntary such certification and verification, and only to the extent that said section is not held by a final judgment of a court of competent jurisdiction binding upon one or both of the Parties to be preempted or superseded by Laws or Regulations. As used in the foregoing verification, "boycott energy companies" shall have the meaning assigned to the term "boycott energy company" in Section 809.001, Texas Government Code. Developer understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Developer and that exists to make a profit.

C. No Boycott Firearms Entities or Firearm Trade Associations. To the extent, if any, that this Agreement constitutes a contract for the purchase of goods or services for which a written verification is required under Section 2274.002, Texas Government Code (as added by Senate Bill 19, 87th Texas Legislature, Regular Session, "SB 19"), as amended, Developer hereby certifies and verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any,:

(i) do not have a practice, policy, guidance or directive that discriminates against a firearm entity or firearm trade association; and

(ii) will not discriminate during the term of this Agreement against a firearm entity or firearm trade association.

D. The foregoing certifications and verifications are made solely to comply with Section 2274.002, Texas Government Code, as amended, and are made only to the extent such section is not repealed or any Laws or Regulations that are enacted or amended to nullify or make voluntary any such certifications and verifications, and only to the extent that said section is not held by a final judgment of a court of competent jurisdiction binding upon one or both of the Parties to be preempted or superseded by Laws or Regulations. As used in the foregoing certifications and verifications, "discriminate against a firearm entity or firearm trade association" shall have the meaning assigned to such term in Section 2274.001(3), Texas Government Code (as added by SB 19). Developer understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the DEVELOPER and that exists to make a profit.

E. HB 1295 Compliance. Section 2252.908 of the Texas Government Code requires that for certain types of contracts, Developer must fill out a conflict-of-interest form ("Disclosure of Interested Parties" at the time the Developer submits this executed Agreement to the City. For further information, to the requirements are found on the Texas Ethics Commission website via the following link. https://www.ethics.state.tx.us/filinginfo/1295/ . The City has no obligation under this Agreement until such form is accurately completed and properly submitted, and any City obligation is conditioned on such proper completion and submission.

AGENDA ITEM REPORT
9.4.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-004 authorizing the City Manager to execute a general service agreement with PVS in the amount of $113,040 for the purchase and delivery of sodium hypochlorite solution for drinking water treatment chemicals. (Rick Coronado)
Meeting:	Thursday, January 8, 2026
Department:	Public Works /
Staff Contact:	Rick Coronado

ITEM SUMMARY:

The City of Hutto requested sealed bids for the supply of drinking water chemicals for two drinking water pump station locations. Qualified vendors submitted proposals for the provision of chemicals essential for the operation of the City's water treatment and distribution facilities. The City of Hutto is establishing a list of approved suppliers who can provide necessary chemicals on an as-needed basis to support the water treatment operations across various locations. Chlorine is used as a disinfectant in drinking water to remove any potential for bacteriological and virus contaminants. The chemical requested for delivery is sodium hypochlorite also known as bleach, at a 12% concentration.

FISCAL NOTES:

Funding for this chemical expense is included in the FY 2025-26 Budget as follows:

Utility Fund (50)
Account Number: 50-040-058-6232
Account Name: Chemical
Budgeted Amount: $303,282
Amount Available: $149,751
Amount Requested: $113,040
Amount Remaining: $42,140

ATTACHMENTS:

1. Proposed R-2026-XXX_01_8_2026 SodiumHypochlorite_Chemicals
2. IFB Chemicals Solicitation #2026-040-RC-01 (1)
3. PVS_1295_Redacted

AGENDA ITEM REPORT
9.4.

RESOLUTION NO. R-2026-XXX

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, AUTHORIZING THE CITY MANAGER TO EXECUTE A PURCHASE AGREEMENT WITH PVS DX, INC. IN THE AMOUNT OF $113,040.00 FOR SODIUM HYPOCHLORITE SOLUTION FOR DRINKING WATER TREATMENT CHEMICALS WITH CITY OF HUTTO; PROVIDING PROPER NOTICE & MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City desires to purchase liquid chlorine for the disinfection and treatment of drinking water for the City, and desires to purchase goods and services associated with delivery of chemicals from PVS DX Inc.; and

WHEREAS, City has issued its "Invitation for Bid" for the provision of said goods, and City has selected the bid submitted by PVS DX Inc.; and

WHEREAS, the City Council desires to authorize the City Manager to execute the agreement with PVS DX Inc. for the purchase of sodium hypochlorite solution in an amount not to exceed $113,040.00 per year for up to three fiscal years.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: The Hutto City Council hereby approves and authorizes the City Manager to execute the Agreement with PVS DX Inc., attached as Exhibit A, a copy of same being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the ____ day of _____ 2026 on vote of __AYES; ___NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

_____
Mike Snyder, Mayor

ATTEST:

_____
Laura Hallmark, City Secretary

Invitation to Bid

Solicitation Response IFB# 2026-040-RC-01

Subject: Water Treatment Chemicals

Intersection Improvements

Issue Date: 11/10/2025

Due date: 12/2/2025 at 10:30 AM CST

Table of Contents

Article I. Executive Summary and Exhibits 4
I.I Executive Summary 4
I.2 Exhibits 4
Article II. Administrative Information 5
2.I Schedule of Events 5
2.2 Inquiries: 5
2.2.I Important Notes & Contact 5
2.2.2 Prohibited Communications 6
2.3 General Requirements for Solicitation Response 6
2.3.I Solicitation Response Format and Deadlines 6
2.3.3 Alterations, Modifications, Withdrawals 6
Article III. Evaluation and Award 7
3.I Selection Criteria 7
3.2 Scoring Methodology 7
3.3 Contract Award & Terms of Contract 7
3.4 New Vendor Packet 8
3.5 Non-Appropriation 8
Article IV. Required Respondent Information 9
4.I Solicitation Response Form 9
4.2 Respondent Information 9
4.2.I Company Profile 9
4.2.2 Demonstration of Experience 10
4.3 List of Machinery and Equipment 12
4.4 Litigation History 12
4.5 References 12
4.6 Deviation or Compliance 13
4.6.I Deviation 13
4.6.2 No Deviations 13
4.7 Cooperative/ Interlocal Purchasing 14
4.8 Conflict of Interest Questionnaire 15

500 W. Live Oak St. | Hutto, Texas 78634
512-759-4033 | www.huttotx.gov

4.9 Subcontractors 15
Article V. Bid 15
Article VI. Standard Terms and Special Conditions 15
6.1 Standard Terms and Special Conditions 15
6.1.1 Labor, Materials, and Time 15
6.1.2 OSHA Compliance 15
6.1.4 Amendments, Rejections, and or withdrawals 16
6.1.5 Irregularities 16
6.1.6 Evaluation, Offer Period and Contract Award 16
6.1.7 Affirmations and Solicitation Acceptance 17
6.1.8 Open Records 17
6.1.9 Contract Responsibility 18
6.1.10 Public Disclosure 18
6.1.11 Remedies 18
6.2 Insurance and Bonds 19
6.2.1 Required Insurance Coverages 19
6.2.2 Performance and Payment Bond Amounts 19
6.3 Disclosure of Interested Parties 20
Article VII. Submission Checklist 20

This document includes hyperlinks (in blue) for reference

500 W. Live Oak St. | Hutto, Texas 78634
512-759-4033 | www.huttotx.gov

Article I. Executive Summary and Exhibits

I.1 Executive Summary

The City of Hutto, a home rule municipality, is soliciting LOW BID PROPOSAL for Sodium Hypochlorite (Bleach) chemical for use in the treatment of potable water at various locations. The chemical must meet all applicable AWWA standards.

The City of Hutto will consider bids from business entities that demonstrate the ability to complete the Project within the guidelines of this solicitation, following all applicable federal, state, and local rules, laws, and regulations and the terms and conditions contained in Exhibit B. Respondent must execute Exhibit A and complete other items listed on the Submission Checklist to be considered for award.

I.2 Exhibits

Exhibit A – General Affirmations and Solicitation Acceptance
Exhibit B – Standard Purchasing Terms and Conditions
Exhibit C – Scope of Work & Project Details
Exhibit D – Bid Form

500 W. Live Oak St. | Hutto, Texas 78634
512-759-4033 | www.huttotx.gov

Article II. Administrative Information

2.1 Schedule of Events

The dates provided represent a tentative schedule of events related to this solicitation. The City of Hutto reserves the right to modify these dates before the deadline for submission of Solicitation Responses upon notice being posted on the City website and its Vendor Connection website, Bonfire.

Schedule of Events

Event	Deadline
Solicitation Issuance	11/10/2025
Pre-Bid Conference (optional)	10:30 am 11/21/2025
Deadline for Question Submittal	5:00 pm 11/24/2025
Anticipated Addenda Release, if applicable.	11/26/2025
Deadline for Bid Submission	10:30 am 12/2/2025
Notice of Intent to Award	12/18/2025
Tentative Award Date	12/18/2025

2.2 Inquiries:

2.2.1 Important Notes & Contact

Question deadline is 11/24/2025 at 5:00 PM CST. Any question submitted after this time will not be answered.

Any questions, clarifications, concerns or requests for general information should be submitted in writing via Bonfire

Solicitation documents may be examined or obtained electronically at the City's Bid postings website and its Vendor Connection website, Bonfire. All addenda will be posted on the City's Bid postings website and its Vendor Connection website. It is the sole responsibility of the Respondent to check for Addenda.

Respondents are expected to examine all documents that make up this solicitation. Respondents shall promptly notify the City of any omission, ambiguity, inconsistency, or error they may discover upon reviewing the solicitation. The City assumes no responsibility for errors or misrepresentation that result from the use of incomplete submissions.

READ THIS SOLICITATION FULLY AND CAREFULLY. RESPONSES MUST BE COMPLETE UPON SUBMISSION, INCLUDING ALL FORMS AND ATTACHMENTS REQUIRED HEREIN. FAILURE TO STRICTLY COMPY WITH THESE STATED TERMS OF SUBMISSION MAY RESULT IN REJECTION OF THE SUBMISSION.

2.2.2 Prohibited Communications

Upon issuing this solicitation, except for written inquiries as outlined above, the City of Hutto, its representatives, or partners will not answer questions or otherwise discuss the content of this solicitation with any potential Respondent or their representative(s). Respondent agrees to rely solely on the written process outlined herein. Respondents who do not comply with the terms outlined in this section may be disqualified from this solicitation.

2.3 General Requirements for Solicitation Response

2.3.I Solicitation Response Format and Deadlines

Respondents will need to create an account on Bonfire in order to be able to view and submit an electronic bid. All submissions must be completed before the provided "bid opening" date and time. Once the date and time has passed, the option to submit a bid will no longer be available.

HARD COPY, FAXED, OR E-MAILED PROPOSALS AND/OR LATE SUBMISSIONS WILL NOT BE ACCEPTED.

2.3.3 Alterations, Modifications, Withdrawals

Submissions may be modified, altered, or withdrawn from consideration by notifying the point of contact listed herein, provided such notice is received before the deadline. No submission may be withdrawn after the date and time of opening without approval of the Purchasing Supervisor.

Article III. Evaluation and Award

3.1 Selection Criteria

Solicitation Responses shall be consistently evaluated and scored by the following criteria:

(a) Responsiveness (pass/fail)

- Timely submission
- All requested documentation
- Licensing, bonding and insurance

(b) Responsibility (pass/fail)

- Valid license for work
- Demonstration of experience
- References
- Adequate staffing & equipment

(c) Price

- Lowest Total Bid

3.2 Scoring Methodology

The City of Hutto assembles an evaluation committee to evaluate each Solicitation Response. Each evaluator shall complete one Bid Form for each Solicitation Response and evaluate those responses against the requirements of this solicitation.

Bids shall be evaluated based on a reasonable assessment of the submitted price and consider such factors as the confirmation of experience and references.

Evaluators may seek the advice of legal counsel and/or subject matter experts if they need help understanding information in a Solicitation Response or require additional technical assistance.

3.3 Contract Award & Terms of Contract

3.3.1. Contract Award

The City of Hutto intends to award one contract under this solicitation. An award notice will be sent to the selected Respondent upon selection. All Contract awards remain subject to the successful execution of the final contract. Terms and approval by the City Council.

3.3.2. Terms of Contract

The City of Hutto intends to award one (I) Contract for the products and services requested under this Solicitation. Any Contract resulting from this Solicitation shall be effective from the date of execution until September 30, 2026. The City of Hutto may, at its discretion and in compliance with applicable laws, extend the contract term upon mutually agreement of the parties for two additional one-year terms.

Note: Solicitation Responses are subject to the Texas Public Information Act.

3.4 New Vendor Packet

If selected for award, the vendor agrees to provide the City with a completed New Vendor Packet before the commencement of any performance required under an Agreement. Completed New Vendor Packets must be submitted to the Purchasing Supervisor via email at procurement@huttotx.gov.

3.5 Non-Appropriation

Respondent hereby acknowledges and agrees that any contract resulting from this solicitation reflects a commitment of the City's current revenues only and that the City shall have the right to terminate any Contract at the end of any City fiscal year if the City Council does not appropriate sufficient funds. The City may effect such termination by providing written notice at the end of its current fiscal year. Provide timely notice to maintain the City's ability to perfect termination.

Article IV. Required Respondent Information

4.1 Solicitation Response Form

By signing and submitting the solicitation response, Respondent acknowledges that they have inspected the specifications, are capable and willing to perform and/or provide the required services and/or products, and shall complete this project within the amount of time and dollar amount specified. The undersigned certifies that the prices contained in this Proposal have been carefully checked and submitted as correct and final. All unit prices include the cost of delivery. The undersigned is authorized to bind themselves or the entity they represent to a contract.

☐ An individual proprietorship

☐ A partnership

☒ A corporation chartered under the laws of the State of Texas, acting by its officers pursuant to its by-laws or a resolution of its Board of Directors.

Signature:

Printed Name: Cory Raines

Title: Territory Manager

Date: 12/1/25

4.2 Respondent Information

4.2.1 Company Profile

Company Name: PVS DX, Inc.

and D/B/A:

Phone: 512 423 2268

Fax:

If there is no toll-free number, does the company accept collect calls? ☐ Yes ☐ No

Contacts:

Corporate Contact for this Proposal:

Name: Cory Raines
Address: 10926 US HWY 181 S
City, State, Zip: San Antonio, Tx 76223
Phone: 512 423 2268 Fax:
E-mail: craines@pvschemicals.com
Website: www.dxgroup.com

If local contact is the same as corporate contact, check here ☑

Local Contact for this Proposal:

Name:
Address:
City, State, Zip:
Phone: Fax:
E-mail:
Website:

Number of years the company has been in business under this name:

Other company names used with dates, from/to:

4.2.2 Demonstration of Experience

Years in business under present business name: 2 (previous 75 years as DPC Industries)

Total years of experience in work of the type called for in this contract: 75+

List in table below the contracts of similar scope and scale to the City's IFB has your organization completed (attach additional pages as necessary). List most recent FIRST:

Contract Amount	Type of Work	Completion Date	Owner's Name & Contact Info
$1,500,000.00	Bulk Sodium Hypochlorite	Current	City of Austin, Mark Reeh
$1,100,000.00	Bulk Sodium Hypo Chlorite	Current	City of Georgetown, Ron Buckley
$500,000.00	Bulk Sodium Hypochlorite	Current	Wilco, Keeth Armstrong

List in the table (attach additional pages as necessary) below what contracts your organization currently has:

Contract Amount	Type of Work	Completion Date	Owner's Name & Contact Info
$500,000.00	Bulk Sodium Hypochlorite	current	City of Pflugerville, Richard Byland
$200,000.00	City of Seguin	Current	Bulk Sodium Hypochlorite
$150,00,00	Seguin / Shertz	Current	Bulk Sodium Hypochlorite

If you have any additional experience or work that you would like to submit, please provide separate additional documentation upon submittal.

Have you ever failed to complete any contract awarded to you?

☐ Yes ☒ No

If "Yes", state where and why.

Are you at present in any major litigation or lawsuits involving work of any type?

☐ Yes ☒ No

If "Yes", explain:

Explain in detail the manner in which you have inspected the work proposed in this contract:

500 W. Live Oak St. | Hutto, Texas 78634
512-759-4033 | www.huttotx.gov

4.3 List of Machinery and Equipment

If applicable- It is required that a Contractor be able to perform the Scope of Work of the solicitation. It is represented as part of this solicitation response that the below listed equipment is available for use on the work covered by the Scope of Work. (Attached additional pages as necessary.)

As a part of the solicitation response evaluation, a team from the Public Works Department may inspect the availability and capability of the equipment of the Contractor submitting the winning solicitation response.

Units	Types of Equipment

4.4 Litigation History

At its discretion, the City of Hutto's Finance Department may review a Respondent's pending or history of litigation as part of the evaluation process. Any awaiting litigation or litigation history deemed, in the sole discretion of the City of Hutto, to demonstrate unsatisfactory performance, adversarial or contentious demeanor, or significant failure(s) to meet contractual obligations may be grounds for disqualification under this solicitation.

4.5 References

Respondent shall submit a list of at least three (3) references for which Respondent has provided like products or services. References will include contact name and phone number. Solicitation response submitted without three references may be disqualified from consideration. Central Texas area references are preferred.

Company: City of Austin

Contact name: Mark Reeh Phone number: 512 972 0601

Email: mark.reeh@austintexas.gov

500 W. Live Oak St. | Hutto, Texas 78634
512-759-4033 | www.huttotx.gov

Company: City of Pflugerville

Contact name: Richard Byland Phone number: 512 990 6457

Email: richardby@pflugerville tx.gov

Company: Wrrco

Contact name: Keith Armstrong Phone number: 210 325 2383

Email: keith@wrrco.net

4.6 Deviation or Compliance

4.6.1 Deviation

In the event the undersigned Respondent intends to deviate from the general term, conditions, special conditions, or specification contrary to those listed in the "Terms and Conditions" and other information attached hereto, all such deviations must be LISTED IN THIS SECTION, with complete and detailed conditions and information also being attached (attach additional pages as necessary.)

4.6.2 No Deviations

In the absence of any deviation entry in this section, Respondent assures the City of Respondent's compliance with the Terms, Conditions, Specifications, and information contained in this solicitation.

Deviation #	Deviation Title	RFP Reference (related to the deviation)	Detailed Deviation Description

500 W. Live Oak St. | Hutto, Texas 78634
512-759-4033 | www.huttotx.gov

4.7 Cooperative/ Interlocal Purchasing

Authority for local governments to contract with one another to perform certain governmental functions and services, including but not limited to purchasing functions, is granted under Government Code, Title 7, Chapter 791 Interlocal Cooperation Contracts, Subchapter B and Subchapter C, and Local Government Code, Title 8, Chapter 271, Subchapter F, Section 271.101 and Section 271.102.

Other governmental entities within the State of Texas may be extended the opportunity to purchase off of the City of Hutto's IFB, with the consent and agreement of the successful Bidder and the City of Hutto. Such consent and agreement shall be conclusively inferred from the lack of exception to this clause in the Bidder's submission. However, all parties indicate their understanding, and all parties hereby expressly agree that the City of Hutto is not an agent of, partner to, or representative of those outside agencies or entities and that the City of Hutto is not obligated or liable for any action or debts that may arise out of such independently-negotiated cooperative procurements.

Other governmental entities utilizing Interlocal agreements with the City of Hutto may desire but are not obligated, to purchase goods and services defined in this Bid from the successful Bidder. All purchases by governmental entities other than the City of Hutto will be billed directly to and paid by that governmental entity. The City of Hutto will not be responsible for the debts of other governmental entities. Each governmental entity will place its orders with the successful Proposer and be accountable for ensuring full compliance with the specifications.

The City of Hutto will notify the successful Bidder of its intent to award before other governmental entities may place orders.

Please indicate below if you permit other governmental entities to purchase from your agreement with the City of Hutto.

☐ Yes, others can purchase; ☒ No, only the City of Hutto can purchase.

Signature:

Printed Name: Cory Raines

Title: Territory Manager

Date: 12/2/25

500 W. Live Oak St. | Hutto, Texas 78634
512-759-4033 | www.huttotx.gov

4.8 Conflict of Interest Questionnaire

Under Chapter 176 of the Local Government Code, the Respondent must complete a Conflict of Interest Questionnaire at Form CIQ (Conflict of Interest Questionnaire) (state.tx.us). Respondent shall answer each question in the attached Form CIQ in relation to the following individual and submit a completed form with its Solicitation Response.

4.9 Subcontractors

Respondent must identify subcontractors that Respondent intends to utilize to perform work on the Project. Respondent is responsible for ensuring that all insurance requirements, the provision of performance and payment bonds, and other necessary contractual obligations are imposed upon subcontractors.

Article V. Bid

The Bid should reflect the products and or services specified in this solicitation. It shall include all labor, materials, tools, supplies, equipment, disposal fees, and personnel, including, but not limited to, travel expenses, associated costs, and incidental costs necessary to provide the products and/or services outlined in this solicitation. Respondent must submit a Bid Formal, in the form presented in Exhibit C, as a part of the solicitation response.

Article VI. Standard Terms and Special Conditions

6.1 Standard Terms and Special Conditions

6.1.1 Labor, Materials, and Time

Solicitation Responses must incorporate the cost of all labor, materials, tools, supplies, transportation, disposal, equipment, insurance, personnel, and any other necessary ancillary item to satisfactorily perform work requested in this Solicitation. All travel and associated expenses, including all incidental costs, may be set at the rates determined by the U.S. General Services Administration and shall be the responsibility of Respondent unless otherwise negotiated in the Contract.

6.1.2 OSHA Compliance

In responding to this Solicitation, Respondent affirms that it shall observe the rules and regulations found in the Occupational Health and Safety Standards as published by the Occupational Health and Safety Administration, in the performance of all work requested under this Solicitation.

Respondent acknowledges that, if applicable, compliance with Occupational Health and Safety Standards may require the provision of personal protective equipment during work performance.

6.I.3 Interpretation

(a) The City shall be sole interpreter of the terms, conditions, specifications, and performance requirements of this solicitation.

(b) If the unit price and the extended total for an item differ, the figure that is most advantageous to the City will apply. The Respondent or Respondent's agent may not change an opened submission to correct any error.

(c) The Respondent shall also be bound by the Standard Purchasing Terms and Conditions presented in Exhibit B.

6.I.4 Amendments, Rejections, and or withdrawals

(a) The City of Hutto reserves the right to alter, amend, or modify any provisions of this solicitation or to withdraw this solicitation at any time prior to contract award.

(b) The City of Hutto reserves the right to reject any Solicitation Responses received before the contract award.

(c) The City reserves the right to accept and/or reject any and all submissions or any part thereof, waive immaterial errors, and award the contract in the best interest of the City.

6.I.5 Irregularities

Any irregularities or lack of clarity in this solicitation should be brought to the attention of the point of contact listed in Section 2.2.I as soon as possible to ensure corrective addenda may be issued to prospective Respondents via posting on the City website and its Vendor Connection website, Bonfire.

6.I.6 Evaluation, Offer Period and Contract Award

(a) Within thirty (30) days of the submission's opening, the City will evaluate and rank each response with respect to the selection criteria contained in this document. After opening and ranking, an award shall be made based on the Response initially submitted, without discussion, clarification or modification.

(b) The City's policy is not to award a contract based on price alone. The City reserves the right to award the contract to the Respondent with the submission that is determined to be the most advantageous to the City, considering the relative importance of price and the other evaluation factors included in the solicitation.

(c) If the contract is to be awarded, the City will give the successful Respondent a Notice of Award within sixty (60) days after the submission's opening. Upon contract execution, prices submitted by the successful Respondent are an irrevocable offer for the contract term and any contract extension(s). No other costs, rates, or fees shall be payable to Respondent unless expressly agreed upon, in writing, by the City of Hutto.

(d) At the City's sole discretion and convenience, the City may terminate any awarded contract without regard to cause and penalty and pay for the authorized services provided to the date of termination.

(e) Suppose it is determined that any benefit to secure favorable treatment was offered, elicited, or provided by the Respondent or its employee, affiliate, representative, partner, subcontractor, or agent to any officer or employee of the City. In that case, the Respondent will be disqualified from consideration, and/or the awarded contract will be terminated.

6.I.7 Affirmations and Solicitation Acceptance

Execution of Exhibit A of this Solicitation shall constitute an agreement to all terms and conditions specified in this solicitation, including, but not limited to, Exhibit B and all terms and conditions therein.

6.I.8 Open Records

All documents submitted in response to this solicitation shall be subject to the Texas Public Information Act. Following an award, responses are subject to release as public information unless the Solicitation Response or a specific part of the Solicitation Response is deemed exempt from disclosure under the law. Pricing is not considered confidential under any circumstances. Respondent acknowledges and agrees to the following:

a) Information in a Solicitation Response legally exempted from disclosure as a trade secret or other exemption must be stamped in bold red with 'CONFIDENTIAL.' The City will not be responsible for any public disclosure of information if the vendor fails to mark said information as required under this section.

b) Upon request by the City, Respondent shall furnish sufficient written reasons and information as to why certain information should be

withheld from disclosure in response to a public information request. The matter shall then be presented to the Office of the Attorney General of Texas for final determination of confidentiality.

c) The City reserves the right to request clarification or additional information specific to any proposal after all proposals have been received and the Solicitation acceptance period has not closed.

6.I.9 Contract Responsibility

Respondent shall be solely responsible for performing all contractual obligations that may result from an award based on this solicitation. Respondent shall not be relieved of its obligations for any nonperformance by its subcontractors.

6.I.10 Public Disclosure

Respondent will only advertise that it is doing business with the City of Hutto or use a contract resulting from this solicitation as a marketing or sales tool with the prior written consent of the City of Hutto. Respondent may not distribute or disclose this solicitation to any other vendors or companies without permission from the City of Hutto.

6.I.11 Remedies

All remedies available to the City of Hutto for breach or anticipatory breach of any Contract that results from this solicitation are cumulative and may be exercised concurrently or separately. The exercise of any one remedy shall not be deemed an election of such remedy to the exclusion of other remedies. Liquidated damages, actual damages, cost projects, and/or injunctive relief may also be invoked separately or combined with any other remedy per applicable law.

6.2 Insurance and Bonds

6.2.1 Required Insurance Coverages

For the duration of any contract resulting from this Solicitation, Respondent shall acquire insurance with financially sound and reputable independent insurers, as applicable, as set forth below:

Type of Insurance	Amount of Insurance	Required Provisions
Commercial General (Public) Liability to include coverage for, at a minimum, the following: Premises/Operations; Operations; Independent Contractors; Personal Injury, and Contractual Liability.	$1,000,000 per occurrence and $2,000,000 general aggregate OR $2,000,000 combined single coverage limit	The City must be listed as an additional insured and provide thirty (30) days' notice of cancellation or material change in coverage. The City must be provided a waiver of subrogation. City prefers the insurer be rated B+VI or higher by A.M. Best or A or higher by Standard and Poor's.
Business Auto Liability	$1,000,000 combined single limit	The City must be provided with a waiver of subrogation.
Workers' Compensation & Employers Liability	Statutory Limits of $1,000,000 per incident	The City must be provided with a waiver of subrogation.
Professional Liability	$1,000,000 per occurrence	The inclusion of a no-burn-off provision is required.
Liability - Railroads	$1,000,000 Bodily Injury $1,000,000 Property per occurrence required for any work performed on or within fifty (50) feet of any railroad property.	None.

6.2.2 Performance and Payment Bond Amounts

The successful bidder shall furnish to the City of Hutto, within ten (10) days of the notice of award, a Performance Bond in the amount of one hundred percent (100%) of the contract price from an approved surety company holding a permit from the State of Texas, in accordance with the Texas Insurance Code, and solely for the protection of the City in the event the bidder defaults or terminates the contract.

6.3 Disclosure of Interested Parties

Prior to entering into a contract that requires action or vote by the City Council, the Respondent must electronically submit a "Certificate of Interested Parties" Form to the Texas Ethics Commission in accordance with Texas Government Code Section 2252.908, as amended, and a copy to the City of Hutto. The City of Hutto shall have no obligations arising from any Contract resulting from this solicitation until such form is completed and correctly submitted.

Article VII. Submission Checklist

This checklist is provided for convenience only and identifies documents that must be submitted with this solicitation to be considered responsive. Any Solicitation Response received without required documents completed and signed may be disqualified for award.

☐ Solicitation Response Form

☐ Exhibit A – Affirmations and Solicitation Acceptance completed and signed

☐ Exhibit B – Standard Purchasing Terms and Conditions

☐ Exhibit C – Scope of Work & Project Details

☐ Exhibit D – Bid Form completed

☐ Access latest Conflict of Interest Questionnaire here. Please fill out and return with your submission. If no conflicts exist, write N/A on the "Name of Officer" line.

☐ Access latest W-9 form here. Please fill out, and return with your submission.

EXHIBIT A

CITY OF HUTTO
GENERAL AFFIRMATIONS AND SOLICITATION ACCEPTANCE

The Respondent hereby verifies its compliance with each of the following provisions, as applicable:

1. Respondent represents and warrants that all statements and information prepared and submitted in its Solicitation Response are current, complete, true, and accurate. Submittal of false statements or the making of material misrepresentations during the performance of a contract is a material breach of contract and may void the Solicitation Response and any resulting contract.

2. Valid Entity. The Respondent hereby verifies that it is a valid entity authorized to conduct business in the State of Texas in accordance with the requirements presented in Chapter 3 of Texas Business Organizations Code.

3. Israel Boycott. The Respondent hereby verifies that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott Israel and, to the extent this Agreement is a contract for goods or services, will not boycott Israel during the term of this Agreement. The foregoing verification is made solely to comply with Section 2271.002, Texas Government Code, and to the extent such Section does not contravene applicable State or federal law. As used in the foregoing verification, 'boycott Israel' means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli- controlled territory, but does not include an action made for ordinary business purposes. The Respondent understands 'affiliate' to mean an entity that controls, is controlled by, or is under common control with the Respondent and exists to make a profit.

4. Sudan and Iran Sanctions. The Vendor represents that neither, if applicable, it nor any of its respective parent companies, wholly- or majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, and posted on any of the following pages of such officer's internet website: https://comptroller.texas.gov/purchasing/publications/divestment.php.
   The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, and to the extent such Section does not contravene applicable Federal law and excludes the Vendor and its respective parent companies, wholly- or majority-owned subsidiaries, and other affiliates, if any, that the United States government has affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. The Vendor understands "affiliate" to mean any entity that controls, is controlled by, or is under common control with the Vendor and exists to make a profit.

5. Firearm Entity Boycotts. To the extent this Agreement constitutes a contract for the purchase of goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 19, 87th Texas Legislature, Regular Session, "SB 19"), as amended, the Respondent hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any,
   (a) do not have a practice, policy, guidance or directive that discriminates against a firearm entity or firearm trade association; and
   (b) will not discriminate during the term of this Agreement against a firearm entity or firearm trade association.

   The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "discriminate against a firearm entity or firearm trade association" shall have the meaning assigned to such term in Section 2274.001(3), Texas Government Code (as added by SB 19). The Respondent understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Respondent and exists to make a profit.

6. Energy Company Boycotts. To the extent this Agreement constitutes a contract for goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 13, 87th Texas Legislature, Regular Session) as amended, the Respondent hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any, do not boycott energy companies and, will not boycott energy companies during the term of this Agreement. The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "boycott energy companies" shall have the meaning assigned to the term "boycott energy company" in Section 809.001, Texas Government Code. The Respondent understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Trustee and exists to make a profit.

7. HB 1295 Compliance. Section 2252.908 of the Texas Government Code requires that for certain types of contracts, you must fill out a conflict-of-interest form ("Disclosure of Interested Parties") at the time you submit your signed contract to the District. For further information please go to the Texas Ethics Commission website via the following link. www.ethics.state.tx.us. The City has no obligation under this Agreement until such form is accurately completed and properly submitted, and any City obligation is conditioned on such proper completion and submission.

8. Undocumented Workers. The Respondent certifies that it does not and will not knowingly employ an undocumented worker in accordance with Chapter 2264 of the Texas Government Code, as amended. If during the term of this Agreement, the Respondent is convicted of a violation under 8 U.S.C. § 1324a(f), the Respondent shall repay the amount of the public subsidy provided under this Agreement as required by law. Pursuant to Section 2264.101, Texas Government Code, a business is not liable for a violation of

Chapter 2264 by a subsidiary, affiliate, or franchisee of the business, or by a person with whom the business contracts.

9. Prohibition of Contracts with Companies Engaged in Business with Iran, Sudan, or Foreign Terrorist Organizations. Pursuant to Section 2252.152, Texas Government Code, neither the Respondent nor any wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of the Respondent is a company currently listed by the Texas Comptroller of Public Accounts under Section 806.051, 807.051, or 2252.153 of the Texas Government Code.

10. Sample Form 1295. Pursuant to Section 2252.908 of the Texas Government Code, Respondent must submit, to the Texas Ethics Commission via the website found at www.ethics.state.tx.us, the below-presented Form 1295. A completed version of this form must be provided to the City for incorporation into this Exhibit A to be considered complete.

Authorized Signature: _____

Printed Name & Title: Cory Raines

Date: 12/2/25

Phone: 512 423 2268

CERTIFICATE OF INTERESTED PARTIES — FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY

1 **Name of business entity filing form, and the city, state and country of the business entity's place of business.**

2 **Name of governmental entity or state agency that is a party to the contract for which the form is being filed.**

3 **Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.**

4 Name of Interested Party	City, State, Country (place of business)	Nature of Interest (check applicable)	
		Controlling	Intermediary

5 **Check only if there is no Interested Party.** ☐

6 **UNSWORN DECLARATION**

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20_____.
(month) (year)

_____
Signature of authorized agent of contracting business entity
(Declarant)

ADD ADDITIONAL PAGES AS NECESSARY

Form provided by Texas Ethics Commission www.ethics.state.tx.us Revised 12/22/2017

Must file online at www.ethics.state.tx.us/File

Exhibit B
Standard Definitions, Terms and Conditions

By acceptance of a Purchase Order or Agreement, or response to a Solicitation, Vendor agrees to the following terms and conditions, without modification, will govern:

I. DEFINITIONS

The following definitions shall be used to identify terms throughout procurement documents:

A. ADDENDUM – A written instrument issued by the City that modifies or clarifies the Solicitation prior to the Due Date. "Addenda" is the plural form of the word.

B. AGREEMENT/CONTRACT – A mutually binding legal document obligating the Vendor to furnish the goods, equipment, or services specified within the Solicitation and obligating the City to pay for the goods, equipment, or services specified.

C. APPROPRIATE, APPROPRIATED, OR APPROPRIATION – The adoption by the City Council of a budget for a fiscal year that includes payments to be made under the Contract during the respective fiscal year.

D. BID/PROPOSAL/RESPONSE/OFFER/QUOTE/QUOTATION – A complete, properly signed response to a Solicitation that, if accepted, would bind the Respondent to perform the resulting Contract.

E. BIDDER/PROPOSER/RESPONDENT/OFFEROR– A person, firm, or entity identified throughout the Solicitation that they consider themselves qualified to provide the goods, equipment, or services specified herein, and are interested in making an offer to provide the goods, equipment, or services to the City.

F. CITY – The City of Hutto, a Home Rule law city located in Williamson County, Texas.

G. DELIVERABLES – The goods, products, materials, and/or services to be provided to the City under a Purchase Order or Contract.

H. DUE DATE – The date and time specified for receipt of Bids, Proposals, Responses, Offers, Quotations, and Qualification Statements.

I. GOODS – Materials, supplies, commodities, and/or equipment.

J. LATE OFFER – A Bid, Proposal, Quote, Response, or Submittal that is received after the Due Date and time specified in the Solicitation.

K. NON-PROFESSIONAL SERVICES – Services performed that are not of a professional nature such as lawn care, security, janitorial, etc.

L. PIGGYBACK CONTRACT – A Contract or Agreement that has been competitively bid in accordance with State of Texas statutes, rules, policies, and procedures and has been extended for the use of other state and local agencies and active State of Texas CO-OP entities.

M. PURCHASE ORDER – An order placed by the City for the purchase of goods or services issued on the City's standard purchase order form and which, when accepted by the Vendor, becomes a Contract. The Purchase Order is the Vendor's authority to deliver and invoice the City for Goods or Services specified, and the City's commitment to accept the Goods or Services for an agreed-upon price.

N. PROFESSIONAL SERVICES – Services that use skills that are predominantly mental or intellectual, rather than physical or manual such as accounting, architecture, land surveying, law, medicine, optometry, professional engineering, etc.

O. REQUEST FOR QUALIFICATIONS STATEMENTS (RFQ) – A solicitation used to acquire professional services as defined by the State of Texas Government Code, Chapter 2254, commonly known as the Professional Services Procurement Act.

P. RESPONSIBLE – Refers to the financial and practical ability of the Offeror to perform the Contract and takes into consideration resources, expertise, and past performance of the Offeror as well as compliance with all City ordinances and regulations concerning the purchasing process.

Q. RESPONSIVE – A response to a Solicitation that meets all the requirements of a Solicitation.

R. SERVICES – Work performed to meet the requirements and demands of the Purchase Order. The furnishing of labor, time, or effort by the Vendor and their ability to comply with promised delivery dates, specifications, and technical assistance specified.

S. SOLICITATION/INVITATION TO BID/REQUEST FOR PROPOSALS/REQUEST FOR QUOTES – The Solicitation document issued by the City that contains terms, conditions, and specifications for the service or commodity to be procured.

T. SUBCONTRACTOR – Any person or business enterprise providing goods, labor, and/or services to a Vendor if such goods, equipment, labor, and/or services are procured or used in fulfillment of the Vendor's obligations arising from a Contract with the City.

U. VENDOR/CONTRACTOR – Person or business enterprise providing goods, equipment, labor, and/or services to the City as fulfillment of obligations arising from an Agreement or Purchase Order.

2. SOLICITATIONS

A. CONFLICT OF INTEREST:

Chapter I76 of the Texas Local Government Code requires an entity contracting or seeking to contract for the sale or purchase of property, goods, or services with a local governmental entity to disclose any affiliation or business relationship which might create a conflict of interest with a local government entity. The Conflict of Interest Questionnaire is available from the Texas Ethics Commission at https://www.ethics.state.tx.us/data/forms/conflict/CIQ.pdf, and completed forms must be submitted to the appropriate records administrator of the City not later than the seventh business day after the date the entity begins contract discussions or negotiations with the local governmental entity, or submits to the local governmental entity an application, response to a Request for Proposals or Bids, correspondence, or another writing related to a potential Agreement with the local governmental entity. If responding to a Solicitation, the Conflict-of-Interest Form may be submitted with the Response. The completed forms may be mailed or hand-delivered to the City Secretary at the following address: The City Manager or City Designee, Hutto, TX 78634. Any attempt to intentionally or unintentionally conceal a conflict of interest may result in disqualification of any response to a solicitation.

B. COMMUNICATIONS WITH THE CITY

To insure the proper and fair evaluation of a Solicitation, the city prohibits ex parte communication (e.g., unsolicited) initiated by the Offeror to any City Official or Employee evaluating or considering the Responses prior to the time an award has been made. Communication between Offeror and the City will be initiated by the appropriate City Official or Employee in order to obtain information or clarification needed to develop a proper and accurate evaluation of the Solicitation. Ex parte communication may be grounds for disqualifying the offending Offeror from consideration or award of the Solicitation then in evaluation or any future Solicitation.

Unless otherwise specified, all requests for clarification or questions regarding a Solicitation must be directed to the

City of Hutto
Purchasing Officer
500 W. Live Oak Street
Hutto, TX 78634

C. DISCLOSURE OF PENDING LITIGATION

Each Respondent shall include in its proposal a complete disclosure of any material civil or criminal litigation or pending investigation which involves the Respondent or in which the Respondent has been judged guilty.

D. CONFIDENTIALITY OF RESPONSES, PUBLIC INFORMATION ACT

All Responses are subject to release as public information unless the Response or specific parts of the Response can be shown to be exempt from the Texas Public Information Act. Respondents are advised to consult with their legal counsel regarding disclosure issues and take the appropriate precautions to safeguard copyrighted information, trade secrets, or any other proprietary information. The City assumes no obligation or responsibility for asserting legal arguments on behalf of potential Respondents.

If a Respondent believes that a Response or parts of a Response are confidential, then the Respondent shall so specify. The Respondent shall stamp in bold red letters the term "CONFIDENTIAL" on that part of the Response, which the Respondent believes to be confidential. Vague and general claims as to confidentiality shall not be accepted. All Responses and parts of Responses that are not marked as confidential will be automatically considered public information. Notwithstanding, responses to Requests for Proposals shall be opened in a manner that avoids disclosure of the contents to competing offeror and keeps the proposals secret during negotiations as provided for in Section 252.049 of the Local Government Code.

E. CLARIFICATIONS, WAIVER OF MINOR TECHNICALITIES OR DISCREPANCIES

The City reserves the right to request clarification or additional information specific to any Response after all Responses have been received and the Solicitation Due Date has passed. Additionally, the City reserves the right to accept or reject all or part of any Response, waive any formalities or technical inconsistencies, delete any requirement or specification from the Solicitation, or terminate the Solicitation when deemed to be in the City's best interest.

F. COST OF PREPARATION OF RESPONSE

All costs directly or indirectly related to the preparation of a Response to this Solicitation or any oral presentation required to supplement and/or clarify a Response which may be required by the City shall be the sole responsibility of the Respondent.

G. RESPONSES BECOME PROPERTY OF THE CITY

Submissions received in response to a Solicitation become the sole property of the City.

H. WITHDRAWAL OF A RESPONSE

A Response may be withdrawn prior to the submission deadline by submitting a written request for its withdrawal to the Purchasing Office. A new Response may be submitted and must be received prior to the submission deadline to be considered. Modifications offered in any manner will not be considered if submitted after the submission deadline.

I. DETERMINATION OF AWARD, RESULTING AGREEMENT

In determining the award, the City reserves the right to select the acceptable Respondent who will offer contractual terms and conditions most favorable to the City. All requirements stated in the Solicitation shall become a part of any Contract, Agreement, or Purchase Order awarded as a result of the Solicitation, and any deviations from these requirements must be specifically stated and defined by the Respondent in their Response. Requests for clarification and the responses(s) shall also become a part of any Contract, Agreement, or Purchase Order resulting from the Solicitation.

J. AFFIRMATIONS AND CERTIFICATIONS

By signature on and submission of a Response, Respondent certifies they have not conspired with any other potential supplier in any manner to attempt to control competitive pricing. By signature on and submission of a Response, Respondent certifies they are duly qualified, capable, and a bondable business entity not in receivership or contemplating same and has not filed for bankruptcy. By signature on and submission of a Response, Respondent affirms that they will not discriminate against any employee or applicant as prohibited by law.

K. REQUIREMENTS FOR SUBMISSION OF RESPONSE OF FORMAL SOLICITATION

1. All Responses must be submitted on the form provided by the City and accompanied by all required attachments. Responses must be submitted before the due date and time shown on the Solicitation. Only electronic responses will be accepted. Physical submission or Late Responses will not be considered.
2. If applicable, Respondent will show the exact cost to deliver. Responses must specify the unit price on the quantity specified, extent, and show total. Unit prices shall govern, including in case of errors. Cash discounts will not be considered in determining award; all cash discounts offered will be taken if earned. Respondent will list and deduct all discounts not based on early payment from prices quoted.
3. The City is exempt from all federal excise, state, and local taxes unless otherwise stated. The City claims exemption from under Texas Tax Code §151.309, as amended. Texas Limited Sales Tax Exemption Certificates will be furnished upon request. Do not include taxes in Response to any Solicitation.
4. Unless stated otherwise, any catalog, brand name, or manufacturer's reference used in the Solicitation is descriptive (not restrictive) and is used to indicate type and quality desired. Responses on brands of like nature and quality will be considered. If quoting on other than referenced specifications, the Response MUST show manufacturer brand or trade name and description of product offered. Illustrations and complete descriptions of product offered should be made part of the Response. If Respondent does not identify exceptions to the specifications shown in this Invitation, Respondent will be required to furnish brand names, numbers, etc., as shown in the Solicitation.

5. Response must show the number of days required to deliver items or provide services to the City's designated location under normal conditions. Unrealistically short or long delivery promises may cause Response to be disregarded.

3. PURCHASE ORDERS

A. GENERAL TERMS AND CONDITIONS

i. ACCEPTANCE

A Purchase Order is the City's commitment to make procurement and is subject to Vendor's acceptance of the City's terms and conditions.

ii. ABSESENCES OF PURCHASE ORDER OR AGREEMENT

The City is not responsible for delivery of any materials or services without a proper Purchase Order.

iii. VENDORS OBLIGATIONS

The Vendor shall fully and timely provide all deliverables described in the Solicitation and in the Vendor's Offer in strict accordance with the terms, covenants, and conditions of the Agreement and all applicable Federal, State, and local laws, rules, and regulations.

iv. EFFECTIVE DATE/TERM

Unless otherwise specified in the Solicitation, this Agreement shall be effective as of the date the City issues and signs the Purchase Order and shall continue in effect until all obligations are performed in accordance with the Agreement.

v. SUBCONTRACTORS

I. Require that all deliverables to be provided by the Subcontractor be provided in strict accordance with the provisions, specifications, and terms of the Agreement;
2. Prohibit the Subcontractor from further subcontracting any portion of the Agreement without the prior written consent of the City and the Vendor. The City may require, as a condition to such further subcontracting, that the Subcontractor post a payment bond in form, substance, and amount acceptable to the City;
3. Require Subcontractors to submit all invoices and applications for payments, including any claims for additional payments, damages or otherwise, to the Vendor in sufficient time to

enable the Vendor to include same with its invoice or application for payment to the City in accordance with the terms of the Agreement;

4. Require that all Subcontractors obtain and maintain, throughout the term of their contract, insurance in the type and amounts specified and shall name the City as an insured party;
5. Require that the Subcontractor indemnify and hold the City harmless to the same extent as the Contractor is required to indemnify the City;
6. Pay each Subcontractor its appropriate share of payments made to the Vendor not later than ten (10) calendar days after receipt of payment from the City.

vi. DELAYS

The City may delay scheduled delivery or other due dates by written notice to the Vendor if the City deems it is in its best interest. If such delay causes an increase in the cost of the work under the Agreement, the City and the Vendor shall negotiate an equitable adjustment for costs incurred by the Vendor in the Agreement price and execute an amendment to the Agreement. The Vendor must assert its right to an adjustment within ten (10) calendar days from the date of receipt of the notice of delay. Failure to agree on any adjusted price shall be handled under the Dispute Resolution Process specified in Section. However, nothing in this provision shall excuse the Vendor from delaying the delivery as notified.

vii. FORCE MAJEURE

Neither party shall be liable for any default or delay in the performance of its obligations under this Agreement if, while and to the extent such default or delay is caused by acts of God, fire, riots, civil commotion, labor disruptions, sabotage, sovereign conduct, or any other cause beyond reasonable control. In the event of default or delay in performance due to any of the foregoing causes, then the time for completion of the services will be extended; provided, however, in such an event, a conference will be held within three (3) business days to establish a mutually agreeable period of time reasonably necessary to overcome the effect of such failure to perform.

viii. INSURANCE REQUIREMENTS

Unless specific insurance requirements are noted, Vendor shall maintain insurance coverage appropriate for the fulfillment of the Purchase Order. In the event the Vendor, its employees, agents, or subcontractors enter premises occupied by or under the control of the City, the Vendor agrees to maintain public liability and property damage insurance in reasonable limits covering the obligations set forth in this

Purchase Order and will maintain Workers' Compensation coverage (either by insurance or if qualified pursuant to law, through a self-insurance program) covering all employees performing on premises occupied by or under control of the City. The Vendor shall not commence work until the required insurance is obtained. Upon request, Vendor shall provide a copy of its insurance policies to the City within fourteen (14) days. Failure to provide the required certificate of insurance may subject the vendor to disqualification from consideration for the award. The Vendor must also forward a certificate of insurance to the City whenever a previously identified policy period has expired, or an extension option or hold over period is exercised, as verification of continuing coverage.

For the duration of any contract resulting from this Solicitation, Vendor shall acquire insurance with financially sound and reputable independent insurers, as applicable, as set forth below:

Type of Insurance	Amount of Insurance	Required Provisions
Commercial General (Public) Liability to include coverage for, at a minimum, the following: Premises/Operations; Operations; Independent Contractors; Personal Injury, And Contractual Liability.	$1,000,000 per occurrence and $2,000,000 general aggregate OR $2,000,000 combined single coverage limit	The City must be listed as an additional insured and provide thirty (30) days' notice of cancellation or material change in coverage. The City must be provided a waiver of subrogation. City prefers the insurer be rated B+VI or higher by A.M. Best or A or higher by Standard and Poor's.
Business Auto Liability	$1,000,000 combined single limit	The City must be provided with a waiver of subrogation.
Workers' Compensation & Employers Liability	Statutory Limits of $1,000,000 per incident	The City must be provided with a waiver of subrogation.
Professional Liability	$1,000,000 per occurrence	The inclusion of a no- burn-off provision is required.
Liability - Railroads	$1,000,000 Bodily Injury $1,000,000 Property per occurrence required for any work performed on or within fifty (50) feet of any railroad property.	None.

Prior to the execution of any awarded contract by the City, the successful Proposer shall forward Certificates of Insurance to the Purchasing Manager. The required insurance policies shall be procured and maintained in full force and effect for the duration of the awarded contract. Certificate Holder shall be:

City of Hutto at 500
W. Live Oak St
Hutto, Texas

ix. EXCEPTIONS TO SPECIFICATIONS

Deviation from the specifications must be clearly indicated in the Response to the Solicitation or promptly documented in writing at or before the time of the award. Any deviations or exceptions are subject to review by the City and may be grounds for rejection.

x. TRAVEL EXPENSES

All travel, lodging, and/or per diem expenses associated with providing the materials, equipment, or services specified must be included in the original Quotation and/or the resulting Purchase Order or Agreement. All travel expenses are subject to review by the City and documentation of actual itemized expenses may be requested. No reimbursement will be made without prior authorization, or for expenses not actually incurred. Airline fares in excess of coach or economy will not be reimbursed.

xi. HUB REQUIREMENTS

The City complies with the requirements of the State of Texas Local Government Code, Chapter 252, Section 252.0215.

xii. SPECIAL TOOLS & EQUIPMENT

If the price stated in the Offer includes the cost of any special tooling or special test equipment fabricated or required by the Vendor to fulfill the Agreement, such special tooling and/or equipment and all process sheets associated thereto shall become the property of the City and shall be identified by the Vendor as such.

B. SERVICES

i. PLACES & CONDITIONS OF WORK, ACCESS TO SITE

If Services are to be performed principally on the City's premises or in public rights of way, the City shall provide the Vendor access to the sites where the Vendor is to perform the Services as required for the Vendor to perform in a timely and efficient manner, in accordance with and subject to applicable security laws, rules and regulations. The Vendor acknowledges that it has satisfied itself as to the nature of the City's service requirements and specifications, the location and essential characteristics of the work sites, the quality and quantity of the materials, equipment, labor, and facilities necessary to perform the Services and any other conditions or states of fact which could, in any way, affect the performance of the Vendor's obligations under the Agreement. The Vendor shall promptly notify the City if the actual site or service conditions differ from the expected conditions and failing to do so, hereby releases and holds the City harmless from and against any liability or claim for damages of any kind or nature.

ii. VENDOR TO PROVIDE ALL MATERIAL, EQUIPMENT & LABOR

Vendor shall provide all goods and labor necessary to perform Services. All material must be new and all equipment utilized must be in good safe working condition and suitable for Services. Vendor shall employ all personnel for Services in accordance with the requirements of applicable local, state, and federal law.

iii. WORKFORCE

If Services are to be performed principally on the City's premises or on public right-of-way's:

Vendor shall employ only orderly and competent workers, skilled in the performance of the Services which they will perform under the Agreement. Vendor, its employees, subcontractors, and subcontractor's employees while engaged in participating in a Solicitation or while in the course and scope of delivering goods and services under a City Purchase Order or Agreement may not: use or possess a firearm, including a concealed handgun that is licensed under state law, except as required by the terms of the Agreement; or use or possess alcoholic or other intoxicating beverages, illegal drugs or controlled substances, nor may such workers be intoxicated or under the influence of alcohol or drugs while on the job.

If the City or the City's representative notifies the Vendor that any worker is incompetent, disorderly, or disobedient, has knowingly or repeatedly violated safety regulations, has possessed firearms, or has possessed or was under the influence of alcohol or drugs on the job, the Vendor shall immediately remove such worker from Agreement services and may not employ such worker again on Agreement services without the City's prior consent.

iv. COMPLIANCE WITH ALL HEALTH, SAFETY & ENVIRONMENTAL REQUIREMENTS

If Services are to be performed principally on the City's premises or on public rights of way, the Vendor, its subcontractors, and their respective employees, shall comply fully with all applicable federal, state, and local health, safety, and environmental laws, ordinances, rules, and regulations in the performance of the Services, including but not limited to those promulgated with the City and the Occupational Safety and Health Administration (OSHA). In the case of conflict, the most stringent safety requirement shall govern. The Vendor shall defend, indemnify, and hold the City harmless from and against all claims, demands, suits, actions, judgments, fines, penalties, and liabilities of any kind or nature arising from the breach of the Vendor's obligations under this paragraph.

v. STOP WORK NOTICE

The City may issue an immediate Stop Work Notice in the event the Vendor is observed performing in a manner that is in violation of Federal, State, or local guidelines, or in a manner that is determined by the City to be unsafe to either life or property. Upon notification, the Vendor shall cease all work until notified by the City that the violation or unsafe condition has been corrected. The Vendor shall be liable for all costs incurred by the City as a result of the issuance of such Stop Work Notice.

vi. WARRANTY OF SERVICES

Vendor warrants and represents that all Services to be provided to the City under the Agreement will be fully and timely performed in good and workmanlike manner in accordance with generally accepted industry standards and practices, the terms, conditions, and covenants of the Agreement, and all applicable Federal, State, and local laws, rules or regulations. This warranty may not be limited, excluded, or disclaimed and any attempt to do so will be without force or effect. Unless otherwise specified, the warranty period shall be a minimum of one (I) year from acceptance by the City of Services. In the event any applicable warranty is breached, the Vendor shall promptly upon receipt of demand of performance, perform the Services again in accordance with the above standard at no additional costs to the City. All costs incidental to such additional performance shall be borne solely by the Vendor. The City shall endeavor to give the Vendor written notice of the breach of warranty within thirty (30) calendar days of discovery of the breach of warranty, but failure to give timely notice shall not impair the City's rights under this section. In the event the Vendor is unable or unwilling to perform the services in accordance with the above standards as required by the City, then in addition to any other available remedy, the City may reduce the number of services originally required to purchase from the Vendor under the Agreement and procure conforming services from other sources. In such event, the Vendor shall pay the City upon demand the increased cost, if any, incurred by the City to procure such services from an alternative source.

C. COMMODITIES/EQUIPMENT

i. MATERIAL SAFETY DATA SHEETS

Under the "Hazardous Communication Act," commonly known as the "Texas Right to Know Act," a Vendor must provide the City WITH EACH DELIVERY Material Safety Data Sheets, which are applicable to hazardous substances as defined in the Act.

ii. GOODS

Goods furnished shall be new and the latest improved model in current production, as offered to commercial trade, and shall be of quality workmanship and material. The Vendor represents that all goods and equipment offered shall be new. Unless otherwise specified, used, shopworn, demonstrator, prototype, or discontinued models are not acceptable.

iii. PACKAGING OF DELIVERABLES

Vendor must package deliverables in accordance with good commercial practice and shall include a packing list showing the description of each item, the quantity and the unit price. Unless otherwise provided in writing by the City, each shipping container shall be clearly and permanently marked with the Vendor's name and address, and the City's name, address, and Purchase Order number. Vendor shall bear all costs of packaging. Deliverables must be suitably packed to secure lowest transportation cost, conform with requirements of common carriers and ensure safe delivery. The City's count or weight shall be final and conclusive on shipments not accompanied by packing lists.

iv. WARRANTY

The goods or equipment specified shall be warranted against defects in material or workmanship for a period of not less than twelve (I2) months from date of acceptance by the City. If the manufacturer's warranty exceeds twelve (I2) months, then the manufacturer's warranty shall be in effect. Vendor shall furnish a copy of the manufacturer's warranty at the time of delivery.

v. NO LIMITATION OF MANUFACTURERS' WARRANTIES

Vendor may not limit, exclude or disclaim any warranty provided by manufacturer.

D. DELIVERY

i. DELIVERY TERMS, TRANSPORTATION CHARGES, FOB

Deliverables shall be shipped FOB destination (point of delivery) unless otherwise specified on the Purchase Order or in the Solicitation. The Vendor's price shall be deemed to include all delivery and transportation charges. The City shall have the right to designate what method of transportation shall be used to ship deliverables. The place of delivery shall be specified in the Purchase Order.

ii. NO SUBSTITIONS OR CANCELLATIONS

Unless specifically permitted in writing by the City, no substitutions or cancellations shall be acceptable.

iii. NOTICE OF DELAY IN DELIVERY

If a delay in delivery is anticipated, Vendor shall give written notice to the City. The City has the right to extend the delivery time/service date or to cancel the Purchase Order or Agreement. Vendor shall keep the City advised at all times of the status of the order. Default in promised delivery, service or failure to meet specifications authorizes the City to procure the goods or services from an alternate source and charge the full increase, if any, in cost and handling to defaulting Vendor. Default on delivery may result in legal action and recourse.

iv. DELIVERY LOCATION HOURS, DAYS, HOLIDAYS

Unless otherwise specified, all deliveries must be made to City of Hutto, at the City Department ship to address on the Purchase Order between the hours of 8 a.m. and 4 p.m. (CST), Monday through Friday except regularly observed state and federal holidays. Receipt of goods or materials does not signify acceptance.

v. NO SHIPMENT UNDER RESERVATION

Vendor is not authorized to ship deliverables under reservation and no tender of bill of lading will operate as a tender of deliverables.

vi. TITLE/RISK OF LOSS

Title to and risk of loss of the deliverables shall pass to the City only when the City receives and accepts the deliverables (no delivery, no sale).

vii. RIGHT OF INSPECITON & REJECTION

The City expressly reserves all rights under the law, including but not limited to, the Uniform Commercial Code, to inspect the deliverables at delivery or at a reasonable time subsequent to delivery, and to reject defective or non-conforming deliverables. If the City has the right to inspect the Vendor's or the Vendor's subcontractors' facilities, or the deliverables at the Vendor's or the Vendor's subcontractors' premises, the Vendor shall furnish or shall cause to be furnished without additional charge all reasonable facilities and assistance to the City to facilitate such inspection.

viii. ACCEPTANCE OF INCOMPLETE OR NON-COMFORMING GOODS

If, instead of requiring immediate correction or removal and replacement of defective or non-conforming deliverables, the City prefers to accept such deliverables, the City may do so. The Vendor shall pay all claims, losses, and damages attributable to the City's evaluation of and determination to accept such defective or non-conforming deliverables. If any such acceptance occurs prior to final payment, the City may deduct such amounts as are necessary to compensate the City for the diminished value of the defective or non-conforming deliverables. If discovery that the deliverables are defective or non- conforming occurs after final payment, Vendor may be required to refund such amounts to the City.

E. PAYMENT

i. TAX EXEMPT STATUS

The City is exempt from all federal excise, state and local taxes unless otherwise stated in this document. The City claims exemption from all sales and/or use taxes under Texas Tax Code §151.309, as amended. Texas Limited Sales Tax Exemption Certificates are furnished upon request. Vendor will not charge for such taxes. If billed, the City will not remit payment until a corrected invoice is received.

ii. INVOICING REQUIREMENTS

Unless otherwise specified, all invoices shall be submitted to the City of Hutto, City Manager or City Designee, 500 W. Live Oak Street Hutto, TX 78634 and issued as required by the Purchase Order or Agreement. Each invoice must reference the unique Purchase Order number and include the Vendor's complete name and remit to address. If applicable, transportation and delivery charges must be itemized on the invoice. A copy of the bill of lading and the freight waybill must be submitted with the invoice, if applicable. Invoices for labor must include a copy of all time sheets with labor rate and Purchase Order or Agreement number clearly identified. Invoices for labor shall also include a tabulation of hours worked at the appropriate rates and grouped by work order number, if applicable. Time billed for labor shall be limited to hours worked at the work site.

iii. PAYMENT TERMS

All payments will be processed in accordance with Texas Prompt Payment Act, *Texas Government Code*, Subchapter B, Chapter 225I. The City will make every effort to pay Vendor within thirty days after the later of: acceptance of goods, supplies, materials, equipment, the day of performance of services was completed; or the day of receipt of a correct invoice for goods, supplies, materials, equipment or services. The Vendor may charge a late fee (fee shall not be greater than that permitted under the Texas Prompt Payment Act) for payments not made in accordance with this prompt payment policy; however, the policy does not apply to payments made by the City in the event: (a) there is a bona fide dispute between the City and Vendor concerning the goods, supplies, materials, equipment delivered, or the services performed, that causes the payment to be late; (b) the terms of a federal agreement, grant, regulation or statute prevents the City from making a timely payment with Federal funds; (c) there is a bona fide dispute between the Vendor and a subcontractor and its suppliers concerning goods, supplies, material or equipment delivered, or the services performed, which caused the payment to be late; or (d) the invoice is not mailed to the City in strict accordance with instructions on the Purchase Order or Agreement, or other such contractual agreement.

iv. RIGHT TO AUDIT

The Vendor agrees that the representatives of the City shall have access to, and the rights to audit, examine, or reproduce, any and all records of the Vendor related to the performance under this Agreement. The Vendor shall retain all such records for a period of four (4) years after final payment on this Agreement or until all audit and litigation matters that the City has brought to the attention of the Vendor are resolved, whichever is longer. The Vendor agrees to refund to the City any overpayments disclosed by any such audit.

v. FIRM PRICING

The price shall remain firm for the duration of the Purchase Order or Contract, or extension periods. No separate line-item charges shall be permitted for either bidding or invoice purposes, which shall include equipment rental, demurrage, fuel surcharges, delivery charges, and cost associated with obtaining permits or any other extraneous charges. Vendor further certifies that the prices in the Offer have been arrived at independently without consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such fees with any other firm or with any competitor.

vi. PRICE WARRANTY

The Vendor warrants the prices quoted are not materially higher than the Vendor's current prices on orders by others for like deliverables under similar terms of purchase. In addition to any other remedy available, the City may deduct from any amounts owed to the Vendor, or otherwise recover, any amounts paid for items materially in excess of the Vendor's current prices on orders by others for like deliverables under similar terms of purchase.

vii. VENDOR OWING TAXES OR FEES TO THE CITY

Payment will not be made to any person, firm, or in arrears in taxes or fees to the City.

viii. TERMS, CONDITIONS & ADDITIONAL REQUIREMENTS

A. VENDOR'S OBLIGATION

Vendor shall fully and timely provide all deliverables described in Solicitation and in the Vendor's Offer in strict accordance with the terms, covenants, and conditions of the Agreement and all applicable federal, state, and local laws, rules and regulations.

B. DEFAULT

Vendor shall be in default under the Agreement if the Vendor: (a) fails to fully, timely, and faithfully perform any of its material obligations under the Agreement, (b) becomes insolvent or seeks relief under the bankruptcy laws of the United States or (c) makes a material misrepresentation in Vendor's Offer, or in any report or deliverable required to be submitted by Vendor to the City.

C. ABANDONMENT OR DEFAULT

A Vendor who abandons or defaults the work on the Agreement and causes the City to purchase the services elsewhere may be charged the difference in service if any and may not be considered in the re-advertisement of the service and may be rejected as an irresponsible bidder and not considered in future Solicitations for the same type of service unless the scope of work is significantly modified.

D. TERMINATION/CANCELLATION

I. TERMINATION FOR CAUSE

In the event of default by the Vendor, the City shall have the right to terminate the Agreement for cause, by written notice effective ten (10) calendar days, unless otherwise specified, after the date of such notice, unless the Vendor, within such ten (10) day period cures such default, or provides evidence sufficient to prove to the City's satisfaction that such default does not, in fact, exist. In addition to any other remedies available under law or in equity, the City shall be entitled to recover all actual damages, costs, losses, and expenses incurred by the City as a result of the Vendor's default, including without limitation, cost of cover, reasonable attorneys' fees, court costs, prejudgment and post- judgment interest at the maximum lawful rate. Additionally, in the event of default by the Vendor, the City may remove the Vendor from the City's Vendor List and any Offer submitted by the Vendor may be disqualified for up to three (3) years. All rights and remedies under the Agreement are cumulative and not exclusive of any other right or remedy provided by law.

2. TERMINATION WITHOUT CAUSE

The City shall have the right to terminate the Agreement, in whole or in part, without cause at any time upon thirty (30) calendar days prior written notice. Upon receipt of a notice of termination, the Vendor shall promptly cease all further work pursuant to the Agreement, with such exceptions, if any, specified in the notice of termination. The City shall pay the Vendor, to the extent of funds appropriated or otherwise legally available for such purposes, for all goods delivered and services performed and obligations incurred prior to the date of termination in accordance with the terms hereof.

3. NON-APPROPRIATION

The resulting Agreement is a commitment of the City's current revenues only. It is understood and agreed that the City shall have the right to terminate the Agreement at the end of any City fiscal year (September 30th) if the governing body of the City does not appropriate funds sufficient to purchase the estimated yearly quantities, as determined by the City's budget for the fiscal year in question. The City may effect such termination by giving the Vendor written notice of termination at the end of its then current fiscal year.

4. CANCELLATION

The City reserves the right to cancel the Agreement for default all or any part of the delivered portion of the deliverables if the Vendor breaches any term hereof including warranties, becomes insolvent, or commits acts of bankruptcy. Such right of cancellation is in addition to and not in lieu of any remedies which the City may have in law or in equity.

F. FRAUD

Fraudulent statements by the Vendor on any Offer or in any report or deliverable required to be submitted by the Vendor to the City shall be grounds for termination of the Agreement for cause by the City and may result in legal action.

G. INDEMNITY

VENDOR SHALL DEFEND (at the option of the City), INDEMNIFY AND HOLD HARMLESS THE CITY, ITS OFFICERS, AGENTS, SERVANTS AND EMPLOYEES FROM AND AGAINST ANY AND ALL SUITS, ACTIONS, LEGAL PROCEEDINGS, CAUSES OF ACTION, CLAIMS, DEMANDS, DAMAGES, JUDGMENTS, LOSSES, LIENS, COSTS, EXPENSES, ATTORNEYS' FEES AND ANY AND ALL OTHER COSTS, FEES AND/OR CLAIMS OF ANY KIND OR DESCRIPTION ARISING OUT OF, IN CONNECTION WITH OR RESULTING FROM THE AGREEMENT OR THE GOODS OR SERVICES PROVIDED UNDER THE AGREEMENT. THE VENDOR AND THE CITY ARE CONCURRENTLY NEGLIGENT, EACH PARTY'S LIABILITY SHALL BE LIMITED TO THAT PORTION OF NEGLIGENCE ATTRIBUTABLE TO IT AS DETERMINED UNDER THE APPLICABLE PROPORTIONATE RESPONSIBILITY RULES OF THE STATE OF TEXAS. NOTHING HEREIN SHALL BE DEEMED TO LIMIT THE RIGHTS OF THE CITY OR THE CONTRACTOR (INCLUDING, BUT NOT LIMITED TO, THE RIGHT TO SEEK CONTRIBUTION) AGAINST ANY THIRD PARTY WHO MAY BE LIABLE FOR AN INDEMNIFIED CLAIM.

H. LIABILITY

Any person, firm or corporation performing services pursuant to this Agreement or Purchase Order shall be liable for all damages incurred while in

the performance of such services. Vendor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the City, its officers, agents and employees from all claims, demands and causes of action of any nature including the cost of defense thereof, for any injury to, including death of, any person whether that person be a third party, supplier or an employee of either of the parties hereto, and any loss of or damage to property, whether the same be that of either of the parties, caused by or alleged to have been caused by, arising out of or in connection with the issuance of the Agreement or Purchase Order to the Vendor and the negligence of the Vendor, whether or not said claims, demands and causes of action in whole or in part are covered by insurance. Certificates of insurance may be required for, but not limited to, Commercial General Liability, Business Auto Liability, Workers Compensation and Professional Liability Insurance.

I. INFRINGEMENT

Vendor represents and warrants to the City that: (a) Vendor shall provide the City good and indefeasible title to the deliverables and (b) the deliverables supplied by the Vendor in accordance with the specifications of the Agreement shall not infringe, directly or contributory, any patent, trademark, copyright, trade secret or any other intellectual property right of any kind of any third party; that no claims have been made by any person or entity with respect to the ownership or operation of the deliverables and the Vendor does not know of any basis for any such claims. Vendor shall, at its sole expense, defend, indemnify and hold the City harmless from and against all liability, damages, and costs (including court costs and reasonable fees of attorneys and other professionals) arising out of or resulting from: (a) any claim that the City's exercise anywhere in the world of the rights associated with the City's ownership, and if applicable, license rights, and its use of the deliverable infringes the intellectual property rights of any third party; or (b) Vendor's breach of any of the Vendor's representations or warranties stated in this Agreement. In the event of any such claim, the City shall have the right to monitor such claim or, at its option, engage its own separate counsel to act as co-counsel on the City's behalf. Further, Vendor agrees that the City's specifications regarding the deliverables shall in no way diminish Vendor's warranties or obligations under the Section, and the City makes no warranty that the products, development, or delivery of such deliverables will not impact such warranties of Vendor.

J. DAMAGE TO CITY PROPERTY

Vendor shall be responsible for any and all damage to the City's equipment and/or property, the workplace and its contents, by its work, negligence in work, its personnel, and equipment. Vendor shall be responsible and liable for the safety, injury, and health of its working personnel while its employees are performing service work.

K. OVERCHARGES

Vendor hereby assigns to the City any and all claims for overcharges associated with this Agreement which arise under the antitrust laws of the United States, 15 USCA Section 1 et seq., and/or which arise under the antitrust laws of the State of Texas, *Business and Commerce Code Ann.*, Section 15.01, et seq.

L. CONFIDENTIALITY

In order to provide the deliverables to the City, Vendor may require access to certain of the City's and/or its licensors' confidential information (including, but not limited to, inventions, employee information, trade secrets, confidential know-how, confidential business information, and other information which the City or its licensors consider confidential) (collectively, "Confidential Information"). Vendor acknowledges and agrees that the Confidential Information is the valuable property of the City and/or its licensors, and any unauthorized use, disclosure, dissemination, or other releases of the Confidential Information will substantially injure the City and/or its licensors. The Vendor (including its employees, subcontractors, agents, or representatives) agrees that it will maintain the Confidential Information in strict confidence and shall not disclose, disseminate, copy, divulge, recreate, or otherwise use the Confidential Information without the prior written consent of the City, or in a manner not expressly permitted under this Agreement, unless the Confidential Information is required to be disclosed by law or as a result of an order of any court or other governmental authority with proper jurisdiction, provided the Vendor promptly notifies the City prior to disclosing such information so as to permit the City reasonable time to seek an appropriate protective order. The Vendor agrees to use protective measures no less stringent than the Vendor uses within its own business to protect its own most valuable information, which protective measures shall under all circumstances be at least reasonable measures to ensure the continued confidentiality of the Confidential Information.

M. CODES, PERMITS & LICENSES

Vendor shall comply with all federal, state, and local standards, codes and ordinances and the terms and conditions of the services of the electric utility, as well as other authorities that have jurisdiction pertaining to equipment and materials used and their application. None of the terms or provisions of the specification shall be construed as waiving any rules, regulations or requirements of these authorities. Vendor shall be responsible for obtaining all necessary permits, certificates and/or licenses to fulfill contractual obligations to the City.

N. ADVERTISING/PUBLICITY

Vendor shall not advertise or otherwise publicize, without the City's prior written consent, the fact that the City has entered into an Agreement with Vendor, except to the extent required by applicable law.

O. INDEPENDENT CONTRACTOR

The Agreement shall not be construed as creating an employer/employee relationship, a partnership, or joint venture. The Vendor's services shall be those of an independent contractor. The Vendor agrees and understands that the Agreement does not grant any rights or privileges established for employees of the City. Vendor shall not be within protection or coverage of the City's Worker Compensation insurance, Health Insurance, Liability Insurance, or any other insurance that the City, from time to time, may have in force.

P. LIENS

The Agreement shall not be construed as creating an employer/employee relationship, a partnership, or joint venture. The Vendor's services shall be those of an independent contractor. The Vendor agrees and understands that the Agreement does not grant any rights or privileges established for employees of the City. Vendor shall not be within protection or coverage of the City's Worker Compensation insurance, Health Insurance, Liability Insurance, or any other insurance that the City, from time to time, may have in force.

Q. ASSIGNMENT/DELEGATIONS

The Agreement shall be binding upon and endure to the benefit of the City and the Vendor, and their respective successors and assignees, provided, however, that no right or interest in the Agreement shall be assigned and no obligation shall be delegated by the Vendor without the prior written consent of the City. Any attempted assignment or delegation by the Vendor shall be void unless made in conformity with this Section. The Agreement is not intended to confer any rights or benefits on any person, firm or entity not a party hereto; it being the intention of the parties that there be no third-party beneficiaries to the Agreement.

R. INTERPRETATION

The Agreement is intended by both parties as the final, complete and exclusive statement of the terms of their agreement. No course of prior dealing between the parties or course of performance or usage of the trade shall be relevant to supplement or explain any term used in the Agreement. Although the Agreement may have been substantially drafted by one party, it is the intent of the parties that all provisions be construed in a manner fair to both parties, reading no provision more strictly against one party of the other. Whenever a term defined by the Uniform Commercial Code (the "UCC"), as enacted by the State of Texas, is used in the Agreement, the UCC definition shall control unless otherwise defined in the Agreement.

S. GOVERNING LAW & VENUE

This Agreement is made under and shall be governed by the laws of the State of Texas, including when applicable, the UCC as adopted in Texas, VTCA, *Business & Commerce Code*, Chapter I, excluding any rule or principle that would refer to and apply the substantive law of another state or jurisdiction. This Agreement is fully performable in Hutto, TX, and the venue for any action related to this Agreement shall be Williamson County, Texas. All issues arising from this Agreement shall be resolved in the courts of Williamson County, Texas and the parties agree to submit to the exclusive personal jurisdiction of such courts. The foregoing, however, shall not be construed or interpreted to limit or restrict the right or the ability of the City to seek and secure injunctive relief from any competent authority as contemplated herein and does not waive the city's defense of sovereign immunity.

T. INTERLOCAL COOPERATING PUCHASING/PIGGYBACK CONTRACTS

Other governmental entities may be extended the opportunity to purchase from Solicitations of the City, with the consent and agreement of the awarded Vendor(s) and the City. Such consent and agreement shall be conclusively inferred from the lack of exception to this clause in Vendor's Response. However, all parties indicate their understanding, and all parties hereby expressly agree that the City is not an agent of, partner to, or representative of those outside agencies or entities and that the City is not obligated or liable for any action or debts that arise out of such independently negotiated piggyback procurements.

U. SURVIVABILITY OF OBLIGATIONS

All provisions of the Agreement that impose continuing obligations on the parties, including but not limited to the warranty, indemnity, and confidentiality obligations of the parties, shall survive the expiration or termination of the Agreement.

V. CLAIMS

If a claim, demand, suit or other action is asserted against the Vendor which arises under or concerns the Agreement, or which could have a material adverse effect on the Vendor's ability to perform thereunder, the Vendor shall give written notice to the City within ten (10) calendar days after receipt of notice by the Vendor. Such notice to the City shall state the date of notification of any such claim, demand, suit, or other action; the names and address of the claimant(s), the basis thereof, and the name of each person against whom such claim is asserted. Such notice shall be delivered to the Purchasing Department as set forth below.

W. NOTICES

Unless otherwise specified, all notices, requests, or other communications required or appropriate to be given under the Agreement shall be in writing and deemed delivered three (3) business days after postmarked if sent by US Postal Service Certified or Registered Mail, Return Receipt Requested. Notices delivered by other means shall be deemed delivered upon receipt by the addressee. Routine communications may be made by first-class mail, fax, or other commercially accepted means.

Notices to the Vendor:

PVS OX, Inc.
10926 S Presa St
San Antonio, TX
craines@pvschemicals.com

Notices to the City:

City of Hutto
Purchasing Officer
500 W. Live Oak Street
Hutto, TX 78634
Sabrina.Manning@huttoTX.gov

X. GRATUITIES

The City may, by written notice to the Vendor, cancel the Agreement without liability if it is determined by the City that gratuities were offered or given by the Vendor or any agent or representative of the Vendor to any officer or employee of the City with the intent of securing the Agreement or securing favorable treatment with respect to awarding or amending or the making of any determinations with respect to performing of the Agreement. In the event the Agreement is canceled by the City pursuant to this Section, the City shall be entitled, in addition to any other rights and remedies, to recover the benefits or payments to the Vendor as a result of the gratuities.

Y. PERSONAL INTEREST PROHIBITED

No officer, employee, independent consultant, or elected official of the City who is involved in the development, evaluation, or decision-making process of the performance of the Solicitation shall have a financial interest, direct or indirect, in the resulting Agreement. Any willful violation of this Section shall constitute impropriety in office, and any officer or employee guilty thereof shall be subject to disciplinary action up to and including dismissal. In the event a member of the governing body or an appointed board or commission of the City belongs to a cooperative association, the City may purchase equipment or supplies for the association only if no member of the governing body, board, or commission will receive pecuniary benefit from the purchase, other than as reflected as in increase in dividends distributed generally to members of the association. Any violation of this provision with the knowledge, expressed or implied, by the Vendor shall render the Agreement voidable by the City. Nevertheless, the City may obtain the equipment or service if a conflict of interest affidavit is filed and the Council member recuses his/herself.

Z. WAIVER

No claim or right arising out of a breach of the Agreement can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waiver or renunciation is supported by consideration and is in writing signed by the aggrieved party. No waiver by either the Vendor or the City of any one or more events of default by the other party shall operate as, or be construed to be, a permanent waiver of any rights or obligations under the Agreement, or an express or implied acceptance of any other existing or future default(s), whether of a similar or different character.

AA. DISPUTE RESOLUTION

If either the Vendor or the City has a claim, dispute, or other matter in question for breach of duty, obligations, services rendered or any warranty that arises under this Agreement, the parties shall first attempt to resolve the matter through this dispute resolution process. The disputing party shall notify the other party in writing as soon as practicable after discovering the claim, dispute, or breach. The notice shall state the nature of the dispute and list the party's specific reasons for such dispute. Within ten (10) business days of receipt of the notice, both parties shall make a good faith effort, in person or through generally accepted means, to resolve any claim, dispute, breach, or other matter in question that may arise out of, or in connection with, this Agreement. If the parties cannot resolve the dispute, then either party shall have the right to exercise any and all remedies available under law regarding the dispute.

BB. INVALIDITY

The invalidity, illegality or unenforceability of any provision of this Agreement shall in no way affect the validity or enforceability of any other portion or provision of the Agreement. Any void provision shall be deemed severed from the Agreement and the balance of the Agreement shall be construed and enforced as if the Agreement did not contain the particular portion or provision held to be void. The parties further agree to reform the Agreement to replace the stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this section shall not prevent the entire Agreement from being void should a provision which is the essence of the Agreement be determined to be void.

CC. RIGHT TO ASSURANCES

In the event the City, in good faith, has reason to question the intent of the Vendor to perform, the City may demand written assurances of the intent to perform. In the event no written assurance is given within the time specified, the City may treat this failure as an anticipatory repudiation of the Agreement.

DD. ANTI-BOYCOTT VERIFICATION

To the extent this Agreement constitutes a contract for goods or services within the meaning of Section 2270.002 of the Texas Government Code, as amended, solely for purposes of compliance with Chapter 2270 of the Texas Government Code, and subject to applicable Federal law, the Vendor represents that neither the Vendor nor any wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of the Contractor (i) boycotts Israel or (ii) will boycott Israel through the term of this Agreement. The terms "boycotts Israel" and "boycott Israel" as used in this paragraph have the meanings assigned to the term "boycott Israel" in Section 808.001 of the Texas Government Code, as amended.

EE. IRAN, SUDAN, FOREIGN TERRORIST ORGANIZATIONS

To the extent this Agreement constitutes a governmental contract within the meaning of Section 2252.151 of the Texas Government Code, as amended, solely for purposes of compliance with Chapter 2252 of the Texas Government Code, and except to the extent otherwise required by applicable federal law, the Vendor represents that the Vendor nor any wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of the Vendor is a company listed by the Texas Comptroller of Public Accounts under Sections 2270.0201, or 2252.153 of the Texas Government Code.

IN WITNESS, WHEREOF, we, the contracting parties, by our duly authorized agents, hereto affix our signatures and seals on this the day of , 2025.

CITY OF HUTTO, TEXAS

By:_____
James Earp, City Manager

Date: _____

ATTEST:

_____
Laura Hallmark, City Secretary

VENDOR

By: _____ Territory Manager
Name, Title

Date: 12/1/25

STATE OF TEXAS §

§
COUNTY OF Williamson §

This instrument was acknowledged before me, the undersigned authority, this 1 day of Dec, 2025, by Cory Glenn Raines, as Territory Manager on behalf of [VENDOR], Inc.

[Seal]

Notary: _____

License Expires: 7/22/2029

LEONARDO P MONTELONGO
Notary Public
State of Texas
ID # 131063418
My Comm. Expires 07/22/2029

EXHIBIT C

SPECIFICATIONS

SCOPE: The City of Hutto requests sodium hypochlorite for use in the treatment of potable water at various locations. The chemical must meet all applicable AWWA standards.

I. SERVICE REQUIREMENTS: Services shall be performed and products delivered to the following locations:

Carl Stern
430 Carl Stern Blvd
Hutto, TX 78634

Frame Switch
115 FM 3349
Hutto, TX 78634

2. RAW WATER CHARACTERISTICS

Constituent	Average Concentration or Range
Hardness	160 to 180 mg/L
Alkalinity	230 to 260 mg/L
Temperature	10 to 30 degrees Celsius
pH	7.2 to 7.8

3. CHEMICAL SPECIFICATIONS: All chemicals specified herein all meet with the intended use, critical requirements and delivery specifications outlined on itemized chemical list.

4. FREIGHT: Price shall include FOB Destination, pre-paid and allowed unless otherwise specified in writing. Price shall be inclusive of demurrage charges. No fuel surcharges shall be allowed.

Water Treatment Chemical

WATER TREATMENT CHEMICAL LIST ITEMIZED AS FOLLOW.:

Sodium Hypochlorite (Bleach)

- All Sodium Hypochlorite Delivered Shall:
- Be approved as a drinking water additive in accordance with NSF/ANSI Standard 60.
- Sodium hypochlorite solution shall be a clear liquid containing not more than 0.15 percent insoluble matter by weight
- Sodium hypochlorite shall contain not less Sodium hypochlorite shall contain not less than 120 g/L available chlorine (12 trade percent)
- The total free alkali (expressed as NaOH) in sodium hypochlorite shall not exceed 1.5 percent by weight.
- Be free of insoluble and suspended matter, including but not limited to: chips, dirt, grit and all other foreign matter.
- Have a certified weight ticket.
- Be in clean, properly identified and labeled trucks used only for the transport and delivery of Sodium Hypochlorite.
- Be delivered into bulk storage tanks through a standard 2-inch quick connect (if applicable).
- Be delivered to:

Carl Stern
430 Carl Stern Blvd
Hutto, TX 78634

Frame Switch
115 FM 3349
Hutto, TX 78634

IN WITNESS WHEREOF the Parties have duly affixed their signatures under hand and seal on this _____ day of _____, _____.

CITY OF HUTTO

Per: _____

James Earp, City Manager

XXXXXXXXXX

Per: _____

Name of Signer

Attest

_____

Laura Hallmark, City Secretary

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

This instrument was acknowledged before me on this 1 day of December 2025, by Cory Raines as Territory Manager of PNS DX.

_____

Notary Public, State of Texas

My commission expires:

07/22/2029

LEONARDO P MONTELONGO
Notary Public
State of Texas
ID # 131063418
My Comm. Expires 07/22/2029

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 03/27/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Lisa Case	
RSC Insurance Brokerage, Inc. 26026 Telegraph Rd, Suite 100 Southfield MI 48033	PHONE (A/C, No, Ext): (248) 355-1414	FAX (A/C, No): (248) 304-0877
	E-MAIL ADDRESS: lcase@risk-strategies.com	

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Amerisure Insurance Company	19488
INSURER B : Amerisure Mutual Insurance Company	23396
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
PVS DX Inc
Pressure Vessel Services Inc
10900 Harper Avenue
Detroit MI 48213

COVERAGES **CERTIFICATE NUMBER:** 25-26 Master **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [X] LOC [ ] OTHER:			GL0125812	04/01/2025	04/01/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 1,000,000 $ 10,000 $ 2,000,000 $ 4,000,000 $ 2,500,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			CA1049675	04/01/2025	04/01/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 5,000,000 $ $ $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC0764044	04/01/2025	04/01/2026	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate holder is added as Additional Insured (General Liability/Automobile) on a primary and non-contributory basis with respect to work/services performed/product supplied by Named Insured per written contract/agreement. Waiver of Subrogation applies to General Liability/Automobile and Workers Compensation as required by written contract/agreement. Certificate holder is added as Additional Insured (General Liability/Automobile) with respect to work/services performed/products supplied by Named Insured as per written contract/agreement. Waiver of Subrogation applies to General Liability/Automobile and Workers Compensation as required per written contract/agreement.

CERTIFICATE HOLDER

City of Hutto
500 W Live Oak Street
Hutto TX 78634

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Richard D. Farris

© 1988-2015 ACORD CORPORATION. All rights reserved.

CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 **Name of vendor who has a business relationship with local governmental entity.**

PVS DX, Inc.

2 ☐ **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 **Name of local government officer about whom the information is being disclosed.**

None

Name of Officer

4 **Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.**

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes ☒ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes ☒ No

5 **Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

6 ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7 Kurt R. Filer, President
PVS DX, Inc.
Kurt Filer
Signature of vendor doing business with the governmental entity

11/20/25
Date

CONFLICT OF INTEREST QUESTIONNAIRE
For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

(A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;

(B) a transaction conducted at a price and subject to terms available to the public; or

(C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

***

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds $2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than $100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or

(C) of a family relationship with a local government officer.

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier: **DIXICHLOR MAX**
Synonyms: Bleach, Sodium Hypochlorite, Sodium Hypochlorite 12.5%
Intended use: Swimming pool chlorinator, Hard surface cleaner, Water treatment chemical, Biocides
Uses Advised Against: None identified. This is a pesticide product, do not use in a pesticide application that is not included on the label.

Company Identification

PVS DX, Inc
1919 Jacintoport Blvd.
Houston, TX 77015

Emergency
CHEMTREC (USA) (800) 424-9300
24 hour Emergency Telephone No. (281) 457-4888
www.dxgroup.com

2. Hazard identification of the product

Physical hazards	Corrosive to metals	Category 1
Health hazards	Causes severe skin burns and eye damage Serious eye damage Specific target organ toxicity, single exposure	Category 1A Category 1 Category 3 respiratory tract irritation
Environmental hazards	Very toxic to aquatic life Toxic to aquatic life with long lasting effects	Category 1 Acute Category 2 Chronic

Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

Signal Word	**Danger**
Hazard Statements	CORROSIVE. Causes serious eye damage. Causes severe skin burns. Causes damage to respiratory system when inhaled. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. May be corrosive to metals.
Precautionary Statements	
Prevention	Do not breathe mist / vapors / spray. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves / eye protection / face protection. Keep only in original container. Use in well ventilated area. Store in corrosive resistant container with a resistant inner liner.
Response	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Remove / Take off immediately all contaminated clothing. Wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor / physician if you feel unwell. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Immediately call a POISON CENTER or doctor / physician. Wash contaminated clothing before reuse. Collect spillage.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight.
Disposal	Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

Synonyms: Bleach, Sodium Hypochlorite, Sodium Hypochlorite 12.5%

Ingredient	CAS Number	Percent (%)	GHS Classification	NOTES
Sodium hypochlorite.	7681-52-9	12.5 - 15.6	Skin Corr. 1B; Aquatic Acute 1; Eye Dam. 1 .	**[1]**
Sodium chloride	7647-14-5	9 - 10	Not classified	**[1]**
Sodium hydroxide	1310-73-2	0.5 - 2	Skin Corr. 1A;H314 Met. Corr. 1;H290	**[1][2]**

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard. [2] Substance with a workplace exposure limit.

*The full texts of the phrases are shown in Section 16.

4. First Aid Measures

General	Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
Inhalation	Move victim to fresh air. Call emergency medical care. Apply artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.
Eyes	Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart. Get medical attention. Remove contact lenses if present and easy to do - continue rinsing.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do NOT use solvents or thinners.
Ingestion	If accidentally swallowed obtain immediate medical attention. Rinse mouth. Keep at rest. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content does not get into lungs.
Most important symptoms and effects, both acute and delayed	
Overview	Corrosive effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital
General information	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Recommended Extinguishing media	Alcohol resistant foam, CO^2, dry chemical powder, water spray. Do not use water jet.
Special hazards arising from the substance or mixture	Hydrogen chloride and chlorine. Chlorine gas rate of decomposition increases with the concentration with temperatures above 85 °F (30 °C). Do not breathe mist / vapors / spray.
Advice for fire-fighters	Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.). Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated. TOXIC; inhalation, ingestion or skin contact with material may cause severe injury or death. Contact with molten substance may cause severe burns to skin and eyes. Avoid any skin contact. Effects of contact or inhalation may be delayed. Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. **ERG Guide No.** 154

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Local authorities should be contacted if significant spill cannot be contained.
Environmental precautions	Do not allow spills to enter drains or watercourses.
Methods and material for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS.

7. Handling and storage

Precautions for safe handling	Wear appropriate personal protective equipment. Do not get in eyes, on skin, on clothing. Chemical attack increases with solution strength. Use with adequate ventilation. Observe good industrial hygiene practices. Do not apply heat or direct sunlight. Temperature and product concentration affect product quality and decomposition rates.
Conditions for safe storage, including any incompatibilities	Handle containers carefully to prevent damage and spillage. Keep container tightly closed. Store in a cool and well-ventilated place. Store in a corrosive resistant container. Consult container manufacturer for additional guidance. Store away from and do not mix with incompatible materials such as acids, ammonia, urea, oxidizers, organics and metals such as nickel, copper, tin, aluminum and iron.

8. Exposure controls and personal protection

Exposure Control Parameters

CAS No.	Ingestion	Source	Value
1310-73-2	Sodium hydroxide	OSHA	TWA 2 mg/m3
		ACGIH	Ceiling: 2 mg/m3
		NIOSH	C 2 mg/m3
7647-14-5	Sodium chloride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
7681-52-9	Sodium hypochlorite.	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Individual protection measures, such as personal protective equipment

Respiratory	Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
Eyes	Wear face shield with safety glasses with side shields and/or safety goggles.
Skin	Chemical resistant clothing such as coveralls/apron boots should be worn. Chemical Impervious gloves.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. Eye wash and safety shower must be available when handling this product
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. Physical and chemical properties

Appearance	Clear, pale yellow, or greenish Liquid
Odor	Pungent, chlorine odor
Odor threshold	0.9 mg/m^3
pH	12 - 13
Melting point / freezing point	-3 °F (-19.4 °C)
Initial boiling point and boiling range	Decomposes above 230 °F (110 °C)
Flash Point	Nonflammable
Evaporation rate (Ether = 1)	Not Established
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	**Lower Explosive Limit:** Not Measured **Upper Explosive Limit:** Not Measured
Vapor pressure (mmHg)	17.5 (@ 20° C)
Vapor Density	Not Established
Specific Gravity	1.20 - 1.40
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature (°C)	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
VOC %	Not Measured
Other information	No other relevant information.

10. Stability and reactivity

Reactivity	Hazardous Polymerization will not occur.
Chemical stability	Stable under normal circumstances.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Contact with incompatible materials. Acid contact will produce chlorine gas.
Incompatible materials	Any acidic material, ammonia, urea, oxidizers, organics and metals such as nickel, copper, tin, aluminum and iron.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium hypochlorite (7681-52-9)	5,000.00, Rat - Category: 5	10,000.00, Rabbit - Category: NA	10.50, Rat - Category: 4	No data available	No data available
Sodium chloride (7647-14-5)	1,350.00, Rabbit - Category: 4	100.00, Rat - Category: 2	40.00, Mouse - Category: NA	10,500.00, Rat - Category: NA	No data available
Sodium hydroxide (1310-73-2)	6,600.00, Mouse - Category: NA	1,350.00, Rabbit - Category: 4	600.00, Mouse - Category: NA	No data available	No data available

11. Toxicological information

Acute toxicity (cont.)

Item	Hazard
Acute Toxicity (mouth)	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.
Acute Toxicity (skin)	Harmful in contact with skin.
Acute Toxicity (inhalation)	Vapors and spray mist may irritate throat and respiratory system and cause coughing.
Skin corrosion/irritation	Causes severe skin burns and eye damage.
Eye damage/irritation	Causes serious eye damage.
Sensitization (respiratory)	No data available.
Sensitization (skin)	No data available.
Germ toxicity	No data available.
Carcinogenicity	Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive Toxicity	No data available.
Specific target organ systemic toxicity (single exposure)	May cause respiratory irritation.
Specific target organ systemic Toxicity (repeated exposure)	Not Applicable.
Aspiration hazard	Not classified; however droplets of product may be aspirated into lungs, through ingestion or vomiting and may cause serious chemical pneumonia.

12. Ecological information

Toxicity: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium hypochlorite (7681-52-9)	0.08, Pimephales promelas	0.032, Daphnia magna	0.40 (72 hr), Dunaliella primolecta
Sodium chloride (7647-14-5)	1,100.00, Freshwater Fish	3,310.00, Daphnia magna	Not Available
Sodium hydroxide (1310-73-2)	196.00, Poecilia reticulata	40.38, Ceriodaphnia dubia	Not Available

Persistence and degradability:	There is no data available on the preparation itself.
Bioaccumulative potential:	Not Measured
Mobility in soil:	No data available.
Results of PBT and vPvB assessment:	This product contains no PBT/vPvB chemicals.
Other adverse effects:	No other effects are expected.

13. Disposal considerations

Waste treatment methods:	Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.
Waste from material:	The waste determination should be made in discussion between the user and the waste disposal company.
Container Management:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

UN number:	UN1791
UN proper shipping name:	Hypochlorite solutions
Transport hazard class(es)	
DOT (Domestic Surface Transportation)	
DOT Proper Shipping Name:	Hypochlorite solutions
DOT Hazard Class: **DOT Label:**	8 8
UN / NA Number:	UN1791
DOT Packing Group:	III
CERCLA/DOT RQ:	100 lbs.
Environmental hazards:	IMDG Marine Pollutant: Yes (Sodium hypochlorite)
Special precautions for user:	Not Applicable

15. Regulatory information

Regulatory Overview:	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory.	
WHMIS Classification	D2B E	
US EPA Tier II Hazards:	**Fire:**	No
	Sudden Release of Pressure:	No
	Reactive:	No
	Immediate (Acute):	Yes
	Delayed (Chronic):	No
SARA 302 Extremely Hazardous Substance:		No
SARA 311/312 Chemicals and RQs (lbs) (>0.1%) :		100
SARA 313 (TRI):		No
CAA Section 112 Hazardous Air Pollutant:		No
CAA Section 112R Risk Management Plan:		No
State Regulations	**N.J. RTK Substances (>1%) :**	Listed
	Penn RTK Substances (>1%) :	Listed
	California Prop 65:	Not Listed

16. Other information:

EPA Registration Number: 813-15

NSF Maximum Use Level (STD 60): Check BOL for facility Data. (37 to 84 mg/L)

H314 Causes severe skin burns and eye damage.
H290. May be corrosive to metals

Revision Information: This is the first version of this SDS.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

THE USER IS CAUTIONED TO PERFORM HIS OWN HAZARD EVALUATION AND TO RELY ON HIS OWN DETERMINATIONS.

PVS DX, Inc.

1919 Jacintoport Blvd.
Houston, Texas 77015

AWWA STANDARDS

The following chemicals provided by the Company's facilities are NSF Standard 60 certified as well as meet the American Water Works Association Standard for:

- Sodium Hypochlorite ANSI/AWWA B300-18

NSF verification can also be accessed via the Internet at http://www.nsf.org. If you need further assistance, please feel free to call on us.

This letter is effective unless notified otherwise in writing by the company.

Joy Montanio

Joy Montanio
Environmental, Health, Safety, & Security Manager

PVS DX, Inc.
1919 Jacintoport Blvd.
Houston, TX 77015

PRODUCT SPECIFICATION

Dixichlor Max MP

Sodium Hypochlorite 12.5%
EPA Registration No. 813 -17

	Minimum	Maximum
Sodium Hypochlorite % by weight	12.50	15.62
Available Chlorine % by weight	12.0	14.88
Excess Caustic % by weight	0.1	5.0

NSF Certified to NSF/ANSI/CAN 60

Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give form to the requester. Do not send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See *Specific Instructions* on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

PVS DX, Inc.

2 Business name/disregarded entity name, if different from above.

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☑ C corporation ☐ S corporation ☐ Partnership ☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . . .

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions)

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any)

(Applies to accounts maintained outside the United States.)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

5 Address (number, street, and apt. or suite no.). See instructions.

1919 Jacintoport Blvd.

Requester's name and address (optional)

6 City, state, and ZIP code

Houston, TX 77015

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

9	3	–	3	2	9	2	7	8	4

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here **Signature of U.S. person** Beverly Bates **Date** 11/14/24

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

Addendum #1

Vendor Discussions – City Responses in Blue

Tank Sizes and Annual Volumes

Nov 19, 2025 11:20 AM CST

Can you provide tank sizes at each location and projected annual volumes?

Please refer to the bid form for the tank sizes.

Annual volume totals are estimated at 150,000 gallons or 12,500 monthly.

Current Supplier

Nov 20, 2025 7:35 PM CST

Can you provide current supplier and current pricing, or most recent bid tabulation?

No. This is a low bid proposal. Please provide bid on requested information provided on bid form.

PVS DX, Inc.

Price Sheet

Nov 20, 2025 9:00 AM CST

Can you provide a price sheet for submitting pricing?

Bids must be submitted on Bonfire portal through "requested information section: Bid Table"

Current Supplier

Nov 20, 2025 9:00 AM CST

Are you able to provide current supplier and current pricing info, or a previous bid tabulation?

No. This is a low bid proposal. Please provide bid on requested information provided on bid form.

12/2/25

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1391784

Date Filed:
11/20/2025

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
PVS DX, Inc.
Houston, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
City of Hutto, Texas

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
IFB # 2026-040-RC-01
Bulk and Drums Sodium Hypochlorite 12.5%

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Nicholson, Timothy F.	Detroit, MI United States	X	
Nicholson, David A.	Detroit, MI United States	X	
Daniel, Jeffrey A.	Detroit, MI United States	X	
Filer, Kurt R.	Houston, TX United States	X	
Taub, Jonathan S.	Detroit, MI United States	X	
Bulatovic, Milisav M.	Detroit, MI United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is Kurt R. Filer, and my date of birth is [redacted].

My address is 1919 Jacintoport Blvd., Houston (city), TX (state), 77015 (zip code), USA (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Harris County, State of Texas, on the 20th day of November (month), 2025 (year).

Kurt Filer

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1391784

Date Filed:
11/20/2025

Date Acknowledged:
01/02/2026

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

PVS DX, Inc.
Houston, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto, Texas

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

IFB # 2026-040-RC-01
Bulk and Drums Sodium Hypochlorite 12.5%

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Nicholson, Timothy F.	Detroit, MI United States	X	
Nicholson, David A.	Detroit, MI United States	X	
Daniel, Jeffrey A.	Detroit, MI United States	X	
Filer, Kurt R.	Houston, TX United States	X	
Taub, Jonathan S.	Detroit, MI United States	X	
Bulatovic, Milisav M.	Detroit, MI United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20_____.
(month) (year)

_____
Signature of authorized agent of contracting business entity
(Declarant)

AGENDA ITEM REPORT
9.5.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-005 authorizing additional professional design services for the Exchange Boulevard Intersection Project in the amount of $65,000 for amendment No. 1 Individual Project Order (IPO) 2024 with K. Friese and Associates (Capital Improvement Project T15-2024). (Matt Rector)
Meeting:	Thursday, January 8, 2026
Department:	Engineering /
Staff Contact:	Matt Rector

ITEM SUMMARY:

On September 7, 2023 the City Council approved Resolution no. R-2023-191 regarding Rotation List for Transportation and Drainage Engineering professional services with five consulting firms as a mechanism for Construction Related Professional Services (engineering/architecture) where the City hires multiple firms based on demonstrated competence and qualifications to perform a general scope of services and makes individual assignments on a rotating basis.

Firms have been assigned projects in the order that they were selected. So, the first contract is assigned to the first consultant, followed by the next and repeats after the last consultant assignment. The cycle then repeats. If a firm is unable or unwilling to execute a project, the next firm in line will then be used. This initial contract would be good for FY 2024. However, there are two one-year extensions possible for each of these firms.

The scope of work includes design, bid, and construction phase services for the Exchange Blvd Improvements project constructing a roundabout at the intersection of Live Oak and Exchange Blvd. The Engineer's scope of services includes project management, field surveying, preliminary engineering, traffic analysis, environmental services, utility coordination, TxDOT coordination, plans, specifications, and estimate preparation bid phase services, construction phase services, and project closeout services.
The purpose of this item is to approve a resolution for professional services to K Freise and Associates for the Exchange Blvd. and Live Oak improvements, which included waterline relocation and design improvements located on the USPS parcel under additional services.

The purpose of the proposed agenda item is a request from City Council for the approval of the design services for the Exchange Blvd. improvements.

City Council approved Resolution R2025-030 on February 6, 2025 for an amendment No.1 with K. Friese and Associates for design services which included $65,000.00 under section 12.0 entitled Additional Professional Services. The clause included, "....If additional professional services are

needed as the project progresses, this Task is included to cover an potential unknowns which may arise. Use of this Task will be requested by KFA and require written authorization by the City prior to use."

Due to coordination with adjacent property owners additional scope was necessary for the design and K. Friese is requesting additional funds to complete the design prior to bidding.

FISCAL NOTES:

Funding for this project is included in the FY 2026 Capital Improvement Budget as follows:

Series 2022 GO (Fund 12)
Account Number:12-040-060-6721
Account Name: T15 Exchange Blvd. Reconstruction
Budgeted Amount: $1,856,851
Amount Available: $593,293
Amount Requested: $65,000
Amount Remaining: $528,293

ATTACHMENTS:

1. Contract Approval Routing Form - Final 12.29.25_JE Signed
2. 20251218 - IPO Amend 02 - CoHutto_Exchange Blvd_Partial
3. 2025_12_26_FINAL Resolutions_R-2026-XXX_KFreise_SA3_Exchange Blvd
4. H.W. Lochner Form 1295 - T15 Exchange Blvd - Professional Eng. Services (1)_Redacted
5. K. Friese Form 1295 - City of Hutto - T15 Exchange Blvd Professional Engineering Services_Signed_Redacted

CONTRACT-AGREEMENT & PURCHASE REQUISTION FORM

SUBMITTED BY: Sydnee Best	**DEPARTMENT:** Engineering
VENDOR NAME: K Friese and Associates	**VENDOR #:**
PROJECT NAME: Exchange Blvd. @ Live	**PROJECT #:** CIP T-15-2024 **AMOUNT: $** 65,000.00

PURCHASE DESCRIPTION (what, how many, reason, etc.)

Consideration and possible action on Resolution No. R-2026-xxx authorizing additional professional design services for the Exchange Blvd Intersection Project in the amendment No. 1 Individual Project Order (IPO) 2024 with K. Friese and Associates (Capital Improvement Project T15-2024) (Matt Rector)

PURCHASE ORDER REQUISITION

FUNDING SOURCE	GL ACCOUNT #	AVAILABLE BUDGET

(required) **THRESHOLD AMOUNT:**

RESOLUTION/ ORDINANCE #

$3,000 - $49,999.99 ☐ **$50,000.00 +** ☑

(required) **PROCUREMENT METHOD:**

COMPETITIVE BID ☐ RFP ☐ RFQ ☐

COOPERATIVE/INTERLOCAL ☐ **ILA#** **COOP Name/#**

EMERGENCY PURCHASE ☐

PROFESSIONAL SERVICE ☐

SINGLE/SOLE SOURCE/ EXEMPT ☐ **EXEMPTION REASON:**

Director's Signature: (REQUIRED)	Date	Approval Limit: Up to $9,999.99
Exec. Director Signature: (ALL purchases $10K+)	Date	Approval Limit: Up to $19,999.99 Director & ACM Proxy

REQUIRES IT Approval?	No ☐	Yes ☐	IT SIGNATURE & DATE

(all checkbox items must be anwered) **CONTRACT-AGREEMENT**

REQUIRES CITY COUNCIL ACTION?	No ☐	Yes ☑	TENTATIVE COUNCIL AGENDA DATE:	01/08/2026	
REQUIRES CITY ATTORNEY REVIEW/APPROVAL?	No ☐	Yes ☑	COMMENTS:		
RESOLUTION/ORDINANCE REQUIRED OR ATTACHED?	No ☐	Yes ☑	SIGN:	Justin Eaton	

FISCAL AND BUDGETARY IMPACT - *(Finance Dept. use only)*

Fiscal and Budgetary Comments:

Purchasing Signature: **Date:**

Finance Signature: **Date:**

ACM Signature: (only $20k- 24,999.99)	Date	Approval Limit: Up to $24,999.99 ED & CM Proxy
City Manager Signature: (only $25k+)	Date	Approval Limit: Up to $49,999.99 ACM Proxy

REVISED II.24.2025

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

PROFESSIONAL SERVICES AGREEMENT

STATE OF TEXAS

COUNTY OF WILLIAMSON

CITY OF HUTTO

INDIVIDUAL PROJECT ORDER FOR THE SURVEYING

SERVICES OF Exchange Blvd at Live Oak St

PROJECT (T15)

This Agreement is made and entered into in Hutto, Williamson County, Texas, between City of Hutto, a Municipal Corporation in the State of Texas (hereafter referred to as "City") and

K. Friese & Associates, LLC

(hereafter referred to as "Consultant"), said Agreement being executed by City pursuant to City Charter, Ordinances and Resolutions of the Hutto City Council, and by Consultant for **CIVIL ENGINEERING DESIGN SERVICES** set forth herein in connection with the above designated Project for City.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE I DEFINITIONS;
INTERPRETIVE

As used in this Agreement, the following terms shall have meanings as set out below:

1.1 "Application for Compensation" means written form for a request from Consultant to be paid for completed work.

1.2 "City" means City of Hutto, Texas.

1.3 "Compensation" means amounts paid for services under this Agreement.

1.4 "Consultant" means K. Friese & Associates, LLC and its officers, partners, employees, agents and representatives, and all Sub-Consultants, if any, as well as all other persons or entities for which Consultant legally is responsible.

1.5 "Director" means the Hutto City Manager or his/her designee.

1.6 "Owner Designated Representative (ODR)" means person designated by City to act for City.

1.7 "Plans and Specifications" means the construction documents.

1.8 "Project" means the specific Engineering Services work for which services are negotiated and executed by both Parties.

1.9 "Proposal" means Consultant's Proposal to provide services for this Project.

1.10 "Proposed Task Order Request" means a request to Consultant to submit a Proposal for a specific Project as further defined herein.

1.11 "AMSA" means the Austin Metropolitan Service Area or Relevant Marketplace, which collectively is comprised of Travis County and the five (5) surrounding counties of Burnet, Williamson, Bastrop, Caldwell, and Hays.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE II
COMPENSATION

2.1 The Compensation for all services included in this Agreement and in the Scope of Services for this Agreement shall not exceed sixty-five thousand **DOLLARS, ($65,000.00).** The amount to be paid to Consultant, including authorized adjustments, is the total amount payable by City to Consultant for performance of the Services under this Agreement. It is agreed and understood that such amount will constitute full compensation to Consultant for Services included in the Scope of Services and shall meet all applicable requirements of City's Design Guidelines. All City compensation obligations to Consultant are subject to appropriation of funds by City Council.

2.2 **Reimbursable Expenses**. City's non-allowable reimbursement list. Only when and only to the extent that any such may be authorized by City in writing, the Consultant shall be entitled to reimbursement at actual incurred cost for services and related expenses for the following items, and for no other expenses:

2.2.1 Travel outside AMSA only if approved in writing by City prior to such travel. Reimbursement for travel costs will be limited to costs directly associated with Consultant's performance of Service under the Agreement. Travel costs are limited to the applicable mileage and per diem rates set annually by the Federal Government's General Services Administration. Consultant shall provide detailed receipts for all reimbursable charges. Travel expenses, if any, shall be negotiated with each Task Order issued. City does not pay for Consultant's travel within AMSA.

2.2.2 Mailing, courier services and copies of documents requested by City in writing in excess of the copies to be provided under Article IV of this Agreement. These costs, if any, shall not exceed the amount noted in Article IV herein, without further prior written approval of City. Consultant shall bear these costs. Except to the extent so approved.

2.2.3 Preparation, production, reproduction, and transmittal (except as provided in paragraph 2.2.2) of graphics, physical models, presentation boards requested by City in writing in excess of the hard copies to be provided under Article IV of this Agreement. These costs shall not exceed the amount noted in Article IV herein without prior written approval of City. Consultant shall bear these costs unless agreed to, except to the extent so approved.

2.2.4 City does not allow a markup on any of the above reimbursable items and only will reimburse approved hard costs incurred.

2.2.5 As an exception to the method for notice provided in Article XXIV, writings described in paragraph 2.2 may be transmitted via electronic mail to the parties' respective email addresses to be designated in an applicable Task Order.

2.2.6 Such other reimbursable services and/or expenses as may be expressly provided as being reimbursable in Individual Task Orders but only for the specific Project authorized by any such Task Order. Any such authorization shall not establish precedent, course of dealing, or other implied authorization for reimbursable items for any other Project.

Sub-Consultant Work. City will not pay a markup to Consultant for Sub-Consultant work.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE III METHOD OF PAYMENT

3.1 Payments to Consultant shall be in the amount shown on the invoices and its supporting documentation submitted for work, including any materials, services and expenses, satisfactory to the City, and shall be subject to City's approval. All services shall be performed in accordance with the professional standard of care set forth in **Section 20.1** herein and to City's satisfaction, which satisfaction shall be judged by the Director in his/her sole discretion, and City shall not be liable for any payment under this Agreement for services which are unsatisfactory and which previously have not been approved by the Director. The final payment due hereunder will not be paid until all reports, data and documents have been submitted, received, accepted and approved by City.

3.1.1 Payment may be made based solely on the units of services completed and approved by City and the associated unit price for such service, as may be described in Compensation for Additional Professional Services (attached hereto, incorporated by reference herein and labeled as "**Exhibit 1"**).

3.1.2 Monthly payments for services performed in the various additional services will be reviewed by Director upon Consultant entering itemized invoices, with all required back-up, within the Portal. The invoice shall indicate the value of the additional services performed to date.

3.2 Consultant shall, within ten (10) days following receipt of Compensation from City, pay all bills for services performed and furnished by Sub-Consultants, in connection with the Project and the performance of the work, and shall provide City with evidence of such payment. Consultant's failure to make payments within such time shall constitute a material breach of this Agreement, unless Consultant is able to demonstrate to City bona fide disputes associated with the unpaid Sub-Consultant and its services. Consultant shall include a provision in each of its sub-agreements imposing the same payment obligations on the Sub-Consultants as are applicable to Consultant hereunder, and shall require Sub-Consultants to provide confirmation to City of receipt of payments. If Consultant has failed to make payment promptly to the Sub- Consultant for the Services for which City has made payment to Consultant, City shall be entitled to withhold payment to Consultant to the extent necessary to protect City except in the event of a valid dispute between Consultant and that Sub-Consultant.

3.3 Consultant warrants that title to all Services covered by an Application for Payment will pass to City no later than the time of payment. Consultant further warrants that, upon submittal of an Application for Compensation, all Services for which Applications for Compensation have been previously issued and payments received from City shall, to the best of Consultant's knowledge, information and belief, be free and clear of liens, claims, security interests or encumbrance in favor of Consultant or other persons or entities making a claim by reason of having provided labor or services relating to this Agreement. Consultant may submit a request for Partial Compensation prior to the completion of services. A request for Partial Compensation must be accompanied by a progress report detailing the Services performed. Any partial payment made shall be in proportion to the Services performed, as reflected in the progress report and approved by the Director and at City's sole discretion. Compensation also may be made based solely on the tasks and services completed and approved by City and the associated unit price for each Service/Project, as may be described in fee schedule and/or hourly rates included in "**Exhibit 1"** hereto.

3.4 Project Close Out and Final Payment:

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

3.4.1 Final billing shall indicate "Final Bill - no additional compensation is due to Consultant".

3.4.2 City may withhold compensation to such extent as may be necessary, in City's opinion, to protect City from damage or loss for which Consultant is responsible, because of:

3.4.2.1 delays in the performance of Consultant's work;

3.4.2.2 third-party claims filed or reasonable evidence indicating probable filing of such claims, unless security acceptable to City is provided by Consultant;

3.4.2.3 failure of Consultant to make payments properly to Sub-Consultants or vendors for labor, materials or equipment;

3.4.2.4 reasonable evidence that Consultant's work cannot be completed for the amount unpaid under this Agreement;

3.4.2.5 damage to City; or

3.4.2.6 persistent failure by Consultant to carry out the performance of its services in accordance with this Agreement.

3.4.3 When the above reasons for withholding are removed or remedied by Consultant, compensation of the amount withheld will be made within a reasonable time. City shall not be deemed in default by reason of withholding compensation as provided for in this **Article III**.

3.4.3.1 In the event of any dispute(s) between the parties, regarding the amount properly compensable for any Phase or as final compensation, or regarding any amount that may be withheld by City, Consultant shall be required to make a claim pursuant to and in accordance with the terms of this Agreement and follow the procedures provided herein for the resolution of such dispute. In the event Consultant does not initiate and follow the claims procedures provided in this Agreement in a timely manner and as required by the terms thereof, any such claim shall be waived.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

3.4.3.2 City shall make final compensation of all sums due Consultant not more than thirty (30) days after Consultant's execution and delivery of a final Pay Application.

3.4.3.3 Request of final compensation by Consultant shall constitute a waiver of claims except those previously made in writing and identified by Consultant as unsettled at the time of final application for compensation.

3.4.3.4 Consultant agrees to maintain adequate books, payrolls and records satisfactory to City in connection with any and all Services performed hereunder. Consultant agrees to retain all such books, payrolls and records (including data stored in computer) for a period of not less than four (4) years after completion of Services. At all reasonable times, City and its duly authorized representatives shall have access to all personnel of Consultant and all such books, payrolls and records, and shall have the right to audit same.

ARTICLE IV
SCOPE OF SERVICES
[SUBJECT TO REVISION AS APPLICABLE]

4.1 Consultant agrees and acknowledged that City is entering into this Agreement in reliance on Consultant's represented expertise and special and unique abilities to provide the Services. Consultant accepts the relationship of trust and confidence established between it and City by this Agreement and covenants to use Consultant's best professional effort, skill, judgment, and abilities in performing the Services, and to further the interests of City in accordance with the usual and customary standards of care, skill and diligence of Consultant's profession, consistent with good professional design practices for firms that provide professional design services for projects that are similar in size, scope, budget to the Project, and in compliance with all Applicable Law. Consultant shall be solely responsible for the full cost of correcting any non-conforming Services, including any rendered by any others who have acted in reliance thereon.

4.2 Consultant shall provide Professional Services and include in its Scope of Services all associated services required such that the Project can be built, with any alternates, within the Project Construction Budget at or under the Construction Cost Limitation. By executing this Agreement, Consultant acknowledges receipt and comprehension of the Construction Cost Limitation. Consultant shall allocate adequate time, personnel and resources as necessary to perform the Services. Consultant shall perform the Services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Project and in accordance with the standards set forth in Section 4.1.

4.3 Consultant shall comply with the standards of City's Design Guidance Manual throughout the duration of the subject Project and this Agreement, unless specifically and explicitly excluded from doing so in the approved Scope of Services attached hereto, incorporated by reference herein and labeled as "**Exhibit 3"** and as described in this **Article IV**.

4.4 Consultant shall adhere to the requirements of the design phases described in City's design

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

Guidance Manual, to include performing the tasks and submitting deliverables as described therein, unless specifically and explicitly excluded in the approved Scope of Service in **"Exhibit 3"** hereto and as described in this **Article IV.**

4.5 Consultant acknowledges and accepts its responsibilities as defined and described in City's General Conditions, attached hereto, incorporated by reference herein and labeled as "**Exhibit 4"**.

4.6 Consultant shall provide all labor, equipment and transportation necessary to complete all services agreed to hereunder in a timely manner throughout the term of the Contract. Additionally, Consultant shall provide staff for regular, overtime, night, weekend and holiday service, as requested by City. Persons retained by Consultant to perform work pursuant to this Agreement shall be employees or subcontractors of Consultant.

4.7 Consultant shall not commence service on any Task Order authorized under this Agreement until being thoroughly briefed on the scope of the project and being notified in writing to proceed. Should the scope subsequently change, either Consultant or City may request a review of the anticipated services, with an appropriate adjustment in compensation.

4.8 Consultant, in consideration for the compensation herein described, shall render the professional services described in this **Section IV** necessary for the advancement of the Project through Substantial Completion to Final Completion.

4.9 Consultant shall perform its obligations under this Agreement in accordance with the Scope of Services outlined herein and in accordance with the Compensation for Additional Professional Services, attached and incorporated herein and labeled as **"Exhibit 3"**. The Scope of Services fully shall be described in Consultant's Proposal, as revised in accordance with negotiations with and approval by City for each authorized service task and as provided in this Agreement.

4.10 Compensation for Additional Professional Services, which includes pre-priced tasks and/or hourly rates, is described in **"Exhibit 1"** hereto.

ARTICLE V
TIME AND PERIOD OF SERVICE

5.1 The term of this Agreement shall commence upon its approval by the HuttoCity Council and its execution by both parties.

5.2 Time is of the essence for this Agreement. Consultant shall perform and complete its obligations for the services under **Article IV** herein in a prompt and continuous manner, so as to not delay the development of services and so as to not delay the construction of the work for the Project, in accordance with the schedules approved by City. City will perform its obligations of review and approval in a prompt and continuous manner so as to not delay the project.

5.3 Consultant shall not be liable or responsible for any delays due to strikes, riots, acts of God, national emergency, acts of the public enemy, governmental restrictions, laws or regulations, or any other causes beyond Consultant's reasonable control. Within twenty-one (21) days from the occurrence of any event, for which time for performance by Consultant shall be significantly

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

extended under this provision, Consultant shall give written notice thereof to City stating the reason for such extension and the actual or estimated time thereof. If City determines that Consultant is responsible for the need for extended time, City shall have the right to make a Claim as provided in this Agreement.

5.4 This Agreement shall remain in force for a period which may reasonably be required for the design, award of the contract and the completion of the Project, including any extra work and any required extensions thereto, unless terminated, as provided for elsewhere in this Agreement.

ARTICLE VI
(RESERVED)

ARTICLE VII
COORDINATION WITH CITY

7.1 Consultant shall hold periodic conferences with City through the end of the Project. The Project shall have the full benefit of City's experience and knowledge of existing needs and facilities and be consistent with City's current policies and standards. To assist Consultant in this coordination, City shall make available, for Consultant's use in planning and designing the Project, all existing plans, maps, statistics, computations and other data in City's possession, relative to existing facilities and to this particular Project, at no cost to Consultant. However, any and all such information shall remain the property of City and shall be returned by Consultant to City upon termination or the completion of the Project or if instructed to do so by the Director.

7.2 The Director or his/her representative shall act on behalf of City, with respect to the services to be performed under this Agreement. The Director shall have complete authority to transmit instructions, receive information and interpret and define City's policies and decisions, with respect to materials, equipment, elements and systems pertinent to Consultant's services.

7.3 City promptly will give written notice to Consultant whenever City observes, discovers or otherwise becomes aware of any defect in Consultant's services, or any development that affects the scope or timing of Consultant's services.

7.4 Unless otherwise required by City, City shall furnish approvals and permits from all governmental authorities having jurisdiction over the Project and other such approvals and consents from others, as may be necessary, for the completion of the Project. Consultant will provide City reasonable assistance in connection with such approvals and permits, such as the furnishing of data compiled by Consultant pursuant to other provisions of the Agreement, but Consultant shall not be obligated to develop additional data, prepare extensive reports or appear at hearings or the like unless compensated therefore under other provisions of this Agreement.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE VIII
REVISIONS TO DOCUMENTS

Consultant shall make, without expense to City, such revisions to the drawings, reports or other documents, as may be required to meet the needs of City and which are within its Scope of Services. After the approval of reports or other documents by City, any revisions, additions or other modifications made at City's request, which involve extra services and expenses incurred by Consultant, only shall be requested through an additional Amendment and Task Order for services.

ARTICLE IX
OWNERSHIP OF DOCUMENTS

9.1 All documents, including the original drawings, estimates, specifications and all other documents and data, previously owned by Consultant, shall remain the property of Consultant as instruments of service. However, it is to be understood that City shall have free access to all such information and hold the right to make and retain copies of drawings, estimates, specifications and all other documents and data. Any reuse, without specific written verification or adaptation by Consultant, will be at City's sole risk and without liability or legal exposure to Consultant.

9.2 Consultant acknowledges and agrees that upon payment City exclusively shall own any and all information in whatsoever form and character produced and/or maintained in accordance with, pursuant to or as a result of this Agreement and said information shall be used as City desires. Any and all documents, including the original drawings, estimates, specifications and all other documents and data, shall be delivered to City at no additional cost to City, upon request, termination or completion of this Agreement without restriction on future use.

9.3 Consultant agrees and covenants to protect any and all proprietary rights of City in any materials provided to Consultant. Such protection of proprietary rights by Consultant shall include, but not be limited to, the inclusion in any copy intended for publication of copyright mark reserving all rights to City. Additionally, any materials provided to Consultant by City shall not be released to any third party without the consent of City and shall be returned intact to City upon termination or completion of this Agreement or if instructed to do so by the Director.

9.4 Consultant hereby assigns all statutory and common law copyrights to any copyrightable work that, in part or in whole, was produced from this Agreement is the property of City, including all equitable rights. No reports, maps, documents or other copyrightable works, produced in whole or in part by this Agreement, shall be subject of an application for copyright by Consultant. All reports, maps, project logos, drawings or other copyrightable work produced under this Agreement shall become the property of City (excluding any instrument of services, unless otherwise specified herein). Consultant shall, at its own expense, defend all suits or proceedings instituted against City and pay any award of damages or loss resulting from an injunction against City, insofar as the same are based on any claim that materials or work provided under this Agreement constitute an infringement of any patent, trade secret, trademark, copyright or other intellectual property rights.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

9.5 Consultant may make copies of any and all documents and items for its files. Consultant shall have no liability for changes made to or use of the drawings, specifications and other documents by other engineers or other persons, subsequent to the completion of the Project. City requires that Consultant appropriately mark all changes or modifications on all drawings, specifications and other documents by other Engineers or other persons, including electronic copies, subsequent to the Final Completion of the Project. Following Final Completion of the Project, if City requests Consultant perform additional scope beyond that listed in "**Exhibit 3"** hereto, City will appropriately compensated for such work performed by Consultant.

9.6 Copies of documents, which may be relied upon by City, are limited to the printed copies (also known as hard copies) and PDF electronic versions that are sealed and signed by Consultant. Files in editable electronic media format of text, data, graphics or other types, (such as DWG or DGN) that are furnished by Consultant to City or utility only are for convenience of City or utility. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk.

9.7 Notwithstanding anything to the contrary contained herein, all previously owned intellectual property of Consultant, including but not limited to, any computer software (object code and source code), tools, systems, equipment or other information used by Consultant or its suppliers in the course of delivering the Services hereunder, and any know-how, methodologies or processes used by Consultant, to provide the services or protect deliverables to City, including without limitation, all copyrights, trademarks, patents, trade secrets and any other proprietary rights inherent therein and appurtenant thereto, shall remain the sole and exclusive property of Consultant or its suppliers.

ARTICLE X
TERMINATION AND/OR SUSPENSION OF SERVICES

10.1 Right of Either Party to Terminate for Default

10.1.1 This Agreement may be terminated by either party for substantial failure by the other party to perform, through no fault of the terminating party, in accordance with the terms of this Agreement and a failure to cure as provided in this **Article X**.

10.1.2 The party not in default must issue a written and signed Notice of Termination, citing this **Paragraph 10.1.2**, to the other party declaring the other party to be in default and stating the reason(s) why it is in default. Upon receipt of such written Notice of Default, the party in receipt shall have a period of ten (10) calendar days to cure any failure to perform under this Agreement. Upon the completion of said ten-day period, commencing upon receipt of Notice of Termination, if such party has not cured any failure to perform, such termination shall become effective without further written notice.

10.2 **Right of City to Terminate**. City reserves the right to terminate this Agreement, for reasons other than substantial failure by Consultant to perform, by issuing a signed Notice of Termination, citing this **Paragraph 10.2**, which shall take effect on the twentieth (20^{th}) calendar day following receipt of said notice and upon the scheduled completion date of the performance phase in which Consultant then currently is working, whichever effective termination date occurs first.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

10.3 Right of City to Suspend Giving Rise to Right of Consultant to Terminate

10.3.1 City reserves the right to suspend this Agreement at the end of any phase for the convenience of City by issuing a written and signed Notice of Suspension, citing this **Paragraph 10.3.1**, which shall outline the reasons for the suspension and the expected duration of the suspension, but such expected duration shall, in no way, guarantee what the total number of days of suspension will occur. Such suspension shall take effect immediately upon receipt of said Notice of Suspension by the Consultant.

10.3.2 Consultant hereby is given the right to terminate this Agreement in the event such suspension extends for a period in excess of one hundred twenty (120) calendar days. Consultant may exercise this right to terminate by issuing a signed, written Notice of Termination, citing this **Paragraph 10.3.2**, to City after the expiration of one hundred twenty (120) calendar days from the effective date of the suspension. Termination, pursuant to this **Paragraph 10.3.2**, shall become effective immediately upon receipt of said written notice by City.

10.4 Procedures Consultant to follow upon Receipt of Notice of Termination

10.4.1 Upon receipt of a Notice of Termination and prior to the effective date of termination, unless the notice otherwise directs or Consultant immediately takes action to cure a failure to perform under the cure period set out hereinabove, Consultant immediately shall begin the phase-out and the discontinuance of all services, in connection with the performance of this Agreement, and shall proceed promptly to cancel all existing orders and contracts insofar as such orders and contracts are chargeable to this Agreement. Within thirty (30) calendar days after receipt of such Notice of Termination, unless Consultant successfully has cured a failure to perform, Consultant shall submit a statement showing in detail the services performed under this Agreement prior to the effective date of termination. City retains the option to grant an extension to the time period for submittal of such statement.

10.4.2 Copies of all completed or partially completed specifications and all reproductions of all completed or partially completed designs, plans and exhibits prepared under this Agreement, prior to the effective date of termination, shall be delivered to City, in the form requested by City, as a pre-condition to final payment. These documents shall be subject to the restrictions and conditions set forth in **Article IX** herein.

10.4.3 Upon the above conditions being met, absent any reason why City may be compelled to withhold fees, City promptly shall pay Consultant that proportion of the prescribed fee which the services actually performed under this Agreement bear to the total services called for under this Agreement, less any previous payments of the fee.

10.4.4 City, as a public entity, has a duty to document the expenditure of public funds. Consultant acknowledges this duty imposed upon City. Consultant further acknowledges that the failure of Consultant to comply with the submittal of the statement and documents, as required above, shall constitute a waiver by Consultant of any and all rights or claims to payment for services performed under this Agreement by Consultant.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

10.4.5 Failure of Consultant to comply with the submittal of the statement and documents, as required above, shall constitute a waiver by Consultant of any and all rights or claims to collect monies that Consultant otherwise may be entitled to for services performed under this Agreement.

10.5 Procedures Consultant to Follow upon Receipt of Notice of Suspension

10.5.1 Upon receipt of written Notice of Suspension, which date also shall be the effective date of the suspension, Consultant shall, unless the Notice otherwise directs, immediately begin to phase-out and discontinue all services in connection with the performance of this Agreement and promptly shall proceed to suspend all existing orders and contracts, insofar as such orders and contracts are chargeable to this Agreement.

10.5.2 Consultant shall prepare a statement showing, in detail, the services performed under this Agreement prior to the effective date of suspension.

10.5.3 Copies of all completed or partially completed designs, plans and specifications, prepared under this Agreement prior to the effective date of suspension, shall be prepared for possible delivery to City but shall be retained by Consultant until such time as Consultant may exercise the right to terminate.

10.5.4 In the event that Consultant exercises the right to terminate one hundred twenty (120) calendar days after the effective suspension date, within thirty (30) calendar days after receipt by City of Consultant's Notice of Termination, Consultant promptly shall cancel all existing orders and contracts, insofar as such orders and contracts are chargeable to this Agreement, and shall submit the above referenced statement showing, in detail, the services performed under this Agreement prior to the effective date of suspension.

10.5.5 Any documents prepared in association with this Agreement shall be delivered to City as a pre-condition to final payment.

10.5.6 Upon the above conditions being met, absent any reason why City may be compelled to withhold fees, City promptly shall pay Consultant that proportion of the prescribed fee which the services actually performed under this Agreement bear to the total services called for under this Agreement, less any previous payments of the fee.

10.5.7 City, as a public entity, has a duty to document the expenditure of public funds.

10.5.8 Consultant acknowledges this duty imposed upon City. Consultant further acknowledges that the failure of Consultant substantially to comply with the submittal of the statements and documents, as required herein, shall constitute a waiver by Consultant of any portion of the fee for which Consultant did not supply such necessary statements and/or documents.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE XI
CONSULTANT'S WARRANTY

Consultant warrants that the services required under this Agreement will be performed with the same degree of professional skill and care that typically are exercised by similar consulting professionals performing similar services in Williamson County, Texas. Consultant further warrants that it has not employed or retained any company or person other than a bona fide employee, working solely for Consultant, to solicit or secure this Agreement, and that it has not, for the purpose of soliciting or securing this Agreement, paid or agreed to pay any company or person a commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach of this warranty, City shall have the right to terminate this Agreement under the provisions of **Article X** herein.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE XIII
ASSIGNMENT OR TRANSFER OF INTEREST

Consultant shall not assign or transfer Consultant's interest in this Agreement without the written consent of City.

ARTICLE XIV
INSURANCE REQUIREMENTS

14.1 Prior to the commencement of any work under this Agreement, Consultant shall furnish copies of all required endorsements and completed Certificate(s) of Insurance to the City Manager. The Certificate(s) shall be completed and signed by an agent authorized by that insurer to bind coverage on its behalf. City will not accept a Memorandum of Insurance or Binder as proof of insurance. The certificate(s) must have the agent's signature and phone number and be mailed, with copies of all applicable endorsements, directly from the insurer's authorized representative to City. City shall have no duty to pay or perform under this Agreement until such certificate and endorsements have been received and approved by City.

14.2 City reserves the right to review the insurance requirements of this **Article XIV** during the effective period of this Agreement and any extension or renewal hereof and to request the modification of insurance coverage and limits when deemed necessary and prudent by City's Risk Manager, based upon changes in statutory law, court decisions or circumstances surrounding this Agreement. In no instance will City allow modification whereby City may incur increased risk.

14.3 Consultant's financial integrity is of interest to City; therefore, subject to Consultant's obligation to maintain reasonable deductibles in such amounts as are approved by Consultant's insurance companies, Consultant shall obtain and maintain in full force and effect for the duration of this Agreement and any extension hereof at Consultant's sole expense, insurance coverage written on an occurrence basis, unless otherwise indicated, by companies authorized to do business in the State of Texas and with an A.M Best's rating of no less than A- (VII), in the following types and for an amount not less than the amount listed below. These listed insurance limits are standard limits for all City projects. If a project does not justify these standard limits of insurance coverages, Consultant may request a review of the City's insurance requirements, to be considered on a project-by-project basis:

TYPE	AMOUNTS
1. Workers Compensation	Statutory
2. Employer's Liability	$1,000,000
3. Commercial General Liability Insurance to include coverage for the following: a. Premises/Operation b. Independent Contractors c. Products/Completed Operations d. Personal Injury e. Contractual Liability f. Environmental Impairment/Impact – sufficiently broad to cover disposal liability g. Explosion, Collapse, Underground h. Damage to property rented by you	For Bodily and Property Damage of $1,000,000 per occurrence; $1,000,000 General Aggregate, or its equivalent in Umbrella or Excess Liability Coverage h. $100,000
4. Business Automobile Liability a. Owned/Leased vehicles b. Non-owned vehicles c. Hired vehicles	Combined Single Limit for Bodily Injury and Property Damage of $1,000,000 per occurrence
5. Professional Liability (Claims-made basis) To be maintained and in effect for no less than two years subsequent to the completion of the professional service.	$1,000,000 per claim, to pay on behalf of the insured all sums which the insured shall become legally obligated to pay as damages to the extent caused by any negligent act, terror, or omission in performance of professional services.

City may request, and without expense to City, to inspect copies of Consultant's policies and endorsements as they apply to the limits and forms required by City.

14.4 Consultant agrees to require, by written contract, that all Sub-Consultants and/or Subcontractors providing goods or services hereunder obtain the same insurance coverage required of Consultant herein, and provide a certificate of insurance and endorsement that names Consultant and City as additional insureds. Consultant shall provide City with said certificate and endorsement prior to the commencement of any work by any Sub-Consultant and/or Subcontractor. This provision may be modified by City's Risk Manager, without subsequent City Council approval, when deemed necessary and prudent, based upon changes in statutory law, court decisions or circumstances surrounding this Agreement. Such modification may be enacted by letter signed by City's Risk Manager, which shall become a part of the contract for all purposes.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

14.5 If City requests a copy/copies of an insurance policy, Consultant prominently shall comply and Consultant shall mark those portions of the policy, if any, Consultant regards as confidential. In the event a third party makes an Open Records Request under the Texas Open Records ActAct or other public information law asking to view or copy Consultant's policy, City shall submit the received request, along with Consultant's information to the Texas Attorney General (hereafter referred to as "AG") for an opinion regarding the release of Consultant's policy information. Consultant and City agree that City will be bound by the AG opinion/decision. Similarly, Consultant agrees and accepts City will provide all Consultant information pursuant to a court order or a litigation discovery rule requiring or directing City To disclose any of Consultant's information.

14.6 Consultant agrees, with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following provisions, to the extent permitted by policy provisions, to the extent permitted by policy provisions, terms and conditions:

- Name City, its officers, officials, employees, volunteers, and elected representatives as additional insureds by endorsement or within policy provisions, terms or conditions, with respect to operations and activities of, or on behalf of, the named insured performed under contract with City, with the exception of the workers' compensation and professional liability policies;

- Provide for an endorsement that the "other insurance" clause shall not apply to the City of Hutto where City is an additional insured shown on the policy, as allowed by respective policy provisions, terms and conditions;

- Workers' compensation, employers' liability, general liability and automobile liability policies will provide a waiver of subrogation in favor of City; and

- Where allowed by respective policy provisions, terms and conditions, provide thirty (30) calendar days advance written notice to City of any cancellation or non-renewal or material change in coverage, any change in policy limits by endorsement and not less than ten (10) calendar days advance notice for nonpayment of premium.

14.8 Within ten (10) calendar days of notice to Consultant of a cancellation or non-renewal of coverage, Consultant shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to suspend Consultant's performance, should there be a lapse in coverage at any time during this contract. Failure to provide and to maintain the required insurance shall constitute a material breach of this Agreement.

14.9 In addition to any other remedies City may have upon Consultant's failure to provide and maintain any insurance or policy endorsements, to the extent and within the time herein required, City shall have the right to order Consultant to stop work hereunder until Consultant demonstrates compliance with the requirements hereof.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

14.10 Nothing herein contained shall be construed as limiting in any way the extent to which Consultant may be held responsible for payments of damages to persons or property resulting from Consultant's or its Sub-Consultants' and/or Subcontractors' performance of the work covered under this Agreement.

14.11 It is agreed that Consultant's insurance shall be deemed primary and non-contributory, with respect to any insurance or self-insurance carried by the City of Hutto, for liability arising out of operations under this Agreement.

14.12 It is understood and agreed that the insurance required is in addition to and separate from any other obligation contained in this Agreement and that no claim or action by or on behalf of City shall be limited to insurance coverage provided.

14.13 Consultant and any Sub-Consultants and/or Subcontractors are responsible for all damage to their own equipment and/or property.

ARTICLE XV
INDEMNIFICATION

15.1 Consultant, whose professional services are the subject of this Agreement, covenants and agrees to FULLY INDEMNIFY and HOLD HARMLESS, City and the elected officials, employees, officers, directors, volunteers and representatives of City, individually and collectively, from and against damages, liabilities or costs, including reasonable attorney fee and defense costs, to the extent caused by Consultant's negligent performance of professional services under this Agreement and anyone for whom Consultant legally or contractually is liable. The indemnity provided for in this Section 15.1 shall not apply to any liability resulting from the negligence of City, its officers or employees, in instances where such negligence causes personal injury, death or property damage. IN THE EVENT CONSULTANT AND CITY ARE FOUND JOINTLY LIABLE BY A COURT OF COMPETENT JURISDICTION, LIABILITY SHALL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS FOR THE STATE OF TEXAS, WITHOUT, HOWEVER, WAIVING ANY GOVERNMENTAL IMMUNITY AVAILABLE TO THE CITY UNDER TEXAS LAW AND WITHOUT WAIVING ANY DEFENSES OF THE PARTIES UNDER TEXAS LAW.

15.2 The provisions of this Article XV solely are for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity. Consultant shall advise City in writing within twenty-four (24) hours of any claim or demand against City or Consultant known to Consultant related to or arising out of Consultant's activities under this Agreement and shall see to the investigation and defense of such claim or demand at Consultant's cost. City shall have the right, at its option and at its own expense, to participate in such defense without relieving Consultant of any of its obligations under this Section XV.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE XVI
CLAIMS AND DISPUTES

16.1 **Definition.** A Claim is a demand or assertion by one of the parties hereto seeking, as a matter of right, adjustment or interpretation of an Agreement's terms, payment of money, extension of time or other relief, with respect to the terms of the Agreement. The term "Claim" also includes other disputes and matters in question arising out of or relating to this Agreement. Claims must be initiated by written notice. Every Claim of Consultant, whether for additional compensation, additional time or other relief, shall be signed and sworn to by an authorized corporate officer (if Consultant is not a corporation, then an official of the company authorized to bind Consultant by his/her signature) of Consultant, verifying the truth and accuracy of the Claim. The responsibility to substantiate Claims shall rest with the party making the Claim.

16.2 **Time Limit on Claims.** Claims by Consultant must be initiated in writing to City within twenty-one (21) calendar days after the occurrence of the event giving rise to such Claim.

16.3 **Continuing Contract Performance.** Pending final resolution of a Claim, except as otherwise agreed in writing, Consultant shall proceed diligently with performance of the Agreement and City shall continue to make payments in accordance with this Agreement.

16.4 **Claims for Additional Time.** If Consultant wishes to make a Claim for an increase in the time for performance, written notice, as stated in this **Section XVI**, must be given. Consultant's Claim shall include an estimate of probable effect of delay on progress of the Work. In the case of a continuing delay, only one Claim is necessary.

16.5 **Claims for Consequential Damages**. Except as otherwise provided in this Agreement, in calculating the amount of any Claim or any measure of damages for breach of contract (such provision to survive any termination following such breach), the following standards will apply both to claims by Consultant and to claims by City:

16.5.1 No consequential damages will be allowed; and

16.5.2 Damages are limited to extra costs specifically shown to have been directly caused by a proven wrong for which the other party is claimed to be responsible; and

16.5.3 No profit will be allowed on any damage claim.

16.6 **No Waiver of Governmental Immunity. NOTHING IN THIS SECTION XVI SHALL BE CONSTRUED TO WAIVE CITY'S GOVERNMENTAL IMMUNITY FROM LAWSUIT, WHICH IMMUNITY IS EXPRESSLY RETAINED TO THE EXTENT IT IS NOT CLEARLY AND UNAMBIGUOUSLY WAIVED BY STATE LAW.**

16.7 Alternative Dispute Resolution.

16.7.1 **Continuation of Services Pending Dispute Resolution.** Each party is required to continue to perform its obligations under this Agreement, pending a final resolution of any dispute arising out of or relating to this Agreement, unless it would be impossible or impracticable under the circumstances

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

16.7.2 **Requirement for Senior Level Negotiations.** Before invoking mediation or any other alternative dispute process set forth herein, the parties agree that they first shall try to resolve any dispute arising out of or related to this Agreement through discussions directly between those senior management representatives within their respective organizations who have overall managerial responsibility for similar projects. This step shall be a condition precedent to use of any other alternative dispute resolution process. If the parties' senior management representatives cannot resolve the dispute within thirty (30) calendar days, after a party delivers a written notice of such dispute, then the parties shall proceed with the mediation alternative dispute resolution process contained herein. All negotiations pursuant to this clause are confidential and shall be treated as compromise and settlement negotiations for purposes of applicable rules of evidence.

16.7.3 Mediation.

16.7.3.1 In the event that City or Consultant shall contend that the other has committed a material breach of this Agreement, the party alleging such breach shall, as a condition precedent to filing any lawsuit, request mediation of the dispute.

16.7.3.2 Request for mediation shall be in writing, and shall request that the mediation commence not less than thirty (30) or more than ninety (90) calendar days following the date of the request, except upon agreement of both parties.

16.7.3.3 In the event City and Consultant are unable to agree to a date for the mediation or to the identity of the mediator or mediators within 30 calendar days following the date of the request for mediation, all conditions precedent in this **Article XVI** shall be deemed to have occurred.

16.7.3.4 The parties shall share the mediator's fee and any filing fees equally. Venue for any mediation or lawsuit arising under this Agreement shall be in WilliamsonCounty, Texas. Any agreement reached in mediation shall be enforceable as a settlement agreement in any court having jurisdiction thereof. No provision of this Agreement shall waive any immunity or defense. No provision of this Agreement is a consent to suit.

ARTICLE XVII
SEVERABILITY

If, for any reason, any one or more Articles and/or paragraphs of this Agreement are held invalid or unenforceable, such invalidity or unenforceability shall not affect, impair or invalidate the remaining Articles and/or paragraphs of this Agreement but shall be confined in its effect to the specific Article, sentences, clauses or parts of this Agreement held invalid or unenforceable, and the invalidity or unenforceability of any Article, sentence, clause or parts of this Agreement, in any one or more instance, shall not affect or prejudice in any way the validity of this Agreement in any other instance.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE XVIII
INTEREST IN CITY CONTRACTS PROHIBITED

18.1 No officer or employee of City shall have a financial interest, directly or indirectly, in any contract with City or shall be financially interested, directly or indirectly, in the sale to City of any land, materials, supplies or service, except on behalf of City as an officer or employee. This prohibition extends to City's Public Service Board, SAWS and other City boards and commissions, which are more than purely advisory. The prohibition also applies to Sub-Contracts on City projects.

18.2 Consultant acknowledges that it is informed that the Charter of City and its Ethics Code prohibit a City officer or employee, as those terms are defined in the Ethics Code, from having a financial interest in any contract with City or any City agency, such as City-owned utilities. Consultant's officer or employee has a "prohibited financial interest" in a contract with City or in the sale to City of land, materials, supplies or service, if any of the following individual(s) or entities is a party to the contract or sale: a. a City officer or employee; b. a City officer or employee's parent, child or spouse; c. a business entity in which City officer or employee, or the officer or employee's parent, child or spouse, owns ten percent (10%) or more of the voting stock or shares of the business entity, or ten percent (10)%) or more of the fair market value of the business entity; d. a business entity in which any individual or entity above listed is a subcontractor on a City contract, a partner or a parent or subsidiary business entity.

18.3 Consultant warrants and certifies, and this Agreement is made in reliance thereon, that Consultant, its officers, employees and agents are neither officers nor employees of City. Consultant further warrants and certifies that is has tendered to City a Discretionary Contracts Disclosure Statement in compliance with City's Ethics Code.

ARTICLE XIX
CONFLICT OF INTEREST

19.1 Consultant acknowledges that it is informed that the Charter of the City of Hutto and its Ethics Code prohibit a City officer or employee, as those terms are defined in the Ethics Code, from having a direct interest in any contract with the City.

19.2 Pursuant to the subsection above, Consultant warrants and certifies, and this Agreement is made in reliance thereon, that it, its officers, employees, and agents are neither officers nor employees of the City and shall not have a direct interest in the Agreement. Consultant further warrants and certifies that it will comply with the City's Ethics Code.

19.3 **HB 1295 Certificate of Interested Parties (TEC Form 1295).** For contracts needing City Council approval, or any subsequent changes thereto requiring City Council approval, the City may not accept or enter into a contract until it has received from the Consultant a completed, signed, and notarized TEC Form 1295 complete with a certificate number assigned by the Texas Ethics Commission ("TEC"), pursuant to Texas Government Code § 2252.908 and the rules promulgated thereunder by the TEC. The Consultant understands that failure to provide said form complete with a certificate number assigned by the TEC may prohibit the City from entering into this Agreement. Pursuant to the rules prescribed by the TEC, the TEC Form 1295 must be completed online through the TEC's website, assigned a certificate number, printed, signed, and notarized, and provided to the

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

City. The TEC Form 1295 must be provided to the City prior to the award of the contract. The City does not have the ability to verify the information included in a TEC Form 1295, and does not have an obligation or undertake responsibility for advising Consultant with respect to the proper completion of the TEC Form 1295.

19.4 **No Boycott of Israel; No Terrorist Organization.**

Pursuant to Section 2270.002, Texas Government Code, the CONSULTANT hereby represents that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott Israel and, to the extent this Indenture is a contract for goods or services, will not boycott Israel during the term of this Indenture. The foregoing verification is made solely to comply with Section 2270.002, Texas Government Code, and to the extent such Section does not contravene applicable Federal law. As used in the foregoing verification, "boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

The CONSULTANT understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

Pursuant to Subchapter F, Chapter 2252, Texas Government Code, the CONSULTANT represents that neither it nor any of its parent company, wholly- or majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, and posted on any of the following pages of such officer's internet website:

https://comptroller.texas.gov/purchasing/docs/sudan-list.pdf,
https://comptroller.texas.gov/purchasing/docs/iran-list.pdf, or
https://comptroller.texas.gov/purchasing/docs/fto-list.pdf.

The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, and to the extent such Section does not contravene applicable Federal law and excludes the CONSULTANT and each of its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, that the United States government has affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. The CONSULTANT understands "affiliate" to mean any entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

19.5 **Verification Regarding Energy Company Boycotts.**

To the extent this Agreement constitutes a contract for goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 13, 87th Texas Legislature, Regular Session) as amended, the CONSULTANT hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

affiliates, if any, do not boycott energy companies and, will not boycott energy companies during the term of this Agreement. The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "boycott energy companies" shall have the meaning assigned to the term "boycott energy company" in Section 809.001, Texas Government Code. The CONSULTANT understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

19.6 **Verification Regarding Discrimination Against Firearm Entity or Trade Association.**

To the extent this Agreement constitutes a contract for the purchase of goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 19, 87th Texas Legislature, Regular Session, "SB 19"), as amended, the hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any,

(1) do not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association; and
(2) will not discriminate during the term of this Agreement against a firearm entity or firearm trade association.

The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "discriminate against a firearm entity or firearm trade association" shall have the meaning assigned to such term in Section 2274.001(3), Texas Government Code (as added by SB 19). The CONSULTANT understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the CONSULTANT and exists to make a profit.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE XX
STANDARD OF CARE/LICENSING

20.1 Services provided by Consultant under this Agreement shall be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

20.2 Consultant shall be represented by personnel with appropriate certification(s) at meetings of any official nature concerning the Project, including but not limited to scope meetings, review meetings, pre-bid meetings and preconstruction meetings.

ARTICLE XXI
RIGHT OF REVIEW AND AUDIT

21.1 Consultant grants City, or its designees, the right to audit, examine or inspect, at City's election, all of Consultant's records relating to the performance of the Work under this Agreement, during the term of this Agreement and retention period herein. The audit, examination or inspection may be performed by a City designee, which may include its internal auditors or an outside representative engaged by City. Consultant agrees to retain its records for a minimum of four (4) years following termination of the Agreement, unless there is an ongoing dispute under the contract, then, such retention period shall extend until final resolution of the dispute. "Consultant's records" include any and all information, materials and data of every kind and character generated as a result of the work under this Agreement. Example of Consultant records include, but are not limited to, billings, books, general ledger, cost ledgers, invoices, production sheets, documents, correspondence, meeting notes, subscriptions, agreements, purchase orders, leases, contracts, commitments, arrangements, notes, daily diaries, reports, drawings, receipts, vouchers, memoranda, time sheets, payroll records, policies, procedures, federal and state tax filings for issue in question and any and all other agreements, sources of information and matters that may, in City's judgment, have any bearing on or pertain to any matters, rights, duties or obligations under or covered by any Agreement Documents.

21.2 City agrees that it will exercise the right to audit, examine or inspect Consultant's records only during City's regular business hours. Consultant agrees to allow City's designee access to all of Consultant's Records, Consultant's facilities and current or former employees of Consultant, deemed necessary by City or its designee(s), to perform such audit, inspection or examination. Consultant also agrees to provide adequate and appropriate work space necessary to City or its designees to conduct such audits, inspections or examinations.

21.3 Consultant must include this audit clause in any subcontractor, supplier or vendor contract.

ARTICLE XXII
ENTIRE AGREEMENT

This Agreement represents the entire and integrated Agreement between City and Consultant and supersedes all prior negotiations, representations or agreements, either oral or written. This Agreement may be amended only by written instrument signed by both City and Consultant.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE XXIII
VENUE

The obligations of the parties to this Agreement shall be performable in Hutto, Williamson County, Texas. If legal action, such as civil litigation, is necessary in connection therewith, exclusive venue shall lie in Williamson County, Texas.

ARTICLE XXIV
NOTICES

Except as may be provided elsewhere herein, all notices, communications, and reports required or permitted under this Agreement shall personally be delivered or mailed to the respective party by depositing the same in the United States Postal Service, addressed to the applicable address shown below, unless and until either party otherwise is notified in writing by the other party of a change of such address. Mailed notices shall be deemed communicated as of five (5) calendar days of mailing. In cases of emergency communication may be provided through email, in person, or telephone notices which shall be followed with the mailing procedure herein described.

If intended for City, to:

City of Hutto

Attention: City Engineer
500 West Live Oak
Hutto TX 78634

(512) 759-4933

Matt.rector@huttotx.gov

If intended for Consultant, to:

K Friese & Associates, LLC

Attention: Adam K. Fisher, P.E.
710 Hesters Crossing
Summit II, Suite 110
Round Rock, TX 78661

(512) 338-1704

afisher@hwlochner.com

ARTICLE XXV
INDEPENDENT CONTRACTOR

In performing services under this Agreement, the relationship between City and Consultant is that of an independent contractor. By the execution of this Agreement, Consultant and City do not change the independent contractor status of Consultant. Consultant shall exercise independent judgment in performing its duties and obligations under this Agreement and solely is responsible for setting working hours, scheduling or prioritizing the work flow and determining how the work is to be performed. No term or provision of this Agreement or act of Consultant, in the performance of this Agreement, shall be construed as making Consultant the agent, servant or employee of City, or as making Consultant or any of its agents or employees eligible for any fringe benefits, such as retirement, insurance and worker's compensation, which City provides to or for its employees.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

ARTICLE XXVI
CAPTIONS

The captions for the individual provisions of this Agreement are for informational purposes only and shall not be construed to effect or modify the substance of the terms and conditions of this Agreement to which any caption relates.

IN WITNESS WHEREOF, City of Hutto has lawfully caused these present to execute this Agreement by the hand of City Manager, or designee; Consultant, acting by the hand of _____, thereunto authorized _____ does now sign, execute and deliver this document.

Executed on this_____day of _____, A.D._____

CITY OF HUTTO

_____

James Earp
City Manager

K. Friese & Associates, LLC

Signature: Thomas M. Owens
972D180767CF4C0...

_____

Thomas M. Owens, P.E.
Operations Management

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

EXHIBIT 1
INDIVIDUAL PROJECT ORDER

PROJECT FEE SUMMARY
(TO INCLUDE REIMBURSEABLES, IF ANY)
AND TIMELINE FOR DESIGN PHASE SERVICES

In accordance with Agreement for On Demand Services Transportation Rotation List between the City of Hutto (Owner) and K. Friese & Associates, LLC., the parties agree as follows:

1. Background Data
    a. Project Number: T15
    b. Owner: City of Hutto
    c. Vendor: K. Friese & Associates, LLC

Specific Project (title): Exchange Blvd at Live Oak St

1) Scope of services for K. Friese & Associates, LLC will include the following services (Refer to Attached A for Full Services Detail)

    a. Roadway & Geometry Plans
    b. Site Grading & Drainage
    c. Waterline & Service Relocations Sheets

2) Fee: NTE $65,000

Work Description	Original Fee	Amendment No. 2 Amount	Change in Fee	Fee Type
Additional Professional Services	$65,000	$65,000	$0	Lump Sum
TOTAL	$65,000	$65,000	$0	

3) Deadline: This form is to be signed along with any supplementary materials and must be submitted to Matt Rector, City Engineer via email by **12-19-25.**

Point of Contact
Matt Rector
City Engineer
Matt.Rector@huttotx.gov
512-759-4025

Any questions must be in writing and responses will be provided within 24 hours and shared with other On Demand firms under contract with the City.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

Vendor agrees to provide the services within this Individual Project Order ("IPO") and Vendor is authorized to begin performance upon its receipt of a copy of this IPO signed by Owner.

Except as provided for in this IPO, all other provisions of the Master Service Agreement dated _____October 3rd, 2024_____shall remain in full force in effect.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

Attachment A – Scope of Services

Project No: T15

Exchange Blvd at Live Oak St

Additional Professional Services

Amendment No. 2

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

12.0 Additional Professional Services 3
12.1 Roadway & Geometry Plans 3
12.2 Site Grading & Drainage 3
12.3 Waterline & Service Relocation Sheets 3

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

12.0 Additional Professional Services

Design Survey & ROW Mapping – McGray & McGray Land Surveyors, Inc. (M&M) will provide topographic survey services of Exchange Blvd at Live Oak St and for the USPS Parcel Drainage & Grading needs as shown in attached Exhibit C.

KFA will provide overall project management and quality assurance/quality control for the additional services listed below.

12.1 Roadway & Geometry Plans

i. Revise the layout of the southern driveway along Live Oak St to shift as far east as possible to not interfere with the existing USPS loading dock
ii. Remove parking spaces impacted by the driveway relocation
iii. Relocate the displaced parking spaces along the southwestern curb line to maintain existing parking capacity

12.2 Site Grading & Drainage

i. Design positive surface drainage within the grassed area between the new parking configuration and Live Oak St to prevent ponding
ii. Design positive drainage from the existing pump house along Live Oak St to the existing swale and outfall at the Co-OP pond

12.3 Waterline and Service Relocation Sheets

i. Review Surveys, Maps, As-Builts – Review documents depicting the existing wastewater infrastructure provided by the City of Hutto.
ii. Walk Project – The KFA Team will visit the site to walk the project and assess existing conditions that are visible in order to evaluate new alignments.
iii. Prepare Waterline Plan Sheets – Prepare Water Quantities, Water Notes, and Water Standard Details sheets for the project. The KFA Team will prepare a plan and profile sheet for the segment of water main replacement via open cut. Existing utilities will be shown where information was found to be available and based on field mark-outs of utilities.
    1. General Plans
        a. Sheet Index
        b. Quantity/Summary Sheets
    2. Water Sheets
        a. Water Plan Sheets
        b. Water Notes Sheet (1 Sheet)
        c. Water Plan and Profile Sheet (1” = 40’ scale) (1 Sheet)
        d. Water Standard Details Sheets (1 Sheet)

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

Waterline Design Submittal - The KFA Team will prepare and submit unsealed plans to the City of Hutto for review at the 100% design stage. Plans and profiles will be prepared on 11" x 17" sheets at 1"=40' horizontal scale and 1" = 10' vertical scale and will be submitted in PDF format.

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

Attachment B – Project Fee Schedule

Project No: T15

Exchange Blvd at Live Oak St

Amendment No. 2

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

City of Hutto
Exchange Blvd at Live Oak St

18-Dec-25

CURRENT TOTALS FOR WA

Hours	Labor	Expenses	Total Cost
389	**$64,414.26**	**$585.74**	**$65,000.00**

CURRENT TASK SUB-TOTALS FOR WA

Task	Hours	Labor	Expenses
ADDITIONAL PROFESSIONAL SERVICES	389	$ 64,414.26	$ 585.74
	389	**$ 64,414.26**	**$ 585.74**

HOURLY TASK

Task	Hours	Labor	Expenses
N/A	0	$ -	$ -

Lump Sum Work Items				Assumptions	Hrs/Unit	K. Friese + Associates										Totals		
						$ 370.00	$ 330.00	$ 250.00	$ 220.00	$ 170.00	$ 130.00	$ 150.00	$ 150.00	$ 125.00	$ 110.00			
Task No.	Task Name	Sub-Task No.	Sub-Task			Senior Technical Advisor	Senior Project Manager	Senior Engineer	Project Engineer	Design Engineer	EIT	GIS Specialist	CAD Senior	CAD Mid-level	Contract Specialist	Hours	Labor	Expenses
3	PROJECT MANAGEMENT															0	$0.00	$0.00
3																0	$0.00	$0.00
3																0	$0.00	$0.00
4	SURVEYS															0	$0.00	$0.00
4																0	$0.00	$0.00
4																0	$0.00	$0.00
4																0	$0.00	$0.00
5	LAND RIGHTS ACQUISITION SERVICES															0	$0.00	$0.00
5																0	$0.00	$0.00
5																0	$0.00	$0.00
6	GEOTECHNICAL ANALYSIS															0	$0.00	$0.00
7	ENVIRONMENTAL SERVICES / PERMITTING															0	$0.00	$0.00
8	UTILITY COORDINATION															0	$0.00	$0.00
9	AGENCY PERMITTING															0	$0.00	$0.00
9																0	$0.00	$0.00
10	PUBLIC INVOLVEMENT															0	$0.00	$0.00
11	CONCEPTUAL DESIGN				0											0	$0.00	$0.00
11					0											0	$0.00	$0.00
11					0											0	$0.00	$0.00
11	30% PRELIMINARY DESIGN															0	$0.00	$0.00
11																0	$0.00	$0.00
11																0	$0.00	$0.00
11																0	$0.00	$0.00
11																0	$0.00	$0.00
12	ADDITIONAL PROFESSIONAL SERVICES		Overall Project Management				2		12	4					1	19	$4,090.00	$0.00
12			Quality Assurance/Quality Control				10	10	4							24	$6,680.00	$0.00
12			Index of Sheets							4						4	$680.00	$0.00
12			Quantity/Summary Sheets							8			3			11	$1,810.00	$0.00
12			General Notes Sheet							4						4	$680.00	$0.00
12			Project Layout Sheet							7			1			8	$1,340.00	$0.00
12			Roadway Removal Sheets						1	1			2			4	$690.00	$0.00
12			Roadway Plan & Profile Sheets						2	10			2			14	$2,440.00	$0.00
12			Driveway Plan and Profile Sheets						2	4			2			8	$1,420.00	$0.00
12			Roadway Standards and Details Sheets							4						4	$680.00	$0.00
12			Onsite Drainage Area Maps						2	4			3			9	$1,570.00	$0.00
12			Drainage Hydrologic And Hydraulic Calculations							2			2			4	$640.00	$0.00
12			Storm Sewer Plan & Profile Sheets						2	8			8			18	$3,000.00	$0.00
12			Drainage Standards							1			1			2	$320.00	$0.00
12			Erosion Control Plan Sheets						2	4			2			8	$1,420.00	$0.00
12			Erosion Control Standard Sheets										1			1	$150.00	$0.00
12			Review Surveys, Maps, As-Builts					4			10					14	$2,300.00	$0.00
12			Walk Project					4			6					10	$1,780.00	$0.00
12			Prepare Waterline Plan Sheets - General Plans					4			18					22	$3,340.00	$0.00
12			Prepare Waterline Plan Sheets - Water Sheets					8			40					48	$7,200.00	$0.00
12			Waterline Design Submittal					2			12					14	$2,060.00	$0.00
12			PS&E Comment Response					2	5	8			12			27	$4,760.00	$0.00
13																0	$0.00	$0.00
13																0	$0.00	$0.00
13																0	$0.00	$0.00

Lump Sum Work Items				Assumptions	Hrs/Unit	K. Friese + Associates										Totals		
						$ 370.00	$ 330.00	$ 250.00	$ 220.00	$ 170.00	$ 130.00	$ 150.00	$ 150.00	$ 125.00	$ 110.00			
Task No.	Task Name	Sub-Task No.	Sub-Task			Senior Technical Advisor	Senior Project Manager	Senior Engineer	Project Engineer	Design Engineer	EIT	GIS Specialist	CAD Senior	CAD Mid-level	Contract Specialist	Hours	Labor	Expenses
13	BIDDING SERVICES															0	$0.00	$0.00
13																0	$0.00	$0.00
13																0	$0.00	$0.00
13																0	$0.00	$0.00
14	CONSTRUCTION PHASE SERVICES															0	$0.00	$0.00
14																0	$0.00	$0.00
14																0	$0.00	$0.00
14																0	$0.00	$0.00
14																0	$0.00	$0.00
14																0	$0.00	$0.00
14																0	$0.00	$0.00
14																0	$0.00	$0.00
Total Hours By Category						0	12	34	32	73	86	0	39	0	1	277	$49,050.00	$0.00
Percent of Hours by Category						0.00%	4.33%	12.27%	11.55%	26.35%	31.05%	0.00%	14.08%	0.00%	0.36%	100.00%	Check	
Total Budget by Category						$0.00	$3,960.00	$8,500.00	$7,040.00	$12,410.00	$11,180.00	$0.00	$5,850.00	$0.00	$110.00	$49,050.00	Check	
Percent of Budget by Category						0.00%	8.07%	17.33%	14.35%	25.30%	22.79%	0.00%	11.93%	0.00%	0.22%	100.00%	Check	

Hourly Additional Work Item	N/A

Lump Sum Work Items				Assumptions	Hrs/Unit	McGray & McGray							Totals		
						$169.59	$150.37	$102.38	$115.18	$79.99	$173.25	$125.00			
Task No.	Task Name	Sub-Task No.	Sub-Task			Supervisory Land Surveyor	Registered Prof Land Surveyor	Surveyor Technician	Surveyor-in-Training	Administrative Assistant	Two Person Crew	Terrestrial Lidar Unit	Hours	Labor	Expenses
3	PROJECT MANAGEMENT												0	$0.00	$0.00
3													0	$0.00	$0.00
3													0	$0.00	$0.00
4	SURVEYS												0	$0.00	$0.00
4													0	$0.00	$0.00
4													0	$0.00	$0.00
4													0	$0.00	$0.00
5	LAND RIGHTS ACQUISITION SERVICES												0	$0.00	$0.00
5													0	$0.00	$0.00
5													0	$0.00	$0.00
6	GEOTECHNICAL ANALYSIS												0	$0.00	$0.00
6													0	$0.00	$0.00
7	ENVIRONMENTAL SERVICES / PERMITTING												0	$0.00	$0.00
7													0	$0.00	$0.00
7													0	$0.00	$0.00
7													0	$0.00	$0.00
8	UTILITY COORDINATION												0	$0.00	$0.00
8													0	$0.00	$0.00
9	AGENCY PERMITTING												0	$0.00	$0.00
9													0	$0.00	$0.00
10	PUBLIC INVOLVEMENT												0	$0.00	$0.00
11	CONCEPTUAL DESIGN												0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11	30% PRELIMINARY DESIGN												0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00

Lump Sum Work Items				Assumptions	Hrs/Unit	McGray & McGray							Totals		
						$169.59	$150.37	$102.38	$115.18	$79.99	$173.25	$125.00			
Task No.	Task Name	Sub-Task No.	Sub-Task			Supervisory Land Surveyor	Registered Prof Land Surveyor	Surveyor Technician	Surveyor-in-Training	Administrative Assistant	Two Person Crew	Terrestrial Lidar Unit	Hours	Labor	Expenses
11	60%, 90%, 100% PS&E DESIGN												0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
11													0	$0.00	$0.00
12	ADDITIONAL PROFESSIONAL SERVICES		Obtain ROE			1	4	36	14	3	45	6	4	$409.56	$0.00
12			Topographic Design Survey			3							108	$14,954.70	$0.00
13	BIDDING SERVICES												0	$0.00	$0.00
13													0	$0.00	$0.00
13													0	$0.00	$0.00
13													0	$0.00	$0.00
13													0	$0.00	$0.00
13													0	$0.00	$0.00
13													0	$0.00	$0.00
14	CONSTRUCTION PHASE SERVICES												0	$0.00	$0.00
14													0	$0.00	$0.00
14													0	$0.00	$0.00
14													0	$0.00	$0.00
14													0	$0.00	$0.00
14													0	$0.00	$0.00
14													0	$0.00	$0.00
14													0	$0.00	$0.00
			Total Hours By Category			4	4	36	14	3	45	6	112	$15,364.26	$0.00
			Percent of Hours by Category			3.57%	3.57%	32.14%	12.50%	2.68%	40.18%	5.36%	100.00%	Check	
			Total Budget by Category			$678.36	$601.48	$3,685.68	$1,612.52	$239.97	$7,796.25	$750.00	$15,364.26	Check	
			Percent of Budget by Category			4.42%	3.91%	23.99%	10.50%	1.56%	50.74%	4.88%	100.00%	Check	

Hourly Additional Work Item	N/A

Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

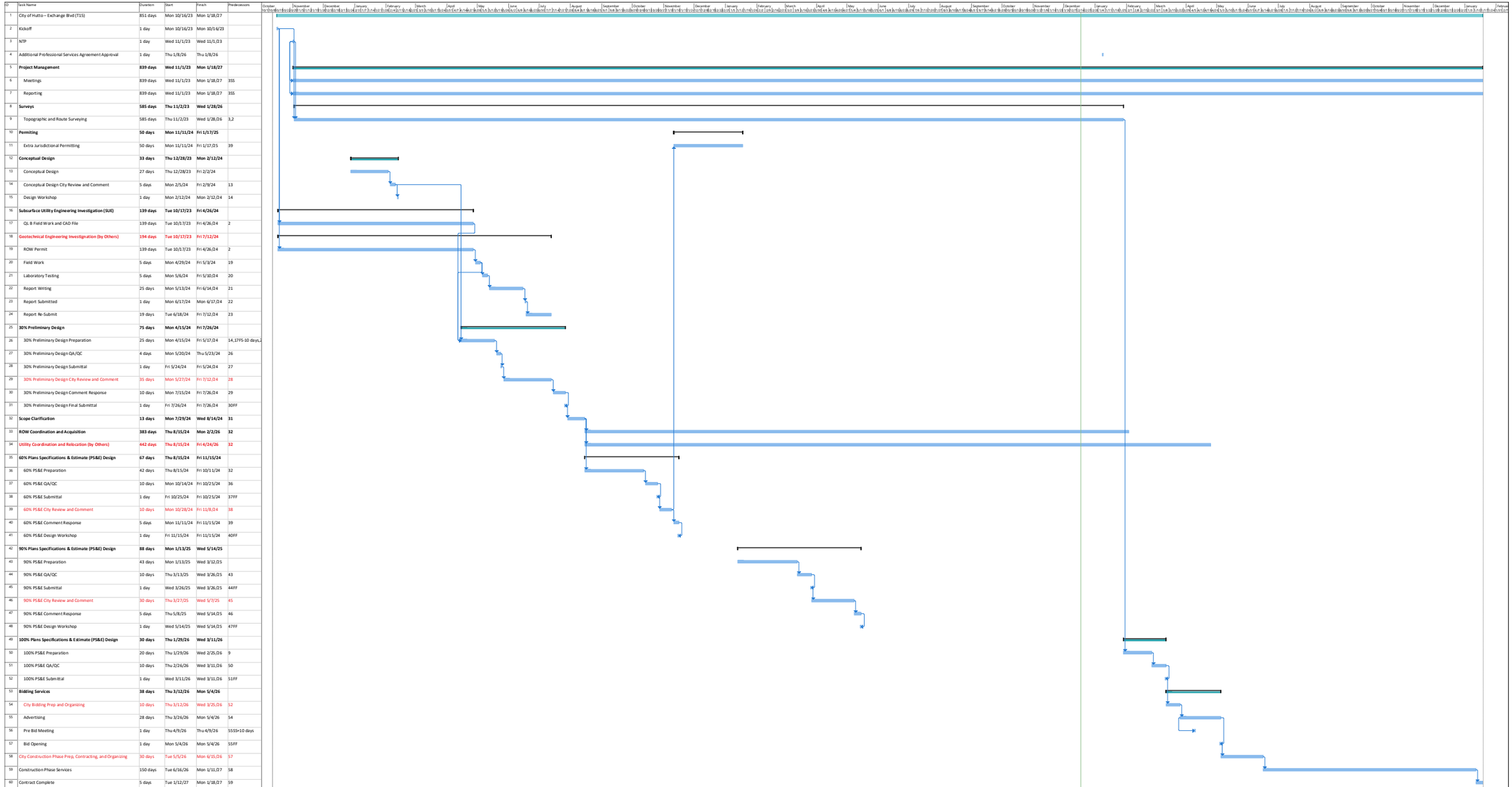
Attachment C – Project Schedule

Project No: T15

Exchange Blvd at Live Oak St

Amendment No. 2

ID	Task Name	Duration	Start	Finish	Predecessors
1	City of Hutto – Exchange Blvd (T15)	851 days	Mon 10/16/23	Mon 1/18/27	
2	Kickoff	1 day	Mon 10/16/23	Mon 10/16/23	
3	NTP	1 day	Wed 11/1/23	Wed 11/1/23	
4	Additional Professional Services Agreement Approval	1 day	Thu 1/8/26	Thu 1/8/26	
5	**Project Management**	**839 days**	**Wed 11/1/23**	**Mon 1/18/27**	
6	Meetings	839 days	Wed 11/1/23	Mon 1/18/27	3SS
7	Reporting	839 days	Wed 11/1/23	Mon 1/18/27	3SS
8	**Surveys**	**585 days**	**Thu 11/2/23**	**Wed 1/28/26**	
9	Topographic and Route Surveying	585 days	Thu 11/2/23	Wed 1/28/26	3,2
10	**Permiting**	**50 days**	**Mon 11/11/24**	**Fri 1/17/25**	
11	Extra Jurisdictional Permitting	50 days	Mon 11/11/24	Fri 1/17/25	39
12	**Conceptual Design**	**33 days**	**Thu 12/28/23**	**Mon 2/12/24**	
13	Conceptual Design	27 days	Thu 12/28/23	Fri 2/2/24	
14	Conceptual Design City Review and Comment	5 days	Mon 2/5/24	Fri 2/9/24	13
15	Design Workshop	1 day	Mon 2/12/24	Mon 2/12/24	14
16	**Subsurface Utility Engineering Investigation (SUE)**	**139 days**	**Tue 10/17/23**	**Fri 4/26/24**	
17	QL B Field Work and CAD File	139 days	Tue 10/17/23	Fri 4/26/24	2
18	**Geotechnical Engineering Investigation (by Others)**	**194 days**	**Tue 10/17/23**	**Fri 7/12/24**	
19	ROW Permit	139 days	Tue 10/17/23	Fri 4/26/24	2
20	Field Work	5 days	Mon 4/29/24	Fri 5/3/24	19
21	Laboratory Testing	5 days	Mon 5/6/24	Fri 5/10/24	20
22	Report Writing	25 days	Mon 5/13/24	Fri 6/14/24	21
23	Report Submitted	1 day	Mon 6/17/24	Mon 6/17/24	22
24	Report Re-Submit	19 days	Tue 6/18/24	Fri 7/12/24	23
25	**30% Preliminary Design**	**75 days**	**Mon 4/15/24**	**Fri 7/26/24**	
26	30% Preliminary Design Preparation	25 days	Mon 4/15/24	Fri 5/17/24	14,17FS-10 days,2
27	30% Preliminary Design QA/QC	4 days	Mon 5/20/24	Thu 5/23/24	26
28	30% Preliminary Design Submittal	1 day	Fri 5/24/24	Fri 5/24/24	27
29	30% Preliminary Design City Review and Comment	35 days	Mon 5/27/24	Fri 7/12/24	28
30	30% Preliminary Design Comment Response	10 days	Mon 7/15/24	Fri 7/26/24	29
31	30% Preliminary Design Final Submittal	1 day	Fri 7/26/24	Fri 7/26/24	30FF
32	**Scope Clarification**	**13 days**	**Mon 7/29/24**	**Wed 8/14/24**	**31**
33	**ROW Coordination and Acquisition**	**383 days**	**Thu 8/15/24**	**Mon 2/2/26**	**32**
34	**Utility Coordination and Relocation (by Others)**	**442 days**	**Thu 8/15/24**	**Fri 4/24/26**	**32**
35	**60% Plans Specifications & Estimate (PS&E) Design**	**67 days**	**Thu 8/15/24**	**Fri 11/15/24**	
36	60% PS&E Preparation	42 days	Thu 8/15/24	Fri 10/11/24	32
37	60% PS&E QA/QC	10 days	Mon 10/14/24	Fri 10/25/24	36
38	60% PS&E Submittal	1 day	Fri 10/25/24	Fri 10/25/24	37FF
39	60% PS&E City Review and Comment	10 days	Mon 10/28/24	Fri 11/8/24	38
40	60% PS&E Comment Response	5 days	Mon 11/11/24	Fri 11/15/24	39
41	60% PS&E Design Workshop	1 day	Fri 11/15/24	Fri 11/15/24	40FF
42	**90% Plans Specifications & Estimate (PS&E) Design**	**88 days**	**Mon 1/13/25**	**Wed 5/14/25**	
43	90% PS&E Preparation	43 days	Mon 1/13/25	Wed 3/12/25	
44	90% PS&E QA/QC	10 days	Thu 3/13/25	Wed 3/26/25	43
45	90% PS&E Submittal	1 day	Wed 3/26/25	Wed 3/26/25	44FF
46	90% PS&E City Review and Comment	30 days	Thu 3/27/25	Wed 5/7/25	45
47	90% PS&E Comment Response	5 days	Thu 5/8/25	Wed 5/14/25	46
48	90% PS&E Design Workshop	1 day	Wed 5/14/25	Wed 5/14/25	47FF
49	**100% Plans Specifications & Estimate (PS&E) Design**	**30 days**	**Thu 1/29/26**	**Wed 3/11/26**	
50	100% PS&E Preparation	20 days	Thu 1/29/26	Wed 2/25/26	9
51	100% PS&E QA/QC	10 days	Thu 2/26/26	Wed 3/11/26	50
52	100% PS&E Submittal	1 day	Wed 3/11/26	Wed 3/11/26	51FF
53	**Bidding Services**	**38 days**	**Thu 3/12/26**	**Mon 5/4/26**	
54	City Bidding Prep and Organizing	10 days	Thu 3/12/26	Wed 3/25/26	52
55	Advertising	28 days	Thu 3/26/26	Mon 5/4/26	54
56	Pre Bid Meeting	1 day	Thu 4/9/26	Thu 4/9/26	55SS+10 days
57	Bid Opening	1 day	Mon 5/4/26	Mon 5/4/26	55FF
58	City Construction Phase Prep, Contracting, and Organizing	30 days	Tue 5/5/26	Mon 6/15/26	57
59	Construction Phase Services	150 days	Tue 6/16/26	Mon 1/11/27	58
60	Contract Complete	5 days	Tue 1/12/27	Mon 1/18/27	59



Docusign Envelope ID: 0C0DE53D-BE0F-4594-9F77-AD5E8E67838C

Attachment D – Form 1295: Certificate of Interested Parties

Project No: T15

Exchange Blvd at Live Oak St

Amendment No. 2

RESOLUTION NO. R-2026-XXX

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, AUTHORIZING AN INDIVIDUAL PROJECT ORDER BETWEEN K FREISE + ASSOCIATES, INC. AND THE CITY OF HUTTO IN THE AMOUNT OF $65,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE EXCHANGE BOULEVARD PROJECT: AUTHORIZING THE CITY MANAGER TO EXECUTE INDIVIDUAL PROJECT ORDER; PROVIDING PROPER NOTICE & MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council desires to approve the Individual Project Order (IPO) attached as Exhibit A and incorporated herein by reference, in the amount of $65,000.00, in accordance with the provisions of the Master Services Agreement for Professional Consulting Services executed between the City of Hutto and K Friese + Associates, Inc.; and

WHEREAS, the IPO provides for design services for the Exchange Blvd. Project; and

WHEREAS, the City Council desires to authorize the City Manager to execute the IPO, attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the Individual Project Order, attached as Exhibit A, a copy of same being attached hereto and incorporated herein for all purposes.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas

Government Code, as amended.

SECTION 4: This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th day of January 2026 on a vote of __AYES; ___NAYS; __ABSTENTIONS.

(Remainder of page intentionally left blank.)

CITY OF HUTTO, TEXAS:

_____

Mike Snyder, Mayor

ATTEST:

_____

Laura Hallmark, City Secretary

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2026-1404970

Date Filed:
01/06/2026

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
K Friese & Associates, LLC
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
Project (T15) Exchange Blvd
Professional Engineering Services

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Ruhl, Terry	Chicago, IL United States	X	
Byers, Tim	Lorton, VA United States	X	
Longest, Tom	Indianapolis, IN United States	X	
Beckman, Ryan	Denver, CO United States	X	
Meyer, Kasey	Golden, CO United States	X	
Egis USA Holdings, Inc.	Dover, DE United States	X	
Friese, Karen	Austin, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is Thomas M. Owens, P.E., and my date of birth is [redacted].

My address is 1120 S Capital of Texas Hwy, Austin (city), TX (state), 78746 (zip code), USA (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Travis County, State of Texas, on the 6 day of January (month), 20 26 (year).

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2026-1404970

Date Filed:
01/06/2026

Date Acknowledged:
01/06/2026

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

K Friese & Associates, LLC
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

Project (T15) Exchange Blvd
Professional Engineering Services

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Ruhl, Terry	Chicago, IL United States	X	
Byers, Tim	Lorton, VA United States	X	
Longest, Tom	Indianapolis, IN United States	X	
Beckman, Ryan	Denver, CO United States	X	
Meyer, Kasey	Golden, CO United States	X	
Egis USA Holdings, Inc.	Dover, DE United States	X	
Friese, Karen	Austin, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____County, State of _____, on the _____day of _____, 20_____.
(month) (year)

_____
Signature of authorized agent of contracting business entity
(Declarant)

AGENDA ITEM REPORT
9.6.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-006 accepting the infrastructure improvements for the FM 1660 and Limmer Loop, Capital Improvement Project (CIP-T03-2023) as public infrastructure. (Matt Rector)
Meeting:	Thursday, January 8, 2026
Department:	Engineering /
Staff Contact:	Matt Rector

ITEM SUMMARY:

The FM 1660 and Limmer Loop project has successfully completed construction for the Capital project.

The purpose of this agenda item serves as formal request from the City of Hutto Engineering staff that the construction work for the Hutto Wastwater Megasite Pipeline project has been successfully completed and is ready for full operation as intended. The project has been constructed in substantial conformance with the approved plans and specifications prepared by TransSystem Corporation Consultants.
All outstanding final completion punch list items have been fully addressed, and stormwater pollution prevention measures have been properly removed following confirmation of at least 70% vegetation establishment, in accordance with regulatory requirements.
Approved by Construction Inspection and Engineering through resolution of inspected punch list items.

FISCAL NOTES:

There is no fiscal impact associated with this agenda item. Funding for this project was included in the Capital Improvement Budget with funding sources from bond issuance and operating funds.

ATTACHMENTS:

1. Final CIP Checklist
2. FM_1660_North_at_Limmer_Loop
3. Hutto RES FM 1660@LimmerLoop_v2
4. FM1660 at Limmer Loop_EngineersConcurrence
5. FM1660 at LimmerLoop-Final Cost and Quantities
6. FM1660@Limmer-CO#08_MaintenanceBond
7. Form 1295 Certificate_Redacted
8. Hutto Const Summary_Limmer
9. JOE BLAND FM 1660 08.23
10. Jonah Acceptance Letter
11. Limmer Loop Overall PunchList
12. TDLRInspectionReport

AGENDA ITEM REPORT
9.6.

13. FM 1660 at Limmer Maintenance Bond COH

FINAL CIP PROJECT CHECKLIST

Date: 12/29/25

Name of Project: FM 1660 at Limmer Loop

Conditional / Final Acceptance Date: _____

Inspector's Name: Todd Meaker Job Number(s): _____

Note: All spaces need to be initialed by Inspector including N/A.

TM 1. Project Construction Summary Date Received: 12/19/25

TM 2. Engineer's Concurrence Letter Date Received: 12/19/25

TM 3. Maintenance Bond(s) Date Received: 11/24/25

TM 4. Final Cost & Quantities signed & sealed by engineer Date Received: 12/19/25

TM 5. As-built Reproducible Plans Date Received: 12/19/25
(1-24"X36", pdf scan, ACAD Base Map files< Shape File .SHP)

TM 6. TDLR report if applicable Date Received: 12/19/25

TM 7. Test Reports

X Manhole Test	_____ WW Low Air Pressure Test / Mandrel Test
_____ TV Test	X Valve & Hydrant Test
X Bacteriological Test	X Water Pressure Test

TM 8. Final Inspection Punch List Date Completed: 11/03/25

N/A 9. Liquidated Damages (Yes or No) If yes, how much $ _____ for _____ days.

N/A 10. No. of Lots for Subdivisions _____ Total Acres in Subdivision. _____

N/A 11. Affidavit of all Bills Paid Date Received: _____

TM 12. Final Change Order Date Received: 12/19/25

NO 13. Extended Warranty (Yes or No) If yes, how long _____

TM 14. Map showing Area being accepted.

Comments: _____

_____

_____

Please initial: TM Inspector, TM Supervisor, _____

FM 1660 North at Limmer Loop

RESOLUTION NO. R-2026-006

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, APPROVING INFRASTRUCTURE IMPROVEMENTS FOR FM 1660 AT LIMMER LOOP IN THE CITY OF HUTTO, WILLIAMSON COUNTY; PROVIDING PROPER NOTICE AND MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the public infrastructure improvements for FM1660 at Limmer Loop Operational improvements have been constructed and are ready for acceptance, and;

WHEREAS, a final inspection was conducted by the City Construction Inspection and Public Works staff on all streets, sidewalks, ramps, drainage, water, and wastewater improvements, and;

WHEREAS, Suretec Insurance Company submitted warranty bonds to cover the material and workmanship for two years, and;

WHEREAS, City Council desires to maintain the Agreement with Joe Bland Construction, LLC; and Individual Project Orders, related thereto, as long as Services for the Capital Improvement Projects are warranted.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to accept the infrastructure and enter into a two-year maintenance period.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 4: This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th day of January 2026 on vote of __AYES; ___NAYS; __ABSTENTIONS

CITY OF HUTTO, TEXAS

_____
Mike Snyder, Mayor

ATTEST:

_____
Laura Hallmark, City Secretary

December 19, 2023

Patricia Davis, P.E.
City of Hutto
Hutto City Hall
500 W. Live Oak Street
Hutto, TX 78634

Re: FM 1660 at Limmer Loop Operational Improvements Project
CSJ No. 1566-01-018
Engineer's Concurrence

Dear Ms. Davis,

I concur that the referenced project has been constructed in substantial compliance with the final as-built plans and specifications.

I further concur that the results of the tests on acceptance samples indicate that the materials incorporated in the construction work, and the construction operations controlled by sampling and testing, were in conformity with the approved plans and specifications.

Sincerely

Loretta Schietinger, PE
HNTB Corporation

HNTB Corporation
Engineers Architects Planners
101 E Old Settlers Blvd.. Ste 225
Round Rock. Texas 78664
Telephone (512) 744-9082
www.hntb.com

HNTB

FINAL COST AND QUANTITIES

FM 1660 at Limmer Loop
1566-01-018

ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE	Final Quantity	Total
1	100 6002	PREPARING ROW	STA	$ 569.00	38.00	$21,622.00
2	104 6009	REMOVING CONC (RIPRAP)	SY	$ 33.00	1,785.00	$58,905.00
3	104 6015	REMOVING CONC (SIDEWALKS)	SY	$ 33.00	2,624.00	$86,592.00
4	104 6017	REMOVING CONC (DRIVEWAYS)	SY	$ 33.00	1,462.00	$48,246.00
5	104 6025	REMOVE CONC (WINGWALL)	CY	$ 236.00	50.00	$11,800.00
6	104 6031	REMOVING CONC (HEADWALL)	CY	$ 236.00	22.00	$5,192.00
7	105 6011	REMOVING STAB BASE AND ASPH PAV (2"-6")	SY	$ 6.00	158.00	$948.00
8	105 6014	REMOVING STAB BASE & ASPH PAV (7"-12")	SY	$ 5.00	2,848.00	$14,240.00
9	110 6001	EXCAVATION (ROADWAY)	CY	$ 13.25	4,005.00	$53,066.25
10	132 6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	$ 11.00	7,358.00	$80,938.00
11	160 6003	FURNISHING AND PLACING TOPSOIL (4")	SY	$ 3.00	10,738.00	$32,214.00
12	164 6007	BROADCAST SEED (PERM) (URBAN) (CLAY)	SY	$ 0.50	10,738.00	$5,369.00
13	168 6001	VEGETATIVE WATERING	MG	$ 61.00	222.00	$13,542.00
14	247 6366	FL BS (CMP IN PLC)(TY A GR 5)(FNAL POS)	CY	$ 64.25	3,830.00	$246,077.50
15	260 6043	LIME (HYD, COM OR QK)(SLURRY)	TON	$ 308.00	282.00	$86,856.00
16	260 6073	LIME TRT (SUBGRADE)(8")	SY	$ 8.50	12,535.00	$106,547.50
17	310 6001	PRIME COAT (MULTI OPTION)	GAL	$ 4.70	2,508.00	$11,787.60
18	400 6005	CEM STABIL BKFL	CY	$ 235.00	78.00	$18,330.00
19	402 6001	TRENCH EXCAVATION PROTECTION	LF	$ 19.00	1,053.00	$20,007.00
20	416 6031	DRILL SHAFT (TRF SIG POLE) (30 IN)	LF	$ 197.00	12.00	$2,364.00
21	416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	$ 370.00	42.00	$15,540.00
22	420 6066	CL C CONC (RAIL FOUNDATION)	CY	$ 656.00	28.00	$18,368.00
23	420 6074	CL C CONC (MISC)	CY	$ 707.00	60.00	$42,420.00
24	420 6136	CL C CONC (RAC-R)	CY	$ 864.00	47.00	$40,608.00
25	432 6001	RIPRAP (CONC)(4 IN)	CY	$ 800.00	430.00	$344,000.00
26	432 6045	RIPRAP (MOW STRIP)(4 IN)	CY	$ 629.67	17.00	$10,704.39
27	450 6023	RAIL (TY SSTR)	LF	$ 145.00	215.00	$31,175.00
28	450 6040	RAIL (TY C66)	LF	$ 455.00	222.00	$101,010.00
29	450 6103	RAIL (TY PR11)	LF	$ 177.00	100.00	$17,700.00
30	462 6010	CONC BOX CULV (6 FT X 3 FT)	LF	$ 567.00	472.00	$267,624.00
31	462 6014	CONC BOX CULV (7 FT X 3 FT)	LF	$ 631.00	581.00	$366,611.00
32	462 6074	CONC BOX CULV (10 FT X 6 FT)(EXTEND)	LF	$ 1,725.00	358.00	$617,550.00
33	464 6001	RC PIPE (CL III)(12 IN)	LF	$ 63.00	25.00	$1,575.00
34	464 6003	RC PIPE (CL III)(18 IN)	LF	$ 72.00	63.00	$4,536.00
35	464 6005	RC PIPE (CL III)(24 IN)	LF	$ 96.00	720.00	$69,120.00
36	464 6007	RC PIPE (CL III)(30 IN)	LF	$ 124.00	0.00	$0.00
37	464 6010	RC PIPE (CL III)(48 IN)	LF	$ 273.00	46.00	$12,558.00
38	465 6005	JCTBOX(COMPL)(PJB)(3FTX3FT)	EA	$ 4,961.00	1.00	$4,961.00
39	465 6021	INLET (COMPL)(PCO)(5FT)(NONE)	EA	$ 5,749.00	4.00	$22,996.00
40	465 6024	INLET (COMPL)(PCO)(5FT)(BOTH)	EA	$ 5,849.00	3.00	$17,547.00
41	465 6040	INLET (COMPL)(PCU)(5FT)(BOTH)	EA	$ 7,848.00	1.00	$7,848.00
42	465 6048	INLET (COMPL)(POD)(FG)(3FTX3FT)	EA	$ 5,652.00	1.00	$5,652.00
43	465 6049	INLET (COMPL)(POD)(FG)(4FTX4FT)	EA	$ 6,430.00	3.00	$19,290.00
44	465 6146	INLET(COMPL)(PSL)(SFG)(3FTX3FT-3FTX3FT)	EA	$ 5,802.00	2.00	$11,604.00
45	465 6147	INLET(COMPL)(PSL)(SFG)(4FTX4FT-4FTX4FT)	EA	$ 6,176.00	1.00	$6,176.00
46	465 6162	INLET(COMPL)(PAZD)(FG)(5FTX5FT-4FTX4FT)	EA	$ 6,721.00	1.00	$6,721.00
47	465 6225	JCT BOX (COMPL)(SPL)	EA	$ 5,136.00	1.00	$5,136.00

ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE	Final Quantity	Total
48	465 6490	MANH (COMPL)(TY SD)(3FT X 3FT)(FTW)	EA	$ 3,837.00	2.00	$7,674.00
49	466 6184	WINGWALL (PW - 1) (HW=9 FT)	EA	$ 89,880.00	2.00	$179,760.00
50	467 6005	SET (TY I) (24 IN) (3: 1) (C)	EA	$ 2,002.00	7.00	$14,014.00
51	467 6217	SET (TY I)(S= 6 FT)(HW= 5 FT)(3:1) (C)	EA	$ 16,575.00	3.00	$49,725.00
52	467 6253	SET (TY I)(S= 7 FT)(HW= 6 FT)(3:1) (C)	EA	$ 29,561.00	1.00	$29,561.00
53	467 6343	SET (TY II) (18 IN) (CMP) (3: 1) (C)	EA	$ 1,738.00	2.00	$3,476.00
54	476 6014	JACK BOR OR TUN PIPE(24 IN)(RC)(CL IV)	LF	$ 1,015.00	75.00	$76,125.00
55	496 6004	REMOV STR (SET)	EA	$ 90.00	17.00	$1,530.00
56	496 6007	REMOV STR (PIPE)	LF	$ 24.26	397.00	$9,631.22
57	496 6099	REMOVE STR (RAIL)	LF	$ 24.26	715.00	$17,345.90
58	500 6001	MOBILIZATION	LS	$ 120,000.00	1.00	$120,000.00
59	502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	$ 2,349.00	19.00	$44,631.00
60	506 6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	$ 39.00	118.00	$4,602.00
61	506 6003	ROCK FILTER DAMS (INSTALL) (TY 3)	LF	$ 92.00	157.00	$14,444.00
62	506 6011	ROCK FILTER DAMS (REMOVE)	LF	$ 14.00	275.00	$3,850.00
63	506 6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	$ 28.00	78.00	$2,184.00
64	506 6024	CONSTRUCTION EXITS (REMOVE)	SY	$ 17.00	78.00	$1,326.00
65	506 6035	SANDBAGS FOR EROSION CONTROL	EA	$ 5.00	0.00	$0.00
66	506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	$ 4.50	2,245.00	$10,102.50
67	506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	$ 1.51	2,245.00	$3,389.95
68	506 6040	BIODEG EROSN CONT LOGS (INSTL) (8")	LF	$ 6.00	0.00	$0.00
69	506 6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	$ 2.25	0.00	$0.00
70	512 6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	LF	$ 22.00	640.00	$14,080.00
71	512 6053	PORT CTB (REMOVE)(F-SHAPE)(TY 1)	LF	$ 22.00	640.00	$14,080.00
72	528 6001	COLORED TEXTURED CONC (4")	SY	$ 220.00	572.00	$125,840.00
73	529 6001	CONC CURB (TY I)	LF	$ 29.00	162.00	$4,698.00
74	529 6002	CONC CURB (TY II)	LF	$ 29.00	919.00	$26,651.00
75	529 6008	CONC CURB & GUTTER (TY II)	LF	$ 23.25	4,412.00	$102,579.00
76	530 6004	DRIVEWAYS (CONC)	SY	$ 92.00	1,162.00	$106,904.00
77	531 6003	CONC SIDEWALKS (6")	SY	$ 72.00	3,811.00	$274,392.00
78	531 6004	CURB RAMPS (TY 1)	EA	$ 1,783.00	5.00	$8,915.00
79	531 6010	CURB RAMPS (TY 7)	EA	$ 3,355.00	2.00	$6,710.00
80	531 6016	CURB RAMPS (TY 21)	EA	$ 2,466.00	1.00	$2,466.00
81	531 6017	CURB RAMPS (TY 22)	EA	$ 6,482.00	4.00	$25,928.00
82	536 6002	CONC MEDIAN	SY	$ 127.00	602.00	$76,454.00
83	540 6001	MTL W-BEAM GD FEN (TIM POST)	LF	$ 43.00	184.00	$7,912.00
84	540 6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	$ 3,531.00	2.00	$7,062.00
85	540 6016	DOWNSTREAM ANCHOR TERMINAL SECTION	EA	$ 2,391.00	1.00	$2,391.00
86	542 6001	REMOVE METAL BEAM GUARD FENCE	LF	$ 3.25	1,542.00	$5,011.50
87	544 6001	GUARDRAIL END TREATMENT (INSTALL)	EA	$ 4,783.00	2.00	$9,566.00
88	545 6005	CRASH CUSH ATTEN (REMOVE)	EA	$ 723.00	3.00	$2,169.00
89	545 6019	CRASH CUSH ATTEN (INSTL)(S)(N)(TL3)	EA	$ 8,149.00	3.00	$24,447.00
90	618 6023	CONDT (PVC) (SCH 40) (2")	LF	$ 21.00	132.00	$2,772.00
91	618 6029	CONDT (PVC) (SCH 40) (3")	LF	$ 28.00	604.00	$16,912.00
92	618 6030	CONDT (PVC) (SCH 40) (3") (BORE)	LF	$ 57.00	1,229.00	$70,053.00
93	620 6004	ELEC CONDR (NO.12) INSULATED	LF	$ 1.25	2,185.00	$2,731.25
94	620 6007	ELEC CONDR (NO.8) BARE	LF	$ 1.90	1,780.00	$3,382.00
95	620 6008	ELEC CONDR (NO.8) INSULATED	LF	$ 2.50	2,225.00	$5,562.50
96	620 6009	ELEC CONDR (NO.6) BARE	LF	$ 2.50	189.00	$472.50
97	620 6010	ELEC CONDR (NO.6) INSULATED	LF	$ 3.70	378.00	$1,398.60
98	624 6002	GROUND BOX TY A (122311)W/APRON	EA	$ 1,847.00	1.00	$1,847.00
99	624 6010	GROUND BOX TY D (162922)W/APRON	EA	$ 2,831.00	5.00	$14,155.00
100	628 6165	ELC SRV TY D 120/240 070(NS)AL(E)SP(O)	EA	$ 7,139.00	1.00	$7,139.00
101	636 6001	ALUMINUM SIGNS (TY A)	SF	$ 48.00	235.00	$11,280.00

ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE	Final Quantity	Total
102	644 6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	$ 973.00	16.00	$15,568.00
103	644 6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	$ 1,224.00	5.00	$6,120.00
104	644 6009	IN SM RD SN SUP&AM TY10BWG(1)SB(P)	EA	$ 1,085.00	1.00	$1,085.00
105	644 6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	EA	$ 1,836.00	2.00	$3,672.00
106	644 6076	REMOVE SM RD SN SUP&AM	EA	$ 84.00	10.00	$840.00
107	647 6002	RELOCATE LRSA	EA	$ 3,570.00	1.00	$3,570.00
108	658 6014	INSTL DEL ASSM (D-SW)SZ (BRF)CTB (BI)	EA	$ 28.00	2.00	$56.00
109	658 6046	INSTL OM ASSM (OM-2X)(WC)GND	EA	$ 123.00	7.00	$861.00
110	658 6062	INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI)	EA	$ 106.00	3.00	$318.00
111	662 6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	$ 0.84	13,378.00	$11,237.52
112	662 6071	WK ZN PAV MRK REMOV (W)8"(SLD)	LF	$ 4.00	6,498.00	$25,992.00
113	662 6075	WK ZN PAV MRK REMOV (W)24"(SLD)	LF	$ 33.50	200.00	$6,700.00
114	662 6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF	$ 0.84	26,565.00	$22,314.60
115	666 6006	REFL PAV MRK TY I (W)4"(DOT)(100MIL)	LF	$ 11.00	42.00	$462.00
116	666 6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	$ 2.25	4,859.00	$10,932.75
117	666 6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	$ 9.00	879.00	$7,911.00
118	666 6054	REFL PAV MRK TY I (W)(ARROW)(100MIL)	EA	$ 250.00	29.00	$7,250.00
119	666 6072	REFL PAV MRK TY I(W)(LNDP ARW)(100MIL)	EA	$ 529.00	6.00	$3,174.00
120	666 6078	REFL PAV MRK TY I (W)(WORD)(100MIL)	EA	$ 317.00	23.00	$7,291.00
121	666 6102	REF PAV MRK TY I(W)36"(YLD TRI)(100MIL)	EA	$ 83.50	14.00	$1,169.00
122	666 6147	REFL PAV MRK TY I (Y)24"(SLD)(100MIL)	LF	$ 28.00	202.00	$5,656.00
123	666 6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	$ 5.50	330.00	$1,815.00
124	666 6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	$ 0.75	0.00	$0.00
125	666 6312	RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL)	LF	$ 5.50	735.00	$4,042.50
126	666 6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	$ 0.75	17,135.00	$12,851.25
127	672 6007	REFL PAV MRKR TY I-C	EA	$ 8.75	223.00	$1,951.25
128	672 6009	REFL PAV MRKR TY II-A-A	EA	$ 8.75	516.00	$4,515.00
129	672 6010	REFL PAV MRKR TY II-C-R	EA	$ 8.75	0.00	$0.00
130	677 6001	ELIM EXT PAV MRK & MRKS (4")	LF	$ 0.50	27,060.00	$13,530.00
131	677 6003	ELIM EXT PAV MRK & MRKS (8")	LF	$ 2.25	3,180.00	$7,155.00
132	677 6007	ELIM EXT PAV MRK & MRKS (24")	LF	$ 5.50	98.00	$539.00
133	680 6002	INSTALL HWY TRF SIG (ISOLATED)	EA	$ 34,467.00	1.00	$34,467.00
134	680 6004	REMOVING TRAFFIC SIGNALS	EA	$ 3,447.00	1.00	$3,447.00
135	681 6001	TEMP TRAF SIGNALS	EA	$ 37,026.04	1.00	$37,026.04
136	682 6001	VEH SIG SEC (12")LED(GRN)	EA	$ 431.00	8.00	$3,448.00
137	682 6002	VEH SIG SEC (12")LED(GRN ARW)	EA	$ 431.00	5.00	$2,155.00
138	682 6003	VEH SIG SEC (12")LED(YEL)	EA	$ 431.00	8.00	$3,448.00
139	682 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	$ 431.00	7.00	$3,017.00
140	682 6005	VEH SIG SEC (12")LED(RED)	EA	$ 431.00	8.00	$3,448.00
141	682 6006	VEH SIG SEC (12")LED(RED ARW)	EA	$ 431.00	5.00	$2,155.00
142	682 6018	PED SIG SEC (LED)(COUNTDOWN)	EA	$ 1,145.00	8.00	$9,160.00
143	682 6049	BACKPLATE W/REFL BRDR(4 SEC)	EA	$ 198.00	2.00	$396.00
144	682 6060	BACKPLATE W/REFL BRDR(3 SEC)	EA	$ 160.00	11.00	$1,760.00
145	684 6010	TRF SIG CBL (TY A)(12 AWG)(5 CONDR)	LF	$ 2.50	4,198.00	$10,495.00
146	684 6012	TRF SIG CBL (TY A)(12 AWG)(7 CONDR)	LF	$ 3.75	712.00	$2,670.00
147	684 6028	TRF SIG CBL (TY A)(14 AWG)(2 CONDR)	LF	$ 2.50	2,038.00	$5,095.00
148	686 6032	INS TRF SIG PL AM(S)1 ARM(28')LUM&ILSN	EA	$ 19,695.00	1.00	$19,695.00
149	686 6044	INS TRF SIG PL AM(S)1 ARM(40')LUM&ILSN	EA	$ 23,388.00	3.00	$70,164.00
150	687 6001	PED POLE ASSEMBLY	EA	$ 1,846.50	5.00	$9,232.50
151	688 6001	PED DETECT PUSH BUTTON (APS)	EA	$ 923.00	8.00	$7,384.00
152	688 6003	PED DETECTOR CONTROLLER UNIT	EA	$ 3,939.00	1.00	$3,939.00
153	3076 6003	D-GR HMA TY-B PG64-22 (EXEMPT)	TON	$ 154.30	2,045.41	$315,606.76
154	3076 6051	D-GR HMA TY-D PG76-22 (LEVEL-UP)	TON	$ 148.18	89.97	$13,331.75
155	3076 6072	D-GR HMA TY-D PG 76-22 (EXEMPT)	TON	$ 168.17	1,408.89	$236,933.03

ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE	Final Quantity	Total
156	3081 6008	TOM-C PG76-22 SAC-B	TON	$ 244.61	1,596.56	$390,534.54
157	3084 6001	BONDING COURSE	GAL	$ 4.70	820.00	$3,854.00
158	3085 6001	UNDERSEAL COURSE	GAL	$ 4.70	4,835.00	$22,724.50
159	4150 6001	REMOVE AND RELOCATE GATE ASSEMBLY	EA	$ 6,119.00	3.00	$18,357.00
160	5001 6002	GEOGRID BASE REINFORCEMENT (TY II)	SY	$ 3.00	12,535.00	$37,605.00
161	6001 6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	$ 2,781.00	0.00	$0.00
162	6004 6031	ITS COM CBL (ETHERNET)	LF	$ 3.70	256.00	$947.20
163	6010 6002	CCTV FIELD EQUIPMENT (DIGITAL)	EA	$ 5,663.00	1.00	$5,663.00
164	6058 6002	BBU SYSTEM (STAND-ALONE BATT CABINET)	EA	$ 9,478.00	1.00	$9,478.00
165	6185 6002	TMA (STATIONARY)	DAY	$ 61.00	0.00	$0.00
166	6292 6001	RVDS(PRESENCE DETECTION ONLY)	EA	$ 7,139.00	4.00	$28,556.00
167	6292 6002	RVDS(ADVANCE DETECTION ONLY)	EA	$ 7,139.00	4.00	$28,556.00
168	6386 6001	INSTALLATION OF CELLULAR MODEM	EA	$ 307.00	1.00	$307.00
Hutto Waterline Relocation						
169	C9.05	CONTROLLED LOW STRENGTH MATERIAL	CY	$ 198.00	3.00	$594.00
170	501S	JACKING OR BORING 30" PIPE, STEEL ENCASEMENT (1/2")	LF	$ 794.00	127.00	$100,838.00
171	CIP11.06.B	TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS (ALL DEPTHS)	LF	$ 2.28	914.00	$2,083.92
172	W1.17.A	DUCTILE IRON FITTINGS	TON	$ 29,323.00	1.75	$51,315.25
173	W1.17.AR.6	RESTRAINED PIPE, 6" DIA. DI CL-350, COMPLETE IN PLACE, INCL EXC AND BACKFILL	LF	$ 109.00	0.00	$0.00
174	W2.10.AR.12	RESTRAINED PIPE, 12" DIA. PVC C900 DR-18 (ALL DEPTHS), INCL EXC AND BACKFILL	LF	$ 85.00	0.00	$0.00
175	W2.10.AR.16	RESTRAINED PIPE, 16" DIA. PVC C900 DR-18 (ALL DEPTHS) W RESTRAINED JOINTS INCL EXC & BACKFILL	LF	$ 167.00	0.00	$0.00
176	W3.21.A	FIRE HYDRANT ASSEMBLY, INCLUDING 6" VALVE, 6" PIPE, FITTINGS, RESTRAINTS	EA	$ 8,407.00	0.00	$0.00
177	W3.21.A.12	VALVES, GATE, 12" DIAMETER	EA	$ 4,139.00	1.00	$4,139.00
178	W3.21.A.2	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE ASSEMBLY, 2-IN DIA.	EA	$ 5,074.00	1.00	$5,074.00
179	W4.04.30	ENCASEMENT PIPE, 30" DIA., STEEL (1/2")	LF	$ 286.00	67.00	$19,162.00
180	SP.W2.10.D	RESTRAIN EXISTING PVC PIPE. 16" DIA.	EA	$ 1,739.00	1.00	$1,739.00
181	SP.W3.21.G.16	PRESSURE TAPS, 16"DIA.X16"DIA., INCLUDING TAPPING SLEEVE AND VALVE	EA	$ 22,452.00	2.00	$44,904.00
182	SS.W3.A.16	VALVES, INSERTION, 16" DIA., HYDRA-STOP INSTA-VALVE PLUS 250 PATRIOT SERIES OR APP EQUAL, INCL COST OF INSTALL ON ACTIVE WL, USE OF CONC THRUST BLOCKS AND MEGALUGS, COMPLETE IN PLACE	EA	$ 39,125.00	2.00	$78,250.00
Hutto Wastewater Manhole Relocation						
183	SP.WW1.13.C	MINOR MANHOLE ADJUSTMENT	EA	$ 3,855.00	1.00	$3,855.00
184	SP.WW1.13.D	MAJOR MANHOLE ADJUSTMENT	EA	$ 3,479.00	1.00	$3,479.00
Jonah SUD Utility Adjustments						
185	J107-01	16" C-900 DR-18 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED	LF	$ 155.00	477.00	$73,935.00
186	J107-02	16" RESTRAINED JOINT C-900 DR-18 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED	EA	$ 199.00	44.00	$8,756.00
187	J107-03	12" C-900 DR-18 PVC PIPE AND FITTINGS W/ TRACER WIRE; INSTALLED	LF	$ 103.00	934.00	$96,202.00
188	J107-04	12" RESTRAINED JOINT C-900 DR-18 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED	EA	$ 106.00	119.00	$12,614.00
189	J107-05	8" C-900 DR-18 PVC PIPE AND FITTINGS W/ TRACER WIRE; INSTALLED	LF	$ 69.25	595.00	$41,203.75
190	J107-06	8" RESTRAINED JOINT C-900 DR-18 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED	EA	$ 81.00	123.00	$9,963.00
190.1	J107-06	8" RESTRAINED JOINT C-900 DR-14 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED	EA	$ 189.00	11.00	$2,079.00
191	J107-07	6" RESTRAINED JOINT C-900 DR-18 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED	LF	$ 65.00	19.00	$1,235.00
192	J107-08	24" STEEL ENC. PIPE, BORED; W/ 16" RESTRAINED JOINT C900 DR18 PVC PIPE: INSTALLED	LF	$ 619.00	175.00	$108,325.00
193	J107-09	24" STEEL ENC. PIPE, OPEN CUT; W/ 16" RESTRAINED JOINT C900 DR18 PVC PIPE: INSTALLED	LF	$ 386.00	56.00	$21,616.00

ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE	Final Quantity	Total
194	J107-10	20" STEEL ENC. PIPE, BORED; W/ 12" RESTRAINED JOINT C900 DR18 PVC PIPE: INSTALLED	LF	$ 537.00	100.00	$53,700.00
195	J107-11	20" STEEL ENC. PIPE, OPEN CUT; W/ 12" RESTRAINED JOINT C900 DR18 PVC PIPE: INSTALLED	LF	$ 251.00	35.00	$8,785.00
196	J107-12	20" STEEL ENC. PIPE, BORED; W/ 8" RESTRAINED JOINT C900 DR18 PVC PIPE: INSTALLED	LF	$ 512.00	315.00	$161,280.00
197	J107-13	20" STEEL ENC. PIPE, OPEN CUT; W/ 8" RESTRAINED JOINT C900 DR18 PVC PIPE: INSTALLED	LF	$ 209.00	90.00	$18,810.00
198	J107-14	16" STEEL ENC. PIPE, OPEN CUT; W/ 8" RESTRAINED JOINT C900 DR18 PVC PIPE: INSTALLED	LF	$ 44.00	20.00	$880.00
199	J107-15	16" GATE VALVE, BOX AND MARKER; INSTALLED	EA	$ 11,445.00	4.00	$45,780.00
200	J107-16	12" GATE VALVE, BOX, AND MARKER; INSTALLED	EA	$ 4,096.00	6.00	$24,576.00
201	J107-17	8" GATE VALVE, BOX, AND MARKER; INSTALLED	EA	$ 2,531.00	5.00	$12,655.00
201.1	J107-17	8" GATE VALVE, BOX, AND MARKER; INSTALLED	EA	$ 2,914.00	1.00	$2,914.00
202	J107-18	REMOVE EXISTING GATE VALVE; COMPLETE	EA	$ 1,004.00	6.00	$6,024.00
202.1	J107-18	REMOVE EXISTING GATE VALVE; COMPLETE	EA	$ 1,500.00	1.00	$1,500.00
203	J107-19	NEW FIRE HYDRANTS ASSEMBLY; COMPLETE AND INSTALLED	EA	$ 6,366.00	4.00	$25,464.00
204	J107-20	REMOVE EXISTING FIRE HYDRANT COMPLETE	EA	$ 726.00	4.00	$2,904.00
205	J107-21	AIR/VACUUM RELIEF VALVE ASSEMBLY AND MARKER; INSTALLED	EA	$ 5,209.00	1.00	$5,209.00
206	J107-22	BLOW OFF VALVE ASSEMBLY AND MARKER; INSTALLED	EA	$ 3,593.03	1.00	$3,593.03
207	J107-23	CONNECT NEW 16" TO EXISTING 16"; INSTALLED	EA	$ 2,773.00	1.00	$2,773.00
208	J107-24	CONNECT NEW 12" TO EXISTING 12"; INSTALLED	EA	$ 1,663.00	1.00	$1,663.00
209	J107-25	CONNECT NEW 8" TO EXISTING 8"; INSTALLED	EA	$ 1,227.00	1.00	$1,227.00
209.1	J107-25	CONNECT NEW 8" TO EXISTING 8"; INSTALLED	EA	$7,000.00	1.00	$7,000.00
210	J107-26	RECONNECT TO EXISTING WATER METERS; COMPLETE	EA	$ 1,555.00	2.00	$3,110.00
211	J107-27	COMPACTED GRAVEL DRIVE REPLACEMENT, TO INCLUDE COMPACTED GRAVEL TRENCH	SY	$ 72.00	81.00	$5,832.00
212	J107-28	SAW CUT, REMOVAL AND REPLACEMENT OF EXISTING REINFORCED CONCRETE DRIVE, TO SAW INCLUDE COMPACTED TRENCH BACKFILL	SY	$ 69.00	280.00	$19,320.00
213	J107-29	SAW CUT, REMOVAL AND REPLACEMENT OF EXISTING REINFORCED CONCRETE SIDEWALK	SY	$ 75.00	1,411.00	$105,825.00
214	J107-30	CAP AND GROUT FILL ABANDONED VARIOUS SIZE WATERLINES WITHIN TXDOT/R.R. R.O.W.; COMPLETE, TO INCLUDE REQUIRED CAPS, MATERIALS, EQUIPMENT, AND LABOR	LS	$ 1.00	20,000.00	$20,000.00
215	J107-31	TRENCH SAFETY SYSTEM DESIGN AND EIMPLEMENTATION	LF	$ 4.55	2,512.00	$11,429.60
216	J107-32	MOBILIZATION (NOT TO EXCEED 10% OF TOTAL PROJECT BID)	LS	$ 0.45	100,000.00	$45,000.00
NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT						
216	COH1	FORCE ACCOUNT - SAFETY CONTINGENCY	DOL	$ 1.00	26,509.34	$26,509.34
217	COH2	FORCE ACCOUNT - EROSION CONTROL	DOL	$ 1.00	6,609.05	$6,609.05
218	COH3	FORCE ACCOUNT - LAW ENFORCEMENT	DOL	$ 1.00	8,466.22	$8,466.22
DURANGO FARMS CHANGE ORDER						
219	104 6009	REMOVING CONC (RIPRAP)	SY	$ 33.00	137.00	$4,521.00
220	104 6017	REMOVING CONC (DRIVEWAYS)	SY	$ 33.00	88.00	$2,904.00
221	110 6001	EXCAVATION (ROADWAY)	CY	$ 13.25	1,171.00	$15,515.75
222	132 6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	$ 11.00	168.00	$1,848.00
223	160 6003	FURNISHING AND PLACING TOPSOIL (4")	SY	$ 3.00	(396.00)	($1,188.00)
224	164 6007	BROADCAST SEED (PERM) (URBAN) (CLAY)	SY	$ 0.50	(396.00)	($198.00)
225	247 6366	FL BS (CMP IN PLC)(TY A GR 5)(FNAL POS)	CY	$ 64.25	212.00	$13,621.00
226	260 6043	LIME (HYD, COM OR QK)(SLURRY)	TON	$ 308.00	16.00	$4,928.00
227	260 6073	LIME TRT (SUBGRADE)(8")	SY	$ 8.50	689.00	$5,856.50
228	310 6001	PRIME COAT (MULTI OPTION)	GAL	$ 4.70	138.00	$648.60
229	402 6001	TRENCH EXCAVATION PROTECTION	LF	$ 19.00	(3.00)	($57.00)
230	432 6001	RIPRAP (CONC)(4 IN)	CY	$ 800.00	112.00	$89,600.00
231	432 6045	RIPRAP (MOW STRIP)(4 IN)	CY	$ 629.67	9.00	$5,667.03
232	462 6014	CONC BOX CULV (7 FT X 3 FT)	LF	$ 631.00	(3.00)	($1,893.00)

ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE	Final Quantity	Total
233	467 6253	SET (TY I)(S= 7 FT)(HW= 6 FT)(3:1) (C)	EA	$ 29,561.00	2.00	$59,122.00
234	496 6007	REMOV STR (PIPE)	LF	$ 24.26	58.00	$1,407.08
235	506 6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	$ 39.00	95.00	$3,705.00
236	506 6011	ROCK FILTER DAMS (REMOVE)	LF	$ 14.00	95.00	$1,330.00
237	506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	$ 4.50	45.00	$202.50
238	506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	$ 1.51	45.00	$67.95
239	506 6040	BIODEG EROSN CONT LOGS (INSTL) (8")	LF	$ 6.00	0.00	$0.00
240	506 6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	$ 2.25	0.00	$0.00
241	529 6001	CONC CURB (TY I)	LF	$ 29.00	79.00	$2,291.00
242	530 6004	DRIVEWAYS (CONC)	SY	$ 92.00	194.00	$17,848.00
243	536 6002	CONC MEDIAN	SY	$ 127.00	31.00	$3,937.00
244	540 6001	MTL W-BEAM GD FEN (TIM POST)	LF	$ 43.00	203.00	$8,729.00
245	542 6001	REMOVE METAL BEAM GUARD FENCE	LF	$ 3.25	205.00	$666.25
246	644 6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	$ 973.00	2.00	$1,946.00
247	644 6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	$ 1,224.00	1.00	$1,224.00
248	644 6009	IN SM RD SN SUP&AM TY10BWG(1)SB(P)	EA	$ 1,085.00	1.00	$1,085.00
249	644 6076	REMOVE SM RD SN SUP&AM	EA	$ 84.00	1.00	$84.00
250	658 6062	INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI)	EA	$ 106.00	4.00	$424.00
251	666 6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	$ 2.25	401.00	$902.25
252	666 6054	REFL PAV MRK TY I (W)(ARROW)(100MIL)	EA	$ 250.00	1.00	$250.00
253	666 6078	REFL PAV MRK TY I (W)(WORD)(100MIL)	EA	$ 317.00	1.00	$317.00
254	672 6007	REFL PAV MRKR TY I-C	EA	$ 8.75	28.00	$245.00
255	672 6009	REFL PAV MRKR TY II-A-A	EA	$ 8.75	(22.00)	($192.50)
256	672 6010	REFL PAV MRKR TY II-C-R	EA	$ 8.75	(5.00)	($43.75)
257	3076 6003	D-GR HMA TY-B PG64-22 (EXEMPT)	TON	$ 154.30	89.00	$13,732.70
258	3076 6051	D-GR HMA TY-D PG76-22 (LEVEL-UP)	TON	$ 148.18	7.00	$1,037.26
259	3076 6072	D-GR HMA TY-D PG 76-22 (EXEMPT)	TON	$ 168.17	61.00	$10,258.37
260	3081 6008	TOM-C PG76-22 SAC-B	TON	$ 244.61	31.00	$7,582.91
261	3084 6001	BONDING COURSE	GAL	$ 4.70	55.00	$258.50
262	3085 6001	UNDERSEAL COURSE	GAL	$ 4.70	109.00	$512.30
263	5001 6002	GEOGRID BASE REINFORCEMENT (TY II)	SY	$ 3.00	604.00	$1,812.00
264	132-6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	$ 52.00	584.00	$30,368.00
265	666-6030	REFL PAV MRK TY I (W)8"(DOT)(100MIL)	LF	$ 2.75	35.00	$96.25
266	666-6174	REFL PAV MRK TY II (W) 6" (SLD)	LF	$ 1.00	415.00	$415.00
267	666-6176	REFL PAV MRK TY II (W) 8" (DOT)	LF	$ 1.00	35.00	$35.00
268	666-6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	$ 1.25	575.00	$718.75
269	666-6184	REFL PAV MRK TY II (W) (ARROW)	EA	$ 118.00	18.00	$2,124.00
270	666-6192	REFL PAV MRK TY II (W) (WORD)	EA	$ 186.00	18.00	$3,348.00
271	666-6309	RE PM W/RET REQ TY I (W)6"(SLD)(100MIL)	LF	$ 1.50	215.00	$322.50
272	5000-6001	GEOGRID REINFORCE EMBANKMENTS (TY A)	SY	$ 30.00	358.00	$10,740.00
273	COH4	UTILITY POTHOLING	DOL	$ 1.00	15,000.00	$15,000.00

ADDITIONAL(NEW) CONTRACT ITEMS ADDED BY CHANGE ORDER

274	450-9999	RAIL (TY PR11) (INSTALL ONLY)	LF	$ 48.00	679.00	$32,592.00
275	W2.10.AR.12	RESTRAINED PIPE, 12" DIA. PVC C900 DR-14 (ALL DEPTHS), INCL EXC AND BACKFILL	LF	$ 102.00	5.00	$510.00
276	W2.10.AR.16	RESTRAINED PIPE, 16" DIA. PVC C900 DR-14 (ALL DEPTHS), W RESTRAINED JOINTS INCL EXC & BACKFILL	LF	$ 184.00	1,017.00	$187,128.00
277	103-6001	DISPOSAL OF WATER WELLS	LS	$ 5,250.00	1.00	$5,250.00
278	361 6002	FULL - DEPTH REPAIR CRCP (8")	SY	$ 325.00	23.00	$7,475.00
279	464-6033	RC PIPE (ARCH) (CL III)(DES 4)	LF	$ 471.03	37.00	$17,428.11
280	COH5	INSTALL BENDS, ENCASEMENT, THRUST BLOCKS	DOL	$ 1.00	15,462.00	$15,462.00
281	COH6	WASTE WATER REALIGNMENT	DOL	$ 1.00	12,782.00	$12,782.00
282	COH8	MAINTENANCE BOND	DOL	$ 1.00	14,060.00	$14,060.00

ADJUSTMENT **$360.06**

TOTAL **$8,074,849.77**

ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE	Final Quantity	Total

STREET IMPROVEMENT		$2,438,709.11
SIDEWALK IMPROVEMENT		$274,392.00
SIDEWALK RAMP IMPROVEMENT		$44,019.00
BRIDGE IMPROVEMENT		$947,195.00
	POND	$ -
DRAINAGE IMPROVEMENT		$2,866,037.11
WATER IMPROVEMENT		$1,484,381.55
WASTEWATER IMPROVEMENT		$20,116.00
RESTORATION		$ -
		$8,074,849.77

Loretta Schietinger , PE

CITY OF HUTTO, TEXAS

CHANGE ORDER NUMBER: 8

Contractor: **Joe Bland Construction**

Project Name: **FM 1660 at Limmer Loop**

Change Order Work Limits: Sta. **58+88.46** to Sta. **80+00.00**
Sta. **103+07.76** to Sta. **120+00.00**

Type of Change(on federal-aid non-exempt projects): **Minor** (Major/Minor)

Reasons: **3M** (3 Max. - In order of importance - Primary first)

Project Number:	***CC 1566-01-018***
Roadway:	***FM 1660 Limmer Loop***
CSJ Number:	**1566-01-018**

Describe the work being revised:

3M.Other. This Change Order includes an item to cover the cost of a 100% maintenance bond for a two-year term, as recent requirement by the City of Hutto.

All other aspects of the agreement not specifically altered or amended by the Change Order remain as stipulated in the original agreement dated 9/27/2023.

Work to be performed in accordance with Items: **See attached**

New or revised plan sheet(s) are attached and numbered: **N/A**

New Special Provisions/Specifications to the contract are attached: ☐ Yes ☑ No

New Special Provisions to Item N/A No. N/A. Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

THE CONTRACTOR Date 11/21/2025

By

Typed/Printed Name Andrew Batten

Typed/Printed Title PM

The following information must be provided

Time Ext. #: **4** Days added on this CO: **30**

Amount added by this change order: **$14,060.00**

RECOMMENDED FOR EXECUTION:

Project Manager 11/21/2025 Date

City of Hutto Engineer Date

James R, Earp, CPM, City Manager Date

CITY OF HUTTO, TEXAS

CHANGE ORDER NUMBER: *8* ***Project #*** *CC 1566-01-018*

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE		HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
COH7	MAINTENANCE BOND	LS	$14,060.00	0.00	$0.00	1.00	1.00	$14,060.00	$14,060.00
	TOTALS				$0.00			$14,060.00	$14,060.00

City of Hutto

FM 1660 at Limmer Loop
City of Hutto Project

Change Order No. 8
Reason for Change

This Change Order adds an item to cover the cost of a 100% maintenance bond for a two-year term, as required by the City of Hutto.

Following is a summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
COH7	MAINTENANCE BOND	1	LS

This Change Order results in a net increase of $14,060.00 to the Contract amount, for an adjusted Contract total of $8,074,849.77. The original Contract amount was $7,691,394.00. As a result of this and all Change Orders to-date, $383,455.77 has been added to the Contract, resulting in a 4.99% net increase in the Contract cost. This change order also adds a thirty (30) working day time extension due to unforeseen utility conflicts with communication, power, and water lines that prevented the Contractor to perform critical path.

HNTB Corporation

Loretta Schietinger, P.E.

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

JOE BLAND CONSTRUCTION

INVOICE

DATE: November 10, 2025

INVOICE # 1035.COH.002

Bill To: City of Hutto
500 W. Live Oak Street
Hutto, Tx 78634

RE: FM 1660 Additional Maintenance Bond Cost

TERMS
Due on receipt

QTY	U/M	DESCRIPTION	UNIT PRICE	AMOUNT
1	EA	*Additional Year Cost for City of Hutto Maintenance Bond*	$ 14,060.00	$ 14,060.00
				$ -
				$ -
			$ -	$ -
			$ -	$ -
			$ -	$ -
			$ -	$ -
			$ -	$ -
			$ -	$ -
			SUBTOTAL	$ 14,060.00
			SALES TAX	Exempt
			TOTAL	**$ 14,060.00**

Make all checks payable to **Joe Bland Construction, LLC**
If you have any questions concerning this invoice, contact Andrew Batten at **abatten@joeblandconstruction.com**

Please remit all payments to: 9500 W Parmer Ln, Ste 1301, Austin, TX 78717

THANK YOU FOR YOUR BUSINESS!

INVOICE

Ballew Surety Agency, Inc.
3802 Menchaca Road
Austin, TX 78704-6734

Customer	Joe Bland Construction, LLC
Acct #	17
Date	11/07/2025
Customer Service	(512)454-9500
Page	1 of 1

Payment Information	
Invoice Summary	$ 14,060.00
Payment Amount	
Payment for:	Invoice#12178
4467842MNT-2	

Joe Bland Construction, LLC
9500 W. Parmer Lane, Unit 1301
Austin, TX 78717

Thank You

Please detach and return with payment

Customer: Joe Bland Construction, LLC

Invoice	Effective	Transaction	Description	Amount
12178	11/07/2025	New business	Policy #4467842MNT-2 11/07/2025-11/07/2027 SureTec / Suretec Insurance Company FM 1660 at Limmer Loop Operational Improvements Project City of Hutto, Texas TWO Year Maintenance Bond Amount: $8,060,789.77 *Only charged for the 2nd year of maintenance period. Thank you, Connie Due Date: 11/7/2025	14,060.00

Total
$ 14,060.00

Thank You

Ballew Surety Agency, Inc.	(512)454-9500	**Date**
3802 Menchaca Road Austin, TX 78704-6734	accounting@ballewsurety.com	11/07/2025

November 20, 2023

Patricia Davis, P.E.
City of Hutto
Hutto City Hall
500 W. Live Oak Street
Hutto, TX 78634

Re: FM 1660 at Limmer Loop Operational Improvements Project
CSJ No. 1566-01-018
Recommendation to extend Working Days

Dear Ms. Davis,

I have reviewed Joe Bland's explanation for delays in reaching Substantial Completion. Their backup indicated they incurred the following delays during construction that were not added at the contract at the time:

Change	Time impact	Working days
Waterline material Change	6 weeks	25
RFI # 11 – Zayo Comm line in conflict with Boring Pit	4 weeks	18
RFI # 26 – 7X3 Box culvert in conflict with Oncor poles	6 weeks	25
Time to mobilize after Utility relocation	2 weeks	9
	Total	77

Todd Meaker, as the City's construction observer, confirmed today that Joe Bland continually worked around utilities to the best of their ability to keep the project moving. It is our recommendation to grant their request for enough additional contract time to prevent incurring Liquidated Damages.

Please feel free to contact our office with any questions.

Loretta Schietinger, PE
HNTB Corporation

HNTB Corporation
Engineers Architects Planners
101 E Old Settlers Blvd.. Ste 225
Round Rock, Texas 78664
Telephone (512) 744-9082
www.hntb.com

Project: FM 1660 at Limmer Loop

Date: 11/18/25

Re: Liquidated Damages Letter

To whom it may concern,

JBC believes that we should not be assessed for liquidated damages due to many instances that have occurred out of JBC control.

1. JBC provided schedule narrative on 12-8-23 stating that due to City of Hutto's delay in approving utility submittals resulted in overall schedule getting pushed back 6 weeks. Schedule narrative attached with this document.
2. Utility conflicts-Delay letter sent on 4-3-25
3. Multiple RFI's regarding utility conflicts- RFI#10, RFI#11, RFI#12, RFI#13, RFI#14, RFI#16, RFI#26, RFI#30, RF#34

JBC feels that with all the conflicts that were encountered on this job, we mitigated each to the best of our ability. Several instances resulted in major inefficiencies to us as the contractor; however, we never requested additional compensation. We also had the road opened to the public within contract time while issues out of control were still getting worked on. In the interest of partnering, we ask that the City of Hutto review the above conflicts. None of them were caused by JBC and we therefore request no liquidated damages be charged.

Andrew Batten

9500 W. Parmer Lane Suite 1301 Austin TX 78717
512-821-2808

JOE BLAND CONSTRUCTION

TO: HNTB

FROM: Joe Bland Construction, L.P

DATE: 12-8-23

RE: FM 1660 at Limmer Loop Schedule Narrative

Per the baseline schedule that was submitted November 3, 2023 critical path ran through Jonah & Hutto Utility Relocations with this activity starting 11-15-23. City of Hutto Submittals were submitted on 10-13-23. Due to delay on the City of Hutto submittals being approved along with RFI #07 response coming back on 12-7-23 addressing the DR 14 vs DR 18 pipe, material has not been ordered. Until material has been fully approved and procured crews cannot begin work.

In summary, a delay to Jonah & Hutto Utility Relocations resulted in the critical path impact to the overall schedule by 6 weeks.

Andrew Batten

Project Manager

JOE BLAND CONSTRUCTION

Patricia/Matt,

This letter is to notify you that Joe Bland Construction is unable to work on remaining contract items for the FM 1660/Limmer Loop project due to utility conflicts. We have been in discussions with HNTB and the City for several months trying to mitigate the utility impacts but have now reached a point where our work items are not available since the utilities are still pending relocation. Per the minutes of our meeting on 3/5/25, there remained 28 contract days for Substantial Completion and 58 days for Final Completion. Those days were calculated from a data date of 2/28/25. Joe Bland crews were able to work until 3/7/25, at which time we demobilized due to conflicts. Therefore, we should have a remaining balance of 23 contract days for Substantial Completion and 53 days for Final Completion. We would like to formally request that time charges stop as of 3/7/25 since we are not able to work on remaining items and the delay is not caused by Joe Bland Construction.

There are 3 items that need to be cleared before we can return to work. #1) Oncor poles to be relocated on northern channel. #2) Century Link fiber line to be relocated on southern channel. #3) Change Order 6 to be fully executed.

Once all 3 of these items are cleared, Joe Bland will be able to schedule crews to complete remaining work per the contract. Contract days should not be charged until we receive confirmation that all items are cleared and are given a reasonable amount of time to mobilize. We appreciate your consideration and look forward to your response as well as the successful completion of this project

Regards,

Andrew Batten
Project Manager
Joe Bland Construction, LLC

9500 W. Parmer Lane Suite 1301 Austin TX 78717
512-821-2808

REQUEST FOR INFORMATION FORM

RFI NO.: 10 **DATE:** 1/22/2024

PROJECT: FM 1660 @ Limmer Loop Improvements **RESPONSE REQUESTED BY DATE:** 2/1/2024

TO: HNTB: Oscar Salazar-Bueno, P.E.; Eddie R. Church, PE

REFERENCE:

Jonah and City of Hutto WL Plans

PROBLEM:

Jonah WL plans do not show the size or location of bore pits. There is size for the Hutto bore pit but nothing on Jonah. If we follow the bore pit specified for Hutto which is 50'x20', we will be outside of easement and into private property. There is also Oncor Poles on SW Corner as well as Zayo underground fiber in conflict with Hutto Bore Pit. A Chevron electric sign on the SE Corner for Hutto bore pit is in conflict.

RECOMMENDED SOLUTION:

Please verify.

Andrew Batten (Joe Bland Construction LP)	N/A
Originator	Supervisor

RESPONSE:

The dimensions of the pit depend upon the equipment used for the jack & bore operation and the shoring system being utilized. In this case, if 50' X 10' is enough for Denbow to install the casing and carrier pipe, there is no need to upsize to 50' X 20'. In regards to the potential utility conflicts at the bore pit, please submit separate RFI's that show the locations and elevations of the lines confirming the conflict with the bore pit. The Oncor poles have no cables attached to them and can be removed. Oncor confirmed they will remove them by 1/26/24.

Eddie Church	1/22/2024
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **NA**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 100
Round Rock, Texas 78664

Attachments to RFI:
Cc:

REQUEST FOR INFORMATION FORM

RFI NO.: 11 **DATE:** 1/23/24

PROJECT: FM 1660 @ Limmer Loop Improvements **RESPONSE REQUESTED BY DATE:** 2/2/24

TO: HNTB: Oscar Salazar-Bueno, P.E.; Eddie R. Church, PE

REFERENCE:

Hutto WL Plan Sheet 313

PROBLEM:

Bore Conflicts. 1. Bore at STA 112+69.02 there is a Zayo fiber cable located withing the pit that is 4'6" deep. Our bore pit that we need to excavate is 13' deep. This line will be exposed during the duration of the bore and will run the risk of being damage. 2. There is an oncor pole that is in conflict as well. We know that the pole is to be moved by 1-26-24 but wanted to reference for documentation. 3. On the recieving pit of the bore that is an existing Chevron gas station electric sign that is within the pit.

RECOMMENDED SOLUTION:

Relocate fiber line and move bore pit.

Andrew Batten (Joe Bland Construction LP)	N/A
Originator	Supervisor

RESPONSE:

The Zayo line will need to be located and carefully worked around. Follow accepted Bore Plan Submittal dated 2/16/24.

Eddie Church	2/16/2024
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

HNTB

REQUEST FOR INFORMATION FORM

RFI NO.:	12	**DATE:**	1/23/24
PROJECT:	FM 1660 @ Limmer Loop Improvements	**RESPONSE REQUESTED BY DATE:**	2/2/24
TO:	HNTB: Oscar Salazar-Bueno, P.E.; Eddie R. Church, PE		

REFERENCE:

Jonah Plan Sheet 327

PROBLEM:

Bore at FM 1660 STA 60+77.36 at -55' Offset. The bore is within the 15' easement and we need 50' for bore pit. Bore ends at ROW, we need additional 35' of ROW for bore pit.

RECOMMENDED SOLUTION:

Provide drawings showing location of bore pits and right of entry agreements.

Andrew Batten (Joe Bland Construction LP)	N/A
Originator	Supervisor

RESPONSE:

There is a 35 foot open cut section of this crossing, along with the 15' easement should provide the 50 feet that is required for the bore pit. Follow accepted Bore Plan Submittal dated 2/16/24.

Eddie Church	2/16/2024
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

REQUEST FOR INFORMATION FORM

RFI NO.:	13	**DATE:**	1/23/24
PROJECT:	FM 1660 @ Limmer Loop Improvements	**RESPONSE REQUESTED BY DATE:**	2/2/24
TO:	HNTB: Oscar Salazar-Bueno, P.E.; Eddie R. Church, PE		

REFERENCE:
Jonah Plan Sheet 328

PROBLEM:
Bore at FM 1660 STA 66+78.69 at -144.98' Offset. Oncor Pole within bore pit. We realize pole will be relocated 1-26-24 but just for documentation purposes. STA 68+28.69 at -145.55' Offset the bore is within the 15' easement and we need 50' for bore pit. Bore ends at ROW, we need additional 35' of ROW for bore pit. At this same location there is a new FiberLight ground box that will be in conflict of the excavation of the pit.

RECOMMENDED SOLUTION:
Provide drawings showing location of bore pits and right of entry agreements.

Andrew Batten (Joe Bland Construction LP)	N/A
Originator	Supervisor

RESPONSE:

The bore pit and bore operation can be adjusted to fit in the area. The Fiberlight box can be moved to accomdate construction. Follow accepted Bore Plan Submittal dated 2/16/24.

Eddie Church	2/16/2024
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

HNTB

REQUEST FOR INFORMATION FORM

RFI NO.: 14 **DATE:** 1/23/24

PROJECT: FM 1660 @ Limmer Loop Improvements **RESPONSE REQUESTED BY DATE:** 2/2/24

TO: HNTB: Oscar Salazar-Bueno, P.E.; Eddie R. Church, PE

REFERENCE:

Jonah Plan Sheet 331

PROBLEM:

Bore at Limmer Loop STA 112+37.59 at -69.65' Offset. Bore is within the 15' easement and we need 50' for bore pit. Bore ends at ROW, we need additional 35' of ROW for bore pit. At this same location there is a new FiberLight ground box that will be in conflict of the excavation of the pit. Within the recieving pit there are decorative trees and possible newly installed Oncor pipe. We are not 100% sure on the Oncor pipe as we have not potholed this but it appears to be from field photos.

RECOMMENDED SOLUTION:

Provide drawings showing location of bore pits and right of entry agreements.

Andrew Batten (Joe Bland Construction LP)	N/A
Originator	Supervisor

RESPONSE:

There is enough room to be able to adjust the bore pit location to fit within the ROW. The Fiberlight box can be moved to accomodate construction and the can be carefully dug up and temporarily moved. Follow accepted Bore Plan Submittal dated 2/16/24.

Eddie Church	2/16/2024
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

REQUEST FOR INFORMATION FORM

RFI NO.: 16 **DATE:** 1/23/24

PROJECT: FM 1660 @ Limmer Loop Improvements **RESPONSE REQUESTED BY DATE:** 2/2/24

TO: HNTB: Oscar Salazar-Bueno, P.E.; Eddie R. Church, PE

REFERENCE:

Jonah Plan Sheet 330

PROBLEM:

Bore at FM 1660 STA 74+90.05 at -60.15' Offset. 1. The bore is within the 15' easement and we need 50' for bore pit. Bore ends at ROW, we need additional 35' of ROW for bore pit.

RECOMMENDED SOLUTION:

Provide drawings showing location of bore pits and right of entry agreements.

Andrew Batten (Joe Bland Construction LP)	N/A
Originator	Supervisor

RESPONSE:

There is enough room to adjust the bore pit to fit wihtin the ROW in this location. Follow accepted Bore Plan Submittal dated 2/16/24.

Eddie Church	2/16/2024
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

REQUEST FOR INFORMATION FORM

RFI NO.:	26	**DATE:**	9/5/24
PROJECT:	FM 1660 @ Limmer Loop Improvements	**RESPONSE REQUESTED BY DATE:**	9/15/24
TO:	HNTB: Kyle McCoy; Eddie R. Church, P.E.; Oscar Salazar-Bueno, P.E.		

REFERENCE:

See pictures.

PROBLEM:

The 7x3 single box culvert on east side of FM 1660 in conflict with poles and utilities. Picture attached shows center of culvert with cut to flow line.

RECOMMENDED SOLUTION:

Provide direction if box to move.

Andrew Batten (Joe Bland Construction LP)	N/A
Originator	Supervisor

RESPONSE:

To clear the conflicts with the concrete pavement, curb & gutter, and luminaires the 7x3 box culvert should be moved to the west. This will require adding concrete collars, extending the connection of 2 area inlets to the new alignment of the box, and extending the RCP coming out of the detention pond at the SE corner of FM 1660 and Limmer Loop. Please provide pricing and redline your drawing with as-built survey information.

Oscar Salazar-Bueno, P.E.	10/21/2024
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

HNTB

REQUEST FOR INFORMATION FORM

RFI NO.: 30 **DATE:** 10/24/24

PROJECT: FM 1660 @ Limmer Loop Improvements **RESPONSE REQUESTED BY DATE:** 11/3/24

TO: HNTB: Kyle McCoy; Eddie R. Church, P.E.; Oscar Salazar-Bueno, P.E.

REFERENCE:

PROBLEM:

An unknown fiber box in center of proposed SET for driveway on upstream side and an Oncor power pole in center of SET on downstream side of same driveway. Oncor Pole is roughly located at STA 75+63 and fiber box at STA 76+27. Stations are approximate based on topo shots.

RECOMMENDED SOLUTION:

Provide direction

Andrew Batten (Joe Bland Construction LLC)	N/A
Originator	Supervisor

RESPONSE:

The utilities in question have been relocated. Please build the SET's per plan.

Garett Sartin	5/7/2025
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

MATCH LINE STA 75+00

EXIST ROW

SETP-PD
@ FM 1660 STA 76+39.05
29.79' LT
ELEV 670.40'

CULVERT E
68' - 24" RCP

SETP-PD
@ FM 1660 STA 77+08.60
29.79' LT
ELEV 671.20'

END DITCH CH-E1
BEGIN DITCH CH-E2
@ FM 1660 STA 77+89.79
34.63' LT
ELEV 672.1'

DITCH CH-E1

BEGIN DITCH CH-E1
@ FM 1660 STA 80+00.00
36.74' LT
ELEVATION 674.1'

DITCH CH-D1

DITCH CH-D1

DITCH CH-E2

END PROJECT
@ FM 1660 STA. 80+00.00

@ FM 1660

POT 81+63.77

FM 1660

80+00

EXIST ROW

PROP ROW

ONCOR POLE
STA 75+63

FIBER BOX
STA 76+27

SET TY SETB-PD
@ FM 1660 STA
75+68.86
39.73' RT
ELEV 669.60'

SET TY SETB-PD
@ FM 1660 STA 76+13.04
39.73' RT
ELEV 670.00'

CULVERT F
44' - 6'X3' RCB

CULVERT F

DITCH CH-F

BEGIN DITCH
@ FM 1660 STA 80+00.00
32.12' RT
ELEVATION 674.0'

LEGEND

PROP DITCH
EXIST CULVERT
PROP STORM SEWER/CULVERT

DWY 4

CULVERT E
68'-24"RCP

END CULVERT E
STA 76+39.05
ELEV=670.40

BEGIN CULVERT E
STA 77+08.60
ELEV=671.20

BEGIN DITCH CH-E1
STA 80+00
FL=674.10

DWY 3

CULVERT F
44' 6'X3'
RCB

END CULVERT F
STA 75+68.86
FL=669.60

BEGIN CULVERT F
STA 76+13.04
FL=670.00

CULVERT F

BEGIN DITCH
STA 80+00
FL=674.00

75+50 76+00 77+00 76+00 79+00 80+00

675 670 665 675 670 665

PROPOSED PGL
EXIST GROUND

STATE OF TEXAS
LORETTA L. SCHIETINGER
79784
LICENSED
PROFESSIONAL ENGINEER
3/13/2023

0' 25' 50'
HORIZONTAL SCALE : 1"=50'

CITY OF HUTTO

HNTB
HNTB Corporation
The HNTB Companies
Infrastructure Solutions
Firm Registration Number 420

FM 1660
DRAINAGE PLAN & PROFILE
STA 75+00 - END

SHEET 4 OF 4

DESIGNED:	STATE	DISTRICT	COUNTY	HWY NUMBER
CHECKED:	TEXAS	AUSTIN	WILLIAMSON	FM 1660
DRAWN:	CONTROL	SECTION	JOB	SHEET NUMBER
CHECKED:	1566	01	018	154

I"=50'
I"=5'

pw:\\ow-int.hntb.org:PWCentralDiv\Documents\Austin Projects\74364 Hutto Bond Program\Design_and_Engineering\Task_Order_03\Limmer_Loop\Drainage\FM1660-PLN-DR-05.dgn

3/13/2023

REQUEST FOR INFORMATION FORM

RFI NO.: 34 **DATE:** 1/23/25

PROJECT: FM 1660 @ Limmer Loop Improvements **RESPONSE REQUESTED BY DATE:** 2/2/25

TO: HNTB: Kyle McCoy; Eddie R. Church, P.E.; Oscar Salazar-Bueno, P.E.

REFERENCE:

PROBLEM:

At the corner of the Durango Farms DW there is a conflict with an existing power pole along with a electrical ground box within the proposed island as well as an electrical box inside the DW.

RECOMMENDED SOLUTION:

Provide solution.

Andrew Batten (Joe Bland Construction LLC)	N/A
Originator	Supervisor

RESPONSE:

This issue was addressed and resolved in the field between the Contractor and City Inspector. Contractor to work with and seek approval from the City Inspector to resolve all remaining issues regarding this RFI.

Garett Sartin	3/4/2025
Responder	Date

Sign, Date & Return to HNTB **via e-mail**.

Mail original to: **N/A**

HNTB Corporation
101 E. Old Settlers Blvd. Suite 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2025-1393317

Date Filed:
11/25/2025

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Joe Bland Construction, LLC
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

CSJ #1566-01-018
FM 1660 N at Limmer Loop Operational Improvements - Change Order# 8

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO Interested Party. [X]

6 UNSWORN DECLARATION

My name is COLLIN BLAND, and my date of birth is [redacted].

My address is 9500 W PARMER LN, SUITE 1301 (street), AUSTIN (city), TX (state), 78717 (zip code), USA (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in WILLIAMSON County, State of TEXAS, on the _____ day of _____ (month), 20____ (year).

Signature of authorized agent of contracting business entity
(Declarant)

PROJECT CONSTRUCTION SUMMARY

PROJECT NAME:FM 1660 at Limmer Loop

FINAL ACCEPTANCE DATE: _____

INSPECTOR: Todd Meaker

CONTRACTOR: Joe Bland

Maintained By:	
COH	Other
Boxes checked by COH	

CONSTRUCTION COSTS

STREET IMPROVEMENT COST: $2,438,709.11

SIDEWALK IMPROVEMENT COST: $274,392.00

SIDEWALK RAMP IMPROVEMENT COST: $44,019.00

BRIDGE IMPROVEMENT COST: $947,195.00

POND(S) COST: $0

DRAINAGE IMPROVEMENT COST: $2,866,037.11

WATER IMPROVEMENT COST: $1,484,381.55

WASTEWATER IMPROVEMENT COST: $20,116.00

RESTORATION COST: $0

TOTAL IMPROVEMENT COST: $8,074,849.77

PREPARED BY (DESIGN ENGINEER): HNTB

CHECKED BY (CITY INSPECTOR): Todd Meaker

CONSTRUCTION SUMMARY FOR STREETS & SIDEWALKS

STREET PAVING							
STREET NAME	Address from	Address to	Pavement Design (Thickness) Asphalt / Base	Pavement Width (FT) (foc-foc)	L (FT)	PRIVATE	ETJ
LIMMER LOOP WIDEN EXISTING PAVEMENT	1093' west of FM 1660	600' east of FM 1660	1" TOM/ 5" ACP/ 11" Flex Base	Variable – Turn lanes added	1693'		
FM 1660 WIDEN EXISTING PAVEMENT	860' south of Limmer	1250' north of Limmer	1" TOM/ 6" ACP/ 11" Flex Base	Variable – Turn lanes added	2110'		

SIDEWALKS / SIDEWALK RAMPS						
STREET NAME	Address from	Address to	W (FT)	L (FT)	SIDES [1]	CURB RAMP [2]
LIMMER LOOP	1093' WEST OF 1660	FM 1660	10	1043	S	
LIMMER LOOP	FM 1660	600' EAST OF FM 1660	6	485	S	
LIMMER LOOP	FM 1660	600' EAST OF FM 1660	6	456	N	
FM 1660	860' south of Limmer	1250' north of Limmer	10	1559	E	
FM 1660	860' south of Limmer	1250' north of Limmer	6	800	W	

1 – Designates location of existing sidewalk (E, W, S, N, SE, SW, NE, NW of designated street)
2 – Number of Ramps

CONSTRUCTION SUMMARY FOR BRIDGES

BRIDGES / BRIDGE CLASS CULVERTS / DRAINAGE CULVERTS ACROSS ROW								
STREET NAME AND ADDRESS OR LOCATION	FEATURE CROSSED [1]	TYPE [2]	DESCRIPTION [3]	DECK		COST	PRIVATE	ETJ
				W (FT) [4]	L (FT) [5]			
LIMMER LOOP	COTTONWOOD CREEK	C	WIDEN 8- 10'x6' BOX CULVERTS	120'	120.57'	$947,195		

1 – Feature Crossed: Creek name if major creek or branch, or roadway name if overpass.

2 – Type: B – Bridge, C - Culvert, P – Pipe. All crossings 20' and wider including multiple box culverts totaling 20' or wider shall be classified as a B – Bridge. Culverts are precast of cast-in-place box culverts. Pipes are smaller drainage pipe crossings with or without headwalls.

3 – Description: i.e. 2 spans (Bridge), 2 – 5 X 7' (Culverts), 2 – 24" RCP (Pipes).

4 – Deck Width: Use "footprint" of culvert/pipes for width on buried culvert/pipes; include full "out to out" dimension including sidewalks/railings for width of standard bridges.

5 – Deck Length: Measured along the centerline of the roadway

CONSTRUCTION SUMMARY FOR PONDS

PONDS						
POND TYPE [1]	LOCATION (ADDRESS OR LOT / BLOCK #)	SIZE (SY) [2]	DRAINAGE AREA (ACRES)	PRIVATE [3]	ETJ	COST
	NA					

1 – BD = Bio–Detention
D = Detention Only
DSF = Detention / Sedimentation / Filtration
F = Filtration Only
S = Sedimentation Only
SF = Sedimentation / Filtration
SFI = Sedimentation / Filtration / Infiltration
SI = Sedimentation / Irrigation
WP = Wet Pond

2 – Approximate boundary area

3 – Provide copy of recorded agreement for privately maintained ponds

CONSTRUCTION SUMMARY FOR DRAINAGE

STORM DRAIN			MANHOLES			INLETS		
SIZE (IN)	MATERIAL TYPE	L (FT)	QTY	SIZE (Dia – FT)	MATERIAL TYPE	QTY	SIZE (L – FT)	TYPE [1]
12	RCP	25	2	3X3	CONC	4	5	CURB
18	RCP	63				3	10	CURB
24	RCP	720				1	15	CURB
30	RCP					3	3X3	GRATE
48	RCP	48				4	4X4	GRATE
6X3	CONC BOX	472				1	5X5	GRATE
7X3	CONC BOX	581						

JUNCTION BOXES			OUTFALL STRUCTURES		
QTY	SIZE (FT x FT x FT)	MATERIAL TYPE [2]	QTY	SIZE [3]	DESCRIPTION [4]
1	SPL	CAST IN PLACE	7	24	SET
			3	6X5	SET
			1	7X6	SET
			2	18	SET

CHANNEL			
LENGTH (FT)	BOTTOM WIDTH (FT)	SIDE SLOPE (FT/FT)	LINING MATERIAL TYPE
NONE			

1) Grate, Area, Curb, Recessed Curb, Combination, Slotted Drain
2) Cast-in-Place, Precast
3) Pipe size / Culvert Size
4) Headwall, Wing Walls, Gabions

CONSTRUCTION SUMMARY FOR WATER

VALVES INSTALLED			PIPE			FIRE HYDRANTS		
SIZE	DESCRIPTION	NO.	SIZE	TYPE	LENGTH	SIZE	TYPE	NO.
12”	GATE VALVE	7	12”	PVC	1155		NEW	4
16”	INSERTION	2	16”	PVC	705			
8”	GATE VALVE	6	8”	PVC	729			
16”	GATE VALBE	4	24”	STEEL	231			
			20”	STEEL	540			
			16”	STEEL	20			
AIR RELEASE			30”	STEEL	67			
SIZE	TYPE	NO.						
2”	VACUUM RELEASE	1						
			SERVICES INSTALLED					
			NO.	TYPE				
			2	RECONNECT				

REMARKS:

INCLUDES JONAH SUD WATERLINE ADJUSTMENT AND CITY OF HUTTO WATERLINE ADJUSTMENTS

CONSTRUCTION SUMMARY FOR WASTEWATER

PIPE			MANHOLES					
SIZE	TYPE	LENGTH	DEPTH	MAKE	STA. NO.	B.C.	EYE	STREET
SERVICES INSTALLED								
NO.	**TYPE – S / D**		**T8YPE OF MANHOLE COATING:**					

REMARKS:

LIMITS OF CONSTRUCTION FOR WATER/WASTEWATER PROJECTS ONLY

PROJECT NAME _____ WORK ORDER #_____

W/WW JOB I.D. _____ SUBDIVISION FILE # _____

LIMITS OF PROJECT WILL BE GIVEN BY ADDRESS OF STREETS LISTED BELOW

STREET NAME	FROM	TO

THIS SHEET MUST BE USED WHEN THERE IS NOT A STREET AND DRAINAGE SUMMARY INCLUDED.

TCEQ Microbial Reporting Form

Form instructions: www.tceq.texas.gov/drinkingwater/microbial/revised-total-coliform-rule

Water System Identification & Sample Collection Information (Please print or type the information)

Public Water System ID: (Must be 7 digits; include all zeros)	TX
Public Water System Name:	City of Hutto

Report Results To:

Name:	ChlorServ
Address:	107 Tradesmen Dr.
City, State, Zip	Hutto TX 78634
Comments	Phone #: 512-845-6514 Acc Pmt 66
Project Name:	Joe Bland FM 1660 / Limmer Loop 16"
Email:	candrce@chlorserv.com

City of Round Rock Environmental Services Laboratory
Round Rock, Texas - Phone: (512) 218-5561
www.roundrocktexas.gov/waterlab
waterlab@roundrocktexas.gov

TCEQ Lab ID: T104704327

Laboratory Analysis

Sample Iced? (Circle)	Temperature (°C)		Lab Comments
YES (NO)	Actual Temp / Corrected Temp 8.8 / 8.8 °C	IR # C	

Incubation Date and Time | **Lab Rejected Code (LR) - Document Reason:**

Start Date and Time:		Analyst: DA	
End Date and Time		Analyst:	

Result Reporting And Approval

Reported: Date Time Lab Approval Date Time

Laboratory Analysis Results

Test Method: SM 9223 ONPG-MUG Colilert-18

Analysis Results meet all accreditation requirements unless stated otherwise.

Field Sample ID #	Use sample site location/address identified in the system's RTCR Sample Siting Plan. * SAMPLES MARKED AS SPECIAL OR CONSTRUCTION CANNOT BE USED AS ROUTINE OR REPEAT SAMPLES. Raw Wells: Use Well Source ID (Ex: G1234567A)	Sample Type (√ one): Routine (Distribution)	Repeat	Raw Well	Special *	Construction *	Collected: Date (MM/DD/YY)	Time Military Time (HHMM)	Chlorine Residual: Free mg/L	Total mg/L	Replacement	Original Sample Info: Sample ID and Date of Collection (Repeat, TSM Raw Well, Replacement)	Rejection Code (if applicable) - Please Recollect	Chlorine Check: Absent	Chlorine Check: Present	Total Coliform: Absent	Total Coliform: Present	E. coli: Absent	E. coli: Present	Laboratory Sample ID Number
1	East Tie In Blow Off					√	8-23-24	0750		1.76	☐			X		X		X		24-11267
2	East Tie In Blow Off					√	8-23-24	0805		1.76	☐			X		X		X		24-11268
											☐									
											☐									
											☐									

The sampler acknowledges that samples were handled appropriately and all information is accurate. 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)

Sampler Name (Print):	Elliot Gebbia	Sampler Signature:		Sampler Phone #:	512-845-6514
Sampler Email:	candrce@chlorserv.com		Operator License # (if applicable):		
Relinquished By Sampler:	Elliot Gebbia	Date and Time:	8-23-24 1124	Received By Courier (if applicable):	Date and Time:
Relinquished By Courier:		Date and Time:		Received By Lab:	Date and Time: 8/23/24 1139

JONAH Special Utility District
4050 FM 1660 Hutto, Texas 78634 512-759-1286 Fax 512-759-2983

Utility Contractor
Joe Bland Construction LLC
9500 W Parmer Lane, Unit 1301
Austin, TX. 78717
Project Manager: Andrew Batten

Project Name**: 2021-FM 1660/Limmer Loop, Utility Adjustments**
Date of Acceptance: September 10, 2025

Dear Mr. Todd Meaker,

To the best of my knowledge and after careful review of plans and site inspections, it has been determined that the water improvements for the **FM 1660/Limmer Loop, Utility Adjustments** project have been completed in accordance with Jonah Water S.U.D. Water Standard Details.

Please feel free to contact me if you should have any questions.

Regards,

Brian Dunn

Brian Dunn
Utility Inspector
Jonah Water SUD
O: (512) 759-1286
C: (512) 663-6094

Limmer Loop and FM 1660

Punch List

JBC

1) Bolt all WW manholes outside of paved surface. Test original manhole at FM 1660 & Limmer corner
   done 10/31
2) Replace cracked concrete SW panels at FM 1660 & Limmer (west corner of Chevron Station)

   done 10/31
3) Curb repair on island at Chevron

   ?
4) Dress up valve locations on Chevron side

   done 10/31
5) Curb repair at Chevron DW

   done 10/23
6) Wreck valve concrete forms near Hutto Fitness Center

   done 10/23
7) Add valve extension located near Hutto Fitness Center

   done 10/23
8) **Jonah**- wreck valve concrete forms near Hutto Fitness Center

   done 10/23
9) Fix curb at Lucky 777 DW (north eastside)

   done 10/31
10) **Jonah-** wreck forms around valve concrete

    done 10/23

11) Cleanup corner north eastside of 1660 Express

done 10/23

12) Remove barrels and dirt pipe located at North DW on FM 1660

done 10/23

Track and seed north of Olander Property

done 10/23

13) Patch curb & pick up spoils at Shell Corner

done 10/23

14) Install Large Truck Sign

done 11/3

15) Cleanout erosion controls at DW's

done 10/23

16) Cleanout SET at NW corner

done 10/23

17) Spot topsoil and seed located at the NW side near multi box culvert

done 10/23

18) Clean sediment and debris off rip rap apron at multi box culvert

done 10/24

19) Coat manhole located at multi box culvert location (north side)

done 10/23

20) Repair concrete damage in sidewalk at southwest side of FM 1660

done 11/3

21) Fix loose handrail on south west side of FM 1660

done 10/31

22) Install missing delineators and grout at southeast side MBGF of FM 1660

done 10/31

23) Dress up and seed Durango Farms area

Seeded 10/31

TxDOT

Signs

1) Page number 250, sign W3-3 30X30 STA 59+22 needs to be straightened up, post is leaning.
   done 11/3
   Page number 252, sign assembly is loose at base needs to be tightened STA 67+95
   done 10/24
2) Page number 253, sign Truck route to 79 to be relocated… where is sign being placed? Spoke about the sign but never a actual location. Approx STA 75+85
   done 11/3
3) Page number 259, sign W3-3 30X30 signal ahead… There is 2 of the same signs in very close proximity of each other, picture will be attached
   done 10/24
4) There is a pile of dirt on the sidewalk on Limmer LP heading EB prior to intersection of 1660 close to fire hydrant. Not sure what is going on there. Picture will be attached
   done 10/24

Stripping

1) Page number 249, (H) item code 0666 6102… stripping is on the wrong location according to the plans Approx STA 67+95 and Approx STA 66+88
   done 11/3

Jonah

1) Etch size and arrow in concrete aprons.

Confirmed by Brian Dunn with Jonah water supply

2) Remove forms on aprons and concrete spoils.
   done 10/24
3) Move WL crossing sign on north end.
   done 10/24
4) Need Jonah single meter box @ Olander driveway. (Blue lid and angle stop to house.)
   done 10/23
5) Backfill aprons so they don't move.
   Confirmed by Brian Dunn with Jonah water supply
6) Hydrant valve should say 6" near Olander.
   Confirmed by Brian Dunn with Jonah water supply
7) Blue reflective RPM in middle of travel lane, to show location of hydrant.
   Confirmed by Brian Dunn with Jonah water supply
8) Jonah water valve lid and paint blue across from Olander.
   Confirmed by Brian Dunn with Jonah water supply
9) Jonah lid, apron moving, and etching wrong on bored 8" valve @ Valero. WL crossing sign damaged in this area also.
   Confirmed by Brian Dunn with Jonah water supply
10) 8" valve lid not flush w/apron on northwest corner of intersection. WL crossing sign missing a bolt in this location too.
    Confirmed by Brian Dunn with Jonah water supply
11) Fill ARV bollard w/concrete.
    done 10/24
12) Valve marker "V" on 8" bore south end and apron/boot needs to be straightened.
    Confirmed by Brian Dunn with Jonah water supply
13) Tech apron by 8" BOV.
    Confirmed by Brian Dunn with Jonah water supply
14) East end valve not flush, redo.
    Confirmed by Brian Dunn with Jonah water supply
15) Northeast corner valve apron wobbling and needs to be etched.
    Confirmed by Brian Dunn with Jonah water supply
16) Existing valve cluster (northeast corner) never verified to have been plugged by Jonah. Jonah wants a letter from JBC stating that JBC performed the work without contacting Jonah to get an inspection.
    Confirmed by Brian Dunn with Jonah water supply
17) Valero hydrant area, need to pour a single apron to include all 3 valves. Valve crossing sign in this area is facing the wrong direction.

done 10/24

WATER
LINE

FM 1660

FM 1660

JONAH Special Utility District
4050 FM 1660 Hutto, Texas 78634 512-759-1286 Fax 512-759-2983

Utility Contractor
Joe Bland Construction LLC
9500 W Parmer Lane, Unit 1301
Austin, TX. 78717
Project Manager: Andrew Batten

Project Name**: 2021-FM 1660/Limmer Loop, Utility Adjustments**
Date of Acceptance: September 10, 2025

Dear Mr. Todd Meaker,

To the best of my knowledge and after careful review of plans and site inspections, it has been determined that the water improvements for the **FM 1660/Limmer Loop, Utility Adjustments** project have been completed in accordance with Jonah Water S.U.D. Water Standard Details.

Please feel free to contact me if you should have any questions.

Regards,

Brian Dunn

Brian Dunn
Utility Inspector
Jonah Water SUD
O: (512) 759-1286
C: (512) 663-6094

Matt Rector
City of Hutto
500 W Live Oak Street
Hutto, Texas 78634

TABS2023018010

September 10, 2025

PROJECT:
FM 1660 N at Limmer Loop
FM 1660 N at Limmer Loop
Hutto, TX 78634

INSPECTION COMPLETED – NO VIOLATIONS

Dear Matt Rector:

We are pleased to inform you that the referenced facility has been inspected and found to be in substantial compliance with provisions of the Texas Government Code, Chapter 469.

The inspection results will be forwarded to the Texas Department of Licensing and Regulation for issuance of the final approval letter. For newly constructed buildings and facilities, the Department will provide a Notice of Substantial Compliance (Certificate) to the owner upon receipt of a completed Notice of Substantial Compliance Request Form.

This determination is applicable only to ensuring compliance with Texas Government Code, Chapter 469 and does not address the requirements of the Americans with Disabilities Act (ADA), (P.L. 101-336), or any other federal, state, or local requirement. For information on the ADA, call the ADA Hotline, (800) 949-4232 or the United States Department of Justice at (202) 514-0301.

If you have any questions, need further assistance, or if you are not the owner of record for this facility, contact Clint Ryan at (972) 822-0554.

Please reference the TABS project number in all future correspondence pertaining to this project.

Sincerely,

Clint Ryan, RAS #1333

Altura Solutions, LLC
3616 Far West Blvd., Ste. 117-288, Austin, TX 78731
(512) 410-7059
clint@alturalp.com

CITY OF HUTTO
MAINTENANCE BOND
BOND No. 4467842MNT-2

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

KNOW ALL MEN BY THESE PRESENTS,

That, Joe Bland Construction, LLC, a [limited liability company] having a principal place of business at 9500 West Parmer Lane, Ste 1301, Austin, TX 78717, as Principal and Suretec Insurance Company, a corporation authorized to issue surety bonds in the State of Texas, and having an office and place of business in Texas at 2103 CityWest Blvd., Suite 1300, Houston, TX 77042, as Surety, are held and firmly bound unto the CITY OF HUTTO, TEXAS, a home-rule municipal corporation organized under the laws of the State of Texas with principal administrative offices at Hutto City Hall, 500 West Live Oak Street, Hutto, Texas 78634 in Williamson County, Texas, as Obligee, in the sum of Eight Million Sixty Thousand Seven Hundred Eighty-Nine and 77/100's DOLLARS ($ 8,060,789.77) lawful money of the United States, for the payment whereof to the Obligee, the Principal and the Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly to these presents:

WHEREAS, Principal is responsible for the completion of FM 1660 at Limmer Loop Operational Improvements located at Hutto, Texas in Williamson County, Texas (the "Work"), [as per the map or plat thereof recorded in _____ of the Deed Records of Williamson County, Texas under Williamson County Clerk File Number and ;][under a certain contract between Principal and Obligee for said Work approved by the Hutto City Council by the attached Resolution;

WHEREAS, Principal has certified in writing to Obligee that all required Work has been completed in accordance with the approved construction plans and Obligee's applicable standards and specifications;

WHEREAS, Principal has requested that the City of Hutto, Texas acknowledge completion and acceptance of the Work as provided by the Code of Ordinances of the City of Hutto, Texas, the issuance of such certificate being subject to the requirement that Principal shall correct all defects within publicly dedicated improvements and Work done for the benefit of Obligee that occur within two (2) years of the date of the acceptance of the Work;

WHEREAS, under the terms of the specifications for the Work, Principal is required to give a bond equal to ~~[percentage of bond]%~~100% of the amount of the contract to protect the Obligee against the result of faulty materials or workmanship for a period of 24 months after acceptance of the Work; and

WHEREAS, this Bond is intended as satisfying that bonding obligation of Principal to Obligee.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the above-named Principal shall correct any defects to the Work within 2yrs from the date of the issuance of the above-described certificate of completion, then this obligation is to be void; otherwise, to remain in full force and effect.

It is hereby understood and agreed that if Principal shall fail to correct any defects in the required improvements as required by such ordinances and regulations, then the [Planning Commission of the City of Hutto, Texas][the Obligee] may thereupon declare this bond to be in default and collect the sum remaining payable thereunder and upon receipt of the proceeds thereof, the Obligee may install or repair such improvements as are covered by this bond.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this 7th **day of** November **20**25.

Joe Bland Construction, LLC
Principal

By: Collin Bland
Title: President
Address: Joe Bland Construction LLC
9500 West Parmer Lane, Suite 1301
Austin, TX 78717

Suretec Insurance Company
Surety

By:
Title: Brad Ballew, Attorney-In-Fact
Address:
2103 CityWest Blvd., Suite 1300
Houston, TX 77042

The name and address of the Resident Agent of Surety in Williamson County, Texas, is:
Ballew Surety Agency, Inc., Brad Ballew
3802 Menchaca Road, Austin, TX 78704-6734

POA# 4221356

JOINT LIMITED POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That SureTec Insurance Company, a Corporation duly organized and existing under the laws of the State of Texas and having its principal office in the County of Harris, Texas and Markel Insurance Company (the "Company"), a corporation duly organized and existing under the laws of the state of Illinois, and having its principal administrative office in Glen Allen, Virginia, does by these presents make, constitute and appoint:

David S. Ballew, Brad Ballew, Connie Davis, David Fernea, Grant Ballew

Their true and lawful agent(s) and attorney(s)-in-fact, each in their separate capacity if more than one is named above, to make, execute, seal and deliver for and on their own behalf, individually as a surety or jointly, as co-sureties, and as their act and deed any and all bonds and other undertaking in suretyship provided, however, that the penal sum of any one such instrument executed hereunder shall not exceed the sum of:

Fifty Million and 00/100 Dollars ($50,000,000.00)

This Power of Attorney is granted and is signed and sealed under and by the authority of the following Resolutions adopted by the Board of Directors of SureTec Insurance Company and Markel Insurance Company:

"RESOLVED, That the President, any Senior Vice President, Vice President, Assistant Vice President, Secretary, Assistant Secretary, Treasurer or Assistant Treasurer and each of them hereby is authorized to execute powers of attorney, and such authority can be executed by use of facsimile signature, which may be attested or acknowledged by any officer or attorney, of the company, qualifying the attorney or attorneys named in the given power of attorney, to execute in behalf of, and acknowledge as the act and deed of the SureTec Insurance Company and Markel Insurance Company, as the case may be, all bond undertakings and contracts of suretyship, and to affix the corporate seal thereto."

IN WITNESS WHEREOF, Markel Insurance Company and SureTec Insurance Company have caused their official seal to be hereunto affixed and these presents to be signed by their duly authorized officers on the 30th day of April , 2025 .

SureTec Insurance Company

By: _____
Michael C. Keimig, President

Markel Insurance Company

By: _____
Lindey Jennings, Vice President

State of Texas
County of Harris:

On this 30th day of April , 2025 A. D., before me, a Notary Public of the State of Texas, in and for the County of Harris, duly commissioned and qualified, came THE ABOVE OFFICERS OF THE COMPANIES, to me personally known to be the individuals and officers described in, who executed the preceding instrument, and they acknowledged the execution of same, and being by me duly sworn, disposed and said that they are the officers of the said companies aforesaid, and that the seals affixed to the proceeding instrument are the Corporate Seals of said Companies, and the said Corporate Seals and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said companies, and that Resolutions adopted by the Board of Directors of said Companies referred to in the preceding instrument is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand, and affixed my Official Seal at the County of Harris, the day and year first above written.

JULIE E. MCCLARY
Notary Public State of Texas
Commission # 12947680-5
Commission Expires March 29, 2026

By: _____
Julie E. McClary, Notary Public
My commission expires 3/29/2026

We, the undersigned Officers of SureTec Insurance Company and Markel Insurance Company do herby certify that the original POWER OF ATTORNEY of which the foregoing is a full, true and correct copy is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, we have hereunto set our hands, and affixed the Seals of said Companies, on the 7th day of November , 2025 .

SureTec Insurance Company

By: _____
M. Brent Beaty, Assistant Secretary

Markel Insurance Company

By: _____
Andrew Marquis, Assistant Secretary

Any Instrument issued in excess of the penalty stated above is totally void and without any validity. 4221356
For verification of the authority of this Power you may call (713)812-0800 on any business day between 8:30 AM and 5:00 PM CST.

SureTec Insurance Company

IMPORTANT NOTICE

Statutory Complaint Notice/Filing of Claims

To obtain information or make a complaint: You may call the Surety's toll free telephone number for information or to make a complaint or file a claim at: 1-866-732-0099. You may also write to the Surety at:

SureTec Insurance Company
9500 Arboretum Blvd., Suite
400
Austin, TX 78759

You may contact the Texas Department of Insurance to obtain information on companies, coverage, rights or complaints at 1-800-252- 3439. You may write the Texas Department of Insurance at:

PO Box 149104
Austin, TX 78714-
9104
Fax#: 512-490-1007
Web: http://www.tdi.state.tx.us
Email: ConsumerProtection@tdi.texas.gov

PREMIUM OR CLAIMS DISPUTES: Should you have a dispute concerning your premium or about a claim, you should contact the Surety first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

AGENDA ITEM REPORT
9.7.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-007 accepting the infrastructure improvements for the Hutto Megasite Wastewater Pipeline, Capital Improvement Project (CIP-WW07-2023) as public infrastructure. (Matt Rector)
Meeting:	Thursday, January 8, 2026
Department:	Engineering /
Staff Contact:	Matt Rector

ITEM SUMMARY:

The Hutto Wastewater Megasite Pipeline project has successfully completed construction for the Capital project.

The purpose of this agenda item serves as formal request from the City of Hutto Engineering staff that the construction work for the Hutto Wastwater Megasite Pipeline project has been successfully completed and is ready for full operation as intended. The project has been constructed in substantial conformance with the approved plans and specifications prepared by TransSystem Corporation Consultants.
All outstanding final completion punch list items have been fully addressed, and stormwater pollution prevention measures have been properly removed following confirmation of at least 70% vegetation establishment, in accordance with regulatory requirements.

Approved by Construction Inspection and Engineering through resolution of inspected punch list items.

FISCAL NOTES:

There is no fiscal impact associated with this agenda item. Funding for this project was included in the Capital Improvement Budget with funding sources from bond issuance and operating funds.

ATTACHMENTS:

1. Affidavit of Bills Paid - Hutto Pipeline
2. Concurrence Letter-Hutto Megasite WW07-2023_Chapter 217 Construction Completion Notice Letter_20250917 (1)
3. Final CIP Checklist (1) (1)
4. Hutto Const Summary.rd SIGNED
5. Hutto Maintenance Bond Form 1.27.25 mrmu (002)
6. Hutto Megasite Pipeline_Record Drawings_2025.09.09
7. Hutto.WWL.Final.Cost.Summary.10.2.2025 SIGNED & SEALED BY E.O.R
8. Hutto_Megasite_WW07_2023_Wastewater_Pipeline_Project MAP
9. MAP OF AREA-Hutto_Megasite_WW07_2023_Wastewater_Pipeline_Project
10. Megasite-WWL punchlist After

AGENDA ITEM REPORT
9.7.

11. MEGASITE Phase 2 Res 12.22.25

AFFIDAVIT OF BILLS PAID AND RELEASE OF LIENS BY CONTRACTOR

The undersigned ("Contractor"), having furnished materials and/or performed labor in connection with the construction (the "Project") of certain improvements located at Hutto Megasite Pipeline ("Property") for and inconsideration of the payment to the Contractor of the sum hereinafter specified does hereby acknowledge and release as follows:

Upon the receipt of $176,820.81 being payment on **Invoice** #15-Retainage dated 9/25/2025 for materials and/or labor performed by the Contractor for the Project (the "Work"); Contractor will waive and release any and all liens, rights and interests (whether choate or inchoate, and including, without limitation, all mechanic's and materialmen's liens under the Constitution and the statutes of the "Property" state) which are or may be owed, claimed or held by Contractor in and to the Property and the improvements constructed thereon by reason of the Work or otherwise, and Contractor will thereby RELEASE AND FOREVER DISCHARGE any and all claims , debts, demands or causes of action the Contractor has or may have as a result of the same including, without limitation, any liens of Contract for the Work now or hereafter filed for record in said County.

Contractor represents, warrants, and certifies that all bills owed by the Contractor for materials furnished and labor performed in connection with the Work have been or will be fully paid and satisfied. If for any reason a lien or liens are filed for materials or labor against the Property by virtue of the Contractor's participation in the Project by any person claiming by, through, or under the Contractor, then Contractor will immediately obtain a settlement of such lien or liens and obtain and furnish to the owners of the Property a release thereof. Contractor shall indemnify such owners and their respective heirs, successors and assigns from any such bill or liens and from all costs and expenses, including attorney's fees, incurred in discharging any such bills or removing such liens.

Executed September 26th, 2025.

Contractor Name: JM Pipeline, LLC

By: _____

Title: President, Gaspar Caracheo

_____ Witness

_____ Witness

Subscribed and sworn to before me under my official seal of office this 26th day of September, 2025.

_____ Notary Signature

Emily Morales
My Commission Expires
10/15/2028
Notary ID130837488

September 17, 2025

Ms. Patricia Davis, P.E.
City of Hutto
2800 US HWY 281 N
San Antonio, Texas 78212

Re: Chapter §217 Construction Completion Notice Letter

Permittee: City of Hutto
Customer Reference Number: CN600336861, RN106037260
Permit Number: WQ0011324-002
Project Name: Hutto Megasite WW07 and WW09 Wastewater Pipeline Project
County: Williamson

Dear Ms. Davis:

The purpose of this letter is to provide the City of Hutto notification that the construction for the above referenced project has been completed. I hereby certify that the referenced project has been constructed in substantial compliance with the final approved plans and specifications and in compliance with all the requirements of 30 TAC Chapter §217.

Deviations from approved plans and specifications:
No modifications made to the plans and specifications varied from TCEQ rules Chapter §217 for this project.

Test Results:
The sewer lines have been tested and the tests have passed in accordance with the TCEQ Rules 30 TAC Chapter §217 and the project specifications.

If you have any questions regarding this project, please contact Andrew Fischer at 210-491-2391 or afischer@hwlochner.com.

Sincerely,

Andrew Fischer 9/17/2025

Andrew Fischer, P.E.
Project Engineer
Lochner (TBPE F-10488)

Attachments: Record Drawings

cc: Matt Rector, P.E. – City Engineer

FINAL CIP PROJECT CHECKLIST

Date: 10-29-25

Name of Project: Hutto Megasite WWL_____

Conditional / Final Acceptance Date: 10-28-25_____

Inspector's Name: **Ed Hill** Job Number(s): **WW07-2023**_____

Note: All spaces need to be initialed by Inspector including N/A.

EH 1. Project Construction Summary Date Received: 10-6-2025_____

EH 2. Engineer's Concurrence Letter Date Received: 10-24-25

EH 3. Maintenance Bond(s) Date Received: 09-30-2025_____

EH 4. Final Cost & Quantities Date Received: 10-6-2025_____

Signed & sealed by engineer-10-27-25

EH 5. As-built Reproducible Plans Date Received: **8-21-2025**_____

(1-24"X36", pdf scan, ACAD Base Map files< Shape File .SHP)

N/A 6. TDLR report if applicable Date Received: ___N/A_____

7. Test Reports _____ WW Low Air Pressure Test/Mandrel Test (5-23-25)

Manhole Test **(3/3/25-8/1/25)** EH _____

EH

EH TV Test -**(8-6-25)**

EH Bacteriological Test-**(N/A)** Hydrostatic test of WWFM-**(5/27/25-5/30/25)**

EH 8. Final Inspection Punch List Date Completed:_____10-21-25_____

_N/A___ 9. Liquidated Damages (Yes or No) If yes, how much $ for days.

N/A 10. No. of Lots for Subdivisions_____ Total Acres in Subdivision. _____

EH 11. Affidavit of all Bills Paid Date Received:__9-25-2025_____

EH 12. Final Change Order Date Received: 9-18-2025_____

__N/A___ 13. Extended Warranty (Yes or No) If yes, how long _____

EH 14. Map showing Area being accepted. 9-18-2025

Comments: Vegetation requirements waived on basis of agricultural exceptions

Please initial: EH Inspector, TM Supervisor,

Edward Hill

Digitally signed by Edward Hill
DN: C=US, E=edward.hill@huttotx.gov, O=City of Hutto, OU=Engineering, CN=Edward Hill
Date: 2025.10.29 13:25:32-05'00'

10-29-2025

PROJECT CONSTRUCTION SUMMARY

PROJECT NAME: MEGASITE WASTEWATER PIPLINES (WW07-2023)

FINAL ACCEPTANCE DATE: 9/17/2025

INSPECTOR: MR. EDWARD HILL

CONTRACTOR: JM PIPELINE, LLC

Maintained By:	
COH	Other
Boxes checked by COH	

CONSTRUCTION COSTS

STREET IMPROVEMENT COST: $538,108

SIDEWALK IMPROVEMENT COST: NA

SIDEWALK RAMP IMPROVEMENT COST: NA

BRIDGE IMPROVEMENT COST: NA

POND(S) COST: NA

DRAINAGE IMPROVEMENT COST: $79,887.97 Restore bar ditch

WATER IMPROVEMENT COST: $2,885,980.98

WASTEWATER IMPROVEMENT COST: $538,108

RESTORATION COST: $42,439.25

TOTAL IMPROVEMENT COST: $3,536,416.20

PREPARED BY (DESIGN ENGINEER): , P.E. ( ) Richard Duane PE

CHECKED BY (CITY INSPECTOR): Edward Hill

Digitally signed by Edward Hill
DN: C=US, E=edward.hill@huttotx.gov, O=City of Hutto, OU=Engineering, CN=Edward Hill
Date: 2025.11.04 07:20:38-06'00'

11-4-2025

CONSTRUCTION SUMMARY FOR WATER

VALVES INSTALLED			PIPE			FIRE HYDRANTS		
SIZE	DESCRIPTION	NO.	SIZE	TYPE	LENGTH	SIZE	TYPE	NO.
24”	Gate		24”	DI		6”	Fire Hydrant	
30”	Gate		30”	DI				
36”	Butterfly		36”	DI				
42”	Butterfly		42”	DI				
			48”	DI				
AIR RELEASE								
SIZE	TYPE	NO.						

2”	Combination							
3”	Combination							
4”	Combination		SERVICES INSTALLED					
			NO.	TYPE				

REMARKS:

Not a water project. No water utilities installed

CITY OF HUTTO
MAINTENANCE BOND
BOND No. 3003654

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

KNOW ALL MEN BY THESE PRESENTS,

That, J.M. Pipeline, LLC, a [corporation, limited partnership, etc.] having a principal place of business at P.O. Box 1999, Burnet, TX 78611, as Principal and Harco National Insurance Company, a corporation authorized to issue surety bonds in the State of Texas, and having an office and place of business in Texas at 28420 Hardy Toll Road, Suite 200, Spring, TX 77373, as Surety, are held and firmly bound unto the CITY OF HUTTO, TEXAS, a home-rule municipal corporation organized under the laws of the State of Texas with principal administrative offices at Hutto City Hall, 500 West Live Oak Street, Hutto, Texas 78634 in Williamson County, Texas, as Obligee, in the sum of Three Million Five Hundred Thirty Five Thousand Nine Hundred Sixty Five Dollars and Sixty Cents DOLLARS ($ 3,535,965.60) lawful money of the United States, for the payment whereof to the Obligee, the Principal and the Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly to these presents:

WHEREAS, Principal is responsible for the completion of HUTTO MEGASITE WW07-2023 WASTEWATER PIPELINE PROJECT located at FM 3349 and CR 132, Hutto, TX 78634 in Williamson County, Texas (the "Work"), [as per the map or plat thereof recorded in N/A of the Deed Records of Williamson County, Texas under Williamson County Clerk File Number N/A and ;][under a certain contract between Principal and Obligee for said Work approved by the Hutto City Council by the attached Resolution;

WHEREAS, Principal has certified in writing to Obligee that all required Work has been completed in accordance with the approved construction plans and Obligee's applicable standards and specifications;

WHEREAS, Principal has requested that the City of Hutto, Texas acknowledge completion and acceptance of the Work as provided by the Code of Ordinances of the City of Hutto, Texas, the issuance of such certificate being subject to the requirement that Principal shall correct all defects within publicly dedicated improvements and Work done for the benefit of Obligee that occur within two (2) years of the date of the acceptance of the Work;

WHEREAS, under the terms of the specifications for the Work, Principal is required to give a bond equal to 100% of the amount of the contract to protect the Obligee against the result of faulty materials or workmanship for a period of 24 months after acceptance of the Work; and

CITY OF HUTTO

HUTTO WASTEWATER IMPROVEMENTS

HUTTO MEGASITE WW07-2023 WASTEWATER PIPELINE PROJECT

APRIL 2024

PREPARED FOR:

CITY OF HUTTO

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: SEPTEMBER 9, 2025

SCALE: 1" = 4000'

MIKE SYNDER, MAYOR OF HUTTO
BRIAN THOMPSON, COUNCIL PLACE 1
DAN THORTON, COUNCIL PLACE 2
RANDAL CLARK, COUNCIL PLACE 3
PETER GORDON, MAYOR PRO-TEM, COUNCIL PLACE 4
DANA WILCOTT, COUNCIL 5
AMBERLEY KOLAR, COUNCIL PLACE 6

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN ACCEPTING THESE PLANS, THE CITY OF HUTTO MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REVISION #	DESCRIPTION	APPROVAL

PREPARED BY:

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY

1120 S. CAPITAL OF TEXAS HIGHWAY
CITYVIEW 2, SUITE 100
AUSTIN, TEXAS 78746
PH. 512.338.1704
FAX. 512.338.1784
TBPE FIRM #6535
www.kfriese.com

THIS PLAN SET IS FULL SIZE AT 11" X 17".

CITY OF HUTTO - HUTTO WASTEWATER IMPROVEMENTS

INDEX OF DRAWING		
SHEET NUMBER	SHEET CATEGORY	SHEET TITLE
1	GENERAL	COVER
2	GENERAL	INDEX OF SHEETS
3	GENERAL	QUANTITY SUMMARY (1 OF 2)
4	GENERAL	QUANTITY SUMMARY (2 OF 2)
5	GENERAL	GENERAL NOTES (1 OF 2)
6	GENERAL	GENERAL NOTES (2 OF 2)
7	GENERAL	SURVEY CONTROL INDEX SHEET (1 OF 2)
8	GENERAL	SURVEY CONTROL INDEX SHEET (2 OF 2)
9	GENERAL	PROJECT LAYOUT
10	PLAN & PROFILE	BEGIN TO STA 12+50
11	PLAN & PROFILE	STA 12+50 TO STA 16+50
12	PLAN & PROFILE	STA 16+50 TO STA 20+50
13	PLAN & PROFILE	STA 20+50 TO STA 24+50
14	PLAN & PROFILE	STA 24+50 TO STA 28+50
15	PLAN & PROFILE	STA 28+50 TO STA 32+50
16	PLAN & PROFILE	STA 32+50 TO STA 36+50
17	PLAN & PROFILE	STA 36+50 TO STA 40+50
18	PLAN & PROFILE	STA 40+50 TO STA 44+50
19	PLAN & PROFILE	STA 44+50 TO STA 48+50
20	PLAN & PROFILE	STA 48+50 TO STA 52+50
21	PLAN & PROFILE	STA 52+50 TO STA 56+50
22	PLAN & PROFILE	STA 56+50 TO STA 60+50
23	PLAN & PROFILE	STA 60+50 TO STA 64+50
24	PLAN & PROFILE	STA 64+50 TO STA 68+50
25	PLAN & PROFILE	STA 68+50 TO STA 72+50
26	PLAN & PROFILE	STA 72+50 TO STA 76+50
27	PLAN & PROFILE	STA 76+50 TO STA 80+50
28	PLAN & PROFILE	STA 80+50 TO STA 84+50
29	PLAN & PROFILE	STA 84+50 TO STA 88+50
30	PLAN & PROFILE	STA 88+50 TO STA 92+50
31	PLAN & PROFILE	STA 92+50 TO STA 96+50
32	PLAN & PROFILE	STA 96+50 TO STA 100+50
33	PLAN & PROFILE	STA 100+50 TO STA 104+50
34	PLAN & PROFILE	STA 104+50 TO STA 108+50
35	PLAN & PROFILE	STA 108+50 TO STA 112+50
36	PLAN & PROFILE	STA 112+50 TO STA 116+50
37	PLAN & PROFILE	STA 116+50 TO STA 120+50
38	PLAN & PROFILE	STA 120+50 TO STA 124+50
39	PLAN & PROFILE	STA 124+50 TO STA 128+50
40	PLAN & PROFILE	STA 128+50 TO STA 132+50
41	PLAN & PROFILE	STA 132+50 TO STA 136+50
42	PLAN & PROFILE	STA 136+50 TO STA 140+50
43	PLAN & PROFILE	STA 140+50 TO STA 144+50
44	PLAN & PROFILE	STA 144+50 TO STA 148+50
45	PLAN & PROFILE	STA 148+50 TO STA 152+50
46	PLAN & PROFILE	STA 152+50 TO STA 156+50
47	PLAN & PROFILE	STA 156+50 TO STA 160+50
48	PLAN & PROFILE	STA 160+50 TO STA 164+50
49	PLAN & PROFILE	STA 164+50 TO STA 168+50
50	PLAN & PROFILE	STA 168+50 TO STA 172+50
51	PLAN & PROFILE	STA 172+50 TO STA 176+50
52	PLAN & PROFILE	STA 176+50 TO STA 180+50
53	PLAN & PROFILE	STA 180+50 TO END
54	SWPP	EROSION (1 OF 8)
55	SWPP	EROSION (2 OF 8)
56	SWPP	EROSION (3 OF 8)
57	SWPP	EROSION (4 OF 8)
58	SWPP	EROSION (5 OF 8)
59	SWPP	EROSION (6 OF 8)
60	SWPP	EROSION (7 OF 8)
61	SWPP	EROSION (8 OF 8)
62	TRAFFIC CONTROL PLAN	CR 132 DETOUR
63	STANDARD DETAILS	(1 OF 7)
64	STANDARD DETAILS	(2 OF 7)
65	STANDARD DETAILS	(3 OF 7)
66	STANDARD DETAILS	(4 OF 7)
67	STANDARD DETAILS	(5 OF 7)
68	STANDARD DETAILS	(6 OF 7)
69	STANDARD DETAILS	(7 OF 7)

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

GENERAL
INDEX OF SHEETS

K-FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	2 OF 69

Printed: 9/9/2025 4:11 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\INDEX OF SHEETS Layout: 2 INDEX OF SHEETS Saved: 9/9/2025 3:45 PM Last Saved By: afischer

Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:11 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINEINDEX OF SHEETS Layout: 3 QUANTITY SUMMARY Saved: 9/9/2025 3:45 PM Last Saved By: afischer

SUMMARY OF GRAVITY ITEMS

SHEET	LOCATION		1 CIP11 TRENCH SAFETY REQUIREMENTS (LF)	2 G6 SILT FENCE (LF)	3 G6 ROCK BERM (LF)	4 G6 STABILIZED CONSTRUCTION ENTRANCE (EA)	5 G7 HYDROMULCH (SY)*	6 SD1 HOT MIX ASPHALTIC CONCRETE TYPE D (2" COMPACTED DEPTH) (SY)**	7 SD4 FLEXIBLE BASE TYPE II (6" COMPACTED DEPTH) (SY)	8 SD4 FLEXIBLE BASE TYPE II (TRENCH BACKFILL) (8" LIFTS) (SY)	9 WW1 48" DIA MANHOLE (0'-6') (EA)***	10 WW1 48" DIA MANHOLE (EXTRA DEPTH) (>6') (VF)
10	WASTEWATER PLAN AND PROFILE	BEGIN TO STA 12+50	267				1,985.6				1	7.1
11	WASTEWATER PLAN AND PROFILE	STA 12+50 TO STA 16+50	400				2,599.4				1	8.3
12	WASTEWATER PLAN AND PROFILE	STA 16+50 TO STA 20+50	230				2,666.7				2	16.2
13	WASTEWATER PLAN AND PROFILE	STA 20+50 TO STA 24+50	400				2,548.6				1	7.5
14	WASTEWATER PLAN AND PROFILE	STA 24+50 TO STA 28+50	400				2,855.0				3	17.5
15	WASTEWATER PLAN AND PROFILE	STA 28+50 TO STA 32+50	400				2,653.2				1	3.4
16	WASTEWATER PLAN AND PROFILE	STA 32+50 TO STA 36+50	400				2,685.8				1	3.5
17	WASTEWATER PLAN AND PROFILE	STA 36+50 TO STA 40+50	400				2,655.6				1	1.9
18	WASTEWATER PLAN AND PROFILE	STA 40+50 TO STA 44+50	400				2,666.7				1	1.8
19	WASTEWATER PLAN AND PROFILE	STA 44+50 TO STA 48+50	400				2,666.7				3	2.8
20	WASTEWATER PLAN AND PROFILE	STA 48+50 TO STA 52+50	400				2,602.2	9.0	9.0	2.5	1	1.3
21	WASTEWATER PLAN AND PROFILE	STA 52+50 TO STA 56+50	400				741.8	331.6	331.6	180.8	3	8.2
22	WASTEWATER PLAN AND PROFILE	STA 56+50 TO STA 60+50	400				538.2	316.3	316.3	271.8	1	5.1
23	WASTEWATER PLAN AND PROFILE	STA 60+50 TO STA 64+50	400				715.0	281.7	281.7	237.3	1	5.3
24	WASTEWATER PLAN AND PROFILE	STA 64+50 TO STA 68+50	400				834.2	258.3	258.3	213.8	1	5.9
25	WASTEWATER PLAN AND PROFILE	STA 68+50 TO STA 72+50	400				791.6	284.9	284.9	240.5	1	4.7
26	WASTEWATER PLAN AND PROFILE	STA 72+50 TO STA 76+50	400				725.3	330.6	330.6	286.2	1	2.9
27	WASTEWATER PLAN AND PROFILE	STA 76+50 TO STA 80+50	400				691.7	343.8	343.8	299.4	1	1.0
28	WASTEWATER PLAN AND PROFILE	STA 80+50 TO STA 84+50	66				328.3	54.9	54.9	47.5	1	0.5
54	STORMWATER POLLUTION PREVENTION PLAN	(1 OF 8)		4,583	30							
55	STORMWATER POLLUTION PREVENTION PLAN	(2 OF 8)		4,088	30	1						
56	STORMWATER POLLUTION PREVENTION PLAN	(3 OF 8)			30							
57	STORMWATER POLLUTION PREVENTION PLAN	(4 OF 8)										
GENERAL												
PROJECT TOTAL			6,963	8,671	90	1	33,951.4	2,211.1	2,211.1	1,779.8	26	104.9

SUMMARY OF GRAVITY ITEMS

SHEET	LOCATION		11 WW1 60" DIA MANHOLE (0'-6') (EA)	12 WW1 60" DIA MANHOLE (EXTRA DEPTH) (>6') (VF)	13 WW2 18" PVC GRAVITY (ASTM F679, 115 PSI) (0'-10') (LF)	14 WW2 18" PVC GRAVITY (ASTM F679, 115 PSI) (10'-15') (LF)	15 SS501 JACKING OR BORING 30" PIPE (COA SPEC) (LF)	16 SS510 18" PVC GRAVITY (ASTM F679, 115 PSI) CARRIER PIPE (COA SPEC) (LF)	17 G1 BARRICADES, SIGNS AND TRAFFIC HANDLING (MO)	18 G2 RIGHT-OF-WAY PREPARATION (LS)	19 SS01011 MOBILIZATION (LS)
10	WASTEWATER PLAN AND PROFILE	BEGIN TO STA 12+50	1	6.2		267					
11	WASTEWATER PLAN AND PROFILE	STA 12+50 TO STA 16+50				400					
12	WASTEWATER PLAN AND PROFILE	STA 16+50 TO STA 20+50				230	170	170			
13	WASTEWATER PLAN AND PROFILE	STA 20+50 TO STA 24+50				400					
14	WASTEWATER PLAN AND PROFILE	STA 24+50 TO STA 28+50			38	362					
15	WASTEWATER PLAN AND PROFILE	STA 28+50 TO STA 32+50			47	353					
16	WASTEWATER PLAN AND PROFILE	STA 32+50 TO STA 36+50			400						
17	WASTEWATER PLAN AND PROFILE	STA 36+50 TO STA 40+50			400						
18	WASTEWATER PLAN AND PROFILE	STA 40+50 TO STA 44+50			400						
19	WASTEWATER PLAN AND PROFILE	STA 44+50 TO STA 48+50			400						
20	WASTEWATER PLAN AND PROFILE	STA 48+50 TO STA 52+50			400						
21	WASTEWATER PLAN AND PROFILE	STA 52+50 TO STA 56+50			400						
22	WASTEWATER PLAN AND PROFILE	STA 56+50 TO STA 60+50			61	339					
23	WASTEWATER PLAN AND PROFILE	STA 60+50 TO STA 64+50				400					
24	WASTEWATER PLAN AND PROFILE	STA 64+50 TO STA 68+50				400					
25	WASTEWATER PLAN AND PROFILE	STA 68+50 TO STA 72+50				400					
26	WASTEWATER PLAN AND PROFILE	STA 72+50 TO STA 76+50			302	98					
27	WASTEWATER PLAN AND PROFILE	STA 76+50 TO STA 80+50			400						
28	WASTEWATER PLAN AND PROFILE	STA 80+50 TO STA 84+50			66						
54	STORMWATER POLLUTION PREVENTION PLAN	(1 OF 8)									
55	STORMWATER POLLUTION PREVENTION PLAN	(2 OF 8)									
56	STORMWATER POLLUTION PREVENTION PLAN	(3 OF 8)									
57	STORMWATER POLLUTION PREVENTION PLAN	(4 OF 8)									
GENERAL									10	1	1
PROJECT TOTAL			1	6.2	3,314	3,649	170	170	10	1	1

* TOPSOIL IS SUBSIDIARY TO ITEM G7 - HYDROMULCH
** PRIME COAT IS SUBSIDIARY TO ITEM SD1 - HOT MIX ASPHALTIC CONCRETE TYPE D.
*** MANHOLE VENTILATION IS SUBSIDIARY TO ITEM WW1 - 48" DIA. MANHOLE.

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
GENERAL
QUANTITY SUMMARY (1 OF 2)

K-FRIESE + ASSOCIATES
A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	3 OF 69

Plot Style Table: KFA-BW.ctb

SUMMARY OF FORCE MAIN ITEMS

SHEET	LOCATION		1 CIP11 TRENCH SAFETY REQUIREMENTS (LF)	2 G6 SILT FENCE (LF)	3 G6 ROCK BERM (LF)	4 G6 STABILIZED CONSTRUCTION ENTRANCE (EA)	5 G7 HYDROMULCH (SY)*	6 SD1 HOT MIX ASPHALTIC CONCRETE TYPE D (2" COMPACTED DEPTH) (SY)**	7 SD4 FLEXIBLE BASE TYPE II (6" COMPACTED DEPTH) (SY)	8 SD4 FLEXIBLE BASE TYPE II (TRENCH BACKFILL) (8" LIFTS) (SY)	9 WW2 8" PVC FORCEMAIN (AWWA C900, DR 14) (ALL DEPTHS)	10 WW1 48" DIA MANHOLE (0'-6') (EA)
28	WASTEWATER PLAN AND PROFILE	STA 80+50 TO STA 84+50	334				328.3	248.3	248.3	211.3	334	
29	WASTEWATER PLAN AND PROFILE	STA 84+50 TO STA 88+50	400				683.7	312.8	312.8	268.4	400	
30	WASTEWATER PLAN AND PROFILE	STA 88+50 TO STA 92+50	400				663.4	331.2	331.2	286.7	400	
31	WASTEWATER PLAN AND PROFILE	STA 92+50 TO STA 96+50	400				662.3	330.0	330.0	285.6	400	
32	WASTEWATER PLAN AND PROFILE	STA 96+50 TO STA 100+50	400				725.6	264.4	264.4	219.9	400	
33	WASTEWATER PLAN AND PROFILE	STA 100+50 TO STA 104+50	375				745.4	242.4	242.4	197.9	375	
34	WASTEWATER PLAN AND PROFILE	STA 104+50 TO STA 108+50	340				690.2	285.6	285.6	241.2	340	
35	WASTEWATER PLAN AND PROFILE	STA 108+50 TO STA 112+50	400				638.6	344.7	344.7	300.3	400	
36	WASTEWATER PLAN AND PROFILE	STA 112+50 TO STA 116+50	400				621.7	359.4	359.4	314.9	400	
37	WASTEWATER PLAN AND PROFILE	STA 116+50 TO STA 120+50	400				603.1	375.7	375.7	331.2	400	1
38	WASTEWATER PLAN AND PROFILE	STA 120+50 TO STA 124+50	400				517.0	373.0	373.0	328.6	400	
39	WASTEWATER PLAN AND PROFILE	STA 124+50 TO STA 128+50	400				632.0	342.3	342.3	297.8	400	
40	WASTEWATER PLAN AND PROFILE	STA 128+50 TO STA 132+50	400				659.8	312.2	312.2	267.7	400	
41	WASTEWATER PLAN AND PROFILE	STA 132+50 TO STA 136+50	400				661.9	307.7	307.7	263.3	400	
42	WASTEWATER PLAN AND PROFILE	STA 136+50 TO STA 140+50	400				631.3	336.2	336.2	291.7	400	
43	WASTEWATER PLAN AND PROFILE	STA 140+50 TO STA 144+50	394				662.1	303.0	303.0	258.5	394	
44	WASTEWATER PLAN AND PROFILE	STA 144+50 TO STA 148+50	376				712.6	250.4	250.4	205.8	376	
45	WASTEWATER PLAN AND PROFILE	STA 148+50 TO STA 152+50	400				683.3	277.2	277.2	232.7	400	
46	WASTEWATER PLAN AND PROFILE	STA 152+50 TO STA 156+50	400				626.6	331.8	331.8	287.4	400	1
47	WASTEWATER PLAN AND PROFILE	STA 156+50 TO STA 160+50	400				584.2	371.8	371.8	327.4	400	
48	WASTEWATER PLAN AND PROFILE	STA 160+50 TO STA 164+50	400				580.8	373.0	373.0	328.6	400	
49	WASTEWATER PLAN AND PROFILE	STA 164+50 TO STA 168+50	351				1,076.1	92.5	92.5	79.8	351	1
50	WASTEWATER PLAN AND PROFILE	STA 168+50 TO STA 172+50	400				1,377.8				400	
51	WASTEWATER PLAN AND PROFILE	STA 172+50 TO STA 176+50	400				1,666.7				400	
52	WASTEWATER PLAN AND PROFILE	STA 176+50 TO STA 180+50	400				1,186.3				400	
53	WASTEWATER PLAN AND PROFILE	STA 180+50 TO END	177				302.0				177	1
57	STORMWATER POLLUTION PREVENTION PLAN	(4 OF 8)			60							
58	STORMWATER POLLUTION PREVENTION PLAN	(5 OF 8)			60							
59	STORMWATER POLLUTION PREVENTION PLAN	(6 OF 8)			60							
60	STORMWATER POLLUTION PREVENTION PLAN	(7 OF 8)										
61	STORMWATER POLLUTION PREVENTION PLAN	(8 OF 8)		400	60	1						
	GENERAL											
		PROJECT TOTAL	9,947	400	240	1	18,922.7	6,765.6	6,765.6	5,826.7	9,947	4

SUMMARY OF FORCE MAIN ITEMS

SHEET	LOCATION		11 WW1 48" DIA MANHOLE (EXTRA DEPTH) (>6') (VF)	12 W3 8" GATE VALVE (EA)	13 W3 4" GATE VALVE (EA)***	14 W3 2" AIR RELEASE VALVE (EA)	15 SS510 PIPE FITTINGS, ALL SIZES & TYPES (COA SPEC) (TN)	16 SS501 JACKING OR BORING 18" PIPE (COA SPEC) (LF)	17 SS510 8" PVC (AWWA C900, DR 14) CARRIER PIPE (LF)	18 C5 CONCRETE DRIVEWAYS (SY)	19 G1 BARRICADES, SIGNS AND TRAFFIC HANDLING (MO)	20 G2 RIGHT-OF-WAY PREPARATION (LS)	21 SS01011 MOBILIZATION (LS)
28	WASTEWATER PLAN AND PROFILE	STA 80+50 TO STA 84+50		1									
29	WASTEWATER PLAN AND PROFILE	STA 84+50 TO STA 88+50											
30	WASTEWATER PLAN AND PROFILE	STA 88+50 TO STA 92+50											
31	WASTEWATER PLAN AND PROFILE	STA 92+50 TO STA 96+50											
32	WASTEWATER PLAN AND PROFILE	STA 96+50 TO STA 100+50											
33	WASTEWATER PLAN AND PROFILE	STA 100+50 TO STA 104+50		1				25	25				
34	WASTEWATER PLAN AND PROFILE	STA 104+50 TO STA 108+50			1			60	60				
35	WASTEWATER PLAN AND PROFILE	STA 108+50 TO STA 112+50											
36	WASTEWATER PLAN AND PROFILE	STA 112+50 TO STA 116+50											
37	WASTEWATER PLAN AND PROFILE	STA 116+50 TO STA 120+50				1							
38	WASTEWATER PLAN AND PROFILE	STA 120+50 TO STA 124+50		1									
39	WASTEWATER PLAN AND PROFILE	STA 124+50 TO STA 128+50											
40	WASTEWATER PLAN AND PROFILE	STA 128+50 TO STA 132+50											
41	WASTEWATER PLAN AND PROFILE	STA 132+50 TO STA 136+50											
42	WASTEWATER PLAN AND PROFILE	STA 136+50 TO STA 140+50											
43	WASTEWATER PLAN AND PROFILE	STA 140+50 TO STA 144+50		1				6	6				
44	WASTEWATER PLAN AND PROFILE	STA 144+50 TO STA 148+50			1			24	24				
45	WASTEWATER PLAN AND PROFILE	STA 148+50 TO STA 152+50											
46	WASTEWATER PLAN AND PROFILE	STA 152+50 TO STA 156+50				1							
47	WASTEWATER PLAN AND PROFILE	STA 156+50 TO STA 160+50											
48	WASTEWATER PLAN AND PROFILE	STA 160+50 TO STA 164+50		1									
49	WASTEWATER PLAN AND PROFILE	STA 164+50 TO STA 168+50			1	1	0.4	49	49				
50	WASTEWATER PLAN AND PROFILE	STA 168+50 TO STA 172+50											
51	WASTEWATER PLAN AND PROFILE	STA 172+50 TO STA 176+50			1		0.1			290.9			
52	WASTEWATER PLAN AND PROFILE	STA 176+50 TO STA 180+50								73.1			
53	WASTEWATER PLAN AND PROFILE	STA 180+50 TO END	0.8		1	1	0.4	10	10				
	GENERAL										10	1	1
		PROJECT TOTAL	0.8	5	5	4	0.9	174	174	364.0	10	1	1

* TOPSOIL IS SUBSIDIARY TO ITEM G7 - HYDROMULCH.
** PRIME COAT IS SUBSIDIARY TO ITEM SD1 - HOT MIX ASPHALTIC CONCRETE TYPE D.
*** FORCE MAIN CLEANOUTS, INCLUDING ALL PIPING, FITTINGS, CONCRETE PAD, ETC. ARE SUBSIDIARY TO ITEM W03 - 4" GATE VALVE.

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

GENERAL
QUANTITY SUMMARY (2 OF 2)

K-FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	4 OF 69

Printed: 9/9/2025 4:11 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINEINDEX OF SHEETS Layout: 4 QUANTITY SUMMARY Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:11 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\GENERAL NOTES (2 OF 2) Layout: 5 GENERAL NOTES (1 OF 2) Saved: 4/2/2024 3:47 PM Last Saved By: afischer

CITY OF HUTTO - GENERAL CONSTRUCTION NOTES:

UPDATED MARCH 2019

1. THE CONTRACTOR IS TO CONTACT ONE OF THE FOLLOWING:

   TEXAS811 811

   LONE STAR 1-800-669-8344

   FOR LOCATION OF EXISTING FACILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
2. PRIOR TO ANY CONSTRUCTION, THE DESIGN ENGINEER SHALL CONVENE A PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF HUTTO, HIMSELF, THE CONTRACTOR, OTHER UTILITY COMPANIES, ANY AFFECTED PARTIES AND ANY OTHER ENTITY THE CITY OR ENGINEER MAY REQUIRE. IF CONSTRUCTION IS NOT STARTED ON THE SITE WITHIN 30 CALENDAR DAYS AFTER THE PRE-CONSTRUCTION CONFERENCE, THE ENGINEER SHALL CONVENE A NEW PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF HUTTO, HIMSELF, AND ALL THE ABOVE MENTIONED ENTITIES.
3. PRIOR TO ANY CHANGES TO THE CONSTRUCTION SITE, VIDEO OF THE SITE MUST BE TAKEN AND PROVIDED TO THE CITY BEFORE CONSTRUCTION COMMENCES.
4. ALL CONSTRUCTION OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF HUTTO ENGINEERING MANUAL AND STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS. IF CITY OF HUTTO ENGINEERING MANUAL UNAVAILABLE, OR NOT APPLICABLE, REFER TO TXDOT AND/OR CITY OF GEORGETOWN MANUAL, STANDARDS AND/OR SPECIFICATIONS.
5. ALL STORM SEWER BENDS AND WYES SHALL BE PREFABRICATED.
6. ALL STORM SEWER MAINS TO BE FIELD-TESTED FOR WATER TIGHTNESS NO SOONER THAN 30 DAYS AFTER TOTAL COMPLETION OF THE STORM SEWER LINES.
7. ALL STORM SEWER MAINS TO BE VIDEO TAPED BY CAMERA NO SOONER THAN 30 DAYS AFTER TOTAL COMPLETION OF THE STORM SEWER LINES. TWO DIGITAL COPIES SHALL BE SUPPLIED TO THE CITY BEFORE CLOSEOUT. AL STORM SEWER CONDUITS WILL BE INSPECTED BY THE CITY BEFORE CITY ACCEPTANCE, VIDEO MUST SHOW DETAILS ALL OF IRREGULARITIES OR OFFSETS (MINIMUM 10 SECONDS OF VIDEO TIME).
8. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 E 6TH STREET, AUSTIN, TEXAS.
9. CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE INCURRED TO EXISTING FACILITIES AS A RESULT OF CONSTRUCTION OPERATIONS TO BE REPAIRED IMMEDIATELY BY THE CONTRACTOR, AT NO ADDITIONAL COST TO OWNER.
10. CONTRACTOR TO GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS OR PERSON IN CHARGE OF PUBLIC AND PRIVATE UTILITIES AFFECT BY HIS OPERATIONS AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
11. CONTRACTOR TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS REGARDING EXCESS AND WASTE MATERIAL, INCLUDING METHODS OF HANDLING AND DISPOSAL.
12. CONTRACTOR TO COORDINATE INTERRUPTIONS OF ALL UTILITIES AND SERVICES. ALL WORK TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY OR AGENCY INVOLVED.
13. WHEN UN-LOCATED OR INCORRECTLY LOCATED, A BREAK IN UTILITY LINES, OR OTHER UTILITIES AND SERVICES ARE ENCOUNTERED DURING SITE WORK OPERATIONS, CONTRACTOR SHALL NOTIFY THE APPLICABLE UTILITY COMPANY IMMEDIATELY TO OBTAIN PROCEDURE DIRECTIONS. CONTRACTOR SHALL COOPERATE WITH THE APPLICABLE UTILITY COMPANY IN MAINTAINING ACTIVE SERVICES IN OPERATION.
14. CONTRACTOR TO LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS. RE-ESTABLISH DISTURBED OR DESTROYED ITEMS BY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AT NO ADDITIONAL COST TO OWNER.
15. WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. CLEAN-UP SHALL BE TO THE SATISFACTION OF THE ENGINEER.
16. THE CONTRACTOR AND THE ENGINEER SHALL KEEP ACCURATE RECORDS OF ALL CONSTRUCTION THAT DEVIATES FROM THE PLANS. ACCURATE “RECORD” DRAWINGS WILL BE PROVIDED TO THE CITY OF HUTTO, ALONG WITH A LETTER CERTIFICATION FROM A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS, STATING THAT SAID PROJECT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THESE PLANS, PRIOR TO THE OWNER BEING ISSUED A CERTIFICATION OF COMPLETION AND FINAL ACCEPTANCE. THESE “RECORD” DRAWINGS SHALL MEET WITH THE SATISFACTION OF THE ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENT PRIOR TO FINAL ACCEPTANCE.
17. CONTRACTOR SHALL STRIP SIX (6) INCHES OF TOPSOIL FROM ALL AREAS SUBJECT TO GRADE MODIFICATION. REMOVE ALL AREAS OF WEAK SOIL.
18. THE CONTRACTOR SHALL PROTECT ALL EXISTING FENCES. IN THE EVENT THAT A FENCE MUST BE REMOVED, THE CONTRACTOR SHALL REPLACE SAID FENCE OR PORTION THEREOF WITH THE SAME TYPE OF FENCING TO A QUALITY OF EQUAL OR BETTER THAN THE ORIGINAL FENCE.
19. UPON COMPLETION OF THE PROJECT, THE SITE(S) AS DEFINED HEREIN SHALL BE CLEANED OF ALL DEBRIS AND LEFT IN A NEAT AND PRESENTABLE CONDITION.
20. ALL ADJOINING PAVEMENT SECTIONS SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND ANY DAMAGES INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
21. CONTRACTOR TO CONTROL DUST CAUSED BY THE WORK AND COMPLY WITH POLLUTION CONTROL REGULATIONS OF GOVERNING AUTHORITIES (NO SEPARATE PAY).
22. TRAFFIC CONTROLS TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT TxDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND TxDOT BARRICADE AND CONSTRUCTION STANDARDS.
23. REVEGETATE ALL DISTURBED AREAS UPON COMPLETION OF THE WORK PER CITY OF GEORGETOWN CONSTRUCTION STANDARDS.
24. CONTRACTOR TO EXERCISE CAUTION DURING CONSTRUCTION NEAR AND AROUND GAS LINES AND POWER LINES.
25. NO WORK IS TO BE PERFORMED BETWEEN THE HOURS OF 6:00 P.M. AND 7:00 A.M. ALL WORK REQUIRING CITY INSPECTION SHALL BE PERFORMED MONDAY THRU FRIDAY. THE CITY RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO UNCOVER ALL WORK PERFORMED WITHOUT INSPECTION.
26. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION VERTICALLY AND HORIZONTALLY OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK, AND SHALL NOTIFY THE ENGINEER AND THE CITY IF THE EXISTING UTILITY LOCATION AND DEPTHS ARE DIFFERENT FROM WHAT IS SHOWN ON THE PLANS. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
27. ALL FIRE LINES SHALL BE DUCTILE IRON.
28. DETECTABLE TAPE SHALL BE USED FOR ALL UNDERGROUND UTILITIES. TAPE MUST BE 12" WIDE 5 MIL WITH APPLICABLE COLOR AND LABEL.
29. 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.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO PRIVATE PROPERTY WHICH OCCURS 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 PAY AND/OR SETTLE WITH PRIVATE PROPERTY OWNER(S) FOR ALL COST RELATED TO DAMAGE. THE CITY WILL NOT PROVIDE SEPARATE PAY FOR REPAIR OF DAMAGES, REIMBURSEMENTS OR SETTLEMENTS.

WASTEWATER NOTES:

UPDATED AUGUST 2018

31. WASTEWATER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF HUTTO ENGINEERING DESIGN MANUAL, STANDARD SPECIFICATION AND STANDARD DETAILS.
32. NO CURVILINEAR WASTEWATER DESIGN/LAYOUT IS PERMITTED.
33. ALL WASTEWATER SERVICE, AND VALVE LOCATIONS SHALL BE APPROPRIATELY MARKED AS FOLLOWS:

    A. WASTEWATER SERVICE “S” ON TOP OF CURB

    B. VALVE “V” ON TOP OF CURB
34. TOOLS FOR MARKING CURBS SHALL BE PROVIDED BY THE CONTRACTOR. OTHER APPROPRIATE MEANS OF MARKING SERVICE AND VALVE LOCATIONS SHALL BE PROVIDED IN AREAS WITHOUT CURBS. SUCH MEANS OF MARKING SHALL BE SPECIFIED BY THE DESIGN ENGINEER AND APPROVED BY THE CITY OF HUTTO.
35. THRUST BLOCKING AND RESTRAINTS SHALL BE IN ACCORDANCE WITH CITY OF HUTTO STANDARD SPECIFICATIONS.
36. MANDREL TESTING WILL BE REQUIRED ON ALL WASTEWATER PIPE AS PER CITY OF HUTTO CONSTRUCTION SPECIFICATIONS.
37. ALL GRAVITY WASTEWATER MAINS TO BE FIELD-TESTED FOR WATER TIGHTNESS AND VIDEO TAPED BY CAMERA SO SOONER THAN 30-DAYS AFTER TOTAL COMPLETION OF WASTEWATER LINES. TWO DIGITAL COPIES SHALL BE PROVIDED TO THE CITY BEFORE CLOSEOUT.
38. HYDROSTATIC PRESSURE AND LEAKAGE TESTS SHALL BE PERFORMED ON ALL PRESSURE PIPELINES CARRYING WATER OR WASTEWATER.
39. ALL MANHOLES SHALL BE TESTED FOR LEAKAGE SEPARATELY AND INDEPENDENTLY OF WASTEWATER LINES BY HYDROSTATIC EXFILTRATION TESTING OR OTHER CITY APPROVED METHOD PER CITY OF HUTTO CONSTRUCTION SPECIFICATIONS.
40. EXISTING MANHOLES SHALL BE TESTED FOR LEAKAGE PRIOR TO CORING OR ADJUSTMENT.
41. EXISTING MANHOLES SHALL HAVE ALL CONCRETE SURFACES CLEANED AND COATED PER CITY OF HUTTO WASTEWATER DETAILS AFTER CORING OR ADJUSTMENT.
42. ALL NEWLY INSTALLED PIPES AND RELATED PRODUCTS MUST CONFORM TO AMERICAN NATIONAL STANDARDS INSTITUTE / NATIONAL SANITATION FOUNDATION STANDARD 61 AND MUST BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY ANSI.
43. PIPE MATERIAL FOR PRESSURE WASTEWATER MAINS SHALL BE PVC (AWWA C900, MIN. DR 14), OR DUCTILE IRON (AWWA C151, MIN. CLASS 350). DUCTILE IRON FOR PRESSURE WASTEWATER MAINS SHALL HAVE A CORROSION RESISTANT INTERIOR LINING ACCEPTABLE TO OWNER. PIPE MATERIAL FOR GRAVITY WASTEWATER MAINS UNDER 18 INCHES IN DIAMETER SHALL BE PVC SDR-26, ASTM D-3034. PIPE MATERIAL FOR GRAVITY WASTEWATER MAINS 18 INCHES AND GREATER SHALL BE PVC PS115, ASTM F-679.
44. ALL PVC PIPE (ALL TYPES AND SDR/DR WALL THICKNESS TO BE USED) SHALL HAVE RUBBER GASKET EQUIPPED BELL AND SPIGOT JOINTS CONFORMING TO ASTM D-3212. THE GASKET MATERIAL SHALL CONFORM TO ASTM F-477. SOLVENT WELDED JOINTS **WILL NOT** BE APPROVED FOR THIS PROJECT.
45. ALL SANITARY SEWER FACILITIES AND POTABLE WATERLINES MUST BE INSTALLED SO AS TO PROVIDE A MINIMUM OF NINE FEET OF CLEARANCE IN ANY DIRECTION BETWEEN THEM. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, FOLLOW THESE SPECIAL PROCEDURES.

    45.1. IF A COLLECTION SYSTEM PIPE PARALLELS A PUBLIC WATER SUPPLY PIPE THE FOLLOWING REQUIREMENTS APPLY:

    45.1.1. A COLLECTION SYSTEM PIPE MUST BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC MEETING ASTM SPECIFICATIONS WITH AT LEAST 150 POUNDS PER SQUARE INCH (PSI) PRESSURE RATING FOR BOTH THE PIPE AND JOINTS.

    45.1.2. VERTICAL SEPARATION MUST BE AT LEAST TWO FEET BETWEEN THE OUTSIDE DIAMETERS OF THE PIPES.

    45.1.3. HORIZONTAL SEPARATION MUST BE AT LEAST FOUR FEET BETWEEN OUTSIDE DIAMETERS OF THE PIPES.

    45.1.4. COLLECTION SYSTEM PIPE MUST BE BELOW WATER SUPPLY PIPE.

    45.2. IF A COLLECTION SYSTEM CROSSES A PUBLIC WATER SUPPLY PIPE, THE FOLLOWING REQUIREMENTS APPLY:

    45.1.1. IF A COLLECTION SYSTEM IS CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC WITH A MINIMUM PRESSURE RATING OF 150 PSI, THE FOLLOWING REQUIREMENTS APPLY:

    45.1.1.1. A MINIMUM DISTANCE OF SIX (6) INCHES BETWEEN OUTSIDE DIAMETERS OF THE PIPES.

    45.1.1.2. A COLLECTION SYSTEM PIPE MUST BE BELOW A PUBLIC WATER SUPPLY PIPE.

    45.1.1.3. COLLECTION SYSTEM PIPE JOINTS MUST BE LOCATED AS FAR AS POSSIBLE FROM AN INTERSECTION WITH A PUBLIC WATER SUPPLY LINE.

    45.1.2. IF A COLLECTION SYSTEM CROSSES OVER A PUBLIC WATER SUPPLY PIPE, EACH PORTION OF A COLLECTION SYSTEM PIPE WITHIN NINE FEET OF A PUBLIC WATER SUPPLY PIPE MUST BE CONSTRUCTED CAST IRON, DUCTILE IRON, OR PVC PIPE WITH A PRESSURE RATING OF AT LEAST 150 PSI USING APPROPRIATE ADAPTERS.
46. AN INDEPENDENT QUALIFIED LAB, AT THE CONTRACTOR'S EXPENSE, SHALL PERFORM QUALITY TESTING FOR ALL WASTEWATER PIPE INSTALLED AND PRESSURE HYDROSTATIC TESTING OF ALL WATER LINES CONSTRUCTED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT (INCLUDING PUMPS AND GAGES), SUPPLIES, AND LABOR NECESSARY TO PERFORM THE TESTS. A CITY OF HUTTO CONSTRUCTION INSPECTOR MUST BE PRESENT FOR ALL TESTING.
47. THE CONTRACTOR SHALL PROVIDE THE DESIGN ENGINEER AND THE CITY NOT LESS THAN 24 HOURS NOTICE PRIOR TO PERFORMING STERILIZATION, QUALITY TESTING, OR PRESSURE TESTING.
48. THE CONTRACTOR SHALL NOT OPEN OR CLOSE ANY VALVES UNLESS AUTHORIZED BY THE CITY OF HUTTO.
49. ALL VALVE BOXES AND COVERS SHALL BE CAST IRON PER CITY OF HUTTO STANDARD DETAILS.
50. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON RING AND COVER. ALL MANHOLES LOCATED OUTSIDE OF PAVEMENT SHALL HAVE BOLTED AND GASKETED COVERS, UNLESS OTHERWISE CALLED OUT IN THE PLANS. CONCRETE MANHOLES TO BE COATED PER STANDARD DETAIL AND CONSTRUCTION SPECIFICATIONS. TAPPING OF FIBERGLASS MANHOLES SHALL NOT BE PERMITTED.
51. ALL FIRE HYDRANTS SHALL BE DUCTILE IRON PIPE (AWWA C-100, CLASS 200).
52. ALL FIRE HYDRANTS TO BE SILVER IN COLOR WITH PRIMER BONNET AND INSTALLED PER DETAIL.
53. ALL WASTEWATER PIPING AND FITTINGS SHALL BE VIRGIN STOCK.
54. ALL MECHANICAL RESTRAINTS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

GENERAL
GENERAL NOTES (1 OF 2)

K-FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	5 OF 69

Printed: 9/9/2025 4:11 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\GENERAL NOTES (2 OF 2) Layout: 6 GENERAL NOTES (2 OF 2) Saved: 4/2/2024 3:47 PM Last Saved By: afischer

EROSION AND SEDIMENTATION AND TREE PROTECTION NOTES:

UPDATED NOVEMBER 2023

EROSION AND SEDIMENT CONTROLS:

1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROLS AND TREE AND NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, GRADING, OR EXCAVATION).
2. IF APPLICABLE, COMPLIANCE WITH THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM CONSTRUCTION GENERAL PERMIT TXR150000 INCLUDING THE DEVELOPMENT AND IMPLEMENTATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWP3) IS REQUIRED.
3. EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN. DEVIATIONS FROM THE APPROVED PLAN MUST BE SUBMITTED TO AND APPROVED BY THE OWNER'S REPRESENTATIVE.
4. FIELD REVISIONS TO THE EROSION AND SEDIMENT CONTROL PLAN MAY BE REQUIRED BY THE CITY INSPECTOR TO ADDRESS CONTROL INADEQUACIES. THESE REVISIONS SHALL BE DOCUMENTED IN THE SWP3, IF APPLICABLE.
5. COMPLIANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS/REQUIREMENTS IS REQUIRED WHERE APPLICABLE.
6. STORMWATER BEST MANAGEMENT PRACTICES WILL BE REGULATED BY THE SWP3, AS APPROPRIATE.
7. THE CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROLS AT: (A) WEEKLY INTERVALS OR (B) ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF > 0.5 INCHES TO ENSURE THEY ARE FUNCTIONING PROPERLY. ANY ACCUMULATED SEDIMENT AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHED IS SIX INCHES (6").
8. ALL MUD, DIRT, ROCKS, DEBRIS, ETC., SPILLED, TRACKED, OR OTHERWISE DEPOSITED ON EXISTING PAVED STREETS, DRIVES AND AREAS USED BY THE PUBLIC SHALL BE CLEANED UP BY SCRAPING AND/OR SWEEPING BY THE END OF THE DAY. WASHING INTO DITCHES OR STORM SEWERS IS UNACCEPTABLE.
9. THE CONTRACTOR IS REQUIRED TO MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO ENSURE CONTINUED EFFECTIVE OPERATION OF THE EROSION AND SEDIMENT CONTROLS.
10. IF EROSION AND SEDIMENT CONTROL SYSTEMS ARE EXISTING FROM PRIOR CONTRACTS, OWNER'S REPRESENTATIVE AND THE CONTRACTOR ARE TO EXAMINE THE EXISTING EROSION AND SEDIMENT CONTROLS FOR DAMAGE PRIOR TO CONSTRUCTION. ANY DAMAGE TO PREEXISTING EROSION AND SEDIMENT CONTROLS NOTED TO BE REPAIRED AT THE OWNER'S EXPENSE.

POLLUTION PREVENTION MEASURES

1. NO ABOVE AND/OR BELOW GROUND TEMPORARY FUEL STORAGE FACILITIES ARE TO BE STORED ON THE PROJECT SITE.
2. INTENTIONAL RELEASE OF VEHICLE OR EQUIPMENT FLUIDS ONTO THE GROUND IS NOT ALLOWED. CONTAMINATED SOIL RESULTING FROM AN ACCIDENTAL SPILL HAS TO BE REMOVED AND DISPOSED OF PROPERLY.
3. ALL CONCRETE TRUCKS MUST USE AN APPROVED WASHOUT STATION.

TREE PROTECTION:

1. EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILDUP WITHIN TREE DRIP LINE.
2. WHERE A FENCE IS CLOSER THAN FOUR FEET (4') TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF EIGHT FEET (8'), OR THE LIMITS OF LOWER BRANCHING, IN ADDITION TO THE FENCING.
3. TREES SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.
4. ANY ROOT EXPOSED BY THE CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREA WITH GOOD QUALITY TOPSOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN TWO DAYS, COVER THEM WITH ORGANIC MATTER IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
5. TO AVOID SOIL COMPACTION, THE CONTRACTOR SHALL NOT ALLOW VEHICULAR TRAFFIC, PARKING, OR STORAGE OF EQUIPMENT OR MATERIALS IN THE TREE DRIP LINE AREA.
6. CONTRACTOR SHALL PRUNE VEGETATION TO PROVIDE CLEARANCE FOR STRUCTURE, VEHICULAR TRAFFIC, AND EQUIPMENT BEFORE DAMAGE OCCURS (RIPPING OF BRANCHES, ETC.). ALL FINISHED PRUNING TO BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE "NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES").
7. WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACE, TREE WELL, OR OTHER SUCH SITE DEVELOPMENT IMMEDIATELY ADJACENT TO A PROTECTED TREE, ERECT THE FENCE APPROXIMATELY TWO TO FOUR FEET (2'-4') BEHIND THE AREA IN QUESTION.

PERMANENT EROSION CONTROLS :

1. ALL DISTURBED AREAS TO BE RESTORED AS NOTED BELOW.
2. ALL DISTURBED AREAS ARE TO BE PERMANENTLY STABILIZED AS REQUIRED BY THE TCEQ CGP TXR150000 OR BY LOCAL REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
3. THE CONTRACTOR SHALL HYDROMULCH OR SOD ALL EXPOSED CUTS AND FILLS UPON COMPLETION OF CONSTRUCTION, EXCEPT WHERE CUTS ARE MADE OF SOLID ROCK.

EROSION AND SEDIMENTATION AND TREE PROTECTION NOTES (CONTINUED):

4. SEEDING FOR PERMANENT EROSION CONTROL SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS:
   a. FROM OCTOBER TO FEBRUARY, SEEDING SHALL BE WITH A COMBINATION OF ONE POUND (1 LB.) OF UNHULLED BERMUDA GRASS AND SEVEN POUNDS (7 LBS.) OF WINTER RYE PER 1,000 SQUARE FEET WITH A PURITY OF 95% WITH 90% GERMINATION.
   b. FROM MARCH TO SEPTEMBER, SEEDING SHALL BE DONE WITH THE ADDITION OF WINTER FESCUE (KENTUCKY 31) AT A RATE OF 100 LBS./ACRE. GRASS SHALL BE COMMON BERMUDA GRASS, HULLED, MINIMUM 82% PURE LIVE SEED.
5. ALL GRASS SEED SHALL BE FREE FROM NOXIOUS WEED, GRADE "A" RECENT CROP, CLEANED AND TREATED WITH APPROPRIATE FUNGICIDE AT TIME OF MIXING. SEED SHALL BE FURNISHED IN SEALED, STANDARD CONTAINERS WITH DEALER'S GUARANTEED ANALYSIS.
6. THE PLANTED AREA MUST BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX INCHES (6"). IRRIGATION WILL OCCUR AT 10-DAY INTERVALS DURING THE FIRST TWO MONTHS TO INSURE GERMINATION AND ESTABLISHMENT OF THE GRASS. RAINFALL OCCURRENCES OF HALF AN INCH (1/2") OR GREATER SHALL POSTPONE THE WATER SCHEDULE FOR ONE WEEK.
7. MULCH TYPE USED SHALL BE EITHER CELLULOSE FIBER MULCH APPLIED AT A RATE OF 2,000 POUNDS PER ACRE, OR WOOD FIBER MULCH APPLIED AT A RATE OF 2,500 POUNDS PER ACRE.
8. RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST ONE INCH TO ONE AND A HALF INCHES (1" TO 1.5") HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN TEN-SQUARE FEET EXIST.
9. A MINIMUM OF FOUR INCHES (4") OF TOPSOIL SHALL BE PLACED IN ALL AREAS DISTURBED BY CONSTRUCTION.
10. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS AT THE COMPLETION OF THE PROJECT AND WHEN VEGETATION HAS BEEN RESTORED.

TRENCH SAFETY NOTES:

1. IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, ALL TRENCHES OVER 5 FEET (5') IN DEPTH IN EITHER HARD AND COMPACT OR SOFT AND UNSTABLE SOIL SHALL BE SLOPED, SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED. FURTHERMORE, ALL TRENCHES LESS THAN FIVE FEET (5') IN DEPTH SHALL ALSO BE EFFECTIVELY PROTECTED WHEN HAZARDOUS GROUND MOVEMENT MAY BE EXPECTED. TRENCH SAFETY SYSTEMS TO BE UTILIZED FOR THIS PROJECT WILL BE PROVIDED BY THE CONTRACTOR.
2. IN ACCORDANCE WITH THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, WHEN PERSONS ARE IN TRENCHES FOUR FEET (4') DEEP OR MORE, ADEQUATE MEANS OF EXIT, SUCH AS A LADDER OR STEPS, MUST BE PROVIDED AND LOCATED SO AS TO REQUIRE NO MORE THAN 25 FEET OF LATERAL TRAVEL.
3. IF TRENCH SAFETY SYSTEM DETAILS WERE NOT PROVIDED IN THE PLANS BECAUSE TRENCHES WERE ANTICIPATED TO BE LESS THAN FIVE FEET (5') IN DEPTH AND DURING CONSTRUCTION IT IS FOUND THAT TRENCHES ARE IN FACT FIVE FEET (5') OR MORE IN DEPTH OR TRENCHES LESS THAN FIVE FEET (5') IN DEPTH ARE IN AN AREA WHERE HAZARDOUS GROUND MOVEMENT IS EXPECTED, ALL CONSTRUCTION SHALL CEASE, THE TRENCHED AREA SHALL BE BARRICADED AND THE ENGINEER NOTIFIED IMMEDIATELY. CONSTRUCTION SHALL NOT RESUME UNTIL APPROPRIATE TRENCH SAFETY SYSTEM DETAILS, AS DESIGNED BY A PROFESSIONAL ENGINEER, ARE RETAINED AND COPIES SUBMITTED TO THE CITY OF HUTTO.

POWER POLE BRACING:

1. CONTRACTORS SHOULD BE ADVISED THAT THERE ARE EXISTING OVERHEAD UTILITY POLES ALONG THE PROJECT CORRIDOR. CONTRACTORS SHOULD FURTHER BE ADVISED THAT IF THE DISTANCE FROM THE OUTSIDE FACE OF A UTILITY TRENCH TO THE FACE OF A UTILITY POLE IS LESS THAN FIVE FEET (5'), SAID UTILITY POLE IS SUBJECT TO BRACING, BASED ON A DETERMINATION MADE BY UTILITY POLE OWNER. COSTS INCURRED BY CONTRACTOR FOR BRACING OF THESE UTILITY POLES IS SUBSIDIARY TO THAT RESPECTIVE UTILITY COMPANY'S WORK. IT IS ADVISABLE FOR THE CONTRACTOR TO REVIEW THE CONSTRUCTION DOCUMENTS, AND VISIT THE CONSTRUCTION SITE TO DETERMINE POTENTIAL IMPACTS.

TRAFFIC CONTROL NOTES:

1. CONTRACTOR SHALL NOT HAVE EXCLUSIVE USE OF THE RIGHT-OF-WAY BUT SHALL COOPERATE IN THE USE OF THE RIGHT-OF-WAY WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AS WELL AS VARIOUS PUBLIC UTILITY COMPANIES AS MAY BE REQUIRED. IN THE EVENT OF UNFORESEEN UTILITY ADJUSTMENTS, THE CONTRACTOR SHALL EXECUTE WORK IN SUCH A MANNER AND SEQUENCE AS TO ALLOW THE ADJUSTMENTS TO BE MADE WITH MINIMAL DISRUPTION TO TRAFFIC.
2. TRAFFIC MUST BE HANDLED APPROPRIATELY THROUGH THE PROJECT DURING CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR THE SAFETY AND COMFORT OF THE TRAVELING PUBLIC AT ALL TIMES. THE CONTRACTOR SHALL BE REQUIRED TO GIVE THE TRAVELING PUBLIC ADVANCE NOTICE OF ANY LANE CLOSURES OR CHANGE IN TRAFFIC FLOW DIRECTION AS REQUIRED BY TXDOT.
3. THE CONTRACTOR'S ATTENTION IS CALLED TO THE NECESSITY OF ERECTING AND MAINTAINING BARRICADES, WARNING SIGNS, AND DIRECTIONAL SIGNS SHALL COMPLY WITH THE LATEST WITH EDITION OF THE TMUTCD.
4. THE CONTRACTOR SHALL PROVIDE VEHICULAR INGRESS AND EGRESS ACCESS TO AT LEAST ONE DRIVEWAY PER PROPERTY AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5. ACCESS TO PROPERTIES AND BUSINESSES ADJACENT TO THE RIGHT-OF-WAY MUST BE PROVIDED AND MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL PERSONALLY CONTACT THE BUSINESS OR PROPERTY OWNER AT LEAST 5 DAYS IN ADVANCE OF ANY DRIVEWAY CLOSURE. IF THE PROPERTY HAS ORE THAN ONE DRIVEWAY, THEY SHALL BE CLOSED ONLY ONE AT A TIME. IF THE PROPERTY ONLY HAS ONE ACCESS, THE DRIVEWAY SHALL BE CLOSED IN HALF SECTIONS. IF CLOSURE OF A SINGLE ACCESS TO ANY BUSINESS IS REQUIRED FOR UTILITY WORK, THIS ACTIVITY SHALL BE PERFORMED DURING OFF-PEAK HOURS OR AS DIRECTED BY THE ENGINEER.
6. METAL PLATES WILL BE ALLOWED TO COVER TRENCHES IN COSA ROW LEFT OVERNIGHT AND/OR DURING THE DAY THAT HAVE NOT HAD BACKFILL PLACED BUT SHALL NOT BE USED ON ANY SPECIFIC TRENCH FOR MORE THAN 3 CALENDAR DAYS. IF CONTRACTOR CHOOSES TO NOT UTILIZE METAL PLATES, ALL OPEN TRENCHES MUST BE BACKFILLED AT THE END OF EACH WORKING DAY TO ALLOW FOR NON-INTERRUPTED, FREE-FLOW TRAFFIC. NO METAL PLATES WILL BE ALLOWED IN TXDOT RIGHT-OF-WAY OVER OPEN TRENCHES.
7. ADVANCE WARNING LANE CLOSURE SIGNS SHALL BE COVERED WHEN ALL EXISTING LANES ARE OPEN TO TRAFFIC.

ADDITIONAL NOTES:

1. NSPI = NOT A SEPARATE PAY ITEM
2. RL = RESTRAINED LENGTH
3. RESTRAINED LENGTHS NOTED IN THE PLANS REFLECT THE LENGTH TO BE RESTRAINED IN EACH DIRECTION.
4. WATER AND WASTEWATER WORK SHALL FOLLOW CITY OF GEORGETOWN SPECIFICATIONS. WHEREVER THERE ARE DISCREPANCIES BETWEEN WHAT IS REQUIRED IN THE CITY OF GEORGETOWN SPECIFICATIONS AND CITY OF HUTTO NOTES/DETAILS, THE CITY OF HUTTO NOTES/DETAILS SHALL TAKE PRECEDENCE.

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
GENERAL
GENERAL NOTES (2 OF 2)

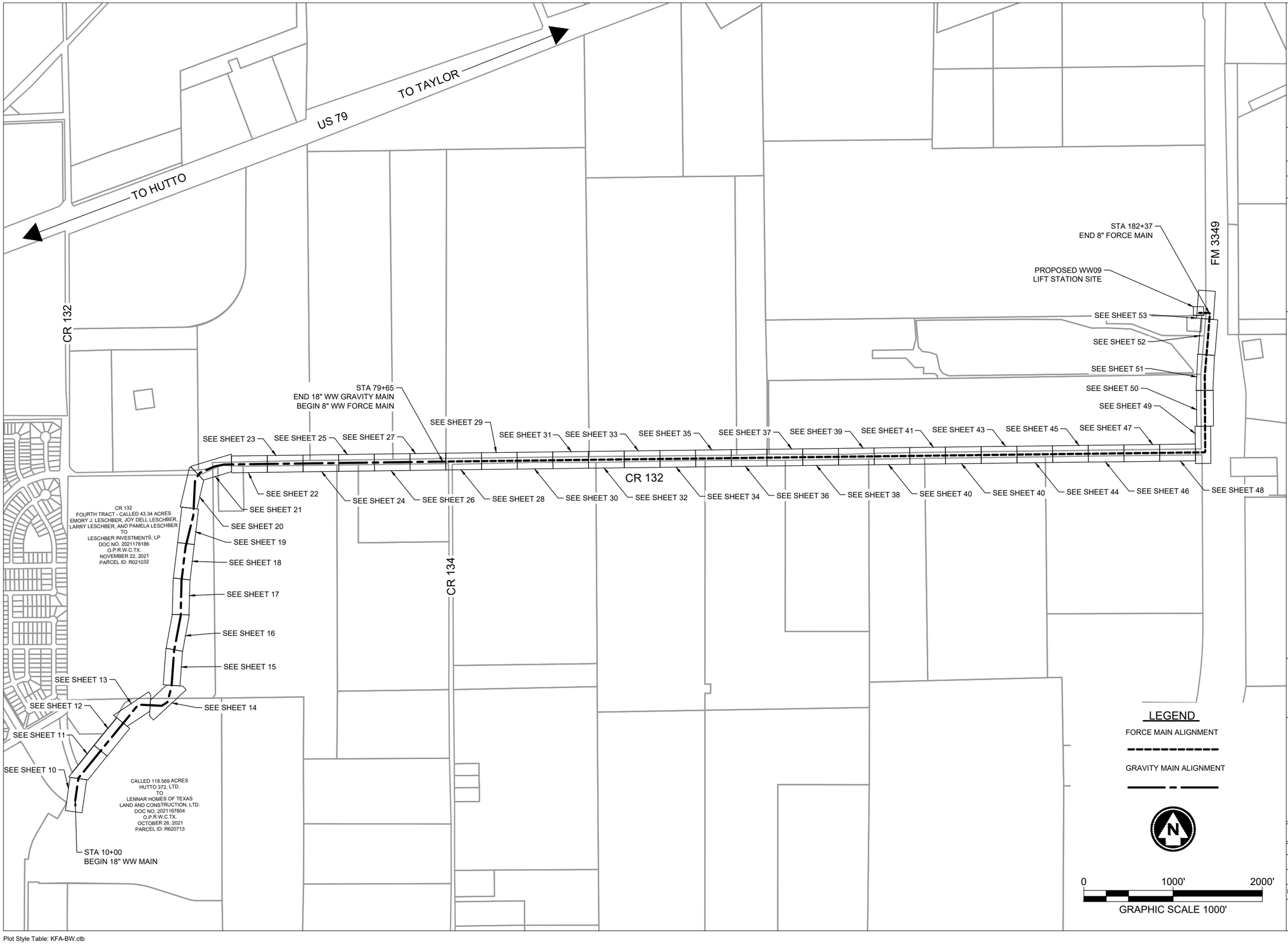
K-FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	6 OF 69

Plot Style Table: KFA-BW.ctb



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

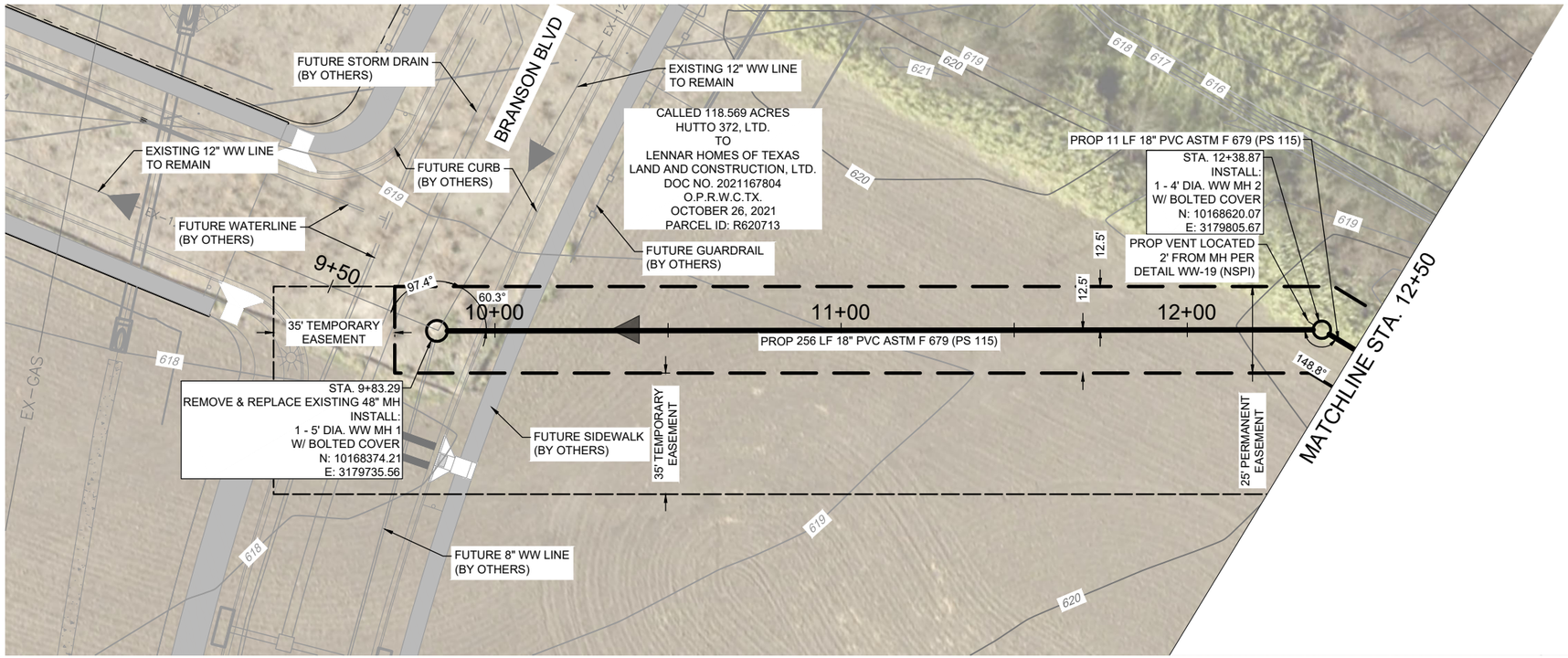
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
GENERAL
PROJECT LAYOUT

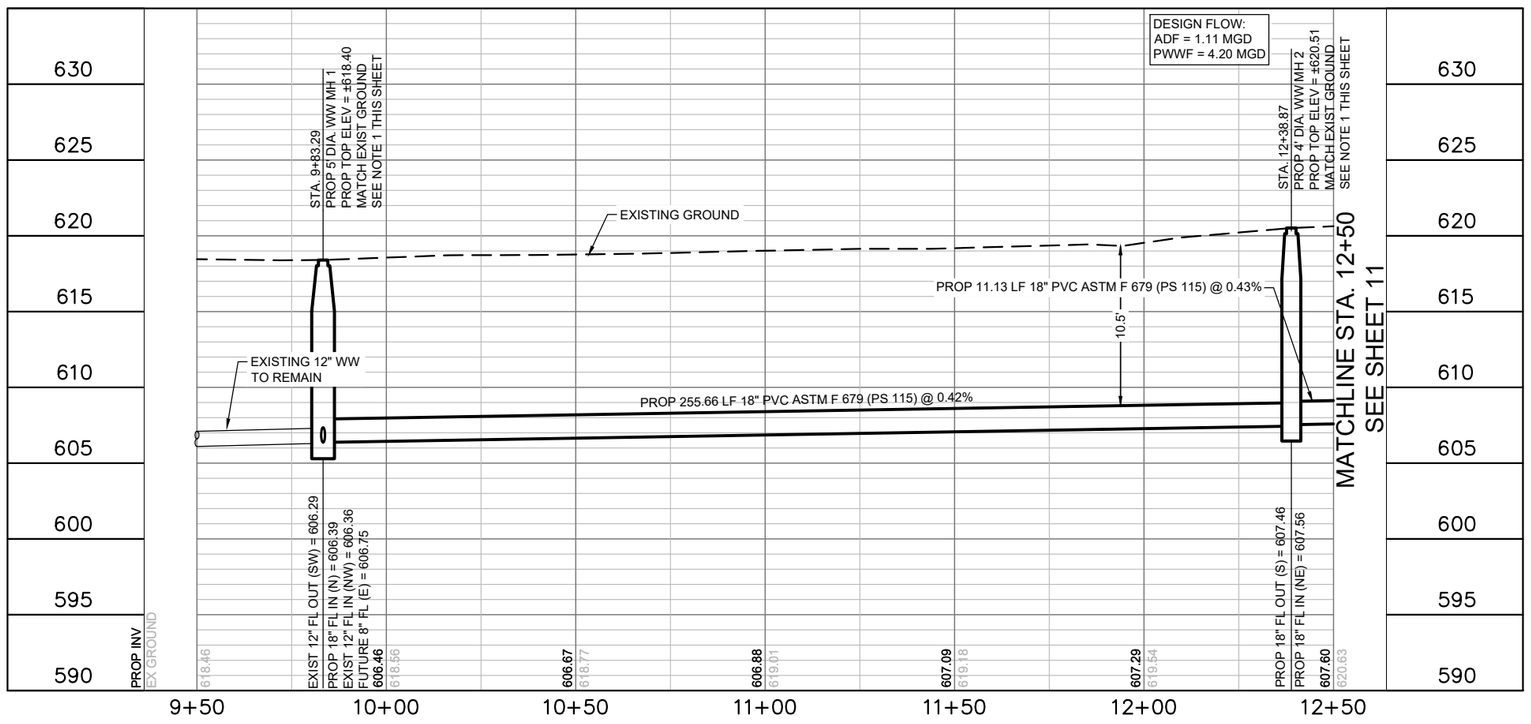
K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

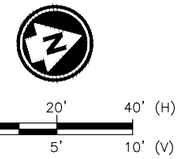
CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	9 OF 69

Printed: 9/9/2025 4:11 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\PROJECT LAYOUT Layout: 9 PROJECT LAYOUT Saved: 2/27/2024 12:01 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:

1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04.
2. CONTRACTOR SHALL BYPASS EXISTING 12" LINE AS NEEDED TO INSTALL PROPOSED MANHOLE 1 PER SPECIFICATION WW03 (NSPI).

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.42%	3.22 FT/S	4.40 FT/S

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
BEGIN TO STA 12+50

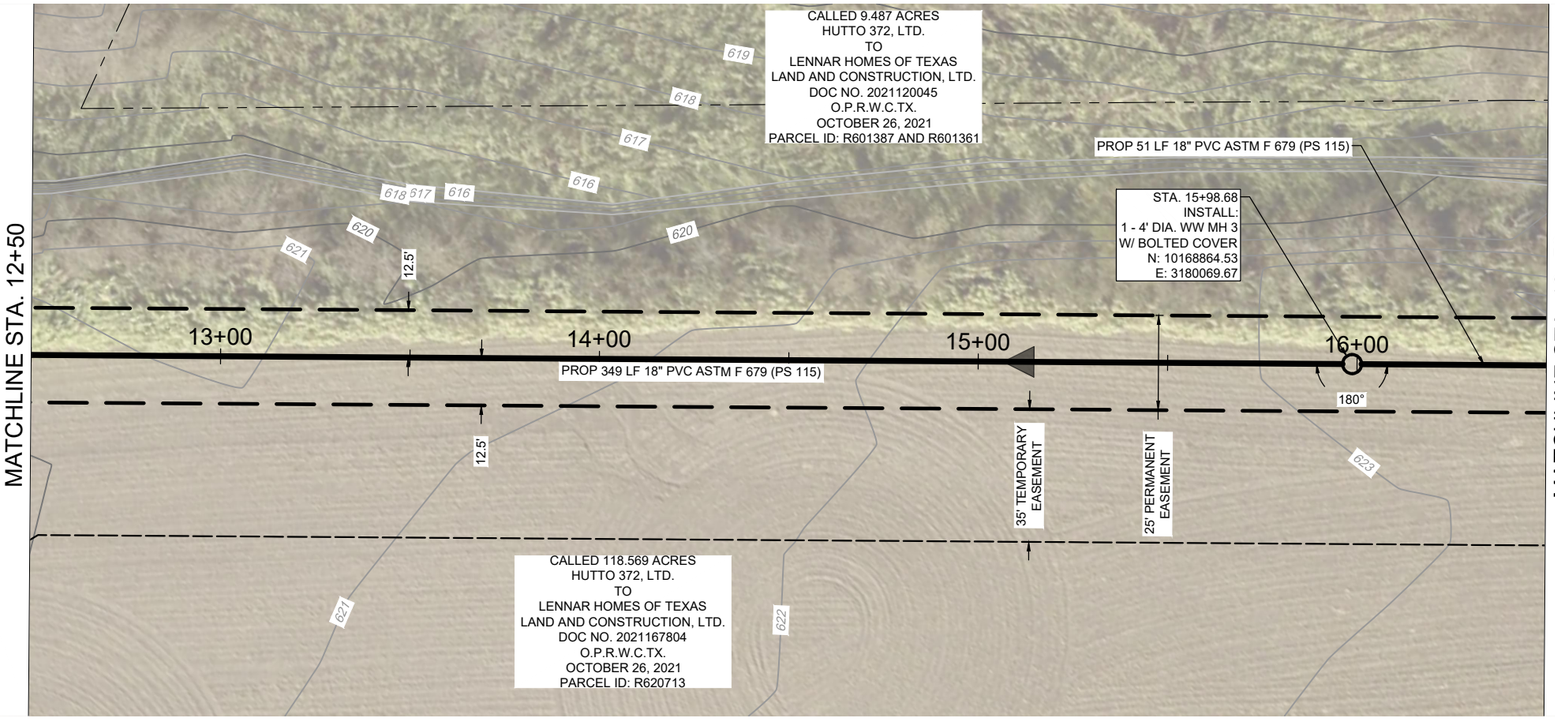
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	10 OF 69

Printed: 9/9/2025 4:13 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 10 BEGIN TO STA 12+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer

Plot Style Table: KFA-BW.ctb



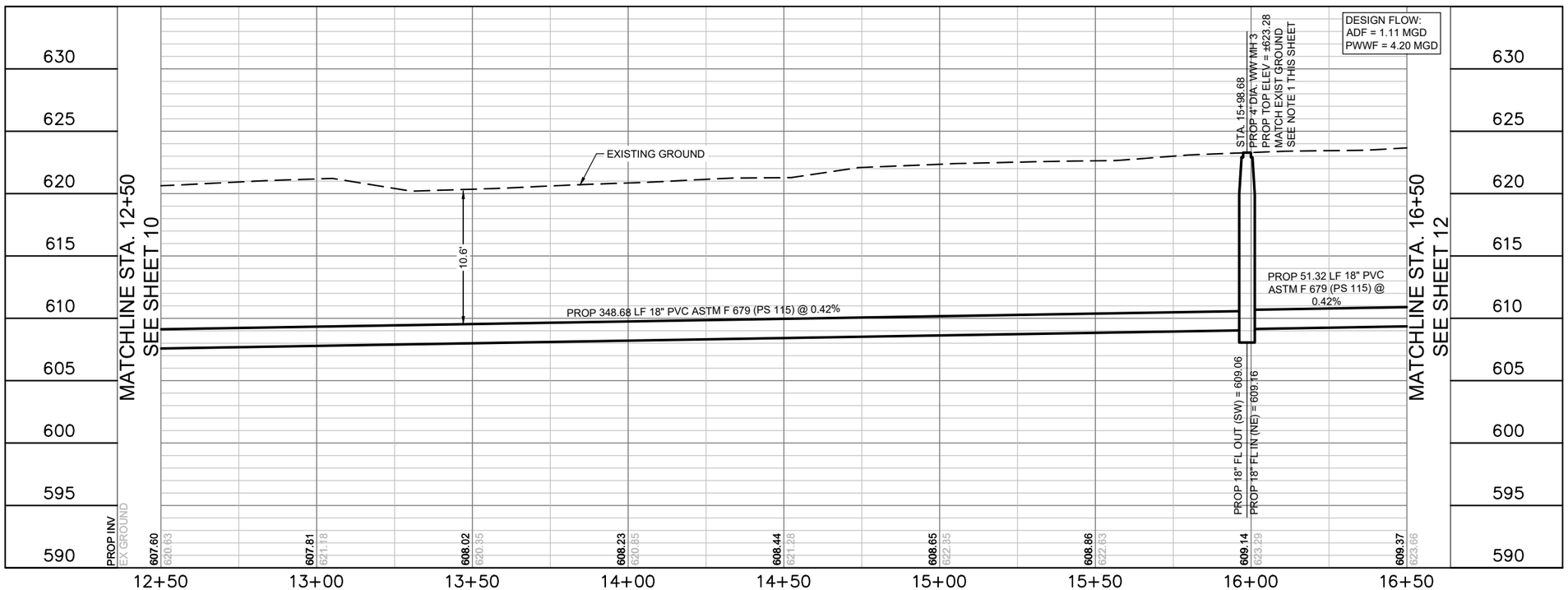
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:
1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.42%	3.22 FT/S	4.40 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

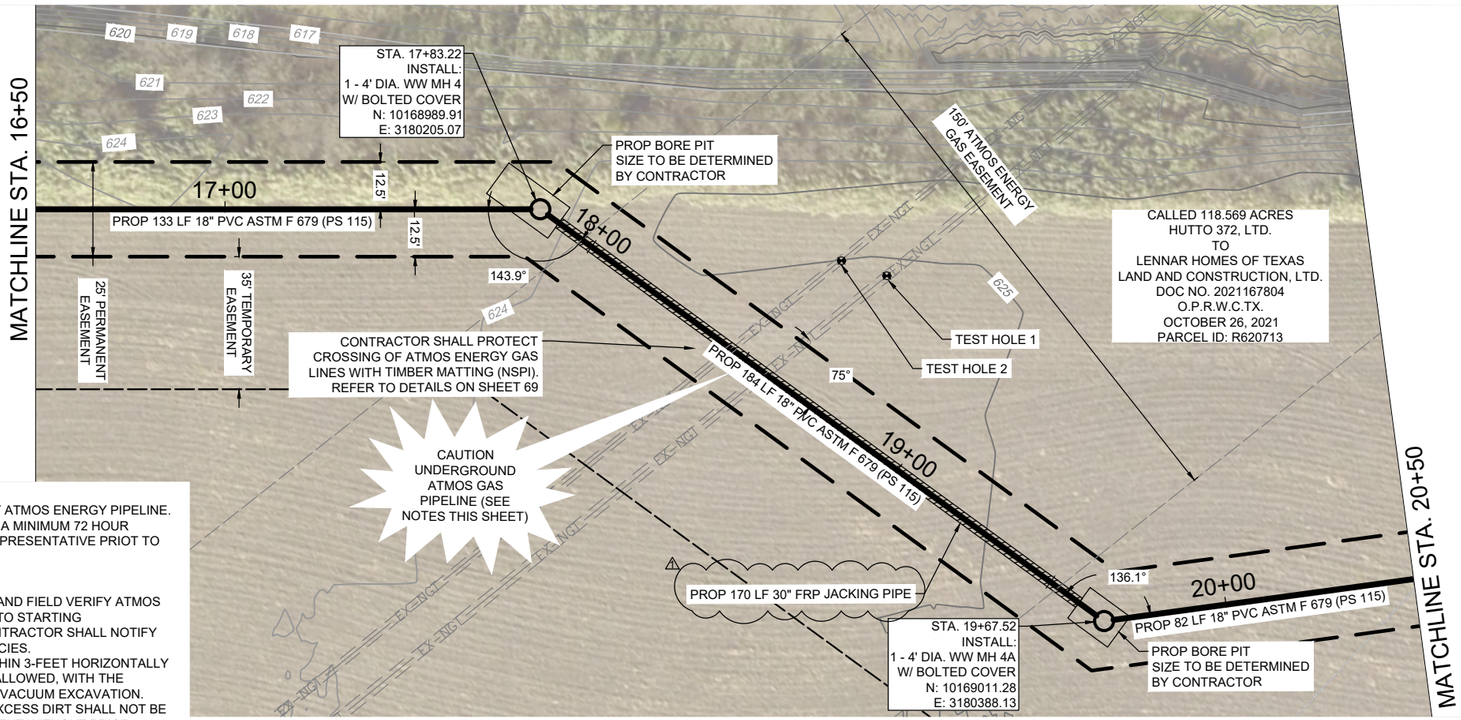
PLAN AND PROFILE
STA 12+50 TO STA 16+50

K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	11 OF 69

Printed: 9/9/2025 4:13 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 11 STA 12+50 TO STA 16+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



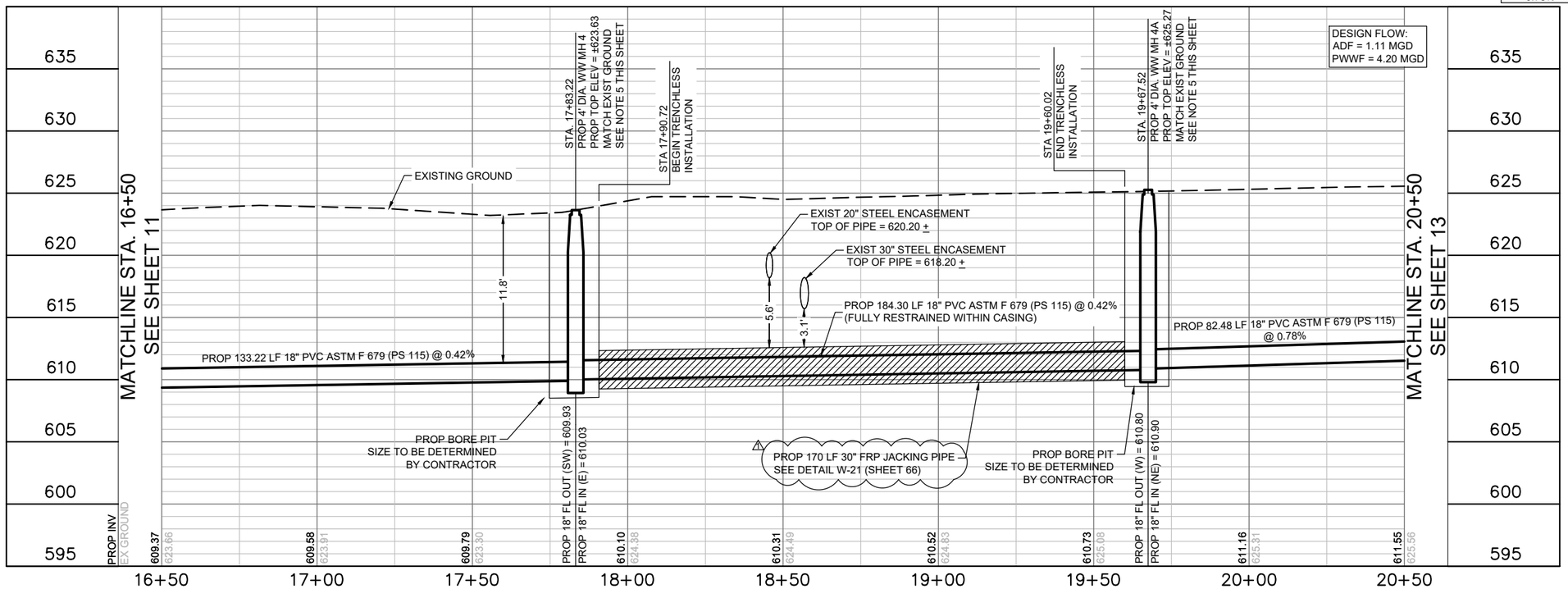
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX—8" WW—
- EXIST WATER MAIN — EX—4" W—
- EXIST CRUDE OIL MAIN — EX—CRD—
- EXIST NATURAL GAS MAIN — EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX—OHE—
- EXIST STORM DRAIN — EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:
1. CONTRACTOR SHALL PROTECT ATMOS ENERGY PIPELINE. CONTRACTOR SHALL PROVIDE A MINIMUM 72 HOUR NOTICE TO ATMOS ENERGY REPRESENTATIVE PRIOT TO EXCAVATION.
   CONTACT: CHRIS WREN
   PHONE: 512-466-6380
2. CONTRACTOR SHALL EXPOSE AND FIELD VERIFY ATMOS GAS MAIN ELEVATIONS PRIOR TO STARTING CONSTRUCTION ACTIVITY. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. MECHANICAL EXCAVATION WITHIN 3-FEET HORIZONTALLY OF ATMOS GAS MAINS IS NOT ALLOWED, WITH THE EXCEPTION OF POTHOLING BY VACUUM EXCAVATION.
4. EQUIPMENT, MATERIALS, OR EXCESS DIRT SHALL NOT BE STORED IN THE ATMOS EASEMENT WITHOUT PRIOR WRITTEN APPROVAL BY ATMOS.
5. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04.

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.42%	3.22 FT/S	4.40 FT/S
0.78%	4.02 FT/S	5.69 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

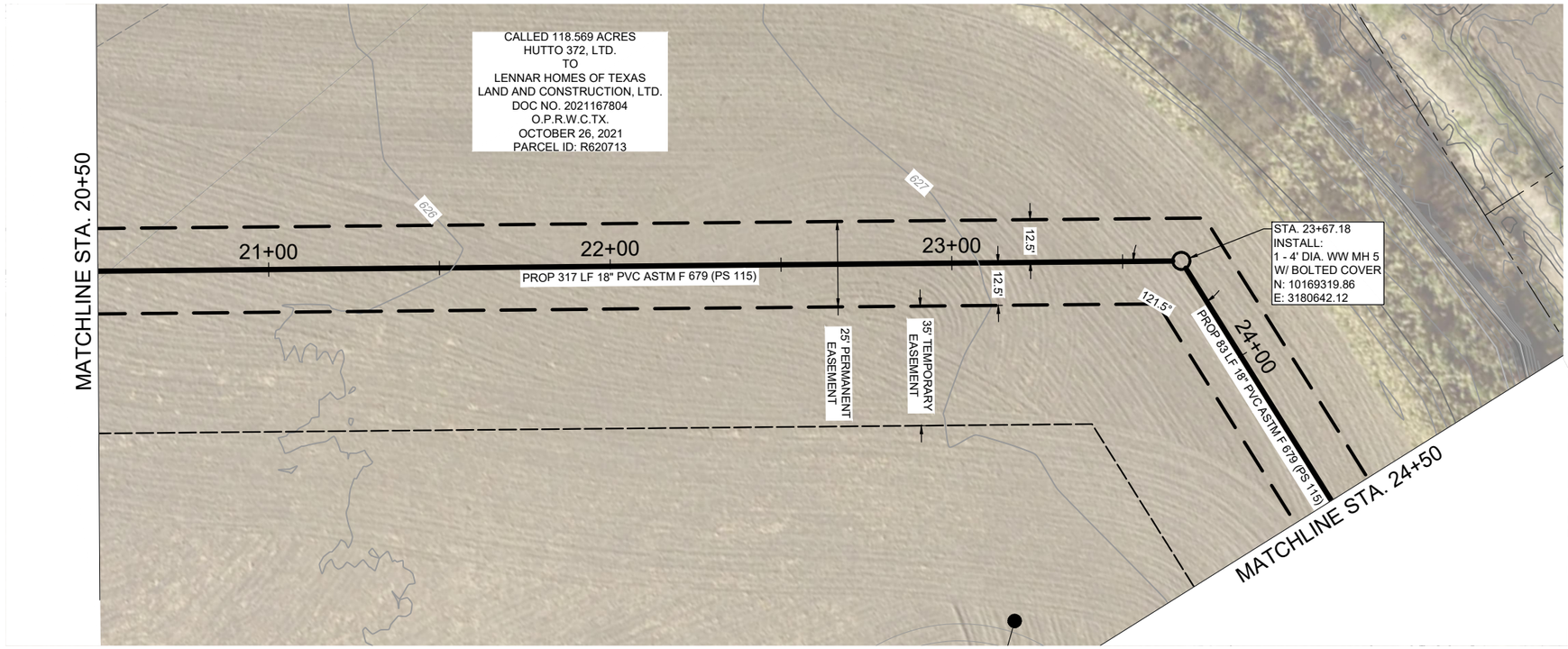
PLAN AND PROFILE
STA 16+50 TO STA 20+50

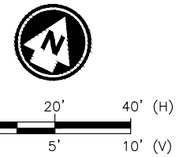
K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	12 OF 69

Printed: 9/9/2025 4:14 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 12 STA 16+50 TO STA 20+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





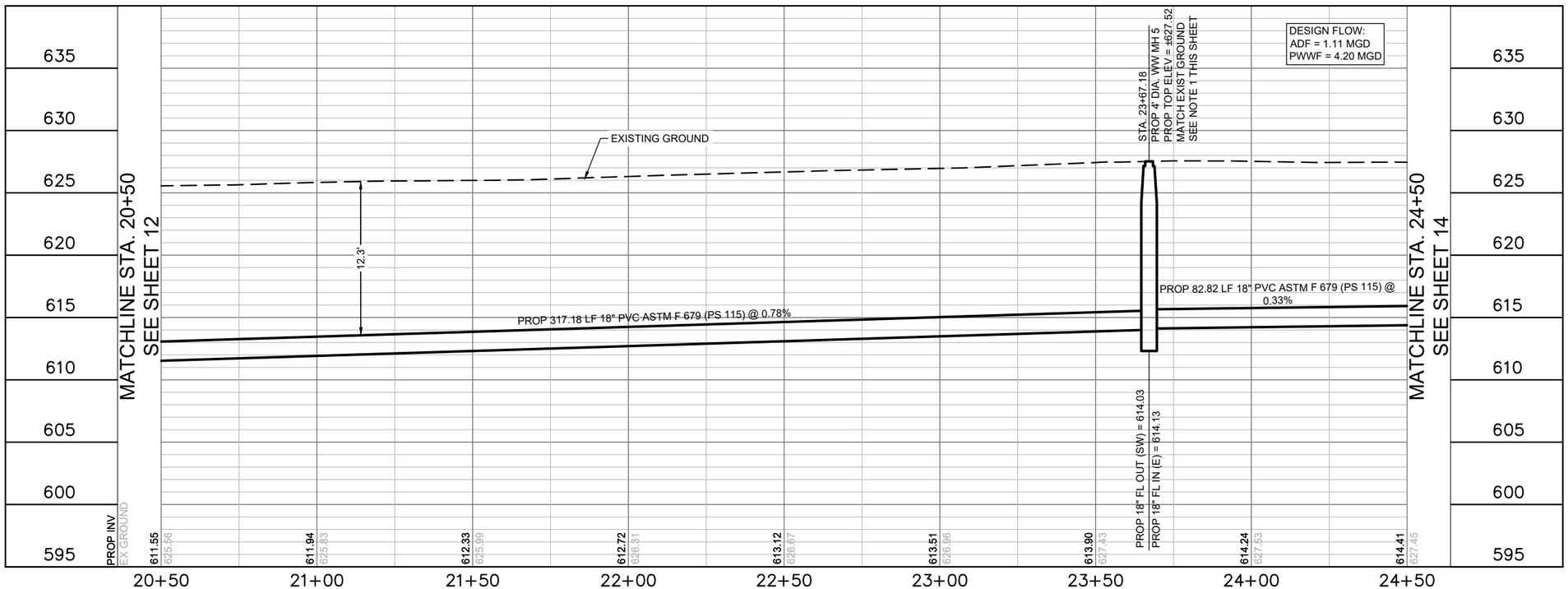
LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:

1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.78%	4.02 FT/S	5.69 FT/S
0.33%	2.95 FT/S	3.75 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

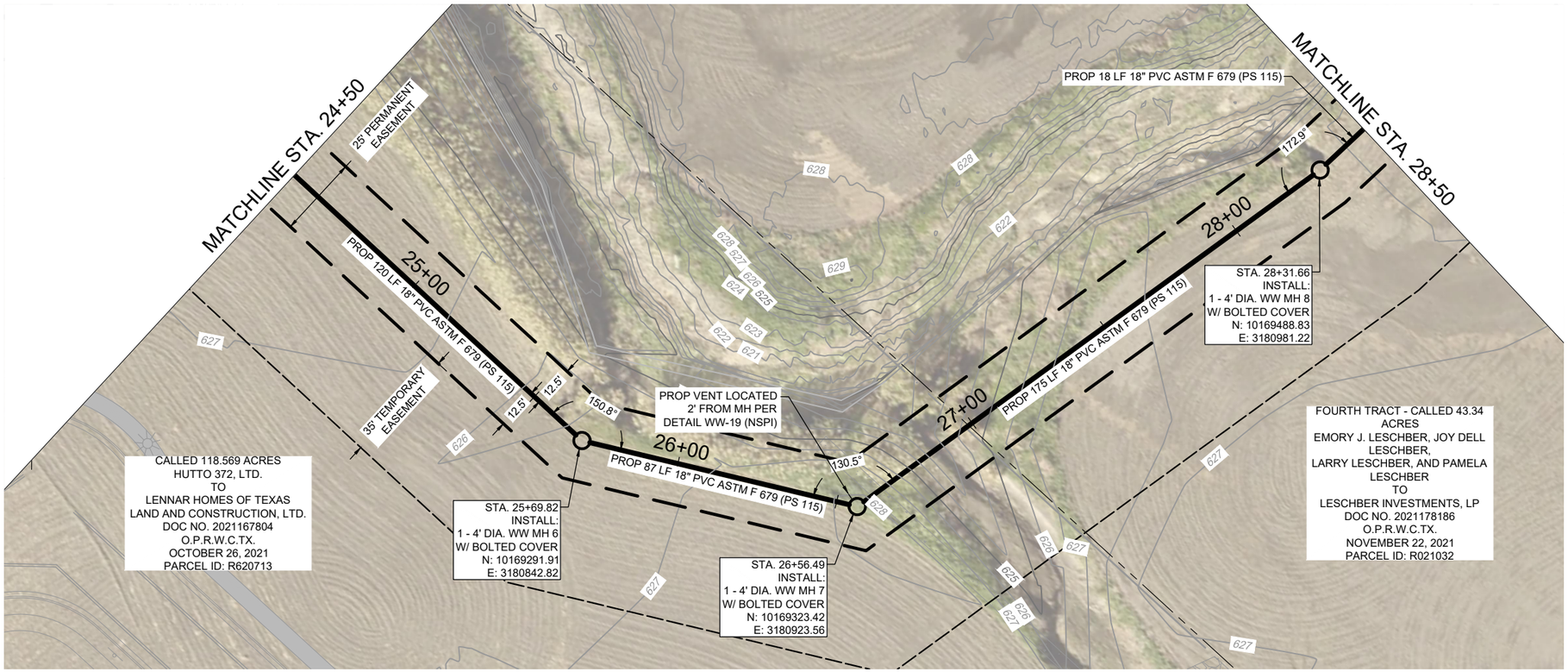
PLAN AND PROFILE
STA 20+50 TO STA 24+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	13 OF 69

Printed: 9/9/2025 4:14 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 13 STA 20+50 TO STA 24+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



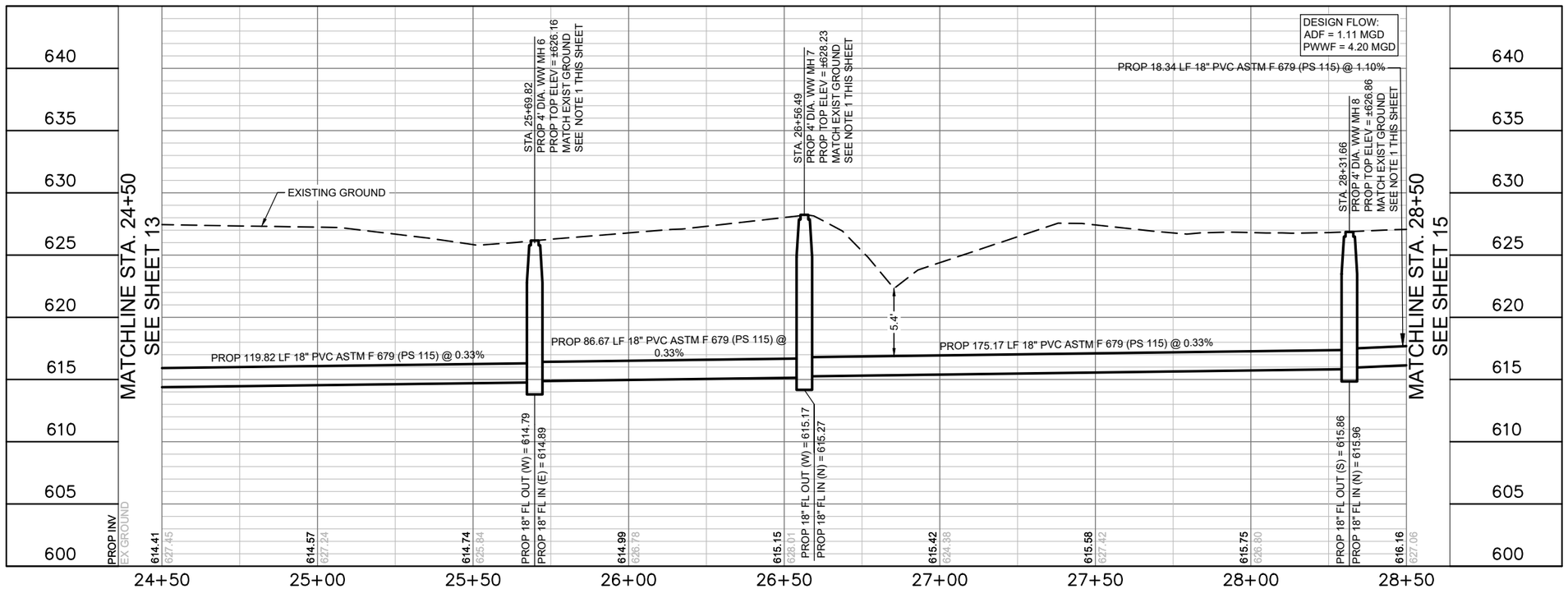
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW–
- EXIST WATER MAIN — EX–4" W–
- EXIST CRUDE OIL MAIN — EX–CRD
- EXIST NATURAL GAS MAIN — EX–NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE
- EXIST STORM DRAIN — EX–18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:
1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.75 FT/S
1.10%	4.54 FT/S	6.50 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

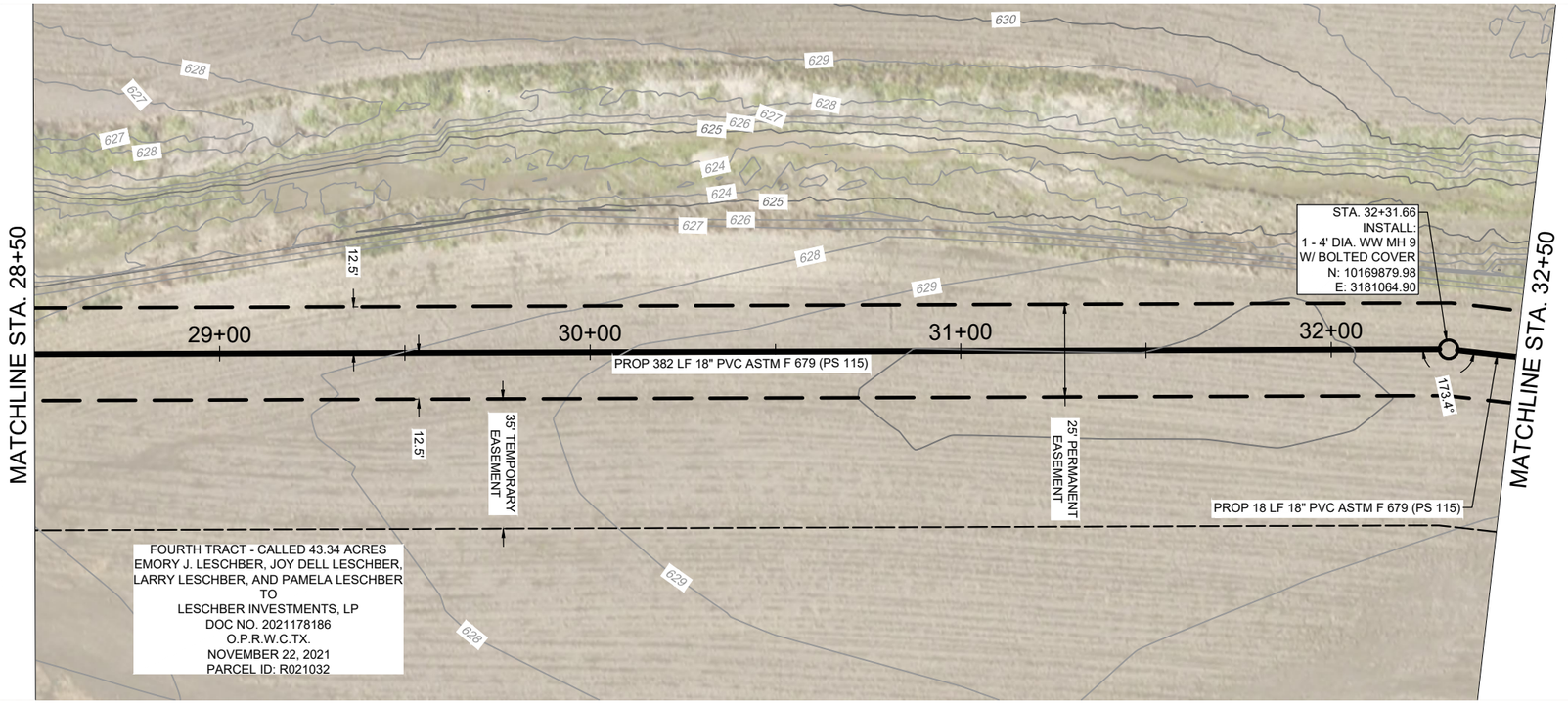
PLAN AND PROFILE
STA 24+50 TO STA 28+50

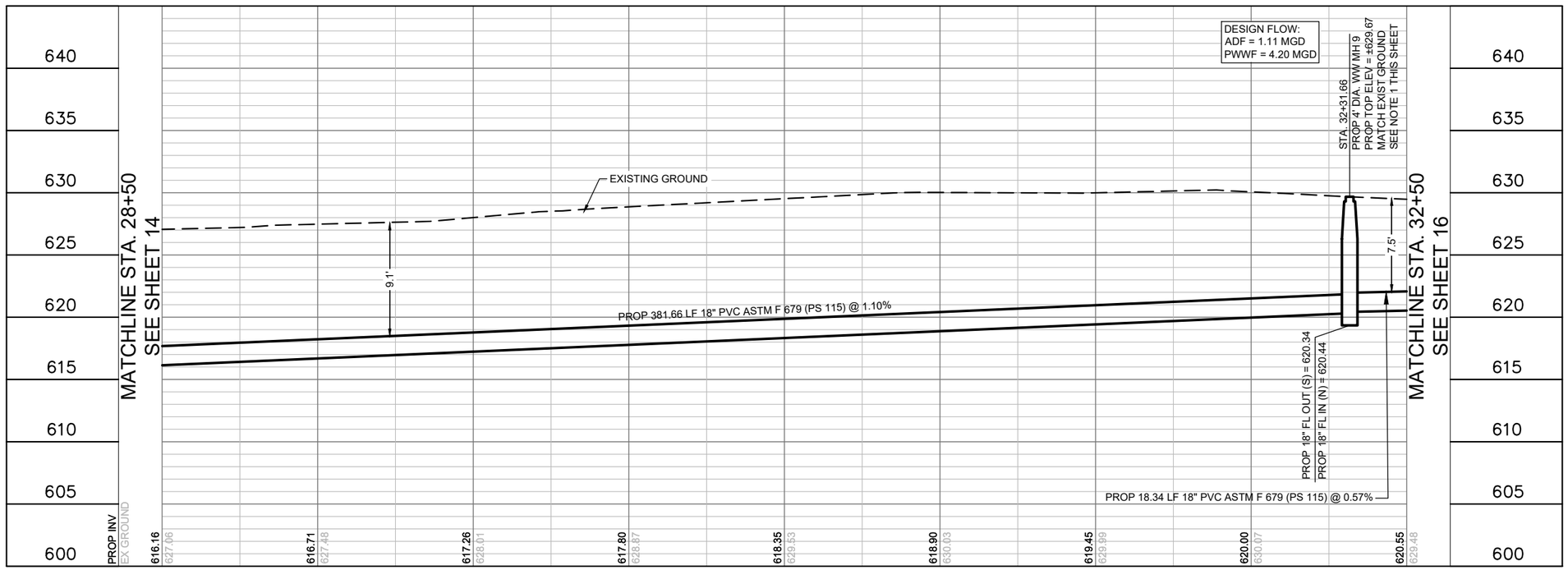
K-FRIESE + ASSOCIATES, A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	14 OF 69

Printed: 9/9/2025 4:14 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 14 STA 24+50 TO STA 28+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW–
- EXIST WATER MAIN — EX–4" W–
- EXIST CRUDE OIL MAIN — EX–CRD–
- EXIST NATURAL GAS MAIN — EX–NGL–
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE–
- EXIST STORM DRAIN — EX–18" ST–
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:
1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
1.10%	4.54 FT/S	6.50 FT/S
0.57%	3.59 FT/S	5.02 FT/S

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746
(FIRM # 6535)

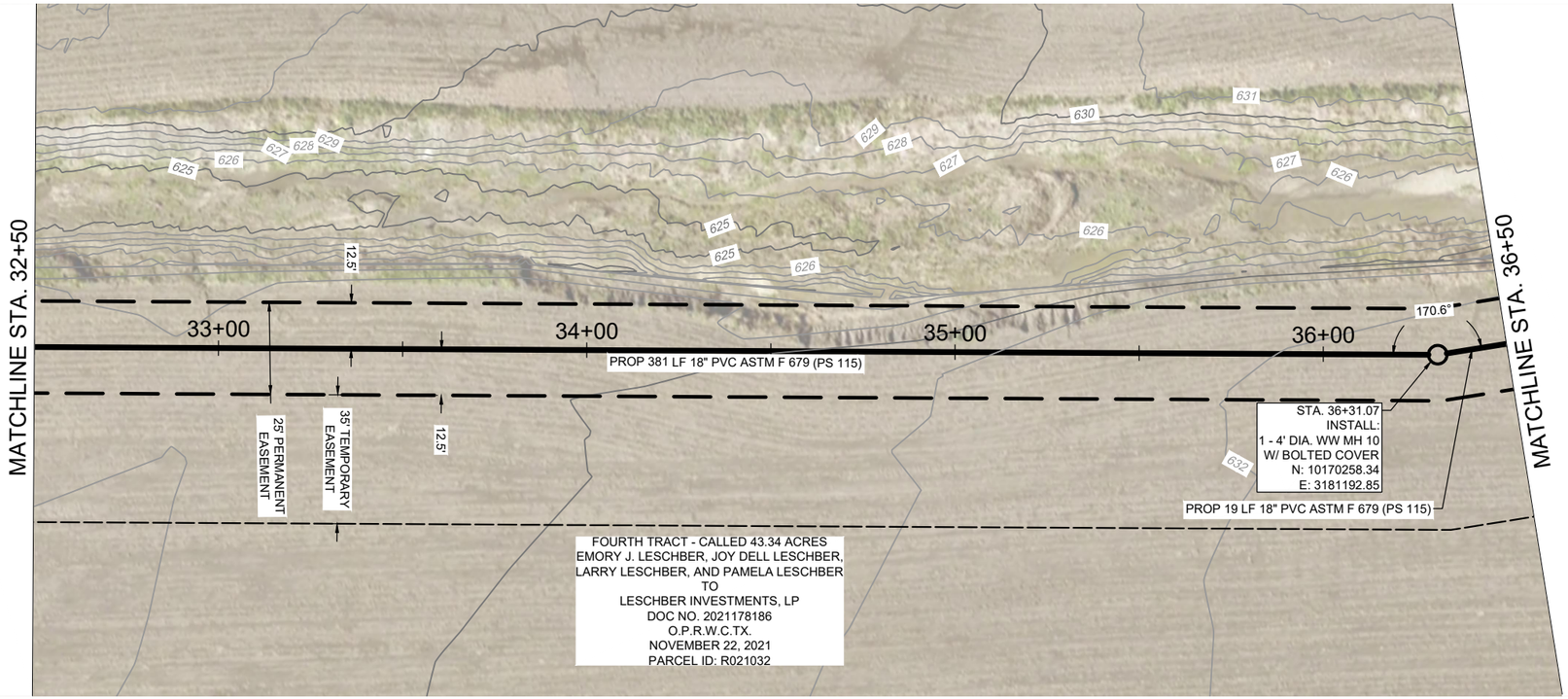
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 28+50 TO STA 32+50

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	15 OF 69

Printed: 9/9/2025 4:14 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 15 STA 28+50 TO STA 32+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



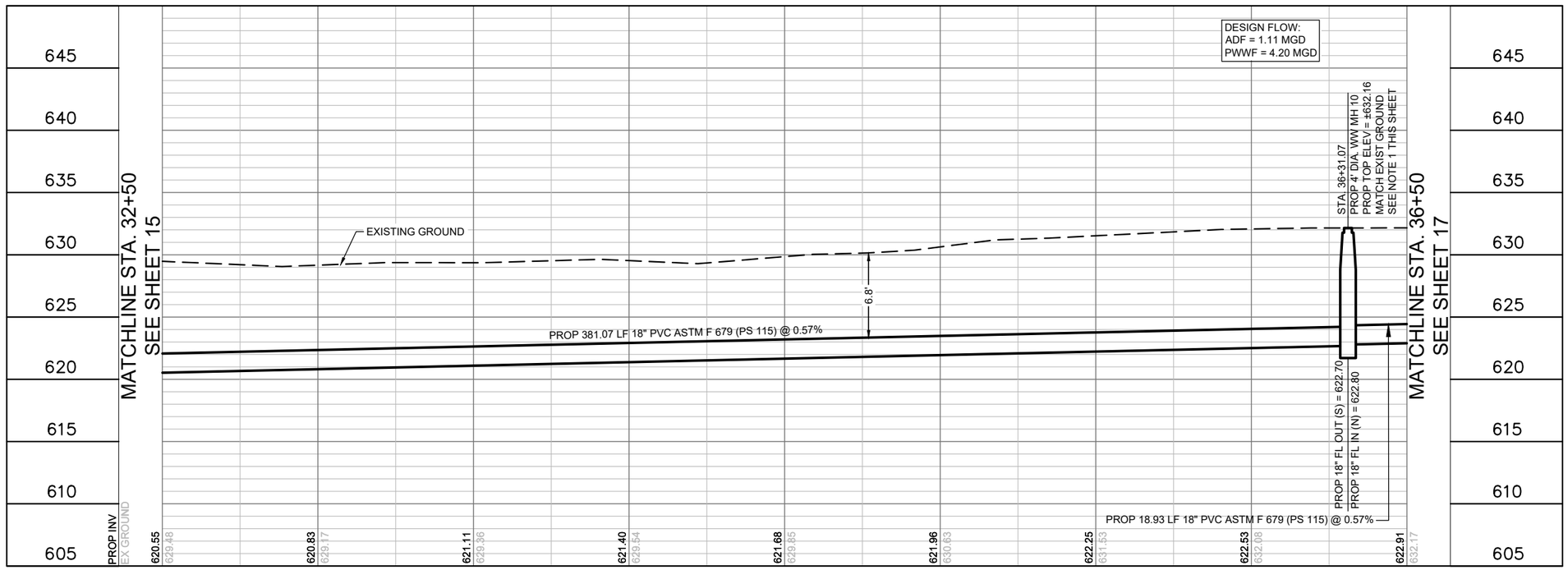
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN —EX-CRD—
- EXIST NATURAL GAS MAIN —EX-NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX-OHE—
- EXIST STORM DRAIN —EX-18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:
1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.57%	3.59 FT/S	5.02 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.
DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

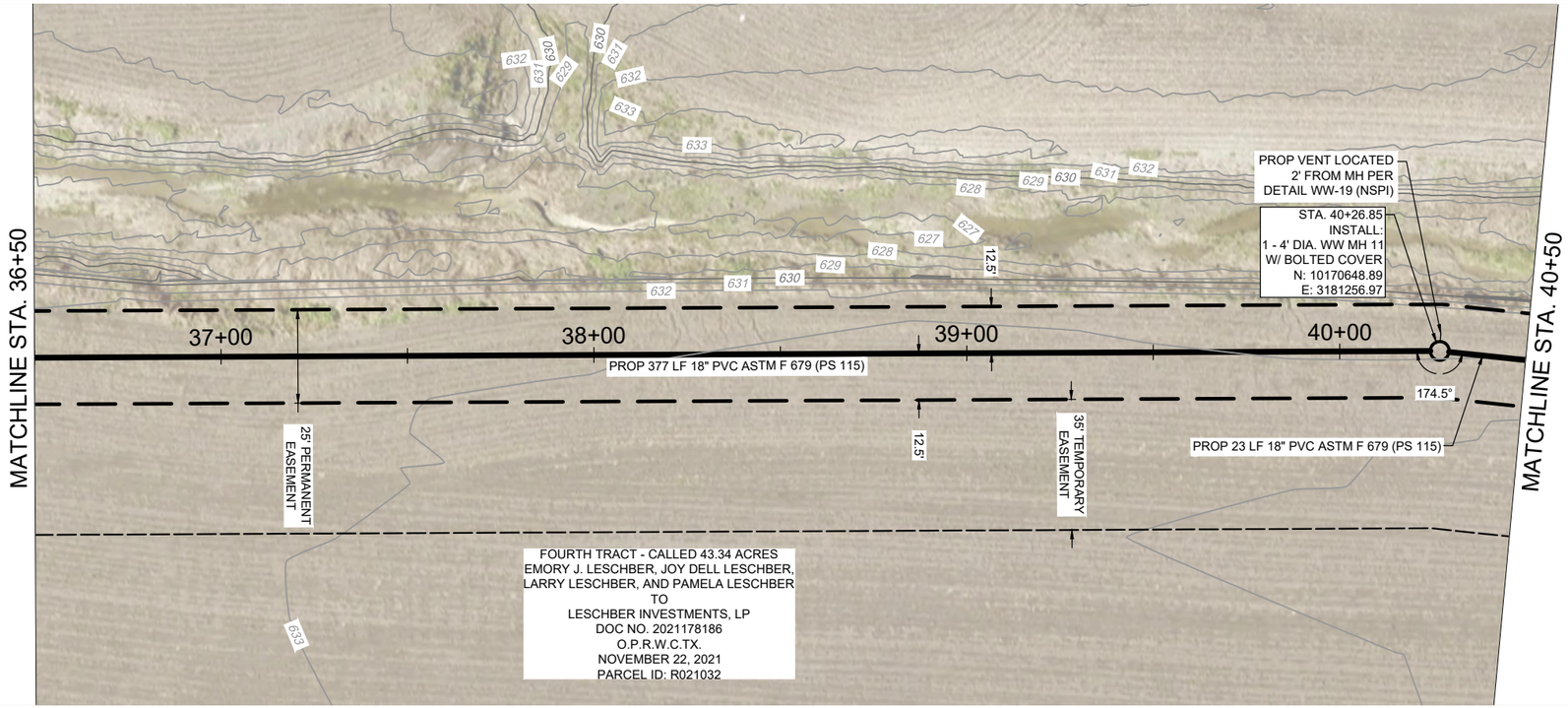
PLAN AND PROFILE
STA 32+50 TO STA 36+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	16 OF 69

Printed: 9/9/2025 4:14 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 16 STA 32+50 TO STA 36+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



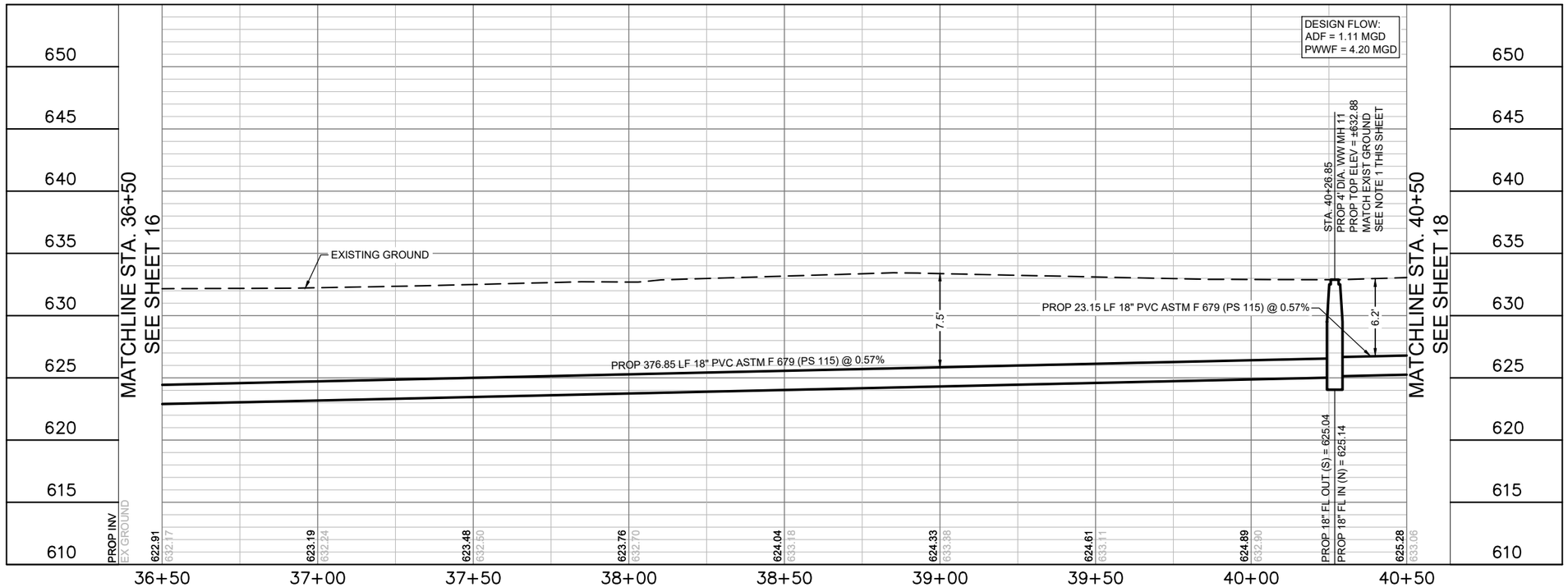
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:
1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.57%	3.59 FT/S	5.02 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.
DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

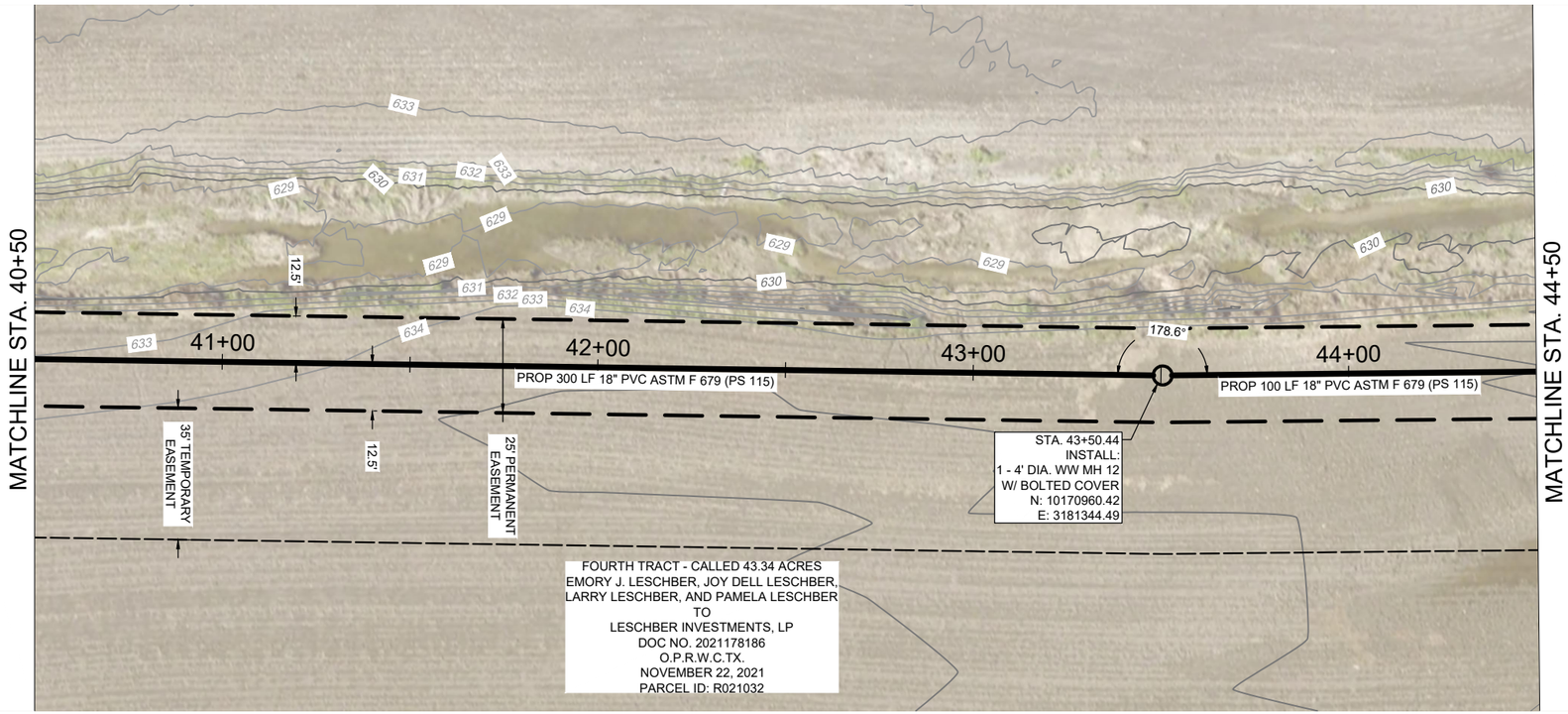
PLAN AND PROFILE
STA 36+50 TO STA 40+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	17 OF 69

Printed: 9/9/2025 4:14 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 17 STA 36+50 TO STA 40+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



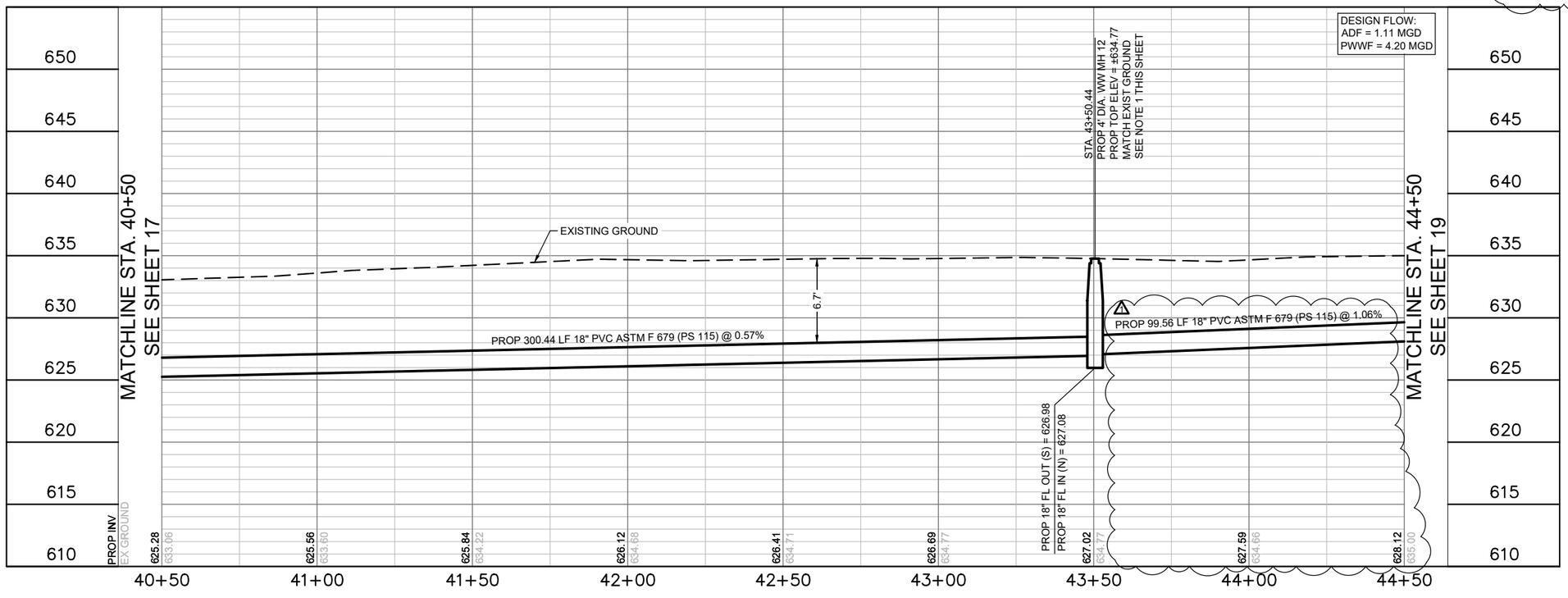
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:
1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.57%	3.59 FT/S	5.02 FT/S
1.05%	4.46 FT/S	6.39 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	10/10/24	CRUDE OIL UPDATES

RECORD DRAWING
THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.
BY: ANDREW FISCHER, P.E.
DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

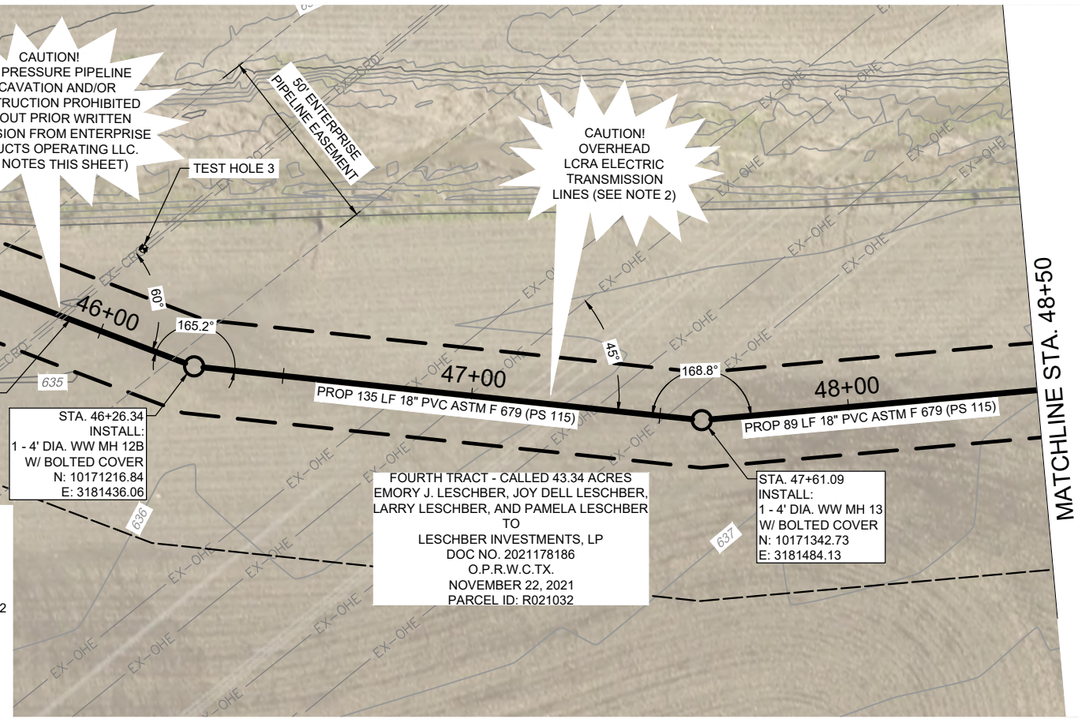
PLAN AND PROFILE
STA 40+50 TO STA 44+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	18 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 18 STA 40+50 TO STA 44+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



NOTES:

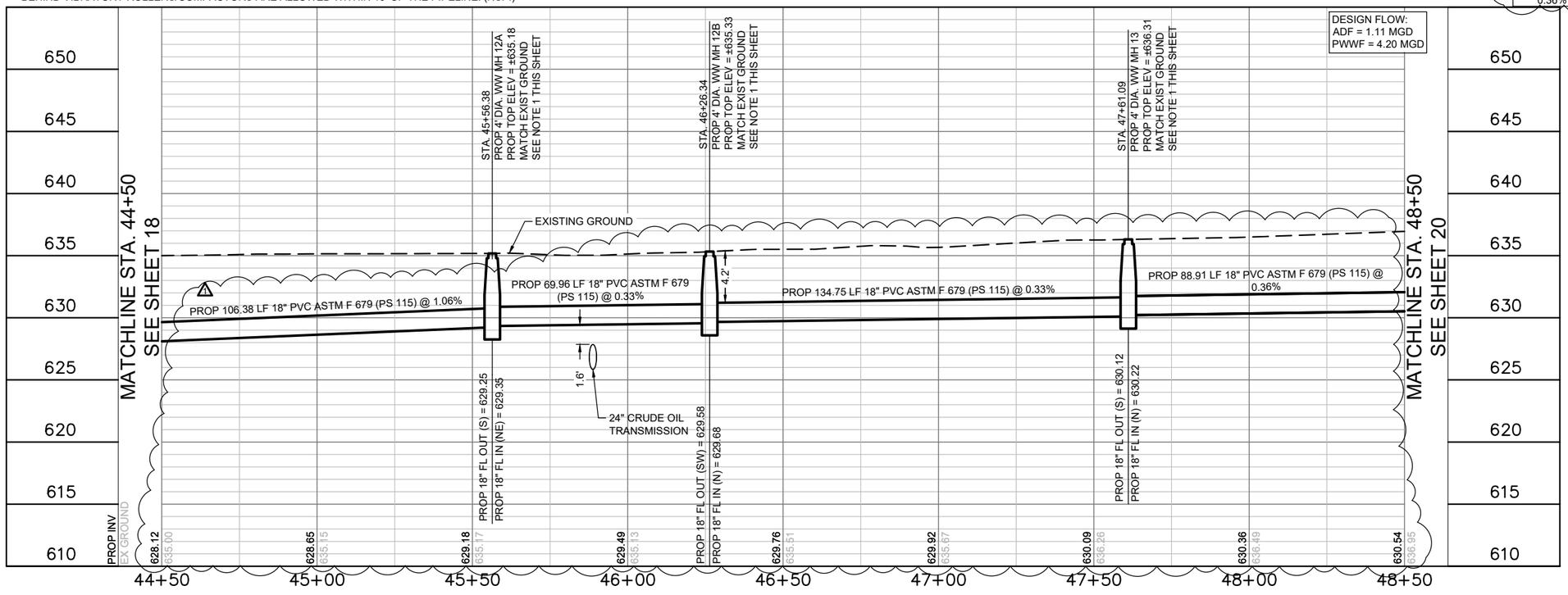
1. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04.
2. CONTRACTOR SHALL PROVIDE A 72 HOUR NOTICE TO LCRA PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
   CONTACT: JASON JECMENEK
   PHONE: 979-966-8124
3. CONTRACTOR SHALL PROTECT ENTERPRISE PIPELINE. CONTRACTOR SHALL PROVIDE A MINIMUM 72 HOUR NOTICE TO ENTERPRISE CRUDE PIPELINE REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, INCLUDING CROSSING THE PIPELINE WITH HEAVY EQUIPMENT.
   CONTACT: BRANDON MOBLEY
   PHONE: 979-337-7870
4. WARNING TAPE SHALL BE PLACED ABOVE THE SEWER PIPE IN ACCORDANCE WITH THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) UNIFORM COLOR CODE, LOCATED 12" BELOW GROUND AND EXTEND AT LEAST 20' EACH DIRECTION OF THE CROSSING POINT. CONTRACTOR SHALL PLACE FOREIGN UTILITY MARKER-SIGN POSTS AT THE EDGES OF THE ENTERPRISE EASEMENT. (NSPI)
5. CONTRACTOR SHALL PLACE TIMBER MATTING (OR OTHER SUITABLE MATERIAL) OF SUFFICIENT THICKNESS TO SUSTAIN THE EQUIPMENT (MINIMUM 8") ABOVE ENTERPRISE PIPELINE. ONLY WALK BEHIND VIBRATORY ROLLERS/COMPACTORS ARE ALLOWED WITHIN 10' OF THE PIPELINE. (NSPI)

0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
1.05%	4.46 FT/S	6.39 FT/S
0.33%	2.95 FT/S	3.75 FT/S
0.36%	3.03 FT/S	4.07 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	10/10/24	CRUDE OIL UPDATES

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

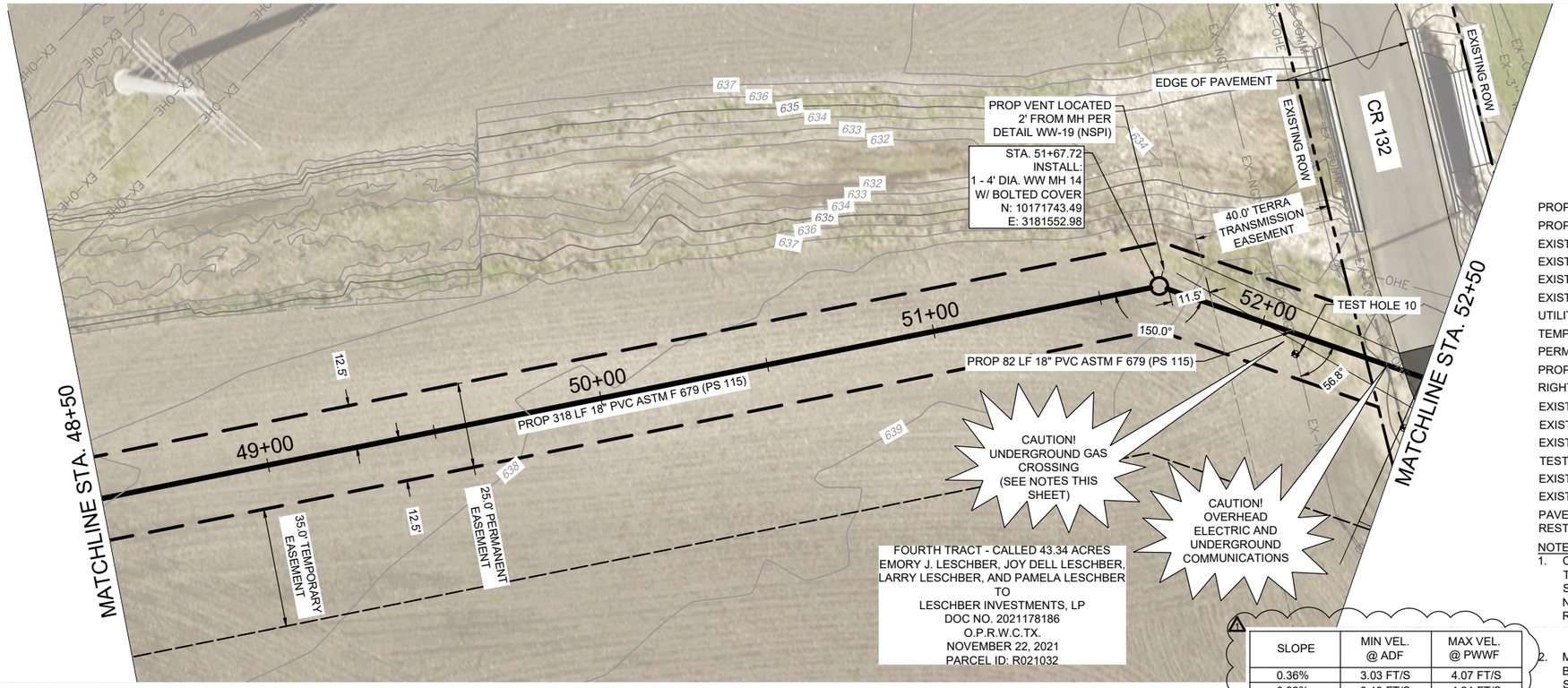
PLAN AND PROFILE
STA 44+50 TO STA 48+50

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	19 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR01 Layout: 19 STA 44+50 TO STA 48+50 Saved: 9/9/2025 3:51 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



0' 20' 40' (H)
0' 5' 10' (V)

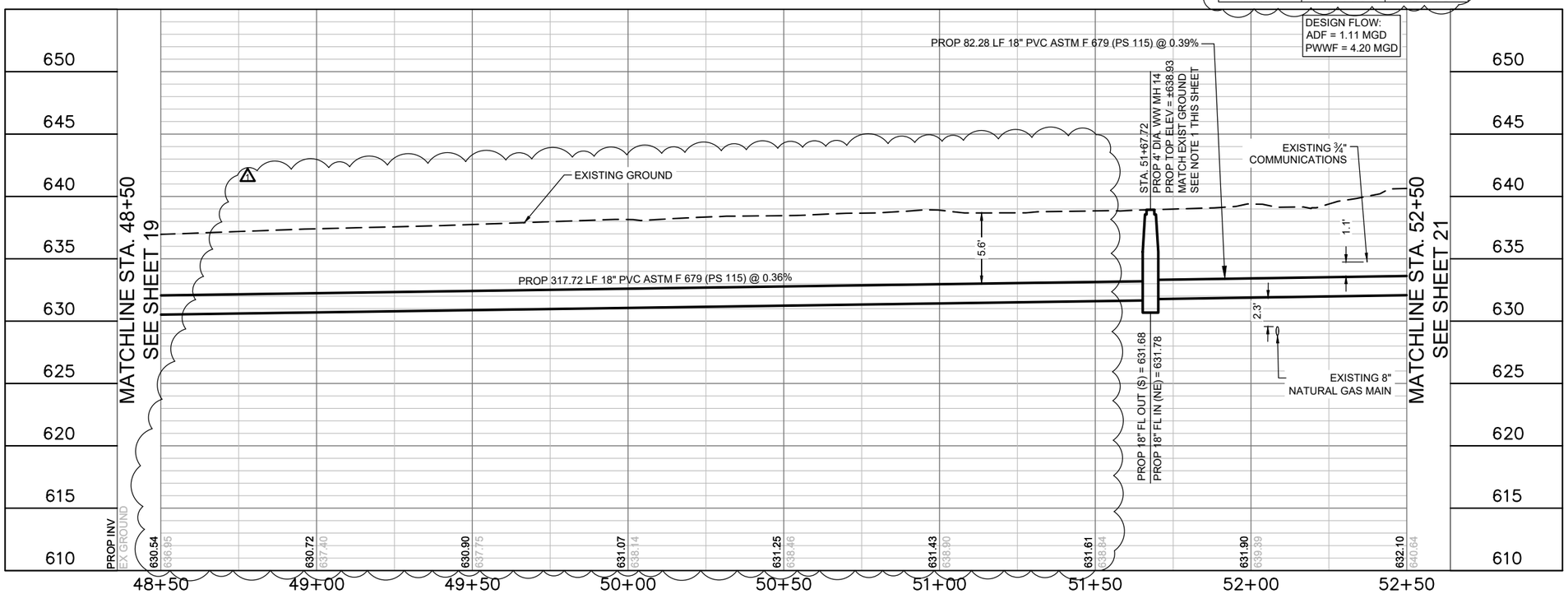
LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:

1. CONTRACTOR SHALL PROTECT TERRA TRANSMISSION PIPELINE. CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO TERRA TRANSMISSION REPRESENTATIVE FOR EXCAVATION.
   CONTACT: ROMAN GUTIERREZ
   PHONE: 512-550-5309
2. MANHOLES OUTSIDE OF PAVEMENT. SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04.

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.36%	3.03 FT/S	4.07 FT/S
0.39%	3.13 FT/S	4.24 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	10/10/24	CRUDE OIL UPDATES

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.
DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746
(FIRM # 6535)

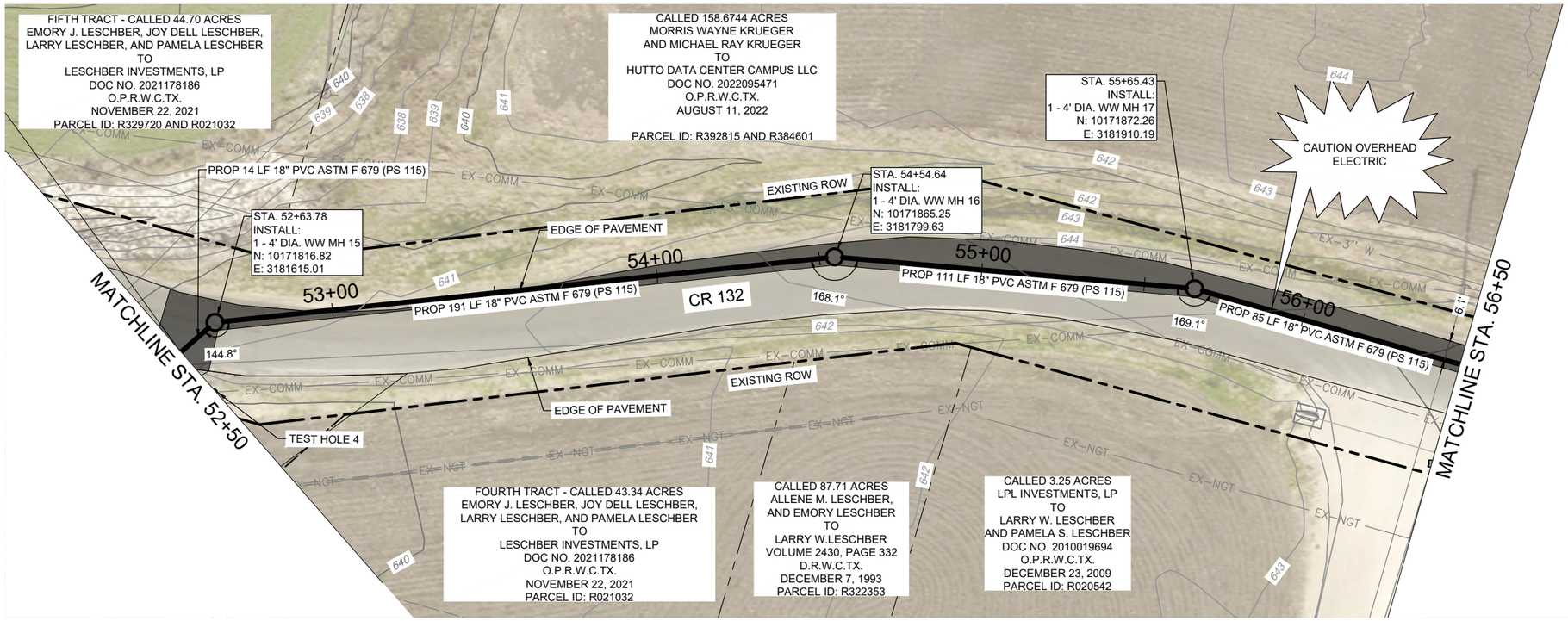
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 48+50 TO STA 52+50

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	20 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 20 STA 48+50 TO STA 52+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



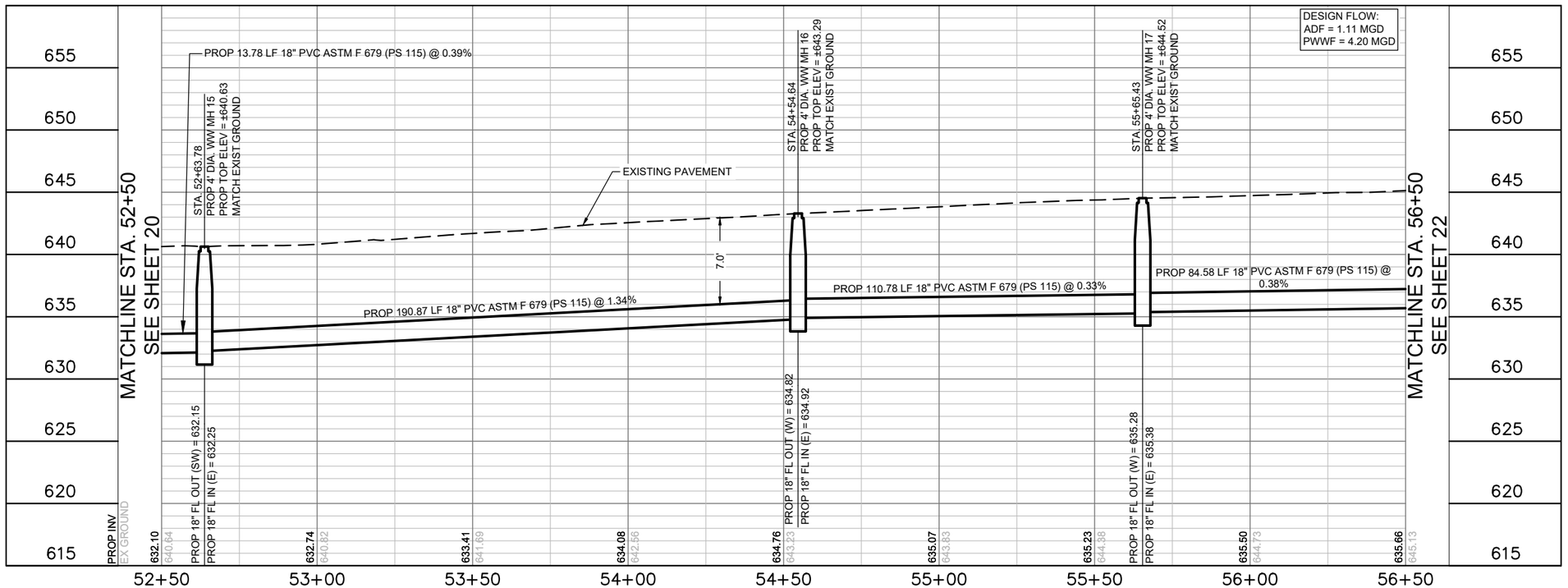
N

0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.39%	3.13 FT/S	4.24 FT/S
1.34%	4.87 FT/S	7.01 FT/S
0.33%	2.95 FT/S	3.81 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

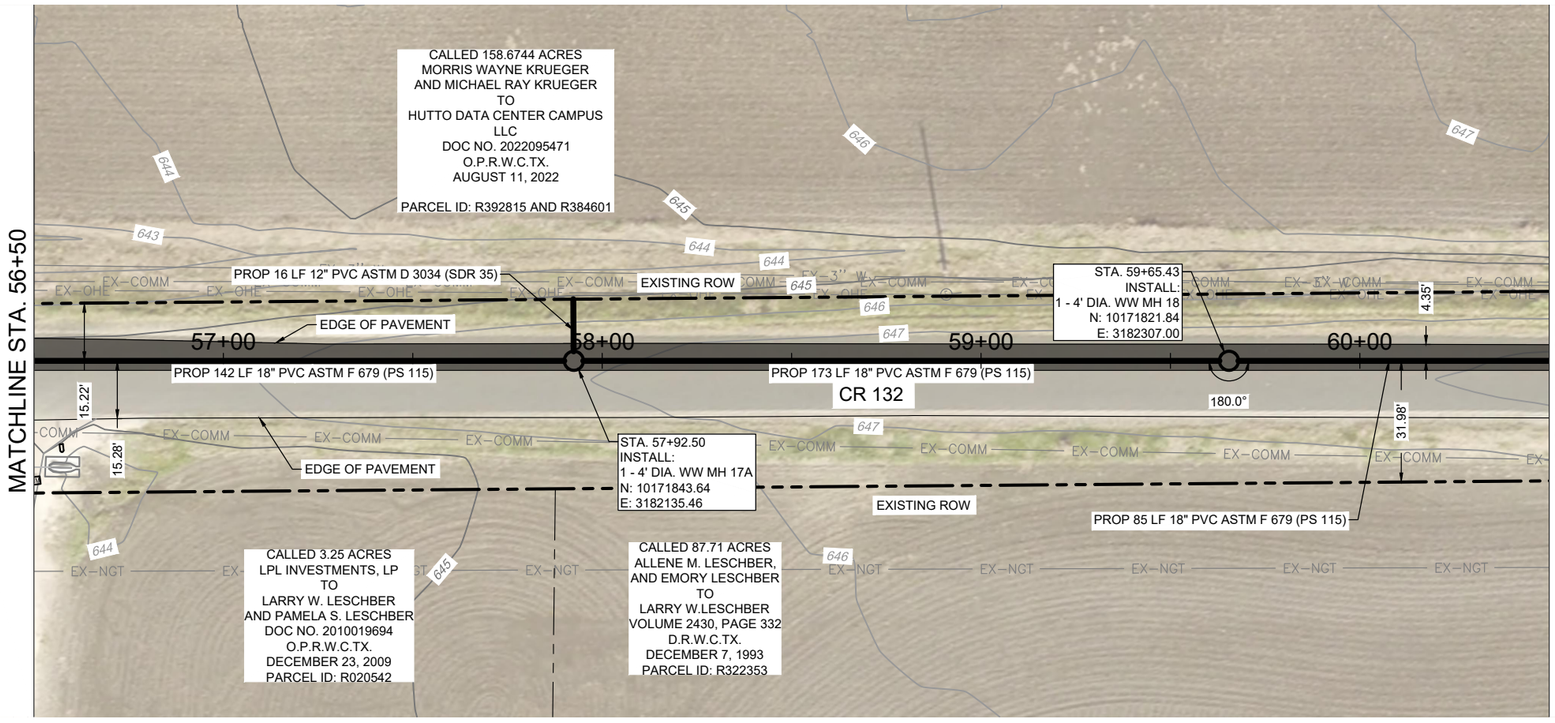
PLAN AND PROFILE
STA 52+50 TO STA 56+50

K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	21 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 21 STA 52+50 TO STA 56+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

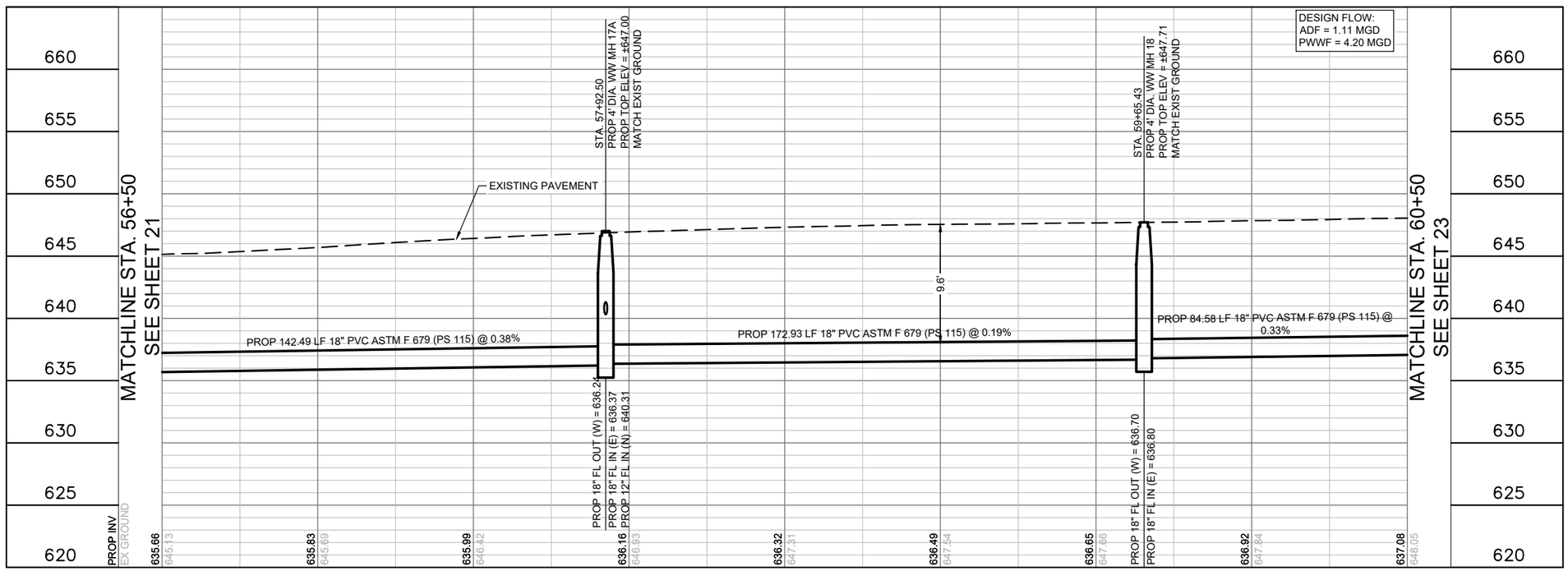


0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.81 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

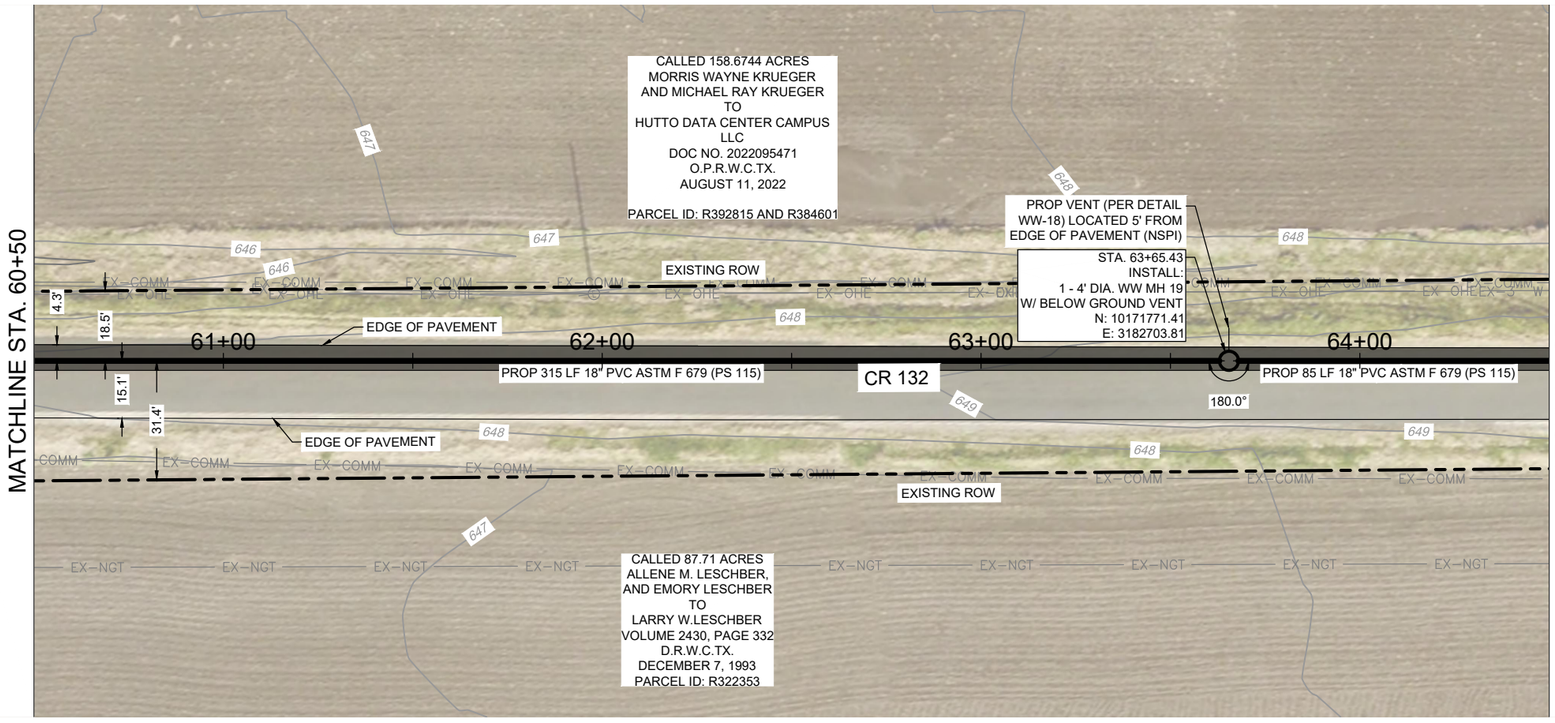
PLAN AND PROFILE
STA 56+50 TO STA 60+50

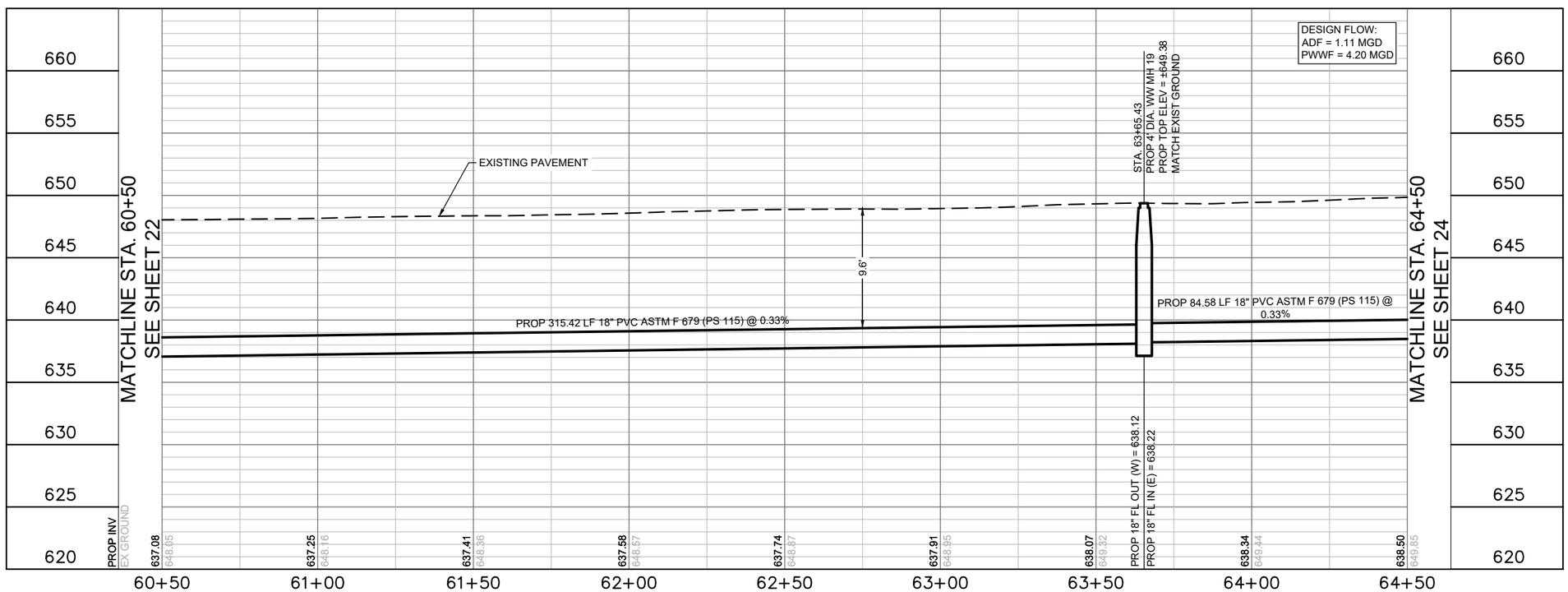
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	22 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 22 STA 56+50 TO STA 60+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW
- EXIST WATER MAIN — EX–4" W
- EXIST CRUDE OIL MAIN — EX–CRD
- EXIST NATURAL GAS MAIN — EX–NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE
- EXIST STORM DRAIN — EX–18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.81 FT/S

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

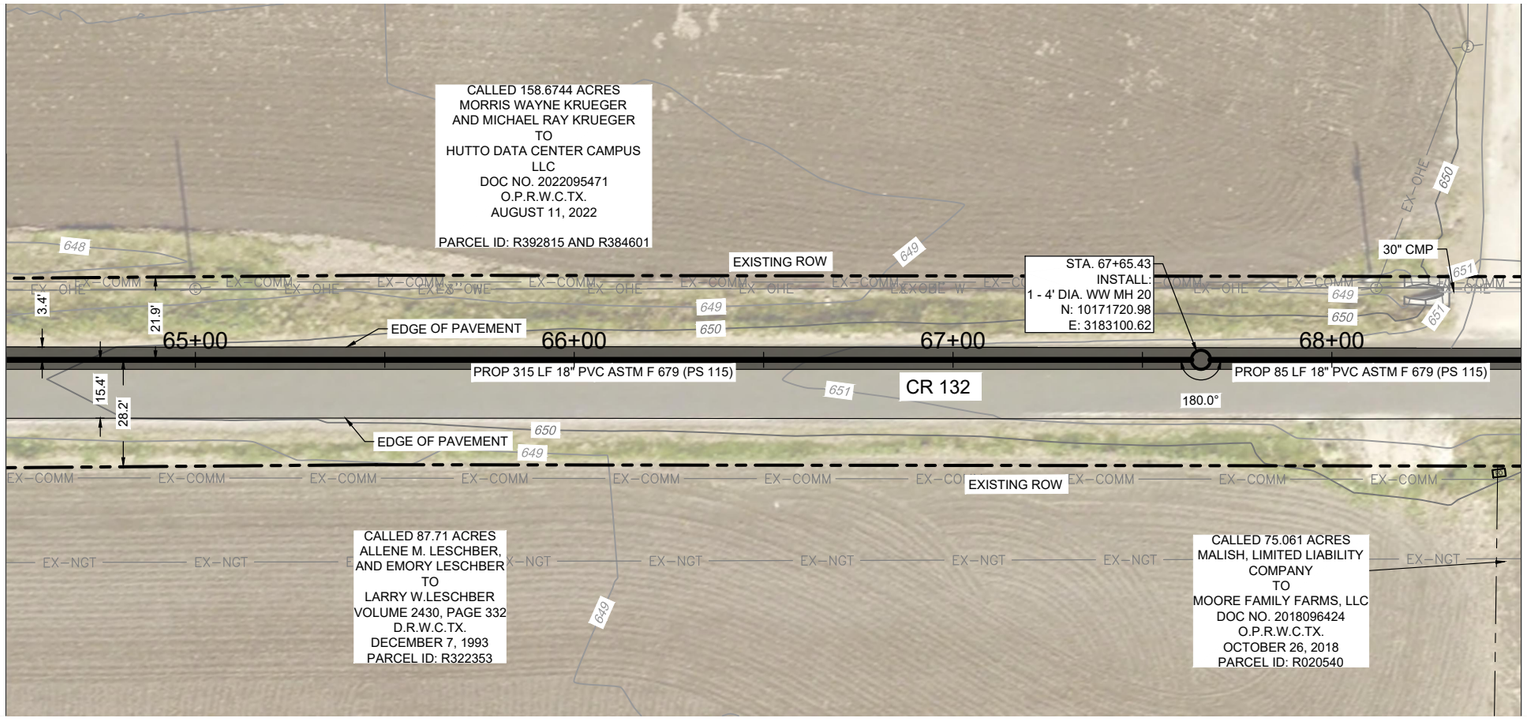
PLAN AND PROFILE
STA 60+50 TO STA 64+50

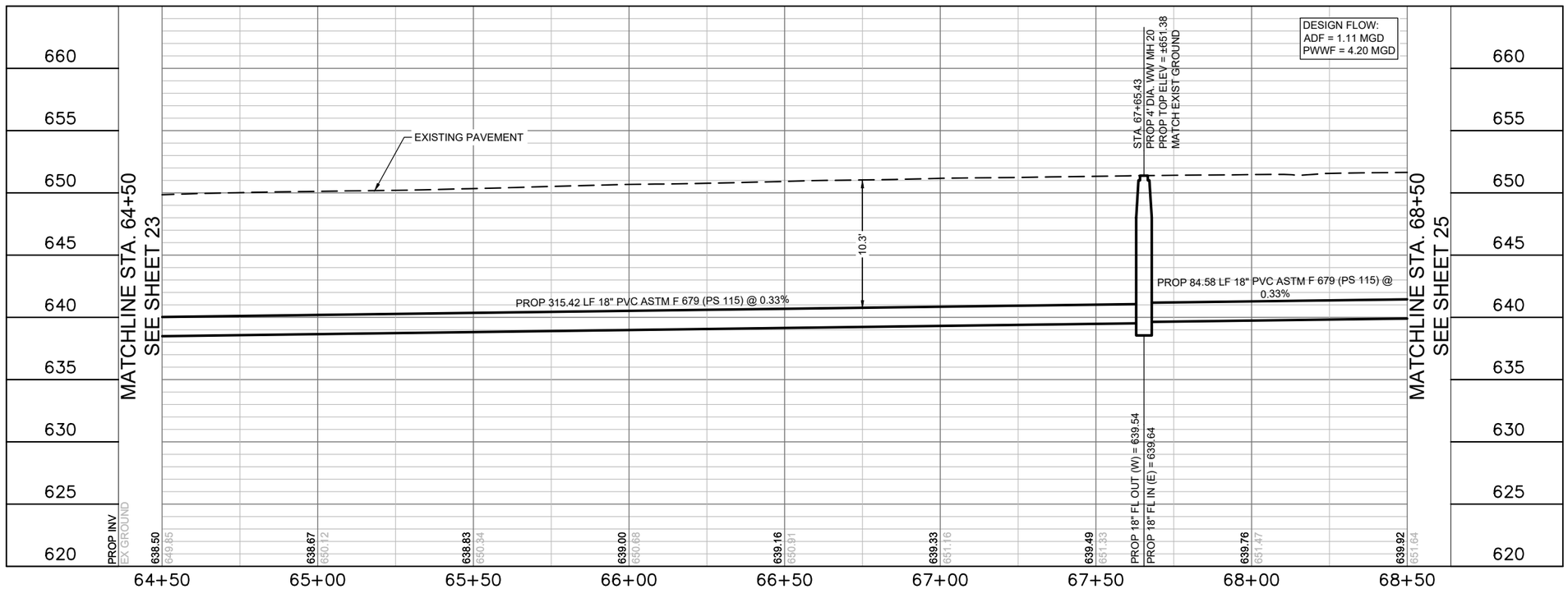
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	23 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 23 STA 60+50 TO STA 64+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.81 FT/S

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

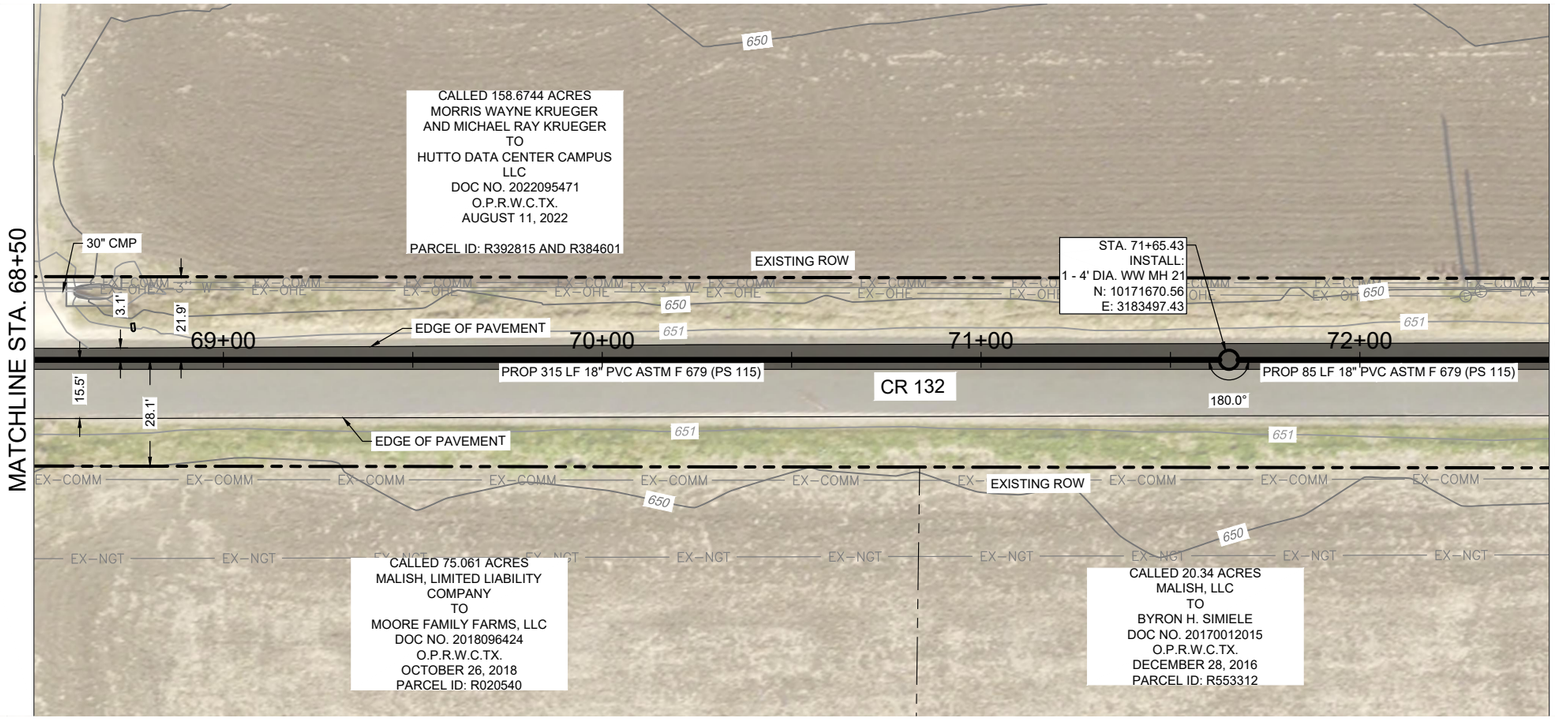
PLAN AND PROFILE
STA 64+50 TO STA 68+50

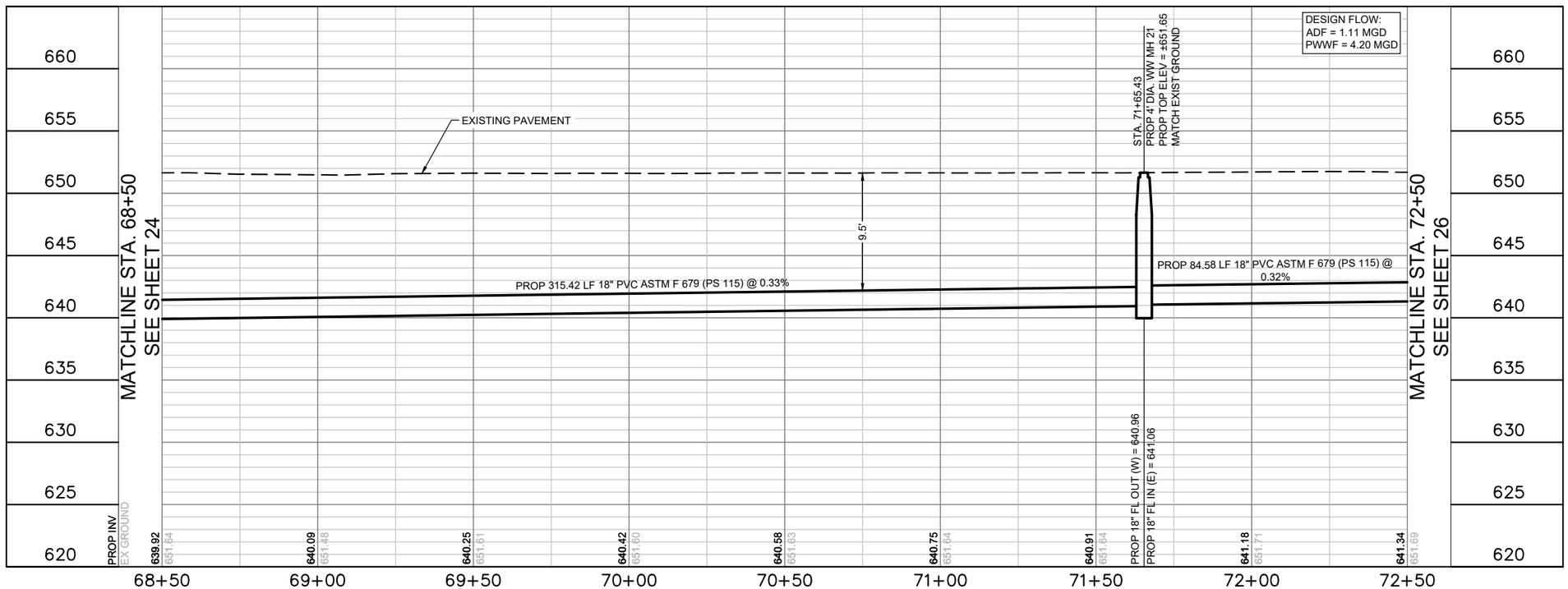
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	24 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 24 STA 64+50 TO STA 68+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.81 FT/S

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
(FIRM # 6535)

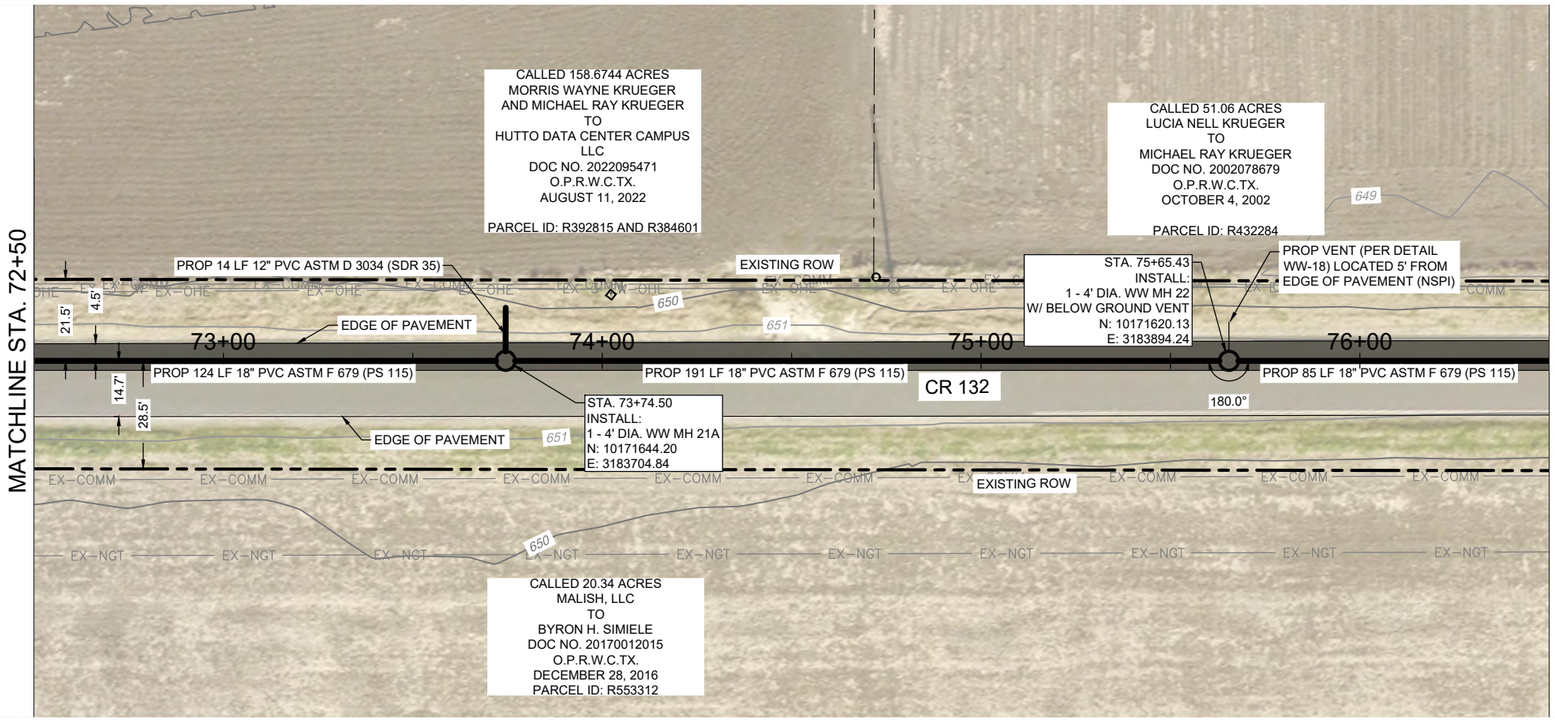
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 68+50 TO STA 72+50

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	25 OF 69

Printed: 9/9/2025 4:15 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 25 STA 68+50 TO STA 72+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

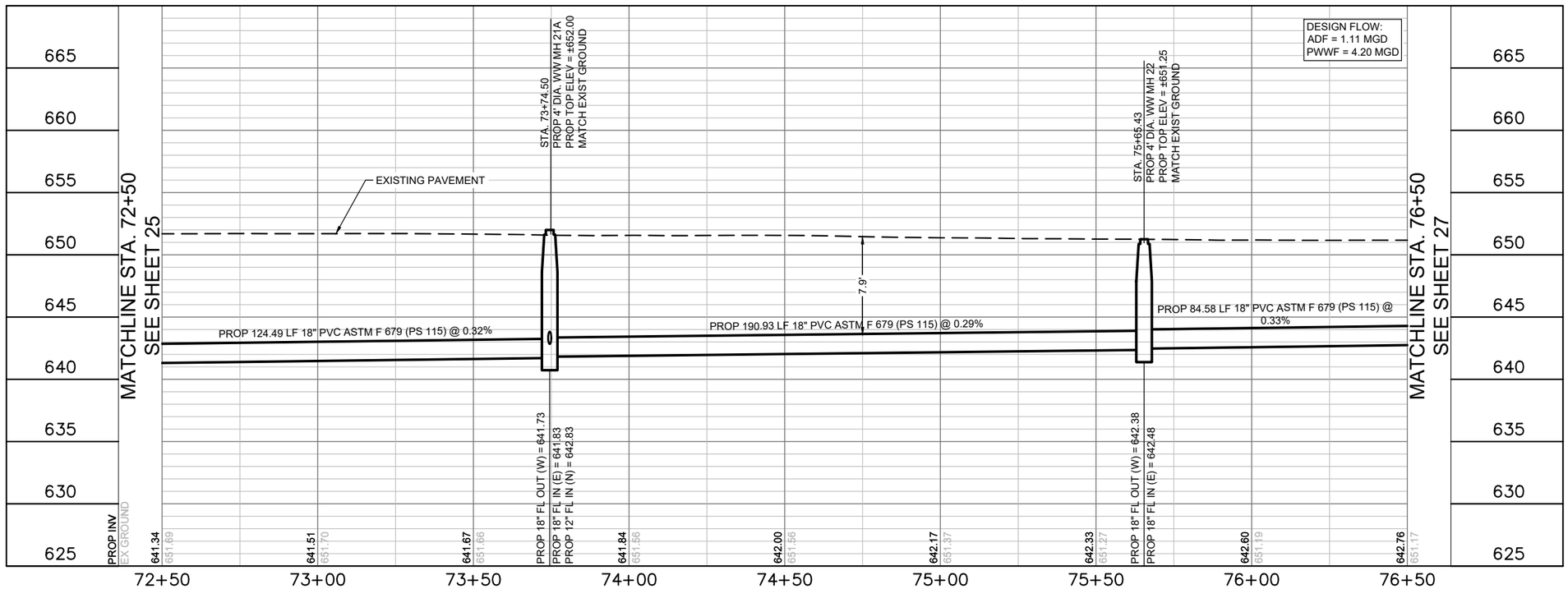


0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW
- EXIST WATER MAIN — EX–4" W
- EXIST CRUDE OIL MAIN — EX–CRD
- EXIST NATURAL GAS MAIN — EX–NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE
- EXIST STORM DRAIN — EX–18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.81 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.
DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

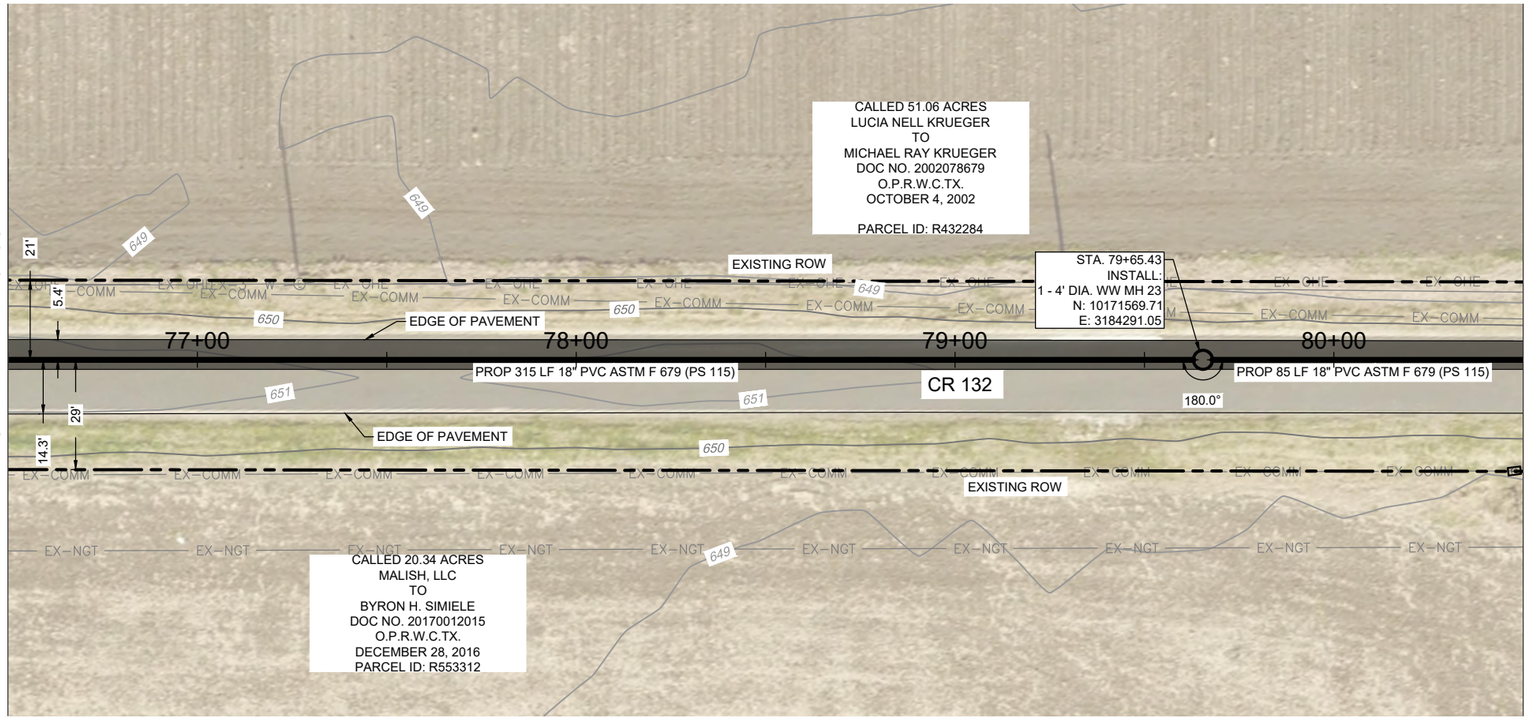
PLAN AND PROFILE
STA 72+50 TO STA 76+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	26 OF 69

Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 26 STA 72+50 TO STA 76+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

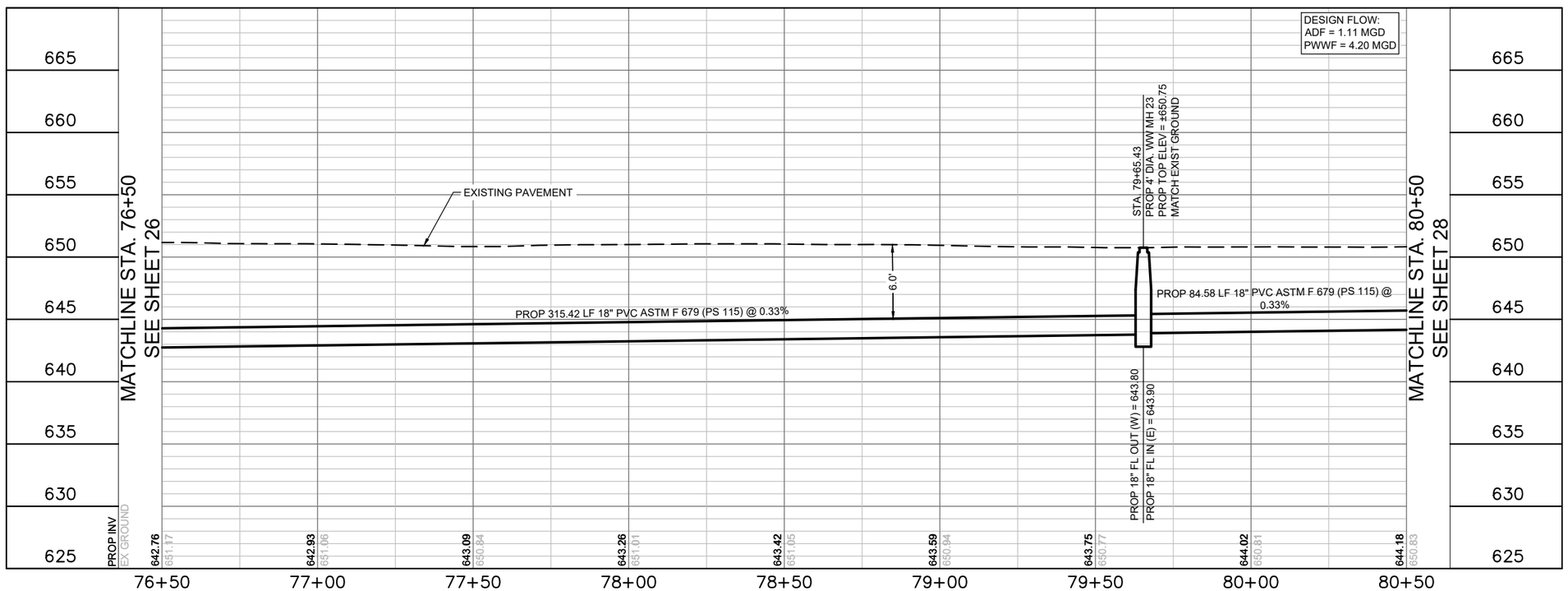


0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.81 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
(FIRM # 6535)

CITY OF HUTTO

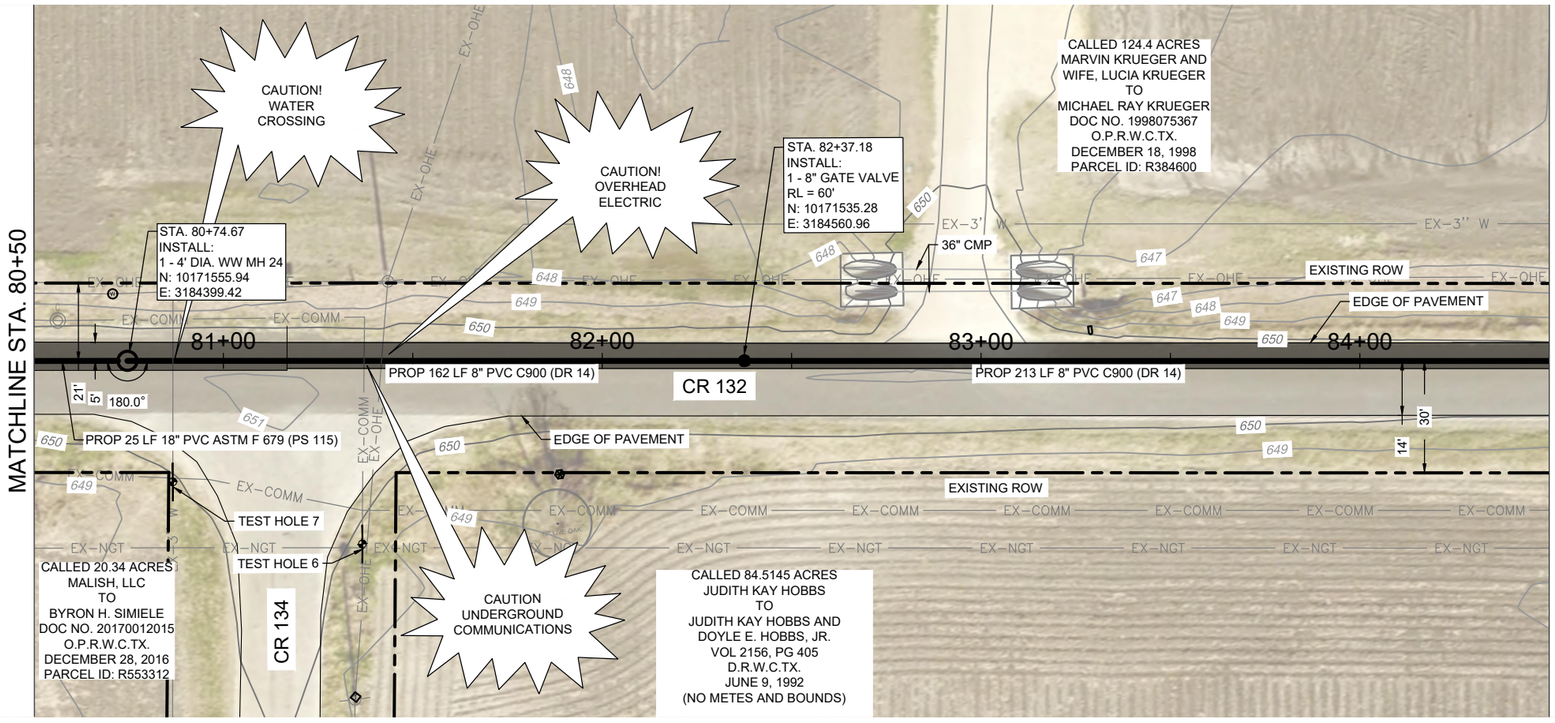
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 76+50 TO STA 80+50

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	27 OF 69

Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 27 STA 76+50 TO STA 80+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

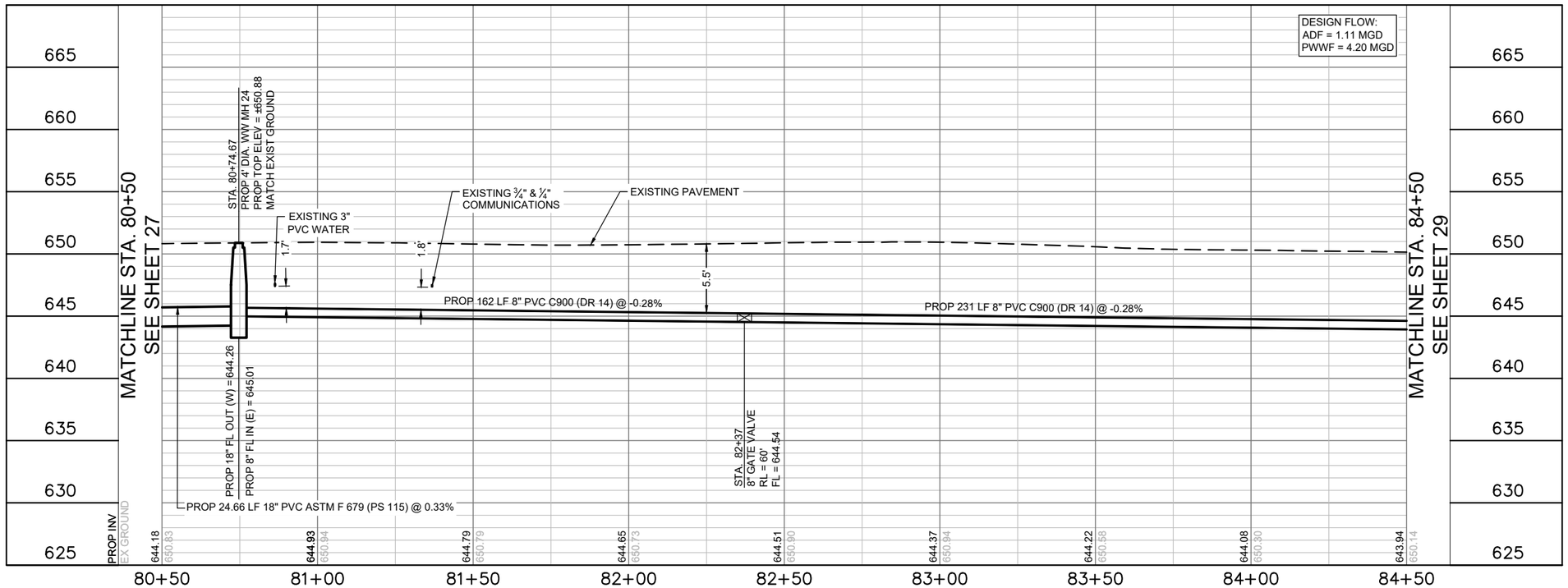


0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER
- EXIST WATER MAIN
- EXIST CRUDE OIL MAIN
- EXIST NATURAL GAS MAIN
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC
- EXIST STORM DRAIN
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

SLOPE	MIN VEL. @ ADF	MAX VEL. @ PWWF
0.33%	2.95 FT/S	3.81 FT/S



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

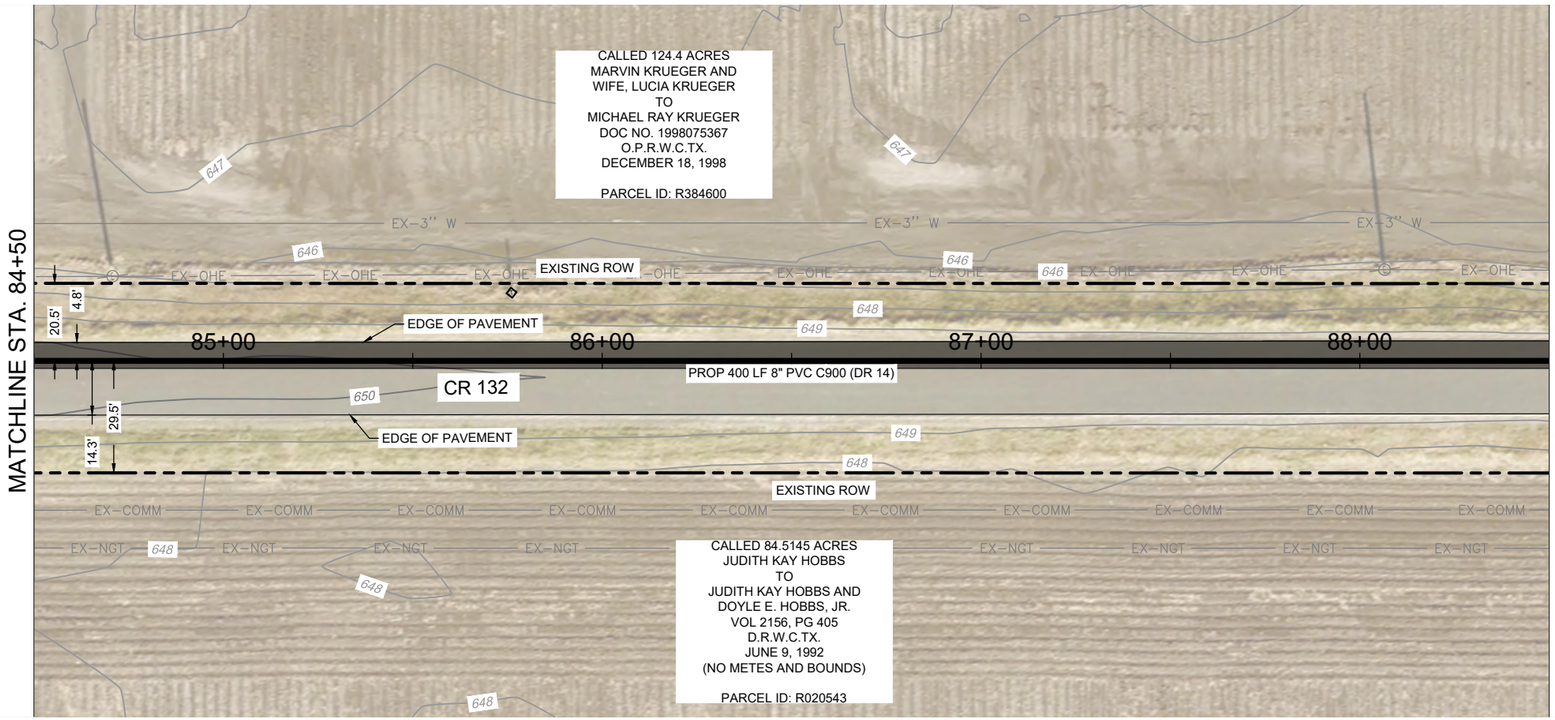
PLAN AND PROFILE
STA 80+50 TO STA 84+50

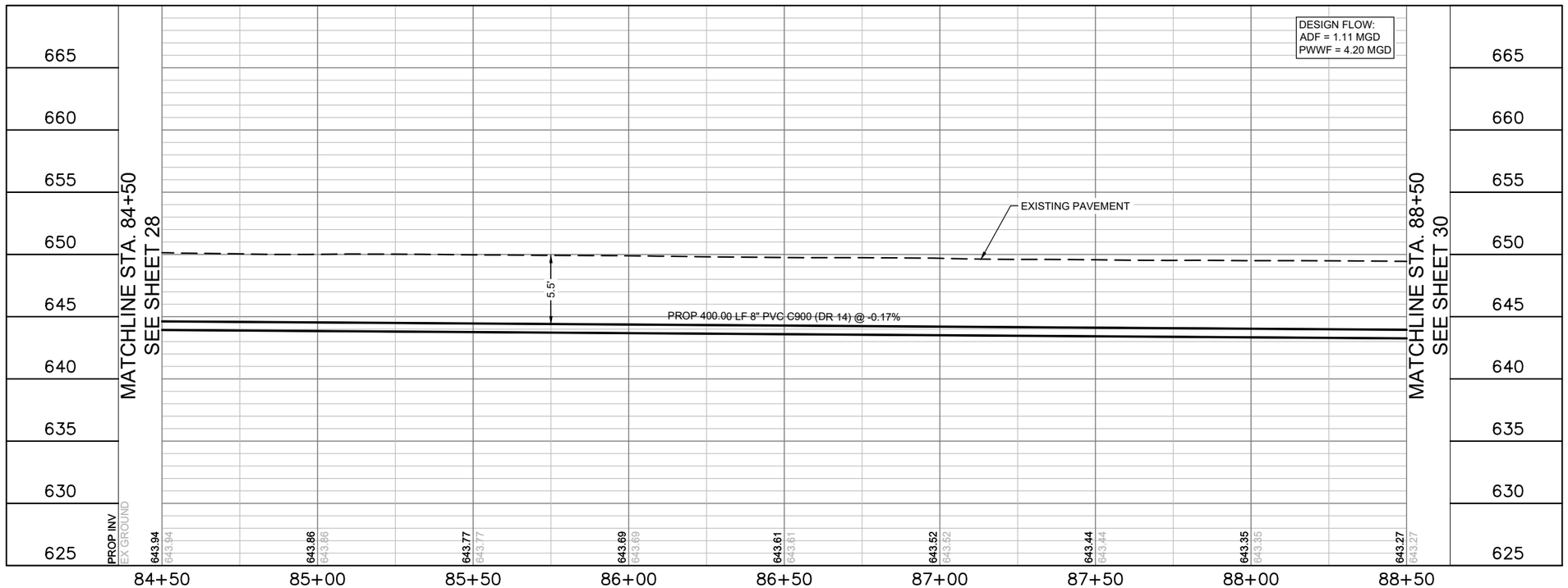
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

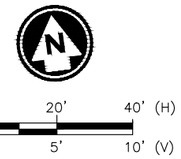
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	28 OF 69

Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 28 STA 80+50 TO STA 84+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

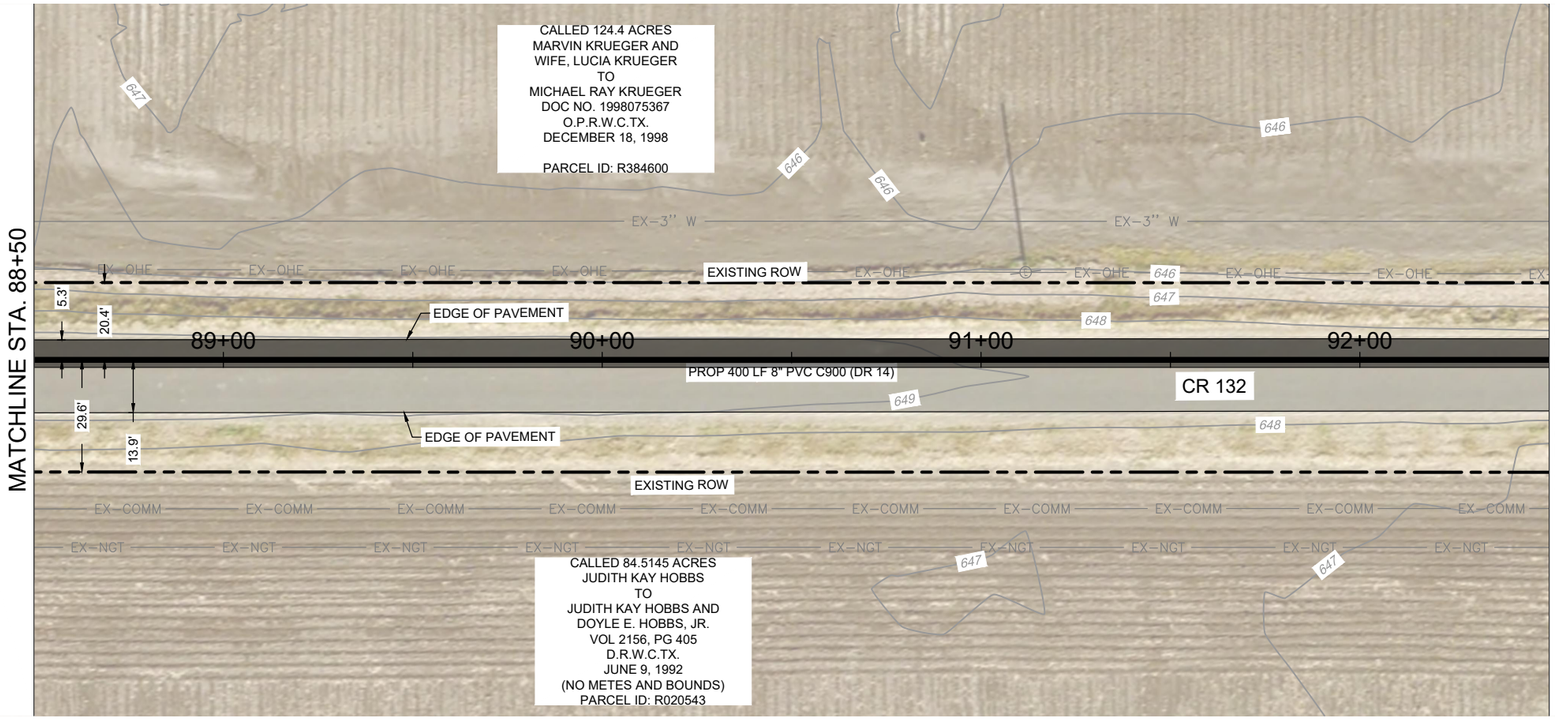
PLAN AND PROFILE
STA 84+50 TO STA 88+50

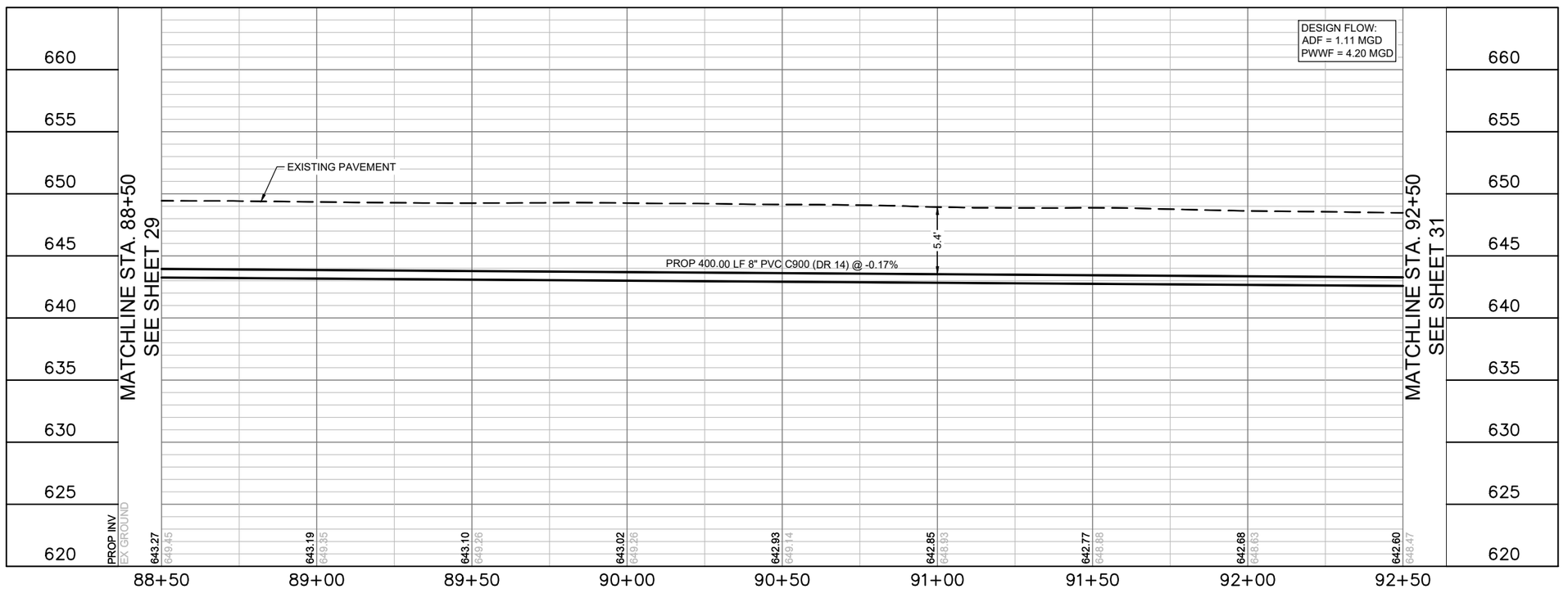
K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	29 OF 69

Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR02 Layout: 29 STA 84+50 TO STA 88+50 Saved: 9/9/2025 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN —EX-CRD—
- EXIST NATURAL GAS MAIN —EX-NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX-OHE—
- EXIST STORM DRAIN —EX-18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

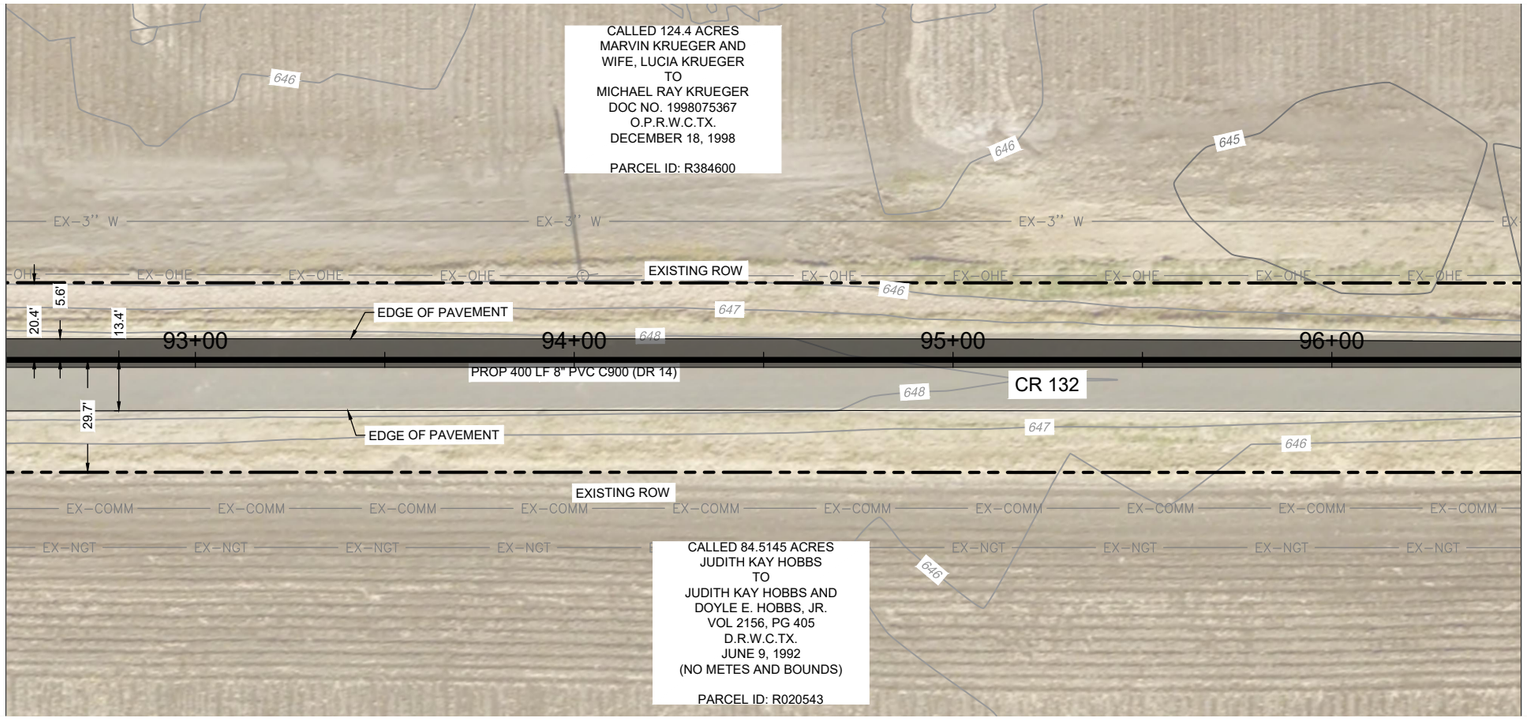
PLAN AND PROFILE
STA 88+50 TO STA 92+50

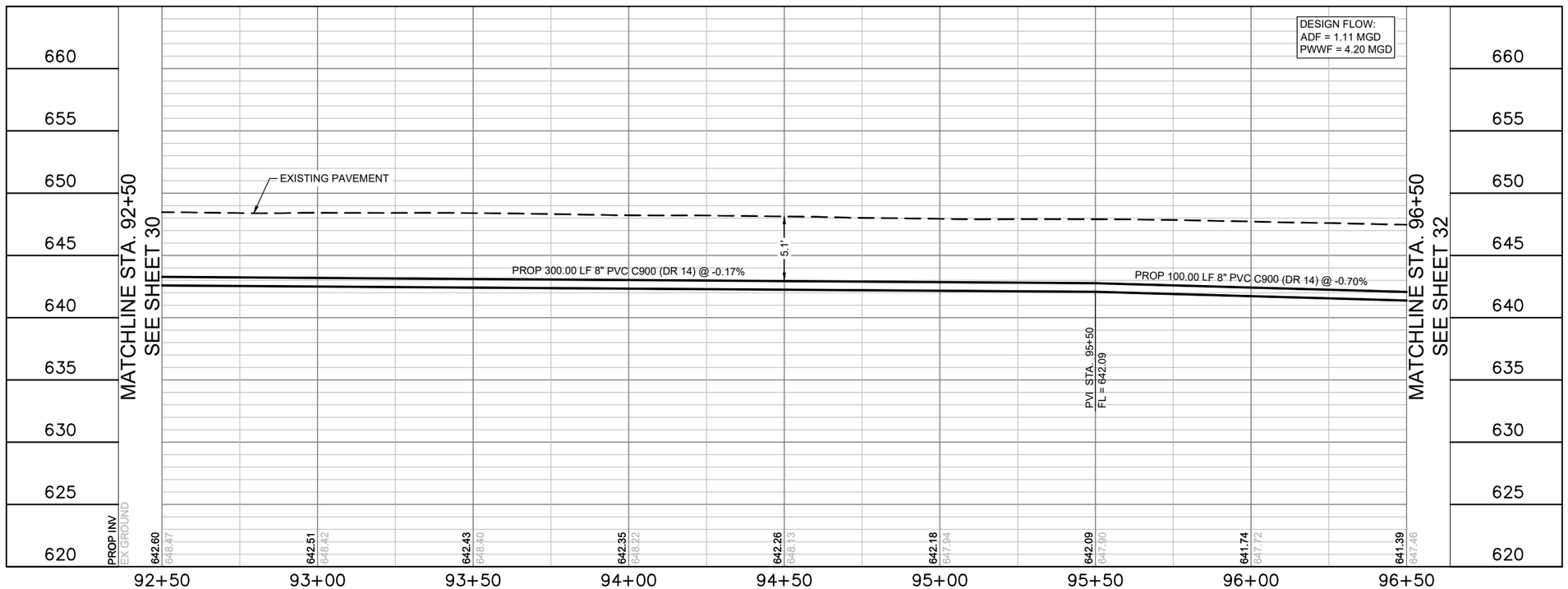
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	30 OF 69

Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 30 STA 88+50 TO STA 92+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

0' 20' 40' (H)
0' 5' 10' (V)

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

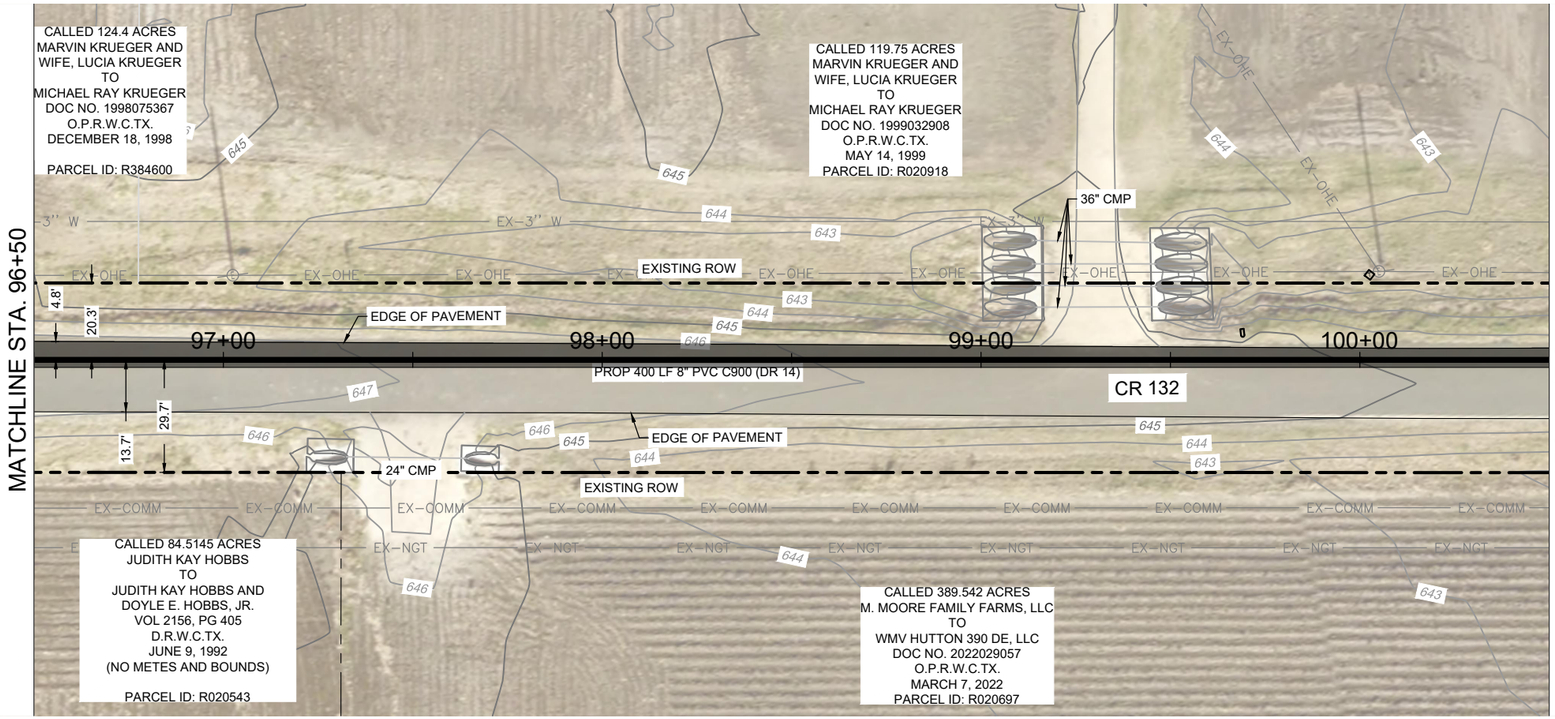
PLAN AND PROFILE
STA 92+50 TO STA 96+50

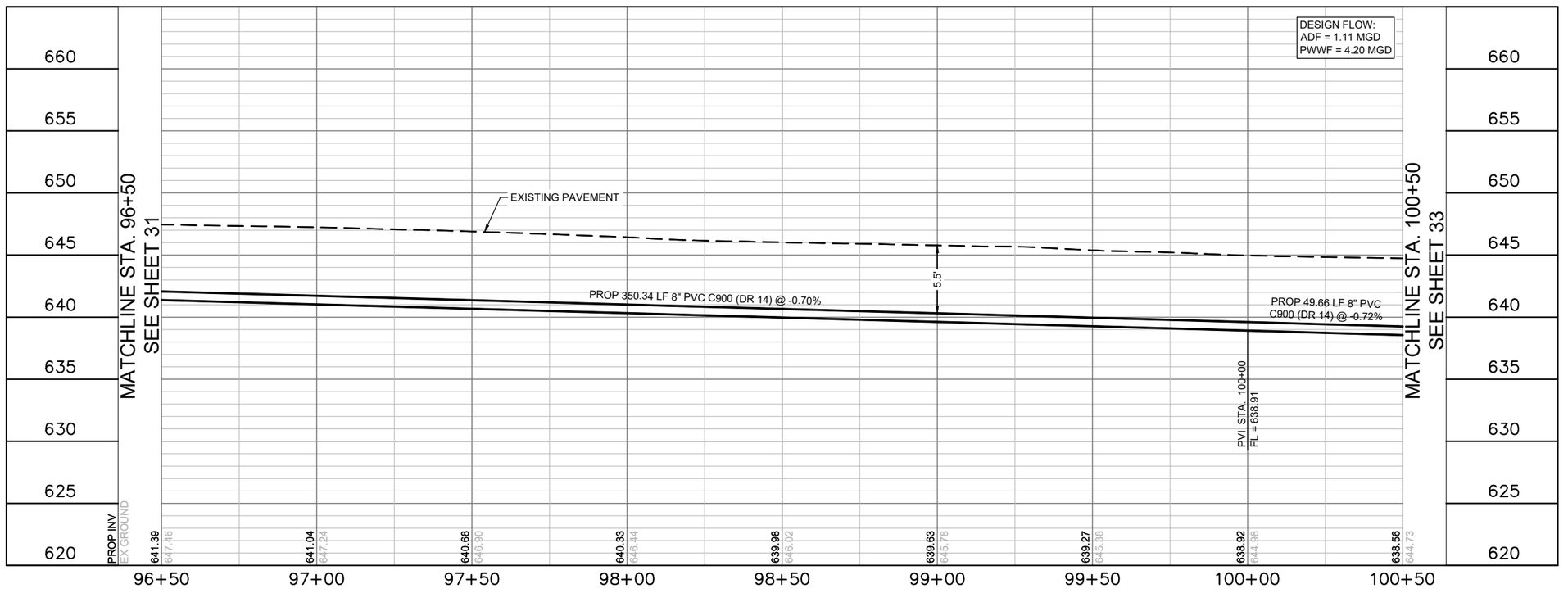
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

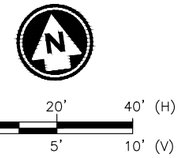
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	31 OF 69

Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 31 STA 92+50 TO STA 96+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 96+50 TO STA 100+50

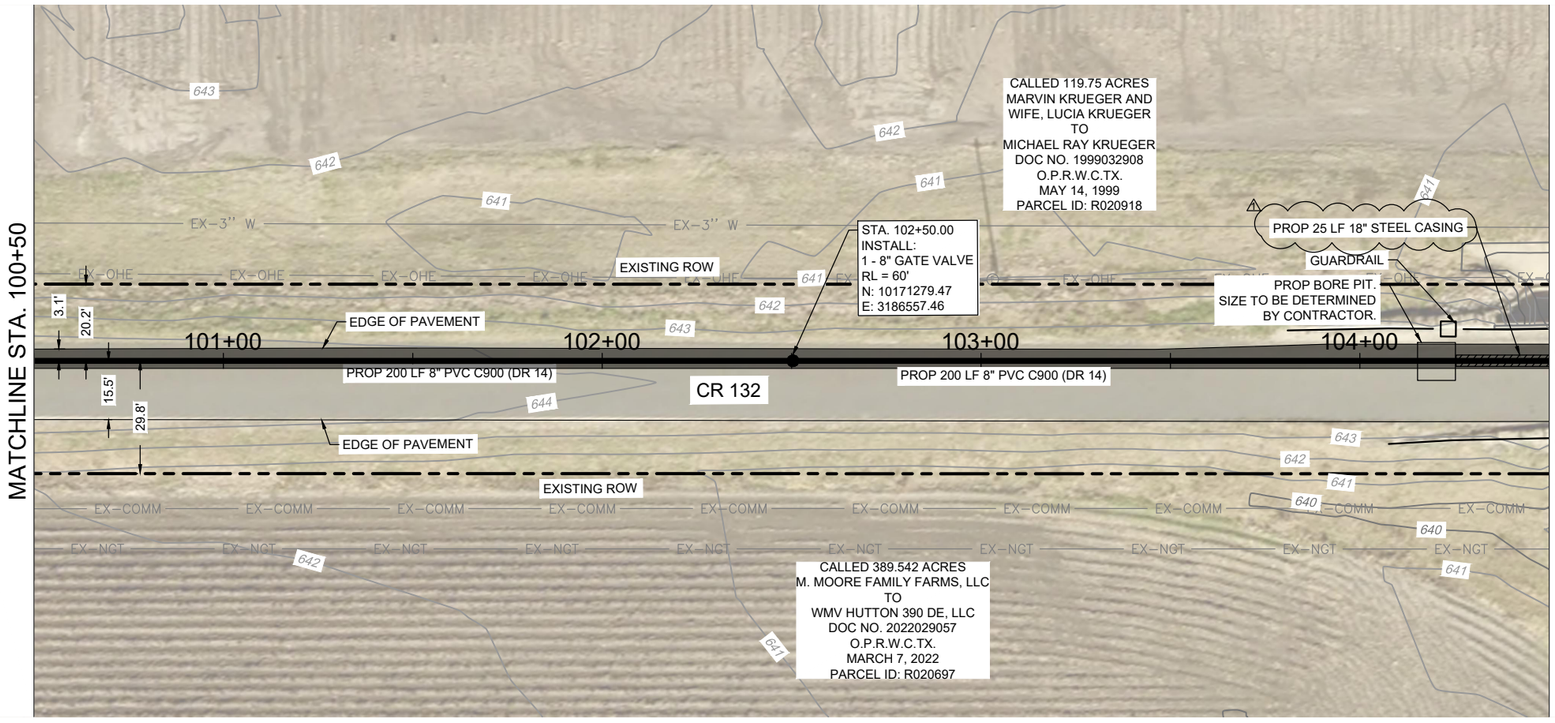
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

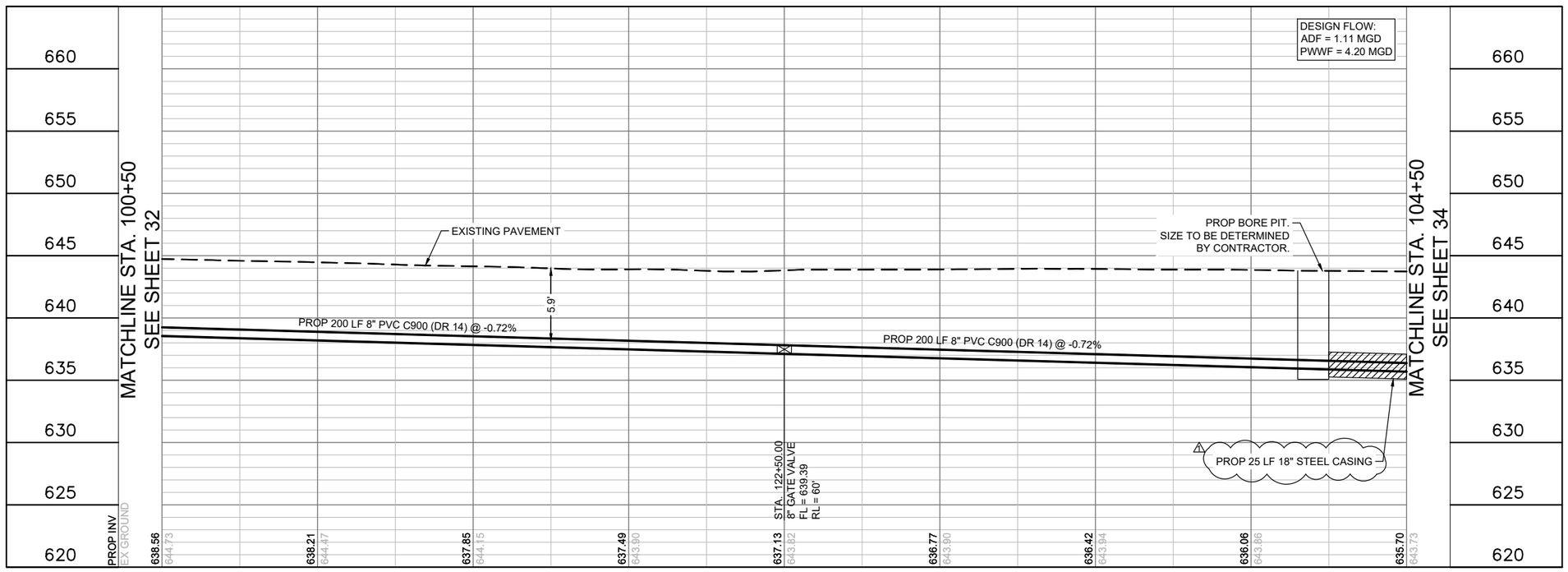
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	32 OF 69

Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 32 STA 96+50 TO STA 100+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer

Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX-8" WW
- EXIST WATER MAIN — EX-4" W
- EXIST CRUDE OIL MAIN — EX-CRD
- EXIST NATURAL GAS MAIN — EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX-OHE
- EXIST STORM DRAIN — EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

MEGASITE WW07-2023 WASTEWATER PIPELINE

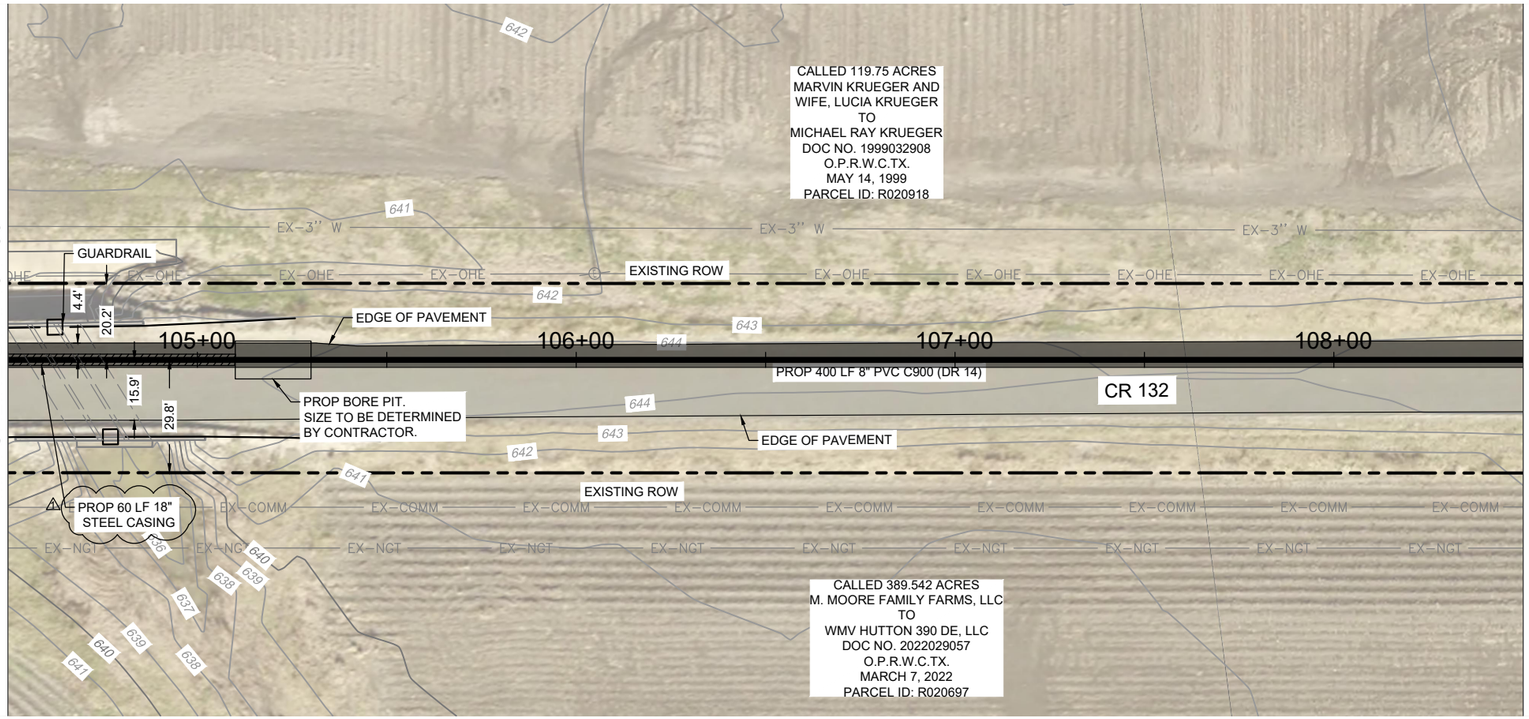
PLAN AND PROFILE
STA 100+50 TO STA 104+50

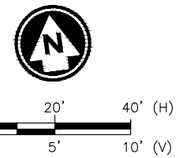
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	33 OF 69

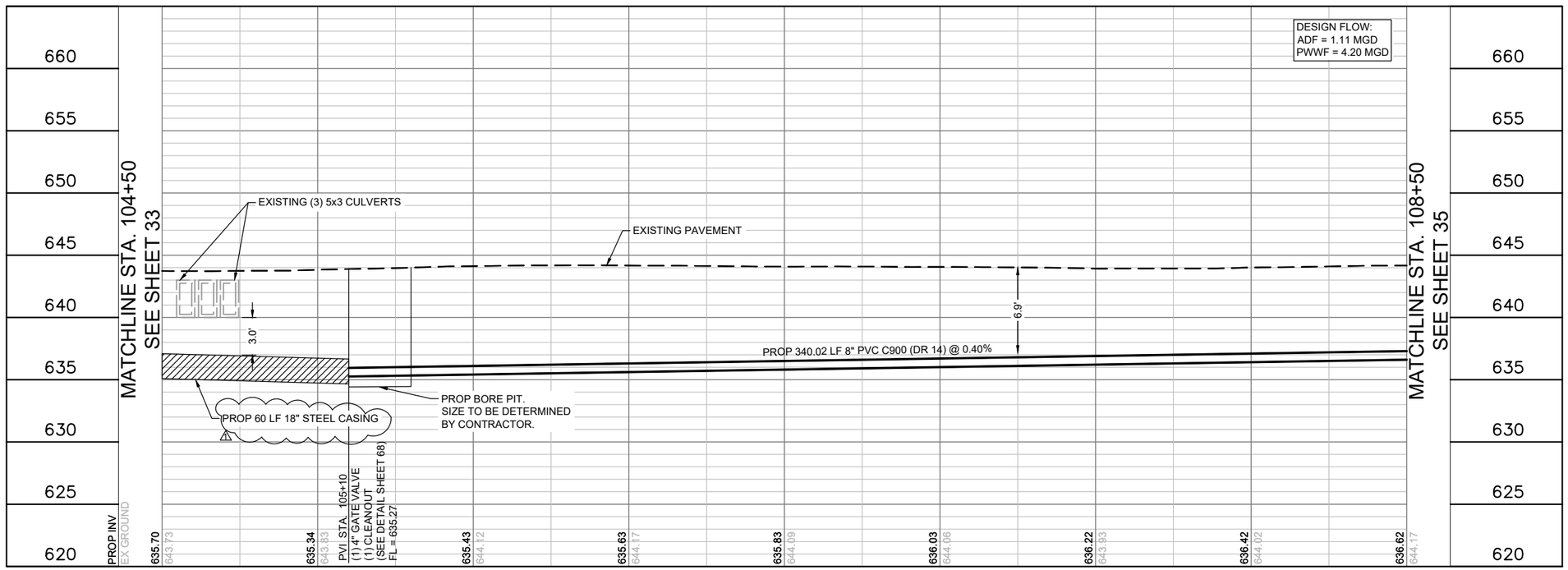
Printed: 9/9/2025 4:16 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 33 STA 100+50 TO STA 104+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

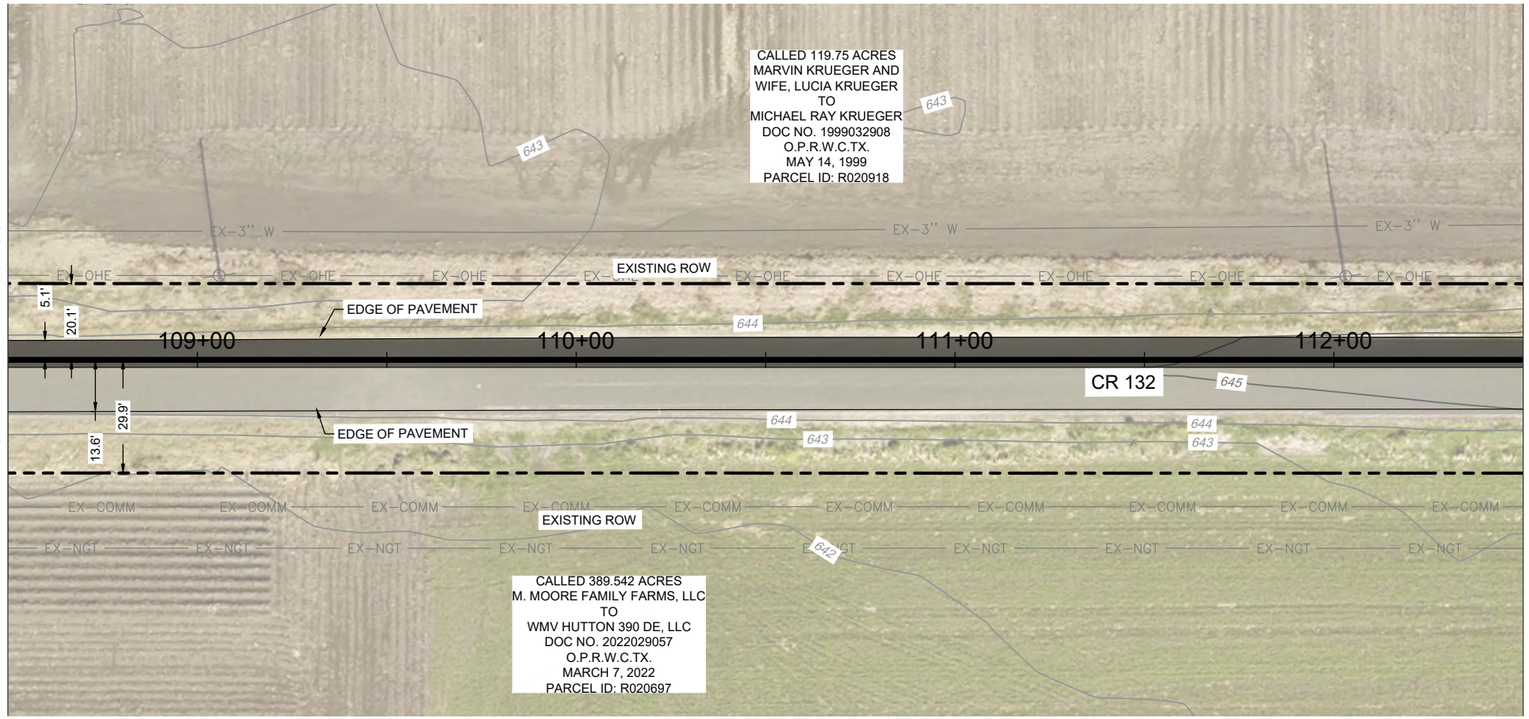
PLAN AND PROFILE
STA 104+50 TO STA 108+50

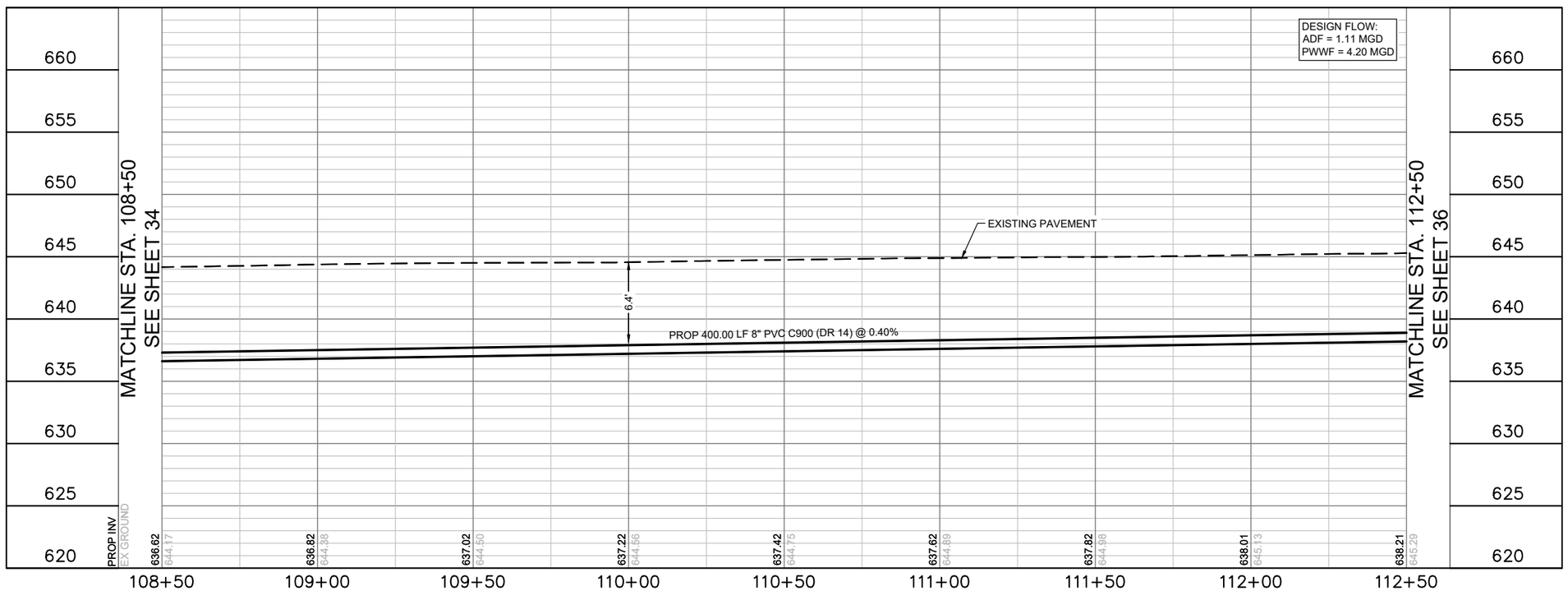
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	34 OF 69

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 34 STA 104+50 TO STA 108+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

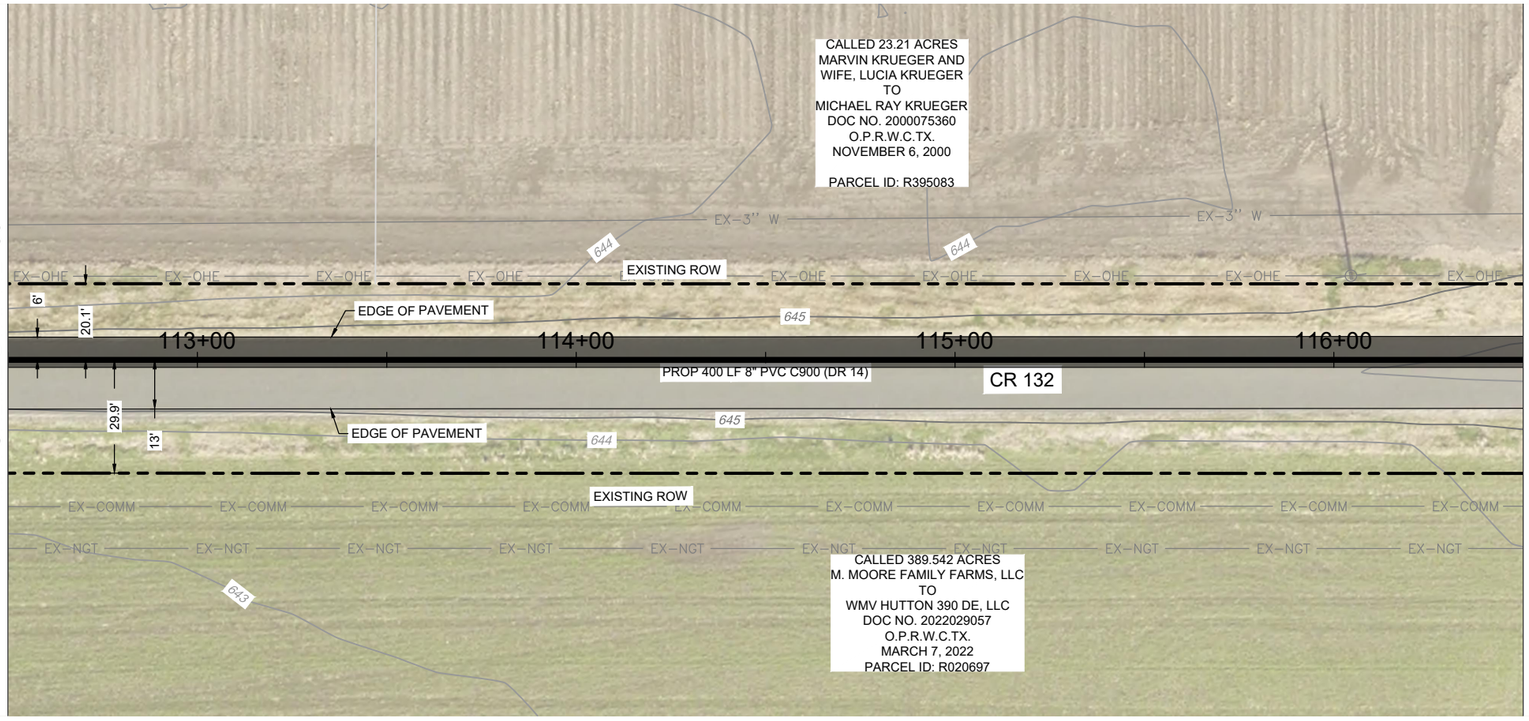
PLAN AND PROFILE
STA 108+50 TO STA 112+50

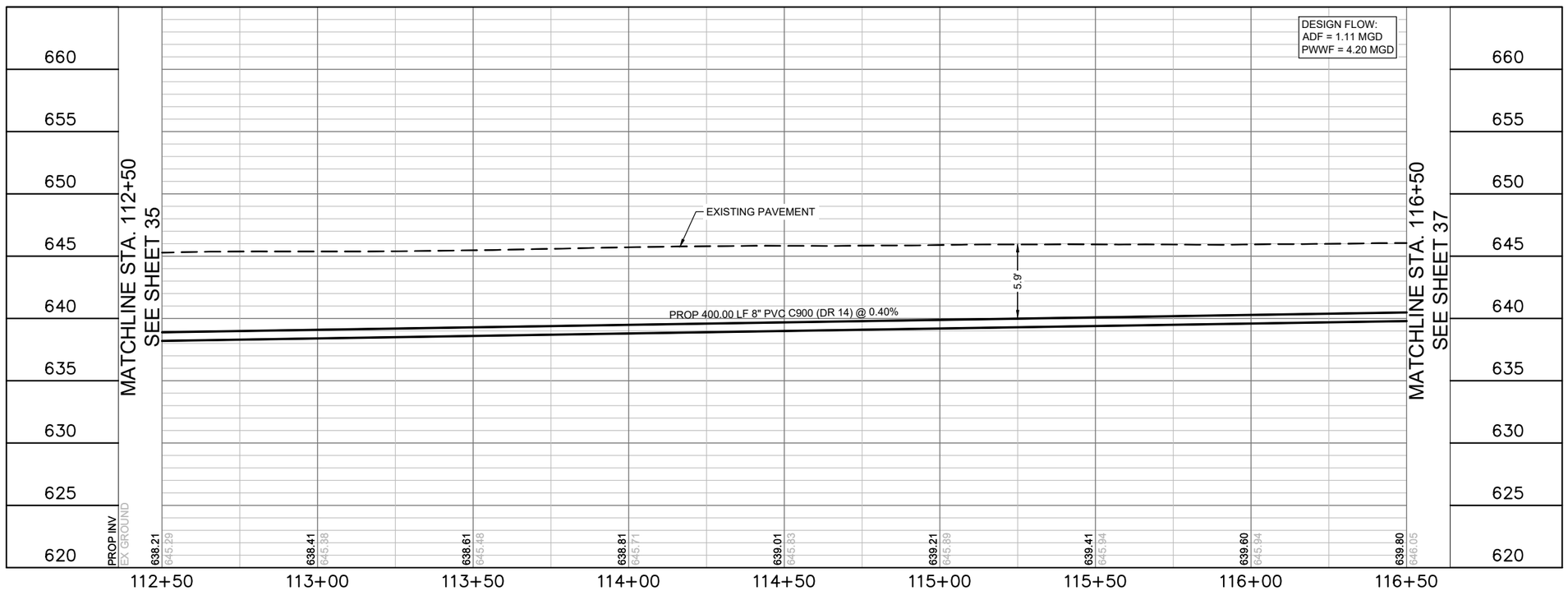
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	35 OF 69

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 35 STA 108+50 TO STA 112+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

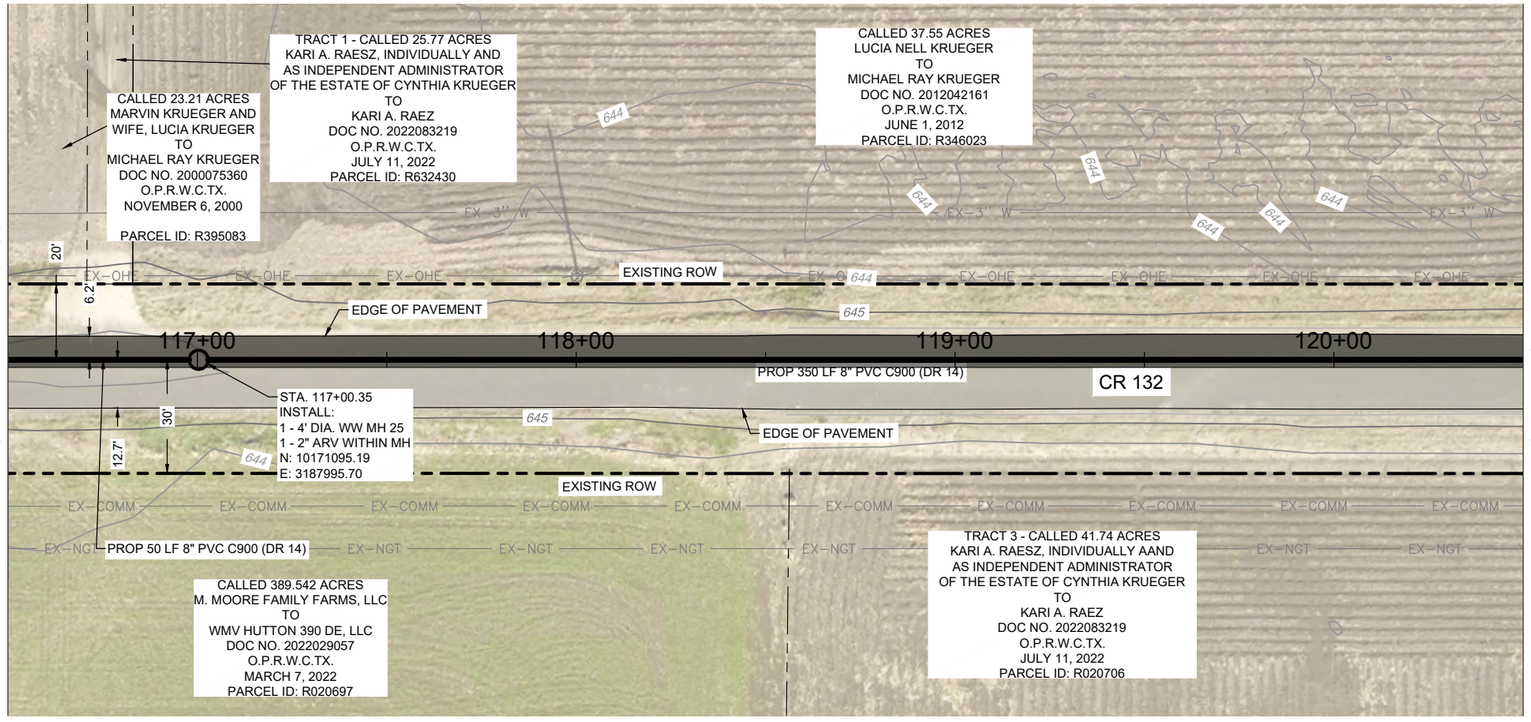
PLAN AND PROFILE
STA 112+50 TO STA 116+50

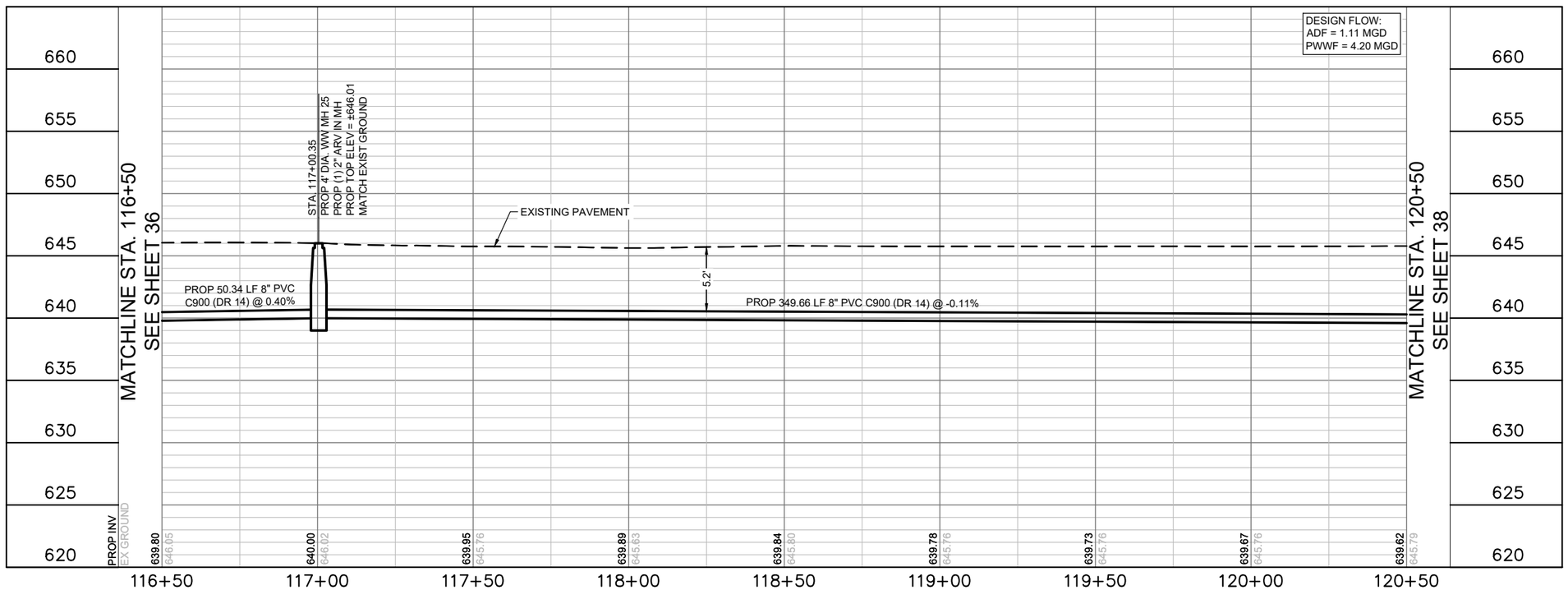
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	36 OF 69

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 36 STA 112+50 TO STA 116+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 116+50 TO STA 120+50

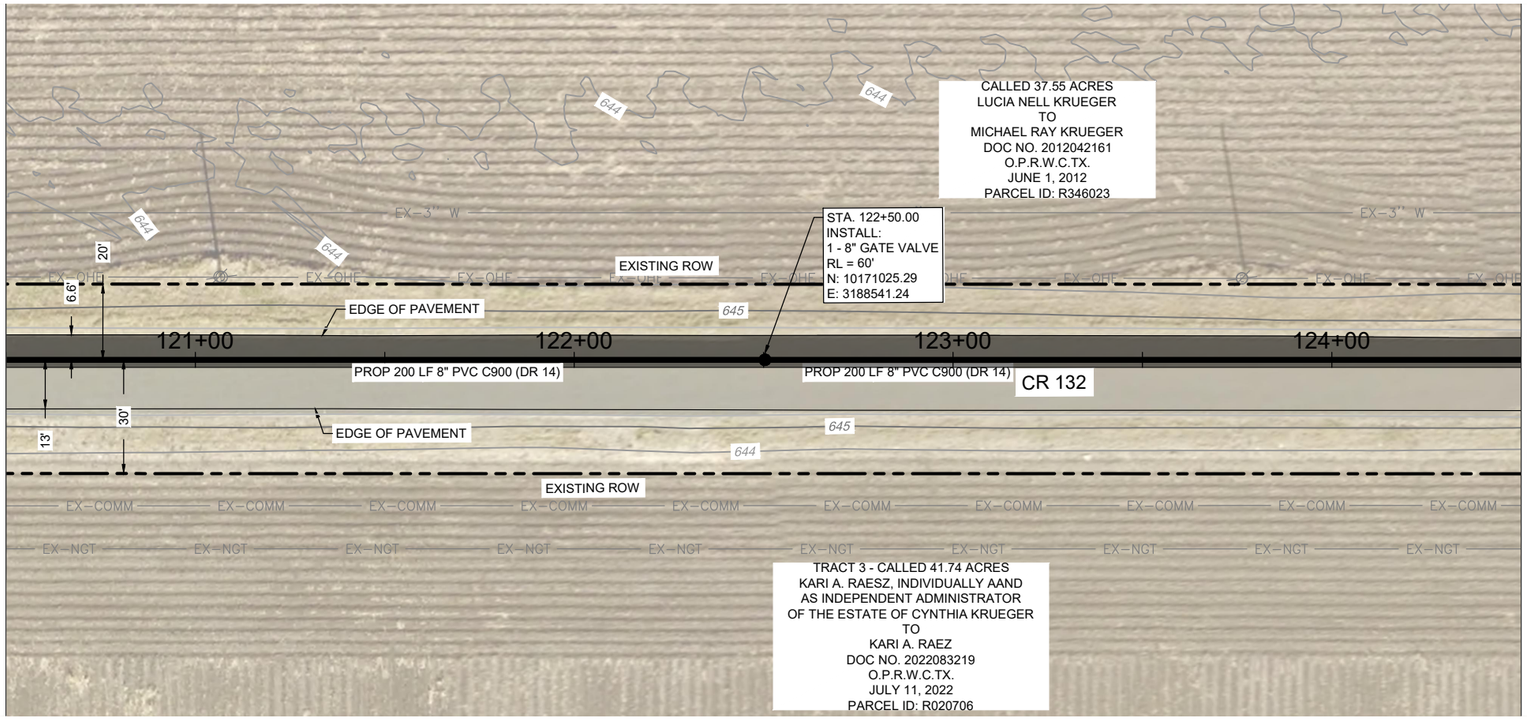
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

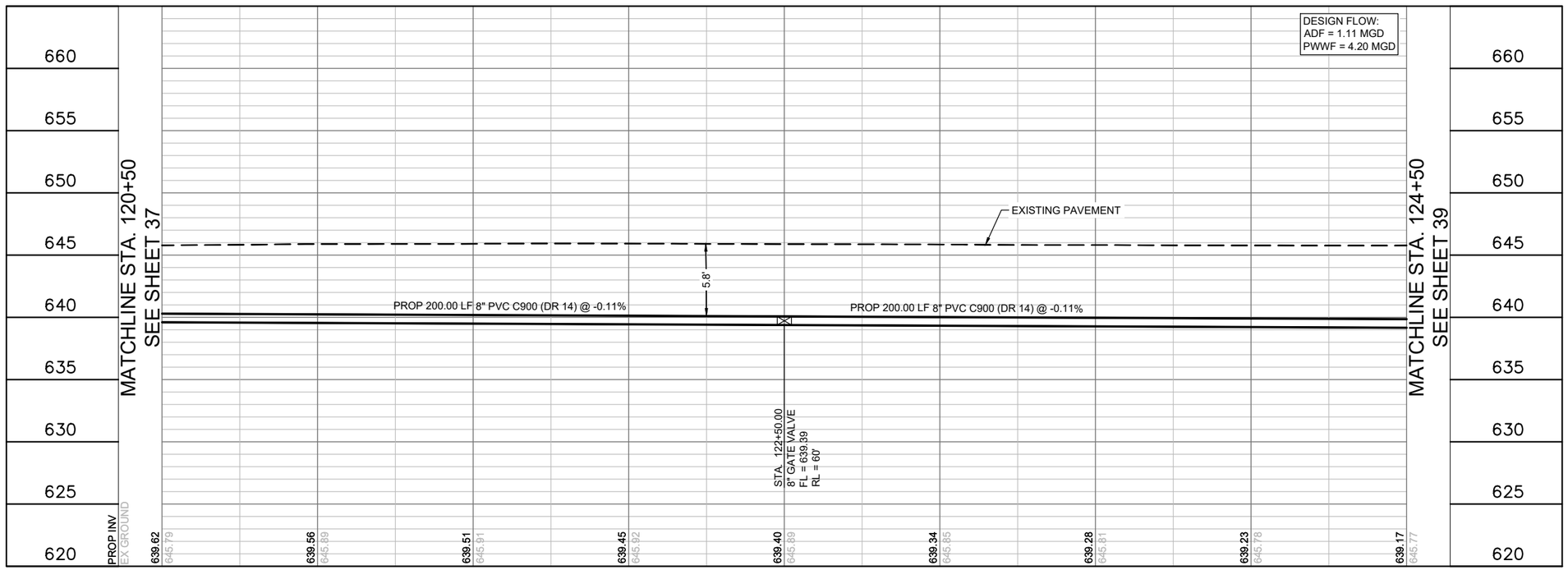
CITY OF HUTTO

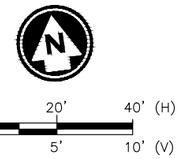
SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	37 OF 69

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 37 STA 116+50 TO STA 120+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 38 STA 120+50 TO STA 124+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

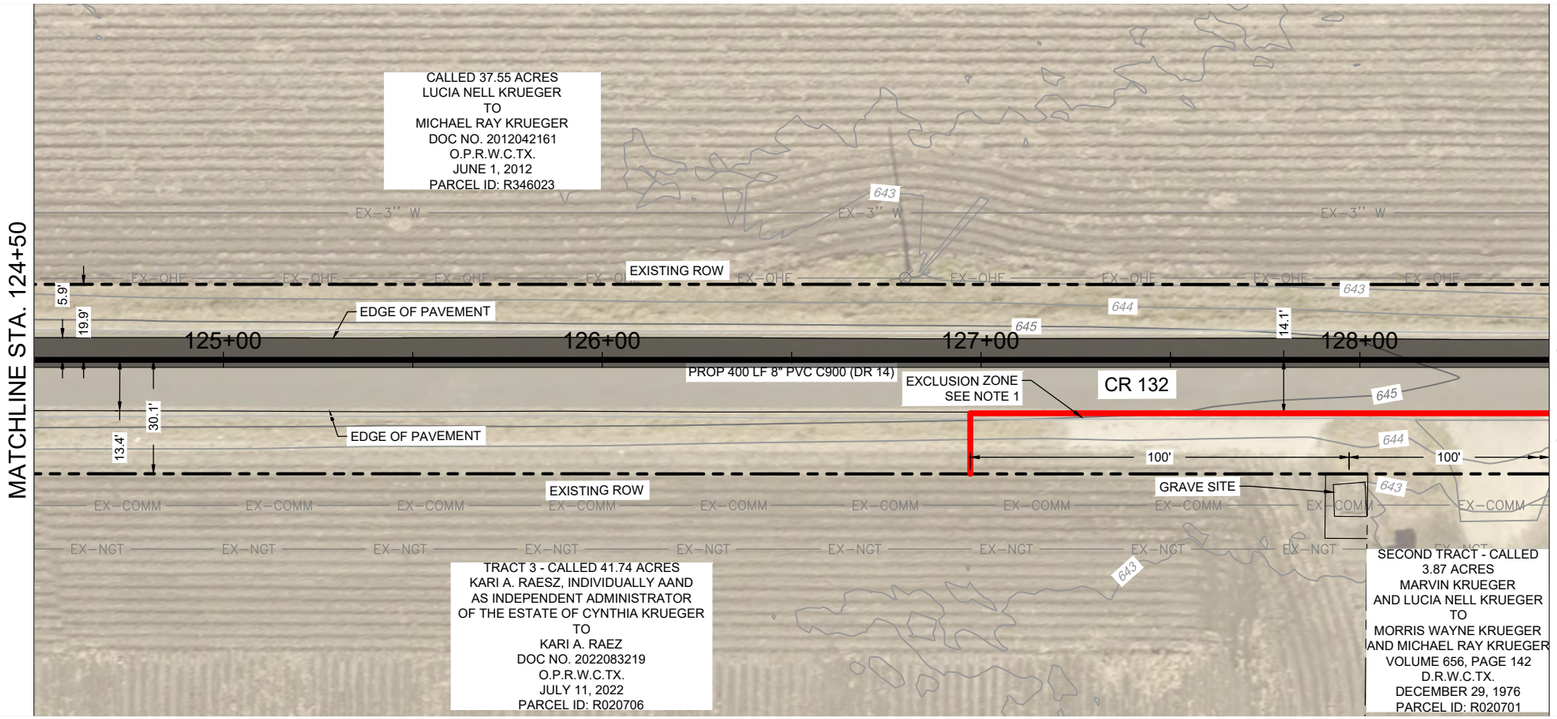
PLAN AND PROFILE
STA 120+50 TO STA 124+50

(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	38 OF 69

Plot Style Table: KFA-BW.ctb



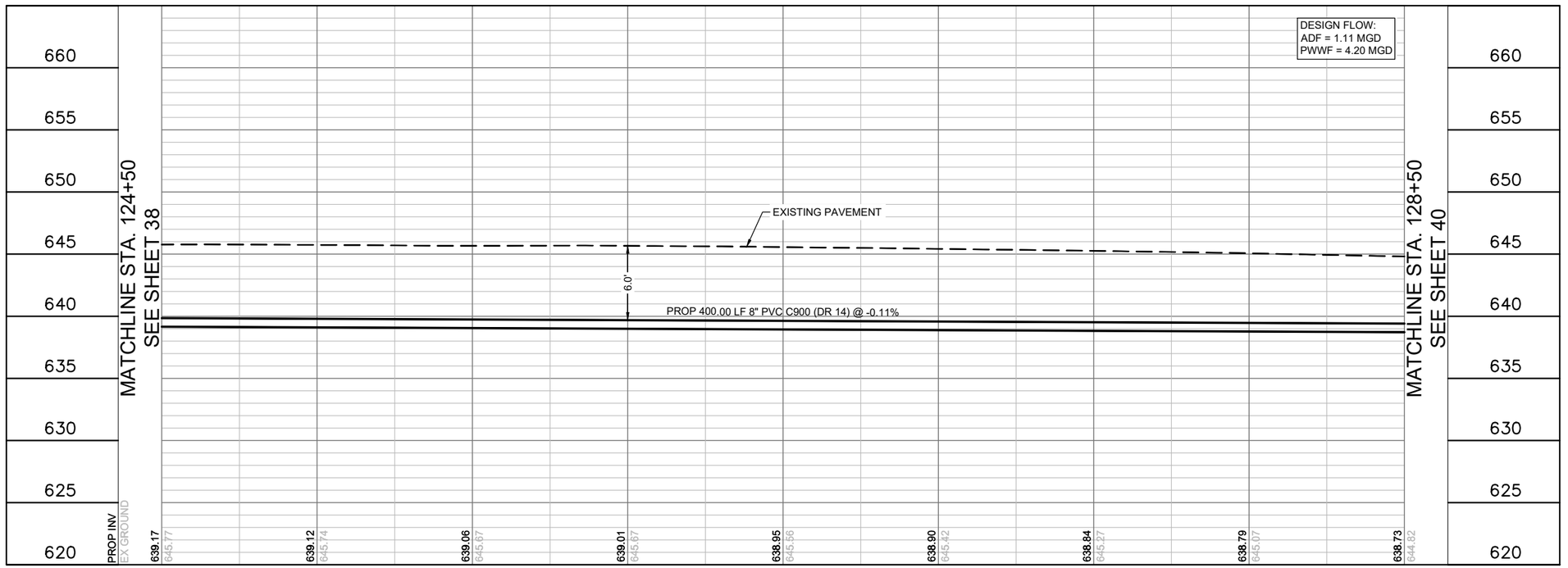
0' 20' 40' (H)
0' 4' 8' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER
- EXIST WATER MAIN
- EXIST CRUDE OIL MAIN
- EXIST NATURAL GAS MAIN
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC
- EXIST STORM DRAIN
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:

1. PER TEXAS HISTORICAL COMMISSION REQUIREMENTS, THE AREA IDENTIFIED AS THE EXCLUSION ZONE SHOULD BE ENCASED IN HIGH VISIBILITY CONSTRUCTION FENCING (NSPI). NO VEHICLES OR EQUIPMENT SHALL BE STAGED OR POSITIONED IN EXCLUSION ZONE. NO FOOT TRAFFIC IS PERMITTED IN EXCLUSION ZONE.



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

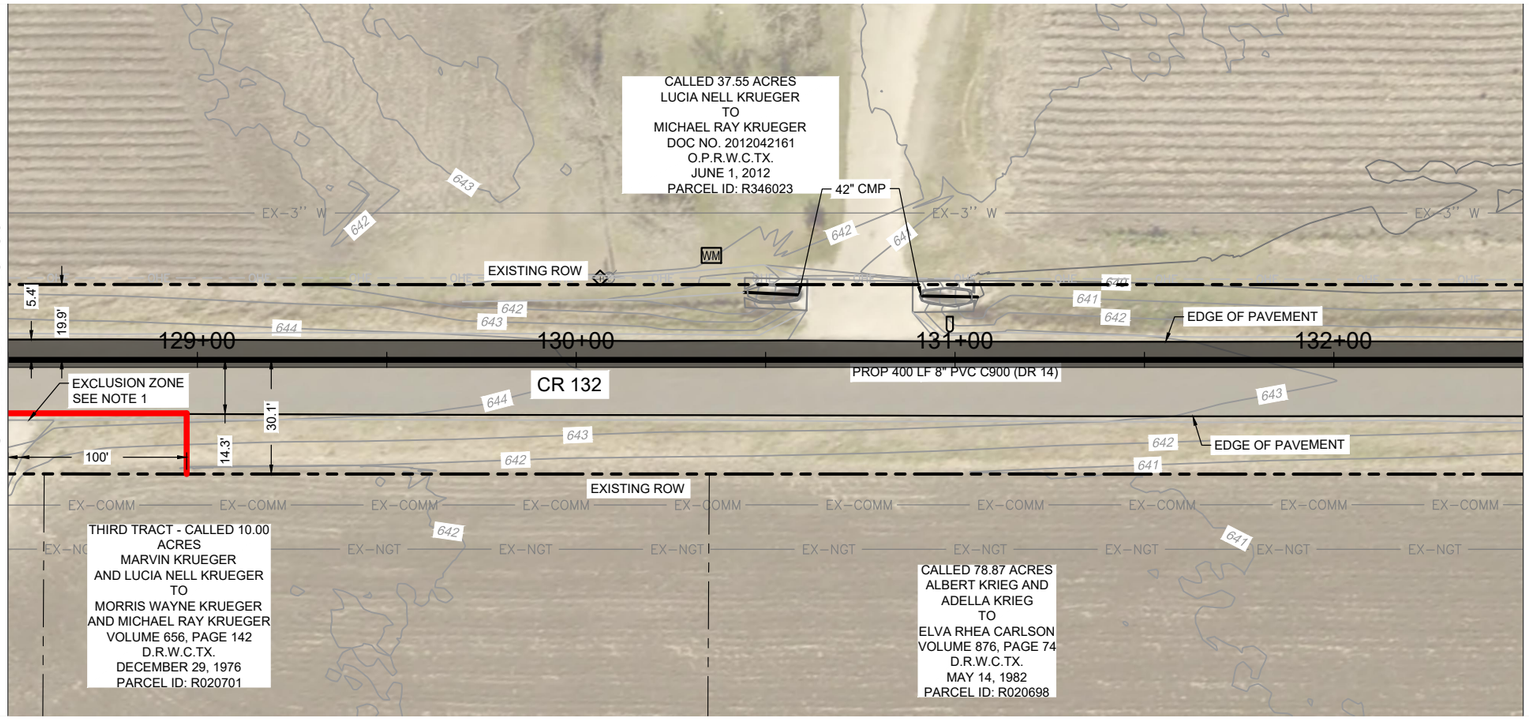
PLAN AND PROFILE
STA 124+50 TO STA 128+50

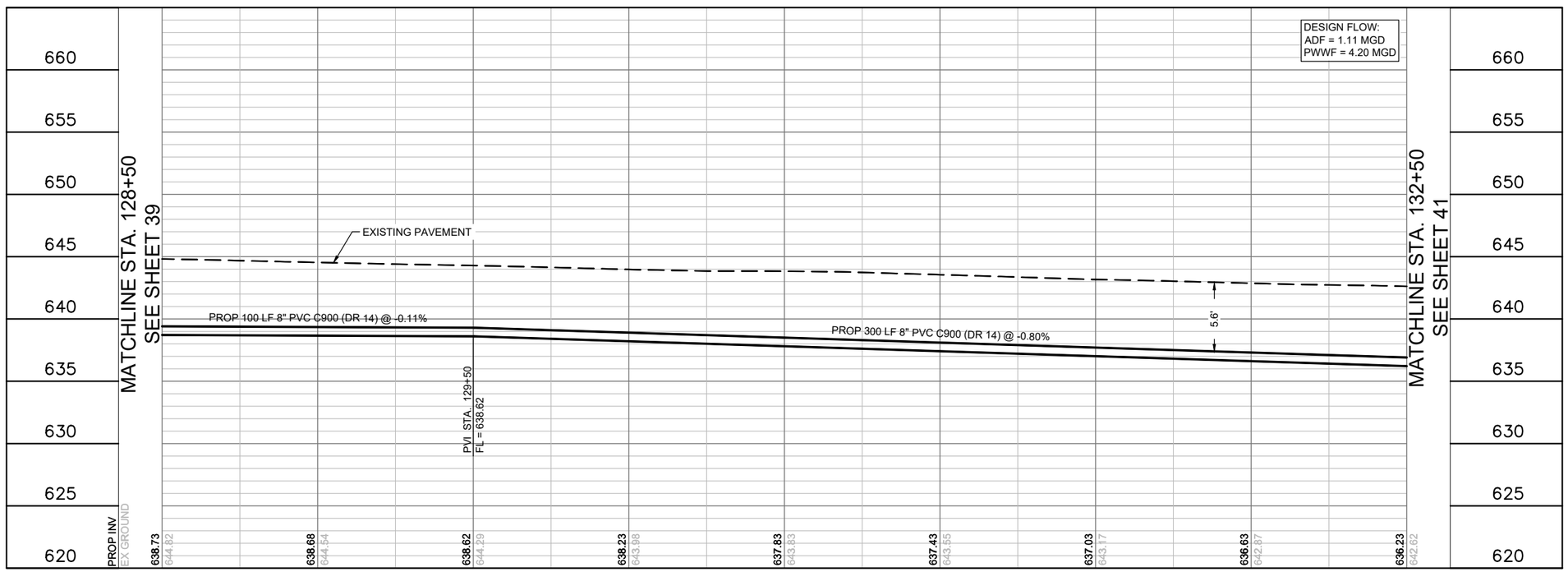
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	39 OF 69

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR03 Layout: 39 STA 124+50 TO STA 128+50 Saved: 9/9/2025 4:05 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW
- EXIST WATER MAIN — EX–4" W
- EXIST CRUDE OIL MAIN — EX–CRD
- EXIST NATURAL GAS MAIN — EX–NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE
- EXIST STORM DRAIN — EX–18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:

1. PER TEXAS HISTORICAL COMMISSION REQUIREMENTS, THE AREA IDENTIFIED AS THE EXCLUSION ZONE SHOULD BE ENCASED IN HIGH VISIBILITY CONSTRUCTION FENCING (NSPI). NO VEHICLES OR EQUIPMENT SHALL BE STAGED OR POSITIONED IN EXCLUSION ZONE. NO FOOT TRAFFIC IS PERMITTED IN EXCLUSION ZONE.

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
(FIRM # 6535)

CITY OF HUTTO

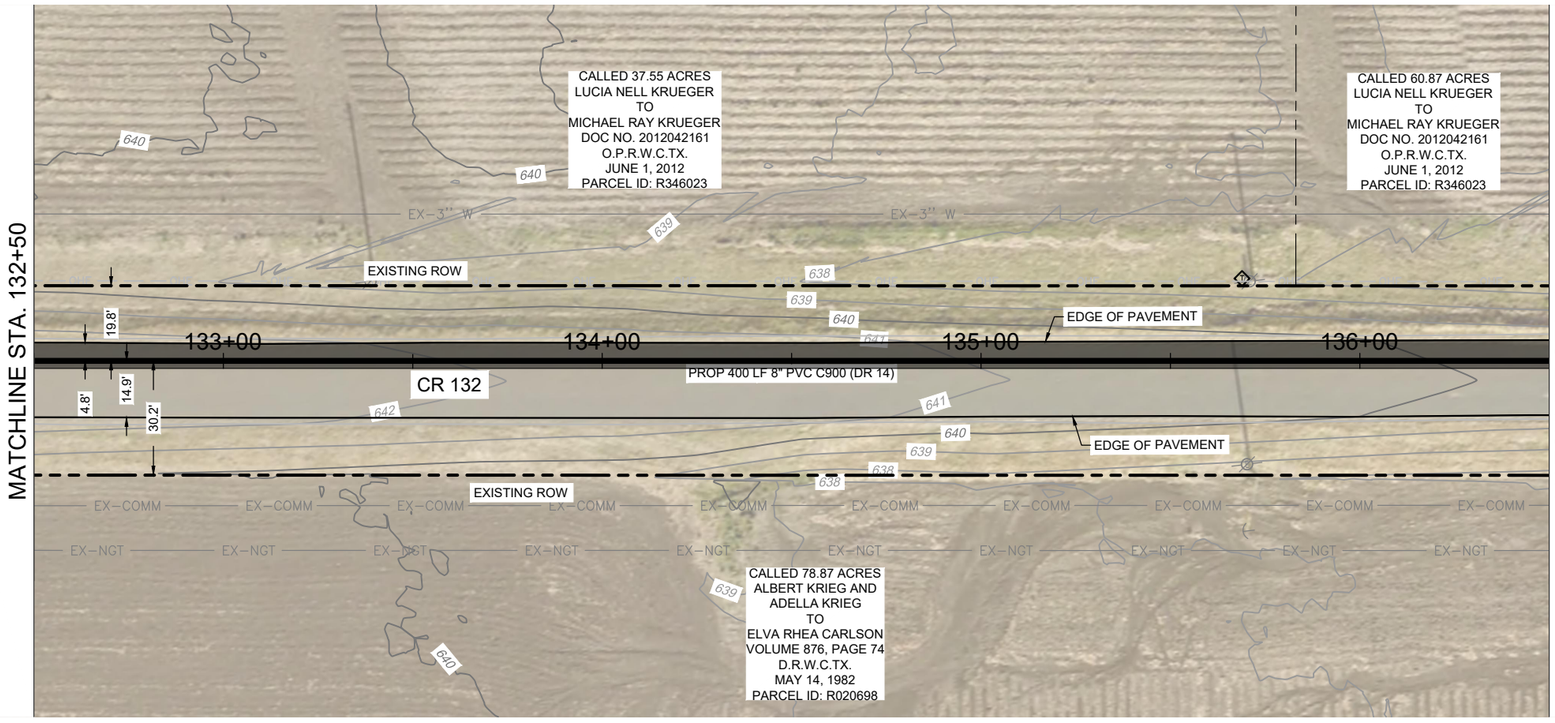
MEGASITE WW07-2023 WASTEWATER PIPELINE

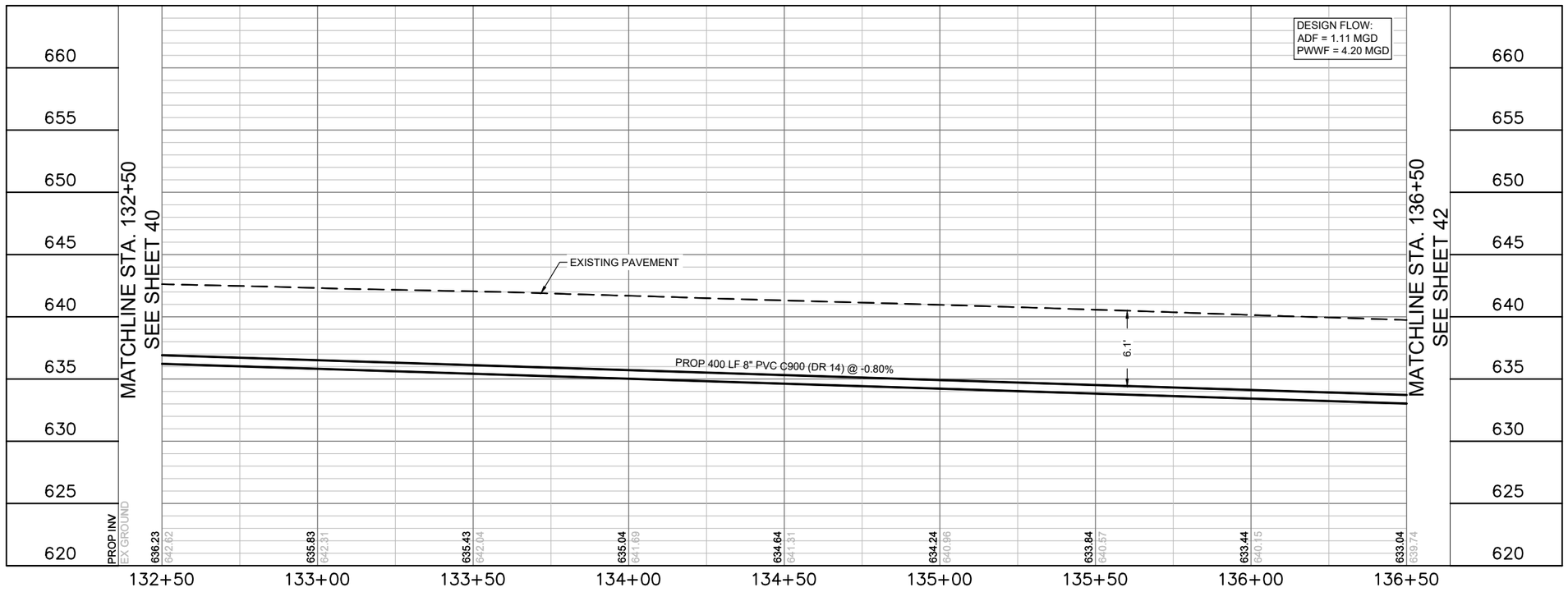
PLAN AND PROFILE
STA 128+50 TO STA 132+50

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	40 OF 69

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 40 STA 128+50 TO STA 132+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN EX-CRD
- EXIST NATURAL GAS MAIN EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC EX-OHE
- EXIST STORM DRAIN EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 132+50 TO STA 136+50

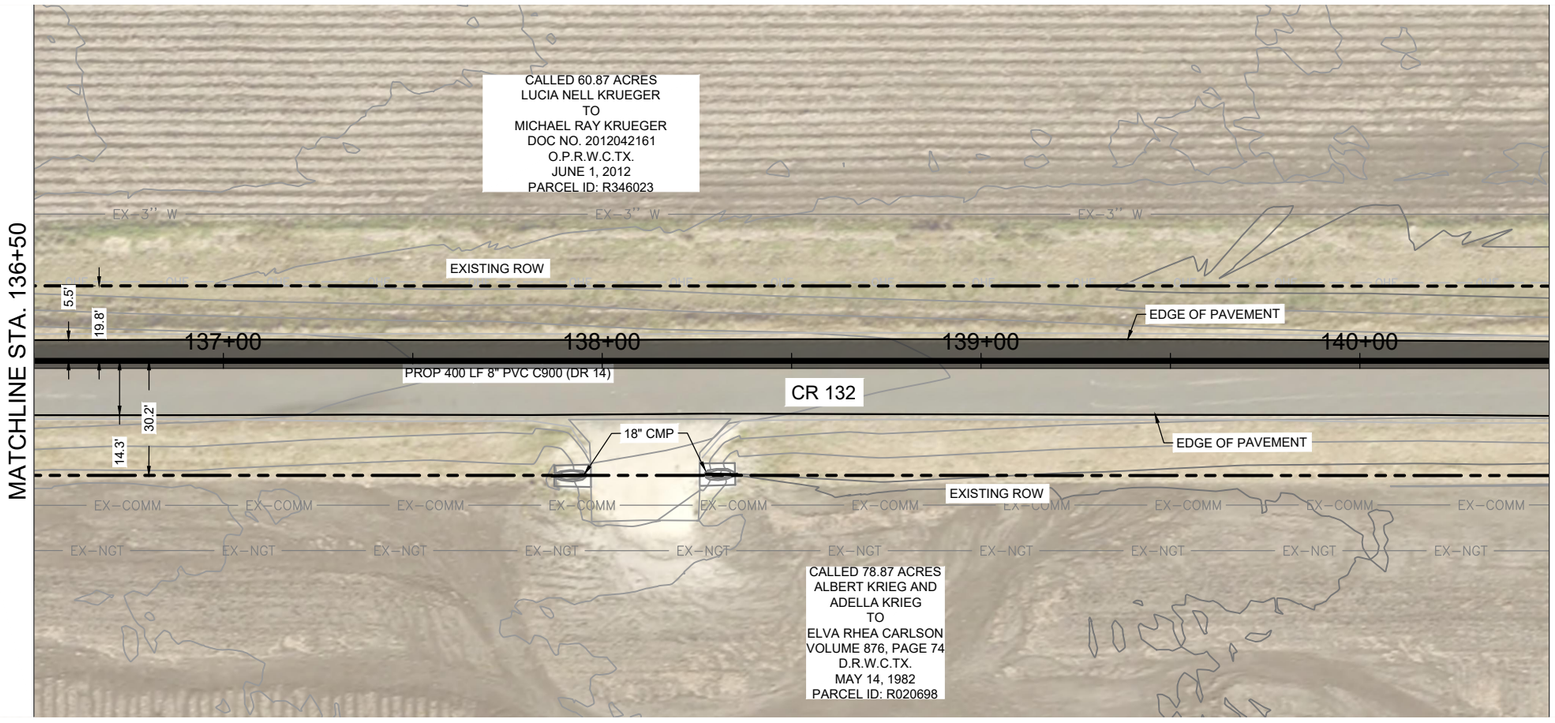
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

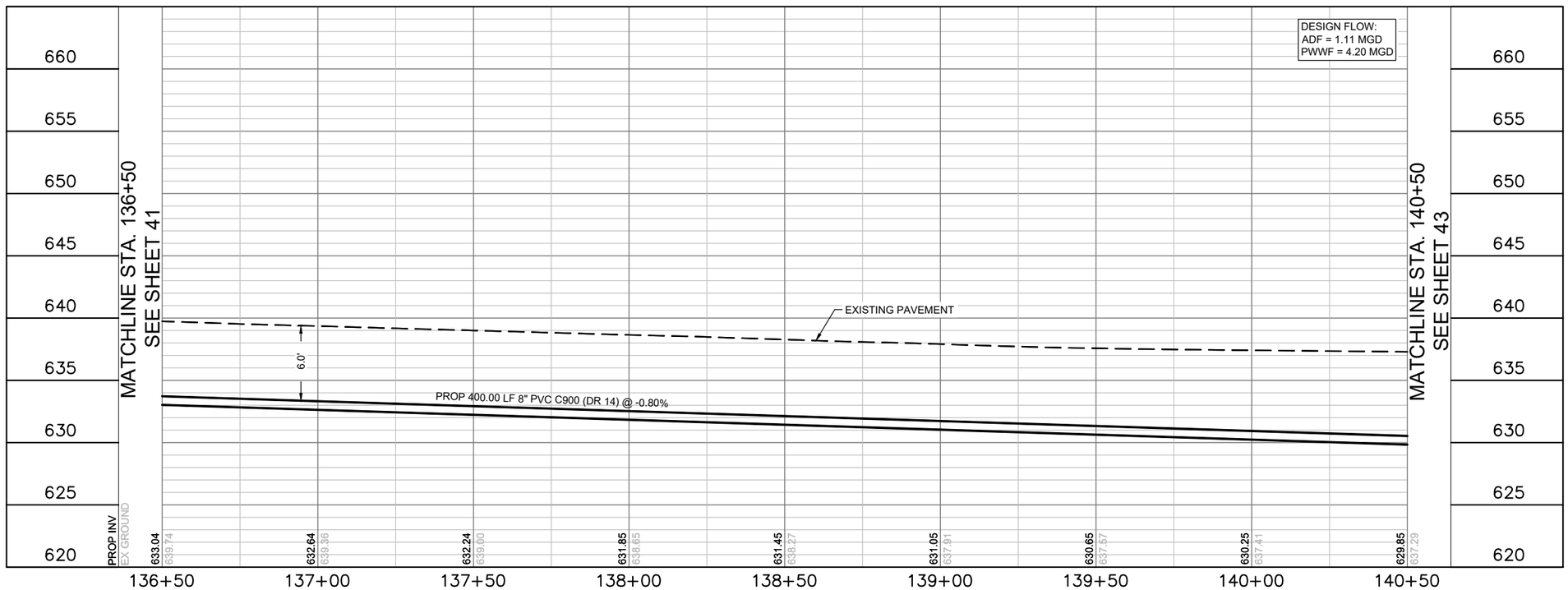
CITY OF HUTTO

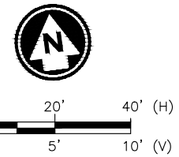
SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	41 OF 69

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 41 STA 132+50 TO STA 136+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:17 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 42 STA 136+50 TO STA 140+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN —EX-CRD—
- EXIST NATURAL GAS MAIN —EX-NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX-OHE—
- EXIST STORM DRAIN —EX-18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

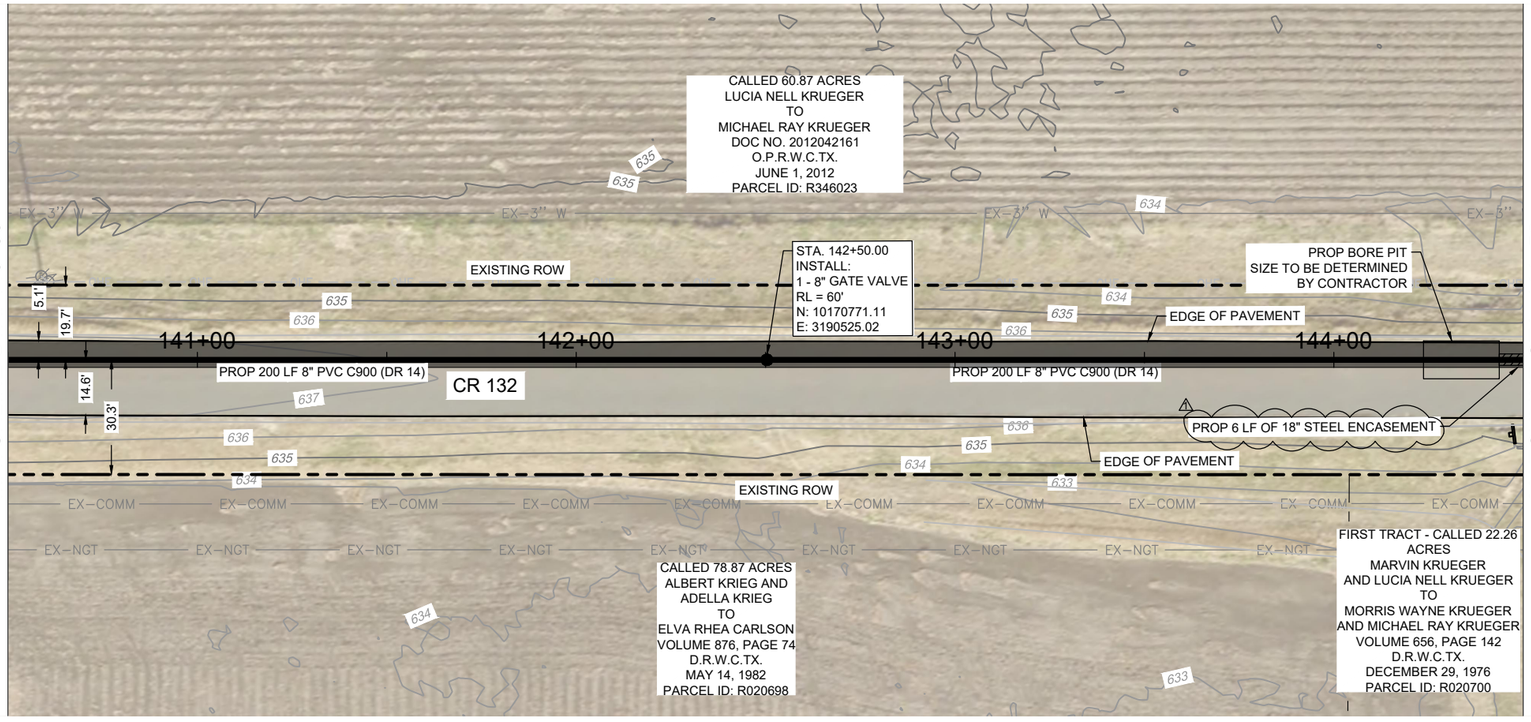
PLAN AND PROFILE
STA 136+50 TO STA 140+50

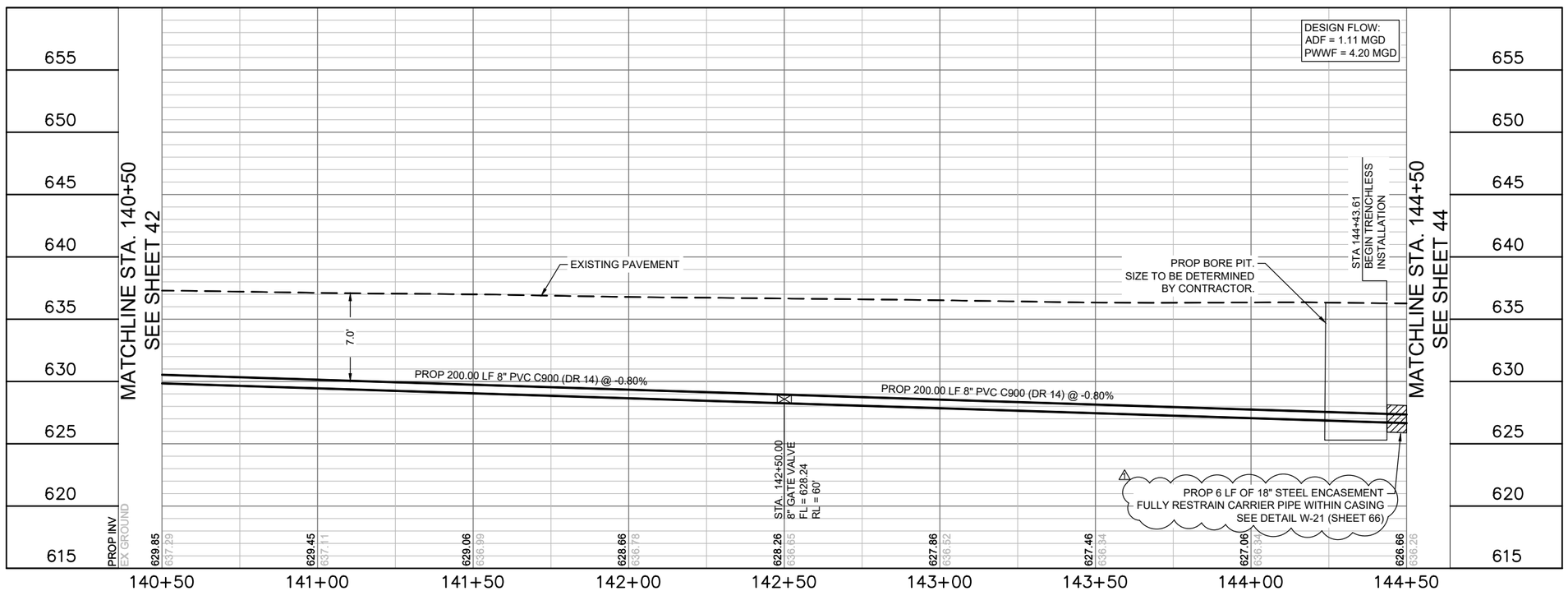
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	42 OF 69

Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

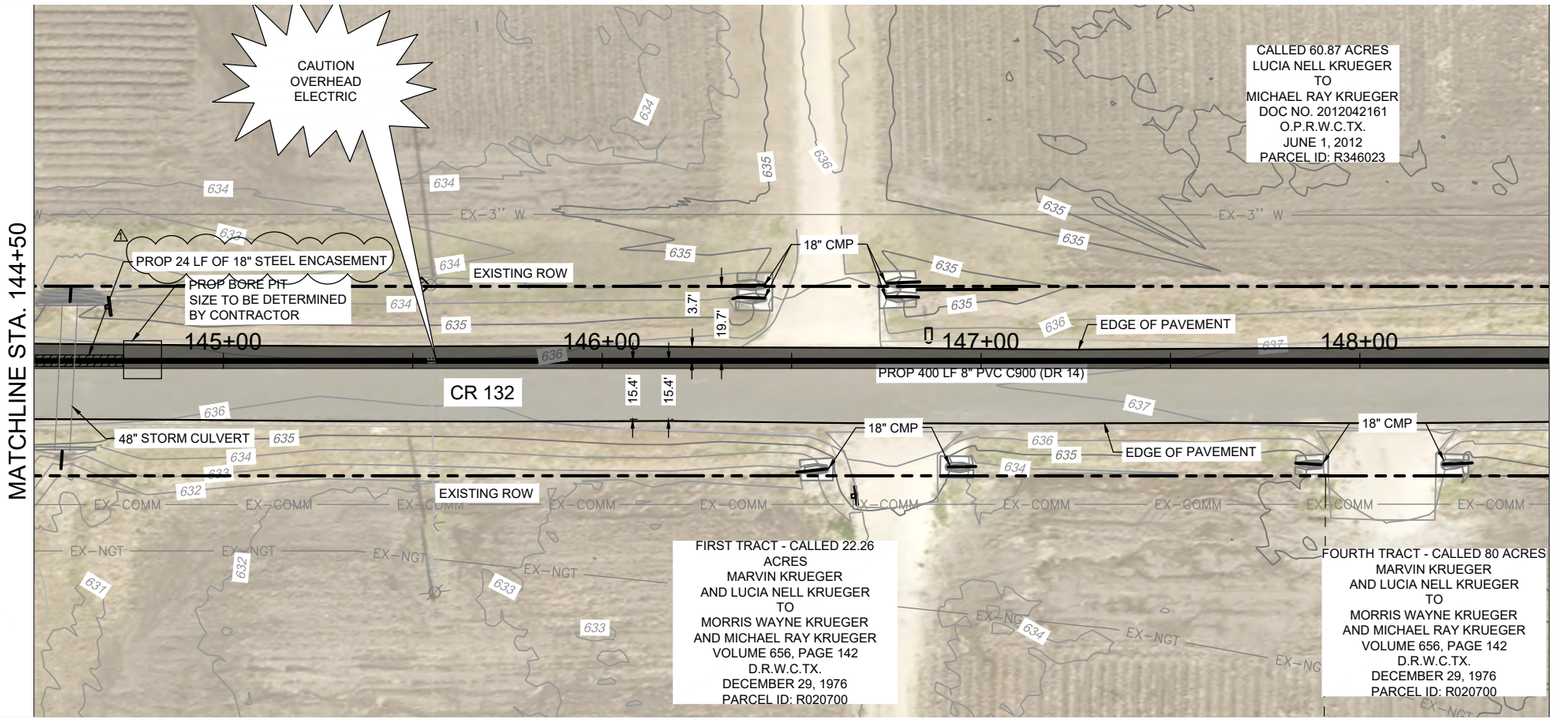
PLAN AND PROFILE
STA 140+50 TO STA 144+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	43 OF 69

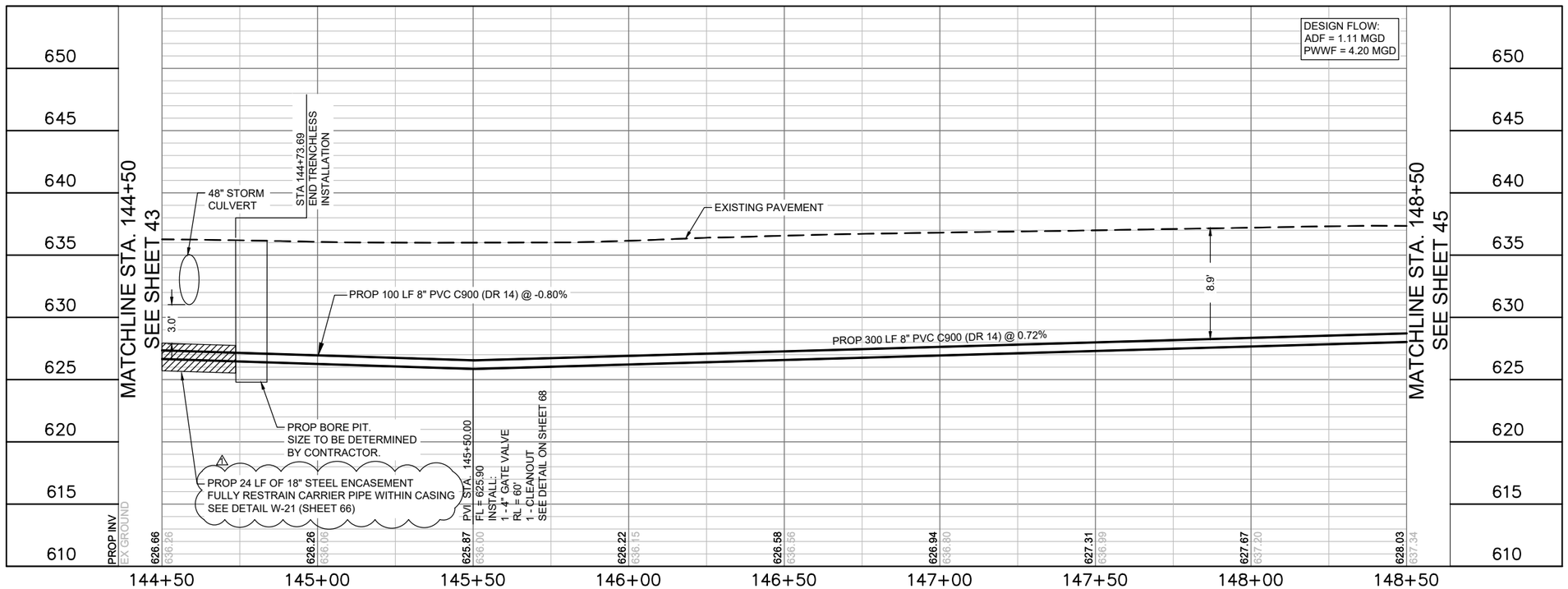
Printed: 9/9/2025 4:18 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 43 STA 140+50 TO STA 144+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW
- EXIST WATER MAIN — EX–4" W
- EXIST CRUDE OIL MAIN — EX–CRD
- EXIST NATURAL GAS MAIN — EX–NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE
- EXIST STORM DRAIN — EX–18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

MEGASITE WW07-2023 WASTEWATER PIPELINE

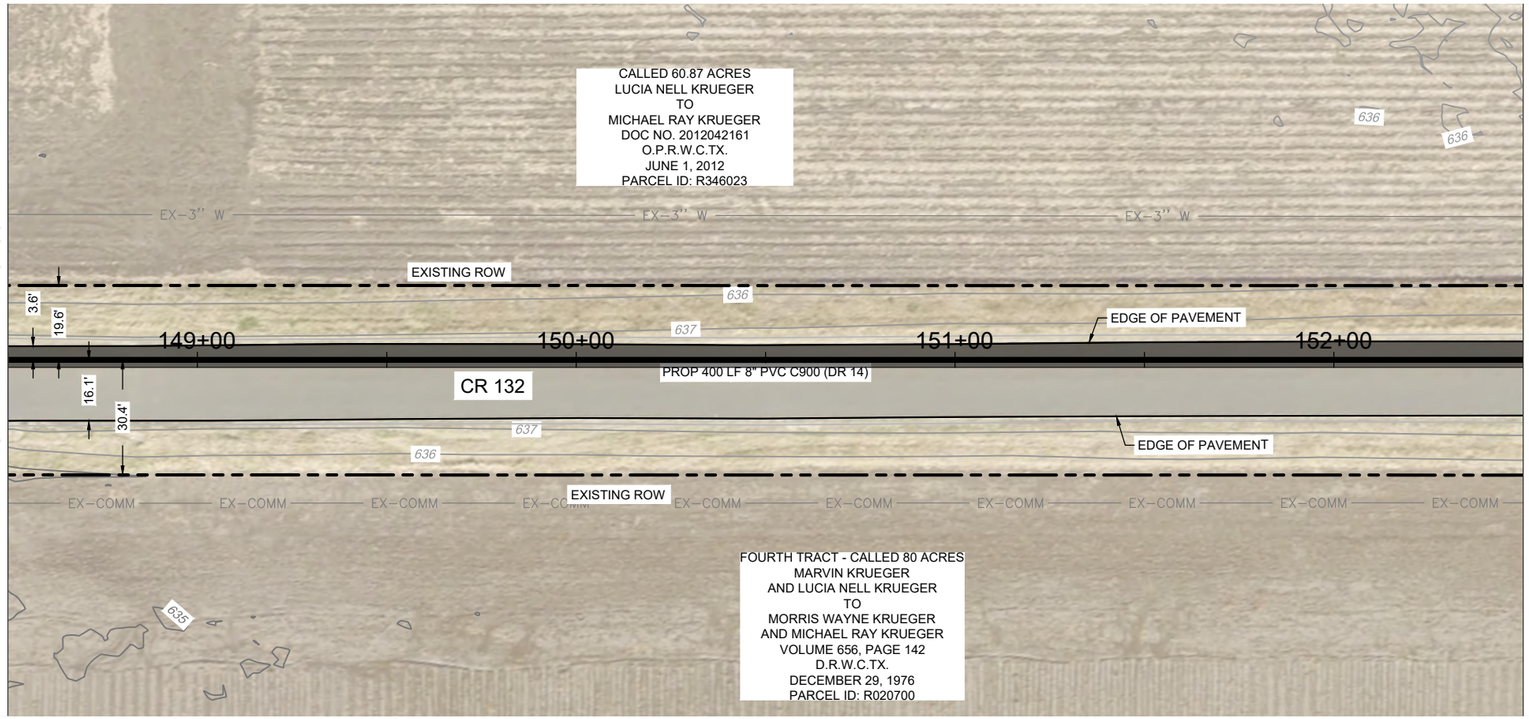
PLAN AND PROFILE
STA 144+50 TO STA 148+50

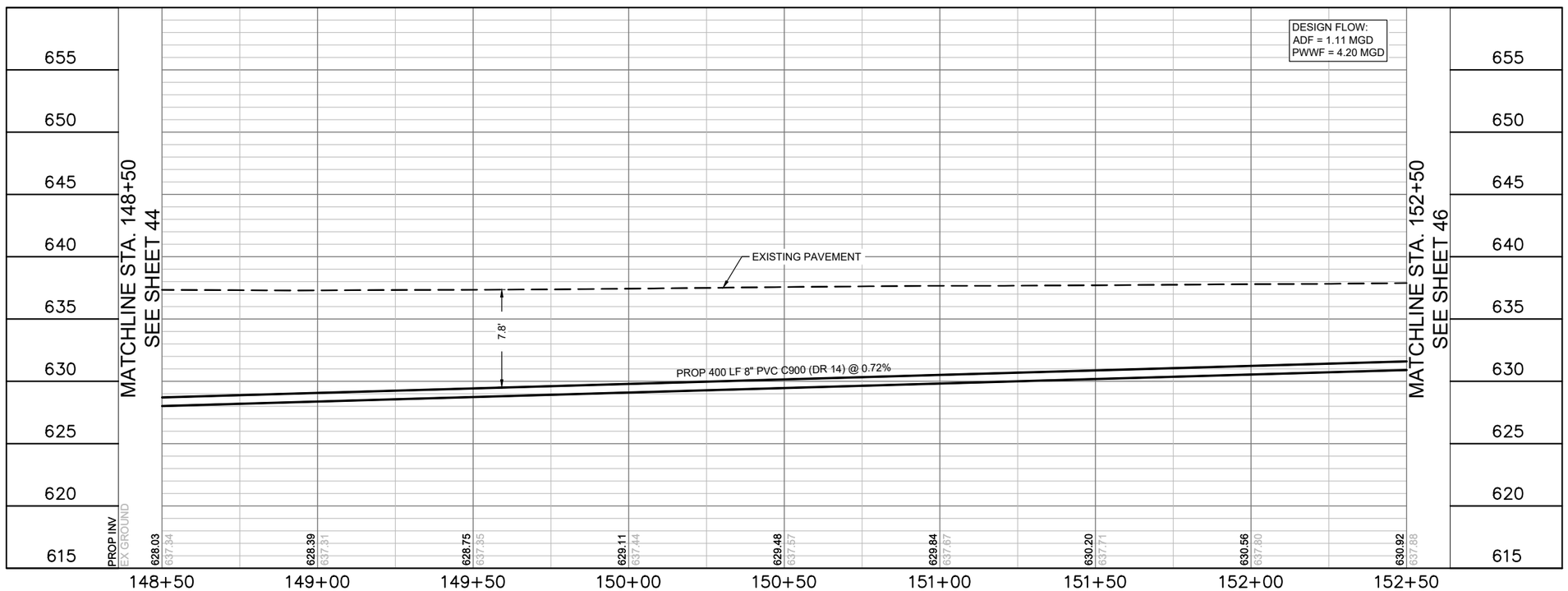
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

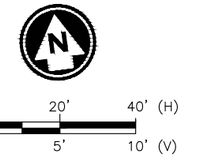
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	44 OF 69

Printed: 9/9/2025 4:18 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 44 STA 144+50 TO STA 148+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX-8" WW
- EXIST WATER MAIN — EX-4" W
- EXIST CRUDE OIL MAIN — EX-CRD
- EXIST NATURAL GAS MAIN — EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX-OHE
- EXIST STORM DRAIN — EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

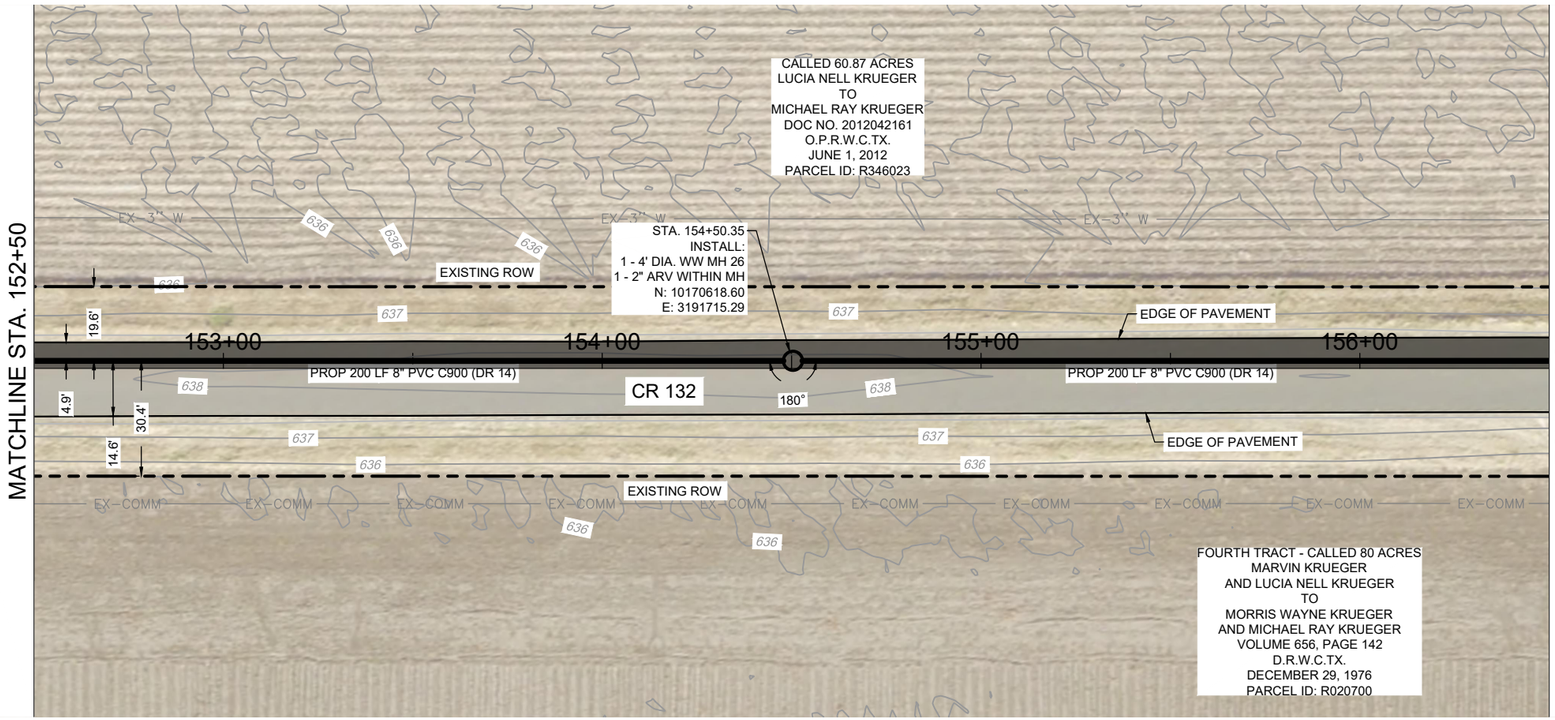
PLAN AND PROFILE
STA 148+50 TO STA 152+50

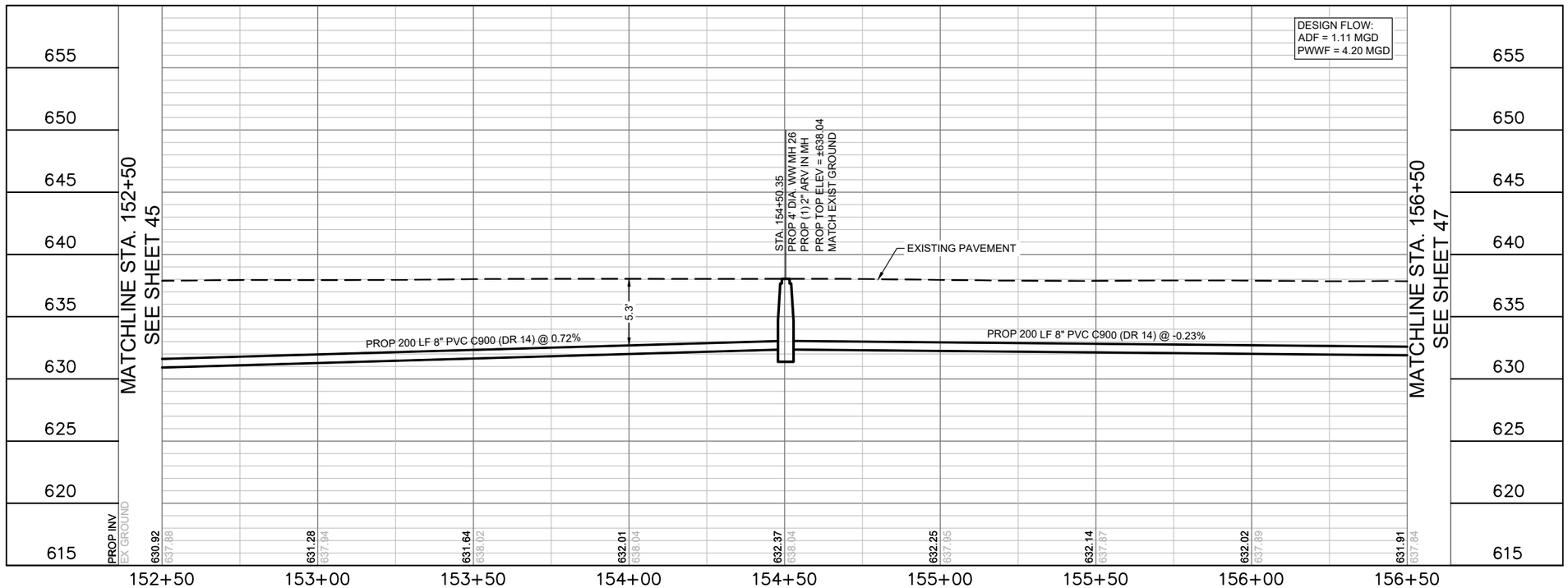
K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	45 OF 69

Printed: 9/9/2025 4:18 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 45 STA 148+50 TO STA 152+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW
- EXIST WATER MAIN — EX–4" W
- EXIST CRUDE OIL MAIN — EX–CRD
- EXIST NATURAL GAS MAIN — EX–NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE
- EXIST STORM DRAIN — EX–18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

MEGASITE WW07-2023 WASTEWATER PIPELINE

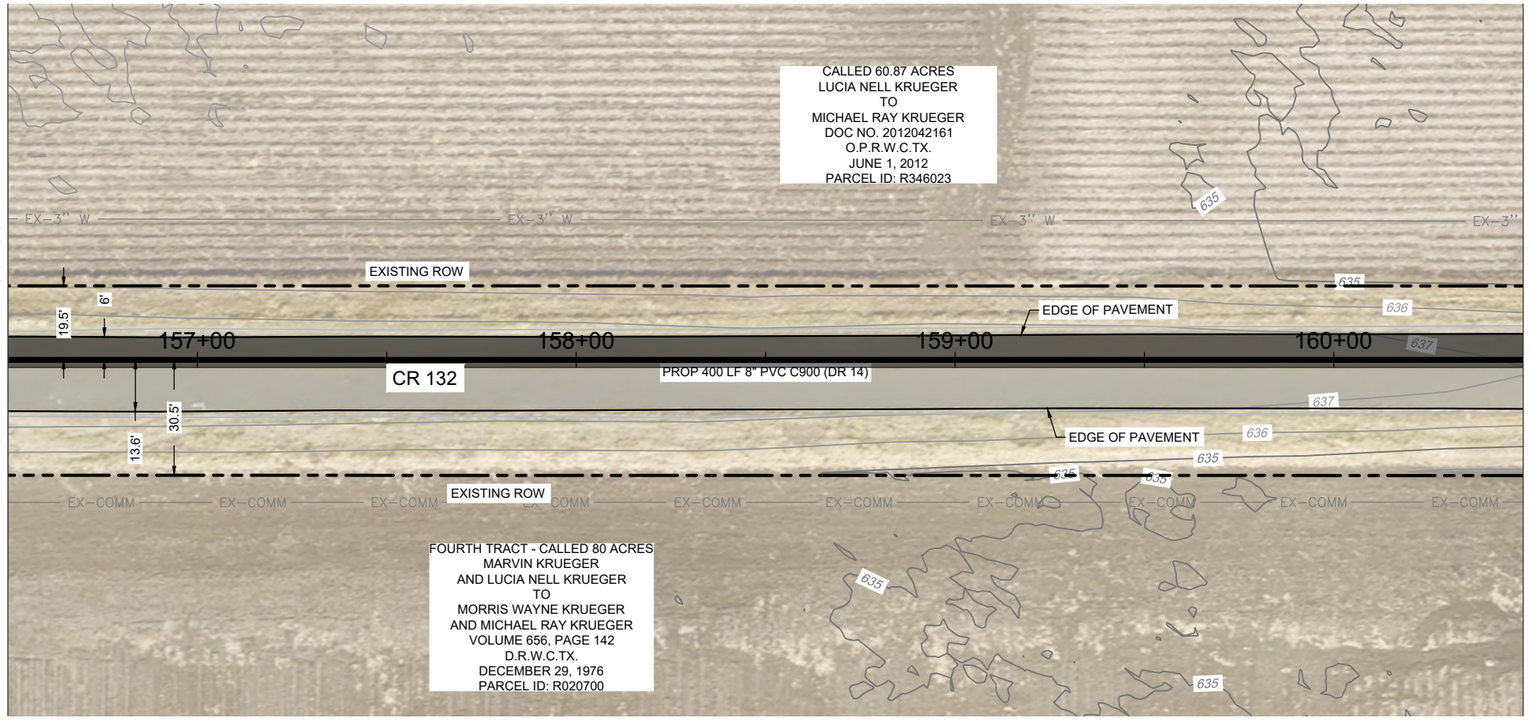
PLAN AND PROFILE
STA 152+50 TO STA 156+50

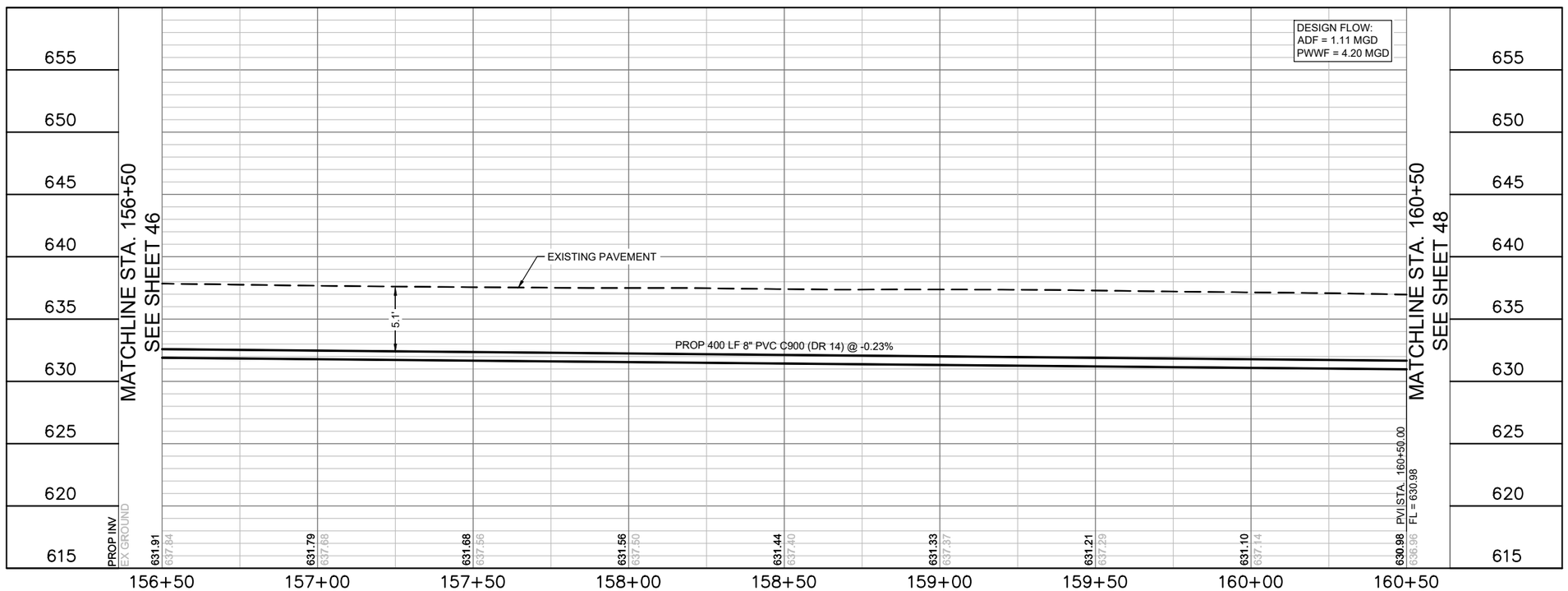
K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
(FIRM # 6535)

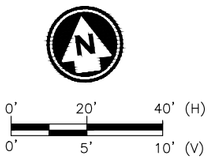
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	46 OF 69

Printed: 9/9/2025 4:18 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 46 STA 152+50 TO STA 156+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX-8" WW
- EXIST WATER MAIN — EX-4" W
- EXIST CRUDE OIL MAIN — EX-CRD
- EXIST NATURAL GAS MAIN — EX-NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX-OHE
- EXIST STORM DRAIN — EX-18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

MEGASITE WW07-2023 WASTEWATER PIPELINE

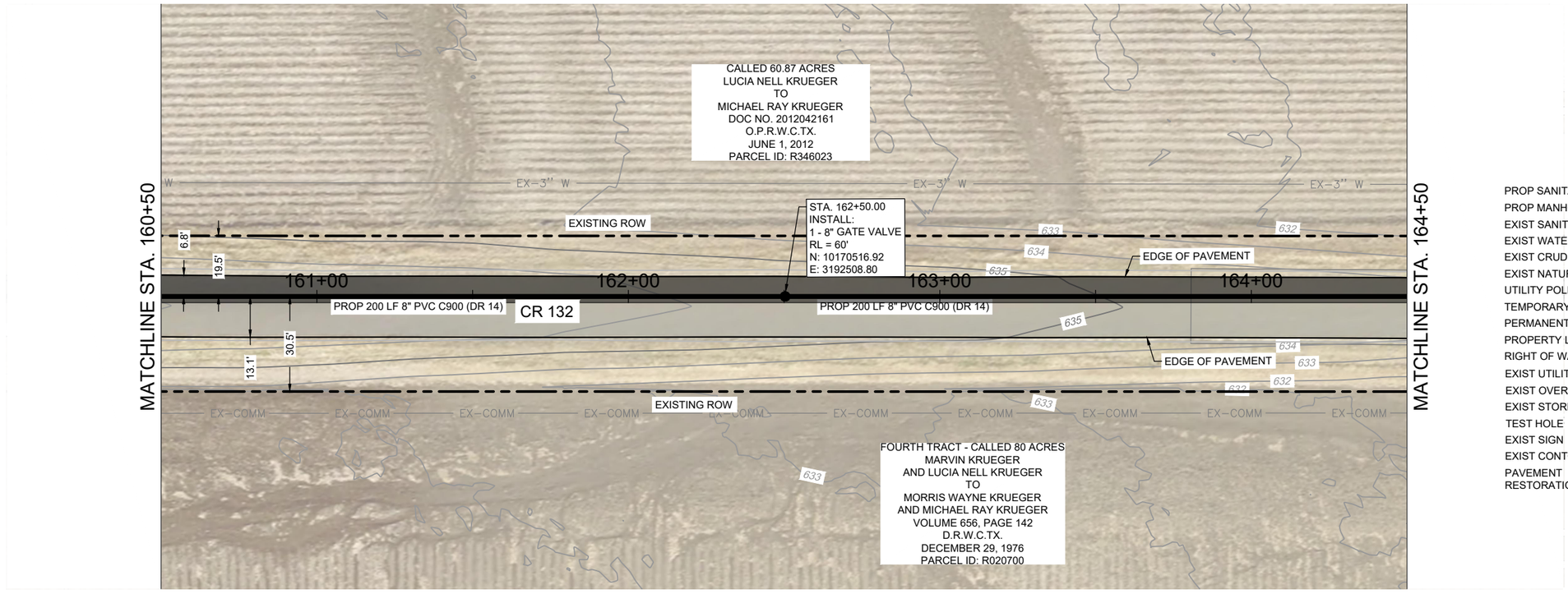
PLAN AND PROFILE
STA 156+50 TO STA 160+50

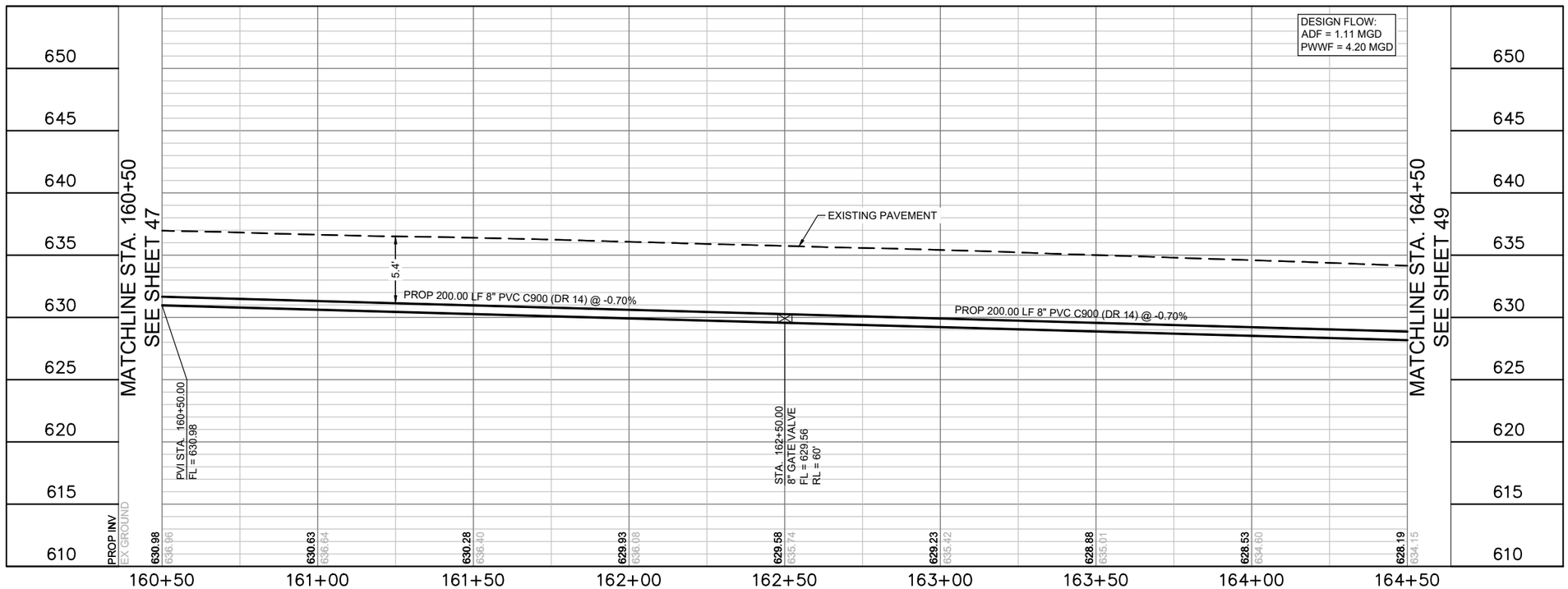
K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	47 OF 69

Printed: 9/9/2025 4:18 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 47 STA 156+50 TO STA 160+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN —EX-CRD—
- EXIST NATURAL GAS MAIN —EX-NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX-OHE—
- EXIST STORM DRAIN —EX-18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

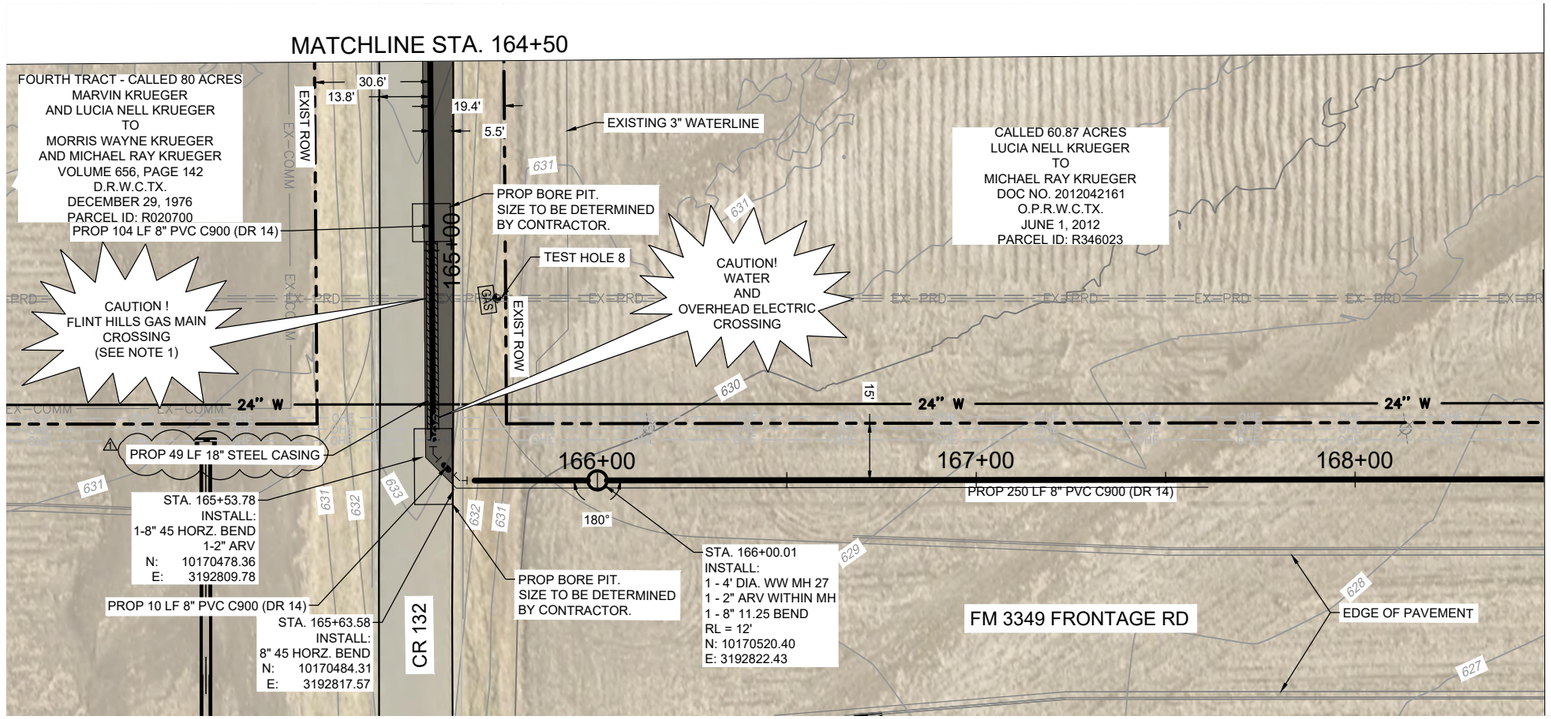
PLAN AND PROFILE
STA 160+50 TO STA 164+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	48 OF 69

Printed: 9/9/2025 4:18 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 48 STA 160+50 TO STA 164+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



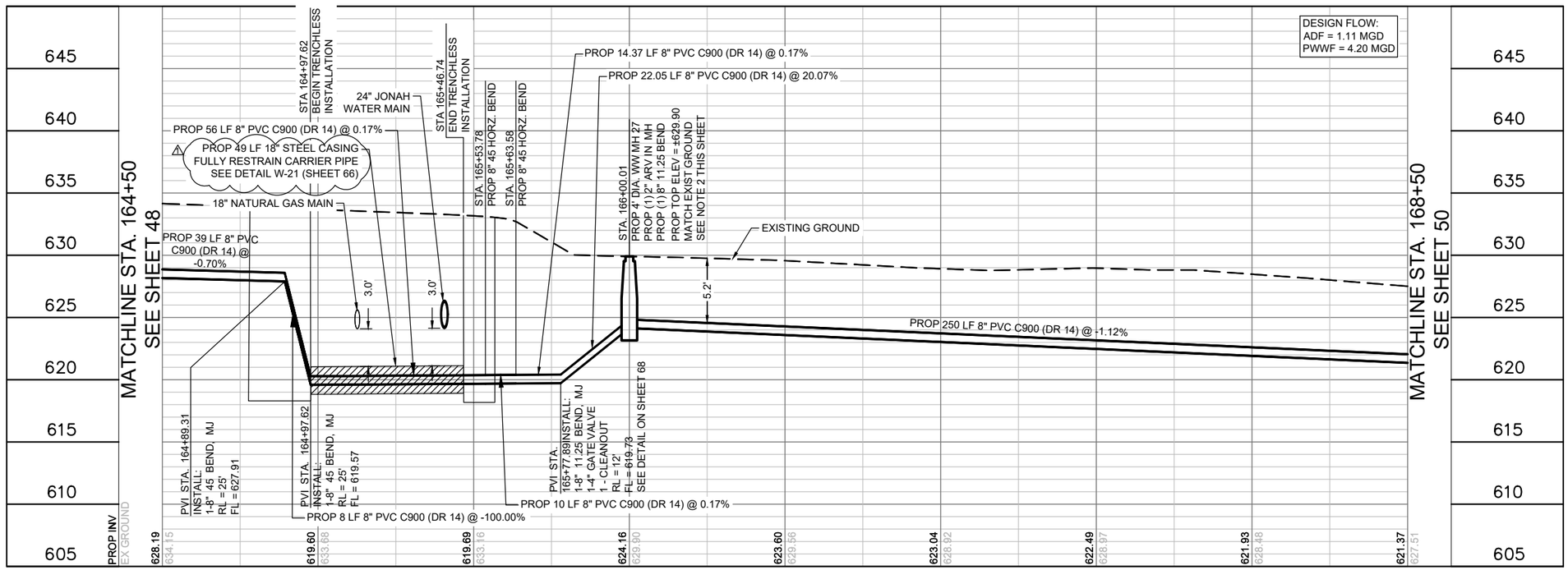
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER — EX–8" WW
- EXIST WATER MAIN — EX–4" W
- EXIST CRUDE OIL MAIN — EX–CRD
- EXIST NATURAL GAS MAIN — EX–NGL
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC — EX–OHE
- EXIST STORM DRAIN — EX–18" ST
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:

1. CONTRACTOR SHALL PROTECT FLINT HILLS PIPELINE PER NOTES SHEET. CONTRACTOR SHALL PROVIDE TWO WEEKS NOTICE TO FLINT HILLS REPRESENTATIVE FOR EXCAVATION.
   CONTACT: RYAN MCWHA
   PHONE: 512-318-1984
2. MANHOLES OUTSIDE OF PAVEMENT SHALL BE INSTALLED 2" ABOVE GRADE PER HUTTO STANDARD DETAIL WW-04



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

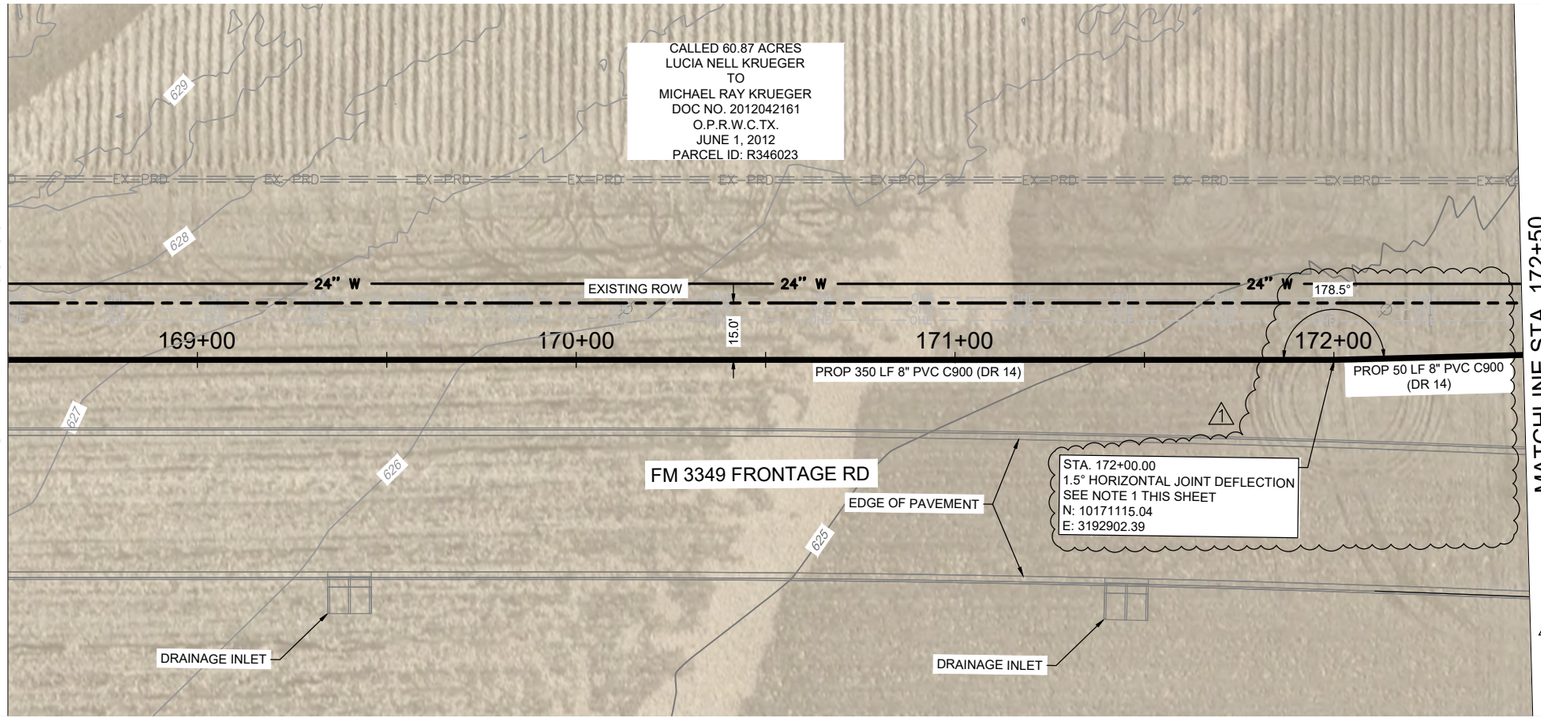
PLAN AND PROFILE
STA 164+50 TO STA 168+50

K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	49 OF 69

Printed: 9/9/2025 4:18 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR04 Layout: 49 STA 164+50 TO STA 168+50 Saved: 9/9/2025 4:08 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

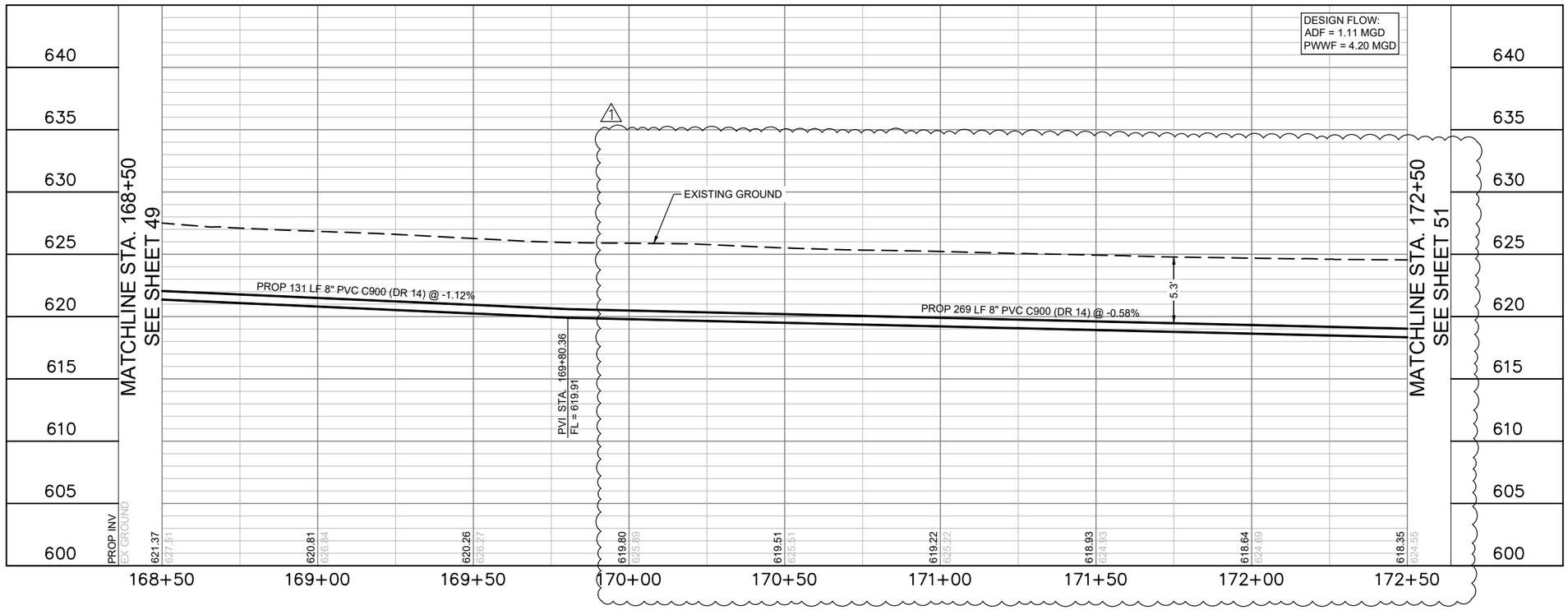


0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER -EX-8" WW-
- EXIST WATER MAIN -EX-4" W-
- EXIST CRUDE OIL MAIN —EX-CRD—
- EXIST NATURAL GAS MAIN —EX-NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX-OHE—
- EXIST STORM DRAIN —EX-18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

1 NOTES:
1. MAXIMUM JOINT DEFLECTION FOR 8" PVC PIPE IS 1.0°. CONTRACTOR SHALL DISTRIBUTE TOTAL HORIZONTAL DEFLECTIONS NEEDED OVER THE SPAN OF SEVERAL JOINTS TO AVOID OVER-DEFLECTION.



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	NH	7/23/2024	SHIFTED WW LINE WEST WITH DEFLECTIONS

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.
DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

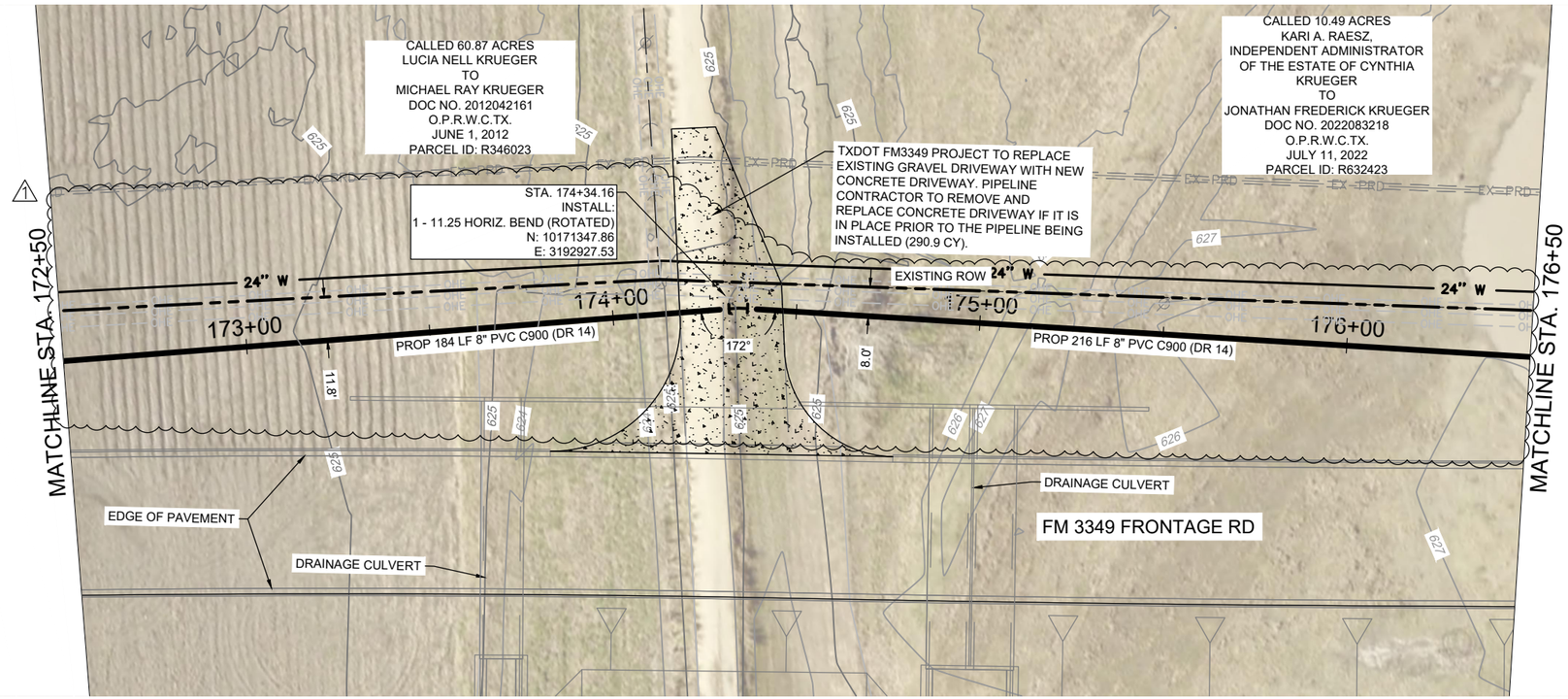
PLAN AND PROFILE
STA 168+50 TO STA 172+50

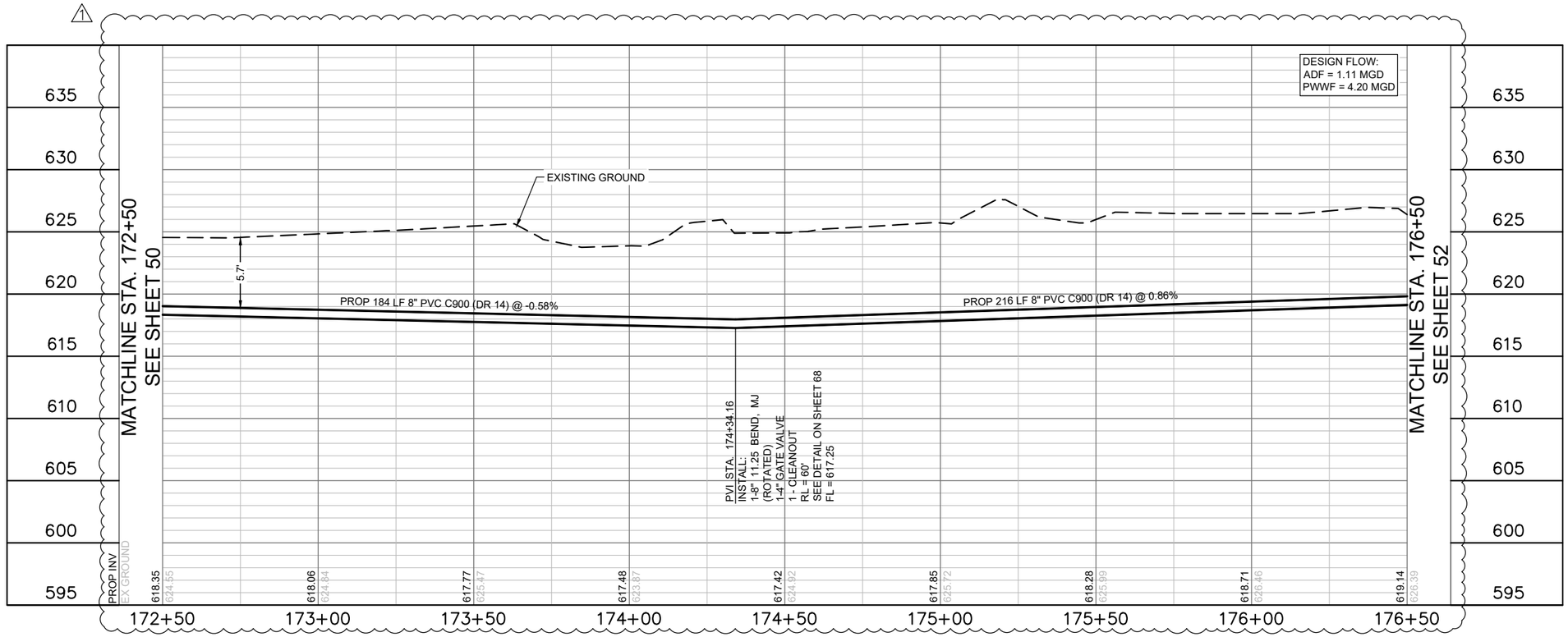
K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	50 OF 69

Printed: 9/9/2025 4:19 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR05 Layout: 50 STA 168+50 TO STA 172+50 Saved: 9/9/2025 3:47 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	NH	7/23/2024	SHIFTED WW LINE WEST WITH DEFLECTIONS

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 172+50 TO STA 176+50

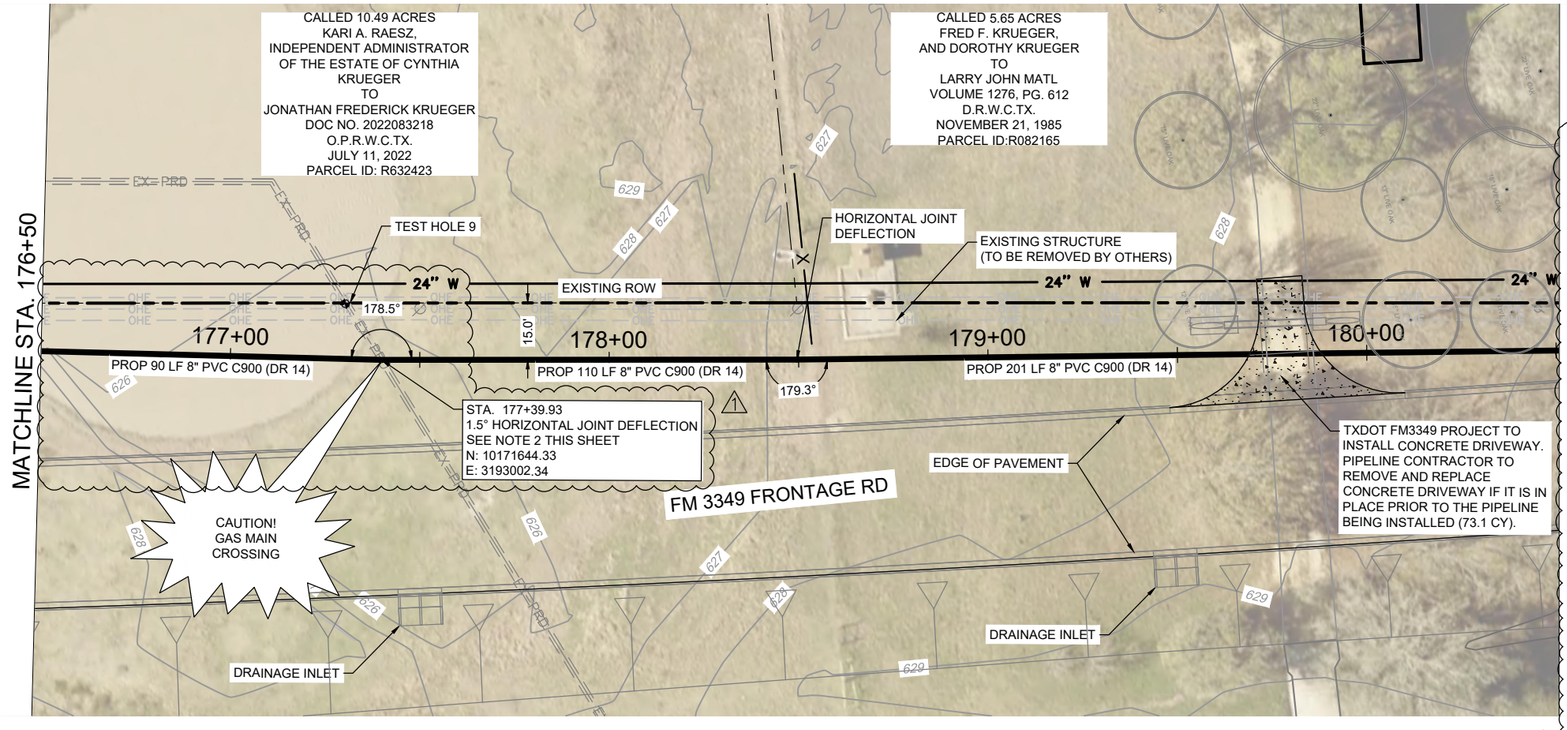
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	7/23/2024
DRAWING NO.	
SHEET NUMBER	51 OF 69

Printed: 9/9/2025 4:19 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR05 Layout: 51 STA 172+50 TO STA 176+50 Saved: 9/9/2025 3:47 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:19 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR05 Layout: 52 STA 176+50 TO STA 180+50 Saved: 9/9/2025 3:47 PM Last Saved By: afischer



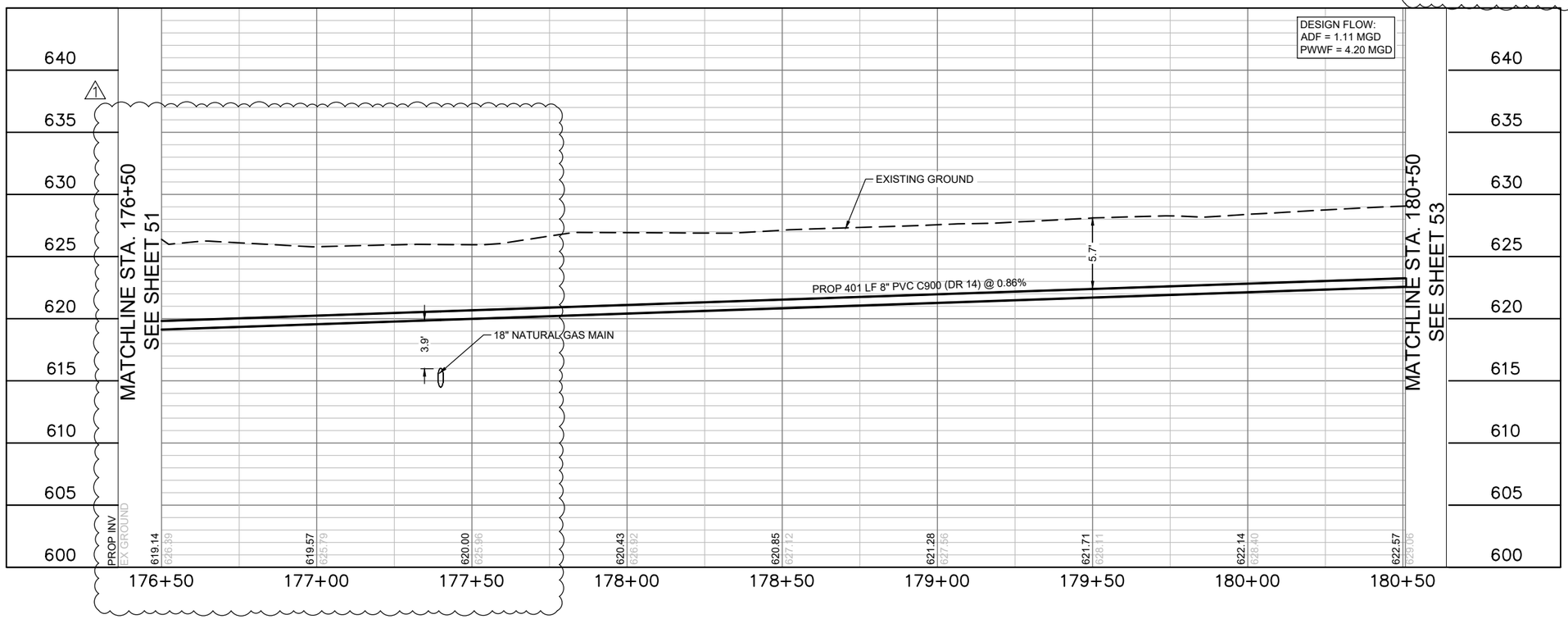
0' 20' 40' (H)
0' 5' 10' (V)

LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

NOTES:

1. CONTRACTOR SHALL PROTECT FLINT HILLS PIPELINE PER NOTES SHEET. CONTRACTOR SHALL PROVIDE TWO WEEKS NOTICE TO FLINT HILLS REPRESENTATIVE FOR EXCAVATION.
   CONTACT: RYAN MCWHA
   PHONE: 512-318-1984
2. MAXIMUM JOINT DEFLECTION FOR 8" PVC PIPE IS 1.0°. CONTRACTOR SHALL DISTRIBUTE TOTAL HORIZONTAL DEFLECTIONS NEEDED OVER THE SPAN OF SEVERAL JOINTS TO AVOID OVER-DEFLECTION.



REV. NO.	BY	DATE	REVISION DESCRIPTION
1	NH	7/23/2024	SHIFTED WW LINE WEST WITH DEFLECTIONS

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.
DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

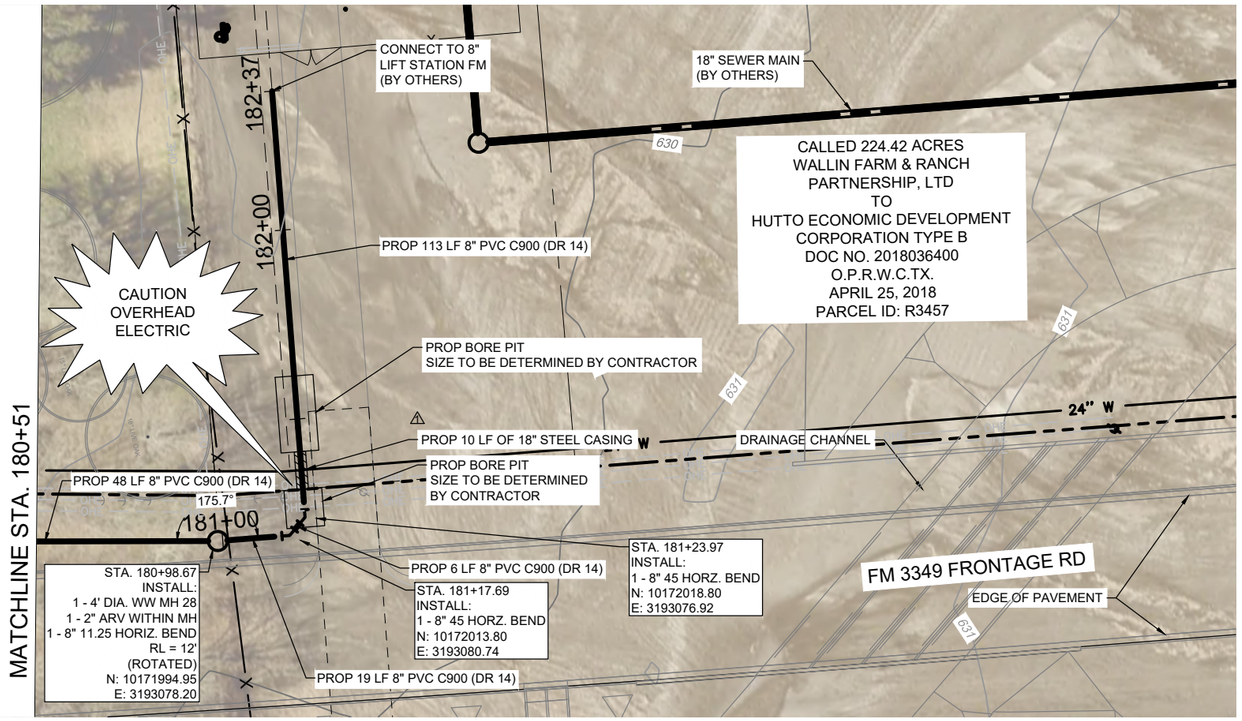
PLAN AND PROFILE
STA 176+50 TO STA 180+50

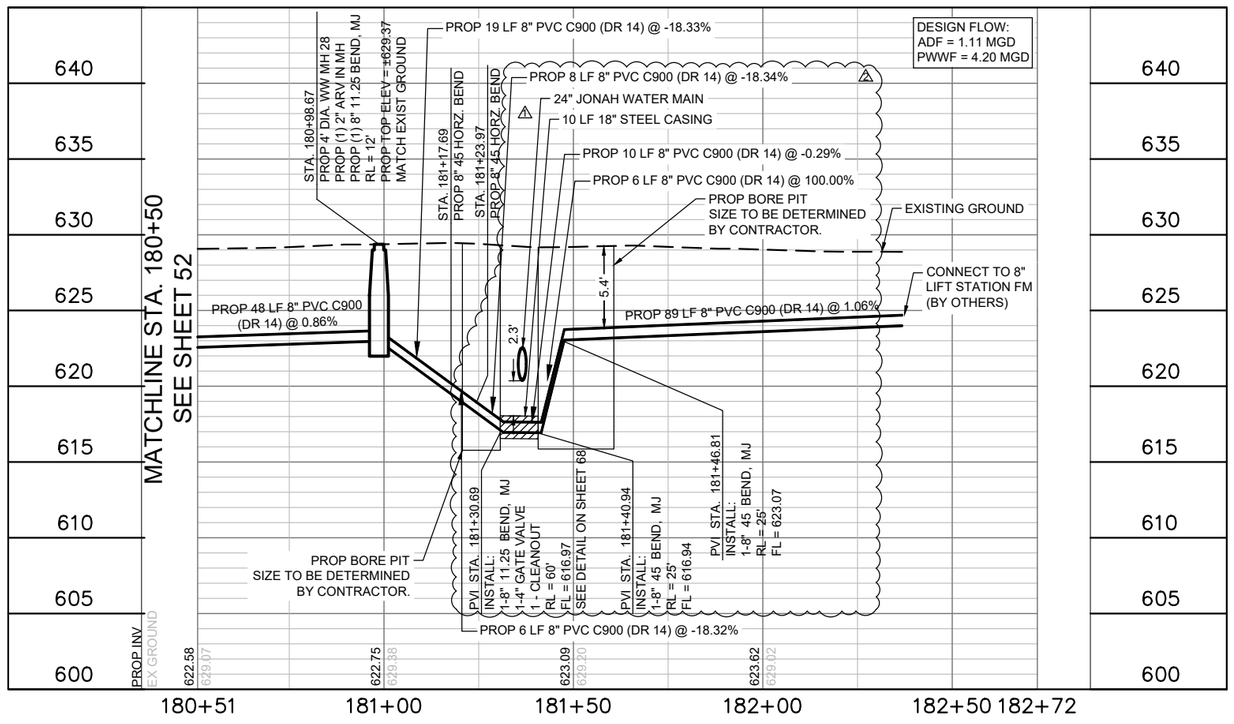
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

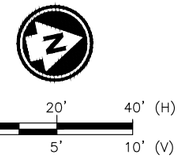
CITY OF HUTTO

SCALE	PER SHEET
DATE	7/23/2024
DRAWING NO.	
SHEET NUMBER	52 OF 69

Plot Style Table: KFA-BW.ctb







LEGEND

- PROP SANITARY SEWER
- PROP MANHOLE
- EXIST SANITARY SEWER —EX—8" WW—
- EXIST WATER MAIN —EX—4" W—
- EXIST CRUDE OIL MAIN —EX—CRD—
- EXIST NATURAL GAS MAIN —EX—NGL—
- UTILITY POLE LINE
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- RIGHT OF WAY
- EXIST UTILITY GUY WIRE
- EXIST OVERHEAD ELECTRIC —EX—OHE—
- EXIST STORM DRAIN —EX—18" ST—
- TEST HOLE
- EXIST SIGN
- EXIST CONTOURS
- PAVEMENT RESTORATION LIMITS

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1
2	AF	7/8/24	PVI EDITS

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

PLAN AND PROFILE
STA 180+50 TO END

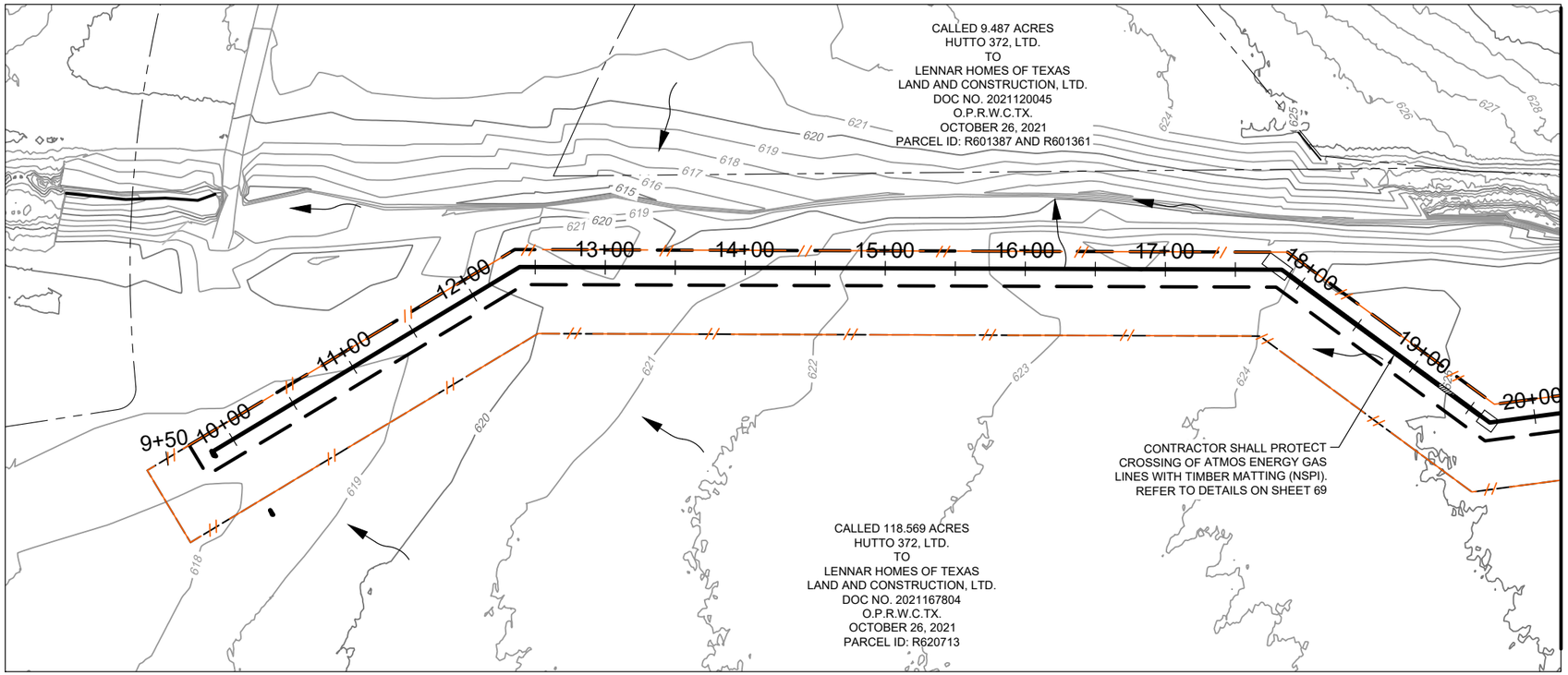
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

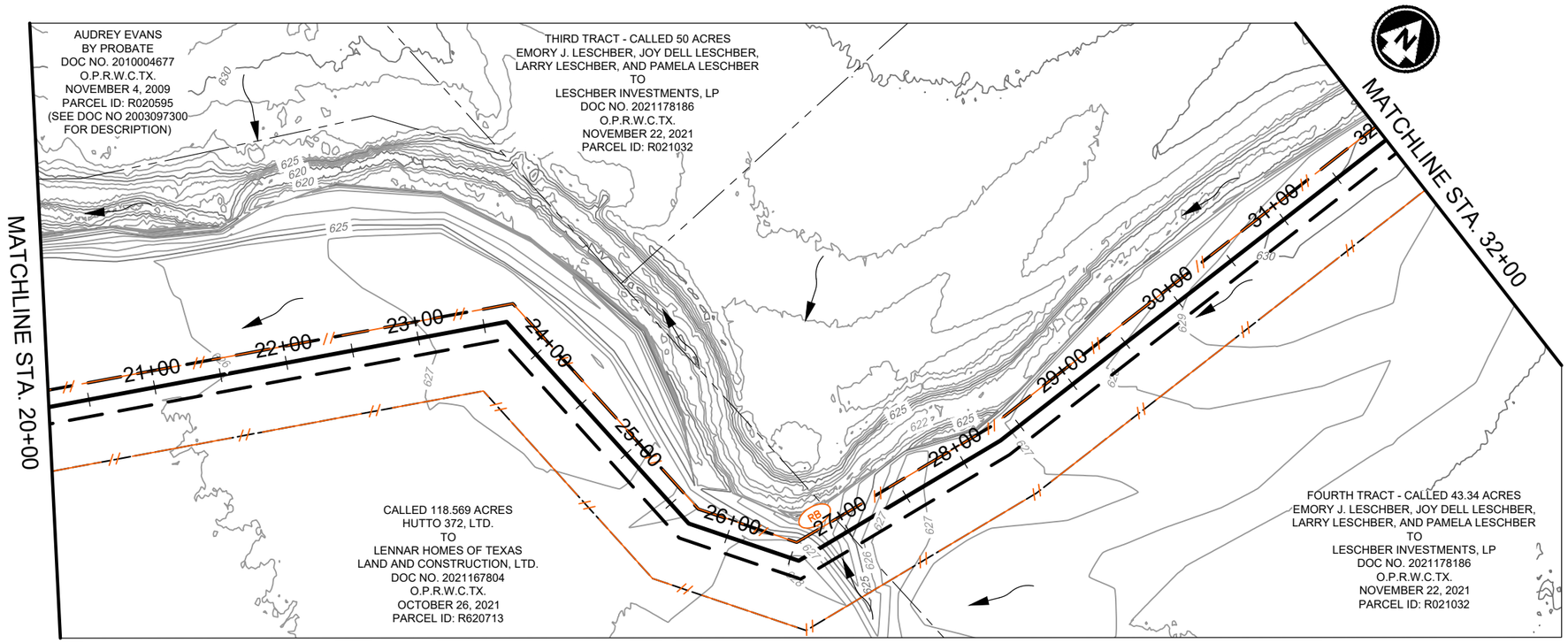
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	53 OF 69

Printed: 9/9/2025 4:19 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWPLPR05 Layout: 53 STA 180+50 TO END Saved: 9/9/2025 3:47 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:23 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 01 Saved: 4/2/2024 3:45 PM Last Saved By: afischer





0 50' 100'

LEGEND

- SILT FENCE
- ROCK BERM (RB)
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

NOTES:
1. J-HOOKS SHALL BE PLACED WHERE NECESSARY PER DETAIL ESC-04.

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

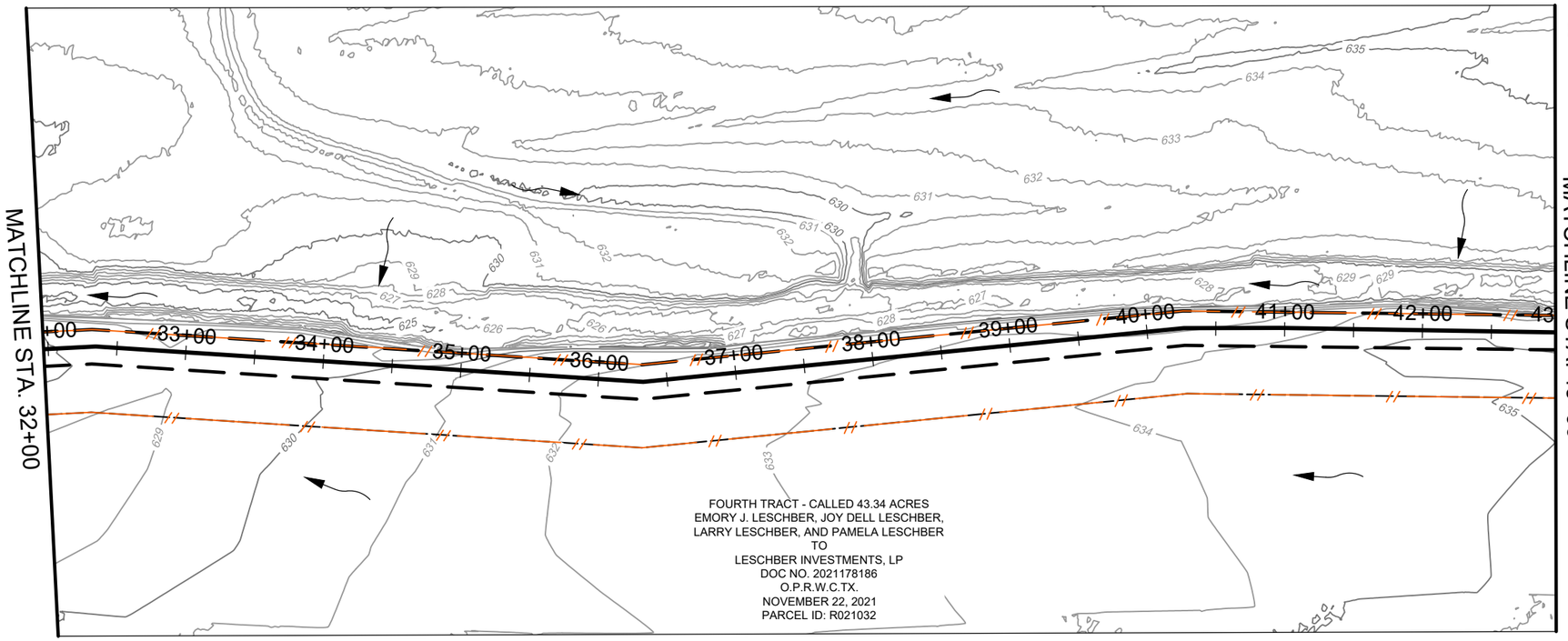
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
STORMWATER POLLUTION PREVENTION PLAN
EROSION (1 OF 8)

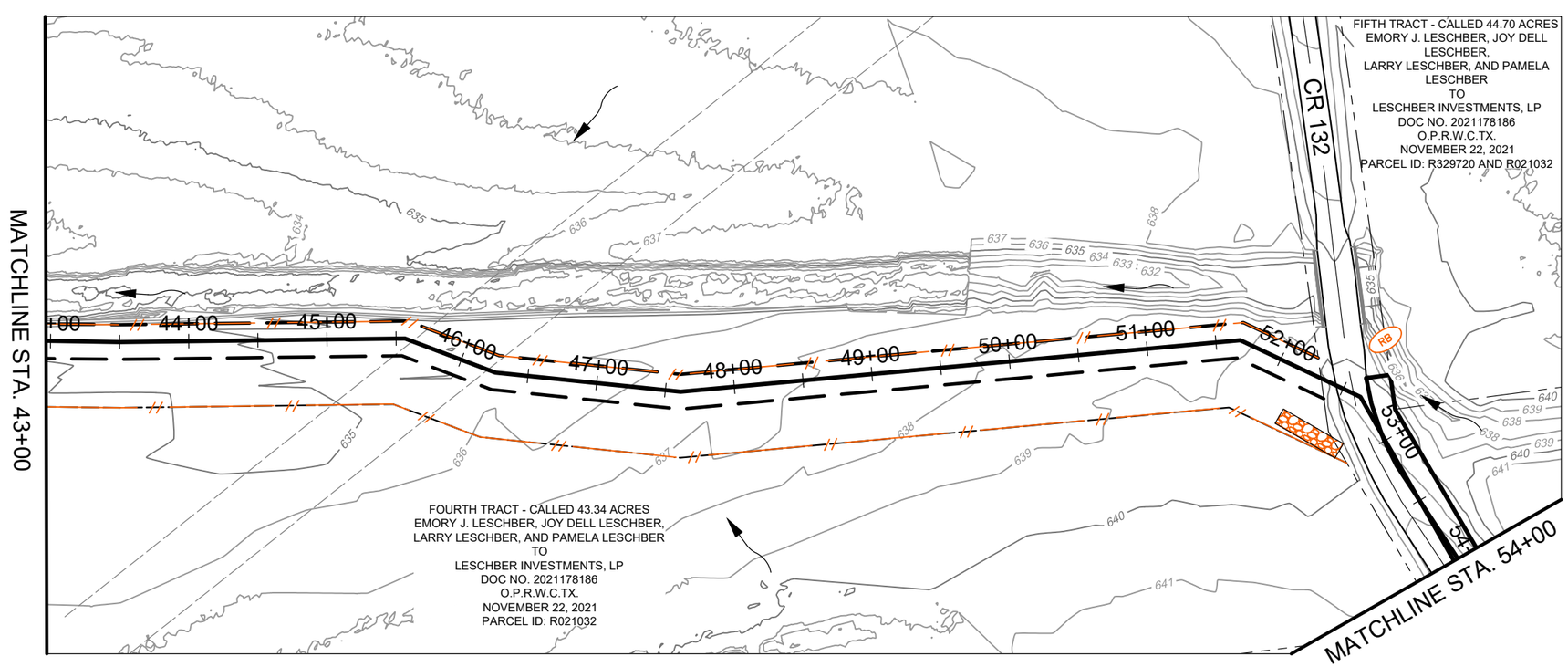
K-FRIESE + ASSOCIATES
A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	54 OF 69

Plot Style Table: KFA-BW.ctb





0 50' 100'

LEGEND

- SILT FENCE
- ROCK BERM (RB)
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

NOTES:
1. J-HOOKS SHALL BE PLACED WHERE NECESSARY PER DETAIL ESC-04.

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
STORMWATER POLLUTION PREVENTION PLAN
EROSION (2 OF 8)

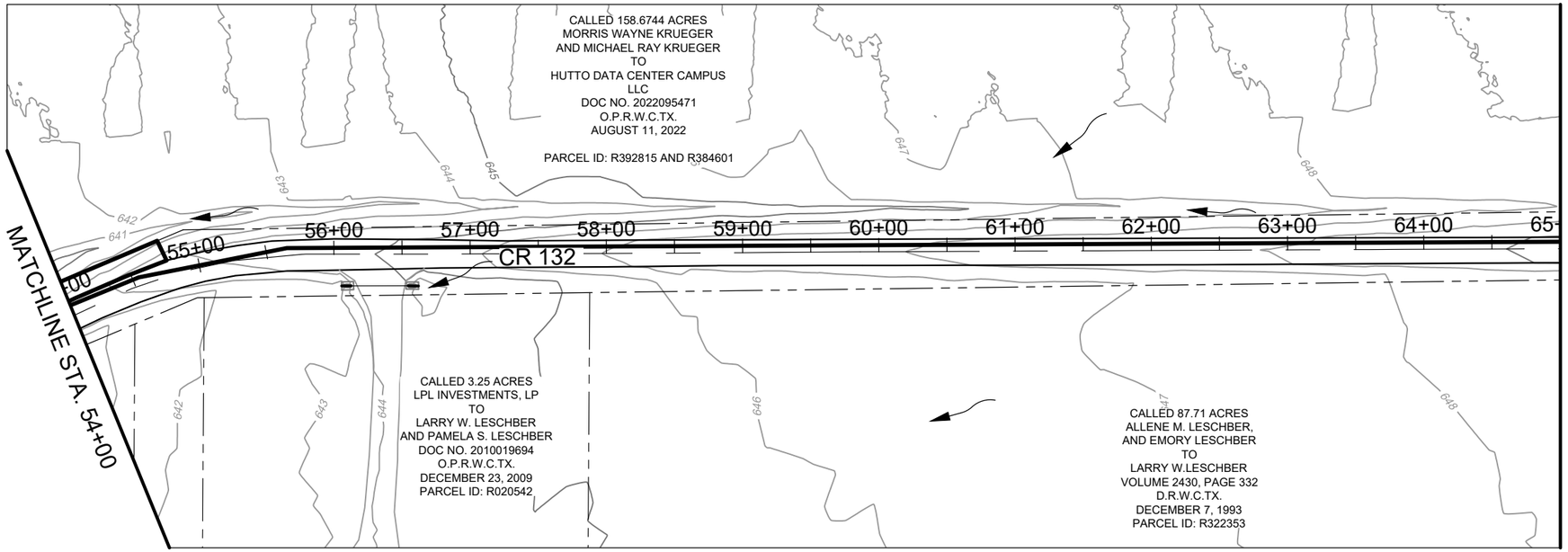
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

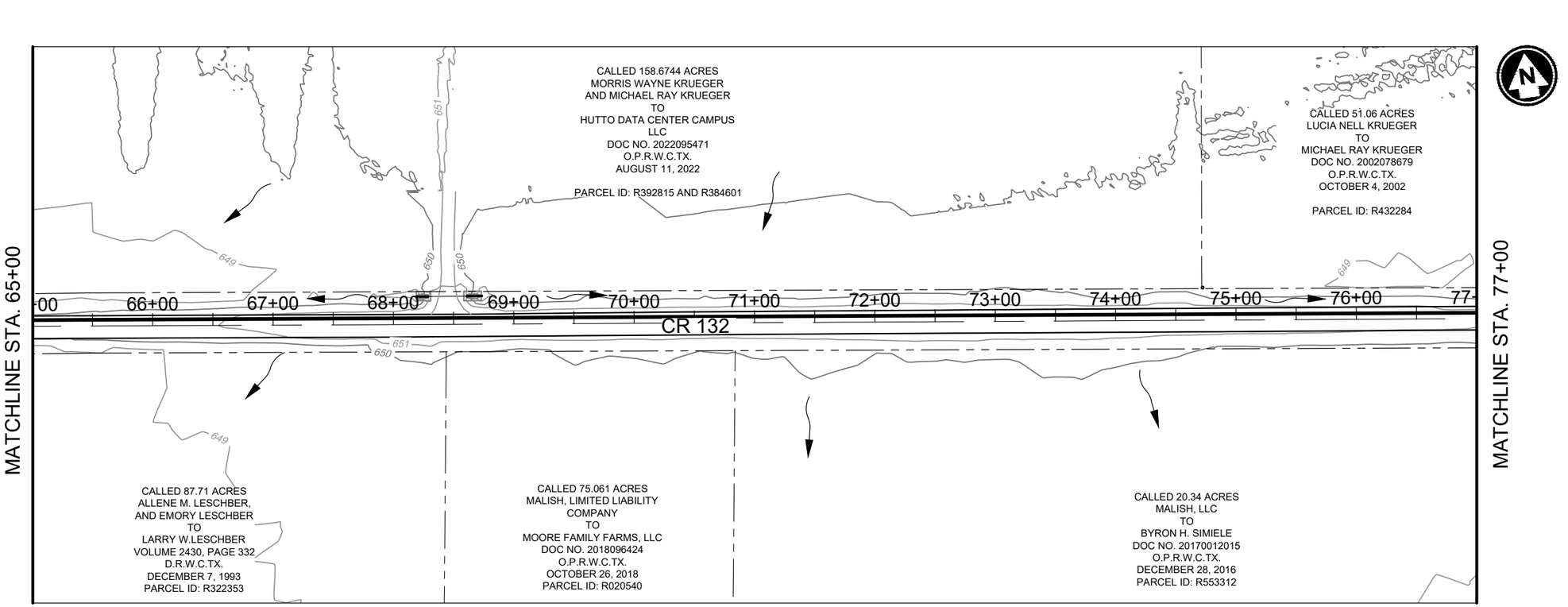
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	55 OF 69

Printed: 9/9/2025 4:23 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 02 Saved: 4/2/2024 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 03 Saved: 4/2/2024 3:45 PM Last Saved By: afischer





0 50' 100'

LEGEND

- SILT FENCE
- ROCK BERM (RB)
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

STORMWATER POLLUTION PREVENTION PLAN EROSION (3 OF 8)

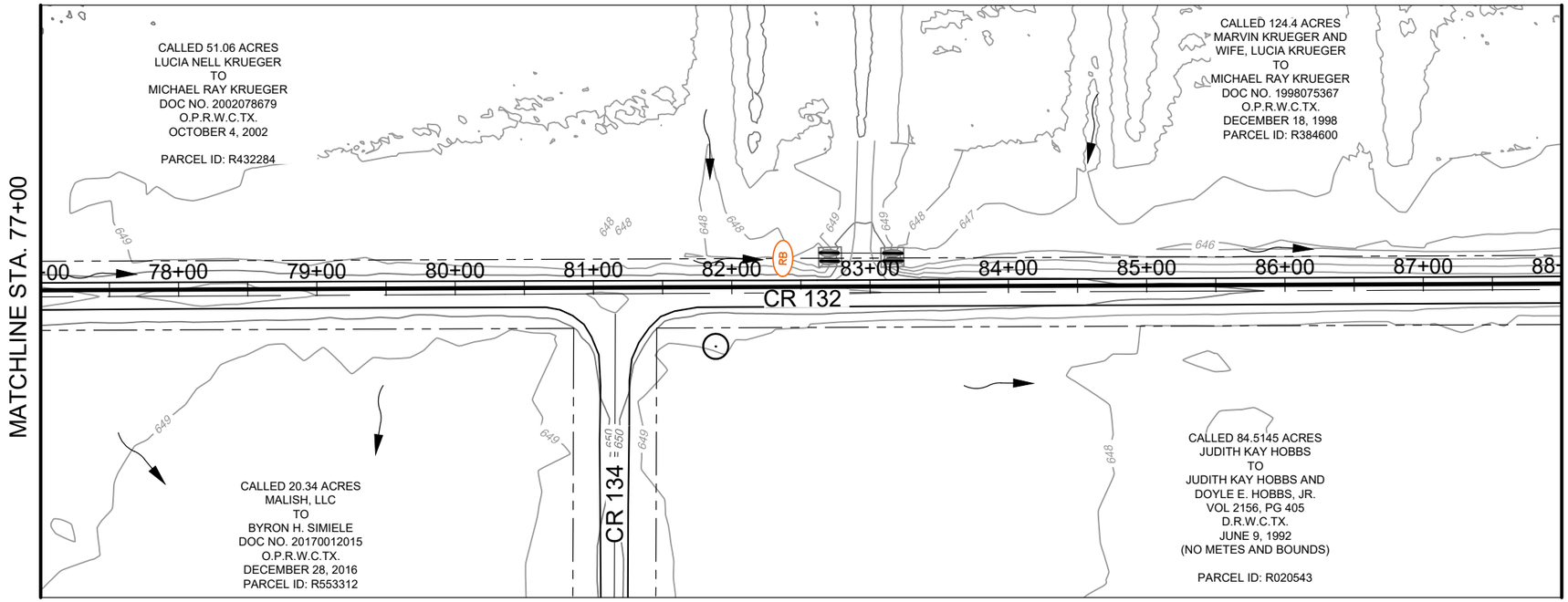
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

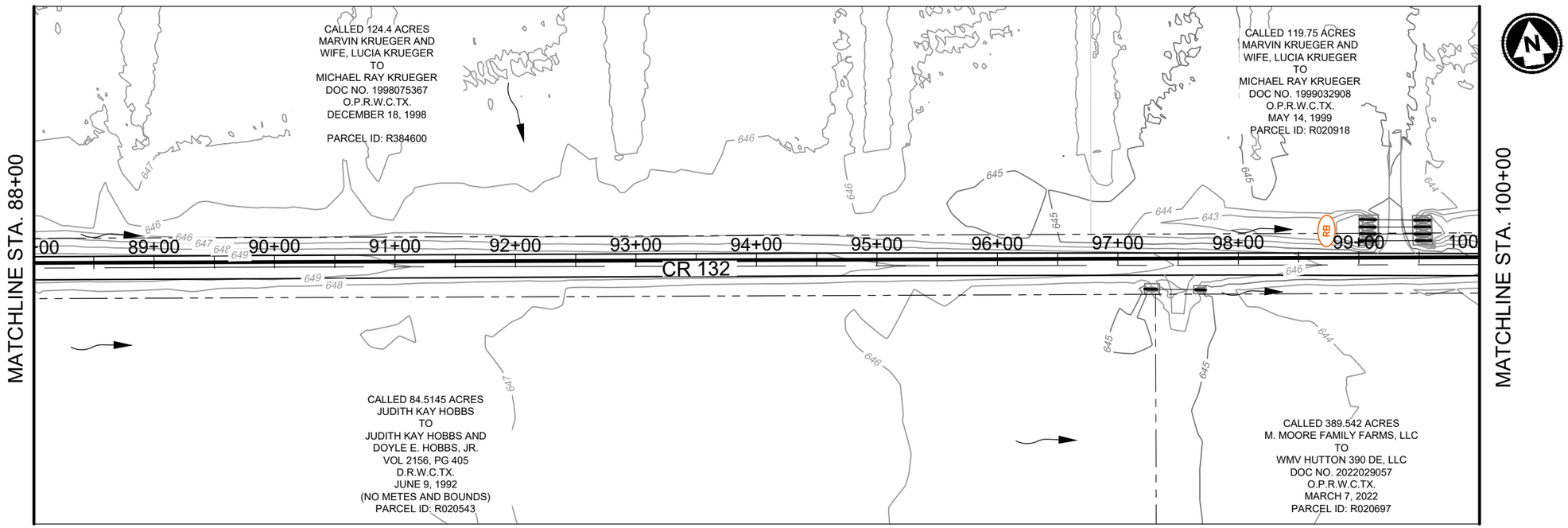
CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	56 OF 69

Plot Style Table: KFA-BW.ctb

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 04 Saved: 4/2/2024 3:45 PM Last Saved By: afischer





0 50' 100'

LEGEND

- SILT FENCE
- ROCK BERM (RB)
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
(FIRM # 6535)

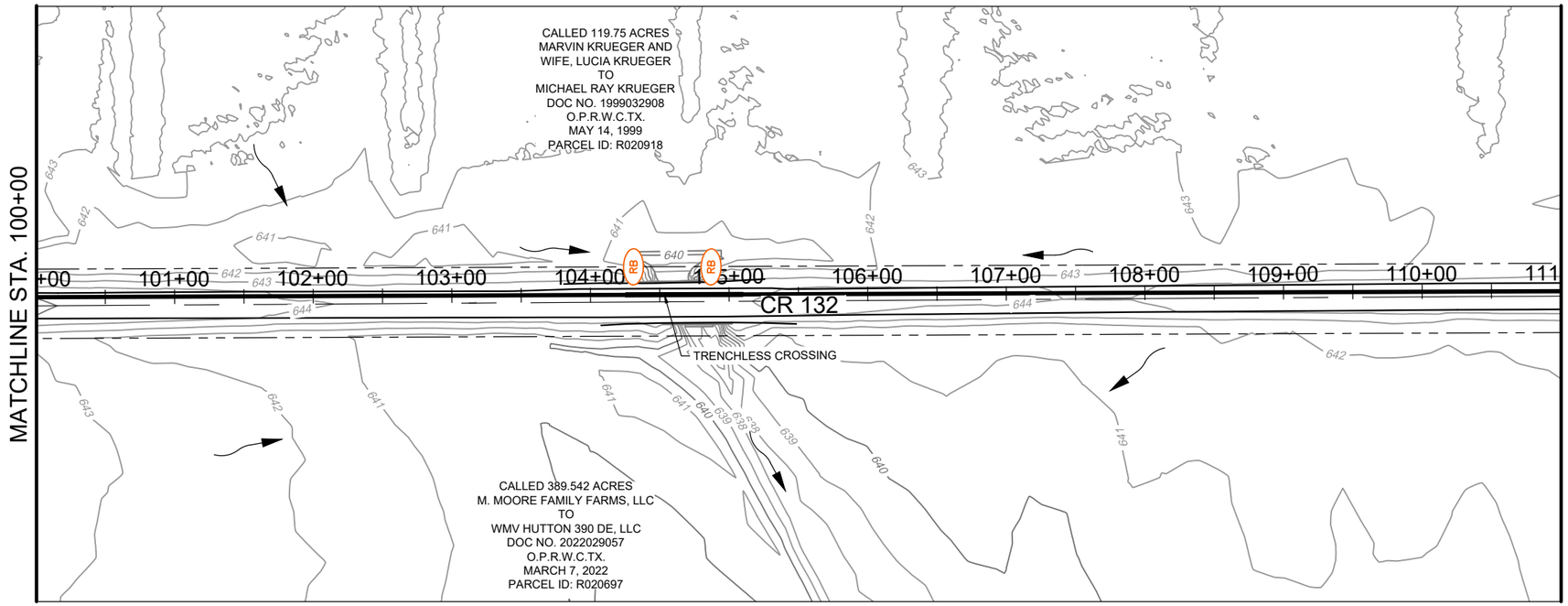
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

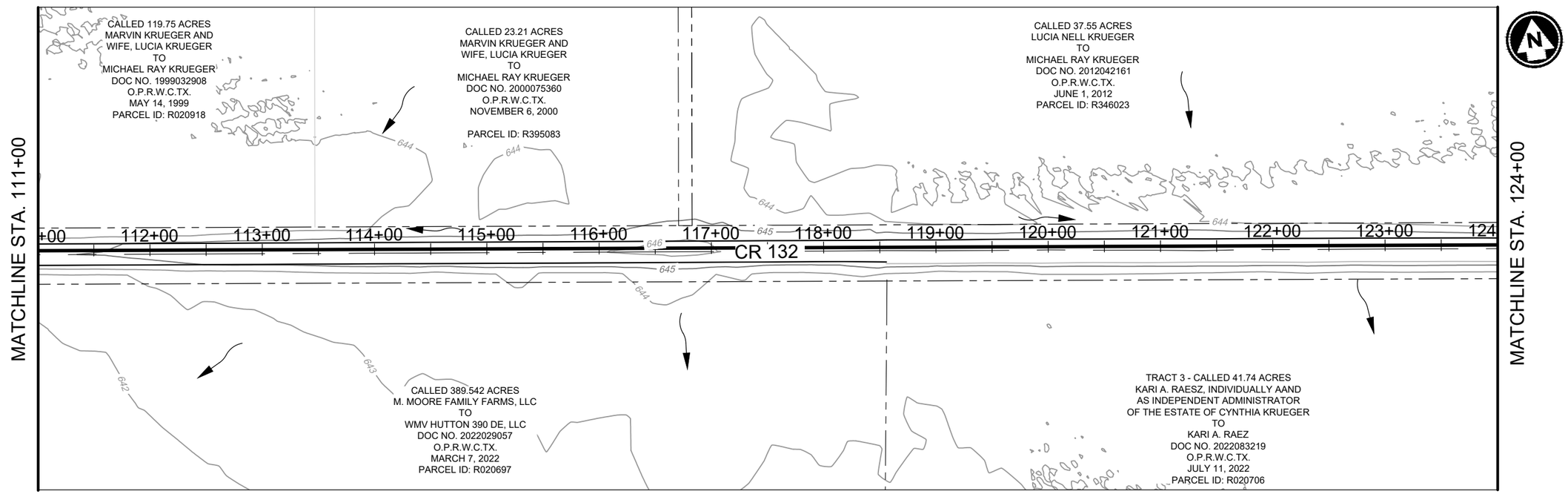
STORMWATER POLLUTION PREVENTION PLAN
EROSION (4 OF 8)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	57 OF 69

Plot Style Table: KFA-BW.ctb





0 50' 100'

LEGEND

- SILT FENCE
- ROCK BERM (RB)
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

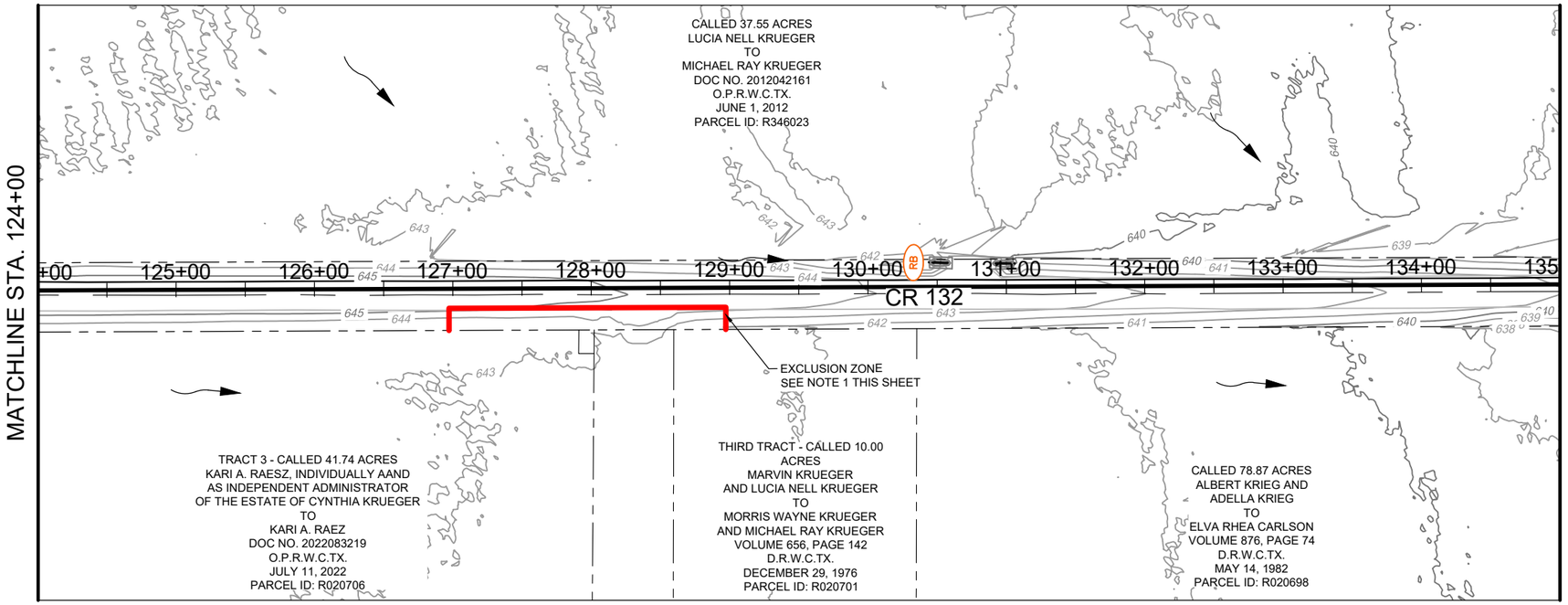
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
STORMWATER POLLUTION PREVENTION PLAN
EROSION (5 OF 8)

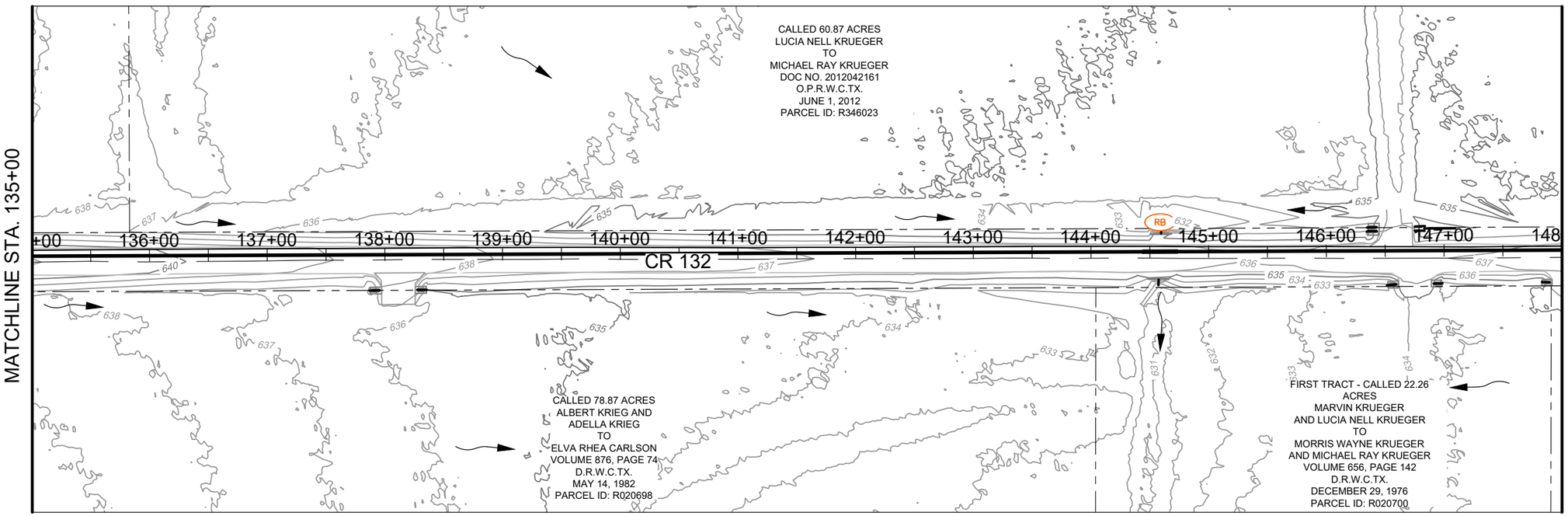
K·FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	58 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 05 Saved: 4/2/2024 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0 50' 100'

LEGEND

- SILT FENCE
- ROCK BERM
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

NOTES:

1. PER TEXAS HISTORICAL COMMISSION REQUIREMENTS, THE AREA IDENTIFIED AS THE EXCLUSION ZONE SHOULD BE ENCASED IN HIGH VISIBILITY CONSTRUCTION FENCING (NSPI). NO VEHICLES OR EQUIPMENT SHALL BE STAGED OR POSITIONED IN EXCLUSION ZONE. NO FOOT TRAFFIC IS PERMITTED IN EXCLUSION ZONE.

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
(FIRM # 6535)

CITY OF HUTTO

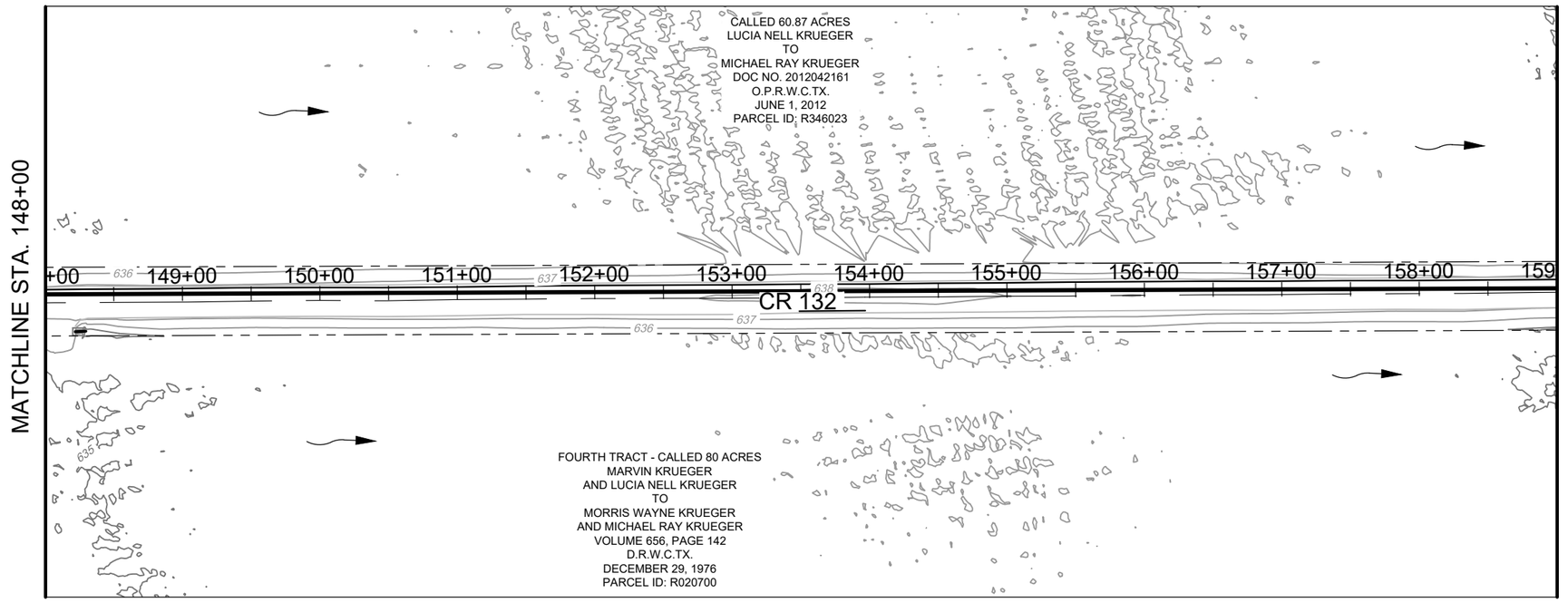
MEGASITE WW07-2023 WASTEWATER PIPELINE

STORMWATER POLLUTION PREVENTION PLAN
EROSION (6 OF 8)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	59 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 06 Saved: 4/2/2024 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

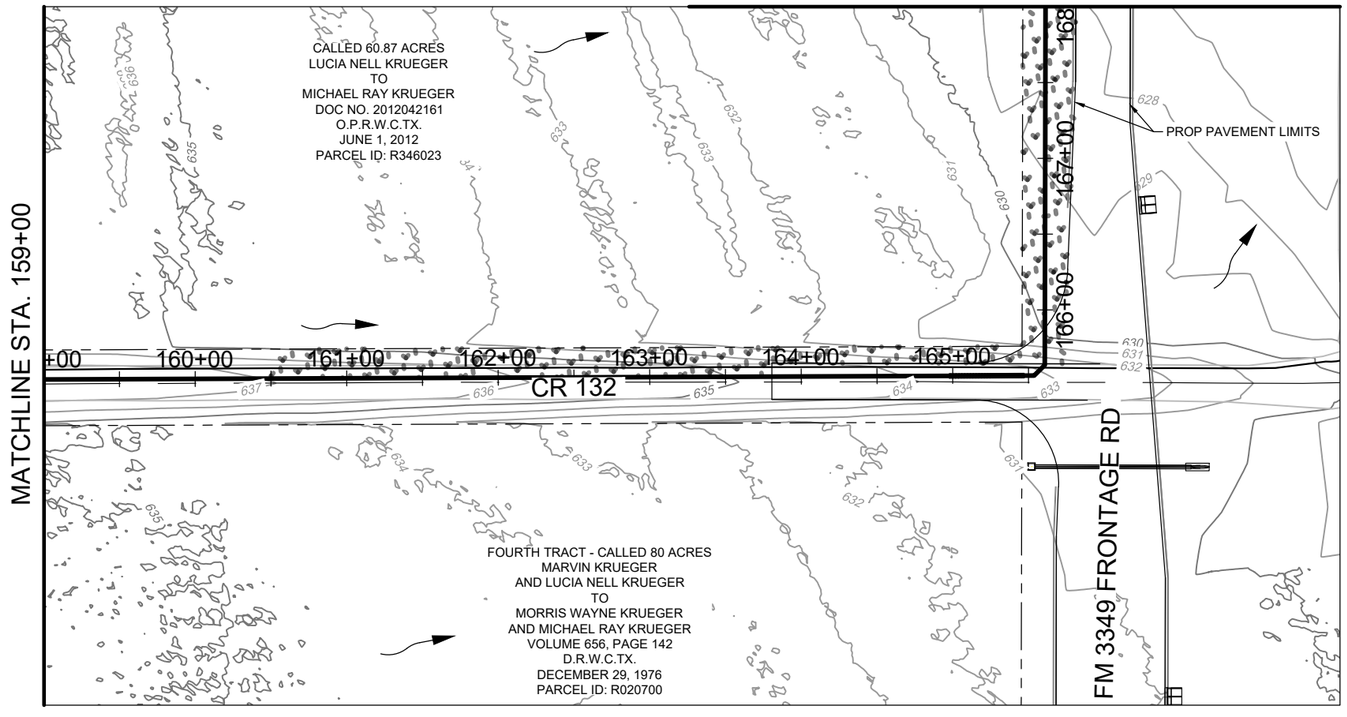


LEGEND

- SILT FENCE
- ROCK BERM (RB)
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

MATCHLINE STA. 168+00



REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

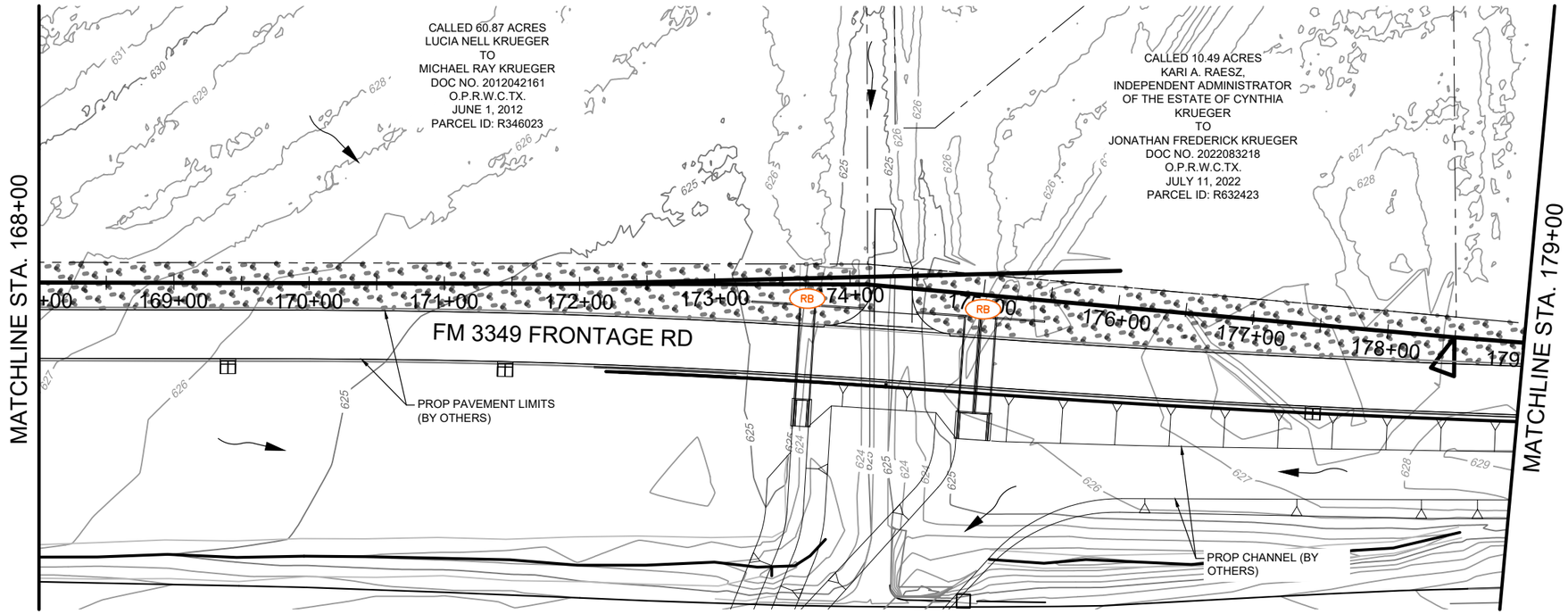
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
STORMWATER POLLUTION PREVENTION PLAN
EROSION (7 OF 8)

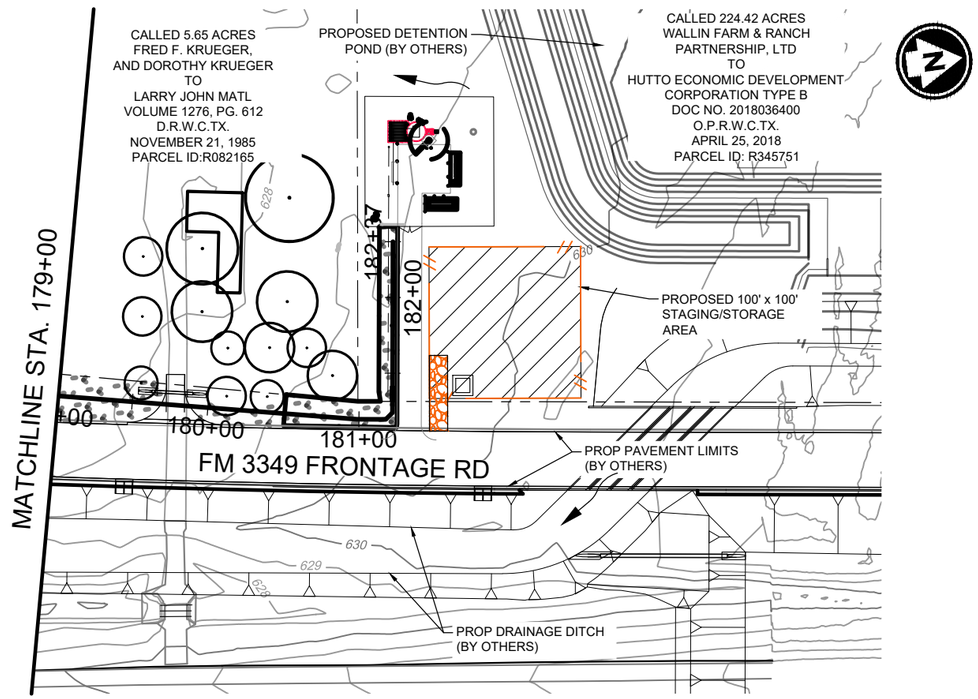
K·FRIESE + ASSOCIATES, A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	60 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 07 Saved: 4/2/2024 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb





0 50' 100'

LEGEND

- SILT FENCE
- ROCK BERM (RB)
- CONST. ENTRANCE
- PROP SANITARY SEWER
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPERTY LINE
- EXIST CONTOURS
- FLOW DIRECTION
- PROPOSED STAGING/STORAGE AREA
- CONCRETE WASHOUT

TOTAL DISTURBANCE AREA = 12.2 ACRES

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

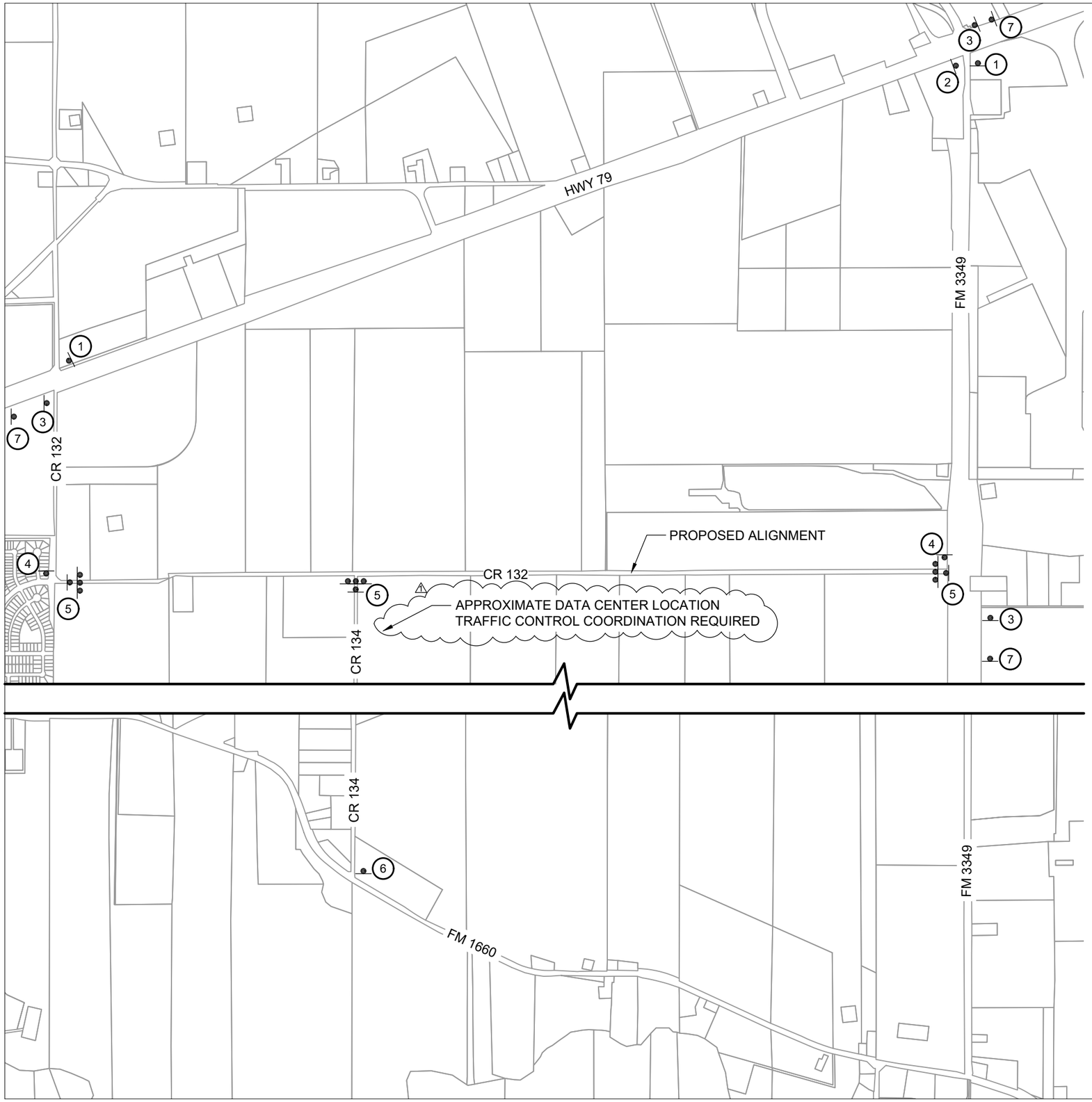
STORMWATER POLLUTION PREVENTION PLAN
EROSION (8 OF 8)

K-FRIESE + ASSOCIATES a LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	PER SHEET
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	61 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWERO Layout: EROSION 08 Saved: 4/2/2024 3:45 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



0 1500' 3000'

GRAPHIC SCALE 1500'

LEGEND

TRAFFIC CONTROL SIGN

TYPE III BARRICADE

KEY NOTES

1. CR 132 DETOUR — M4–12T 36" X 12" / M4–9L 30" X 24"
2. CR 132 DETOUR — M4–12T 36" X 12" / M4–9R 30" X 24"
3. CR 132 DETOUR — M4–12T 36" X 12" / M4–9S 30" X 24"
4. CR 132 END DETOUR — M4–12T 36" X 12" / M4–8a 24" X 18"
5. ROAD CLOSED TO THRU TRAFFIC — R11–4 60" X 30"
6. ROAD CLOSED AHEAD — CW20–3D 30" X 30"
7. DETOUR AHEAD — CW20–2D 30" X 30"

NOTES:

1. THE INTENT BEHIND THE TRAFFIC CONTROL PLAN IS FOR THE CONTRACTOR TO WORK IN A SMALL AREA AT A TIME. CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENTS AT ALL TIMES, COMING FROM ONE DIRECTION OR THE OTHER ALONG CR 132.
2. CONTRACTOR MAY ONLY WORK WITHIN CR132 DURING THE HOURS OF 9AM - 4PM. TRENCHES SHALL BE BACKFILLED AT THE END OF THE DAY, AND CR132 SHALL BE OPEN FOR 2-WAY TRAFFIC OUTSIDE OF THESE WORK HOURS.
3. CONTRACTOR SHALL PROVIDE A 2 WEEK NOTICE TO THE CITY OF HUTTO TO BE PLACED ON THE CITY'S WEBSITE, AS WELL AS TO THE DATA CENTER, PRIOR TO BEGINNING WORK ON CR132.
4. CONTRACTOR SHALL COORDINATE WITH THE CITY OF HUTTO ON PAVEMENT RESTORATION. IF THE PAVEMENT IS DAMAGED BEYOND THE LIMITS OF TRENCH RESTORATION, CONTRACTOR SHALL COORDINATE WITH WILLIAMSON COUNTY TO SECURE APPROPRIATE ROW PERMITS.

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/7/24	ADDENDUM 1

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

MEGASITE WW07-2023 WASTEWATER PIPELINE

TRAFFIC CONTROL PLAN
CR 132 DETOUR

K·FRIESE + ASSOCIATES a LOCHNER COMPANY

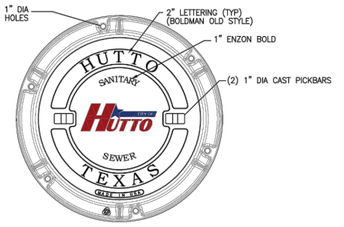
(FIRM # 6535)

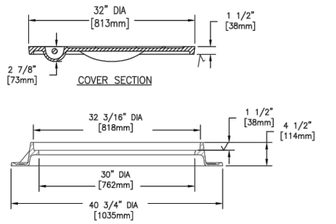
CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	62 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900SHTWWTCP Layout: 62 CR 132 DETOUR Saved: 9/9/2025 4:09 PM Last Saved By: afischer

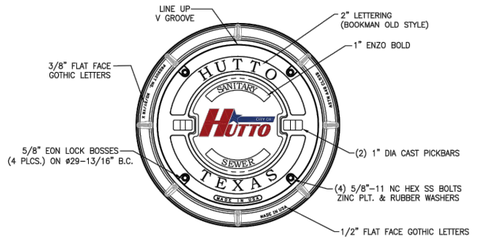
Plot Style Table: KFA-BW.ctb

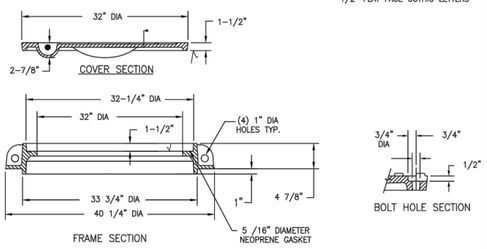




NOTES:
1. STANDARD WASTEWATER MANHOLE SET TO BE EAST JORDAN IRON WORKS, INC. CATALOG NO V1420RG/V1432DI OR CITY ENGINEER APPROVED EQUAL, COVER TO BE STAMPED "SANITARY SEWER."
2. STANDARD WASTEWATER MANHOLE SET TO BE HEAVY DUTY LOAD RATED.
3. FOR MORE DETAILED SPECIFICATIONS, REFER TO EAST JORDAN IRON WORKS, INC. REFERENCE PRODUCT DRAWING NO. 41432106A01.
4. FOR BOLTED WASTEWATER MANHOLE SET REFER TO CITY OF HUTTO DETAIL WW03.
5. MANHOLE COVER TO BE DUCTILE IRON PER ASTM A536 (70-50-05).
6. MANHOLE FRAME TO BE GRAY IRON PER ASTM A48 CL35B.

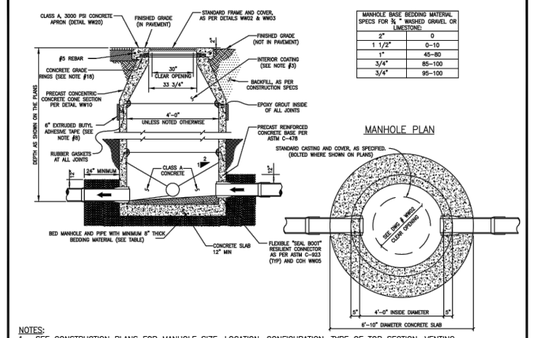
The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	STANDARD MANHOLE DETAIL	
		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-02





NOTES:
1. BOLTED WASTEWATER MANHOLE SET TO BE EAST JORDAN IRON WORKS, INC. CATALOG NO. B2432, OR CITY ENGINEER APPROVED EQUAL.
2. COVER TO BE STAMPED "SANITARY SEWER".
3. STANDARD WASTEWATER MANHOLE SET TO BE HEAVY DUTY LOAD RATED.
4. FOR MORE DETAILED SPECIFICATIONS, REFER TO EAST JORDAN IRON WORKS, INC. REFERENCE PRODUCT DRAWING 42432115W01.
5. FOR STANDARD WASTEWATER MANHOLE SET REFER TO COH DETAIL WW02.
6. MANHOLE COVER TO BE DUCTILE IRON PER ASTM A536 (70-50-05).
7. MANHOLE FRAME TO BE GRAY IRON PER ASTM A48 CL35B.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	BOLTED MANHOLE DETAIL	
		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-03

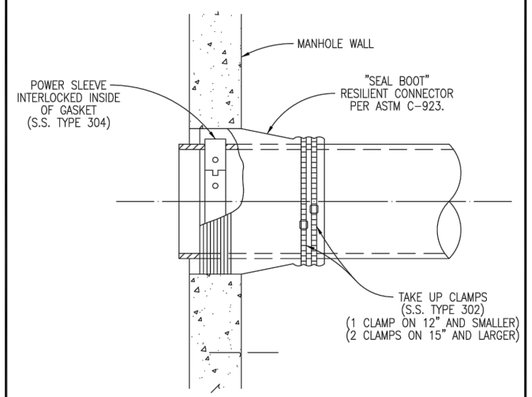


MANHOLE BASE BEDDING MATERIAL SPECS FOR ¾" - WASHED GRAVEL OR LIMESTONE:	
2"	0
1 1/2"	0-10
1"	45-80
3/4"	85-100
3/4"	95-100

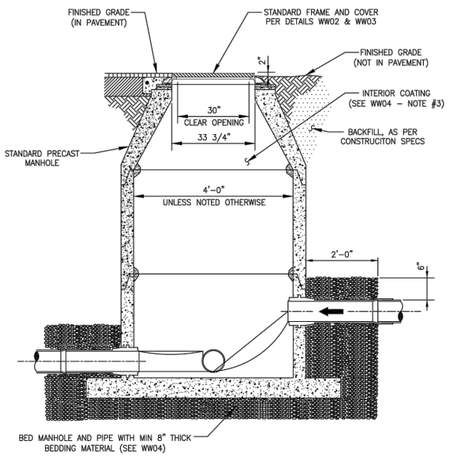
MANHOLE PLAN

NOTES:
1. SEE CONSTRUCTION PLANS FOR MANHOLE SIZE, LOCATION, CONFIGURATION, TYPE OF TOP SECTION, VENTING REQUIREMENTS, PIPE SIZES AND TYPES.
2. SEE SPECIFICATIONS ON MATERIALS AND CONSTRUCTION.
3. ENTIRE INTERIOR OF WASTEWATER MANHOLES TO BE COATED WITH RAVEN 405, OR APPROVED EQUAL, WITH A UNIFORM THICKNESS OF 124 MILS AND A MINIMUM THICKNESS OF 100 MILS, APPLIED AFTER MANHOLE HAS PASSED THE VACUUM TEST.
4. ALL MANHOLE COVERS SHALL BE BOLTED AND GASKETED, WHEN MANHOLES ARE LOCATED OUTSIDE OF PAVEMENT.
5. MANHOLES TO BE VENTED ARE IDENTIFIED ON MANHOLE SCHEDULE, REFERENCE MANHOLE VENT DETAIL.
6. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO THE FLOW STREAM. ALL P.V.C. PIPE SHALL BE REMOVED FROM INVERT.
7. FRAME ADJUSTMENT HEIGHT SHALL BE FIVE INCHES (5") MINIMUM AND EIGHTEEN INCHES (18") MAXIMUM.
8. EXTERIOR OF EACH JOINT TO BE WRAPPED IN 6" EXTRUDED BUTYL ADHESIVE TAPE WHEN MANHOLE IS LOCATED INT EH 100-YR FLOODPLAIN.
9. MANHOLES TO BE DESIGNED TO RESIST LATERAL AND VERTICAL SOIL FORCES RESULTING FROM MANHOLE DEPTH. ADDITIONALLY, MANHOLES LOCATED IN PAVEMENT TO BE DESIGNED FOR H20 TRAFFIC LOADING.
10. BASE SECTION SHALL BE DESIGNED FOR H20 LOADING, PLUS EARTH LOAD AT 130 PCF.
11. ALL MANHOLES SHALL BE 48" I.D. PRECAST R.C.P., CLASS III, ASTM C578 BELL AND SPIGOT WITH RUBBER O-RING GASKET JOINTS CONFORMING TO ASTM C478, C433 AND C76.
12. ALL MANHOLES SHALL HAVE WATER-TIGHT FRAME AND COVER, WITH A MINIMUM OF 30" CLEAR OPENING, AS MANUFACTURED BY EAST JORDAN IRON WORKS (AS PER DETAIL WW02 AND WW03) OR CITY ENGINEER APPROVED EQUAL.
13. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON FRAME AND COVER.
14. ALL MANHOLES SHALL HAVE A CONCENTRIC CONE.
15. MANHOLES MAY HAVE A FLAT LID, IF APPROVED BY CITY OF HUTTO, BEING 12" THICK WITH A MINIMUM 30" OPENING, AS MANUFACTURE BY CALVERT CONCRETE OR CITY ENGINEER APPROVED EQUAL M.F.G. CONFORMING TO ASTM C478, 5000 P.S.I. CONCRETE, TRAFFIC BEARING, AND O-RING JOINT CONFORMING TO ASTM C443.
16. INVERTS AND FLEXIBLE SEAL BOOTS, PER ASTM C-923, SHALL BE CAST INTO BASE SECTION.
17. MINIMUM DROP BETWEEN INVERTS SHALL BE ONE-TENTH OF A FOOT (0.1').
18. TWO INCH (2") GRADE RINGS WITH AN I.D. TO MATCH FRAMES CLEAR OPENING, MINIMUM OF TWO (2), MAXIMUM OF FIVE (5) GRADE RINGS REQUIRED.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	STANDARD MANHOLE DETAIL	
		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-04

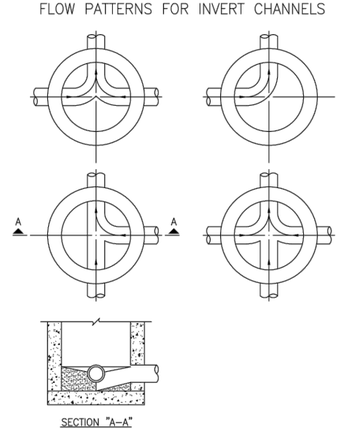


The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	FLEXIBLE SEAL BOOT DETAIL	
		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-05



NOTES:
1. TO BE USED WHERE DROP IS SIX INCHES (6") TO TWO FEET (2'). DROPS GREATER THAN 2' USE TYPE "A".
2. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO FLOW STREAM.
3. CONSTRUCTION OF DROP SHALL PROVIDE AN OVERSIZED SLAB TO EXTEND UNDER THE DROP CONNECTION.
4. MINIMUM PIPE SIZE FOR DROP IS EIGHT INCHES (8").
5. SEE STANDARD MANHOLE DETAIL (WW04) FOR ADDITIONAL REQUIREMENTS.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	DROP MANHOLE TYPE "B" DETAIL	
		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-06



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.
6. MANHOLE BASE SHALL BE 12" THICK MINIMUM.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	FLOW PATTERNS FOR INVERTS DETAIL	
		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-08

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

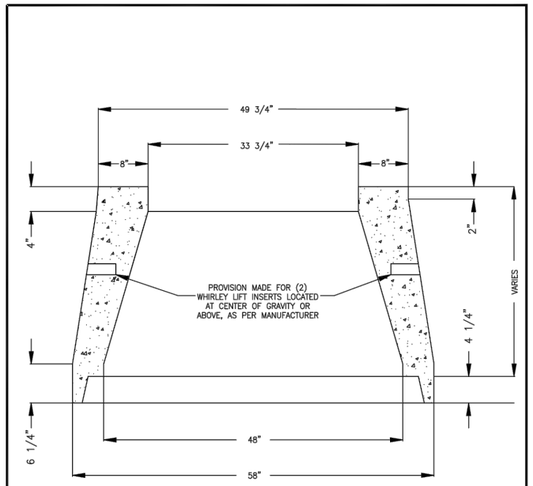
STANDARD DETAILS
(1 OF 7)

K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

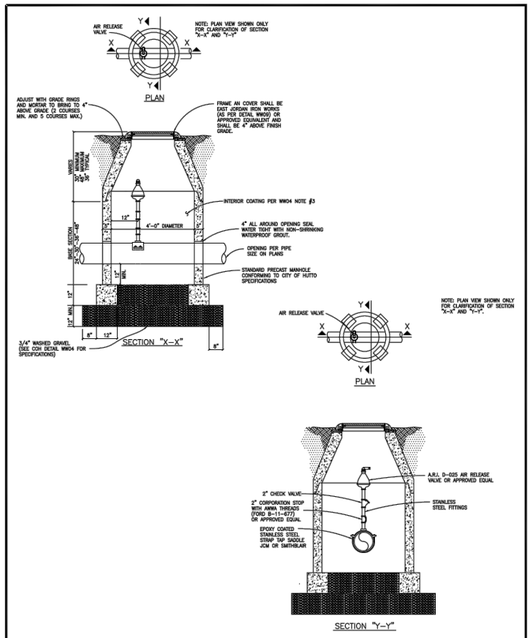
CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	63 OF 69

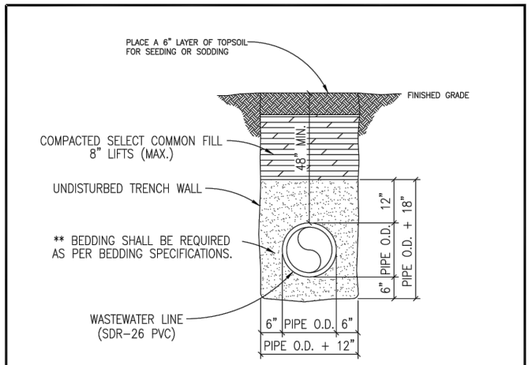
Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900GNDTLS Layout: 63 (1 OF 7) Saved: 9/9/2025 4:10 PM Last Saved By: dfischer
Plot Style Table: KFA-BW.ctb



The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	48" PRECAST CONCRETE CONCENTRIC CONE DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-09



The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	STANDARD AIR RELEASE VALVES FOR FORCE MAINS DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-14

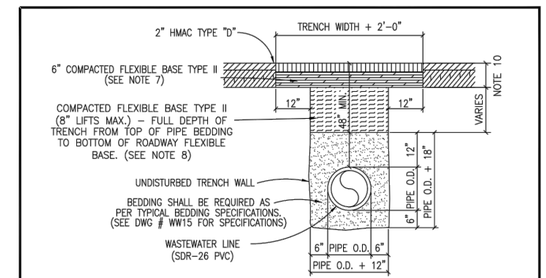


** TYPICAL BEDDING SPECIFICATIONS:

SIEVE SIZE	3/8" F % RETAINED	1/2" D % RETAINED
1/2"	0	0
3/8"	0–2	5–25
#4	40–85	80–100
#10	95–100	96–100

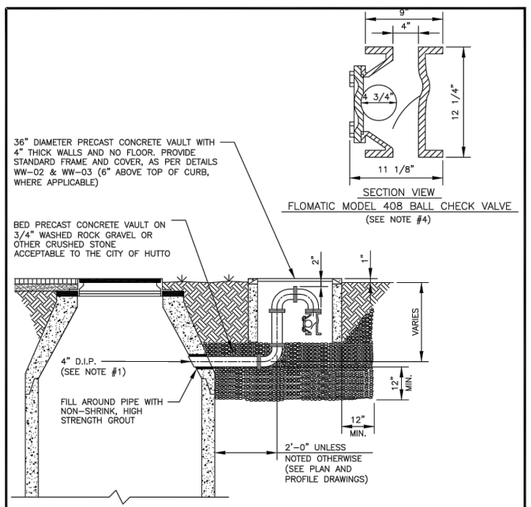
NOTES:
1. IF GROUND WATER IS PRESENT IN THE TRENCH, THE BEDDING MATERIAL SHALL BE SURROUNDED BY FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) ON ALL SIDES TO PREVENT SOIL INFILTRATION INTO THE BEDDING MATERIAL.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	TRENCH AND EMBEDMENT NON-PAVED DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-15



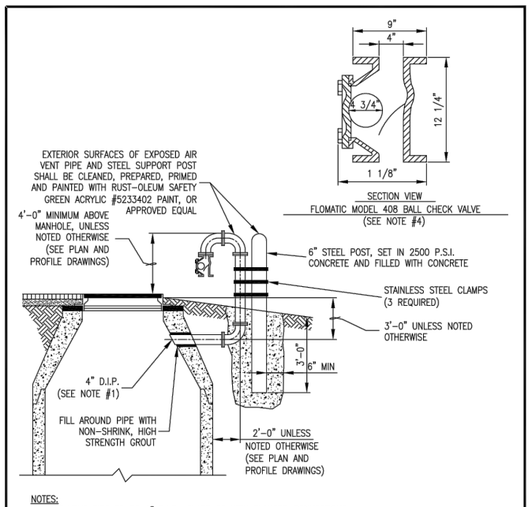
NOTES:
1. REPLACED BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE.
2. BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO SPECIFIED MAXIMUM DENSITY.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE.
5. A MINIMUM OF ONE DENSITY TEST SHALL BE TAKEN EVERY TWO HUNDRED (200) 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 OF HUTTO.
6. THESE SPECIFICATIONS MAY BE SUPERSEDED BY THE GOVERNING AGENCY. FLEXIBLE BASE TYPE II: (ROADWAY BASE)
7. 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. FLEXIBLE BASE TYPE II: (TRENCH BACKFILL)
8. TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 95% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR.
9. IF GROUND WATER IS PRESENT IN THE TRENCH, THE BEDDING MATERIAL SHALL BE SURROUNDED BY FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) ON ALL SIDES TO PREVENT SOIL INFILTRATION INTO THE BEDDING MATERIAL.
10. CROSS SECTION SHALL MATCH EXISTING ROAD OR 8" WHICHEVER IS GREATER.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	TRENCH AND EMBEDMENT UNDER EXISTING ROAD DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-16



NOTES:
1. AIR VENT PIPE TO BE 4" D.I.P., CLASS 53 WITH FLANGED CONNECTIONS.
2. ALL FITTINGS TO BE 150 PSIG RATED & ANSI/AWWA C110/A21.10.
3. AIR VENT PIPE RISER SHALL BE INSTALLED TO A MINIMUM DEPTH FROM GROUND SURFACE AS POSSIBLE, PREFERABLY LOCATED IN THE CONCENTRIC CONCRETE CONE.
4. MINIMUM ELEVATION AT THE VENT OPENING SHALL BE 1 FOOT (1'–0") ABOVE THE ULTIMATE 100 YEAR FLOOD PLAIN ELEVATION. IF ELEVATION OF VENT OPENING IS LESS THAN 1 FOOT (1'–0") ABOVE THE ULTIMATE 100 YEAR FLOOD PLAIN ELEVATION, A FLOMATIC MODEL 408, PART #2145 BALL CHECK VALVE, OR APPROVED EQUAL, WITH FLOATING TYPE BALL, SHALL BE INSTALLED AT DOWN TURNED OPENING OF VENT. A 16 MESH 304 STAINLESS STEEL INSECT SCREEN SHALL BE PLACED IN THE OPENING.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	MANHOLE VENT BELOW GROUND DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-18



NOTES:
1. AIR VENT PIPE TO BE 4" D.I.P., CLASS 53 WITH FLANGED CONNECTIONS.
2. ALL FITTINGS TO BE 150 PSIG RATED & ANSI/AWWA C110/A21.10.
3. AIR VENT PIPE RISER SHALL BE INSTALLED TO A MINIMUM DEPTH FROM GROUND SURFACE AS POSSIBLE, PREFERABLY LOCATED IN THE CONCENTRIC CONCRETE CONE.
4. MINIMUM ELEVATION AT THE VENT OPENING SHALL BE 1 FOOT (1'–0") ABOVE THE ULTIMATE 100 YEAR FLOOD PLAIN ELEVATION. IF ELEVATION OF VENT OPENING IS LESS THAN 1 FOOT (1'–0") ABOVE THE ULTIMATE 100 YEAR FLOOD PLAIN ELEVATION, A FLOMATIC MODEL 408, PART #2145 BALL CHECK VALVE, OR APPROVED EQUAL, WITH FLOATING TYPE BALL, SHALL BE INSTALLED AT DOWN TURNED OPENING OF VENT. A 16 MESH 304 STAINLESS STEEL INSECT SCREEN SHALL BE PLACED IN THE OPENING.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	MANHOLE VENT ABOVE GROUND DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-19

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
(FIRM # 6535)

CITY OF HUTTO

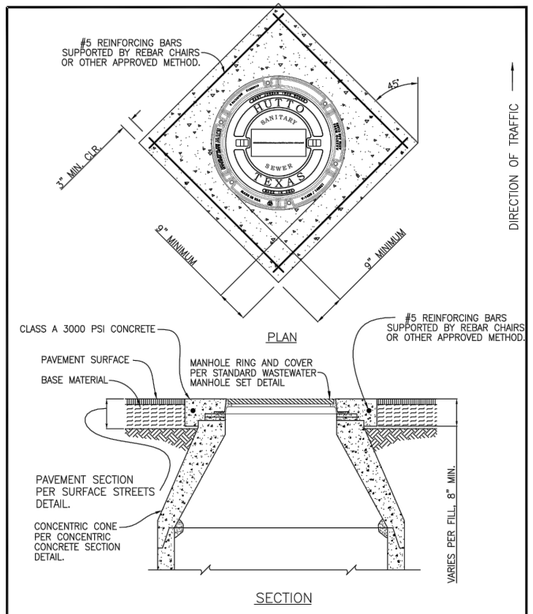
MEGASITE WW07-2023 WASTEWATER PIPELINE

STANDARD DETAILS (2 OF 7)

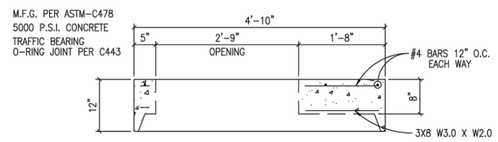
CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	64 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900GNDTLS Layout: 64 (2 OF 7) Saved: 9/9/2025 4:10 PM Last Saved By: dfischer
Plot Style Table: KFA-BW.ctb

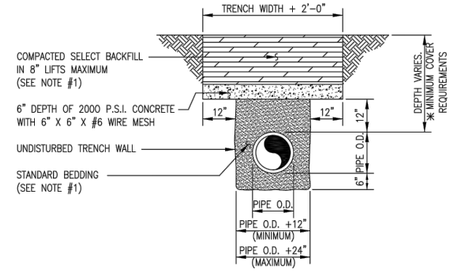


The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	MANHOLE COVER CONCRETE APRON DETAIL
CITY OF HUTTO	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-20



NOTES:
1. AVAILABLE WITH CAST IRON RING AND COVER CAST IN PLACE.
2. PERMITTED ONLY WITH WRITTEN APPROVAL.

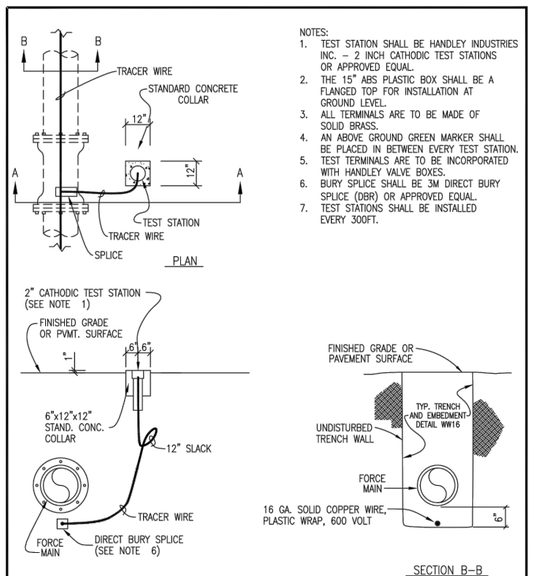
The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	48" FLAT MANHOLE LID DETAIL
CITY OF HUTTO	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-21



NOTE:

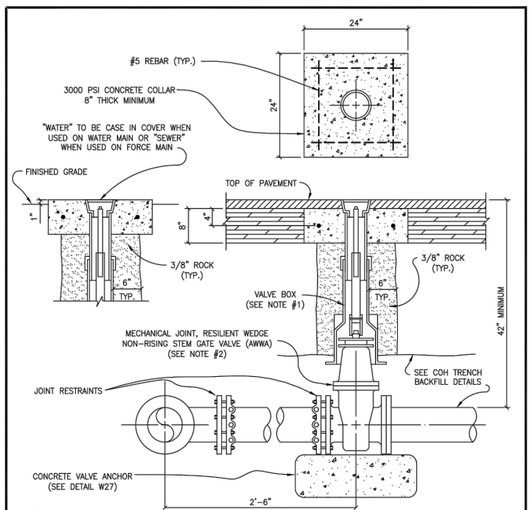
1. WASTEWATER LINE AND SURFACE REPAIR DETAIL WW15 FOR PIPE BEDDING/BACKFILL REQUIREMENTS AND MINIMUM COVER REQUIREMENTS.
2. REQUIREMENTS FOR CONCRETE TRENCH CAPS IN WATERWAYS AND DRAINAGE AREAS NEED TO BE REVIEWED ON A CASE BY CASE BASIS AND APPROVED BY THE CITY ENGINEER AND INSPECTOR.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	WASTEWATER CONCRETE TRENCH CAP DETAIL
CITY OF HUTTO	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-24



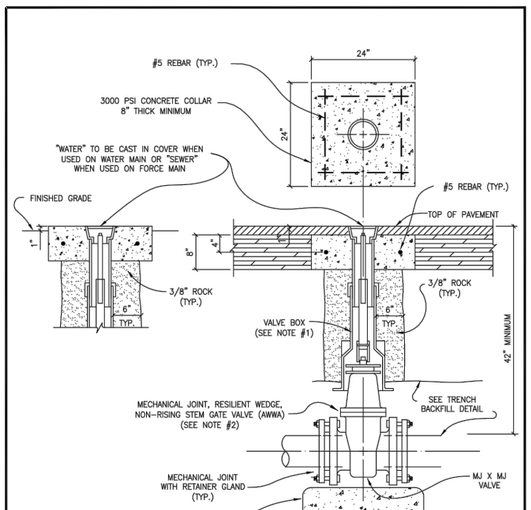
NOTES:
1. TEST STATION SHALL BE HANDLEY INDUSTRIES INC. – 2 INCH CATHODIC TEST STATIONS OR APPROVED EQUAL.
2. THE 15" ABS PLASTIC BOX SHALL BE A FLANGED TOP FOR INSTALLATION AT GROUND LEVEL.
3. ALL TERMINALS ARE TO BE MADE OF SOLID BRASS.
4. AN ABOVE GROUND GREEN MARKER SHALL BE PLACED IN BETWEEN EVERY TEST STATION.
5. TEST TERMINALS ARE TO BE INCORPORATED WITH HANDLEY VALVE BOXES.
6. BURY SPLICE SHALL BE 3M DIRECT BURY SPLICE (DBR) OR APPROVED EQUAL.
7. TEST STATIONS SHALL BE INSTALLED EVERY 300FT.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	TRACER WIRE INSTALLATION DETAIL
CITY OF HUTTO	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-25



NOTES:
1. VALVE BOX SHALL BE AMERICAN FLOW CONTROL TRENCH ADAPTER OR CITY ENGINEER APPROVED EQUAL HAVING AN ADJUSTABLE RANGE OF + OR – SIX INCHES (6") FROM INSTALLED FINISH GRADE.
2. VALVE STEM SHALL NOT EXCEED 36" IN DEPTH FROM TOP OF GRADE.
3. ACCEPTABLE GATE VALVES ARE:
   A. AMERICAN FLOW CONTROL – SERIES 2500
   B. CLOW
   C. KENNEDY
   D. EAST JORDAN
3. MARK VALVE SIZE AND DIRECTION OF FLOW ON CONCRETE VALVE COVER.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	VALVE INSTALLATION DETAIL
CITY OF HUTTO	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-W-10



NOTES:
1. VALVE BOX SHALL BE AMERICAN FLOW CONTROL TRENCH ADAPTER OR CITY ENGINEER APPROVED EQUAL HAVING AN ADJUSTABLE RANGE OF + OR – SIX INCHES (6") FROM INSTALLED FINISH GRADE. (SEE VALVE SETTING CITY OF HUTTO DETAIL #W10)
2. ACCEPTABLE GATE VALVES ARE:
   A. AMERICAN FLOW CONTROL – SERIES 2500
   B. CLOW
   C. KENNEDY
3. MARK CONCRETE COLLAR WITH VALVE SIZE AND DIRECTION OF FLOW.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	INLINE VALVE INSTALLATION DETAIL
CITY OF HUTTO	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-W-14

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

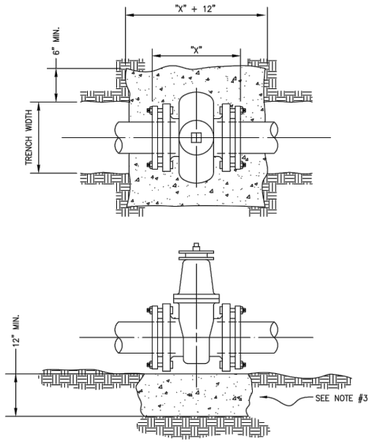
STANDARD DETAILS
(3 OF 7)

K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

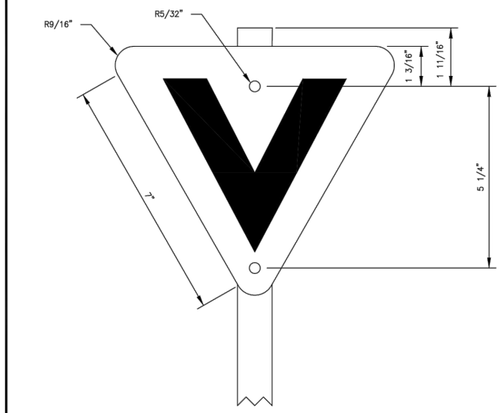
SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	65 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900GNDTLS Layout: 65 (3 OF 7) Saved: 9/9/2025 4:10 PM Last Saved By: dfischer
Plot Style Table: KFA-BW.ctb



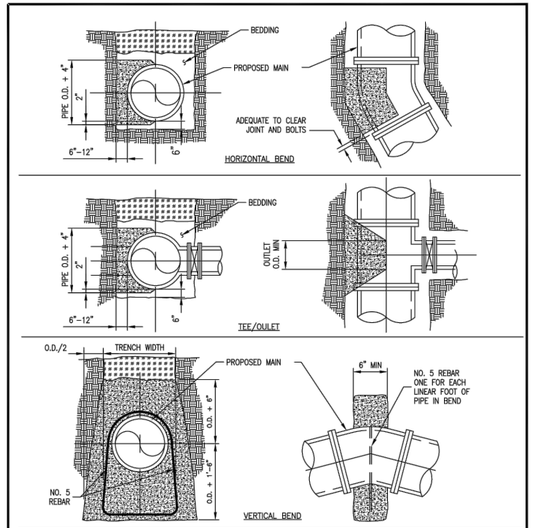
NOTES:
1. THE ENGINEER SHALL PROVIDE DESIGN ON ALL VALVES 12" AND LARGER. VALVES SHALL BE CLOW, KENNEDY, OR AMERICAN FLOW CONTROL.
2. COMPLY WITH REQUIREMENTS OF AWWA C-550, PROTECTIVE EPOXY INTERIOR COATINGS FOR VALVES.
3. CONCRETE VALVE SUPPORT, 2500 PSI CONCRETE.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	CONCRETE VALVE ANCHOR DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-W-15



NOTES:
1. SIGN MATERIAL TO BE ALUMINUM.
2. SIGN TO BE ATTACHED TO 48" GALVANIZED STEEL ANGLE POST WITH DIMENSIONS 1" X 1" X 1/8".
3. COLORS:
   BACKGROUND – ORANGE
   V – BLACK
4. VALVE MARKING SIGNAGE TO BE INSTALLED IN AREAS DEEMED NECESSARY BY CITY STAFF.

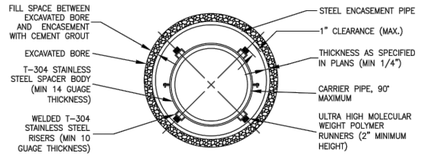
The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	WATER VALVE SIGN DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-W-17



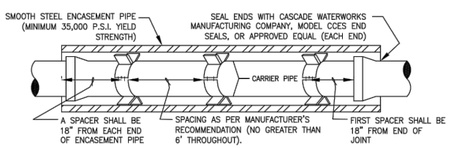
THRUST BLOCK DESIGN AS FOLLOWS:
A. PRESSURE OF 150 P.S.I. (ACTUAL IF HIGHER +50% SURGE ALLOWANCE
B. MAXIMUM SOIL BEARING:

SOIL TYPE	PRESSURE
LIMESTONE	4000 LBS/SQ. FT.
UNDISTURBED SOIL CALICHE	2000 LBS/SQ. FT.
LOOSE OR SPONGY SOIL	1500 LBS/SQ. FT.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	TYPICAL THRUST BLOCK DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-W-18



PIPE SIZE–CARRIER (DIAMETER, INCHES)	PIPE SIZE–CASING (MINIMUM DIAMETER, INCHES)	MINIMUM PIPE THICKNESS (INCHES)	
6	16	1 / 4	0.2500
8	18	1 / 4	0.2500
10	20	5 / 16	0.3125
12 ~ 14	24	3 / 8	0.3750
16 ~ 18	30	7 / 16	0.4375
20	36	1 / 2	0.5000
24	42	1 / 2	0.5000
30	48	1 / 2	0.5000



NOTES:
1. CASING SPACER CONFIGURATION AND SPACING SHALL BE AS SHOWN ON MANUFACTURER'S DRAWINGS FOR SPECIFIC WORK; THESE MUST BE ACCEPTABLE TO CITY ENGINEER.
2. CASING SPACER SHALL BE AS MANUFACTURED BY CASCADE WATERWORKS MANUFACTURING COMPANY, MODEL CCS, OR APPROVED EQUAL.
3. CASING SPACERS SHALL NOT BE PAID DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE APPROPRIATE BID ITEM.
4. DO NOT USE WEDGES BETWEEN CARRIER PIPE AND CASING.
5. PRIOR TO INSERTING CARRIER PIPE, ANY WATER SHOULD BE PUMPED OUT OF CASING SO THAT NO MORE THAN A FEW INCHES OF WATER REMAINS.
6. ALL JOINTS IN ENCASEMENT SHALL BE RESTRAINED FOR WATER LINES ONLY UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.

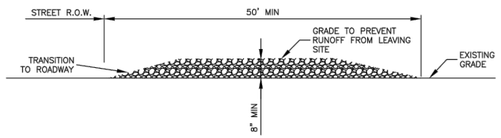
The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	PIPE ENCASEMENT DETAIL
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-W-21

GUIDELINES FOR DESIGN AND INSTALLATION OF TEMPORARY EROSION AND SEDIMENT CONTROLS

TYPE OF STRUCTURE	REACH LENGTH	MAXIMUM DRAINAGE AREA	SLOPE
SILT FENCE	N/A 200 FEET 100 FEET 50 FEET	2 ACRES 2 ACRES 1 ACRE 1/2 ACRE	0 – 10% 10% – 20% 20% – 30% > 30%
TRIANGLE FILTER DIKE	100 FEET 50 FEET	1/2 ACRE 1/4 ACRE	< 30% > 30%
ROCK BERM [1,2]	500 FEET	< 5 ACRES	0 – 10%

1. FOR ROCK BERM DESIGN, WHERE PARAMETERS ARE OTHER THAN STATED, DRAINAGE AREA CALCULATION AND ROCK BERM DESIGN MUST BE SUBMITTED FOR REVIEW.
2. HIGH SERVICE ROCK BERMS MAY BE REQUIRED IN AREAS OF ENVIRONMENTAL SIGNIFICANCE AS DETERMINED BY THE CITY OF HUTTO.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	TEMPORARY EROSION & SEDIMENT CONTROL GUIDELINES
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-ESC-01



CROSS SECTION

NOTES:
1. STONE SIZE SHALL BE 3" – 6" OPEN GRADED ROCK.
2. THICKNESS OF CRUSHED STONE PAD TO BE NOT LESS THAN 8".
3. LENGTH SHALL BE A MINIMUM OF 50' FROM ACTUAL ROADWAY, AND WIDTH NOT LESS THAN FULL WIDTH OF INGRESS/EGRESS.
4. ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
5. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY BY CONTRACTOR.
6. AS NECESSARY, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	STABILIZED CONSTRUCTION ENTRANCE
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-ESC-02

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

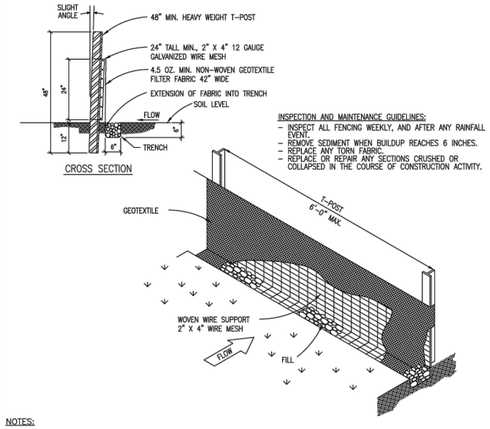
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
STANDARD DETAILS
(4 OF 7)

K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	66 OF 69

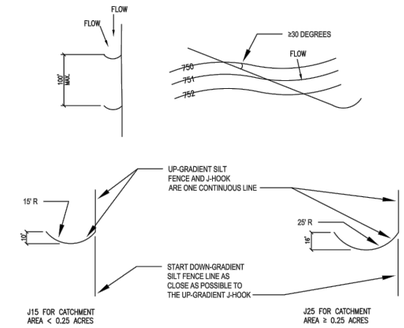
Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900GNDTLS Layout: 66 (4 OF 7) Saved: 9/9/2025 4:10 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



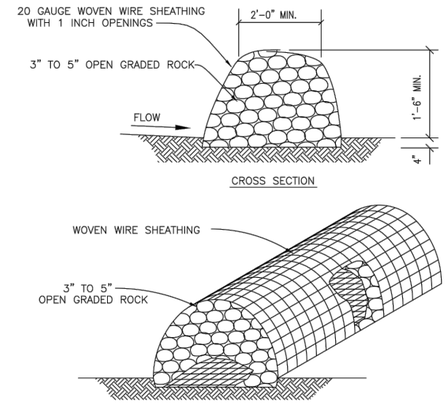
NOTES:

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MIN. OF ONE (1') FOOT.
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. WHERE FENCE CANNOT BE TRENCHED IN (E.G. PAVEMENT) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHALL BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS SECURELY FASTENED TO THE STEEL FENCE POSTS.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY 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 6 INCHES. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.
8. SILT FENCE SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.
9. J-HOOKS SHALL BE USED WHEN THE SILT FENCE IS INSTALLED AT AN ANGLE OF 30 DEGREES OR GREATER FROM PARALLEL TO THE CONTOURS.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	SILT FENCE
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-ESC-03



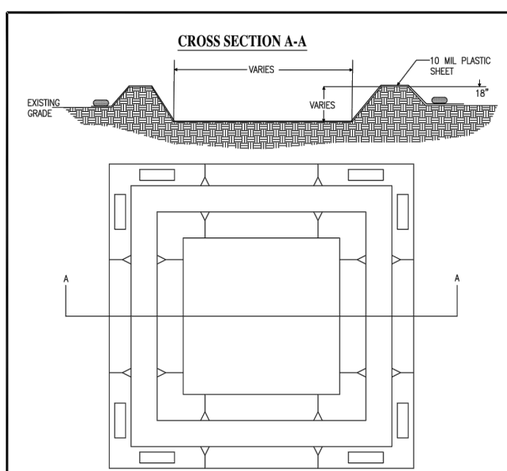
The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	J-HOOKS
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-ESC-04



NOTES:

1. USE ONLY OPEN GRADED ROCK (3 to 5") DIAMETER FOR ALL CONDITIONS.
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 1" OPENING AND MINIMUM WIRE DIAMETER OF 20 GAUGE.
3. THE ROCK BERM SHALL BE INSPECTED DAILY OR AFTER EACH RAIN, AND THE STONE AND/ OR FABRIC CORE-WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SEDIMENT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
4. IF SEDIMENT REACHES A DEPTH OF 6", THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF ON AN APPROVED SITE AND IN A MANNER THAT WILL NOT CREATE A SEDIMENTATION PROBLEM.
5. WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

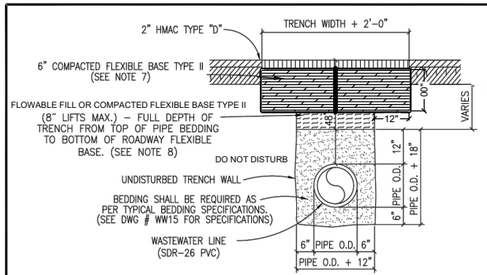
The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	ROCK BERM
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-ESC-05



NOTES:

1. SET LENGTH AND WIDTH AS NECESSARY TO PROVIDE ADEQUATE SPACE FOR WASHOUT ACTIVITIES.
2. IF RESTRICTED BY DEPTH DUE TO BELOW GRADE APPURTENANCES, PLACE EARTHEN BERMS AT GRADE.
3. USE EXCAVATED MATERIAL TO CREATE EARTHEN BERMS SURROUNDING THE AREA TO BE DESIGNATED AS A CONCRETE WASHOUT.
4. USE 3" – 5" ROCK TO CREATE A STABLE ENTRANCE THAT IS GRADED AWAY FROM THE WASHOUT BASIN.
5. INSTALL A SIGN IDENTIFYING THE RESPONSIBLE PARTY FOR INSTALLATION AND MAINTENANCE OF THE WASHOUT.
6. PLACE 10MIL OR GREATER PLASTIC SHEETING.
7. SECURE SHEETING ON OUTSIDE OF BERM AREA USING SAND BAGS OR ROCK EQUIVALENT.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	CONCRETE WASHOUT
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-ESC-06

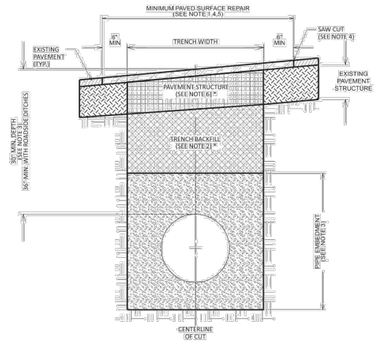


NOTES:

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 TWO HUNDRED (200) 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 OF HUTTO.
6. THESE SPECIFICATIONS MAY BE SUPERSEDED BY THE GOVERNING AGENCY. FLEXIBLE BASE TYPE II: (ROADWAY BASE)
7. 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. FLEXIBLE BASE TYPE II: (TRENCH BACKFILL)
8. TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 95% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR.
9. IF GROUND WATER IS PRESENT IN THE TRENCH, THE BEDDING MATERIAL SHALL BE SURROUNDED BY FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) ON ALL SIDES TO PREVENT SOIL INFILTRATION INTO THE BEDDING MATERIAL.

The City of Hutto Construction Standards and Details	CURRENT AS OF 10/01/2023	TRENCH AND EMBEDMENT UNDER EXISTING ROAD DETAIL (MODIFIED)*
	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. CH-WW-16

PERPENDICULAR UTILITY CUT PAVEMENT REPAIR DETAIL REQUIREMENT IN WILLIAMSON COUNTY R.O.W **



1. PAVEMENT SHALL BE HOT MIX ASPHALT (SPECIFICATIONS: TXDOT ITEM 340 AND 341, TYPE D). MATCH EXISTING HMAC THICKNESS, OR 2" MINIMUM, WHICHEVER IS GREATER. ROLL IN PLACE TO MATCH EXISTING SURFACE, ± ½" TOLERANCE.
2. TRENCH BACKFILL SHALL BE FLEXIBLE BASE, COMPACTED TO 95% OPTIMUM IN 8" LIFTS UNLESS OTHERWISE APPROVED. (SPECIFICATIONS: TxDOT ITEM 247, TYPE A, GRADE 2).
3. PIPE EMBEDMENT (PIPE ENVELOPE) SIZE AND MATERIALS SHALL BE AS SPECIFIED ELSEWHERE BY UTILITY COMPANY AND/OR ITS ENGINEERS. PIPE DEPTH SHALL BE AS SPECIFIED ELSEWHERE PROVIDED THAT MINIMUM DEPTHS ARE MET.
4. SAW CUT SHALL BE MADE PRIOR TO TRENCH CUT. IF PAVEMENT IS DAMAGED DURING CUT, A NEW SAW CUT SHALL BE MADE BEYOND THE DAMAGED AREA AND NEW PAVEMENT PLACED.
5. WHERE ROADSIDE DITCHES (BAR DITCHES) ARE CROSSED BY THE UTILITY PIPE, MINIMUM DEPTH TO THE TOP OF THE PIPE FROM THE CENTERLINE ROAD ELEVATION WILL BE 36".
6. PAVEMENT STRUCTURE SHALL BE FLEXIBLE BASE, COMPACTED TO 98% OPTIMUM TO MATCH DEPTH OF EXISTING STRUCTURE INCLUDING THE DEPTH OF STABILIZED SUBGRADE.
* PAVEMENT STRUCTURE AND TRENCH BACKFILL ARE PERMITTED TO USE FLOWABLE BACKFILL (CONTROLLED LOW-STRENGTH MATERIAL) WITH COMPRESSIVE STRENGTH NOT LESS THAN 200 PSI AND NOT TO EXCEED 400 PSI.

* MODIFIED DETAIL CH-WW-16 APPLIES WHEN OUTSIDE CITY OF HUTTO ROW AND WITHIN WILLIAMSON COUNTY ROW, AS SHOWN IN PLANS.

** WILLIAMSON COUNTY PAVEMENT REPAIR DETAIL APPLIES WITHIN COUNTY ROW WHEN CONTRACTOR DAMAGES PAVEMENT BEYOND THE TRENCH REPAIR LIMITS SHOWN IN DETAIL CH-WW-16. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. DAMAGE SHALL BE DEFINED AS LOSS/CRUMBLING OF ASPHALT OR ANY SPILLAGE OF FLUIDS ON PAVEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING PRE-CONSTRUCTION PHOTOS TO DOCUMENT THE EXISTING PAVEMENT CONDITIONS.

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	AF	5/22/24	WILLIAMSON COUNTY REVISIONS

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

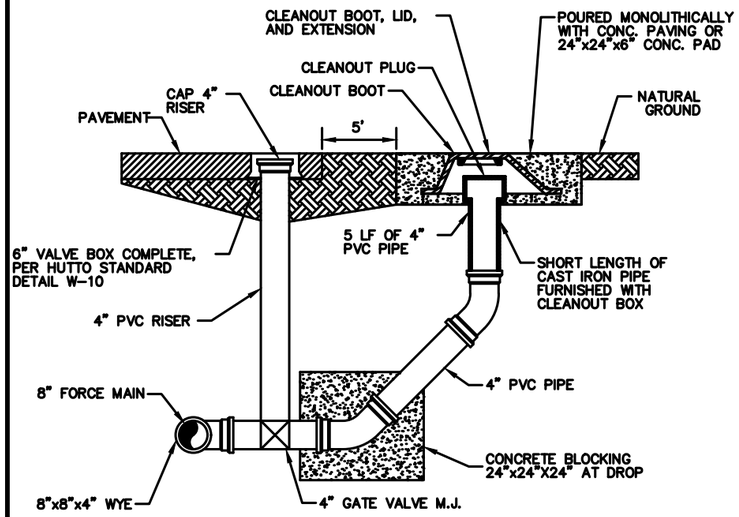
CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE
STANDARD DETAILS (5 OF 7)

K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

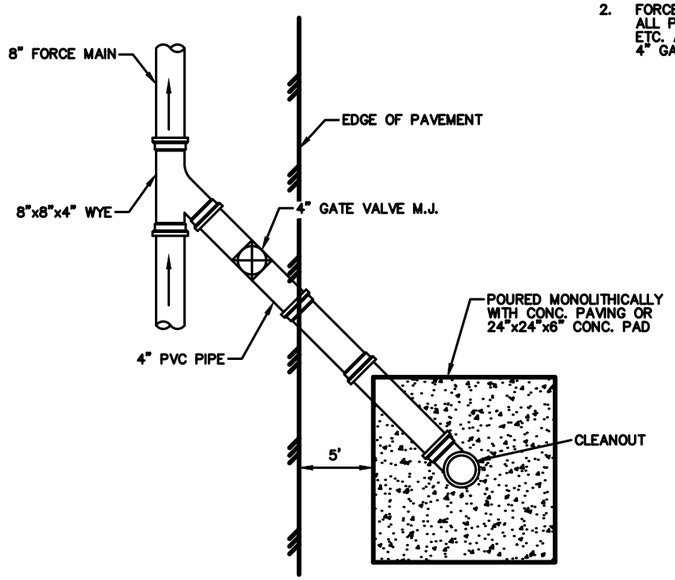
SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	67 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900GNDTLS Layout: 67 (5 OF 7) Saved: 9/9/2025 4:10 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



FORCE MAIN CLEANOUT DETAIL – SECTION VIEW
SCALE: NTS

NOTES:
1. CLEANOUT BOX SHALL BE INDEPENDENT OF PIPE AND THEREFORE IS FREE TO MOVE WITH THE SETTLEMENT OF THE GRADE
2. FORCE MAIN CLEANOUTS, INCLUDING ALL PIPING, FITTINGS, CONCRETE PAD, ETC. ARE SUBSIDIARY TO ITEM W03 – 4" GATE VALVE.



FORCE MAIN CLEANOUT DETAIL – PLAN VIEW
SCALE: NTS

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

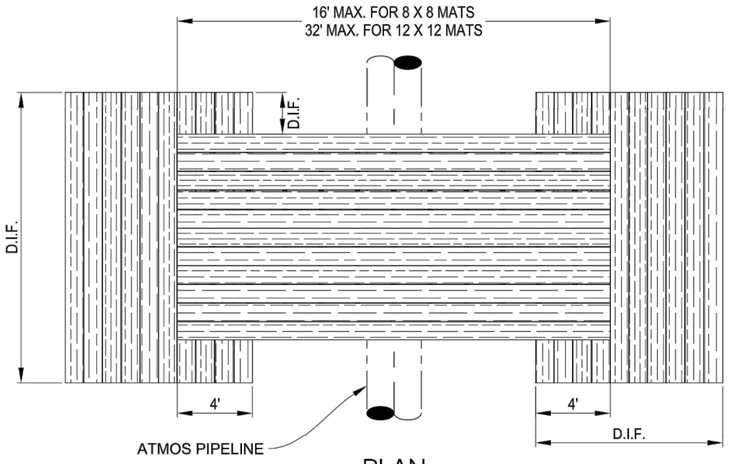
STANDARD DETAILS
(6 OF 7)

K-FRIESE + ASSOCIATES, A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

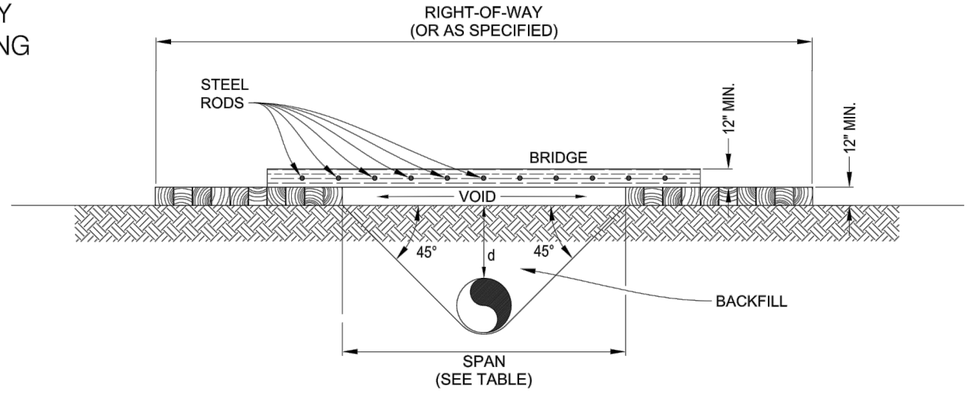
SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	68 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900GNDTLS Layout: 68 (6 OF 7) Saved: 9/9/2025 4:10 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb



PLAN

OPTION 1
TEMPORARY MAT CROSSING

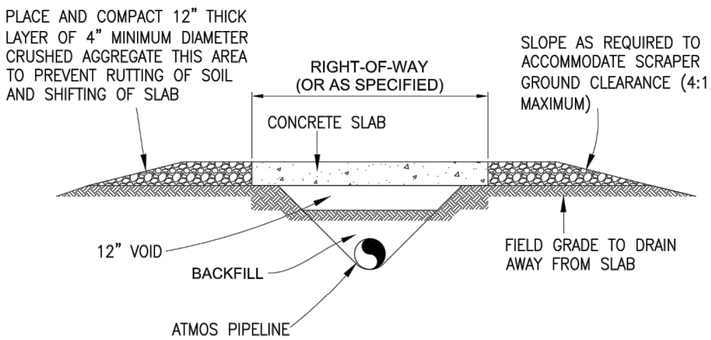


ELEVATION

DEPTH (d) (FT)	SPAN (FT)
1 OR LESS	8
2	8
3	10
4	10
5 OR MORE	N/A

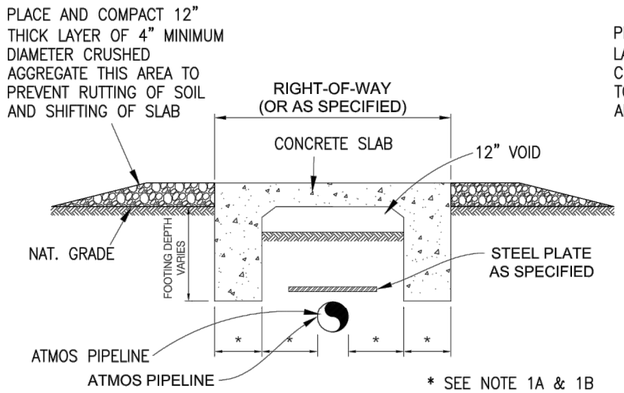
NOTES: (OPTION 1)
1. LUMBER MUST BE:
   1.1 FREE OF HEART CENTER.
   1.2 #1 DOUGLAS FIR OR BETTER.
   1.3 MINIMUM THICKNESS:
      8–INCH FOR 24' MATS;
      12–INCH FOR 40' MATS.
   1.4 ASSEMBLED WITH STEEL RODS FOR BRIDGE SECTION.
2. THIRD PARTY MUST PROVIDE DESIGN AND SPECIFICATIONS SEALED BY PROFESSIONAL ENGINEER.

OPTION 2
SEMI-PERMANENT



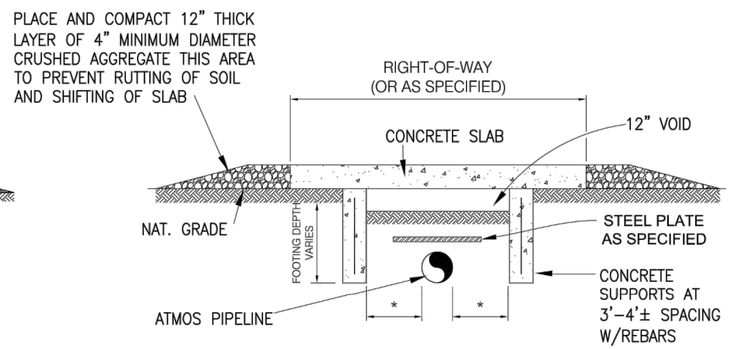
ELEVATION

OPTION 3
PERMANENT



ELEVATION

OPTION 4
PERMANENT



ELEVATION

NOTES: (OPTION 2, 3 & 4)
1. CONSIDER THE FOLLOWING WHEN CHOOSING DIMENSIONS.
   A. 2' DIMENSION TO BE USED ONLY IF LINE HAS BEEN POT HOLED AND LOCATION DETERMINED.
   B. 3' DIMENSION VARIES WITH AVAILABLE TRENCHING EQUIPMENT, BUCKET AND SOIL CHARACTERISTICS.
2. PILINGS OR PIERS MUST BE LOCATED OUTSIDE EASEMENT/RIGHT OF WAY. ALL PILINGS ARE TO BE REMOVED AFTER USE.
3. SLAB SHALL BE DESIGNED FOR BEARING LOAD.
4. MUST BE APPROVED BY ATMOS ENGINEERING.

REV. BY:	APR. BY:	REVISION DESCRIPTION	REPLACES DRAWING	DATE
–	–	–		
–	–	–		
–	–	–		
–	–	–		
–	–	–		
–	–	–		
BEB	PET	CHANGED NUMBER TO SECT. 11, ADDED TEMP. MAT X–ING	STD. 10–034–00	1/16/19

DESIGNED BY: PETE TUCKER		6/26/13
DRAWN BY: B. BORCOMAN		10/23/18
CHECKED BY: PETE TUCKER		1/7/19
APPROVED		
APPROVED BY:	ENGR.	
APPROVED BY:	MEAS.	
APPROVED BY: P. MURDOCK	STDS.	2/1/19

PIPELINE EQUIPMENT CROSSING TEMPORARY MAT X–ING, SEMI–PERMANENT & PERMANENT OPTIONS

ENGINEERING STANDARD

ATMOS ITEM NO. (CPART):

DWG NO. STD. 11–100–00 SHT.

ATMOS energy

REV. NO.	BY	DATE	REVISION DESCRIPTION

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT OR CONSTRUCTION.

BY: ANDREW FISCHER, P.E.

DATE: 9/9/2025

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
MEGASITE WW07-2023 WASTEWATER PIPELINE

STANDARD DETAILS
(7 OF 7)

K FRIESE + ASSOCIATES A LOCHNER COMPANY
(FIRM # 6535)

CITY OF HUTTO

SCALE	
DATE	4/3/2024
DRAWING NO.	
SHEET NUMBER	69 OF 69

Printed: 9/9/2025 4:24 PM User: Andrew Fischer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW07-PIPELINE\0900GNDTLS Layout: 69 (7 OF 7) Saved: 9/9/2025 4:10 PM Last Saved By: afischer
Plot Style Table: KFA-BW.ctb

JM Pipeline, LLC
P. O. Box 1999
Burnet, TX 78611

Final Cost and Quantities

Hutto Mega Site WWL

Item No.	Description	Quantity	Unit	Unit Cost	Cost amount
	Gravity Pipeline				
CIP11	Trench Safety	6963	LF	$ 5.00	$34,815.00
G6	Silt Fence	8671	LF	$ 5.00	$43,355.00
G6	Rock Berm	90	LF	$ 30.00	$2,700.00
G6	Stabilized Contruction Entrance	1	EA	$ 1,700.00	$1,700.00
G7	Hydromulch	33951.4	SY	$ 1.25	$42,439.25
SD1	HMAC (2" comp. Depth)	2211.1	SY	$ 35.00	$77,388.50
SD4	Flex. Base Type II (6' comp. Depth)	2211.1	SY	$ 23.00	$50,855.30
SD4	Flex. Base Type II (Trench Backfill) 8" Lifts	1779.8	SY	$ 25.00	$44,495.00
WW1	48" DIA Manhole 0'-6'	26	EA	$ 9,000.00	$234,000.00
WW1	48' DIA Manhole (Extra Depth) >6'	104.9	VF	$ 520.00	$54,548.00

Item No.	Description	Quantity	Unit	Unit Cost	Cost amount
WW1	60" DIA Manhole (0'-6')	1	EA	$ 9,200.00	$9,200.00
WW1	60" DIA Manhole (Extra Depth) >6'	6.2	VF	$ 690.00	$4,278.00
WW2	18" PVC Gravity (ASTM F679, 115 PSI) (0'-10')	3314	LF	$ 120.00	$397,680.00
WW2	18" PVC Gravity (ASTM F679, 115PSI) (10'- 15')	3649	LF	$ 127.00	$463,423.00
SS501	Jacking and Boring 26" Pipe (COA Spec)	170	LF	$ 1,525.00	$259,250.00

Item No.	Description	Quantity	Unit	Unit Cost	Cost amount
SS510	18" PVC Gravity (ASTM F679, 115 PSI) CP (COA Spe	170	LF	$ 105.00	$17,850.00
G1	Barricades, Signs and Traffic Handling	10	MO	$ 3,000.00	$30,000.00
G2	Right of Way Prep	1	LS	$ 10,000.00	$10,000.00
SS01011	Mobilization (LS)	1	LS	$ 8,000.00	$8,000.00
	Gravity Pipeline Total				**$1,785,977.05**
	Force Main				
CIP11	Trench Safety Req.	9947	LF	$ 5.00	$49,735.00
G6	Silt Fence	400	LF	$ 5.00	$2,000.00
G6	Rock Berm	240	EA	$ 30.00	$7,200.00
G6	Stabilized Const. Entrance	1	EA	$ 1,700.00	$1,700.00
G7	Hydromulch	18923	SY	$ 1.25	$23,653.75
SD1	HMAC (2" Comp. Depth)	6766	SY	$ 35.00	$236,810.00
SD4	Flexibile Base Type II (6' Comp. Depth)	6765.6	SY	$ 23.00	$155,608.80
SD4	Flexible Base Type II (Trench BF) (8' Lifts)	5827.6	SY	$ 25.00	$145,690.00
WW2	8" PVC Forecemain (AWWA C900, DR 14) (All Depths	9947	LF	$ 65.00	$646,555.00

Item No.	Description	Quantity	Unit	Unit Cost	Cost amount
WW1	48" DIA Manhole (0'-6')	4	EA	$ 9,000.00	$36,000.00
WW1	48" DIA Manhole (Extra Depth) >6'	0.8	VF	$ 700.00	$560.00
W3	8" Gate Valve	5	EA	$ 3,000.00	$15,000.00
W3	4" Gate Vallve	5	EA	$ 1,700.00	$8,500.00
W3	2" Air Relase Valve	4	EA	$ 9,000.00	$36,000.00
SS510	Pipe Fitting, All Sizes and Types (COA Spec)	0.9	TN	$ 26,000.00	$23,400.00
SS501	Jacking and Boring 24" Pipe (COA Spec)	165	LF	$ 690.00	$113,850.00
SS510	8" PVC (AWWA C900, DR 14) Carrier Pipe	165	LF	$ 125.00	$20,625.00
C5	Concrete Driveways	364	SY	$ 65.00	$23,660.00
G1	Barricades, Signs and Traffic Handling	6	MO	$ 6,000.00	$36,000.00
G2	Right of Way Prep.	1	LS	$ 10,000.00	$10,000.00
SS01011	Mobilization	1	LS	$ 8,000.00	$8,000.00
	Force Main Total				**$1,600,547.55**
	Change Order 1				
	Resurveying Lennar Homes Easement	1,650.00	LF	$2.83	$4,673.63

Item No.	Description	Quantity	Unit	Unit Cost	Cost amount
	Change Order 1 Total				**$4,673.63**
	Change Order 2				
	Remove Rock Rip Rap	259.00	CY	$90.00	$23,310.00
	Re-Install Rock Rip Rap	259.00	CY	$103.00	$26,677.00
	Fill In Existing Bar Ditch	355.00	CY	$20.00	$7,100.00
	Re-Install Bar Ditch	355.00	CY	$62.00	$22,010.00
	Add Bond	1.00	LS	$790.97	$790.97
	Change Order 2 Total				**$79,887.97**
	Change Order 3				
	12" SDR 26	40.00	LF	$65.00	$2,600.00
	Drop Manhole with Assembly	2.00	EA	$13,700.00	$27,400.00
	Base Backfill for Manholes	55.00	CY	$50.00	$2,750.00
	Flowable Fill around Manholes	20.00	CY	$270.00	$5,400.00
	Manhole Coatings	2.00	EA	$4,000.00	$8,000.00
	24" Steel Casing and Spacers	36.00	LF	$300.00	$10,800.00

Item No.	Description	Quantity	Unit	Unit Cost	Cost amount
	12" Stub Out from New Manholes	2.00	EA	$1,500.00	$3,000.00
	Sub-Total Sheet 2	1.00	LS	$29,040.00	$29,040.00
	Change Order 3 Total				**$88,990.00**
	Change Order 4				
	Concrete Driveways	-364	SY	$ 65.00	-$23,660.00
	Change Order 4 Total				**-$23,660.00**
	TOTAL CONTRACT				**$3,536,416.20**
					$3,536,416.20

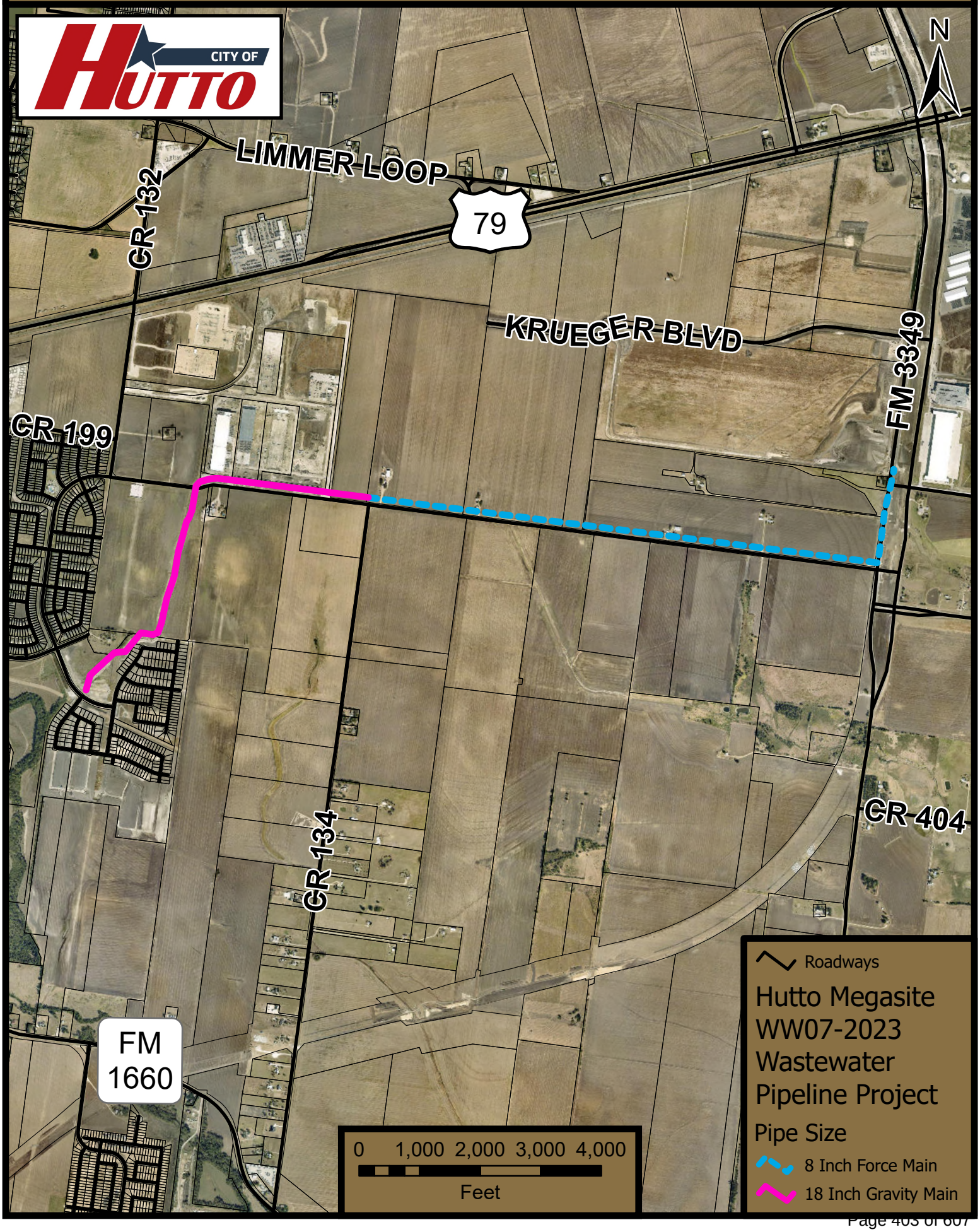
Emily Morales
Signer ID: BLTCC5D313...

Company Signature

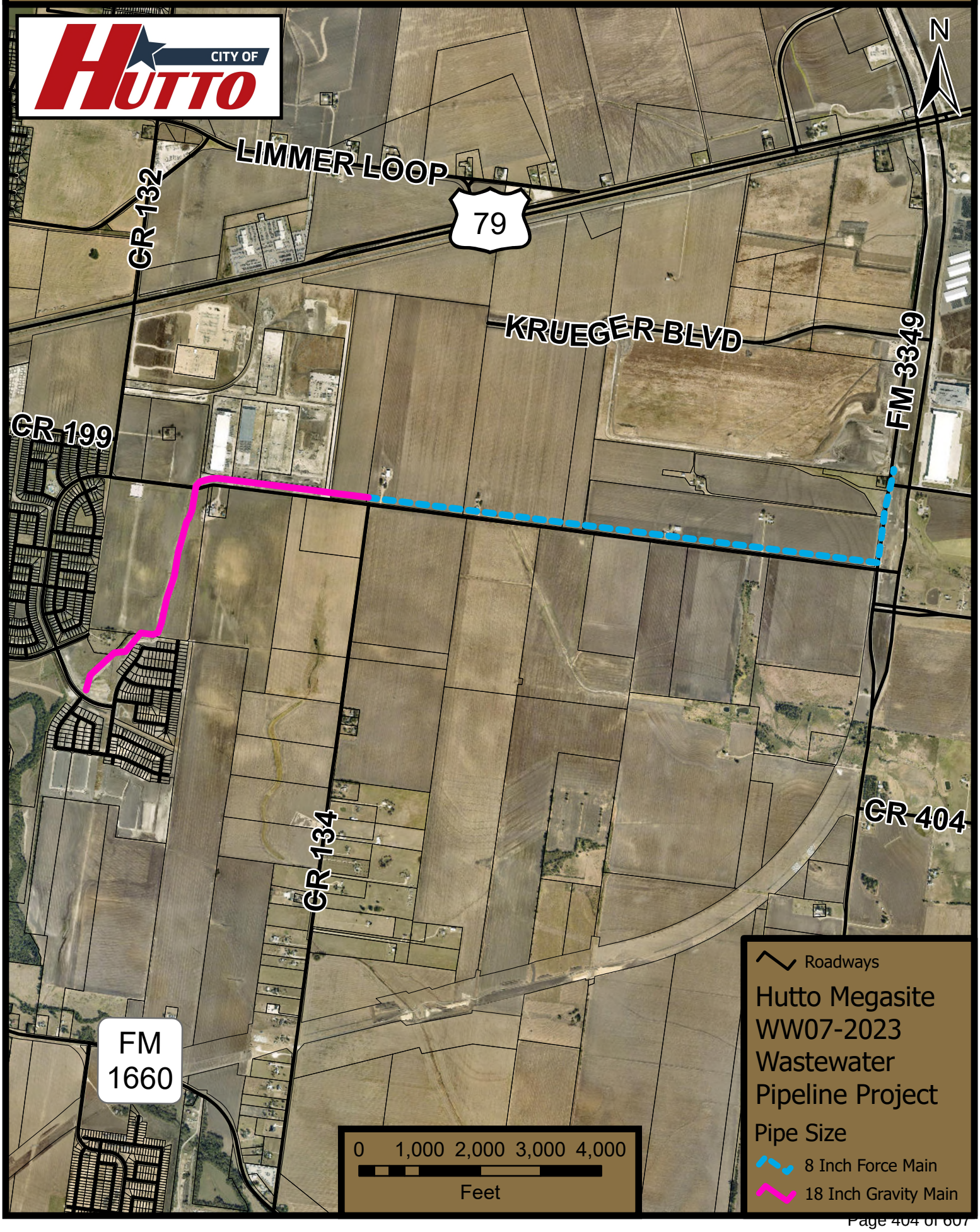
Andrew Fischer

Digitally signed by Andrew Fischer
DN: C=US, E=afischer@kfriese.com, O="K Friese + Associates", CN=Andrew Fischer
Date: 2025.10.28 11:48:43-05'00'

Hutto Megasite WW07-2023 Wastewater Pipeline Project



Hutto Megasite WW07-2023 Wastewater Pipeline Project



Punch List Template

Megasite WWL / Edward Hill / 08/28/2025

Complete

Score	1 / 1 (100%)	Flagged items	0	Actions	0

Project Name

Megasite WWL

General note, turn on all air release valves on interior of manholes

General, all wastewater manholes in easement must be bolted
See photos and comments below for problems noted and corrections made by contractor.

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Photo 15

Photo 16

Photo 17

Project Address	CR 132 from FM 3349 to Cotton Subdivision
Date and Time	08/28/2025 7:17 AM CDT
Prepared by	Edward Hill

Punch List	1 / 1 (100%)

Select the + icon to add a punch list item.

Punch #	1 / 1 (100%)
Punch # 1	1 / 1 (100%)
Location/Area	CR 132 from FM 3349 to Cotton Wood esmnt.
Trade	General
Task	WWL installation

Description

WWL

Add photo

Photo 18

Photo 19

Photo 20

Photo 21

Photo 22

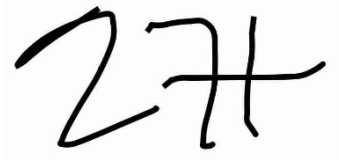
Type	Unfinished Work
Priority	High
Due Date	08/28/2025
Person Responsible	Ed Hill
Status	Complete

Notes/Comments

Substantial completion achieved

For contractor:

Contractor | Name and Signature:



JMP
08/28/2025 4:06 PM CDT

Date Submitted to Architect:	08/28/2025

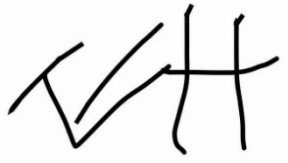
For architect:

Pre-Final Inspection Results	N/A
Date of Substantial Completion	08/28/2025
Deadline to Finish Punch List	08/28/2025 7:19 AM CDT

Responsibilities of Contractor:

Address all items identified on punch list

Architect | Name and Signature



Richard Duane of KFA
08/28/2025 4:06 PM CDT

Media summary

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Photo 15

Photo 16

Photo 17

Photo 18

Photo 19

Photo 20

Photo 21

Photo 22

RESOLUTION NO. R-2026-XXX

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, APPROVING INFRASTRUCTURE IMPROVEMENTS FOR MEGASITE WASTEWATER PIPELINE PROJECT IN THE CITY OF HUTTO, WILLIAMSON COUNTY; PROVIDING PROPER NOTICE AND MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the public infrastructure improvements for Megasite WW07-2023 Pipeline have been constructed and are ready for acceptance, and;

WHEREAS, a final inspection was conducted by the City Construction Inspection and Public Works staff on all streets, sidewalks, ramps, drainage, water, and wastewater improvements, and;

WHEREAS, Harco National Insurance Company submitted warranty bonds to cover the material and workmanship for two years, and;

WHEREAS, City Council desires to maintain the Agreement with J.M. Pipeline, LLC; and Individual Project Orders, related thereto, as long as Services for the Capital Improvement Projects are warranted.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to accept the infrastructure and enter into a two-year maintenance period.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 4: This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th day of January 2026 on vote of __AYES; ___NAYS; __ABSTENTIONS

CITY OF HUTTO, TEXAS

_____
Mike Snyder, Mayor

ATTEST:

_____
Laura Hallmark, City Secretary

AGENDA ITEM REPORT
9.8.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-008 accepting the infrastructure improvements for the Hutto Wastewater Megasite Liftstation, Capital Improvement Project (CIP-WW07-2023) as public infrastructure. (Matt Rector)
Meeting:	Thursday, January 8, 2026
Department:	Engineering /
Staff Contact:	Matt Rector

ITEM SUMMARY:

The Hutto Wastewater Megasite Liftstation project has successfully completed construction for the Capital project.

The purpose of this agenda item serves as formal request from the City of Hutto Engineering staff that the construction work for the Hutto Wastwater Megasite Pipeline project has been successfully completed and is ready for full operation as intended. The project has been constructed in substantial conformance with the approved plans and specifications prepared by TransSystem Corporation Consultants.
All outstanding final completion punch list items have been fully addressed, and stormwater pollution prevention measures have been properly removed following confirmation of at least 70% vegetation establishment, in accordance with regulatory requirements.
Approved by Construction Inspection and Engineering through resolution of inspected punch list items.

FISCAL NOTES:

There is no fiscal impact associated with this agenda item. Funding for this project was included in the Capital Improvement Budget with funding sources from bond issuance and operating funds.

ATTACHMENTS:

1. 0984 Record Drawings_Hutto Megasite Wastewater Lift Station
2. Concurrence Letter-Wastewater South East Loop Lift Station_Chapter 217 Construction Completion Notice Letter_20251222
3. Final CIP Checklist
4. Final Cost and Quantities.rd
5. Hutto Const Summary.rd
6. Hutto Lift Station Affidavit
7. Hutto Megasite WW Lift Station Punch List
8. Hutto_Emergency_Map Of Area -Wastewater_Improvements_South_East_Loop_Lift_Station
9. Signed Maintenance Bond
10. Megasite WW Lift Station- Res_JE 12.29.25 v2

11. Hutto Megasite Punchlist completion supporting notes and photos

CITY OF HUTTO

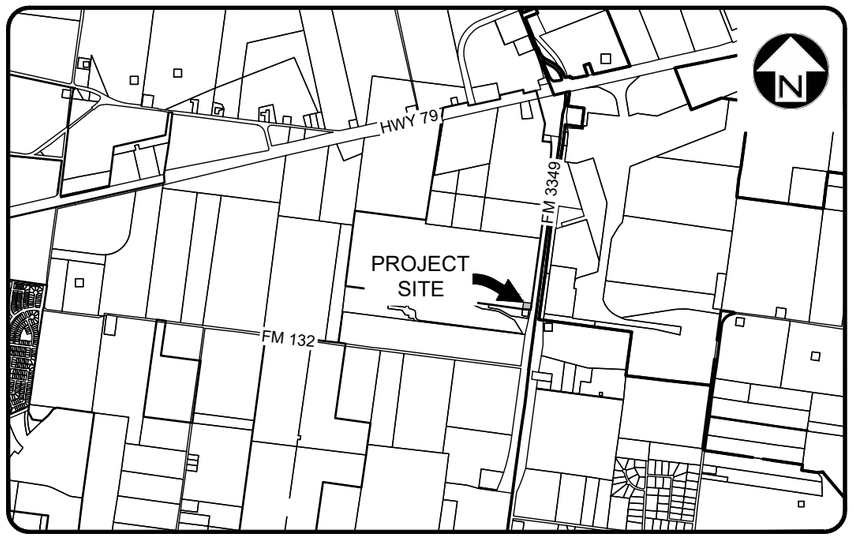
HUTTO EMERGENCY WASTEWATER IMPROVEMENTS

SOUTH EAST LOOP LIFT STATION
CONFORMED DRAWINGS

JANUARY 2024

PREPARED FOR:

THE CITY OF HUTTO INCORPORATED 1911



PROJECT LOCATION MAP
SCALE: 1" = 4000'
TOTAL DISTURBANCE = 0.11 ACRES

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/2024

SUBMITTED FOR APPROVAL BY:

ZACHARY H. SAUCIER, P.E. — 1/25/2024 DATE
K FRIESE + ASSOCIATES, INC.

ACCEPTED FOR CONSTRUCTION:

MATTHEW RECTOR, P.E., CITY ENGINEER — DATE
CITY OF HUTTO, TEXAS

PATRICIA DAVIS, MSCE, P.E., CIP ENGINEER — DATE
CITY OF HUTTO, TEXAS

SCOTT KERWOOD, FIRE MARSHAL — DATE
CITY OF HUTTO, TEXAS

RECORD DRAWING

THIS CONSTRUCTION DOCUMENT WAS PREPARED USING INFORMATION SUPPLIED BY THE CONTRACTOR TO REPRESENT CONSTRUCTION CHANGES. THIS DOCUMENT IS FOR INFORMATION AND REFFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT AND IS NOT INTENDED FOR BID, PERMIT, OR CONSTRUCTION.

BY: _____ DATE: 12/19/2025

REVISION #	DESCRIPTION	APPROVAL

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
1120 S. CAPITAL OF TEXAS HIGHWAY
CITYVIEW 2, SUITE 100
AUSTIN, TEXAS 78746
PH. 512.338.1704
FAX. 512.338.1784
TBPE FIRM #6535
www.kfriese.com

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN ACCEPTING THESE PLANS, THE CITY OF HUTTO MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

THIS PLAN SET IS FULL SIZE AT 11" X 17".

DRAWING NO.	G1
SHEET NUMBER	1 OF 65

CITY OF HUTTO - HUTTO EMERGENCY WASTEWATER IMPROVEMENTS

SHEET NUMBER	DRAWING NUMBER	SHEET TITLE
1	G1	COVER PAGE
2	G2	SHEET LIST
3	G3	GENERAL CONSTRUCTION NOTES
4	G4	WASTEWATER NOTES
5	G5	CIVIL AND PROCESS MECHANICAL LEGEND
6	C1	PROPOSED OVERALL SITE PLAN
7	C2	PROPOSED SITE GRADING AND CONSTRUCTION LAYOUT PLAN
8	C3	PROPOSED CONSTRUCTION POINTS TABLE
9	C4	PROPOSED ENLARGED SITE PLAN
10	C5	CIVIL DETAILS 1
11	C6	CIVIL DETAILS 2
12	C7	CIVIL DETAILS 3
13	C8	CIVIL DETAILS 4
14	C9	CIVIL DETAILS 5
15	C10	CIVIL DETAILS 6
16	C11	CIVIL DETAILS 7
17	C12	CIVIL DETAILS 8
18	C13	CIVIL DETAILS 9
19	C14	CIVIL DETAILS 10
20	C15	TEMPORARY EROSION AND SEDIMENTATION CONTROL 1
21	C16	TEMPORARY EROSION AND SEDIMENTATION CONTROL 2
22	M1	MECHANICAL PLAN VIEWS AT GRADE
23	M2	MECHANICAL PLAN VIEWS AT VAULT
24	M3	MECHANICAL SECTION
25	M4	PUMP CURVE AND DATA
26	M5	MECHANICAL DETAILS 1
27	M6	MECHANICAL DETAILS 2
28	M7	MECHANICAL DETAILS 3
29	M8	MECHANICAL DETAILS 4
30	M9	MECHANICAL DETAILS 5
31	M10	MECHANICAL DETAILS 6
32	S1	STRUCTURAL NOTES 1
33	S2	STRUCTURAL NOTES 2
34	S3	STRUCTURAL NOTES 3

SHEET NUMBER	DRAWING NUMBER	SHEET TITLE
35	S4	STRUCTURAL NOTES 4
36	S5	STRUCTURAL NOTES 5
37	S6	STRUCTURAL NOTES 6
38	S7	STRUCTURAL NOTES 7
39	S8	STRUCTURAL NOTES 8
40	S9	STRUCTURAL NOTES 9
41	S10	STRUCTURAL NOTES 10
42	S11	STRUCTURAL NOTES 11
43	S20	STRUCTURAL OVERALL
44	S21	LIFT STATION/ VAULT PLAN AT GRADE
45	S22	LIFT STATION/ VAULT PLAN FLOOR PLAN
46	S23	LIFT STATION - SECTION
47	S30	SECTIONS 1
48	S31	SECTIONS 2
49	S32	SECTIONS 3
50	S40	TYPICAL DETAILS 1
51	S41	TYPICAL DETAILS 2
52	E1	ELECTRICAL LEGEND
53	E2	ELECTRICAL SITE PLAN
54	E3	ELECTRICAL ONE LINE DIAGRAM
55	E4	ELECTRICAL RACK ELEVATION
56	E5	ONCOR DETAILS
57	E6	PUMP CONTROL PANEL DETAILS
58	E7	WET WELL ELECTRICAL DETAILS
59	E8	ELECTRICAL DETAILS
60	I1	LIFT STATION PID
61	I2	SCHEMATIC DIAGRAMS - 1
62	I3	SCHEMATIC DIAGRAMS - 2
63	I4	SCHEMATIC DIAGRAMS - 3
64	I5	SCHEMATIC DIAGRAMS - 4
65	I6	MOTOR SCHEMATIC DIAGRAMS

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

SHEET LIST

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	G2
SHEET NUMBER	2 OF 65

Printed: 1/25/2024 3:47 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-G-GN-INDX Layout: LAYOUT1 Saved: 1/5/2024 1:13 PM Last Saved By: jbauer

CITY OF HUTTO - GENERAL CONSTRUCTION NOTES

UPDATED MARCH 2019

1. THE CONTRACTOR IS TO CONTACT ONE OF THE FOLLOWING:
   TEXAS811 811
   LONE STAR 1-800-669-8344
   FOR LOCATION OF EXISTING FACILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
2. PRIOR TO ANY CONSTRUCTION, THE DESIGN ENGINEER SHALL CONVENE A PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF HUTTO, HIMSELF, THE CONTRACTOR, OTHER UTILITY COMPANIES, ANY AFFECTED PARTIES AND ANY OTHER ENTITY THE CITY OR ENGINEER MAY REQUIRE. IF CONSTRUCTION IS NOT STARTED ON THE SITE WITHIN 30 CALENDAR DAYS AFTER THE PRE-CONSTRUCTION CONFERENCE, THE ENGINEER SHALL CONVENE A NEW PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF HUTTO, HIMSELF, AND ALL THE ABOVE MENTIONED ENTITIES.
3. PRIOR TO ANY CHANGES TO THE CONSTRUCTION SITE, VIDEO OF THE SITE MUST BE TAKEN AND PROVIDED TO THE CITY BEFORE CONSTRUCTION COMMENCES.
4. ALL CONSTRUCTION OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF HUTTO ENGINEERING MANUAL AND STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS. IF CITY OF HUTTO ENGINEERING MANUAL UNAVAILABLE, OR NOT APPLICABLE, REFER TO TXDOT AND/OR CITY OF GEORGETOWN MANUAL, STANDARDS AND/OR SPECIFICATIONS.
5. ALL STORM SEWER BENDS AND WYES SHALL BE PREFABRICATED.
6. ALL STORM SEWER MAINS TO BE FIELD-TESTED FOR WATER TIGHTNESS NO SOONER THAN 30 DAYS AFTER TOTAL COMPLETION OF THE STORM SEWER LINES.
7. ALL STORM SEWER MAINS TO BE VIDEO TAPED BY CAMERA NO SOONER THAN 30 DAYS AFTER TOTAL COMPLETION OF THE STORM SEWER LINES. TWO DIGITAL COPIES SHALL BE SUPPLIED TO THE CITY BEFORE CLOSEOUT. ALL STORM SEWER CONDUITS WILL BE INSPECTED BY THE CITY BEFORE CITY ACCEPTANCE, VIDEO MUST SHOW DETAILS OF ALL IRREGULARITIES OR OFFSETS (MINIMUM 10 SECONDS OF VIDEO TIME).
8. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 E. 6TH STREET, AUSTIN, TEXAS.
9. CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE INCURRED TO EXISTING FACILITIES AS A RESULT OF CONSTRUCTION OPERATIONS TO BE REPAIRED IMMEDIATELY BY THE CONTRACTOR, AT NO ADDITIONAL COST TO OWNER.
10. CONTRACTOR TO GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS OR PERSONS IN CHARGE OF PUBLIC AND PRIVATE UTILITIES AFFECTED BY HIS OPERATIONS AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
11. CONTRACTOR TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS REGARDING EXCESS AND WASTE MATERIAL, INCLUDING METHODS OF HANDLING AND DISPOSAL.
12. CONTRACTOR TO COORDINATE INTERRUPTIONS OF ALL UTILITIES AND SERVICES. ALL WORK TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY OR AGENCY INVOLVED.
13. WHEN UN-LOCATED OR INCORRECTLY LOCATED, A BREAK IN UTILITY LINES, OR OTHER UTILITIES AND SERVICES ARE ENCOUNTERED DURING SITE WORK OPERATIONS, CONTRACTOR SHALL NOTIFY THE APPLICABLE UTILITY COMPANY IMMEDIATELY TO OBTAIN PROCEDURE DIRECTIONS. CONTRACTOR SHALL COOPERATE WITH THE APPLICABLE UTILITY COMPANY IN MAINTAINING ACTIVE SERVICES IN OPERATION.
14. CONTRACTOR TO LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS. RE-ESTABLISH DISTURBED OR DESTROYED ITEMS BY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AT NO ADDITIONAL COST TO OWNER.
15. WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. CLEAN-UP SHALL BE TO THE SATISFACTION OF THE ENGINEER.
16. THE CONTRACTOR AND THE ENGINEER SHALL KEEP ACCURATE RECORDS OF ALL CONSTRUCTION THAT DEVIATES FROM THE PLANS. ACCURATE "RECORD" DRAWINGS WILL BE PROVIDED TO THE CITY OF HUTTO, ALONG WITH A LETTER CERTIFICATION FROM A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS, STATING THAT SAID PROJECT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THESE PLANS, PRIOR TO THE OWNER BEING ISSUED A CERTIFICATION OF COMPLETION AND FINAL ACCEPTANCE. THESE "RECORD" DRAWINGS SHALL MEET WITH THE SATISFACTION OF THE ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENTS PRIOR TO FINAL ACCEPTANCE.
17. CONTRACTOR SHALL STRIP SIX (6) INCHES OF TOPSOIL FROM ALL AREAS SUBJECT TO GRADE MODIFICATION. REMOVE ALL AREAS OF WEAK SOIL.
18. THE CONTRACTOR SHALL PROTECT ALL EXISTING FENCES. IN THE EVENT THAT A FENCE MUST BE REMOVED, THE CONTRACTOR SHALL REPLACE SAID FENCE OR PORTION THEREOF WITH THE SAME TYPE OF FENCING TO A QUALITY OF EQUAL OR BETTER THAN THE ORIGINAL FENCE.
19. UPON COMPLETION OF THE PROJECT, THE SITE(S) AS DEFINED HEREIN SHALL BE CLEANED OF ALL DEBRIS AND LEFT IN A NEAT AND PRESENTABLE CONDITION.
20. ALL ADJOINING PAVEMENT SECTIONS SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND ANY DAMAGES INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
21. CONTRACTOR TO CONTROL DUST CAUSED BY THE WORK AND COMPLY WITH POLLUTION CONTROL REGULATIONS OF GOVERNING AUTHORITIES (NO SEPARATE PAY).
22. TRAFFIC CONTROLS TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT TXDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND TXDOT BARRICADE AND CONSTRUCTION STANDARDS.
23. REVEGETATE ALL DISTURBED AREAS UPON COMPLETION OF THE WORK PER CITY OF GEORGETOWN CONSTRUCTION STANDARDS.
24. CONTRACTOR TO EXERCISE CAUTION DURING CONSTRUCTION NEAR AND AROUND GAS LINES AND POWER LINES.
25. NO WORK IS TO BE PERFORMED BETWEEN THE HOURS OF 6:00 P.M. AND 7:00 A.M. ALL WORK REQUIRING CITY INSPECTION SHALL BE PERFORMED MONDAY THRU FRIDAY. THE CITY RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO UNCOVER ALL WORK PERFORMED WITHOUT INSPECTION.
26. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION VERTICALLY AND HORIZONTALLY OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK, AND SHALL NOTIFY THE ENGINEER AND THE CITY IF THE EXISTING UTILITY LOCATION AND DEPTHS ARE DIFFERENT FROM WHAT IS SHOWN ON THE PLANS. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
27. ALL FIRE LINES SHALL BE DUCTILE IRON.
28. DETECTABLE TAPE SHALL BE USED FOR ALL UNDERGROUND UTILITIES. TAPE MUST BE 12" WIDE 5 MIL WITH APPLICABLE COLOR AND LABEL.
29. 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.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO PRIVATE PROPERTY WHICH OCCURS 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 PAY AND/OR SETTLE WITH PRIVATE PROPERTY OWNER(S) FOR ALL COST RELATED TO DAMAGE. THE CITY WILL NOT PROVIDE SEPARATE PAY FOR REPAIR OF DAMAGES, REIMBURSEMENTS OR SETTLEMENTS.

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

GENERAL CONSTRUCTION NOTES

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	G3
SHEET NUMBER	3 OF 65

Printed: 1/25/2024 3:47 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-G-GN-NOTE Layout: LAYOUT1 Saved: 1/3/2024 12:48 PM Last Saved By: jbauer

CITY OF HUTTO - WASTEWATER NOTES

UPDATED AUGUST 2018

1. WASTEWATER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF HUTTO ENGINEERING DESIGN MANUAL, STANDARD SPECIFICATIONS AND STANDARD DETAILS.
2. NO CURVILINEAR WASTEWATER DESIGN/LAYOUT IS PERMITTED.
3. ALL WASTEWATER SERVICE, AND VALVE LOCATIONS SHALL BE APPROPRIATELY MARKED AS FOLLOWS:
   A. WASTEWATER SERVICE "S" ON TOP OF CURB
   B. VALVE "V" ON TOP OF CURB
4. TOOLS FOR MARKING CURBS SHALL BE PROVIDED BY THE CONTRACTOR. OTHER APPROPRIATE MEANS OF MARKING SERVICE AND VALVE LOCATIONS SHALL BE PROVIDED IN AREAS WITHOUT CURBS. SUCH MEANS OF MARKING SHALL BE SPECIFIED BY THE DESIGN ENGINEER AND APPROVED BY THE CITY OF HUTTO.
5. THRUST BLOCKING AND RESTRAINTS SHALL BE IN ACCORDANCE WITH CITY OF HUTTO STANDARD SPECIFICATIONS.
6. MANDREL TESTING WILL BE REQUIRED ON ALL WASTEWATER PIPE AS PER CITY OF HUTTO CONSTRUCTION SPECIFICATIONS.
7. ALL GRAVITY WASTEWATER MAINS TO BE FIELD-TESTED FOR WATER TIGHTNESS AND VIDEO TAPED BY CAMERA NO SOONER THAN 30-DAYS AFTER TOTAL COMPLETION OF WASTEWATER LINES. TWO DIGITAL COPIES SHALL BE PROVIDED TO THE CITY BEFORE CLOSEOUT.
8. HYDROSTATIC PRESSURE AND LEAKAGE TESTS SHALL BE PERFORMED ON ALL PRESSURE PIPELINES CARRYING WASTEWATER.
9. ALL MANHOLES SHALL BE TESTED FOR LEAKAGE SEPARATELY AND INDEPENDENTLY OF WASTEWATER LINES BY HYDROSTATIC EXFILTRATION TESTING OR OTHER CITY APPROVED METHOD PER CITY OF HUTTO CONSTRUCTION SPECIFICATIONS.
10. EXISTING MANHOLES SHALL BE TESTED FOR LEAKAGE PRIOR TO CORING OR ADJUSTMENT.
11. EXISTING MANHOLES SHALL HAVE ALL CONCRETE SURFACES CLEANED AND COATED PER CITY OF HUTTO WASTEWATER DETAILS AFTER CORING OR ADJUSTMENT.
12. ALL NEWLY INSTALLED PIPES AND RELATED PRODUCTS MUST CONFORM TO AMERICAN NATIONAL STANDARDS INSTITUTE / NATIONAL SANITATION FOUNDATION STANDARD 61 AND MUST BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY ANSI.
13. PIPE MATERIAL FOR PRESSURE WASTEWATER MAINS SHALL BE PVC (AWWA C900, MIN. DR 14), OR DUCTILE IRON (AWWA C151, MIN. CLASS 350). DUCTILE IRON FOR PRESSURE WASTEWATER MAINS SHALL HAVE A CORROSION RESISTANT INTERIOR LINING ACCEPTABLE TO OWNER. PIPE MATERIAL FOR GRAVITY WASTEWATER MAINS SHALL BE PVC SDR-26, ASTM D-3034.
14. ALL PVC PIPE (ALL TYPES AND SDR/DR WALL THICKNESS TO BE USED) SHALL HAVE RUBBER GASKET EQUIPPED BELL AND SPIGOT JOINTS CONFORMING TO ASTM D-3212. THE GASKET MATERIAL SHALL CONFORM TO ASTM F-477. SOLVENT WELDED JOINTS WILL NOT BE APPROVED FOR THIS PROJECT.
15. ALL SANITARY SEWER FACILITIES AND POTABLE WATERLINES MUST BE INSTALLED SO AS TO PROVIDE A MINIMUM OF NINE FEET OF CLEARANCE IN ANY DIRECTION BETWEEN THEM. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, FOLLOW THESE SPECIAL PROCEDURES.
   A. IF A COLLECTION SYSTEM PIPE PARALLELS A PUBLIC WATER SUPPLY PIPE THE FOLLOWING REQUIREMENTS APPLY:
   I. A COLLECTION SYSTEM PIPE MUST BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC MEETING ASTM SPECIFICATIONS WITH AT LEAST 150 POUNDS PER SQUARE INCH (PSI) PRESSURE RATING FOR BOTH THE PIPE AND JOINTS.
   II. VERTICAL SEPARATION MUST BE AT LEAST TWO FEET BETWEEN THE OUTSIDE DIAMETERS OF THE PIPES.
   III. HORIZONTAL SEPARATION MUST BE AT LEAST FOUR FEET BETWEEN OUTSIDE DIAMETERS OF THE PIPES.
   IV. COLLECTION SYSTEM PIPE MUST BE BELOW WATER SUPPLY PIPE.
   B. IF A COLLECTION SYSTEM PIPE CROSSES A PUBLIC WATER SUPPLY PIPE, THE FOLLOWING REQUIREMENTS APPLY:
      I. IF A COLLECTION SYSTEM IS CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC WITH A MINIMUM PRESSURE RATING OF 150 PSI, THE FOLLOWING REQUIREMENTS APPLY:
         a. A MINIMUM DISTANCE OF SIX (6) INCHES BETWEEN OUTSIDE DIAMETERS OF THE PIPES.
         b. A COLLECTION SYSTEM PIPE MUST BE BELOW A PUBLIC WATER SUPPLY PIPE.
         c. COLLECTION SYSTEM PIPE JOINTS MUST BE LOCATED AS FAR AS POSSIBLE FROM AN INTERSECTION WITH A PUBLIC WATER SUPPLY LINE.
      II. IF A COLLECTION SYSTEM CROSSES OVER A PUBLIC WATER SUPPLY PIPE, EACH PORTION OF A COLLECTION SYSTEM PIPE WITHIN NINE FEET OF A PUBLIC WATER SUPPLY PIPE MUST BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC PIPE WITH A PRESSURE RATING OF AT LEAST 150 PSI USING APPROPRIATE ADAPTERS.
15. AN INDEPENDENT QUALIFIED LAB, AT THE CONTRACTOR'S EXPENSE, SHALL PERFORM QUALITY TESTING FOR ALL WASTEWATER PIPE INSTALLED AND PRESSURE HYDROSTATIC TESTING OF ALL WATER LINES CONSTRUCTED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT (INCLUDING PUMPS AND GAGES), SUPPLIES, AND LABOR NECESSARY TO PERFORM THE TESTS. A CITY OF HUTTO CONSTRUCTION INSPECTOR MUST BE PRESENT FOR ALL TESTING.
16. THE CONTRACTOR SHALL PROVIDE THE DESIGN ENGINEER AND THE CITY NOT LESS THAN 24 HOURS NOTICE PRIOR TO PERFORMING STERILIZATION, QUALITY TESTING, OR PRESSURE TESTING.
17. THE CONTRACTOR SHALL NOT OPEN OR CLOSE ANY VALVES UNLESS AUTHORIZED BY THE CITY OF HUTTO.
18. ALL VALVE BOXES AND COVERS SHALL BE CAST IRON PER CITY OF HUTTO STANDARD DETAILS.
19. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON RING AND COVER. ALL MANHOLES LOCATED OUTSIDE OF PAVEMENT SHALL HAVE BOLTED AND GASKETED COVERS. CONCRETE MANHOLES TO BE COATED PER STANDARD DETAIL AND CONSTRUCTION SPECIFICATIONS. TAPPING OF FIBERGLASS MANHOLES SHALL NOT BE PERMITTED.
20. ALL WASTEWATER PIPING AND FITTINGS SHALL BE VIRGIN STOCK.
21. ALL MECHANICAL RESTRAINTS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

PRE-PURCHASED EQUIPMENT NOTES

THE FOLLOWING EQUIPMENT WAS PURCHASED IN ADVANCE THROUGH THE HUTTO EMERGENCY WASTEWATER IMPROVEMENTS WW09 - SOUTH EAST LOOP LIFT STATION PRE-PURCHASE PACKAGE:

1. SUBMERSIBLE PUMPS AND CONTROL PANELS

FOR FURTHER INFORMATION ON THIS EQUIPMENT SEE PROJECT MANUAL TECHNICAL SPECIFICATION SECTIONS 11312 - SUBMERSIBLE CENTRIFUGAL PUMP AND 16902 - CONTROL PANELS.

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

WASTEWATER NOTES

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	G4
SHEET NUMBER	4 OF 65

Printed: 1/25/2024 3:47 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW09-LIFT_STATION\0900-G-GN-NOTE Layout: LAYOUT2 Saved: 1/3/2024 12:48 PM Last Saved By: jbauer

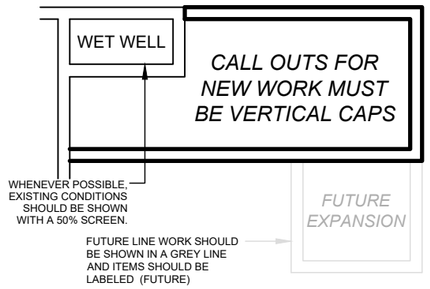
PIPE AND FITTING SYMBOLS

DOUBLE LINE PIPING	SINGLE LINE PIPING	FEATURE
		PROCESS PIPING
		EXISTING PROCESS PIPING
		FUTURE PROCESS PIPING
		WELDED JOINT
		DIRECTION OF FLOW
		SCREWED OR THREADED JOINT (SEE NOTE 1)
		FLANGED JOINT (SEE NOTE 1)
		COUPLING FOR GROOVED END JOINTS: (F) FLEXIBLE OR (R) RIGID
		MECHANICAL JOINT (SEE NOTE 1)
		PUSH ON JOINT OR CAULKED BELL & SPIGOT JOINT (SEE NOTE 1)
		FLANGE x PLAIN END PIPE COUPLING (FLANGE ADAPTOR)
		FLANGE x PLAIN END PIPE COUPLING, RESTRAINED (FLANGE ADAPTOR, RESTRAINED)
		PIPE COUPLING (SLEEVE-TYPE)
		PIPE COUPLING, RESTRAINED (AWWA-11)
		FLEXIBLE COUPLING OR EXPANSION JOINT (SLEEVE TYPE)
		UNION
		FLEXIBLE COUPLING OR EXPANSION JOINT (BELLOWS TYPE)
		FLANGE GUARD
		PLUG
		PIPE TURNED 90° TOWARD
		PIPE TURNED 90° AWAY
		TEE IN PIPE RUN WITH BRANCH DOWN
		TEE IN PIPE RUN WITH BRANCH UP
		PITCH PIPE TO LOW POINT
		MECHANICAL JOINT - RESTRAINED
		BALL JOINT
		QUICK CONNECT COUPLING
		HOSE COUPLING
		HOSE COUPLING w/CAP
		BLIND FLANGE
		DRAIN
		LIQUID QUICK DISCONNECT
		AIR QUICK DISCONNECT
		DIAPHRAM SEAL STANDARD
		FLEXIBLE HOSE CONNECTION

PIPE AND FITTING SYMBOLS NOTES:

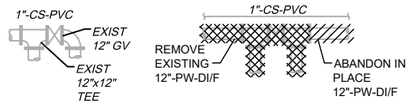
1. GENERIC JOINT SYMBOL IS USED FOR ALL SINGLE LINE PIPING SHOWN ON THE INTERIOR AND EXTERIOR PIPING DRAWINGS.
2. UNLESS MODIFIED BY THE GENERAL PROJECT NOTES OR DETAILED ON THE LAYOUT AND SCHEMATIC DRAWINGS, PIPE AND FITTING JOINT REQUIREMENTS FOR THE VARIOUS PIPE MATERIALS ARE DEFINED IN THE SPECIFICATIONS AND ARE INDICATED ON THE PROCESS PIPE SCHEDULES.

EXISTING OR FUTURE CONDITION DESIGNATION



DEMOLITION/ABANDONMENT LEGEND

SYMBOL	FEATURE
	EXISTING PIPE, STRUCTURE OR OTHER ITEMS TO BE DEMOLISHED & REMOVED
	EXISTING PIPE, STRUCTURE OR OTHER ITEMS TO BE ABANDONED IN PLACE



SURVEY DATA

NOTES:

1. ALL DISTANCES AND COORDINATES SHOWN HEREIN ARE U.S. SURVEY FEET AND REFERENCED TO THE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983(2011 ADJ), TEXAS CENTRAL ZONE NO. 4203.
2. ALL COORDINATES ARE SURFACE VALUES AND MAY BE CONVERTED TO GRID VALUES BY DIVIDING BY A COMBINED ADJUSTMENT FACTOR OF 1.00012.
3. ALL HORIZONTAL CONTROL SHOWN HEREIN WAS ESTABLISHED USING GPS STATIC OBSERVATIONS WITH REFERENCE TO THE VIRTUAL REFERENCE STATION:
   TXBU - BURNET TXDOT CORS ARP
   TXC2 - CAMERON TXDOT CORS ARP
   TXBS - BASTROP TXDOT CORS ARP
   SAM2 - SAM AUSTIN CORS ARP
4. ALL VERTICAL DATA SHOWN HEREIN IS REFERENCED TO VERTICAL DATUM NAVD 88, GEOID 18.
5. FIELD INFORMATION SHOWN HEREIN IS BASED ON AN "ON-THE-GROUND" SURVEY PERFORMED BY COBB, FENDLEY & ASSOCIATES, INC. FROM APRIL, 2023 THROUGH OCTOBER, 2023.

VERTICAL AND HORIZONTAL CONTROL POINTS:

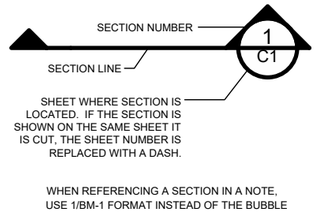
CP - 100
A 5/8" IRON ROD SET WITH "CFA, INC." CAP SET IN SOIL EAST OF THE EDGE OF PAVEMENT, ALONG THE RIGHT-OF-WAY OF FM 3349, APPROXIMATELY 1520' SOUTH OF THE INTERSECTION OF HIGHWAY 79 & FM 3349.
SURFACE COORDINATES
NORTHING: 10176376.30 EASTING: 3193869.81 ELEVATION: 640.92'
LAT./LON.
30°32'59.00223"N 97°29'01.02117"W ELEVATION:
GRID COORDINATES
NORTHING: 10175155.28 EASTING: 3193486.60 ELEVATION: 640.92'

CP - 101
SURFACE COORDINATES
NORTHING: 10171987.92 EASTING: 3193286.96 ELEVATION: 629.33'
LAT./LON.
30°32'15.73050"N 97°29'08.96874"W ELEVATION:
GRID COORDINATES
NORTHING: 10170767.42 EASTING: 3192903.81 ELEVATION: 629.33'

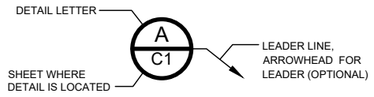
CP - 102
A 5/8" IRON ROD SET WITH "CFA, INC." CAP SET IN SOIL NORTH OF THE EDGE OF PAVEMENT ALONG THE RIGHT-OF-WAY OF CR 132, APPROXIMATELY 4690' WEST OF THE INTERSECTION OF CR 132 & FM 3349.
SURFACE COORDINATES
NORTHING: 10171120.51 EASTING: 3187930.57 ELEVATION: 644.85'
LAT./LON.
30°32'08.50105"N 97°30'10.44713"W ELEVATION:
GRID COORDINATES
NORTHING: 10169900.12 EASTING: 3187548.06 ELEVATION: 644.85'

CP - 103
A 5/8" IRON ROD SET WITH "CFA, INC." CAP SET IN SOIL NORTH OF THE EDGE OF PAVEMENT ALONG THE RIGHT-OF-WAY OF BAUNSON BOULEVARD, APPROXIMATELY 610' SOUTH OF THE INTERSECTION OF CR 132 & CR 199.
SURFACE COORDINATES
NORTHING: 10172021.20 EASTING: 3180144.36 ELEVATION: 648.19'
LAT./LON.
30°32'19.36476"N 97°31'39.18606"W ELEVATION:
GRID COORDINATES
NORTHING: 10170800.71 EASTING: 3179762.79 ELEVATION: 648.19'

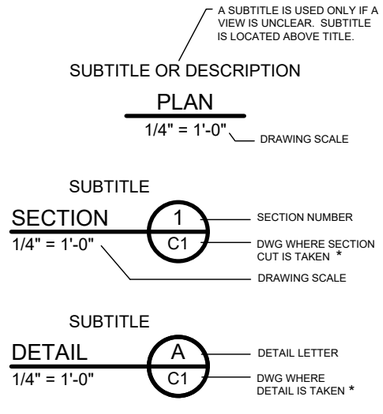
SECTION CUT SYMBOLS



DETAIL CALL OUT SYMBOLS

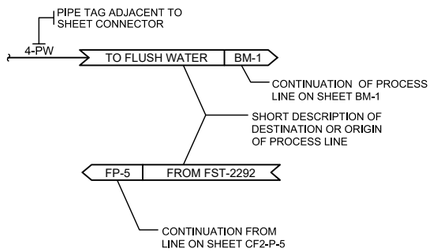


DRAWING, SECTION AND DETAIL TITLES



* IF SECTION OR DETAIL IS DRAWN ON THE SAME SHEET THAT IT IS TAKEN FROM, REPLACE THE SHEET NUMBER WITH A HYPHEN. IF THE SECTION IS REFERENCED ON MULTIPLE SHEETS, THE SHEET NUMBER INDICATES THE FIRST SHEET THE SECTION IS TAKEN FROM.

FLOW DIAGRAM SHEET CONNECTIONS



CIVIL SYMBOLS

EXISTING	PROPOSED
EXISTING EXPOSED PIPELINE (24-INCHES AND LARGER)	EXPOSED PIPELINE (24-INCHES AND LARGER)
EXISTING EXPOSED PIPELINE (SMALLER THAN 24-INCHES)	EXPOSED PIPELINE (SMALLER THAN 24-INCHES)
EXISTING BURIED PIPELINE (24- INCHES AND GREATER)	BURIED PIPELINE (24-INCHES AND GREATER)
EXISTING BURIED PIPELINE (SMALLER THAN 24- INCHES)	BURIED PIPELINE (SMALLER THAN 24-INCHES)
FORCE MAIN	EDGE OF PAVEMENT
-EX-8" WW- SANITARY SEWER	WOOD FENCE
-EX-4" W- WATER MAIN	CHAIN LINK FENCE
SD STORM DRAIN	MASONRY FENCE
-EX-GAS- GAS MAIN	RIGHT-OF-WAY OR PROPERTY BOUNDARY
SANITARY SEWER MANHOLE	PROPOSED FG ELEV
WATER METER	SWALE
WATER VALVE	PROPOSED SITE DRAINAGE PATH
FIRE HYDRANT	SILT FENCE
POWER POLE	
GUY WIRE	
SL	
EB	
PED	
OHE OVERHEAD LINE	
T TELEPHONE LINE	
WOOD FENCE	
CHAIN LINK FENCE	
TREES OR DENSE VEGETATION	
RIGHT-OF-WAY OR PROPERTY BOUNDARY	
EXISTING EASEMENT BOUNDARY	
BENCH MARK	
EXISTING SITE DRAINAGE PATH	
TREE	
629 EXISTING CONTOUR LINE	

ABBREVIATIONS LEGEND

DESIGNATION	DESCRIPTION
BFP	BACK FLOW PREVENTER
BLDG	BUILDING
BOT	BOTTOM
CONC	CONCRETE
CV	CHECK VALVE
Ø	DIAMETER
DR	DRAIN LINE
DIP	DUCTILE IRON PIPE
DWG	DRAWING
ELEC	ELECTRICAL
ELEV	ELEVATION
ESC	EROSION AND SEDIMENT CONTROL
EW	EACH WAY
EXIST	EXISTING
FAD	FOUL AIR DISCHARGE
FG	FINISHED GRADE
FL	FLOW LINE
FLR	FLOOR
FM	FORCE MAIN
FT	FEET
HB	HIGH BANK ELEVATION
INF	INFLUENT
INF FM	INFLUENT FORCE MAIN
INV	INVERT
JWSUD	JONAH WATER SPECIAL UTILITY DISTRICT
MH	MANHOLE
MAX	MAXIMUM
MIN	MINIMUM
MJ	MECHANICAL JOINT
NFV	NOT FIELD VERIFIED
NG	NATURAL GROUND
NPW	NON-POTABLE WATER
PA	PRESSURE AIR
PV	PLUG VALVE
PW	POTABLE WATER
ROW	RIGHT OF WAY
SAN	SANITARY
SAN SWR	SANITARY SEWER
SHT	SHEET
STM	STORM
SWR	SEWER
TOC	TOP OF CONCRETE
TOW	TOP OF WALL ELEVATION
WSEL	WATER SURFACE ELEVATION

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

CIVIL AND PROCESS MECHANICAL LEGEND

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

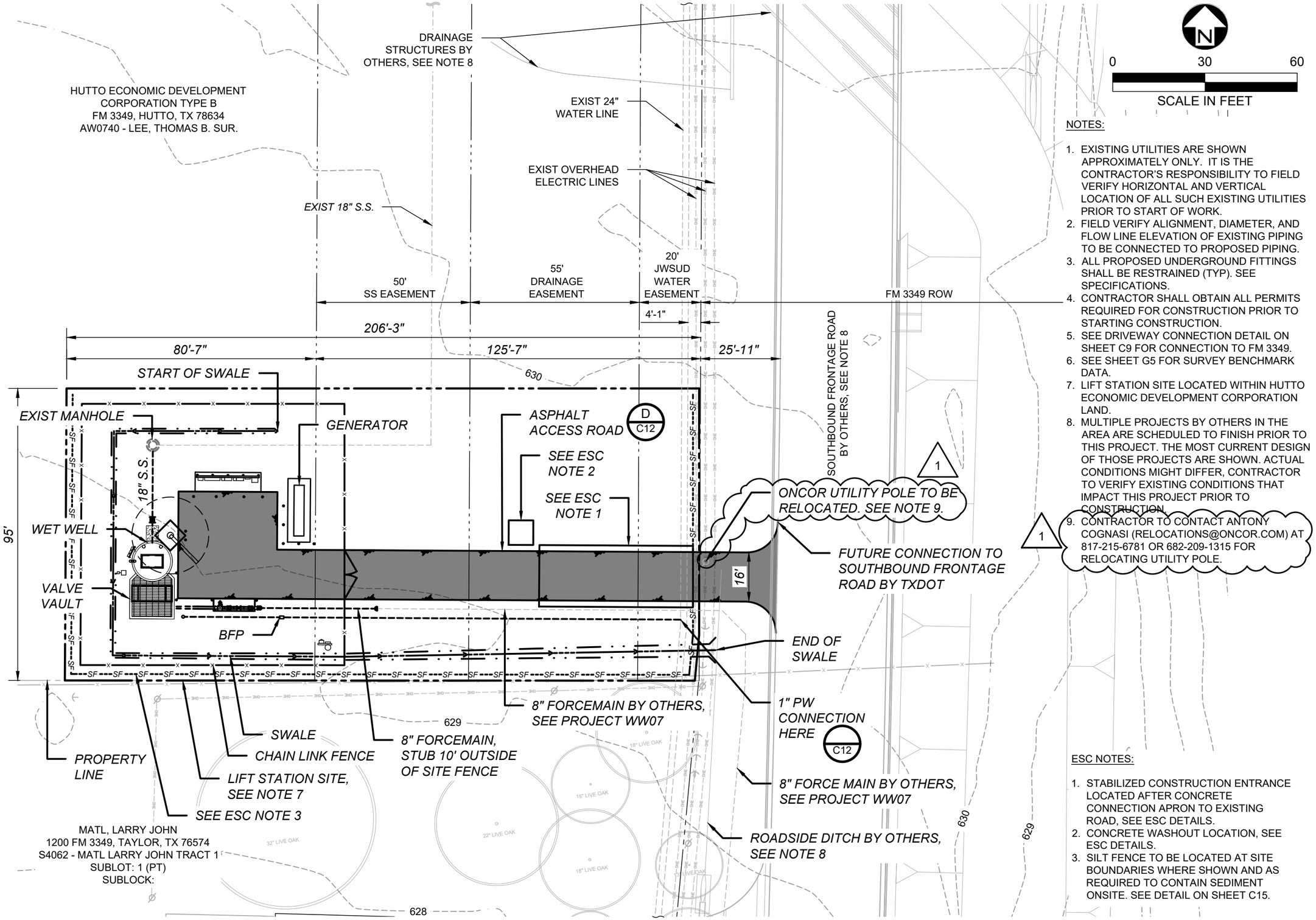
THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	G5
SHEET NUMBER	5 OF 65

Printed: 1/25/2024 3:48 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-G-GN-LGND Layout: LEGEND 1 Saved: 1/23/2024 3:58 PM Last Saved By: jbauer

Printed: 3/18/2024 9:42 PM User: Michelle Duran File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW09-LIFT_STATION\0900-C-SI-PLAN Layout: OVERALL Saved: 3/18/2024 9:40 PM Last Saved By: mduran



NOTES:

1. EXISTING UTILITIES ARE SHOWN APPROXIMATELY ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL SUCH EXISTING UTILITIES PRIOR TO START OF WORK.
2. FIELD VERIFY ALIGNMENT, DIAMETER, AND FLOW LINE ELEVATION OF EXISTING PIPING TO BE CONNECTED TO PROPOSED PIPING.
3. ALL PROPOSED UNDERGROUND FITTINGS SHALL BE RESTRAINED (TYP). SEE SPECIFICATIONS.
4. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR CONSTRUCTION PRIOR TO STARTING CONSTRUCTION.
5. SEE DRIVEWAY CONNECTION DETAIL ON SHEET C9 FOR CONNECTION TO FM 3349.
6. SEE SHEET G5 FOR SURVEY BENCHMARK DATA.
7. LIFT STATION SITE LOCATED WITHIN HUTTO ECONOMIC DEVELOPMENT CORPORATION LAND.
8. MULTIPLE PROJECTS BY OTHERS IN THE AREA ARE SCHEDULED TO FINISH PRIOR TO THIS PROJECT. THE MOST CURRENT DESIGN OF THOSE PROJECTS ARE SHOWN. ACTUAL CONDITIONS MIGHT DIFFER, CONTRACTOR TO VERIFY EXISTING CONDITIONS THAT IMPACT THIS PROJECT PRIOR TO CONSTRUCTION.
9. CONTRACTOR TO CONTACT ANTONY COGNASI (RELOCATIONS@ONCOR.COM) AT 817-215-6781 OR 682-209-1315 FOR RELOCATING UTILITY POLE.

ESC NOTES:

1. STABILIZED CONSTRUCTION ENTRANCE LOCATED AFTER CONCRETE CONNECTION APRON TO EXISTING ROAD, SEE ESC DETAILS.
2. CONCRETE WASHOUT LOCATION, SEE ESC DETAILS.
3. SILT FENCE TO BE LOCATED AT SITE BOUNDARIES WHERE SHOWN AND AS REQUIRED TO CONTAIN SEDIMENT ONSITE. SEE DETAIL ON SHEET C15.

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	ZS	3/20/2024	ADDENDUM 1

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
3/18/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

PROPOSED OVERALL SITE PLAN

K·FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	1" = 30'
DATE	March 18, 2024
DRAWING NO.	C1
SHEET NUMBER	6 OF 65

Printed: 1/25/2024 3:53 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-SI-PLAN Layout: GRADING Saved: 1/25/2024 3:39 PM Last Saved By: jbauer

DRAINAGE STRUCTURES
BY OTHERS, SEE NOTE 7

EXIST 18" S.S.

HUTTO ECONOMIC DEVELOPMENT
CORPORATION TYPE B
FM 3349, HUTTO, TX 78634
AW0740 - LEE, THOMAS B. SUR.

50'
SS EASEMENT

55'
DRAINAGE
EASEMENT

PROP
20'
JWSUD
WATER
EASEMENT

FM 3349 ROW

SOUTHBOUND
FRONTAGE ROAD
BY OTHERS, SEE NOTE 7

N

0 30 60
SCALE IN FEET

PF-1
PF-2
PF-3
PF-4
P-SW1
P-SW2
P-O1
P-O2
P-O3
P-O4
P-O5
P-O6
P-O7
P-R1
P-R2
P-R3
P-R4
P-R5
P-R6
P-R7
P-R8
P-R9
P-R10
P-MH1
P-VV1
P-VV2
P-WW1

52'-3"
73'
196'
16'
18" S.S.
1" PW
8" FORCEMAIN,
SEE PROJECT WW07
ASPHALT
ACCESS ROAD
APPROX 322 LF
SWALE OVERALL
AT 0.1% SLOPE
H
C14
CHAIN LINK FENCE
LIFT STATION SITE, SEE NOTE 6
PROPERTY LINE
ALL TREES AROUND
SITE SURVEYED,
SEE NOTE 4
8" FORCE MAIN,
SEE PROJECT WW07
ROADSIDE DITCH BY OTHERS,
SEE NOTE 7

629.5
630
631
629
628
632

18" LIVE OAK
15" LIVE OAK
22" LIVE OAK
32" LIVE OAK

MATL, LARRY JOHN
1200 FM 3349, TAYLOR, TX 76574
S4062 - MATL LARRY JOHN TRACT 1
SUBLOT: 1 (PT)
SUBLOCK:

NOTES:

1. CONTRACTOR SHALL ADJUST FINISHED GRADE ELEVATION TO ACHIEVE DRAINAGE PLAN AS SHOWN, APPROVED BY THE ENGINEER.
2. ALL EQUIPMENT SLABS AND STRUCTURES TO HAVE A TOP OF SLAB ACCORDING TO THE CONSTRUCTION POINT TABLE AND AT LEAST 4" HIGHER THAN FINISHED GRADE.
3. REMOVE TREES, STUMPS, ROOTS, RUBBISH, OR OTHER OBJECTIONABLE MATTER FROM THE DESIGNATED AREAS TO A DEPTH OF SIX INCHES IN AREAS IDENTIFIED IN THE PLANS AND SPECIFICATIONS. SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING AFTERWARDS.
4. NO TREES EXISTING ON PROPOSED SITE WILL BE DISTURBED BY PROPOSED WORK.
5. SEE SHEET G5 FOR SURVEY BENCHMARK DATA.
6. LIFT STATION SITE LOCATED WITHIN HUTTO ECONOMIC DEVELOPMENT CORPORATION LAND.
7. MULTIPLE PROJECTS BY OTHERS IN THE AREA ARE SCHEDULED TO FINISH PRIOR TO THIS PROJECT. THE MOST CURRENT DESIGN OF THOSE PROJECTS ARE SHOWN. ACTUAL CONDITIONS MIGHT DIFFER, CONTRACTOR TO VERIFY EXISTING CONDITIONS THAT IMPACT THIS PROJECT PRIOR TO CONSTRUCTION.

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

PROPOSED SITE GRADING AND CONSTRUCTION LAYOUT PLAN

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	1" = 30'
DATE	January 25, 2024
DRAWING NO.	C2
SHEET NUMBER	7 OF 65

CONSTRUCTION POINTS

POINT	DESCRIPTION	ELEVATION	NORTHING	EASTING
P-F1	FENCE CORNER	MATCH EXISTING	10172112.30	3192879.04
P-F2	FENCE CORNER	MATCH EXISTING	10172101.31	3192963.73
P-F3	FENCE CORNER	MATCH EXISTING	10172016.98	3192952.80
P-F4	FENCE CORNER	MATCH EXISTING	10172028.05	3192867.62
P-WW1	WET WELL CENTER	630.75	10172058.55	3192895.14
P-VV1	VAULT CORNER	630.75	10172040.94	3192885.44
P-VV2	VAULT CORNER	630.75	10172052.13	3192901.58
P-O1	CONTROL PAD	630.00	10172082.61	3192933.96
P-O2	CONTROL PAD	630.00	10172079.24	3192911.89
P-O3	JIB CRANE PAD	629.00	10172066.11	3192902.06
P-O4	BFP PAD	629.50	10172033.87	3192943.17
P-O5	GENERATOR PAD	629.50	10172058.09	3192946.86
P-O6	GENERATOR PAD	629.50	10172079.56	3192942.39
P-O7	FLOW METER PAD	629.00	10172040.00	3192912.85
P-SW1	START OF SWALE	629.00	10172095.45	3192940.05
P-SW2	END OF SWALE	628.50*	10171992.61	3193195.84
P-MH1	MANHOLE	629.00	10172095.97	3192900.21
P-R1	EDGE OF ROAD	MATCH EXISTING*	10172044.99	3193098.61
P-R2	EDGE OF ROAD	MATCH EXISTING*	10172009.35	3193093.30
P-R3	EDGE OF ROAD	MATCH P-R1	10172036.53	3193087.37
P-R4	EDGE OF ROAD	MATCH P-R2	10172020.74	3193084.76
P-R5	EDGE OF ROAD	629.25	10172054.12	3192957.64
P-R6	EDGE OF ROAD	629.17	10172038.25	3192955.58
P-R7	EDGE OF ROAD	629.25	10172057.06	3192935.90
P-R8	EDGE OF ROAD	629.61	10172075.64	3192938.44
P-R9	EDGE OF ROAD	629.61	10172079.96	3192906.56
P-R10	EDGE OF ROAD	628.92	10172045.53	3192901.87

* NOTE:

ELEVATIONS (IF SHOWN) ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO MATCH THE EXISTING FLOWLINE AND TOP OF ROAD ELEVATIONS AS REQUIRED FOR A COMPLETE PROJECT AND MAKE ADJUSTMENTS AS NECESSARY. THESE ELEVATIONS ARE IMPACTED BY MULTIPLE PROJECTS BY OTHERS THAT ARE SCHEDULED TO BE FINISHED PRIOR TO THIS PROJECT.

NOTE:

1. SEE SHEET G5 FOR SURVEY BENCHMARK DATA.

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

PROPOSED CONSTRUCTION POINTS TABLE

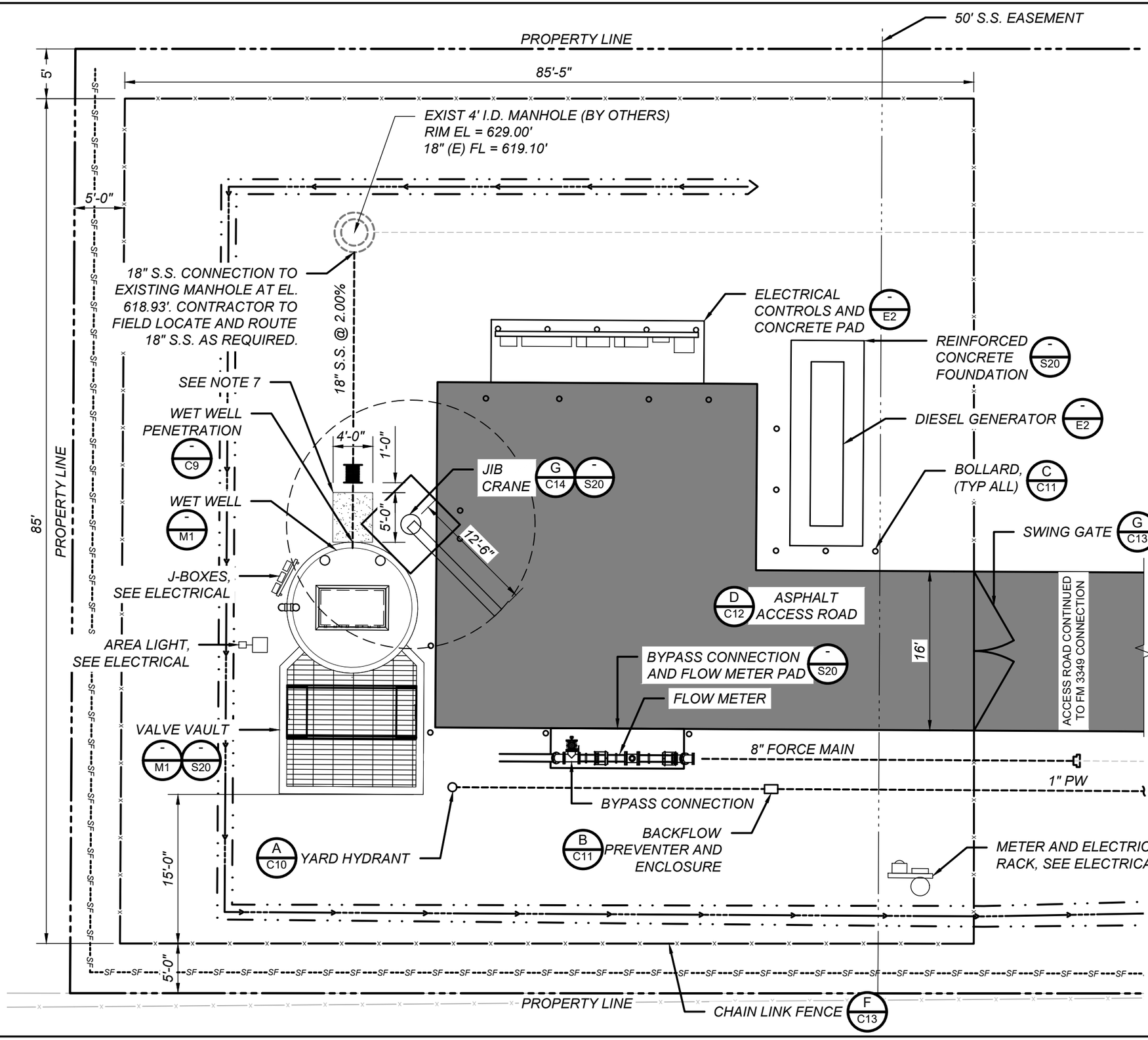
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C3
SHEET NUMBER	8 OF 65

Printed: 1/25/2024 3:53 PM User: Joseph Brauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-SI-PLAN Layout: GRADING (2) Saved: 1/25/2024 3:39 PM Last Saved By: jbauer

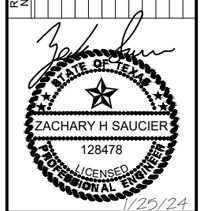
Printed: 1/25/2024 3:54 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-SI-PLAN Layout: PROPOSED Saved: 1/25/2024 3:39 PM Last Saved By: jbauer



NOTES:

1. JIB CRANE BASE DESIGNED AS REQUIRED BY MANUFACTURER.
2. SEE CIVIL DETAILS FOR APPLICABLE MANHOLE, TRENCHING, AND EMBEDMENT DETAILS.
3. SEE SHEET G5 FOR SURVEY BENCHMARK DATA.
4. SEE SHEET C1 FOR LINE CONTINUATION OFFSITE AND ACCESS ROAD CONTINUATION OFFSITE.
5. SEE SHEET C2 FOR CONSTRUCTION POINT LOCATION.
6. THIS PROJECT INCLUDES INSTALLING EQUIPMENT PRE-PURCHASED BY A SUPPLIER, SEE SHEET G4 FOR MORE DETAILS.
7. BEDDING ON SANITARY SEWER LINE TO BE FLOWABLE FILL WITHIN 5' OF WET WELL. ONE FOOT PRIOR TO FLOWABLE FILL SANITARY SEWER LINE TO HAVE FLEXIBLE COUPLING (KRAUSZ HYMAX 2 COUPLING, OR EQUAL).

REV. NO.	BY	DATE	REVISION DESCRIPTION



K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

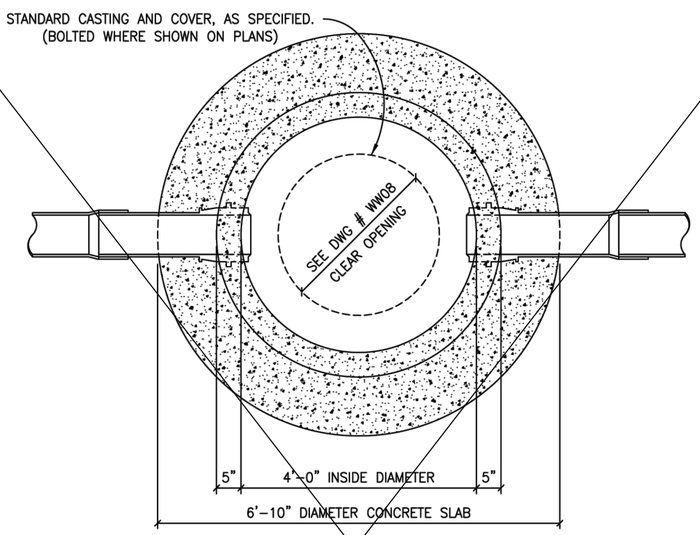
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

PROPOSED ENLARGED SITE PLAN

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	1" = 10'
DATE	January 25, 2024
DRAWING NO.	C4
SHEET NUMBER	9 OF 65



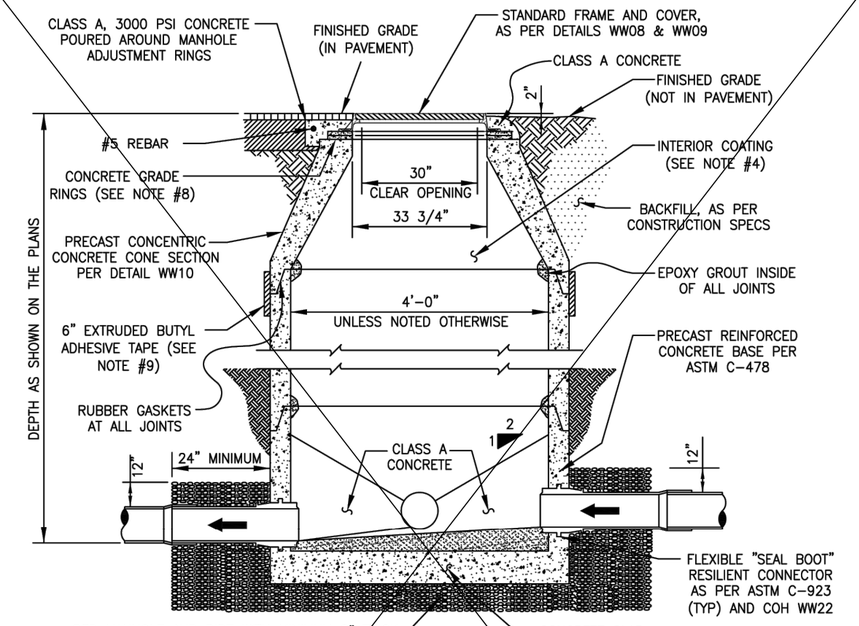
MANHOLE PLAN

MANHOLE BASE BEDDING MATERIAL SPECS FOR ¾ " WASHED GRAVEL OR LIMESTONE:	
2"	0
1 1/2"	0–10
1"	45–80
3/4"	85–100
3/4"	95–100

NOTES:
1. 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.
2. ALL MANHOLES SHALL HAVE WATER–TIGHT FRAME AND COVER, WITH A MINIMUM OF 30" CLEAR OPENING, AS MANUFACTURED BY EAST JORDAN IRON WORKS (AS PER DETAIL WW08 AND WW09) OR CITY ENGINEER APPROVED EQUAL.
3. ALL MANHOLES SHALL BE CONCRETE WITH CAST IORN FRAME AND COVER.
4. ALL MANHOLES SHALL HAVE A CONCENTRIC CONE.
5. MANHOLES MAY HAVE A FLAT LID, IF APPROVED BY CITY OF HUTTO, BEING 12" THICK WITH A MINIMUM 30" OPENING, AS MANUFACTURE BY CALVERT CONCRETE OR CITY ENGINEER APPROVED EQUAL M.F.G. CONVORMING TO ASTM C478, 5000 P.S.I. CONCRETE, TRAFFIC BEARING, AND O–RING JOINT CONFORMING TO ASTM C443.
6. INVERTS AND FLEXIBLE SEAL BOOTS, PER ASTM C–923, SHALL BE CAST INTO BASE SECTION.
7. MINIMUM DROP BETWEEN INVERTS SHALL BE ONE–TENTH OF A FOOT (0.1').
8. TWO INCH (2") GRADE RINGS WITH AN I.D. TO MATCH FRAMES CLEAR OPENING, MINIMUM OF TWO (2), MAXIMUM OF FIVE (5) GRADE RINGS REQUIRED.

CITY OF HUTTO	DRAWING NO. WW03
CONSTRUCTION STANDARDS AND DETAILS	UPDATED: 01/08/2020
STANDARD MANHOLE PLAN	DRAWN BY: BB
ENGINEERING & PUBLIC WORKS	SCALE: N.T.S.
	FILE NAME:WW03.DWG

DETAIL NO LONGER REQUIRED,
ONSITE MANHOLE WILL BE BY OTHERS



NOTES:
1. MANHOLES SHALL BE PRECAST ASTM C578 BELL AND SPIGOT WITH "O" RING JOINTS.
2. SEE CONSTRUCTION PLANS FOR MANHOLE SIZE, LOCATION, CONFIGURATION, TYPE OF TOP SECTION, VENTING REQUIREMENTS, PIPE SIZES AND TYPES.
3. SEE SPECIFICATIONS ON MATERIALS AND CONSTRUCTION.
4. ENTIRE INTERIOR OF WASTEWATER MANHOLES TO BE COATED WITH RAVEN 405, OR APPROVED EQUAL, WITH A UNIFORM THICKNESS OF 124 MILS AND A MINIMUM THICKNESS OF 100 MILS, APPLIED AFTER MANHOLE HAS PASSED THE VACUUM TEST.
5. ALL MANHOLE COVERS SHALL BE BOLTED AND GASKETED, WHEN MANHOLES ARE LOCATED OUTSIDE OF PAVEMENT.
6. MANHOLES TO BE VENTED ARE IDENTIFIED ON MANHOLE SCHEDULE, REFERENCE MANHOLE VENT DETAIL.
7. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO THE FLOW STREAM. ALL P.V.C. PIPE SHALL BE REMOVED FROM INVERT.
8. FRAME ADJUSTMENT HEIGHT SHALL BE FIVE INCHES (5") MINIMUM AND EIGHTEEN INCHES (18") MAXIMUM.
9. EXTERIOR OF EACH JOINT TO BE WRAPPED IN 6" EXTRUDED BUTYL ADHESIVE TAPE WHEN MANHOLE IS LOCATED INT EH 100–YR FLOODPLAIN.
10. MANHOLES TO BE DESIGNED TO RESIST LATERAL AND VERTICAL SOIL FORCES RESULTING FROM MANHOLE DEPTH. ADDITIONALLY, MANHOLES LOCATED IN PAVEMENT TO BE DESIGNED FOR H20 TRAFFIC LOADING.
11. BASE SECTION SHALL BE DESIGNED FOR H20 LOADING, PLUS EARTH LOAD AT 130 PCF.

CITY OF HUTTO	DRAWING NO. WW04
CONSTRUCTION STANDARDS AND DETAILS	UPDATED: 04/01/2019
STANDARD MANHOLE SECTION	DRAWN BY: BB
ENGINEERING & PUBLIC WORKS	SCALE: N.T.S.
	FILE NAME:WW04.DWG

DETAIL NO LONGER REQUIRED,
ONSITE MANHOLE WILL BE BY OTHERS

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

CIVIL DETAILS 1

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

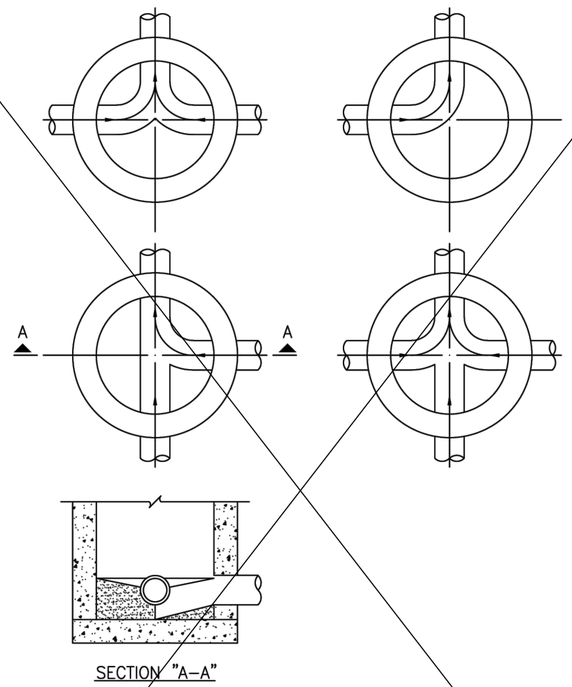
CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C5
SHEET NUMBER	10 OF 65

Printed: 1/25/2024 3:55 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT1 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer

Printed: 1/25/2024 3:55 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT2 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer

FLOW PATTERNS FOR INVERT CHANNELS

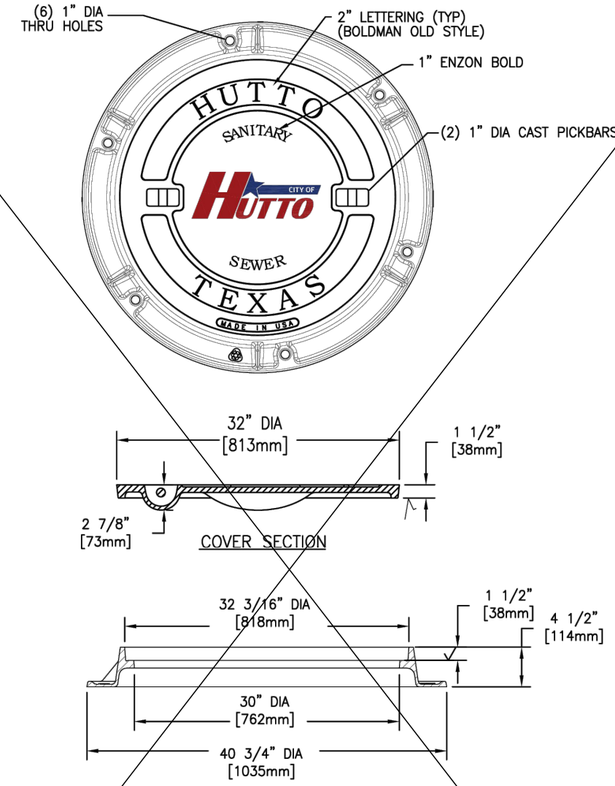


SECTION "A–A"

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 HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. WW07
		UPDATED: 04/01/2019
	FLOW PATTERNS FOR INVERT CHANNELS ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME:WW07.DWG

DETAIL NO LONGER REQUIRED,
ONSITE MANHOLE WILL BE BY OTHERS



NOTES:
1. STANDARD WASTEWATER MANHOLE SET TO BE EAST JORDAN IRON WORKS, INC. CATALOG NO V1420RG/V1432DI OR CITY ENGINEER APPROVED EQUAL, COVER TO BE STAMPED "SANITARY SEWER."
2. STANDARD WASTEWATER MANHOLE SET TO BE HEAVY DUTY LOAD RATED.
3. FOR MORE DETAILED SPECIFICATIONS, REFER TO EAST JORDAN IRON WORKS, INC. REFERENCE PRODUCT DRAWING NO. 41432106A01.
4. FOR BOLTED WASTEWATER MANHOLE SET REFER TO CITY OF HUTTO DETAIL WW09.
5. MANHOLE COVER TO BE DUCTILE IRON PER ASTM A536 (70–50–05).
6. MANHOLE FRAME TO BE GRAY IRON PER ASTM A48 CL35B.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. WW08
		UPDATED: 04/01/2019
	STANDARD WASTEWATER MANHOLE SET ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME:WW08.DWG

DETAIL NO LONGER REQUIRED,
ONSITE MANHOLE WILL BE BY OTHERS

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

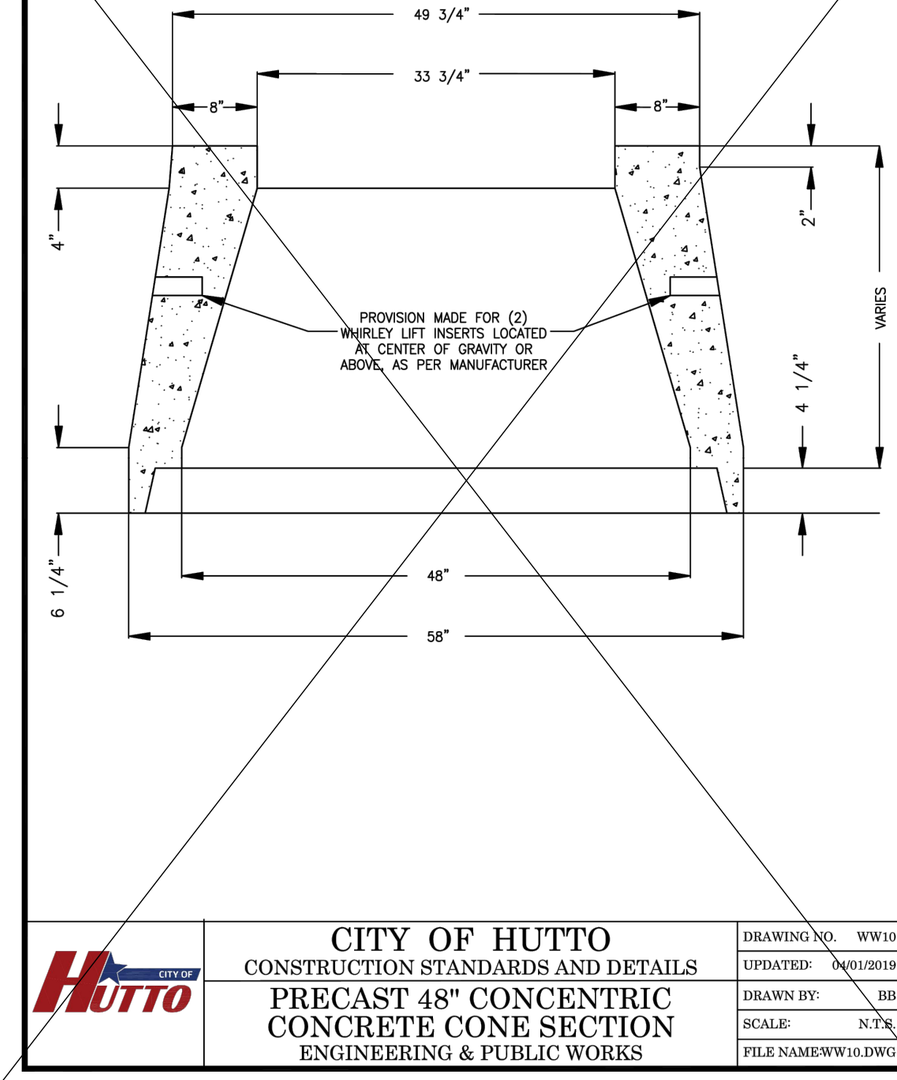
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

CIVIL DETAILS 2

K·FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

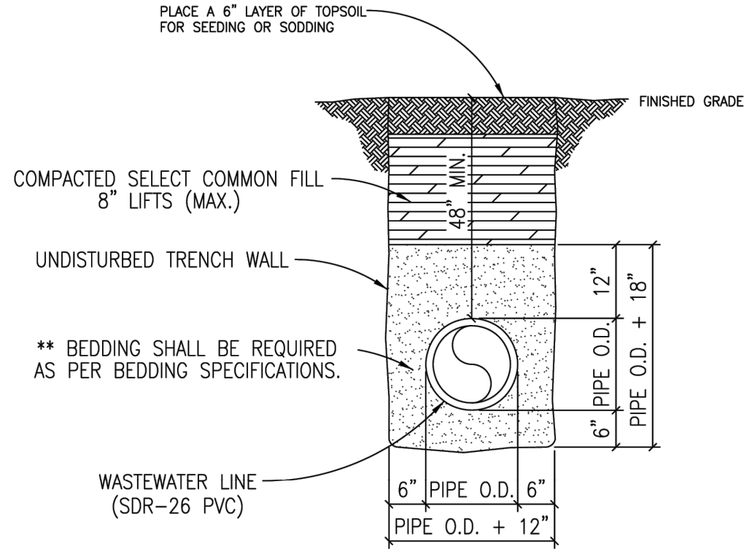
SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C6
SHEET NUMBER	11 OF 65



CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. WW10 UPDATED: 04/01/2019
	PRECAST 48" CONCENTRIC CONCRETE CONE SECTION	DRAWN BY: BB SCALE: N.T.S.
	ENGINEERING & PUBLIC WORKS	FILE NAME:WW10.DWG

DETAIL NO LONGER REQUIRED,
ONSITE MANHOLE WILL BE BY OTHERS

)N



** TYPICAL BEDDING SPECIFICATIONS:

SIEVE SIZE	3/8" F % RETAINED	1/2" D % RETAINED
1/2"	0	0
3/8"	0–2	5–25
4m	40–85	80–100
10m	95–100	96–100

NOTE:
IF GROUND WATER IS PRESENT IN THE TRENCH, THE BEDDING MATERIAL SHOULD BE SURROUNDED BY FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) ON ALL SIDES TO PREVENT SOIL INFILTRATION INTO THE BEDDING MATERIAL.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. WW16 UPDATED: 08/12/2021
	TRENCH & EMBEDMENT UNDER NON-PAVED AREAS	DRAWN BY: BB SCALE: N.T.S.
	ENGINEERING & PUBLIC WORKS	FILE NAME:WW16.DWG

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

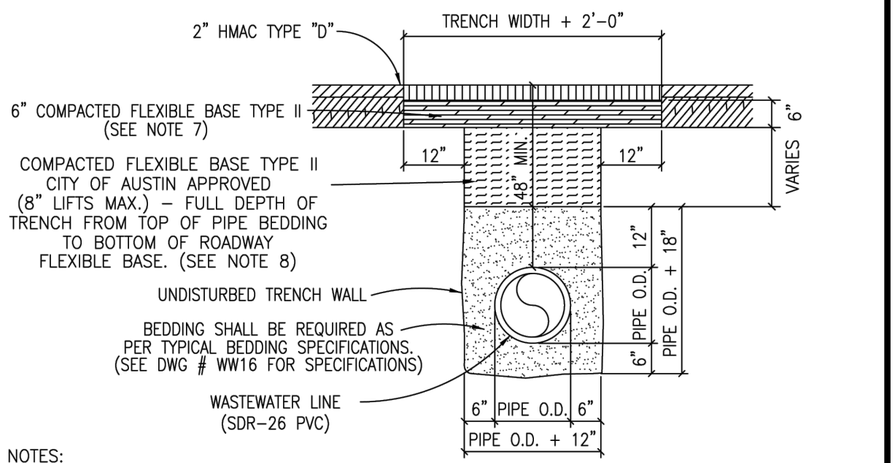
CIVIL DETAILS 3

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C7
SHEET NUMBER	12 OF 65

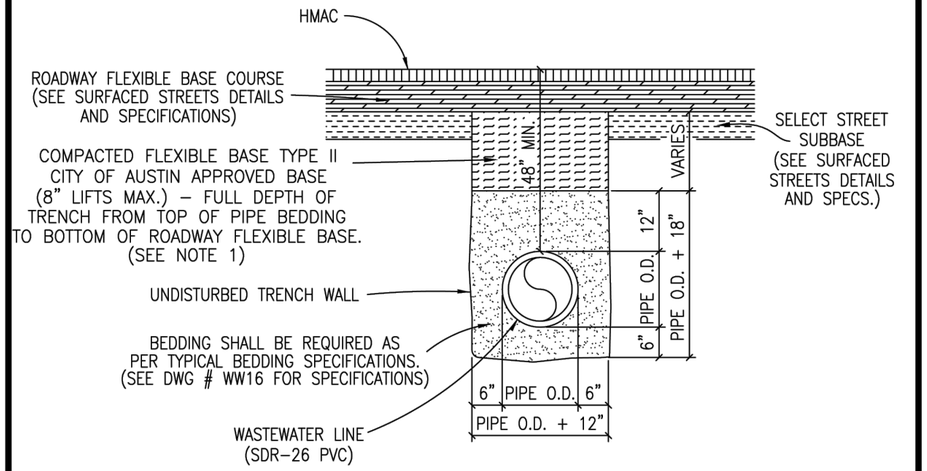
Printed: 1/25/2024 3:55 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT3 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer



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 TWO HUNDRED (200) 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 OF HUTTO.
6. THESE SPECIFICATIONS MAY BE SUPERSEDED BY THE GOVERNING AGENCY.
7. FLEXIBLE BASE TYPE II: (ROADWAY BASE)
   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.
8. FLEXIBLE BASE TYPE II: (TRENCH BACKFILL)
   TXDOT TYPE A - GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 95% 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.
10. IF GROUND WATER IS PRESENT IN THE TRENCH, THE BEDDING MATERIAL SHOULD BE SURROUNDED BY FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) ON ALL SIDES TO PREVENT SOIL INFILTRATION INTO THE BEDDING MATERIAL.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. WW17
		UPDATED: 08/12/2021
	TRENCH AND EMBEDMENT UNDER EXISTING ROAD	DRAWN BY: BB
		SCALE: N.T.S.
	ENGINEERING & PUBLIC WORKS	FILE NAME:WW17.DWG



NOTES:

1. A MINIMUM OF ONE DENSITY TEST SHALL BE TAKEN EVERY TWO HUNDRED (200) FEET FOR EACH EIGHT (8) INCH LIFT OF BASE. 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 OF HUTTO. BACKFILL COMPACTION SHALL BE A MINIMUM OF 95% MAXIMUM DENSITY PER TxDOT 113E SPECIFICATIONS.
2. THESE SPECIFICATIONS MAY BE SUPERSEDED BY THE GOVERNING AGENCY.
3. 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 PRIOR TO USE.
4. IF GROUND WATER IS PRESENT IN THE TRENCH, THE BEDDING MATERIAL SHOULD BE SURROUNDED BY FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) ON ALL SIDES TO PREVENT SOIL INFILTRATION INTO THE BEDDING MATERIAL.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. WW18
		UPDATED: 08/12/2021
	TRENCH AND EMBEDMENT UNDER PROPOSED ROADWAY	DRAWN BY: BB
		SCALE: N.T.S.
	ENGINEERING & PUBLIC WORKS	FILE NAME:WW18.DWG

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

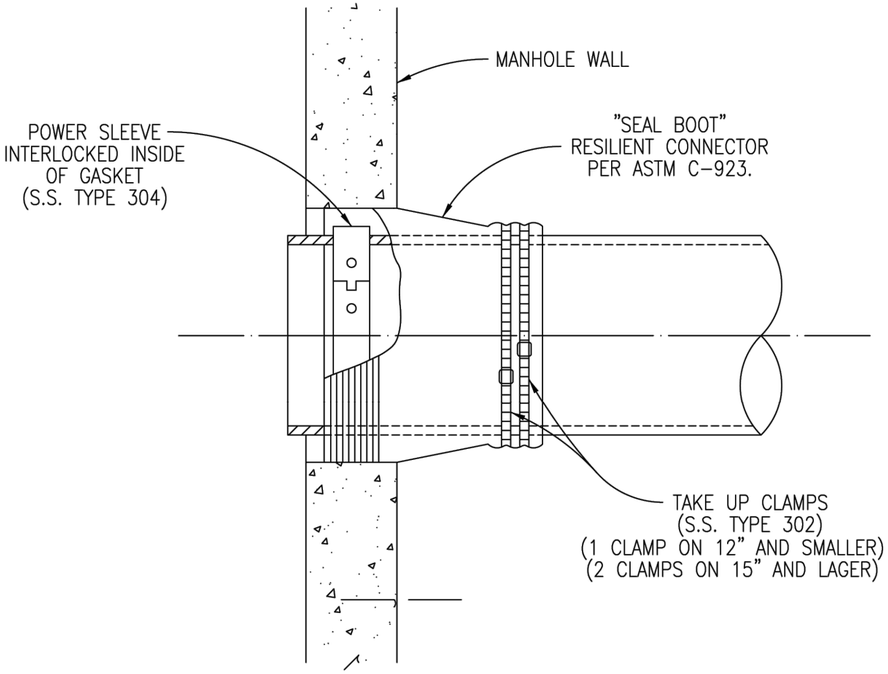
CIVIL DETAILS 4

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

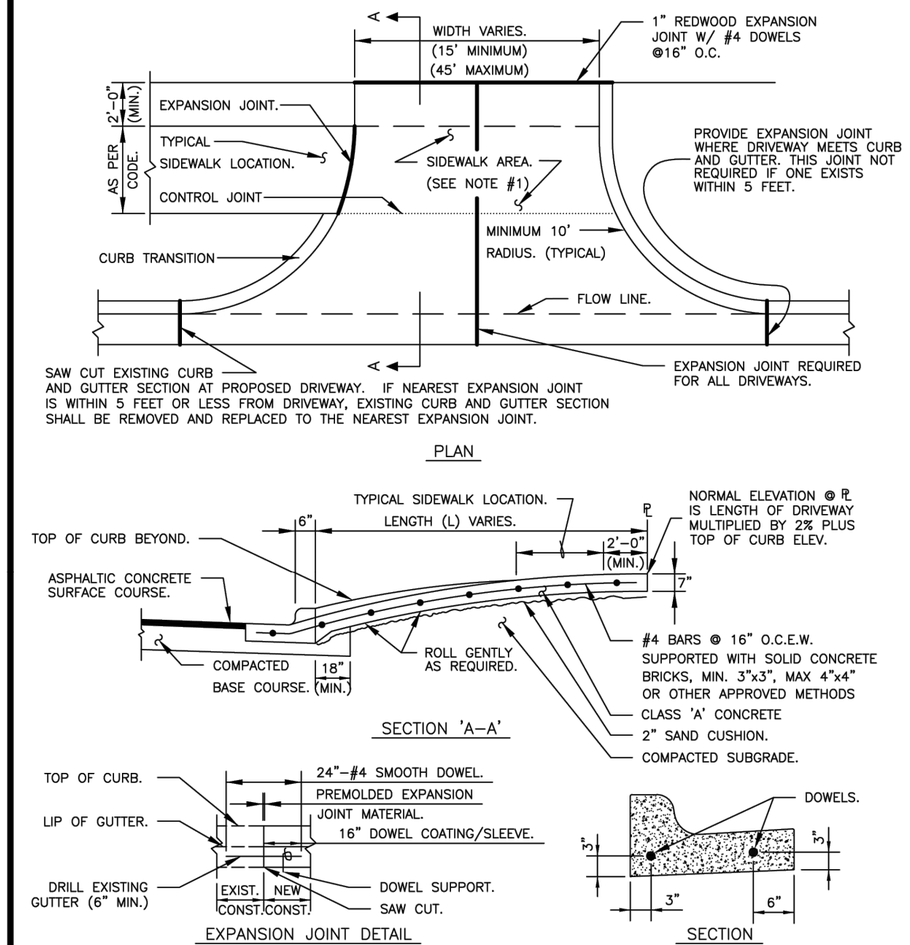
SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C8
SHEET NUMBER	13 OF 65

Printed: 1/25/2024 3:56 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT4 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer



CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. WW22
		UPDATED: 02/01/2019
	FLEXIBLE "SEAL BOOT" CONNECTOR ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME:WW22.DWG

FLEXIBLE "SEAL BOOT" CONNECTOR DETAIL NOTE:
DETAIL USED FOR CONNECTION TO WET WELL



PLAN

SECTION 'A–A'

EXPANSION JOINT DETAIL

SECTION

NOTE:

1. THE SIDEWALK AREA OF THE DRIVEWAY SHALL SLOPE TOWARD THE STREET PAVING AT NO MORE THAN 1.5%.
2. CONTROL JOINT DIMENSIONS PER DETAIL ST04.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. ST03
		UPDATED: 02/01/2019
	COMMERCIAL DRIVEWAY ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME: ST03.DWG

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

CIVIL DETAILS 5

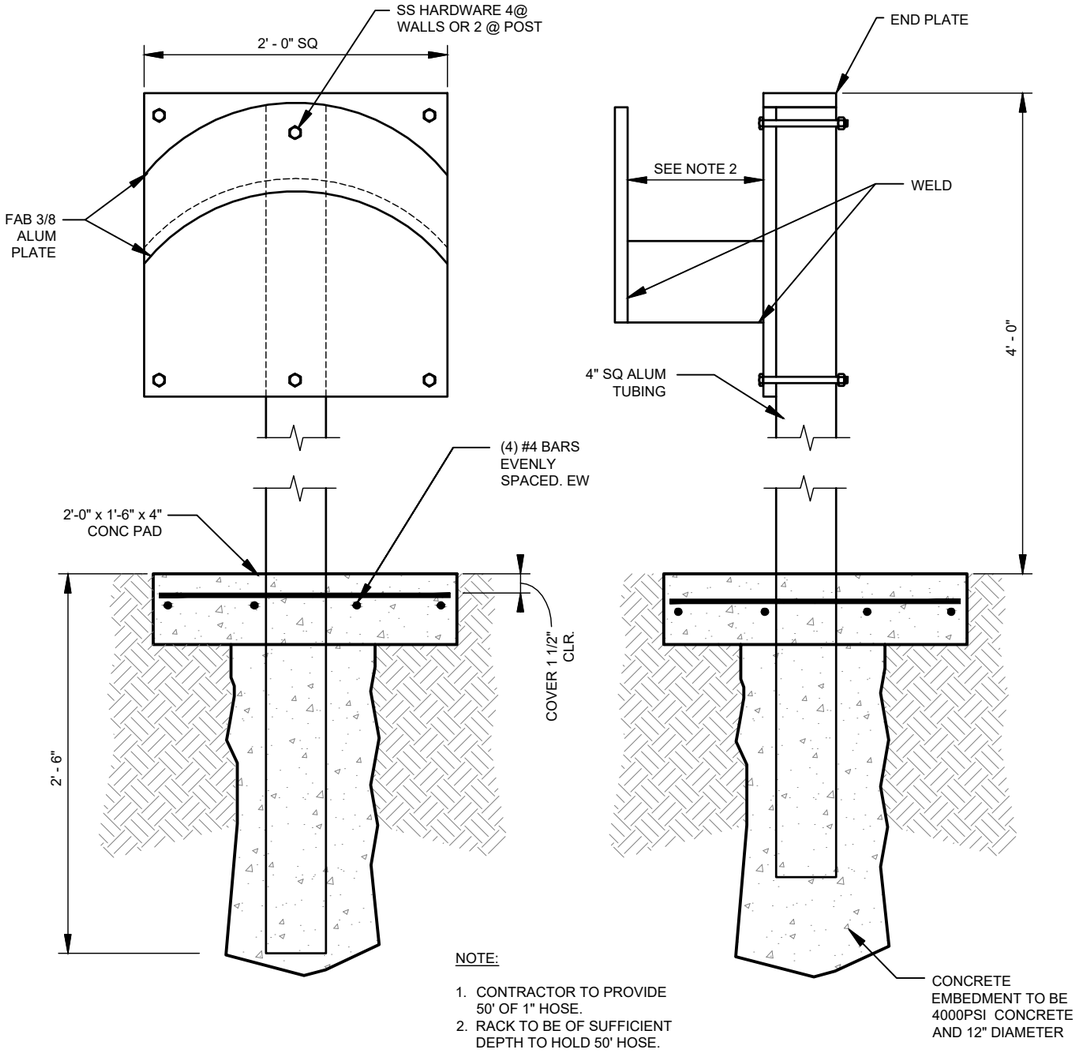
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C9
SHEET NUMBER	14 OF 65

Printed: 1/25/2024 3:56 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT5 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer

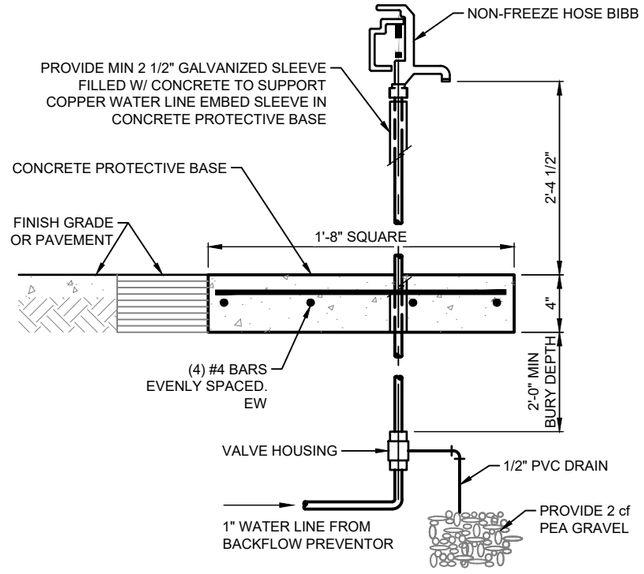
Printed: 1/25/2024 3:56 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT6 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer



NOTE:

1. CONTRACTOR TO PROVIDE 50' OF 1" HOSE.
2. RACK TO BE OF SUFFICIENT DEPTH TO HOLD 50' HOSE.

HOSE RACK



NOTES:

1. ALL YARD HYDRANTS SHALL BE PROVIDED WITH AN ADJACENT HOSE RACK. SEE DETAIL THIS SHEET.
2. LINE DIAMETER TO MATCH PIPE SIZE ON CIVIL SHEETS FOR PIPES/FITTINGS/VALVES.

HOSE BIB TYPE B

YARD HYDRANT AND HOSE BIBB

DETAIL A
NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

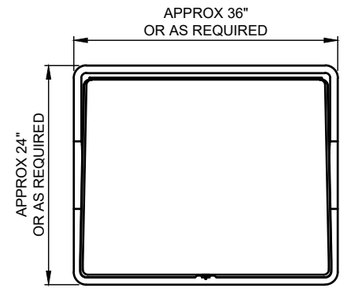
CIVIL DETAILS 6

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

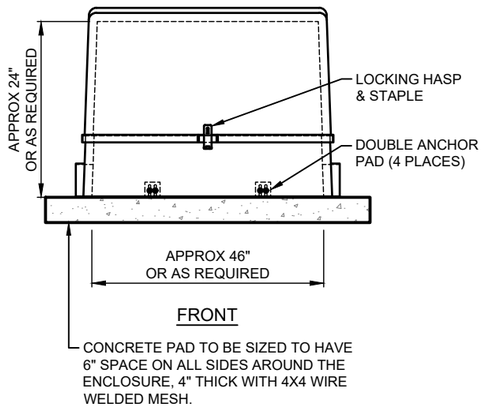
CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C10
SHEET NUMBER	15 OF 65

Printed: 1/25/2024 3:57 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT7 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer



TOP



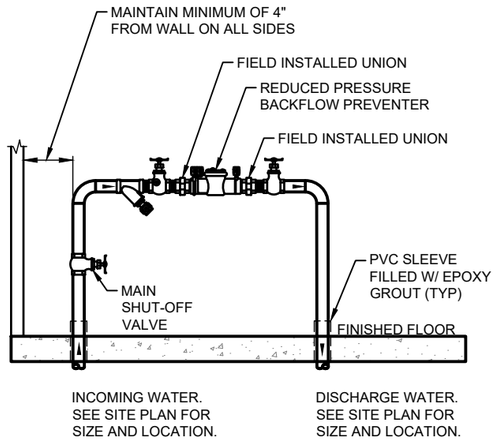
FRONT

CONCRETE PAD TO BE SIZED TO HAVE 6" SPACE ON ALL SIDES AROUND THE ENCLOSURE, 4" THICK WITH 4X4 WIRE WELDED MESH.

FIBERGLASS ENCLOSURE

NOTES:

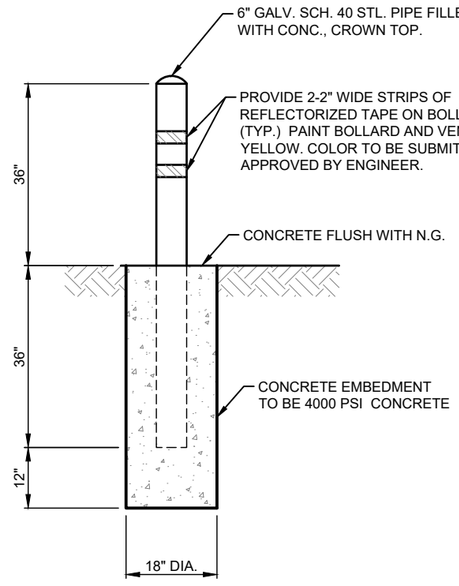
1. ENCLOSURE TO BE FIBERGLASS REINFORCED PLASTIC (FRP) WITH A SWING TOP LID AND LOCKABLE. ENCLOSURE TO BE MOUNTED TO CONCRETE PAD PER MANUFACTURER.
2. FRP ENCLOSURE TO BE SIZED PER MINIMUM SPACING REQUIREMENT REQUIRED FOR BACKFLOW PREVENTOR.
3. BACKFLOW PREVENTOR SELECTION TO COORDINATED WITH CITY OF HUTTO PERSONNEL.
4. ENCLOSURE TO BE HUBBEL BRND HOTBOX ENCLOSURE, MODEL HF13039028. HEATED WITH 90 WATT 120V SINGLE PHASE HEAT TRACE TAPE.
5. LINE DIAMETER TO MATCH PIPE SIZE ON CIVIL SHEETS FOR PIPES/FITTINGS/VALVES.



REDUCED PRESSURE
BACKFLOW PREVENTER

2" BACKFLOW PREVENTOR AND ENCLOSURE

DETAIL B
NTS -



BOLLARD

DETAIL C
NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

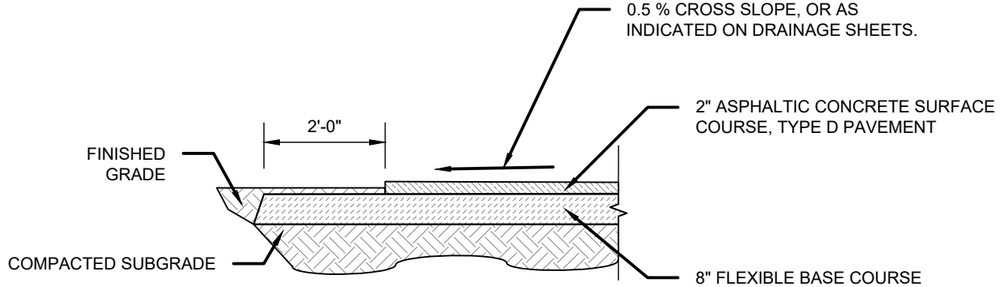
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

CIVIL DETAILS 7

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C11
SHEET NUMBER	16 OF 65



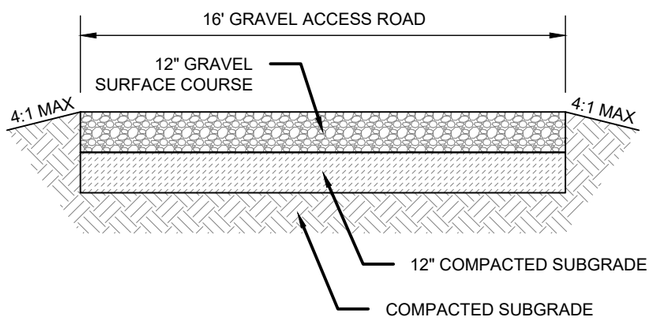
PROPOSED ASPHALT PAVEMENT

DETAIL D

NTS -

PAVING AND SURFACING NOTES:

1. ASPHALTIC CONCRETE PAVEMENT: ASPHALTIC CONCRETE PAVING MATERIALS, PLACEMENT, AND TESTING SHALL CONFORM TO SPECIFICATIONS.
2. FLEXIBLE BASE COURSE: THE FLEXIBLE BASE COURSE SHOULD BE CRUSHED LIMESTONE CONFORMING TO TXDOT STANDARD SPECIFICATIONS, ITEM 247, TYPE A, GRADE 1 2. BASE COURSE SHOULD BE PLACED IN LIFTS WITH A MAXIMUM THICKNESS OF 6".
3. COMPACTED SUBGRADE: SCARIFY AND COMPACT THE SUBGRADE BELOW ASPHALTIC CONCRETE PAVEMENT AND FLEXIBLE BASE COURSE TO A DEPTH OF 6". REFER TO THE SPECIFICATIONS FOR COMPACTION REQUIREMENTS.



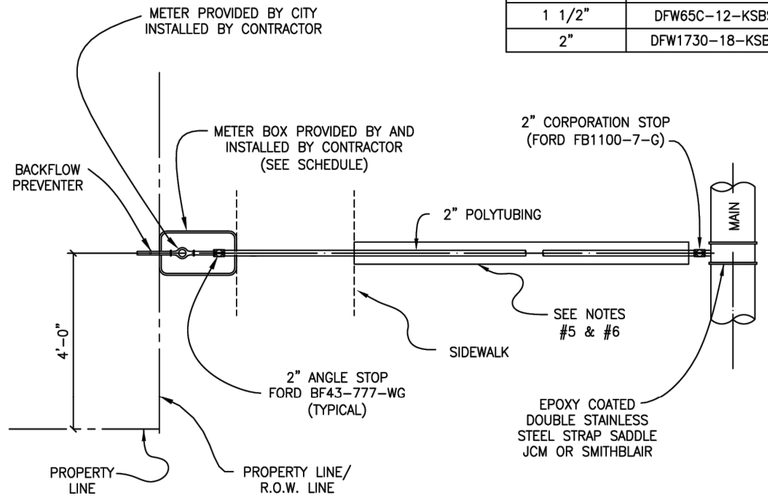
GRAVEL ACCESS ROAD

DETAIL E

NTS -

SEE NOTE

METER BOX SCHEDULE	
METER SIZE	METER BOX*
5/8"	DFW36C–KSBSM
3/4"	DFW36C–KSBSM
1"	DFW37C–KSBSM
1 1/2"	DFW65C–12–KSBSM
2"	DFW1730–18–KSBSM



NOTES:

1. ANGLE STOPS SHALL BE SIZED TO MATCH SERVICE AND METER SIZE
2. 1" ANGLE STOPS WITH ¾" VALVES SHALL NOT BE PERMITTED
3. MULTIPLE SERVICE/METER INSTALLATIONS OR MORE THAN FOUR METERS PER SERVICE AND SERVICE LINES LARGER THAN 2" IN DIAMETER SHALL BE HANDLED ON AN INDIVIDUAL BASIS
4. 2" ANGLE STOPS SHALL BE PROVIDED WITH BOTH A LOCKING CAP AND METER FLANGE
5. BEDDING MATERIAL PER CONSTRUCTION SPECIFICATIONS
6. CASING REQUIREMENTS FOR SERVICE LINES CROSSING ROADWAYS SEE DETAIL W26
7. ANY VARIATIONS ON FITTING MUST BE APPROVED BY THE CITY ENGINEER
8. ALL SERVICE LINES SHALL BE PLACE PERPENDICULAR TO ROADWAY
9. NON–RESIDENTIAL SERVICE LINES MUST HAVE A BACKFLOW PREVENTER AT THE PROPERTY LINE ON PRIVATE PROPERTY.

CITY OF HUTTO

CONSTRUCTION STANDARDS AND DETAILS

COMMERCIAL WATER SERVICE

ENGINEERING & PUBLIC WORKS

DRAWING NO.	W23
UPDATED:	04/01/2019
DRAWN BY:	BB
SCALE:	N.T.S.
FILE NAME:	W23.DWG

COMMERCIAL WATER SERVICE DETAIL NOTE:

CITY OF HUTTO COMMERCIAL WATER SERVICE DETAIL TO BE FOLLOWED BY THE CONTRACTOR WITH THE EXCEPTION OF THE BACKFLOW PREVENTER. SEE DETAIL B ON SHEET C11 FOR BACKFLOW PREVENTER REQUIREMENTS.

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY., II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

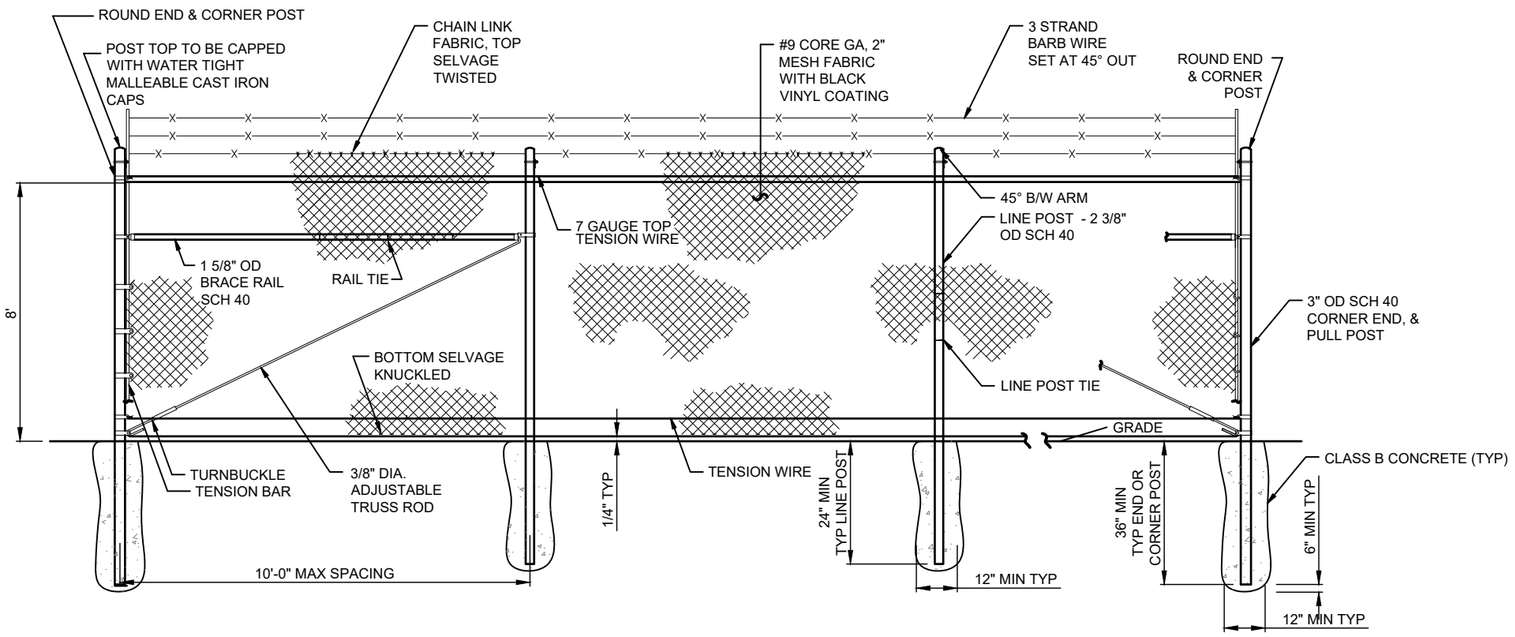
CIVIL DETAILS 8

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

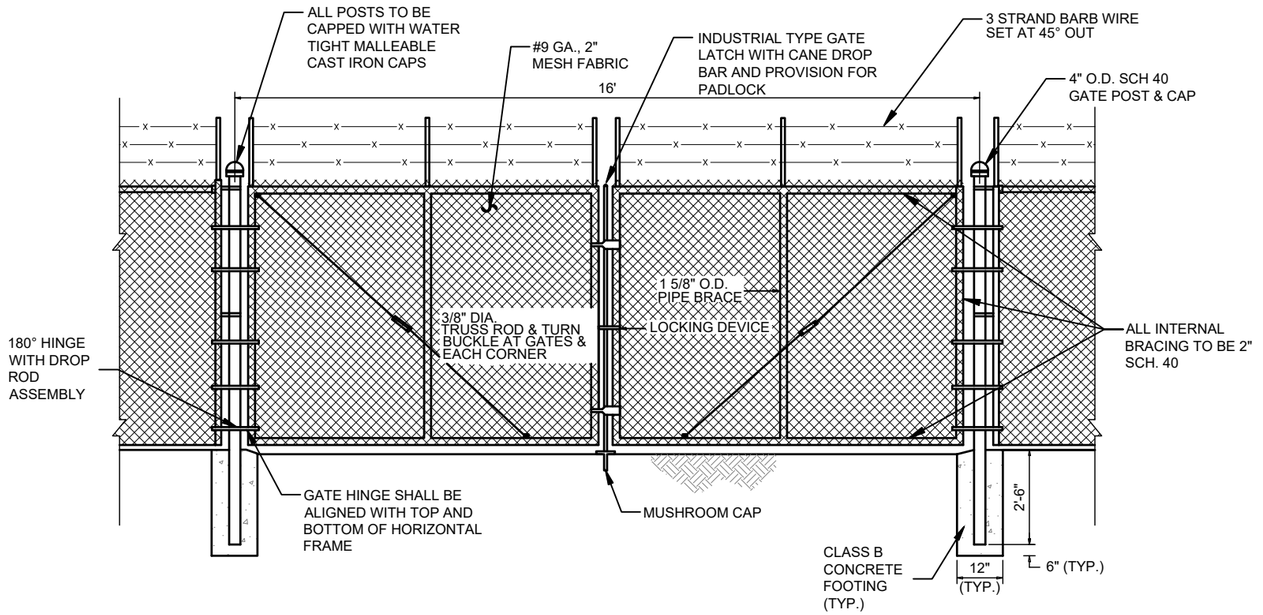
SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C12
SHEET NUMBER	17 OF 65

Printed: 1/25/2024 3:57 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT8 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer



8' HIGH CHAIN LINK FENCE

DETAIL F
NTS -



SWING GATE

DETAIL G
NTS -

REVISION DESCRIPTION | DATE | BY | REV. NO.

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

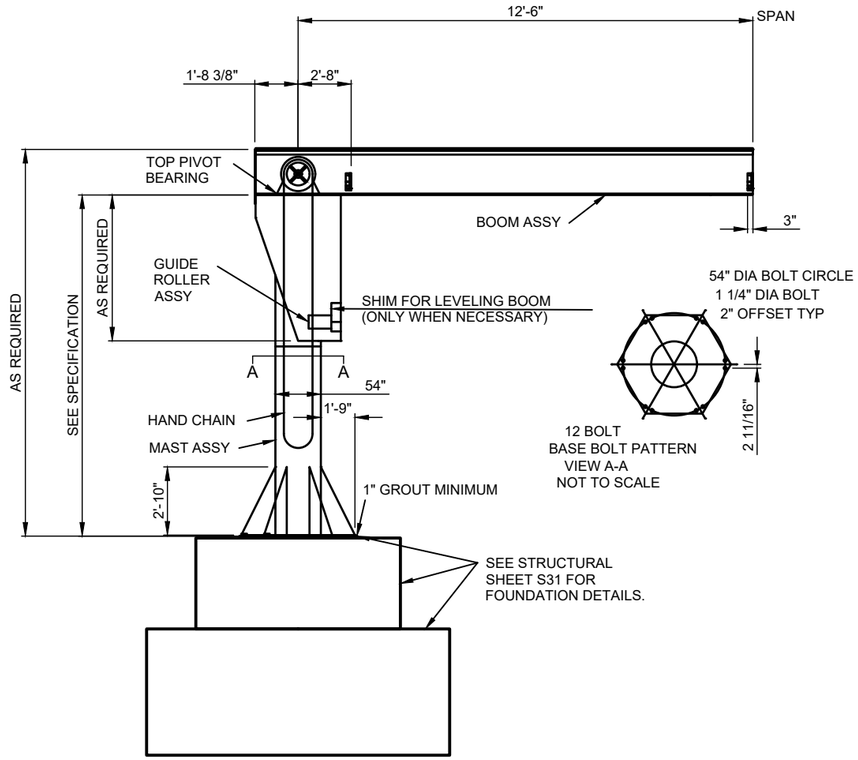
CIVIL DETAILS 9

K·FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911
CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C13
SHEET NUMBER	18 OF 65

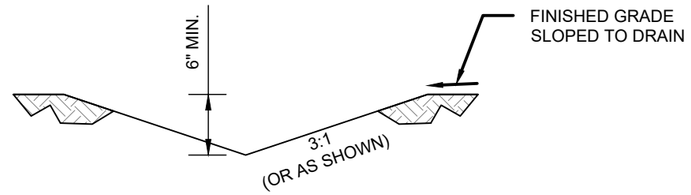
Printed: 1/25/2024 3:57 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT9 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer



1. DO NOT SCALE FROM THIS DRAWING.
2. JIB CRANE TO BE HAND CHAIN OPERATED WITH GEARED ROTATION OF BOOM
3. JIB CRANE TO BE EQUIPPED WITH A 360 ELECTRICAL COLLECTOR FOR THE HOIST POWER.
4. DIMENSIONS AND SHAPE SHOWN HERE FOR REFERENCE ONLY, REFER TO MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATION 11202 "JIB CRANE AND ELECTRICAL HOIST" FOR REQUIREMENTS.

JIB CRANE

DETAIL G
NTS -



TYPICAL SWALE

DETAIL H
NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

CIVIL DETAILS 10

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C14
SHEET NUMBER	19 OF 65

Printed: 1/25/2024 3:58 PM User: Joseph Brauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-GN-DETL Layout: LAYOUT10 Saved: 1/24/2024 1:23 PM Last Saved By: jbauer

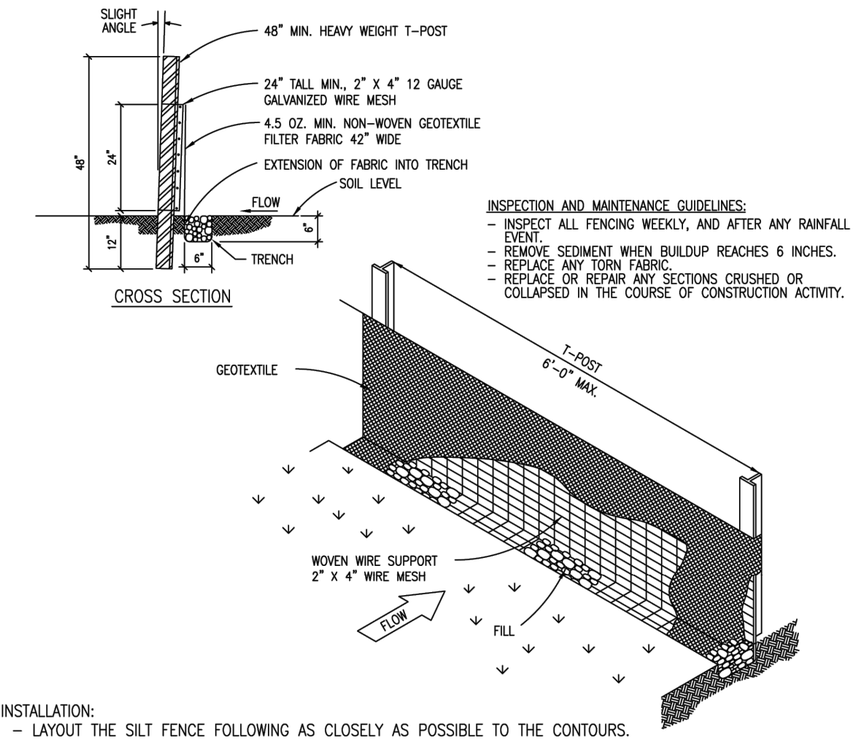
GUIDELINES FOR DESIGN AND INSTALLATION OF TEMPORARY EROSION AND SEDIMENTATION CONTROLS

TYPE OF STRUCTURE	TYPE OF STRUCTURE	TYPE OF STRUCTURE	TYPE OF STRUCTURE
SILT FENCE	N/A 200 FEET 100 FEET 50 FEET	2 ACRES 2 ACRES 1 ACRE 1/2 ACRE	0 – 10% 10% – 20% 20% – 30% > 30%
TRIANGLE FILTER DIKE	100 FEET 50 FEET	1/2 ACRE 1/4 ACRE	< 30% > 30%
ROCK BERM *, **	500 FEET	< 5 ACRES	0 – 10%

* FOR ROCK BERM DESIGN, WHERE PARAMETERS ARE OTHER THAN STATED, DRAINAGE AREA CALCULATION AND ROCK BERM DESIGN MUST BE SUBMITTED FOR REVIEW.

** HIGH SERVICE ROCK BERMS MAY BE REQUIRED IN AREAS OF ENVIRONMENTAL SIGNIFICANCE AS DETERMINED BY THE CITY OF HUTTO.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. ESC01
		UPDATED: 02/01/2019
	TEMPORARY EROSION AND SEDIMENTATION CONTROL ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME: ESC01.DWG



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 CRUSHED OR COLLAPSED IN THE COURSE OF CONSTRUCTION ACTIVITY.

INSTALLATION:
- LAYOUT THE SILT FENCE FOLLOWING AS CLOSELY AS POSSIBLE TO THE CONTOURS.
- CLEAR THE GROUND OF DEBRIS, ROCKS AND/OR PLANTS (INCLUDING GRASSES TALLER THAN 2") TO PROVIDE A SMOOTH FLOW APPROACH SURFACE.
- EXCAVATE 6" DEEP BY 6" WIDE TRENCH ON UPSTREAM SIDE OF FACE PER PLANS.
- DRIVE THE HEAVY DUTY T–POST AT LEAST 12 INCHES (12") 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 SIX TIMES WITH HOG RINGS.
- THE SILT FENCE TO BE INSTALLED WITH A SKIRT MINIMUM OF 6" WIDE, PLACED ON THE UPHILL SIDE OF THE FENCE INSIDE THE EXCAVATED TRENCH. THE FABRIC TO OVERLAP THE TOP OF THE WIRE BY ON INCH (1").
- ANCHOR THE SILT FENCE BY BACKFILLING WITH EXCAVATED DIRT AND ROCKS (NOT LARGER THAN 2").
- GEOTEXTILE SPLICES, MINIMUM 18" WIDE, SHOULD BE ATTACHED IN A LEAST SIX 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.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. ESC02
		UPDATED: 02/01/2019
	SILT FENCE ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME: ESC02.DWG

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

TEMPORARY EROSION AND SEDIMENTATION CONTROL 1

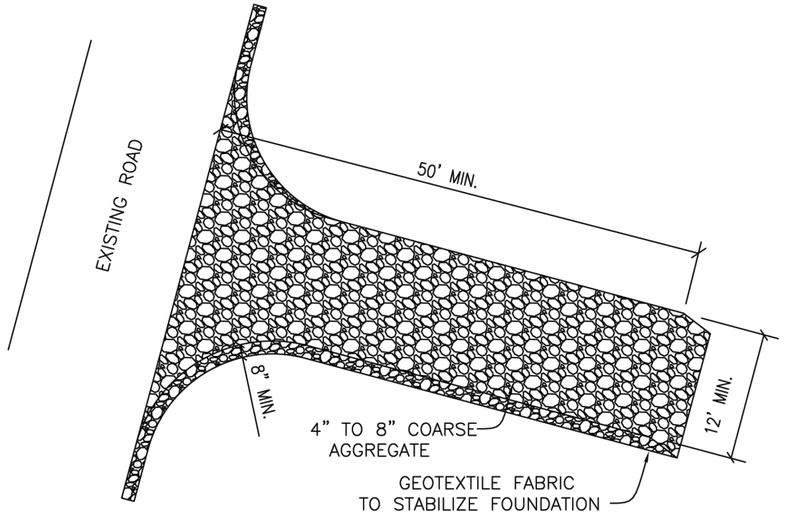
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

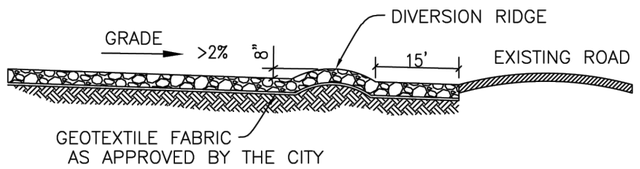
CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C15
SHEET NUMBER	20 OF 65

Printed: 1/25/2024 3:58 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-EV-DETL Layout: LAYOUT1 Saved: 1/5/2024 12:39 PM Last Saved By: jbauer

Printed: 1/25/2024 3:59 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-C-EV-DETL Layout: LAYOUT2 Saved: 1/5/2024 12:39 PM Last Saved By: jbauer



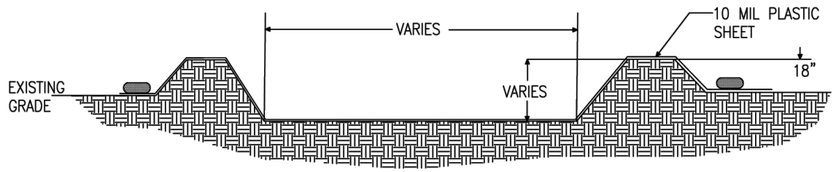


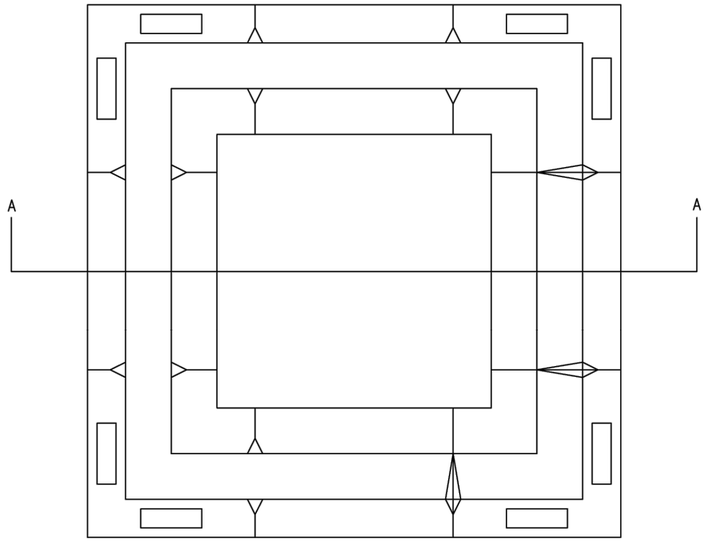
INSTALLATION:
- CLEAR THE AREA OF DEBRIS, ROCKS OR PLANTS THAT WILL INTERFERE WITH INSTALLATION.
- GRADE THE AREA FOR THE ENTRANCE TO FLOW BACK ON TO THE CONSTRUCTION SITE. RUNOFF FROM THE STABILIZED CONSTRUCTION.
- PLACE GEOTEXTILE FABRIC AS APPROVED BY THE CITY.
- PLACE ROCK AS APPROVED BY THE CITY.

INSPECTIONS AND MAINTENANCE GUIDELINES:
- THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-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 ONTO PUBLIC RIGHT-OF-WAY SHOULD BE REMOVED IMMEDIATELY BY CONTRACTOR.
- WHEN NECESSARY, WHEELS SHOULD BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS.
- 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.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. ESC06
		UPDATED: 02/01/2019
	STABILIZED CONSTRUCTION ENTRANCE ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME: ESC06.DWG

CROSS SECTION A-A





NOTES:
1. SET LENGTH AND WIDTH AS NECESSARY TO PROVIDE ADEQUATE SPACE FOR WASHOUT ACTIVITIES.
2. IF RESTRICTED BY DEPTH DUE TO BELOW GRADE APPURTENANCES, PLACE EARTHEN BERMS AT GRADE.
3. USE EXCAVATED MATERIAL TO CREATE EARTHEN BERMS SURROUNDING THE AREA TO BE DESIGNATED AS A CONCRETE WASHOUT.
4. PLACE 10MIL OR GREATER PLASTIC SHEETING.
5. SECURE SHEETING ON OUTSIDE OF BERM AREA USING SAND BAGS OR ROCK EQUIVALENT.

CITY OF HUTTO	CITY OF HUTTO CONSTRUCTION STANDARDS AND DETAILS	DRAWING NO. ESC09
		UPDATED: 02/01/2019
	CONCRETE WASHOUT ENGINEERING & PUBLIC WORKS	DRAWN BY: BB
		SCALE: N.T.S.
		FILE NAME: ESC09.DWG

REV. NO.	BY	DATE	REVISION DESCRIPTION

ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

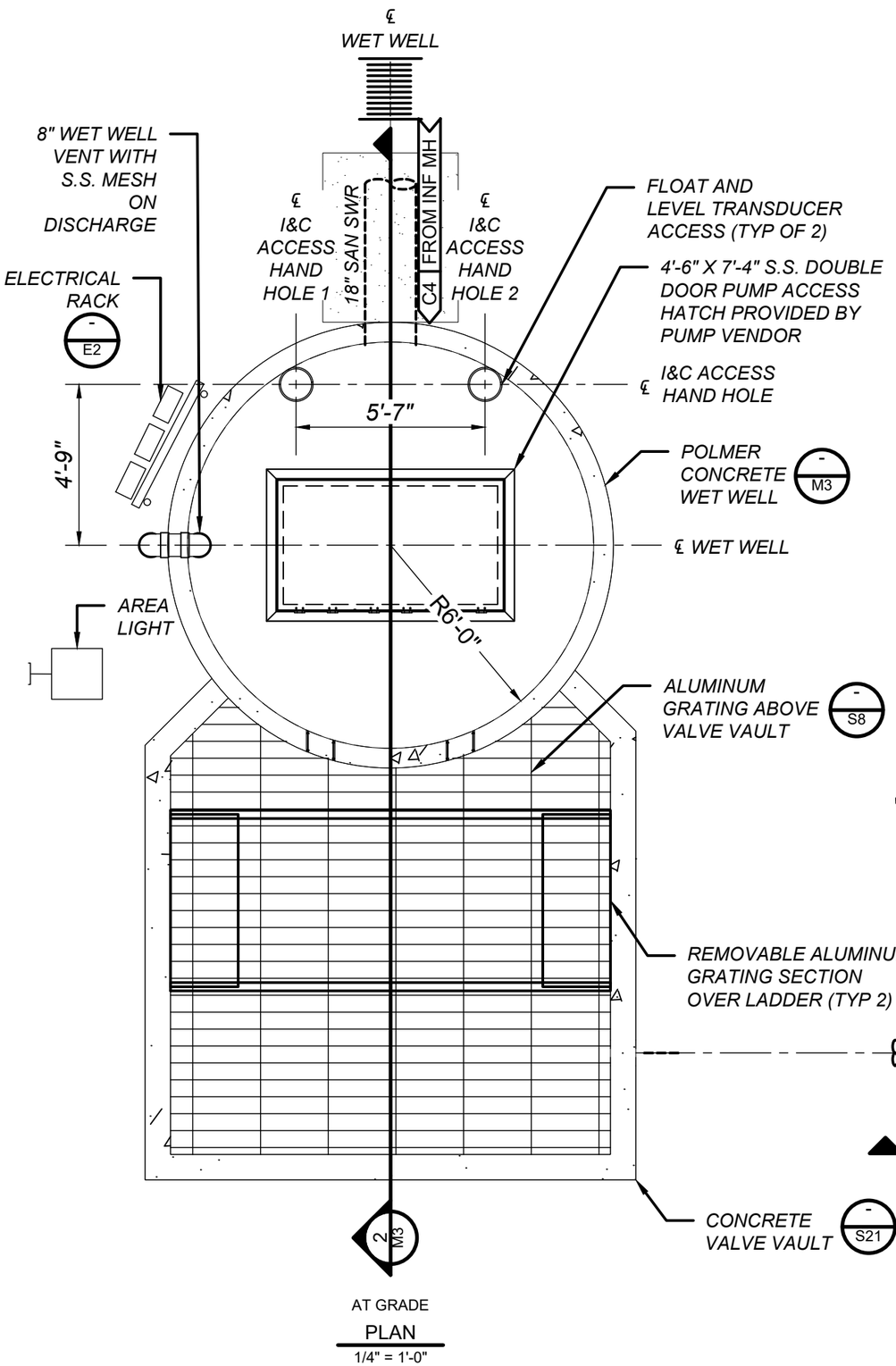
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

TEMPORARY EROSION AND SEDIMENTATION CONTROL 2

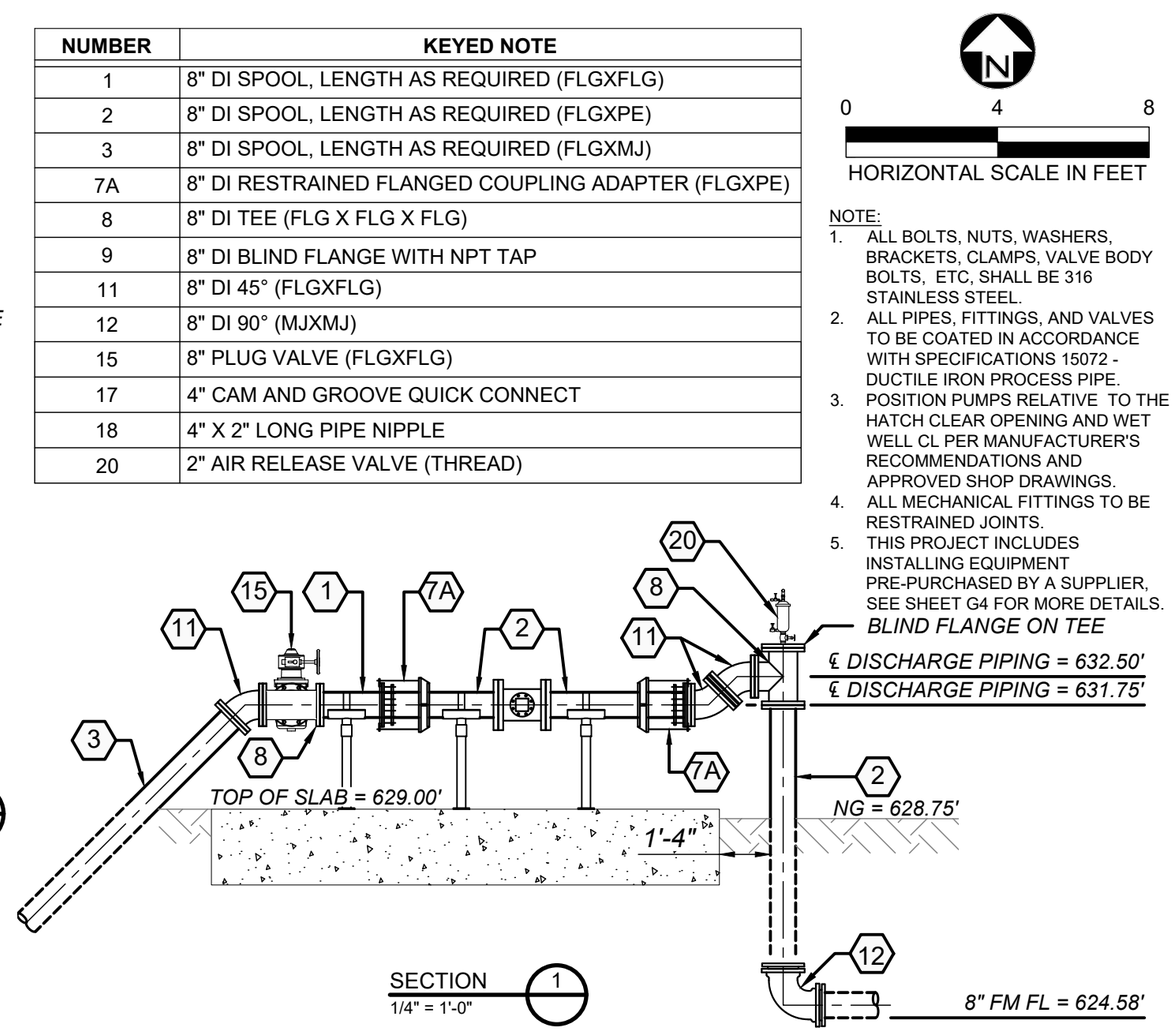
K·FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

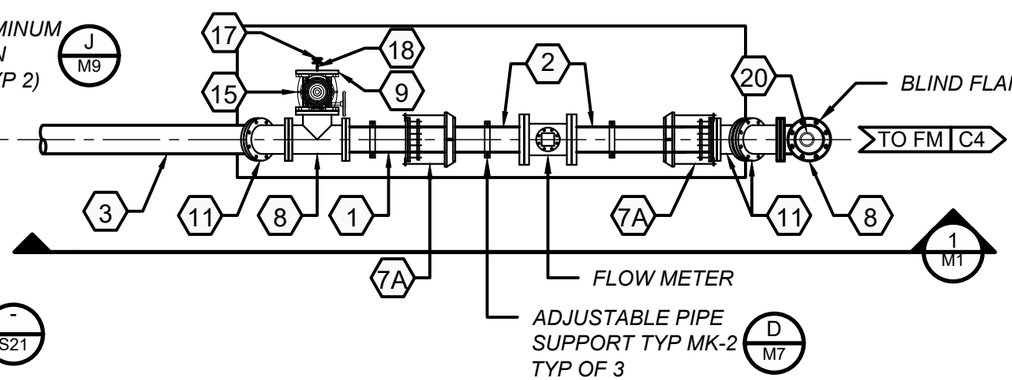
SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	C16
SHEET NUMBER	21 OF 65

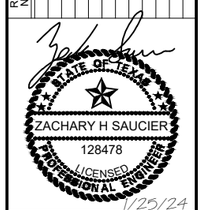


NUMBER	KEYED NOTE
1	8" DI SPOOL, LENGTH AS REQUIRED (FLGXFLG)
2	8" DI SPOOL, LENGTH AS REQUIRED (FLGXPE)
3	8" DI SPOOL, LENGTH AS REQUIRED (FLGXMJ)
7A	8" DI RESTRAINED FLANGED COUPLING ADAPTER (FLGXPE)
8	8" DI TEE (FLG X FLG X FLG)
9	8" DI BLIND FLANGE WITH NPT TAP
11	8" DI 45° (FLGXFLG)
12	8" DI 90° (MJXMJ)
15	8" PLUG VALVE (FLGXFLG)
17	4" CAM AND GROOVE QUICK CONNECT
18	4" X 2" LONG PIPE NIPPLE
20	2" AIR RELEASE VALVE (THREAD)



SECTION 1
1/4" = 1'-0"





NOTE:
1. ALL BOLTS, NUTS, WASHERS, BRACKETS, CLAMPS, VALVE BODY BOLTS, ETC, SHALL BE 316 STAINLESS STEEL.
2. ALL PIPES, FITTINGS, AND VALVES TO BE COATED IN ACCORDANCE WITH SPECIFICATIONS 15072 - DUCTILE IRON PROCESS PIPE.
3. POSITION PUMPS RELATIVE TO THE HATCH CLEAR OPENING AND WET WELL CL PER MANUFACTURER'S RECOMMENDATIONS AND APPROVED SHOP DRAWINGS.
4. ALL MECHANICAL FITTINGS TO BE RESTRAINED JOINTS.
5. THIS PROJECT INCLUDES INSTALLING EQUIPMENT PRE-PURCHASED BY A SUPPLIER, SEE SHEET G4 FOR MORE DETAILS.

0 4 8
HORIZONTAL SCALE IN FEET

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

MECHANICAL PLAN VIEWS AT GRADE

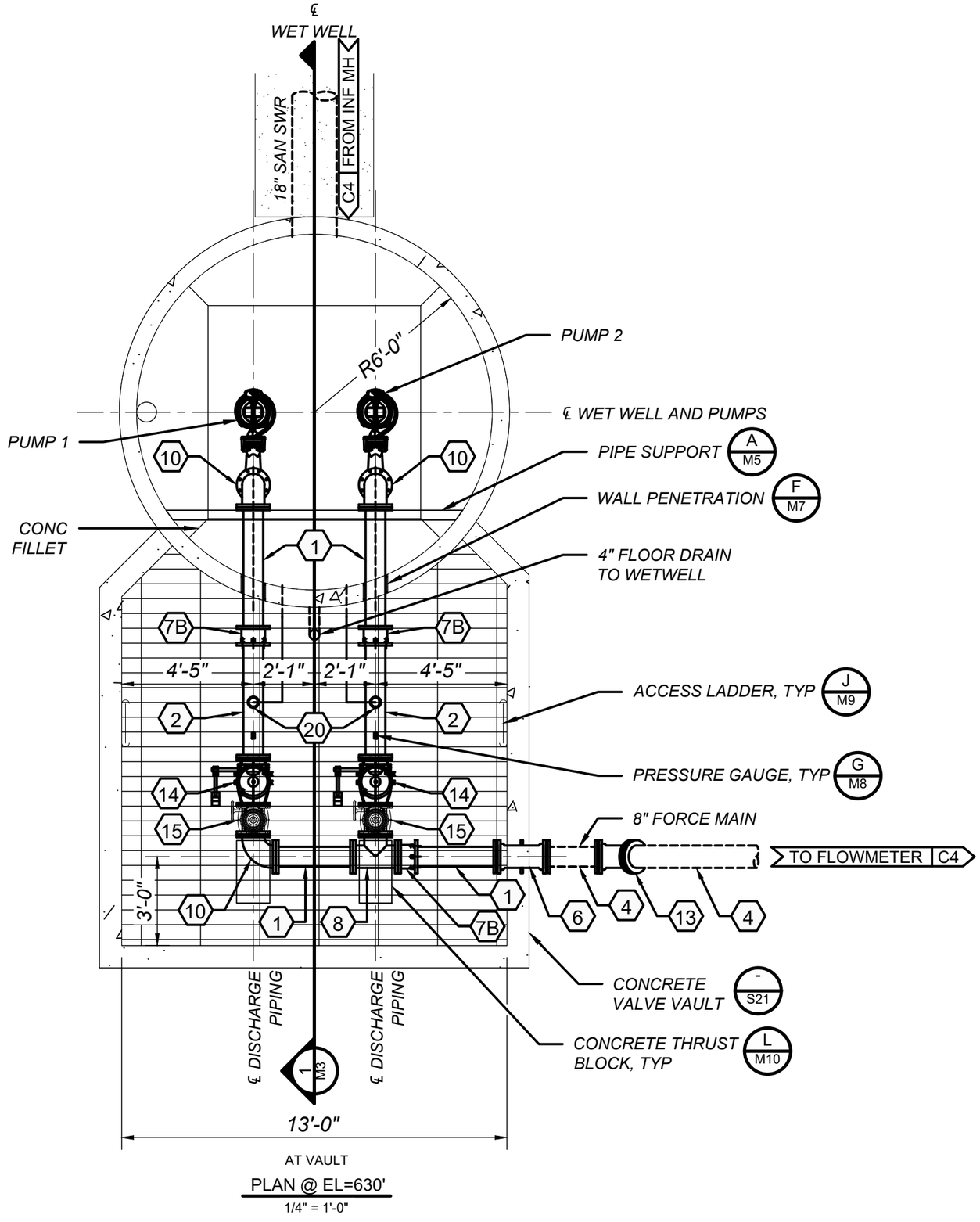
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	1" = 4'-0"
DATE	January 25, 2024
DRAWING NO.	M1
SHEET NUMBER	22 OF 65

Printed: 1/25/2024 4:00 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-WA-PLAN-LS Layout: PLAN AT GRADE Saved: 1/24/2024 2:33 PM Last Saved By: jbauer

Printed: 1/25/2024 4:00 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-WA-PLAN-LS Layout: PLAN AT VAULT Saved: 1/24/2024 2:33 PM Last Saved By: jbauer



AT VAULT

PLAN @ EL=630'

1/4" = 1'-0"

HORIZONTAL SCALE IN FEET

NOTE:

1. ALL BOLTS, NUTS, WASHERS, BRACKETS, CLAMPS, AND VALVE BODY BOLTS INSIDE THE WET WELL OR VALVE VAULT, SHALL BE 316 STAINLESS STEEL.
2. ALL PIPES, FITTINGS, AND VALVES TO BE COATED IN ACCORDANCE WITH THE SPECIFICATIONS.
3. POSITION PUMPS RELATIVE TO THE HATCH CLEAR OPENING AND WET WELL CL PER MANUFACTURER'S RECOMMENDATIONS AND APPROVED SHOP DRAWINGS.
4. ALL MECHANICAL FITTINGS TO BE RESTRAINED JOINTS.
5. THIS PROJECT INCLUDES INSTALLING EQUIPMENT PRE-PURCHASED BY A SUPPLIER, SEE SHEET G4 FOR MORE DETAILS.

NUMBER	KEYED NOTE
1	8" DI SPOOL, LENGTH AS REQUIRED (FLGXFLG)
2	8" DI SPOOL, LENGTH AS REQUIRED (FLGXPE)
4	8" DI SPOOL, LENGTH AS REQUIRED (MJXMJ)
6	8" DI WALL PIPE WITH THRUST FLANGE (FLGXMJ)
7B	8" DI FLANGED COUPLING ADAPTER (FLGXPE)
8	8" DI TEE (FLG X FLG X FLG)
10	8" DI 90° (FLGXFLG)
13	8" DI 45° (MJXMJ)
14	8" SWING CHECK VALVE (FLGXFLG)
15	8" PLUG VALVE (FLGXFLG)
20	2" AIR RELEASE VALVE (THREAD)

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

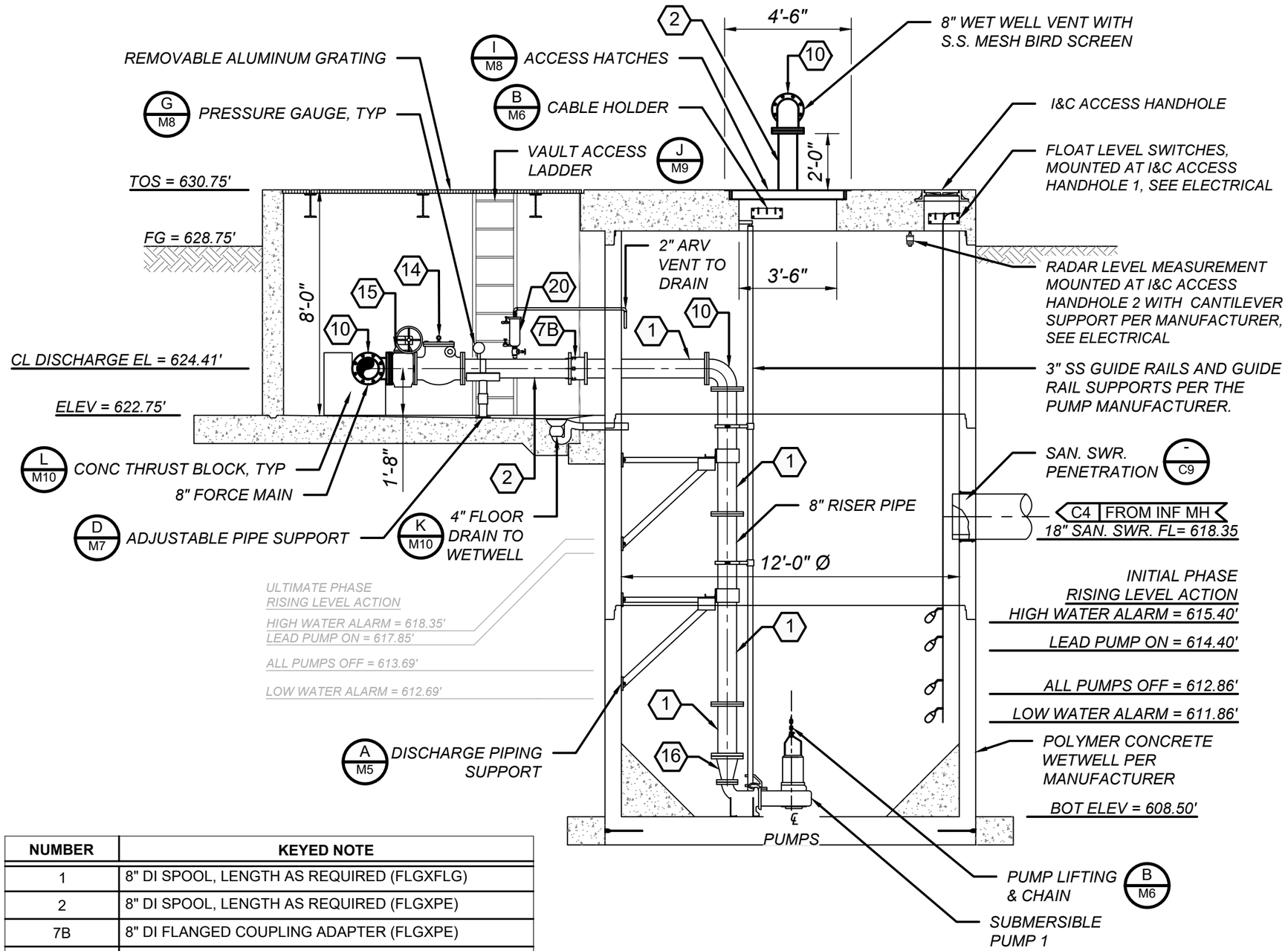
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

MECHANICAL PLAN VIEW AT VAULT

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	1" = 4'-0"
DATE	January 25, 2024
DRAWING NO.	M2
SHEET NUMBER	23 OF 65



NUMBER	KEYED NOTE
1	8" DI SPOOL, LENGTH AS REQUIRED (FLGXFLG)
2	8" DI SPOOL, LENGTH AS REQUIRED (FLGXPE)
7B	8" DI FLANGED COUPLING ADAPTER (FLGXPE)
10	8" DI 90° (FLGXFLG)
14	8" SWING CHECK VALVE (FLGXFLG)
15	8" PLUG VALVE (FLGXFLG)
16	8" X 4" REDUCER (FLGXFLG)*
20	2" AIR RELEASE VALVE (THREAD)
* OR AS REQUIRED BY THE PUMP MANUFACTURER	

SECTION 2
1/4" = 1'-0"

0 4 8
HORIZONTAL SCALE IN FEET

NOTE:

1. ALL PIPE PENETRATIONS IN WALLS TO FOLLOW DETAIL F ON SHEET M7.
2. THIS PROJECT INCLUDES INSTALLING EQUIPMENT PRE-PURCHASED BY A SUPPLIER, SEE SHEET G4 FOR MORE DETAILS.

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

MECHANICAL SECTION

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

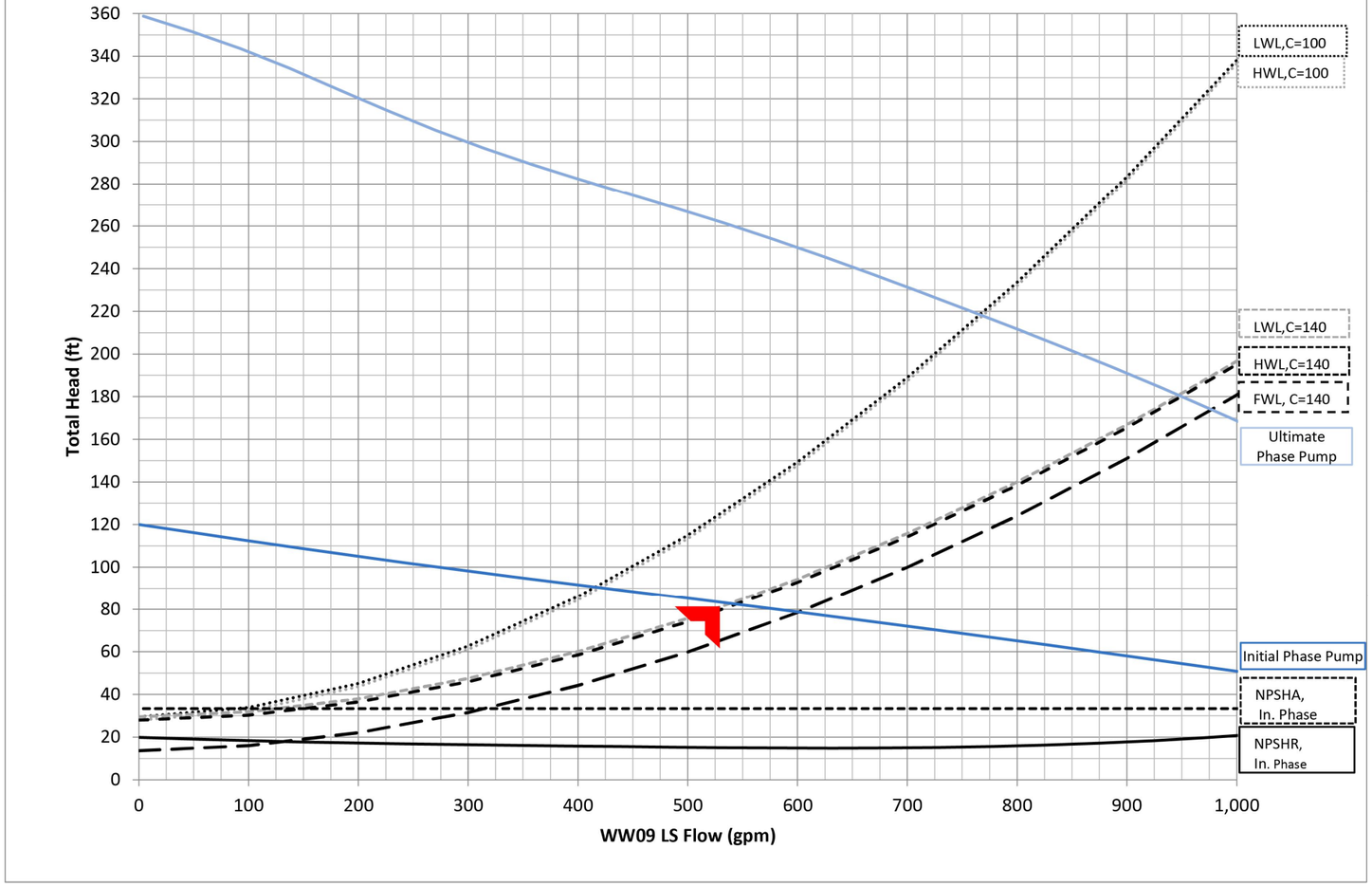
CITY OF HUTTO

SCALE	1" = 4'-0"
DATE	January 25, 2024
DRAWING NO.	M3
SHEET NUMBER	24 OF 65

Printed: 1/25/2024 4:00 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-WA-PLAN-LS Layout: SECTION Saved: 1/24/2024 2:33 PM Last Saved By: jbauer

Printed: 1/25/2024 4:01 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW09-LIFT_STATION\0900-M-WA-PLAN-LS Layout: CURVE & DATA Saved: 1/24/2024 2:33 PM Last Saved By: jbauer

NE Loop Lift Station
Proposed System and Pump Curves



PUMP DATA

PUMP CHARACTERISTICS	PUMP NO. 1	PUMP NO. 2
MOTOR DATA NOMINAL SIZE (HP) MAX SPEED (RPM)	20 (HP) 1755 (RPM)	20 (HP) 1755 (RPM)
SOLIDS PASSAGE MIN SPHERE (IN)	3"	3"
CAPACITY (GPM) DESIGN RUNOUT	521 734	521 734
DISCHARGE HEAD (FT) DESIGN RUNOUT	81 72	81 72
MINIMUM DESIGN EFFECIENCY (%)	55%	55%
PUMP CYCLE TIME (MIN)	15	15

NOTE:

1. PUMPS INSTALLED IN THIS PROJECT ARE THE INITIAL PHASE PUMPS. ULTIMATE PHASE PUMPS SHOWN FOR REFERENCE ONLY.

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

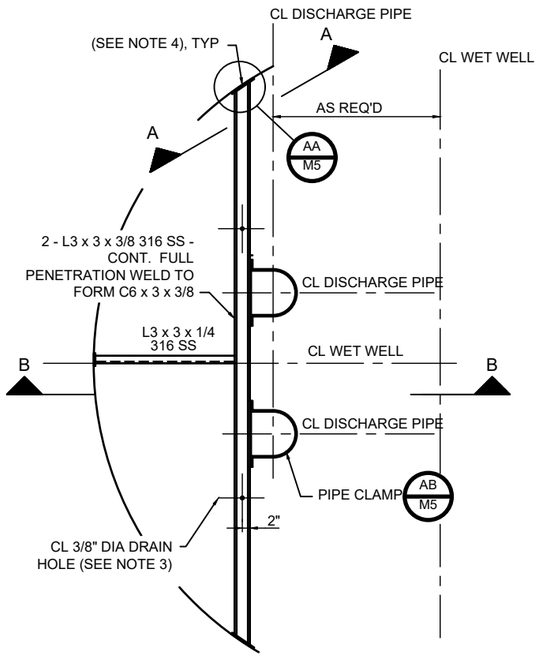
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

PUMP CURVE AND DATA

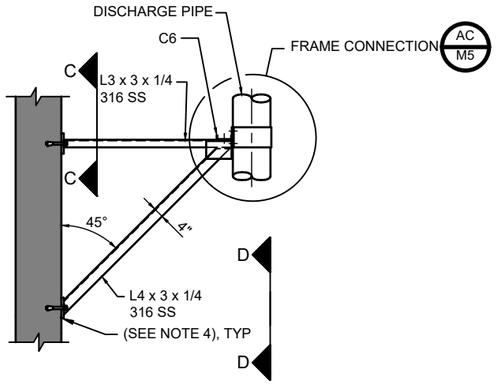
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

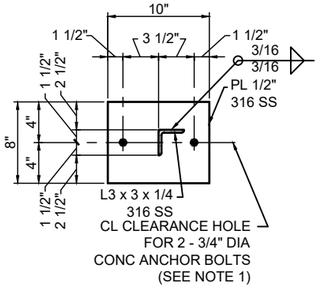
SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	M4
SHEET NUMBER	25 OF 65



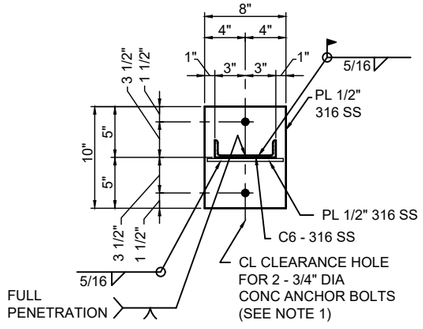
PLAN



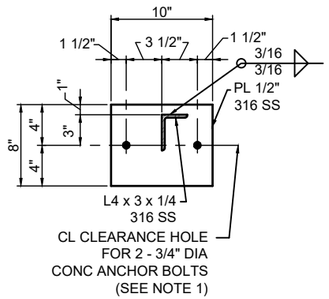
SECTION B-B



SECTION C-C



SECTION A-A



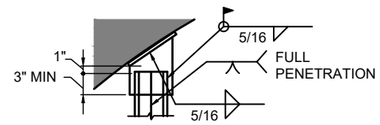
SECTION D-D

TYP DISCHARGE PIPING SUPPORT FOR 2 PUMPS

DETAIL A
NTS

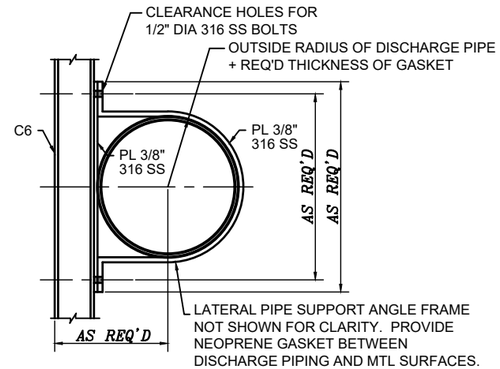
NOTES:

1. CONCRETE ANCHOR BOLTS SHALL HAVE 6" MINIMUM EMBEDMENT AND SHALL BE TYPE 316 STAINLESS STEEL, PER SPECIFICATIONS.
2. SEE STATION AND STRUCTURAL DRAWINGS FOR DIMENSIONS AND INFORMATION NOT SHOWN.
3. DRILL 3/8" DIA HOLES, 1" OFF CL OF C5 AT MIDSPAN 3. BETWEEN LATERAL PIPE SUPPORTS TO ALLOW FOR DRAINAGE. 3 HOLES PER CHANNEL WHERE 2 LATERAL SUPPORTS REQUIRED; 2 HOLES PER CHANNEL WHERE 1 LATERAL SUPPORT REQUIRED.
4. SET 1/4" NEOPRENE GASKET ON WALL SURFACE IN SIKA 1A (OR EQUAL) SEALANT.
5. DETAILS APPLICABLE TO SANITARY LIFT STATION. CABLE HOLDER DETAIL AND TYP. PUMP LIFTING AND CABLING DETAIL APPLICABLE TO SUBMERSIBLE PROCESS PUMPS.



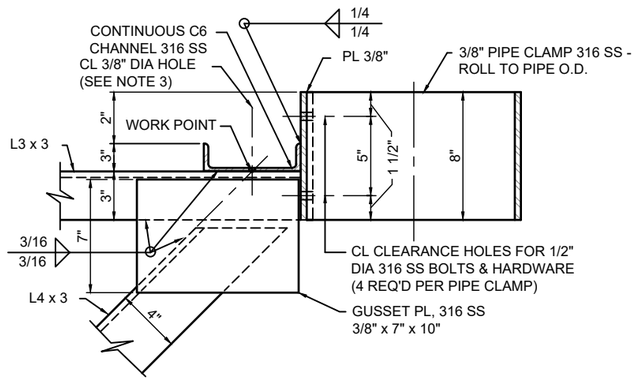
FRAME

DETAIL AA
NTS



PIPE CLAMP

DETAIL AB
NTS



FRAME CONNECTION

DETAIL AC
NTS

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

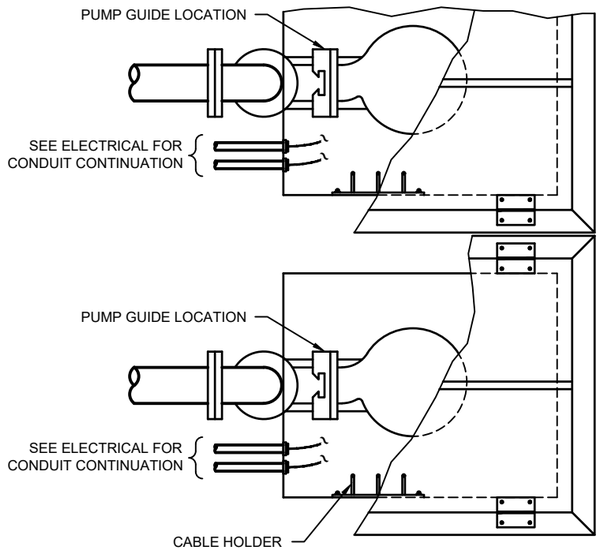
MECHANICAL DETAILS 1

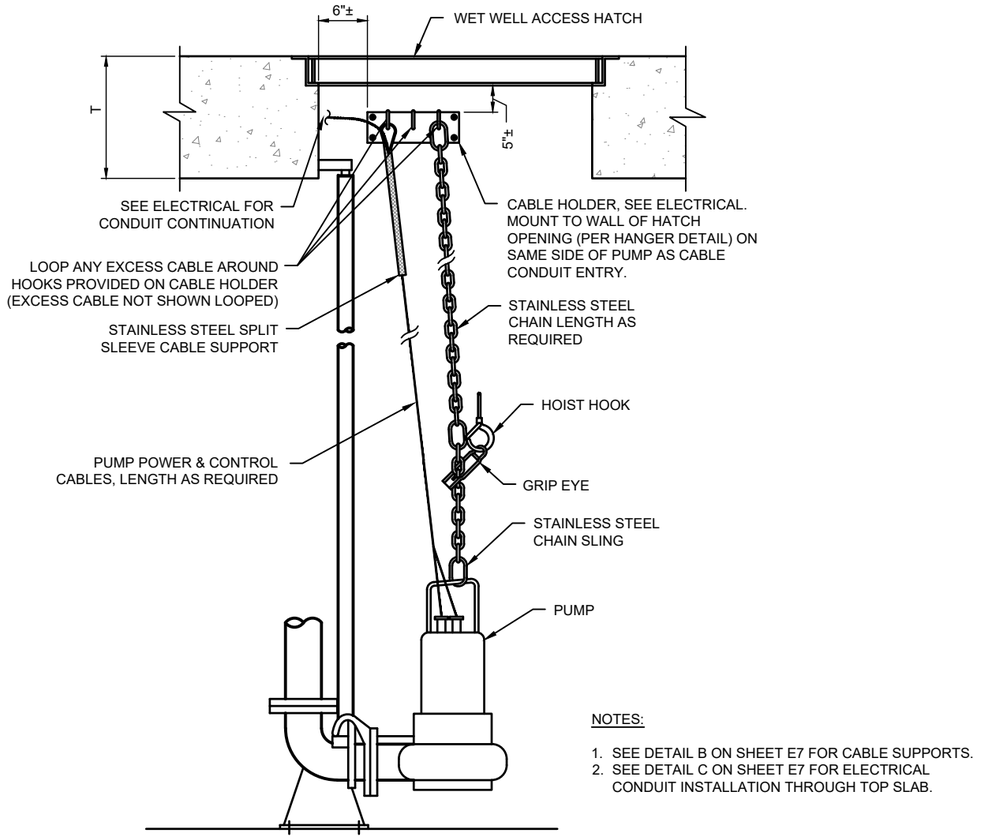
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	M5
SHEET NUMBER	26 OF 65

Printed: 1/25/2024 4:01 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-GN-DETL Layout: LAYOUT1 Saved: 1/24/2024 4:59 PM Last Saved By: jbauer





NOTES:

1. SEE DETAIL B ON SHEET E7 FOR CABLE SUPPORTS.
2. SEE DETAIL C ON SHEET E7 FOR ELECTRICAL CONDUIT INSTALLATION THROUGH TOP SLAB.

TYP PUMP LIFTING & CABLING DETAIL

TYPICAL SUBMERSIBLE PUMP

DETAIL B
NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

MECHANICAL DETAILS 2

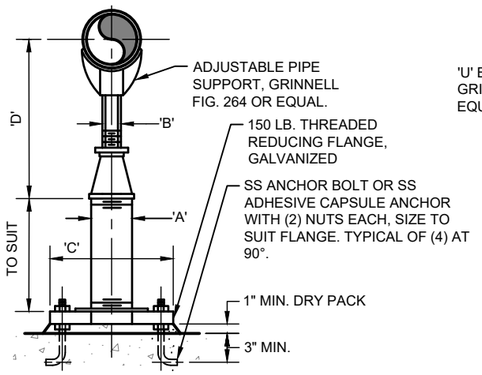
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	M6
SHEET NUMBER	27 OF 65

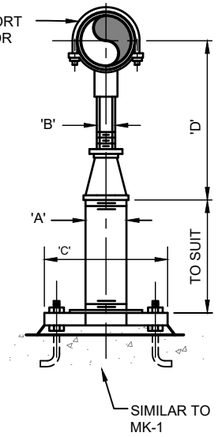
Printed: 1/25/2024 4:02 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-GN-DETL Layout: LAYOUT2 Saved: 1/24/2024 4:59 PM Last Saved By: jbauer

Printed: 1/25/2024 4:02 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-GN-DETL Layout: LAYOUT3 Saved: 1/24/2024 4:59 PM Last Saved By: jbauer



MK-1

ADJUSTABLE PIPE SUPPORT APPROX DIMENSIONS IN INCHES					
PIPE SIZE	A	B	C	D MIN.	MAX.
2 1/2	2 1/2	1 1/2	9	8	11 1/2
3	2 1/2	1 1/2	9	8 1/4	11 3/4
3 1/2	2 1/2	1 1/2	9	8 1/2	
4	3	2 1/2	9	10 1/4	
6	3	2 1/2	9	11 5/8	15 1/4
8	3	2 1/2	9	13 5/8	16 1/2
10	3	2 1/2	9	14 5/8	18 1/4
12	3	2 1/2	9	15 5/8	19 3/4
14	4	3	11	18 5/8	20 3/4
16	4	3	11	19 7/8	22 1/4
18	6	3 1/2	13 1/2	21 1/4	
20	6	3 1/2	13 1/2	23 1/4	25 1/2
24	6	4	13 1/2	26 1/2	28 1/4
30	6	4	13 1/2	29 5/8	31 1/2
32	6	4	13 1/2	30 5/8	32 3/4
36	6	4	13 1/2	32 5/8	34 3/4



MK-2

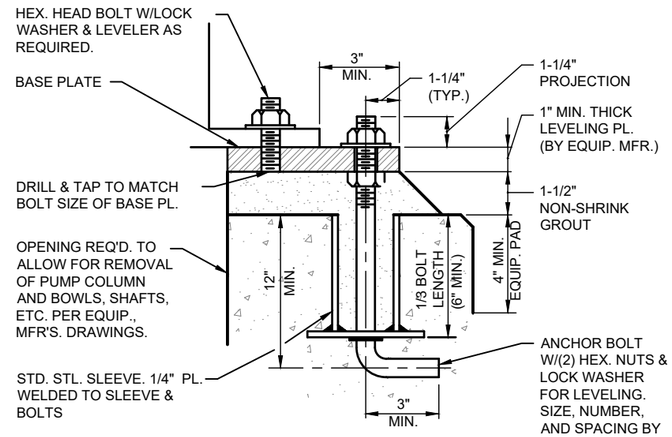
NOTES:

1. UNDER VALVES, METERS, OR OTHER SPECIAL APPURTENANCES A FABRICATED SUPPORT PIECE MAY BE UTILIZED AS ACCEPTABALE TO ENGINEER.
2. WHERE SHOWN UNDER PIPE OR VALVE FLANGE, PROVIDE FLANGE CRADLE SUPPORT BY MATERIAL RESOURCES OR ENGINEER APPROVED EQUAL.
3. HOT DIP GALVANIZE AFTER FABRICATION AND TOUCH-UP WITH COLD GALVANIZING COMPOUND AFTER INSTALLATION.
4. PROVIDE STAINLESS STEEL UNITS AS INDICATED BY NOTE ON SPECIFIC DRAWING.

ADJUSTABLE PIPE SUPPORT

DETAIL D

NTS -



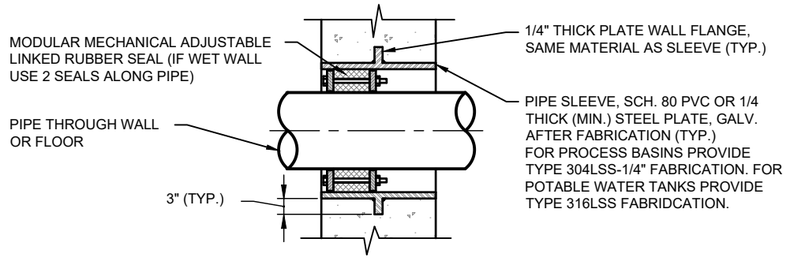
NOTES:

1. ANCHOR BOLTS TO BE SIZED BY EQUIPMENT MFR. BOLTS SHALL BE 316 S.S. OR HOT DIP GALV. AS SPECIFIED.
2. THIS DETAIL TO BE USED FOR NEW EQUIPMENT MOUNTED TO NEW EQUIPMENT PADS.

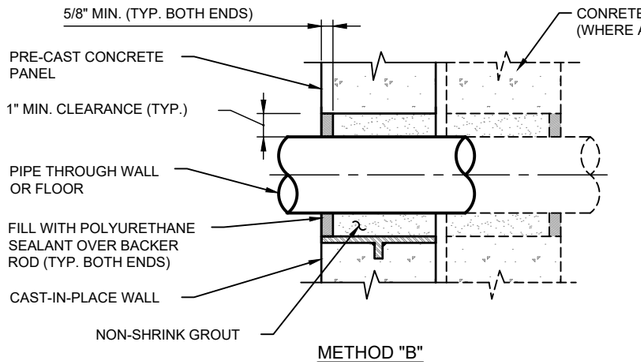
EQUIPMENT MOUNTING BASE

DETAIL E

NTS -



METHOD "A"



METHOD "B"

NOTES:

1. THESE SLEEVED PIPE DETAILS ARE TO BE USED IN DRY WALLS ONLY, EXCEPT AS NOTED.
2. PROVIDE SEALANT ON EXTERNAL FACES ONLY IN TWO WALL CONSTRUCTION.
3. CORE THE PRE-CAST CONCRETE WALL.

WALL PENETRATION IN NEW WALL

DETAIL F

NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

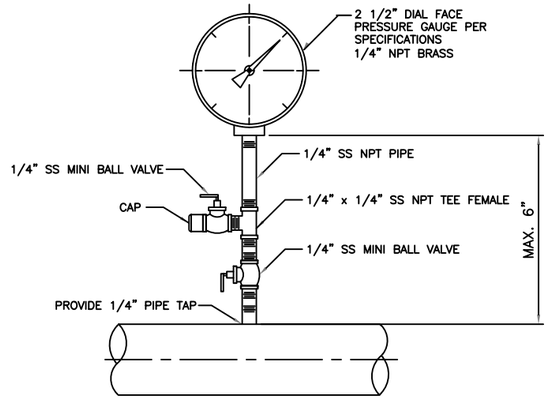
MECHANICAL DETAILS 3

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	M7
SHEET NUMBER	28 OF 65

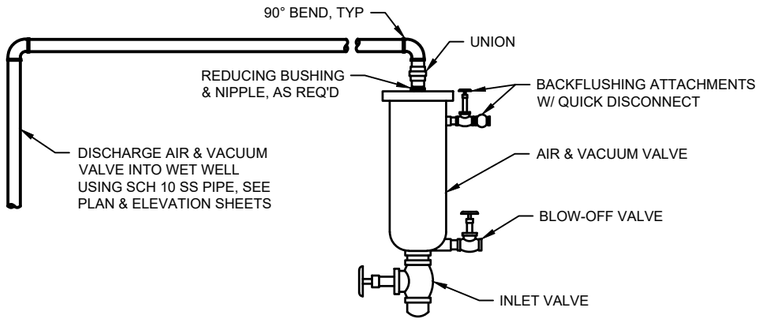
Printed: 1/25/2024 4:03 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-GN-DETL Layout: LAYOUT4 Saved: 1/24/2024 4:59 PM Last Saved By: jbauer



1. ALL FITTINGS SHALL BE STAINLESS STEEL (316).
2. SEE SECTION 15072 "DUCTILE IRON PROCESS PIPE" FOR FURTHER INFORMATION ON CONNECTION TO PIPE.

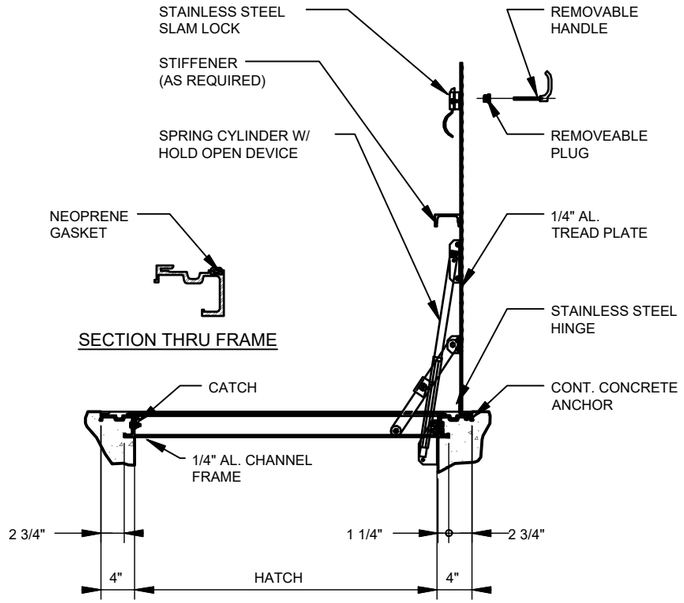
PRESSURE GAUGE

DETAIL G
NTS -



TYPICAL AIR & VACUUM VALVE ASSY

DETAIL H
NTS -



SECTION THRU FRAME

WITHOUT GUTTER

NOTES:

1. PROVIDE INTEGRAL SAFETY GRATING.
2. ALUMINUM SURFACES IN CONTACT WITH CONCRETE. GROUT OR DISSIMILAR METALS WILL BE PROTECTED WITH A COAT OF BITUMINOUS PAINT, MYLAR ISOLATORS OR OTHER APPROVED MATERIAL.
3. ACCESS HATCHES TO MEET ALL REQUIREMENT IN SPECIFICATION.

TYPICAL ACCESS HATCH

DETAIL I
NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

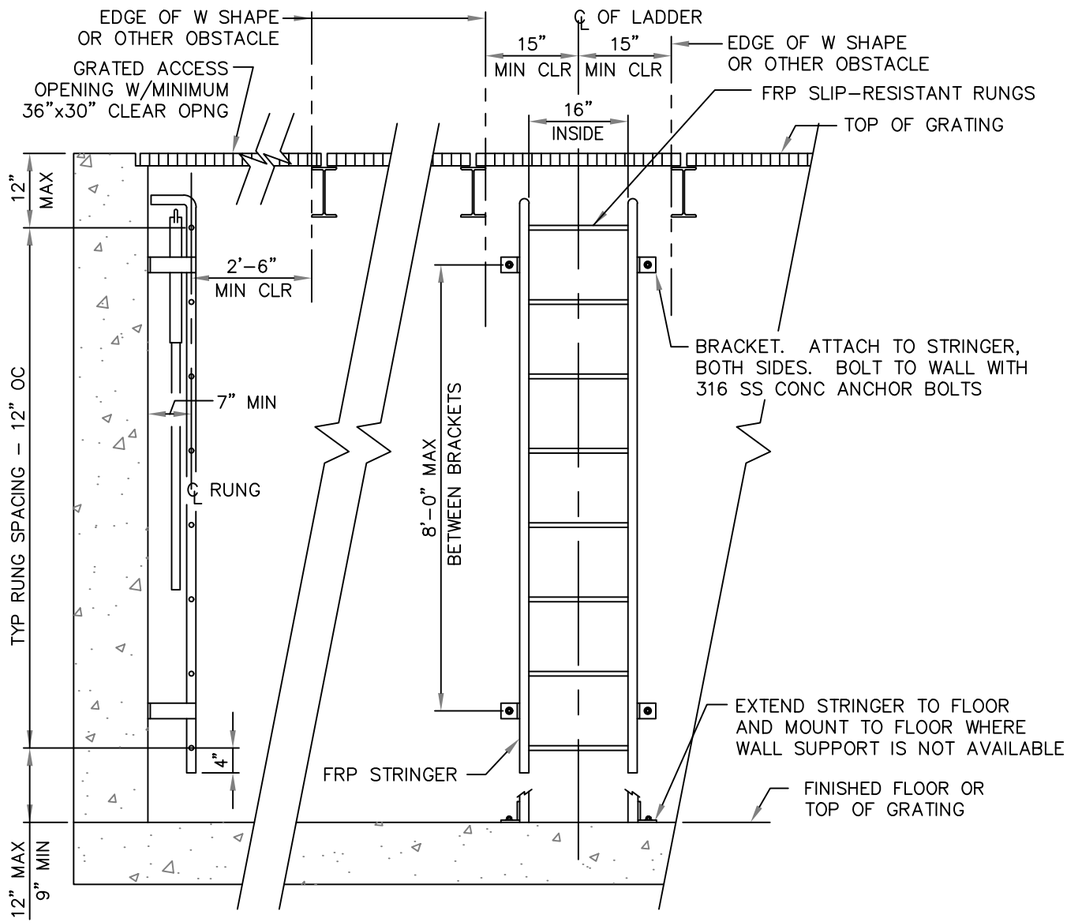
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

MECHANICAL DETAILS 4

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	M8
SHEET NUMBER	29 OF 65



TYPICAL ENTRY ACCESS LADDER INSTALLATION
FOR VALVE VAULTS WITH GRATING

DETAIL J
NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

MECHANICAL DETAILS 5

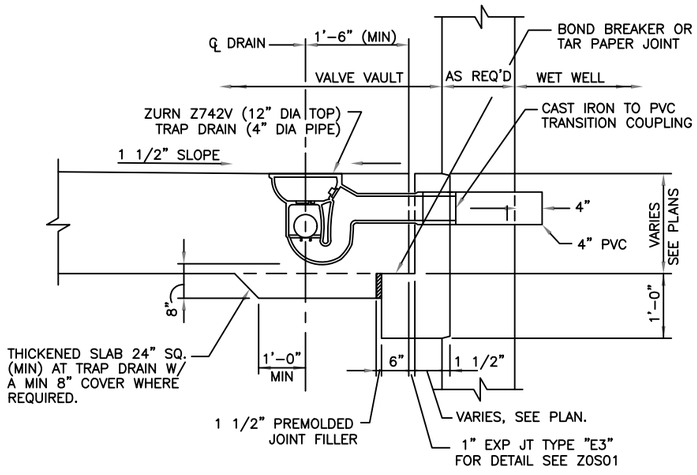
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	M9
SHEET NUMBER	30 OF 65

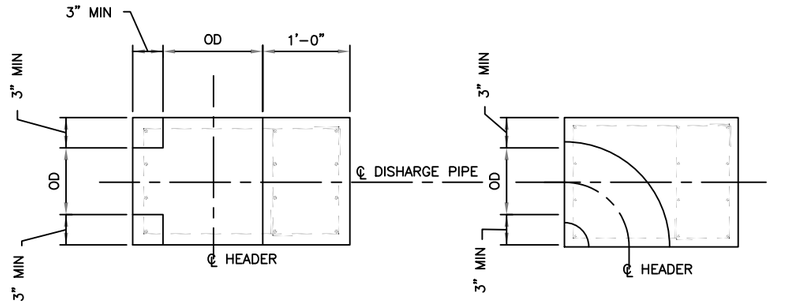
Printed: 1/25/2024 4:03 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-GN-DETL Layout: LAYOUT5 Saved: 1/24/2024 4:59 PM Last Saved By: jbauer

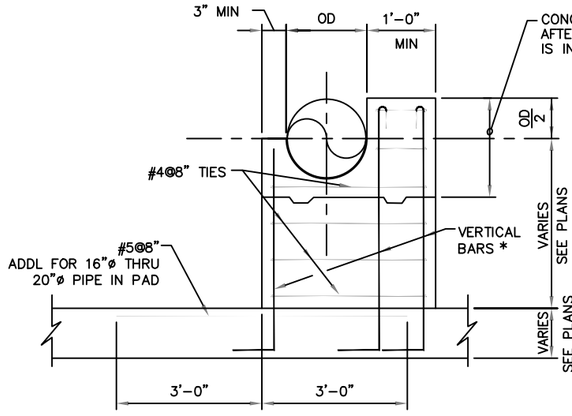
Printed: 1/25/2024 4:03 PM User: Joseph Bauer File: X:\PROJECTS\0900_HUTTO_EMERGENCY_WW_IMPROVEMENTS\300 PLANS AND DRAWINGS\330 PLAN PRODUCTION\333 PLAN SHEETS\WW\09-LIFT_STATION\0900-M-GN-DETL Layout: LAYOUT6 Saved: 1/24/2024 4:59 PM Last Saved By: jbauer



TRAP DRAIN

DETAIL K / NTS -





ELEVATION

*VERTICAL BARS

PIPE DIA	NO. OF VERT BARS
4" – 8"	3#5
10" – 12"	3#5
14" – 16"	4#5
18" – 20"	4#5

TYPICAL THRUST BLOCK

DETAIL L / NTS -

REV. NO.	BY	DATE	REVISION DESCRIPTION

STATE OF TEXAS
ZACHARY H SAUCIER
128478
LICENSED
PROFESSIONAL ENGINEER
1/25/24

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

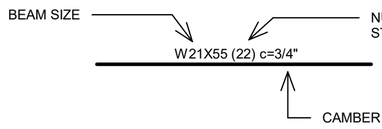
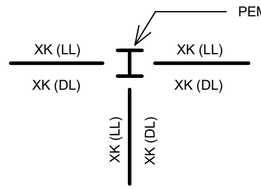
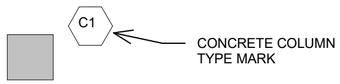
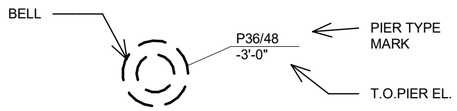
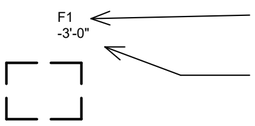
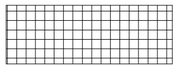
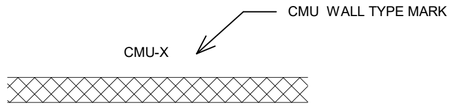
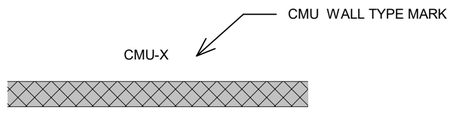
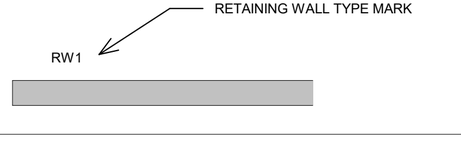
MECHANICAL DETAILS 6

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	January 25, 2024
DRAWING NO.	M10
SHEET NUMBER	31 OF 65

STRUCTURAL LEGEND

EXAMPLE	DESCRIPTION
	STEEL BEAM
	PEMB BEAM REACTIONS LIVE LOAD, DEAD LOAD (UNIQUE EACH END)
	CONCRETE COLUMN
	CONCRETE PIER
	CONCRETE FOOTING
	WELDED METAL BAR GRATING
	MASONRY WALL
	MASONRY SHEAR WALL
	SCHEDULED CONCRETE RETAINING WALL
	CONCRETE WALL

TSEN·ENGINEERING

SHEET LIST

SHEET NO.	SHEET NAME	DATE
S1	STRUCTURAL NOTES 1	01/12/2024
S2	STRUCTURAL NOTES 2	01/12/2024
S3	STRUCTURAL NOTES 3	01/12/2024
S4	STRUCTURAL NOTES 4	01/12/2024
S5	STRUCTURAL NOTES 5	01/12/2024
S6	STRUCTURAL NOTES 6	01/12/2024
S7	STRUCTURAL NOTES 7	01/12/2024
S8	STRUCTURAL NOTES 8	01/12/2024
S9	STRUCTURAL NOTES 9	01/12/2024
S10	STRUCTURAL NOTES 10	01/12/2024
S11	STRUCTURAL NOTES 11	01/12/2024
S20	STRUCTURAL OVERALL	01/12/2024
S21	LIFT STATION/ VAULT PLAN AT GRADE	01/12/2024
S22	LIFT STATION/ VAULT FLOOR PLAN	01/12/2024
S23	LIFT STATION - SECTION	01/12/2024
S30	SECTIONS 1	01/12/2024
S31	SECTIONS 2	01/12/2024
S32	SECTIONS 3	01/12/2024
S40	TYPICAL DETAILS 1	01/12/2024
S41	TYPICAL DETAILS 2	01/12/2024

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 1

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S1**
SHEET NUMBER	34 OF 67

COORDINATION

A. THE CONTRACTOR SHALL COMPARE THE STRUCTURAL, PROCESS, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER SERIES DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS PRIOR TO FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.

B. ONLY LARGER SLEEVE OPENINGS AND FRAMED OPENINGS IN STRUCTURAL FRAMING COMPONENT MEMBERS ARE INDICATED ON THE STRUCTURAL DRAWINGS. HOWEVER, ALL SLEEVES, INSERTS AND OPENINGS, INCLUDING FRAMES AND/OR SLEEVES SHALL BE PROVIDED FOR PASSAGE, PROVISION AND/OR INCORPORATION OF THE WORK OF THE CONTRACT, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING WORK. THIS WORK SHALL INCLUDE THE COORDINATION OF SIZES, ALIGNMENT, DIMENSIONS, POSITION, LOCATIONS, ELEVATIONS AND GRADES AS REQUIRED TO SERVE THE INTENDED PURPOSE. OPENINGS NOT INDICATED ON THE STRUCTURAL DRAWINGS, BUT REQUIRED AS NOTED ABOVE, SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

C. REFER TO PROCESS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR PIPES ELEVATIONS, SLOPES, DRAINS AND LOCATION OF DEPRESSED AND ELEVATED FLOOR AREAS.

D. COMPATIBILITY OF THE STRUCTURE AND PROVISIONS FOR EQUIPMENT SUPPORTED ON OR FROM STRUCTURAL COMPONENTS SHALL BE VERIFIED AS TO SIZE, DIMENSIONS, CLEARANCES, ACCESSIBILITY, WEIGHTS AND REACTION WITH THE EQUIPMENT FOR WHICH THE STRUCTURE HAS BEEN DESIGNED PRIOR TO SUBMISSION OF SHOP DRAWINGS AND DATA FOR EACH PIECE OF EQUIPMENT AND FOR STRUCTURAL COMPONENTS. DIFFERENCES SHALL BE NOTED ON THE SUBMITTALS.

E. SHOP DRAWINGS SHALL BE PREPARED FOR ALL STRUCTURAL ITEMS AND SUBMITTED FOR REVIEW BY THE ENGINEER. STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED AND USED AS SHOP DRAWINGS. ALL ITEMS DEVIATING FROM THE STRUCTURAL DRAWINGS OR FROM PREVIOUSLY SUBMITTED SHOP DRAWINGS SHALL BE CLOUDED.

F. THE DETAILS DESIGNATED AS "TYPICAL DETAILS" APPLY GENERALLY TO THE STRUCTURAL DRAWINGS IN ALL AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS.

G. WHERE EXISTING CONCRETE IS TO BE DRILLED, CORED, OR CUT, THE GENERAL CONTRACTOR SHALL LOCATE, BY NON-DESTRUCTIVE MEANS SUCH AS SCANNING, ALL EXISTING MILD AND PT REINFORCING STEEL IN THE EXISTING CONCRETE PRIOR TO THE DRILLING, CORING, OR CUTTING. THE GENERAL CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO MILD OR PT REINFORCING STEEL IS DAMAGED OR COMPROMISED.

H. ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION SHALL BE VERIFIED AT THE JOB SITE PRIOR TO THE PREPARATION OF SHOP DRAWINGS. DIFFERENCES BETWEEN EXISTING CONSTRUCTION AND THAT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE REFERRED TO THE STRUCTURAL ENGINEER OF RECORD. DIFFERENCES SHALL ALSO BE CLOUDED ON THE SHOP DRAWINGS. CUTTING OR CORING OF ANY STRUCTURAL CONCRETE OR STEEL ELEMENTS SHALL BE COORDINATED WITH THE ENGINEER.

I. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE LATERAL-LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER. TEMPORARY SUPPORTS SHALL NOT RESULT IN THE OVERSTRESS OR DAMAGE OF THE ELEMENTS TO BE BRACED NOR ANY ELEMENTS USED AS BRACE SUPPORTS.

COORDINATION (CONTINUED)

J. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR AND THEIR SUB-CONTRACTORS SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES AND SAFETY MEASURES INCLUDING, BUT NOT LIMITED TO, ADHERENCES TO ALL OSHA GUIDELINES. THE ENGINEER SHALL NOT HAVE CONTROL OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR ANY OTHER PERSON PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THESE PERSONS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS.

K. WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.

L. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF TSEN ENGINEERING IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION IS NOT INTENDED TO BE A CHECK OF THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER A PERIODIC CHECK IN AN EFFORT TO INFORM THE OWNER AGAINST DEFECTS AND DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

SUBSTITUTIONS

A. ALL REQUESTS FOR SUBSTITUTIONS OF MATERIALS OR DETAILS SHOWN IN THE STRUCTURAL CONTRACT DOCUMENTS SHALL BE SUBMITTED FOR APPROVAL DURING THE BIDDING PERIOD.

B. ONCE BIDS ARE ACCEPTED, PROPOSED SUBSTITUTIONS WILL BE CONSIDERED ONLY WHEN THEY ARE OFFICIALLY SUBMITTED WITH AN IDENTIFIED SAVINGS OR DURATION TO BE DEDUCTED FROM THE CONTRACT AND/OR SCHEDULE IMPACT. A STATEMENT THAT THE GC WILL ASSUME ANY UNIDENTIFIED COST IMPACT RELATED TO THE SUBSTITUTION SHALL ALSO BE PROVIDED. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.

MAINTENANCE STATEMENT

A. ALL STRUCTURES REQUIRE PERIODIC MAINTENANCE TO EXTEND LIFESPAN AND TO INSURE STRUCTURAL INTEGRITY FROM EXPOSURE TO THE ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL BE ESTABLISHED BY THE BUILDING OWNER. THIS PROGRAM SHALL INCLUDE SUCH ITEMS AS BUT NOT LIMITED TO PAINTING OF STRUCTURAL STEEL, PROTECTIVE COATING FOR CONCRETE, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND PRESSURE WASHING OF EXPOSED STRUCTURAL ELEMENTS EXPOSED TO A SALT ENVIRONMENT OR OTHER HARSH CHEMICALS.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 2

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S2**
SHEET NUMBER	35 OF 67

CODES & REFERENCED REPORTS

A. THE GENERAL BUILDING CODE(S) USED AS THE BASIS FOR THE STRUCTURAL DESIGN ARE AS FOLLOWS:

1. INTERNATIONAL BUILDING CODE, 2018 EDITION

NOTES:

a. SEE "DESIGN LOADS" ON THIS SHEET FOR WIND DESIGN PROVISIONS FOR EACH CODE. WHERE PROVISIONS CONFLICT BETWEEN THE CODES LISTED ABOVE, THE MORE STRINGENT PROVISIONS ARE REQUIRED AND SHALL BE INCORPORATED HEREIN.

B. STRUCTURAL CONCRETE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AMERICAN CONCRETE INSTITUTE, ACI 318, AS REFERENCED BY THE GENERAL BUILDING CODE.

C. STRUCTURAL CONCRETE: CODE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURES, AMERICAN CONCRETE INSTITUTE, ACI 350, AS REFERENCED BY THE GENERAL BUILDING CODE.

D. STRUCTURAL STEEL: MANUAL OF STEEL CONSTRUCTION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC., ANSI/AISC 360, AS REFERENCED BY THE GENERAL BUILDING CODE.

E. GEOTECHNICAL REPORT: FOUNDATION ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH INFORMATION PROVIDED IN THE FOLLOWING GEOTECHNICAL REPORT:

GEOTECHNICAL ENGINEER:	RABA KISTNER CONSULTANTS, INC.
REPORT NUMBER:	AAA22-148-01
DATE:	13-Jul-23

DESIGN LOADS

A. DEAD LOADS INCLUDE THE SELF-WEIGHT OF THE STRUCTURAL ELEMENTS AND PERMANENT SUPERIMPOSED LOADS. PERMANENT SUPERIMPOSED LOADS INCLUDE THE FOLLOWING:

1. MECHANICAL PIPING 10 PSF

B. LIVE LOADS INCLUDE THE FOLLOWING UNIFORMLY DISTRIBUTED LOADS OR CONCENTRATED LOADS, WHICHEVER PRODUCES THE GREATER LOAD EFFECTS.

	OCCUPANCY OR USE	UNIFORM (psf)	CONCENTRATED (lbs.)
1.	VALVE VAULT SLAB	150	EQUIP. WT.
2.	GENERATOR PAD	250	EQUIP. WT.
3.	MECHANICAL PADS	150	EQUIP. WT.
4.	JIB CRANE		2 TON CAPACITY

C. SNOW LOADS

1.	GROUND SNOW LOAD, Pg	5 PSF
2.	SNOW EXPOSURE FACTOR, Ce	1.0
3.	IMPORTANCE FACTOR, Is	1.0
4.	THERMAL FACTOR, Ct	1.0
5.	FLAT ROOF SNOW LOAD, Pf	5 psf

D. WIND LOADS

1. WIND LATERAL LOAD ON STRUCTURAL FRAME IS BASED ON ASCE 7-16 USING THE FOLLOWING:

a.	BASIC WIND SPEED (ULTIMATE)	120 MPH
b.	EXPOSURE	C
c.	INTERNAL PRESSURE COEFFICIENT, Gcpi	+/-0.18
d.	RISK CATEGORY	III

DESIGN LOADS (CONTINUED)

E. SEISMIC LOADS

1. THE STRUCTURE AND STRUCTURAL COMPONENTS OF THE BUILDING HAVE BEEN DESIGNED IN ACCORDANCE WITH GENERAL BUILDING CODE WITH THE FOLLOWING CRITERIA FOR AUSTIN, TEXAS PER IBC 2018:

a.	SEISMIC IMPORTANCE FACTOR, IE		1.25
b.	RISK CATEGORY		III
c.	MAPPED SPECTRAL RESPONSE ACCELERATIONS		
	i.	Ss (%g)	0.056
	ii.	S1 (%g)	0.035
d.	SITE CLASS		C
e.	SPECTRAL RESPONSE COEFFICIENTS		
	i.	SDS	0.048
	ii.	SD1	0.035
f.	SEISMIC DESIGN CATEGORY		A
g.	BASIC SEISMIC-FORCE-RESISTING SYSTEM		
	i.	CONCRETE SHEAR WALLS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE	
h.	DESIGN BASE SHEAR, V		1.2 KIPS
i.	SEISMIC RESPONSE COEFFCIENT(S), Cs		0.01
j.	RESPONSE MODIFICATION FACTOR(S), R		3
k.	ANALYSIS PROCEDURE USED		
	CONCRETE WALLS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE		

F. MECHANICAL EQUIPMENT LOADS

1. LOADING FOR MECHANICAL PADS ARE BASED ON THE WEIGHTS OF EQUIPMENT AND CONCRETE PADS AS INDICATED ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN AT LEAST THREE WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE. ANY REVISIONS IN EQUIPMENT TYPE, SIZE, OR QUANTITY SHALL BE REPORTED TO THE CIVIL ENGINEER OF RECORD IMMEDIATELY FOR VERIFICATION OF THE STRUCTURAL DESIGN.

SUBMITTALS

A. SHOP DRAWINGS SHALL BE PREPARED FOR ALL STRUCTURAL ITEMS AND SUBMITTED FOR REVIEW BY THE ENGINEER. STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED AND USED AS SHOP DRAWINGS. ALL ITEMS DEVIATING FROM THE STRUCTURAL DRAWINGS OR FROM PREVIOUSLY SUBMITTED SHOP DRAWINGS SHALL BE CLOUDED.

B. CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLIANCE WITH THE STRUCTURAL DRAWINGS AND SHALL CERTIFY THAT THEY HAVE DONE SO BY A STAMP NOTING THAT THE DRAWINGS HAVE BEEN "APPROVED" AND WHICH BEARS THE SIGNATURE (OR INITIALS) OF AN AUTHORIZED REPRESENTATIVE OF THE CONTRACTOR AND THE DATE. SUBMITTALS WHICH DO NOT REFLECT THE CONTRACTOR'S APPROVAL, SIGNATURE AND DATE WILL BE RETURNED WITHOUT REVIEW.

C. CONTRACTOR SHALL BE RESPONSIBLE FOR DELAYS CAUSED BY REJECTION OF INADEQUATE SHOP DRAWINGS.

D. WHERE REVIEW AND RETURN OF SHOP DRAWINGS IS REQUIRED OR REQUESTED, THE ENGINEER WILL REVIEW EACH SUBMITTAL AND, WHERE POSSIBLE, RETURN WITHIN TWO (2) WEEKS OF RECEIPT.

E. CORRECTIONS OR COMMENTS ON SHOP DRAWINGS OR MANUFACTURER'S DATA SHEETS DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. ENGINEER'S REVIEW IS FOR GENERAL CONFORMANCE WITH THE REQUIREMENTS OF THE STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, AND COORDINATING THE WORK WITH THAT OF ALL OTHER CONTRACTORS.

F. REFER TO INDIVIDUAL SECTIONS FOR SPECIFIC SUBMITTAL REQUIREMENTS.

G. CONTRACTOR SHALL PROVIDE SUBMITTALS ELECTRONICALLY TO CIVIL ENGINEER OF RECORD. CIVIL ENGINEER WILL PROVIDE TO STRUCTURAL ENGINEER FOR REVIEW AND COMMENT. STRUCTURAL ENGINEER WILL RETURN REVIEWED SUBMITTAL TO CIVIL ENGINEER FOR DISTRIBUTION TO THE OWNER, AND CONTRACTOR. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND DISTRIBUTING ENGINEER'S COMMENTS TO THEIR SUBCONTRACTORS.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 3

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	S3
SHEET NUMBER	36 OF 67

EXCAVATION PROTECTION

A. ALL EXCAVATIONS SHOULD BE MADE IN ACCORDANCE WITH APPLICABLE OSHA AND TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING THE EXCATION METHODS, MONITORING THE EXCAVATIONS FOR SAFETY, AND PROVIDING SHORING AS REQUIRED TO PROTECT PERSONNEL AND ADJACENT AREAS. THE CONTRACTOR OR OTHERS HIRED BY THE CONTRACTOR SHALL BE REQUIRED TO DEVELOP A TRENCH SAFETY PLAN FOR UTILITY TRENCHES OR OTHER EXCAVATIONS EXTENDING TO OR BELOW A DEPTH OF 5 FEET BELOW CONSTRUCTION GRADE TO PROTECT PERSONNEL ENTERING THE TRENCH OR THE TRENCH VICINITY. IN AREAS WHERE THE EXCAVATION IS GREATER THAN 20 FEET DEEP, A REGISTERED PROFESSIONAL ENGINEER MUST DESIGN THE PRODTECTIVE SYSTEM.

B. EXCAVATION SHOULD NOT UNDERMINE ADJACENT UTILITIES, FOUNDATIONS, WALKWAYS, STREETS, OR OTHER HARDSCAPES UNLESS SHORING OR UNDERPINNED SUPPORT IS PROVIDED.

C. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO DEVELOP A TRENCH SAFETY PLAN, WHICH SHALL INCLUDE REQUIREMENTS FOR SLOPING, BENCHING, VARIOUS TYPES OF TEMPORARY SHORING OR A COMBINATION. SUCH DESIGN AND SAFETY PLAN SHALL BE DEVELOPED IN ACCORDANCE WITH CURRENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) GUIDELINES AND OTHER APPLICABLE INDUSTRY STANDARDS. GENERAL CONTRACTOR TO COORDINATE ANY ADDITIONAL RECOMMENDATIONS FOR SIDE SLOPES AND EXCAVATION REQUIREMENTS WITH GEOTECHNICAL REPORT.

D. CONTRACTOR SHALL SUBMIT DRAWINGS AND CALCULATIONS SEALED BY A REGISTERED ENGINEER LICENSED IN THE STATE HAVING JURISDICTION AT THE PROJECT SITE FOR THE DESIGN OF ANY TEMPORARY RETENTION OR ALTERNATIVE PROTECTIVE SYSTEMS. TEMPORARY RETENTION OR ALTERNATIVE PROTECTIVE SYSTEMS SHALL BE DESIGNED TO RESIST THE SOIL PRESSURES STIPULATED IN THE REFERENCED GEOTECHNICAL REPORT. IN ADDITION, THE DESIGN SHALL CONSIDER SURCHARGES CREATED BY CONSTRUCTION EQUIPMENT, EXCAVATION SPOIL, AND OTHER SURFACE ENCUMBRANCES.

E. REFER TO GEOTECHICAL REPORT FOR RECOMMENDATIONS FOR EXCAVATIONS SIDE SLOPES UP TO 20 FEET HIGH. EXCAVATIONS GREATER THAN 20 FEET DEEP SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS.

F. TEMPORARY SHORING SHOULD BE DESIGNED FOR FULL HEIGHT OF THE EXCAVATION, AND IT SHOULD BE THE RESPONSIBILITY OF THE CONTRACTOR. TEMPORARY SHORING SHALL BE DESIGNED TO RESIST THE SOIL PRESSURES STIPULATED IN THE REFERENCED GEOTECHNICAL REPORT.

WET WELL AND VALVE VAULT PAD PREPARATION

A. THE CLAYEY SAND SOILS LOCATED ABOVE A DEPTH OF 30 FEET ARE LIKELY TO SLOUGH DURING NEAR VERTICAL EXCAVATION, THEREFORE SLOPED CUTS ARE LIKELY TO BE NECESSARY. SLOPE CUTS AND BENCHING SHALL BE PERFORMED IN ACCORDANCE TO REFERENCED GEOTECHNICAL REPORT.

B. PRIOR TO PLACING FILL MATERIAL, REMOVE ALL ORGANIC AND OTHER DELETERIOUS MATERIAL FROM THE EXISTING SUBGRADE TO THE BEARING ELEVATION OF THE WET WELL. ALL EXPOSED SURFACES SHALL THEN BE OBSERVED AND INSPECTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEEER OR SPECIAL INSPECTOR, TO IDENTIFY ANY SOFT OR COMPRESSIBLE AREAS TO BE OVER-EXCAVATED UNTIL A FIRMER SUBGRADE IS ENCOUNTERED.

C. GENERAL CONTRACTOR SHALL COORDINATE ANY ADDITIONAL REQUIREMENTS TO BE PERFORMED TO THE EXPOSED SUBGRADE MATERIAL AT WET WELL BEARING ELEVATION WITH PRE-ENGINEERED WET WELL MANUFACTURE AND GEOTECHNICAL ENGINEER REPORT.

D. THE BACK FILL MATERIAL AROUND THE WET WELL AND VALULT SHALL BE CRUSHED LIMESTONE MATERIAL.

WET WELL AND VALVE VAULT PAD PREPARATION (CONTINUED)

E. TO REDUCE PONTENTIAL SETTLEMENT OF ADJACENT FOUNDATIONS/FLATWORK, THE BACKFILL MATEIRAL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8 INCHES IN THICKNESS AND COMPACTCED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY TxDOT, Tex 113 E. THE MOISTURE CONTENT OF THE BACK FILL SHOULD BE MAINTAINED WITHIN THE RANGE OF 2 PERCENTAGE POINTS BELOW TO 2 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT UNTIL FINAL COMPACTION.

F. COMPACTION OF THE BACKFILL MATERIAL WITHIN AT LEAST A 5 FEET ZONE OF THE WALLS BACKSIDE, SHALL BE COMPACTED BY USING HAND GUIDED COMPATION EQUIPMENT CAPABLE OF ACHIEVING THE MAXIMUM DENSITY IN A SERIES OF 3 TO 5 PASSES.

G. COMPACTION AND MOISTURE CONTENT OF SUBGRADE AND EACH LIFT OF BACKFILL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED ENGINEERING TECHNICIAN, SUPERVISED BY A GEOTECHNICAL ENGINEER.

H. AS AN ALTERNATE TO SELECT FILL MATERIAL, TO REDUCE THE OVERALL POTENTIAL OF SETTLEMENT OF THE BACKFILL AT EXCAVATIONS GREATER THAN 10 FEET, THE GEOTECHNICAL ENGINEER HAS RECOMMENDED THE USE OF CONTROLLED LOW STRENGTH MATERIAL (CLSM), ALSO REFERRED TO AS FLOWABLE FILL. THE CLSM BACKFILL MATERIAL SHALL MEET THE CITY OF AUSTIN STANDARD SPECIFICATION, ITEM 402S. CLSM SHALL HAVE A MAXIMUM 28 DAY COMPRESSIVE STRENGTH OF 300 PSI.

I. THE ABOVE RECOMMENDATIONS HAVE BEEN PREPARED IN ACCORDANCE WITH THE REFERENCED GEOTECHNICAL REPORT.

MECHANICAL PAD PREPARATION

A. AREAS TO SUPPORT MECHANICAL CONCRETE PADS SHOULD BE STRIPPED OF ALL VEGETATION, ORGANICS, TOPSOILS AND OTHER DELETERIOUS MATERIAL FROM THE EXISTING SUBGRADE TO A DEPTH OF 3 FEET BELOW BOTTOM ELEVATION OF MECHANICAL CONCRETE PAD. THE EXPOSED SUBGRADE SHOULD BE PROOFROLLED IN ORDER TO LOCATE WEAK, COMPRESSIBLE ZONES. A MINIMUM OF 5 PASSES OF A FULLY-LOADED DUMP TRUCK OR A SIMILAR HEAVILY-LOADED PIECE OF CONSTRUCTION EQUIPMENT SHOULD BE USED FOR PLANNING PURPOSES. PROOFROLLING OPERATIONS SHOULD BE OBSERVED BY THE GEOTECHNICAL ENGINEER OR THEIR REPRESENTATIVE TO DOCUMENT SUBGRADE CONDITION AND PREPARATION. WEAK OR SOFT AREAS IDENTIFIED DURING PROOFROLLING SHOULD BE REMOVED AND REPLACED WITH SUITABLE, COMPACTED ON-SITE CLAYS, FREE OFORGANICS, OVERSIZED MATERIALS, AND DEGRADABLE OR DELETERIOUS MATERIALS.

B. UPON COMPLETION OF THE PROOFROLLING OPERATIONS AND JUST PRIOR TO SELECT FILL PLACEMENT OR SLAB CONSTRUCTION, THE EXPOSED SUBGRADE SHOULD BE MOISTURE CONDITIONED BY SCARIFYING TO A MINIMUM DEPTH OF 6 INCHES AND RECOMPACTED TO A MIIMUM OF 95 PERCENT OF THE MAXIMUM DENSITY DETERMINED FROM TxDOT, Tex 114 E, COMPACTION TEST. THE MOISTURE CONTENT OF THE SUBGRADE SHOULD BE MAINTAINED WITHIN THE RANGE OF OPTIMUM MOISTURE CONTENT TO 3 PERCENTAGE POINTS ABOVE OPTIMUM MOISTURE CONATENT UNTIL PERMANENTLY COVERED.

C. MATERIAL USED AS SELECT FILL SHALL BE CRUSHED STONE OR GRAVEL AGGREGATE MEETING THE 2014 TxDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION ANS MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES, ITEM 247, FLEXIBLE BASE, TYPE A, OR C, GRADE 1, 2 OR 3, AND HAVING A MAIMUM PLASTICITY INDEX OF 20. THIS MATERIAL SHOULD BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8 INCHES IN THICKNESS AND COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY TxDOT, Tex-114-E. THE MOISTURE CONTENT OF THE FILL SHOULD BE MAINTAINED WITHIN THE RANGE OF PLUS OR MINUS 2 PERCENTAGE POINTS OF OPTIMUM WATER CONTENT.

D. COMPACTION AND MOISTURE CONTENT OF FILL MATERIAL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED ENGINEERING TECHNICIAN, SUPERVISED BY A GEOTECHNICAL ENGINEER.

E. THE ABOVE RECOMMENDATIONS HAVE BEEN PREPARED IN ACCORDANCE WITH THE REFERENCED GEOTECHNICAL REPORT.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN-ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 4

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S4**
SHEET NUMBER	37 OF 67

GROUNDWATER

A. GROUNDWATER WAS ENCOUNTERED DURING THE GEOTECHNICAL FIELD STUDY IN SEVERAL BORINGS. THE GENERAL CONTRACTOR SHALL BE PREPARED TO PERFORM DEWATERING IF REQUIRED. THE DEWATERING METHODS MAY INCLUDE SUMP AND PUMP, WELL POINTS OR SINGLE WELL OR A COMBINATION OF THESE. PROVISIONS SHALL BE MADE FOR APPROPRIATE DISPOSAL OF SURFACE WATER PUMPED TO PREVENT DAMAGE TO PUBLIC AND PRIVATE PROPERTY.

CONCRETE PADS

A. CONCRETE PAD AND VALVE VAULT SLAB DESIGN IS BASED ON AN ALLOWABLE NET BEARING CAPACITY OF 2300 PSF.

B. BEARING STRATUM SHOWN ON THE CONCRETE PADS DETAILS IS NATIVE, FIRM TO HARD CLAY AND LOOSE TO MEDIUM DENSE CLAYEY SAND.

C. CONCRETE PADS EXCAVATIONS SHALL BE TO NEAT LINES AND SHALL BE FREE OF LOOSE OR WET MATERIALS.

D. ALL CONCRETE PADS SHALL BE INSPECTED BY A REPRESENTATIVE OF THE SPECIAL INSPECTOR IN ORDER TO ENSURE THAT THE PROPOSED BEARING MATERIAL HAS BEEN REACHED IN ACCORDANCE WITH THE RECOMMENDATIONS GIVEN IN THE REFERENCED GEOTECHNICAL REPORT AND THAT THE FOOTING HAS BEEN CONSTRUCTED TO SPECIFIED SIZE, WITH DETAILED REINFORCING, AND TO SPECIFIED TOLERANCES.

WELDED METAL BAR GRATING

A. MATERIAL SPECIFICATION:
   1. BEARING BARS: ASTM B221
   2. CROSS RODS: ASTM B221

B. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, GRATING SHALL BE 2 INCH X 3/16 INCH BEARING BARS AT 1 3/16 INCH ON CENTER WITH WELDED CROSS RODS AT 4 INCHES ON CENTER.

C. GRATING SHALL BE ALUMINUM.

D. CONTRACTOR MUST SUPPLY A MEANS OF ACHORING THE GRATING TO THE FRAMING IN THE FORM OF REMOVABLE ALUMINUM SADDLE CLIPS, PROVIDE A MINIMUM OF 4 GRATING ANCHORS PER PANEL.

E. ALL METALS USED IN THE GRATING ASSEMBLY MUST CONSIST OF A SIMILAR ALUMINUM TO MINIMIZE GALVANIC CORROSION BETWEEN DISSIMILAR METALS.

CONTROLLED BACKFILL BEHIND WET WELL WALLS & VALVE VAULT WALLS

A. BACK FILL /SELECT FILL MATERIAL SHALL MEET REQUIREMENTS SPECIFIED IN THE WET WELL / VAULT PAD AND MECHANICAL PAD PREPARATION NOTE SECTIONS.

B. BACKFILL / SELECT FILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 8 INCH.

C. COMPACTION AND MOISTURE CONTENT OF CONTROLLED BACKFILL SHALL BE VERIFIED BY AN INDEPENDENT TESTING LABORATORY.

D. THE TOP 1 FT OF MATERIAL BELOW THE GROUND SURFACE SHALL CONSIST OF RELATIVELY IMPERVIOUS MATERIAL, WITH A LIQUID LIMIT BETWEEN 40 AND 50 PERCENT AND A PLASTICITY INDEX BETWEEN 20 AND 30. THIS MATERIAL SHALL BE PLACED IN 6" LIFTS AND COMPACTED AT OPTIMUM MOISTURE CONTENT, TO 95 PERCENT OF THE MAXIMUM DENSITY PER ASTM D698.

E. BACKFILL MATERIAL SHALL NOT BE PLACED AGAINST FOUNDATION WALLS UNTIL ALL SUPPORTING SLABS, BEAMS, STRUTS, ETC., HAVE ATTAINED THEIR 28 DAY DESIGN STRENGTH UNLESS PROPER BRACING IS INSTALLED.

F. WHERE BACKFILL IS REQUIRED ON BOTH SIDES OF A STRUCTURE ELEMENT, BACKFILL SHALL BE PLACED SIMULTANEOUSLY ALONG BOTH SIDES SO THAT THE BACKFILL HEIGHT ON ONE SIDE DOES NOT EXCEED THE HEIGHT ON THE OPPOSITE SIDE BY MORE THAN 4'-0".

G. COMPACTION AND MOISTURE CONTENT OF SUBGRADE AND EACH LIFT OF STRUCTURAL FILL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED ENGINEERING TECHNICIAN, SUPERVISED BY A GEOTECHNICAL ENGINEER.

H. DESIGN OF VALVE VAULT WALLS IS BASED ON EQUIVALENT HYDROSTATIC PRESSURES OF 60 PCF, ASSUMING FREE DRAINING BACKFILL OR SELECT FILL AND USE OF PERFORATED DRAIN PIPE.

I. THE ABOVE RECOMMENDATIONS HAVE BEEN PREPARED IN ACCORDANCE WITH THE REFERENCED GEOTECHNICAL REPORT.

CAST-IN-PLACE CONCRETE

A. CLASSES OF CONCRETE

CITY CONC. CLASS	MINIMUM STRENGTH (PSI) 28-DAY	7-DAY	AGG. TYPE	MAX W/C	NOTES
C	3600	2520	NWT	6.0	SEE NOTE E.
S	4000	2800	NWT	5.0	SEE NOTE E.

a. "CITY" REFERS TO THE CITY OF GEORGETOWN, TEXAS.
b. "NWT" REFERS TO NORMAL CONCRETE HAVING AIR DY UNIT WEIGHT OF APPROXIMATELY 145 PCF.
c. MAXIMUM WATER-CEMENTITIOUS RATIO (W/C) BY GAL./SACK.
d. "STRENGTH" IS REQUIRED COMPRESSIVE CYLINDER STRENGTH AT AN AGE OF 28 DAYS.
e. AS DESCRIBED IN THE CITY OF GEORGETOWN TECHNICAL SECTION C2 "CONCRETE FOR STRUCTURES" TABLE 4.

MIX USAGE SCHEDULE:

DESCRIPTION OF USE	CONCRETE CLASS	CITY AGGREGATE	SLUMP	AIR ENTRAINMENT
MECHANICAL PADS	C	4 (1" NOM. SIZE)	4"-5"	4.5%
VALVE VAULT SLAB	S	4 (1" NOM. SIZE)	3"-4"	4.5%
VALVE VAULT WALLS	S	4 (1" NOM. SIZE)	3"-4"	4.5%
JIB CRANE FOOTING AND PILASTER	C	4 (1" NOM. SIZE)	4"-5"	4.5%

B. CEMENTITIOUS MATERIALS USED IN MIX DESIGNS ACCORDANCE WITH TECHNICAL SECTION C2.

C. HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE PLACEMENTS SHALL BE PERMITTED ONLY WHERE INDICATED ON THE STRUCTURAL DRAWINGS. ALL VERTICAL CONSTRUCTION JOINTS SHALL BE MADE IN ACCORDANCE WITH THE TYPICAL DETAILS. CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS FOR CONSTRUCTION JOINTS NOT SHOWN ON THE STRUCTURAL DRAWINGS FOR REVIEW BY THE ENGINEER. ADDITIONAL CONSTRUCTION JOINTS MAY REQUIRE ADDITIONAL REINFORCING AS SPECIFIED BY THE ENGINEER WHICH SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

D. SUBMITTAL: SUBMIT MIX DESIGNS IN ACCORDANCE WITH SPECIFICATIONS/TECHNICAL SECTION C2 AND 03300.

E. CONCRETE SAMPLING FOR QUALITY ASSURANCE: IN ACCORDANCE WITH SECTION C2 AND 03300.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 5

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S5**
SHEET NUMBER	38 OF 67

CONCRETE REINFORCING

A. CONCRETE REINFORCEMENT FOR THE PROJECT SHALL CONFORM TO THE FOLLOWING:

1. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL IN ACCORDANCE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE IN THE STRUCTURAL DRAWINGS OR THESE NOTES.

2. DEFORMED BAR ANCHORS. ASTM A496 MINIMUM YIELD STRENGTH 70,000 PSI AS NOTED ON THE STRUCTURAL DRAWINGS. REINFORCING BARS SHALL NOT BE SUBSTITUTED FOR DEFORMED BAR ANCHORS.

3. WELDED WIRE REINFORCEMENT. WELDED SMOOTH WIRE REINFORCEMENT, ASTM A185, YIELD STRENGTH 65,000 PSI WHERE NOTED ON THE STRUCTURAL DRAWINGS. WELDED DEFORMED WIRE REINFORCEMENT, ASTM A497, YIELD STRENGTH 70,000 PSI WHERE NOTED ON THE STRUCTURAL DRAWINGS. WELDED WIRE REINFORCEMENT TO BE PROVIDED IN FLAT SHEETS.

B. DETAILING OF REINFORCING STEEL SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE 315 DETAILING MANUAL AND ALL HOOKS AND BENDS IN REINFORCING BARS SHALL CONFORM TO ACI DETAILING STANDARDS, UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

C. IN UNSCHEDULED GRADE BEAMS, WALLS, AND SLABS, DETAIL REINFORCING AS FOLLOWS:

1. CLASS A LAP BEAM TOP REINFORCING BARS AT MID SPAN.
2. CLASS A LAP BEAM BOTTOM REINFORCING BARS AT THE SUPPORTS.
3. PROVIDE CLASS B LAP AT OTHER LOCATION PENDING ENGINEER'S APPROVAL.
4. PROVIDE STANDARD HOOKS IN TOP BARS AT CANTILEVER AND DISCONTINUOUS ENDS OF BEAMS, WALLS AND SLABS.
5. PROVIDE 2-#4 DIAGONAL BARS AT ALL SLAB RE-ENTRANT CORNERS PLACED UNDER THE TOP MAT OF STEEL.

D. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS.

E. HEAT SHALL NOT BE USED IN THE FABRICATION OR INSTALLATION OF REINFORCEMENT.

F. REINFORCING STEEL CLEAR COVER SHALL BE AS FOLLOWS:

1.	VALVE VAULT WALLS	2"
2.	MECHANICAL PADS	3"
3.	VALVE VAULT SLAB	2" UNLESS OTHERWISE NOTED

a. "EXTERIOR EXPOSURE" REFERS TO CONCRETE EXPOSED TO EARTH OR WEATHER.

G. SUBMITTAL: SUBMIT SHOP DRAWINGS FOR FABRICATION, BENDING, AND PLACEMENT OF CONCRETE REINFORCEMENT. COMPLY WITH ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT". DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS SHOP DRAWINGS.

POST-INSTALLED ANCHORS AND DOWELS

A. EXPANSION ANCHORS:

1. IN CONCRETE: EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING:
   a. KWIK BOLT TZ, HILTI INC.
   b. STRONG BOLT 2, SIMPSON STRONG-TIE CO., INC.

B. SCREW ANCHORS:

1. IN CONCRETE: QUALIFYING ANCHORS SHALL BE ONE OF THE FOLLOWING:
   a. KWIK HUS-EZ, HILTI INC.
   b. TITEN HD, SIMPSON STRONG-TIE CO., INC.

C. UNDERCUT ANCHORS:

1. QUALIFYING ANCHORS SHALL BE ONE OF THE FOLLOWING:
   a. HDA, HILTI INC.
   b. TORQ-CUT, SIMPSON STRONG-TIE CO., INC.

D. ADHESIVE ANCHORS WITH THREADED ROD:

1. IN CONCRETE: QUALIFYING ANCHORS SHALL BE ONE OF THE FOLLOWING PRODUCTS:
   a. EPOXY: HIT-RE 500V3 SAFE SET, HILTI INC.
   b. EPOXY: SET-XP, SIMPSON STRONG-TIE CO., INC.
   c. ACRYLIC: HIT-HY 200 SAFE SET, HILTI INC.
   d. ACRYLIC: AT-XP (IAPMO-ER-0281), SIMPSON STRONG-TIE CO., INC.
2. THREADED ANCHOR ROD SHALL BE ONE OF THE FOLLOWING:
   a. HILTI ADHESIVE: "HIT-Z" AISI 1038
   a. HILTI ADHESIVE: "HIT-Z-R" AISI TYPE 304/316 STAINLESS STEEL
   a. HILTI ADHESIVE: "HAS-E" STANDARD ISO 898 CLASS 5.8
   a. HILTI ADHESIVE: "HAS-SUPER" ASTM A193, GRADE B7
   a. HILTI ADHESIVE: TYPE "HAS" AISI TYPE 304/316 STAINLESS STEEL
   b. SIMPSON ADHESIVE: STEEL MEETING THE REQUIREMENTS OF ASTM A1554, GRADE 36.
   b. SIMPSON ADHESIVE: STEEL MEETING THE REQUIREMENTS OF ASTM A1554, GRADE 36, HOT DIP GALVANIZED.
   b. SIMPSON ADHESIVE: 304 STAINLESS STEEL MEETING THE REQUIREMENTS OF ASTM A193, GRADE B8.
   c. ANCHOR ROD SHALL HAVE A CHAMFERED END ON ONE END TO ACCEPT A NUT AND WASHER; IT MAY HAVE A 45-DEGREE CHISEL POINT ON THE OTHER END.

E. ADHESIVE REBAR DOWELLING

1. QUALIFYING ANCHORS SHALL BE ONE OF THE FOLLOWING PRODUCTS:
   a. EPOXY: HIT-RE 500V3, HILTI INC.
   b. EPOXY: SET-XP, SIMPSON STRONG-TIE CO., INC.
   c. ACRYLIC: HIT-HY 200 SAFE SET WITH HOLLOW DRILL BIT, HILTI, INC.

F. ANCHOR AND DOWEL INSTALLATION

1. ANCHORS AND DOWELS OF THE SIZE AND EMBEDMENT SHOWN ON THE DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE MANUFACTURER'S RECOMMENDATIONS, AND THE MANUFACTURER'S CURRENT EVALUATION (ICC-ES OR IAPMO-ES) REPORT FOR THE ANCHOR. IF CONFLICTS EXIST BETWEEN THESE REFERENCED DOCUMENTS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

G. FOR ADHESIVE ANCHORS INSTALLED IN A HORIZONTAL ORIENTATION SUBJECT TO SUSTAINED TENSION LOADING AND ALL UPWARDLY INCLINED (INCLUDING SOFFIT INSTALLATIONS) ORIENTATION:

1. PER ACI 318: INSTALLATION SHALL BE PERFORMED BY PERSONNEL CERTIFIED BY ACI/CRSI "ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM." CERTIFICATION SHALL INCLUDE WRITTEN AND PERFORMANCE TESTS.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 6

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S6**
SHEET NUMBER	39 OF 67

STRUCTURAL STEEL

A. MATERIAL

1. ALL HOT ROLLED STEEL MEMBERS SHALL BE NEW AND CONFORM TO ASTM SPECIFICATION A6.

2. ASTM SPECIFICATION AND GRADE - CLEARLY MARK THE GRADE ON EACH MEMBER.

3. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, STRUCTURAL STEEL MEMBERS SHALL BE:

   a. W, WT-SHAPES SHALL CONFORM TO ASTM A992, Fy = 50 KSI.
   b. CHANNELS SHALL CONFORM TO ASTM A36.
   c. ANGLES SHALL CONFORM TO ASTM A36.
   d. STEEL PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B, Fy = 35 KSI.
   e. ROUND HOLLOW STRUCTURAL SHAPE MEMBERS SHALL CONFORM TO ASTM A500, GRADE B, Fy = 42 KSI. GRADE C, Fy = 46 KSI IS ALSO ACCEPTABLE.
   f. SQUARE OR RECTANGULAR HOLLOW STRUCTURAL SHAPE MEMBERS SHALL CONFORM TO ASTM A500 GRADE B, Fy = 46 KSI. GRADE C, Fy = 50 KSI IS ALSO ACCEPTABLE.
   g. STRUCTURAL STEEL PLATE SHALL CONFORM TO ASTM A36.
   h. ANY OTHER STEEL SHALL CONFORM TO ASTM A36.
   i. HEADED STUD SHEAR CONNECTORS SHALL CONFORM TO ASTM A108.

B. FABRICATION

1. SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ENGINEER AS TO LOCATION AND TYPE OF SPLICE TO BE MADE. ANY MEMBER HAVING SPLICE NOT SHOWN AND DETAILED ON SHOP DRAWINGS WILL BE REJECTED.

2. DIMENSIONAL TOLERANCES OF FABRICATED STRUCTURAL STEEL SHALL CONFORM TO SECTION 6.4 OF THE AISC CODE OF STANDARD PRACTICE UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

3. SHOP PAINTING: PAINT STRUCTURAL STEEL WITH ONE COAT OF MANUFACTURER'S STANDARD RED OXIDE PRIMER APPLIED AT A RATE TO PROVIDE A UNIFORM DRY FILM THICKNESS OF 2.5 MILS.

STRUCTURAL STEEL (CONTINUTED)

C. ERECTION

1. ERECTION TOLERANCES OF ANCHOR BOLTS, EMBEDDED ITEMS, AND ALL STRUCTURAL STEEL UNLESS SPECIFIED OTHERWISE ON THE STRUCTURAL DRAWINGS SHALL CONFORM TO THE AISC CODE OF STANDARD PRACTICE.

2. FIELD CUTTING OF STRUCTURAL STEEL OR ANY FIELD MODIFICATIONS TO STRUCTURAL STEEL SHALL NOT BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER.

3. CONTRACTOR SHALL PROTECT ANY UNPRIMED STRUCTURAL STEEL FROM DETRIMENTAL EFFECTS OF CORROSION, AS REQUIRED, UNTIL THE STEEL IS ENCLOSED AND PROTECTED BY THE NEW CONSTRUCTION.

4. HOT DIP GALVANIZE AFTER FABRICATION ALL STRUCTURAL STEEL ITEMS AND CONNECTIONS PERMANENTLY EXPOSED TO THE WEATHER, WHETHER SPECIFIED ON THE STRUCTURAL DRAWINGS OR NOT. SUCH ITEMS INCLUDE, BUT ARE NOT LIMITED TO:

   a. SHELF ANGLES
   b. ALL EMBEDDED PLATES IN CONCRETE
   c. RAILING EXPOSED TO WEATHER.
   d. EXAMINE THE CIVIL, MECHANICAL AND STRUCTURAL DRAWINGS FOR OTHER ITEMS REQUIRED TO BE HOT DIPPED GALVANIZED. GALVANIZE ALL NUTS, BOLTS, AND WASHERS USED IN CONNECTION WITH SUCH STEEL. FIELD WELDED CONNECTIONS SHALL HAVE WELDS PROTECTED WITH “Z.R.C. COLD GALVANIZING COMPOUND” AS MANUFACTURED BY Z.R.C. COMPANY.

D. CONTRACTOR SHALL COORDINATE STRUCTURAL STEEL FIREPROOFING REQUIREMENTS. ALL INTERIOR STRUCTURAL STEEL, INCLUDING STEEL JOISTS, SCHEDULED OR INDICATED TO RECEIVE SPRAY APPLIED FIREPROOFING SHALL BE DELIVERED TO THE PROJECT SITE UNPRIMED. STEEL EXPOSED TO CORROSIVE CONDITIONS AFTER INSTALLATION SHALL BE PRIMED WITH A PROTECTIVE COATING WHICH DOES NOT DIMINISH THE BOND BETWEEN THE SPRAY APPLIED FIREPROOFING, AND THE STEEL SUBSTRATE. ANY PRIMER, AND/OR COATING APPLIED TO STRUCTURAL STEEL SHALL BE APPROVED FOR USE IN THE APPLICABLE U.L. FIRE RESISTANCE ASSEMBLY USED ON THE PROJECT.

E. PROVIDE 2 TONS OF ADDITIONAL STRUCTURAL STEEL (SIZES AS DIRECTED BY THE ARCHITECT) TO BE USED IN THE FIELD AS DIRECTED BY THE ARCHITECT. LABOR FOR PLACING STEEL SHALL BE INCLUDED. ANY UNUSED PORTION OF THE QUANTITY SHALL BE CREDITED TO THE OWNER AT THE RATE OF $8500 PER TON.

F. SUBMITTAL: PROVIDE DRAWINGS SHOWING DETAILS FOR FABRICATION AND SHOP ASSEMBLY OF MEMBERS, ERECTION PLANS AND DETAILS. INCLUDE DETAILS OF CONNECTIONS, CAMBER, WELD PROFILES AND SIZES AND SPACING. SHOP AND ERECTION DRAWINGS SHALL NOT BE MADE USING REPRODUCTIONS OF THE STRUCTURAL DRAWINGS.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 7

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S7**
SHEET NUMBER	40 OF 67

STRUCTURAL STEEL CONNECTIONS

A. WELDED CONNECTIONS
   1. ALL WELDING SHALL CONFORM TO ANSI/AWS D1.1, LATEST EDITION.
   2. FILLET WELDS WITH NO SIZE SPECIFIED SHALL BE 3/16 INCH OR MINIMUM SIZE REQUIRED BY AISC, WHICHEVER IS LARGER.

B. BOLTED CONNECTIONS
   1. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, BOLTS SHALL BE 3/4 INCH DIAMETER AND CONFORM TO ASTM A325. BOLTS SHALL BE DESIGNED USING VALUES FOR BEARING TYPE BOLTS WITH THREAD ALLOWED IN THE SHEAR PLANE.
   2. BOLTS SHALL BE TIGHTENED TO “SNUG TIGHT” AS DEFINED BY AISC, UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
   3. REFER TO "STRUCTURAL STEEL SLIP-CRITICAL BOLTED CONNECTIONS" STRUCTURAL NOTES AT SLIP-CRITICAL BOLTED CONNECTIONS.

C. STRUCTURAL STEEL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS SHALL BE DESIGNED AND DETAILED BY THE CONTRACTOR UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER LICENSED IN THE STATE HAVING JURISDICTION AT THE PROJECT SITE. SEALED CALCULATIONS FOR ALL CONNECTIONS DESIGNED BY THE CONTRACTOR SHALL BE SUBMITTED FOR THE ARCHITECT'S FILES.

D. BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED AS FOLLOWS, UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS:
   1. CONNECTIONS SHALL BE AISC TYPE 2 SIMPLE FRAMING CONNECTIONS. SHEAR TAB CONNECTIONS SHALL NOT BE USED UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, OR CONNECTIONS ARE DESIGNED AND DETAILED BY THE FABRICATOR'S REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS AND SEALED CALCULATIONS ARE SUBMITTED.
   2. IN GENERAL, SHOP CONNECTIONS SHALL BE BOLTED OR WELDED AND FIELD CONNECTIONS SHALL BE BOLTED.
   3. SHORT SLOTTED HOLES IN NON-SLIP CRITICAL SHEAR PLATE CONNECTIONS SHALL BE PERMITTED PROVIDED WASHERS ARE INSTALLED IN ACCORDANCE WITH AISC REQUIREMENTS. WASHERS SHALL BE HARDENED WHERE A325 BOLTS ARE USED.

E. BASE PLATES
   1. COLUMN BASE PLATES SHALL BE SET TO THE ELEVATION INDICATED ON THE STRUCTURAL DRAWINGS AND LEVELED USING SHIMS OR BY DOUBLE NUTS ON ANCHOR BOLTS. BASE PLATES SHALL THEN BE GROUTED WITH A NON-SHRINK, HIGH STRENGTH NONMETALLIC GROUT. TIGHTEN ANCHOR BOLTS AFTER SUPPORTED MEMBERS HAVE BEEN POSITIONED AND PLUMBED.
   2. HOLE SIZES IN BASE PLATES SHALL BE OVERSIZED WITH PLATE WASHERS PER AISC TABLE 14-2. AT WIND-FRAMES, PROVIDE PLATE WASHER ON TOP OF THE BASEPLATE AND UNDER THE NUT, FIELD WELDED TO THE BASEPLATE.

F. ANCHOR RODS SHALL BE:
   1. TYPICAL: ASTM F1554 GR. 36 MINIMUM, WELDABLE.

G. FOR CONNECTIONS NOT SPECIFICALLY ADDRESSED BY THESE NOTES OR THE STRUCTURAL DRAWINGS, PROVIDE FILLET WELDS AT ALL CONTACT SURFACES SUFFICIENT TO DEVELOP THE TENSILE STRENGTH OF THE SMALLER MEMBER AT THE JOINT.

DESIGN BY OTHERS

A. IN ACCORDANCE WITH THE SPECIFICATIONS THE ITEMS LISTED BELOW ARE NOT INCLUDED IN THE CONTRACT DOCUMENTS. DESIGN OF THESE ELEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE DESIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE HAVING JURISDICTION AT THE PROJECT SITE.
   1. PRE-ENGINEERED POLYMER CONCRETE WET WELL
   2. STEEL CONNECTIONS
   3. METAL LADDERS
   4. GUARDRAIL AND HANDRAIL SYSTEMS
   5. LIGHT POLES
   6. EXCAVATION SUPPORT AND PROTECTION
   7. SPECIALTY RETENTION SYSTEMS
   8. EMBEDDED ASSEMBLIES AND INSERTS, CLAMPS, HANGERS, TRAPEZES, UNISTRUT, ETC. FOR THE SUPPORT OF MEP SYSTEMS.
   9. EMBEDDED ASSEMBLIES, INSERTS, AND/OR HANGERS FOR FIRE SUPPRESSION SYSTEMS.

B. DESIGN OF THE ITEMS LISTED ABOVE SHALL BE IN ACCORDANCE WITH THE GENERAL BUILDING CODE, AND SHALL INCLUDE ALL ATTACHMENTS TO THE STRUCTURE.

C. COMPLETE SUBMITTALS FOR ITEMS DESIGNED BY OTHERS SHALL INCLUDE CALCULATIONS, WHICH SHALL BE PROVIDED PRIOR TO OR WITH SHOP DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DELAYS CAUSED BY INCOMPLETE SUBMITTALS.

DEFERRED SUBMITTALS

A. IN ACCORDANCE WITH THE GENERAL BUILDING CODE, SECTION 107.3.4.2, SOME SUBMITTAL DOCUMENTS WILL NOT BE ISSUED AT THE TIME OF PERMIT APPLICATION, AND WILL BE “DEFERRED” TO A LATER DATE.

B. DEFERRED SUBMITTALS ARE DESIGN ITEMS BEING DELEGATED TO THE CONTRACTOR THAT SHALL BE DESIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN TEXAS TO CERTIFY THAT THE MINIMUM STRUCTURAL STRENGTH REQUIRED BY CODE HAS BEEN MET.

C. DEFERRED SUBMITTALS ARE REQUIRED TO BE SUBMITTED TO THE BUILDING OFFICIAL. HOWEVER, THESE SUBMITTALS SHALL BE SUBMITTED AND APPROVED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (RDPIRC) PRIOR TO SUBMITTING TO THE BUILDING OFFICIAL.

D. WORK ASSOCIATED WITH DEFERRED SUBMITTALS SHALL NOT BE PERFORMED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

E. DEFERRED SUBMITTAL ITEMS THAT NEED TO MEET MINIMUM STRUCTURAL STRENGTH CODE REQUIREMENTS ARE AS FOLLOWS. DESIGN OF THESE ITEMS SHALL BE IN ACCORDANCE WITH THE GENERAL BUILDING CODE, AND SHALL INCLUDE ALL ATTACHMENTS TO THE STRUCTURE:
   1. PRE-ENGINEERED POLYMER CONCRETE WET WELL
   2. STEEL CONNECTIONS
   3. METAL LADDERS
   4. GUARDRAIL AND HANDRAIL SYSTEMS
   5. LIGHT POLES
   6. EXCAVATION SUPPORT AND PROTECTION
   7. SPECIALTY RETENTION SYSTEMS
   8. EMBEDDED ASSEMBLIES AND INSERTS, CLAMPS, HANGERS, TRAPEZES, UNISTRUT, ETC. FOR THE SUPPORT OF MEP SYSTEMS.
   9. EMBEDDED ASSEMBLIES, INSERTS, AND/OR HANGERS FOR FIRE SUPPRESSION SYSTEMS.

F. REFER TO THE CONTRACT DOCUMENTS FOR ADDITIONAL DEFERRED SUBMITTAL ITEMS.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 8

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S8**
SHEET NUMBER	41 OF 67

ABBREVIATIONS

ABOVE FINISHED FLOOR	A.F.F.
ADDITIONAL	ADD'L
ADJACENT	ADJ.
AIR CONDITIONER	A/C
AIR HANDLING UNIT	AHU
ALTERNATE	ALT
AMERICAN CONCRETE INSTITUTE	A.C.I.
AMERICAN INSTITUTE OF STEEL CONSTRUCTION	A.I.S.C.
ANCHOR BOLT	A.B.
ANGLE	L
APPROXIMATE	APPROX.
ARCHITECT	ARCH
ARCHITECTURAL	ARCH'L
AT	@
BACK FACE	B.F.
BASEMENT	BSMT.
BEAM	BM
BEARING	BRG.
BELOW FINISH FLOOR	B.F.F.
BETWEEN	BTWN
BLOCKING	BLKG.
BOTTOM	BOT. OR BOTT.
BOTTOM OF	B.O.
BOTTOM OF STEEL	B.O.S.
BRICK LEDGE	B.L.
BUILDING	BLDG.
CAST-IN-PLACE	C.I.P.
CEILING	CLG.
CENTER OF GRAVITY	C.G.
CENTER OF GRAVITY OR STRAND	C.G.S.
CENTERLINE	CL
CLEAR OR CLEARANCE	CLR.
COLD FORMED STEEL	CFS
COLUMN	COL.
COMPRESSION	C
CONCRETE	CONC.
CONCRETE MASONRY UNIT	CMU
CONNECTION	CONN.
CONSTRUCTION	CONST.
CONSTRUCTION JOINT	CONST. JT.
CONTINUOUS	CONT.
CONTRACTOR	CONTR.
CONTROL JOINT	C.J.
COORDINATE	COORD.
DEAD LOAD	DL

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 9

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S9**
SHEET NUMBER	42 OF 67

ABBREVIATIONS

DIAGONAL	DIAG.
DIAMETER	DIA. OR Ø
DIMENSION	DIM.
DOUBLE	DBL
DOWEL	DWL
DRAWING	DWG
EACH	EA.
EACH FACE	E.F.
EACH WAY	E.W.
ELECTRICAL	ELEC.
ELEVATION	EL.
ELEVATOR	ELEV.
ENGINEER	ENGR.
EQUAL	EQ
EQUIPMENT	EQUIP.
EXISTING	EXIST.
EXISTING	(E)
EXPANSION	EXP.
EXPANSION JOINT	EJ
EXTERIOR	EXT.
FABRICATE	FAB.
FAR SIDE	FS
FIELD VERIFY	F.V.
FINISH FLOOR	FF
FIXED NUMBER	FN
FLOOR DRAIN	FD
FOOT (OR) FEET	FT
FOUNDATION	FDN
GAGE OR GAUGE	GA.
GALVANIZED	GALV.
GENERAL CONTRACTOR	G.C.
HEADED STUD	HS
HEADER	HDR.
HEIGHT	HT.
HIGH POINT	H.P.
HOLLOW STRUCTURAL SECTION	HSS
HORIZONTAL	HORIZ.
HORIZONTAL BRACE	H.B.
INFORMATION	INFO.
INSIDE DIAMETER	ID.
INSIDE FACE	I.F.
INTERIOR	INT.

ABBREVIATIONS

INTERMEDIATE	INTERM.
JOINT	JT.
JOIST	JST.
JOIST GIRDER	J.G.
KIP PER LINEAR FOOT	KLF
KIP PER SQUARE FOOT	KSF
KIP PER SQUARE INCH	KSI
KIPS (1000 LBS)	K
LIGHTWEIGHT	LW.
LIGHTWEIGHT CONCRETE	LWC.
LIVE LOAD	LL
LOCATION	LOC.
LONG LEG HORIZONTAL	LLH
LONG LEG VERTICAL	LLV
LONG SIDE HORIZONTAL	LSH
LONG SIDE VERTICAL	LSV
LONGITUDINAL	LONG
LOW POINT	L.P.
MANUFACTURER	MANUF.
MATERIAL	MAT.
MAXIMUM	MAX.
MECHANICAL	MECH.
MECHANICAL, ELECTRICAL, PLUMBING	MEP
METAL	MTL
MEZZANINE	MEZZ.
MIDDLE	MID.
MINIMUM	MIN.
MISCELLANEOUS	MISC.
MOMENT CONNECTION	MC
NEAR SIDE	NS
NEW	(N)
NOMINAL	NOM.
NON-SHRINK	N.S.
NOT IN CONTRACT	N.I.C.
NOT TO SCALE	N.T.S.
NUMBER	NO.
ON CENTER	O.C.
OPENING	OPNG.
OPPOSITE	OPP.
OPPOSITE HAND	O.H.
OUTSIDE DIAMETER	O.D.
OUTSIDE FACE	O.F.

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN-ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL NOTES 10

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S10**
SHEET NUMBER	43 OF 67

ABBREVIATIONS

PAN	P
PANEL JOINT	P.J.
PERPENDICULAR	PERP.
PLATE	PL
POST-TENSION(ED)	P-T
POUNDS	# OR LBS.
POUNDS PER CUBIC FOOT	PCF
POUNDS PER LINEAR FOOT	PLF
POUNDS PER SQUARE FOOT	PSF
POUNDS PER SQUARE INCH	PSI
PRE-ENGINEERED METAL BUILDING	PEMB
PRECAST CONCRETE	P/C
PREFABRICATED	PREFAB.
PRELIMINARY	PRELIM.
PROJECTION	PROJ.
QUANTITY	QTY.
REINFORCE(ING)(ED)(MENT)	REINF.
REMAINDER	R
REQUIRE (D)	REQ.('D)
RETENTION SYSTEM	RET. SYS.
ROOF TOP UNIT	RTU
ROUGH OPENING	R.O.
SCHEDULE	SCHED.
SIMILAR	SIM.
SLAB-ON-GRADE	S.O.G.
SPECIFICATION	SPECS.
SPECIFIED	SPEC'D.
SQUARE	SQ
SQUARE FOOT	SF
STAINLESS STEEL	S.S.
STANDARD	STD
STEEL	STL
STEEL JOIST INSTITUTE	S.J.I.
STIFFENER	STIFF.
STIRRUP	STIR.
STRUCTURAL	STRUCT'L
STRUCTURE	STRUCT.
SUBCONTRACTOR	SUBCONTR.
TEMPORARY	TEMP.
TENSION	T
THICK	THK
TONGUE AND GROOVE	T&G

ABBREVIATIONS

TOP AND BOTTOM	T&B
TOP OF	T.O.
TOP OF BEAM	T.O.B.
TOP OF CONCRETE	T.O.C.
TOP OF FOOTING	T.O.F.
TOP OF JOIST	T.O.J.
TOP OF PIER	T.O.P.
TOP OF STEEL	T.O.S.
TOP OF WALL	T.O.W.
TYPICAL	TYP.
UNLESS NOTED OTHERWISE	U.N.O.
VERTICAL	VERT.
WATER STOP	WS
WELDED DEFORMED BAR ANCHOR	D.B.A.
WELDED WIRE FABRIC	W.W.F.
WIDE FLANGE	WF
WIND BRACE	WB
WIND LOAD	WL
WITH	W/
WITHOUT	W/O
WORK POINT	WP

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN-ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

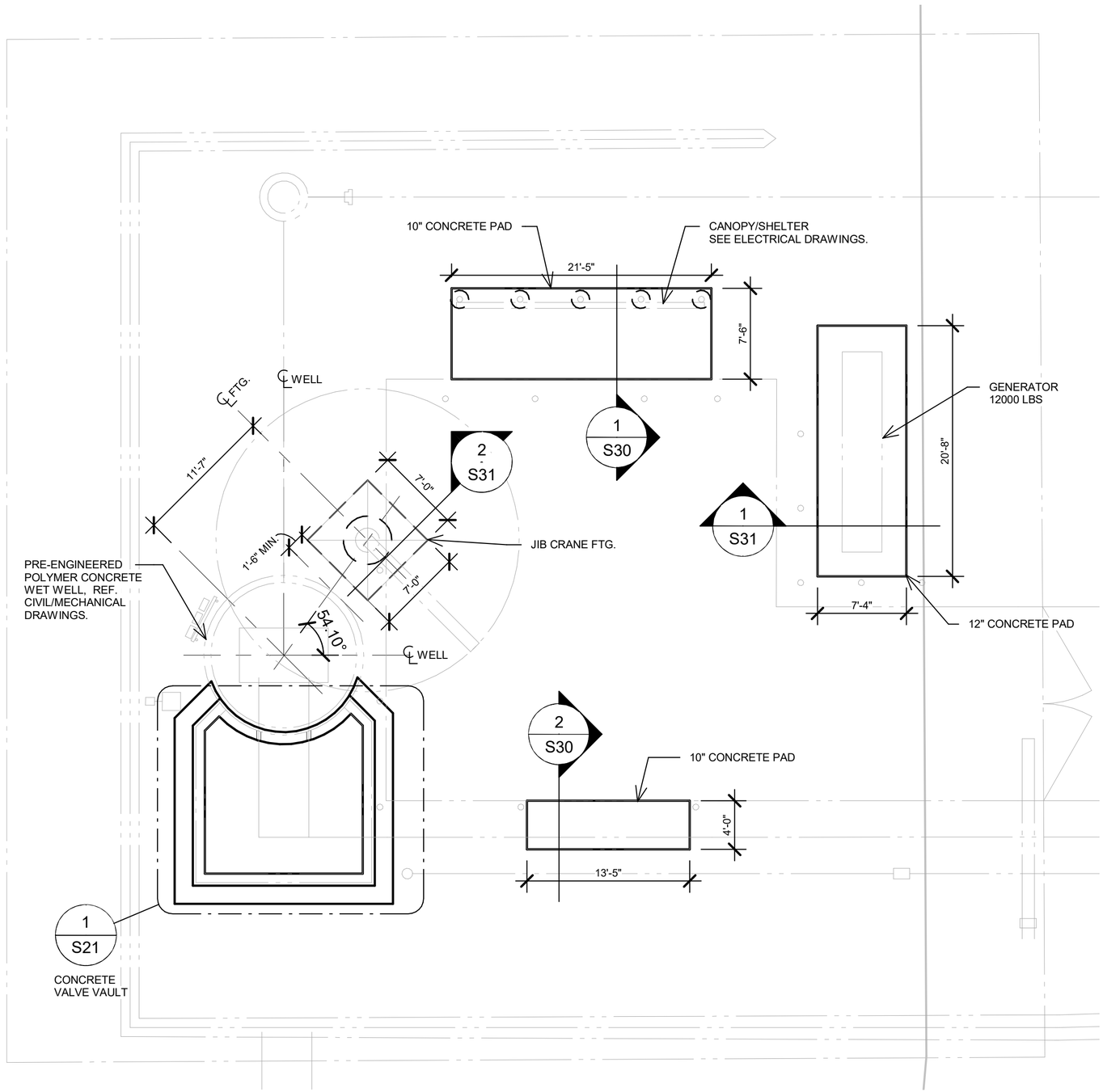
STRUCTURAL NOTES 11

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NOT TO SCALE
DATE	01/12/2024
DRAWING NO.	**S11**
SHEET NUMBER	44 OF 67



PLAN NOTES:

1. TOP OF GRATING ELEVATION AT CONCRETE VALVE VAULT = 0'-0", UNLESS NOTED OTHERWISE. ACTUAL ELEVATION 630'-9" = 0'-0".
2. REFER TO CIVIL DRAWINGS FOR TOP OF FINISH GRADE ELEVATIONS AROUND CONCRETE VALVE VAULT AND WET WELL.
3. TOP OF CONCRETE PADS SHOULD BE COORDINATED WITH CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS.
4. OVERALL DIMENSIONS OF CONCRETE PADS SHOULD BE COORDINATED WITH CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS, PRIOR TO CONSTRUCTION.
5. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION OR SITE PREPARETION.
6. JIB CRANE FOUNDATION HAS BEEN DESIGNED FOR A JIB CRANE MAXIMUM LIFTING CAPACITY OF 2 TONS.
7. ALL VALVE VAULT WALL PENETRATIONS SIZE AND ELEVATIONS SHOULD BE COORDINATED WITH CIVIL AND MECHANINCAL DRAWINGS PRIOR CONSTRUCTION.
8. VERIFY TOP OF WALL ELEVATIONS WITH CIVIL PRIOR TO CONSTRUCTION.

1 STRUCTURAL FOUNDATION PLAN - OVERALL

SCALE: 1" = 10'-0"

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

STRUCTURAL OVERALL

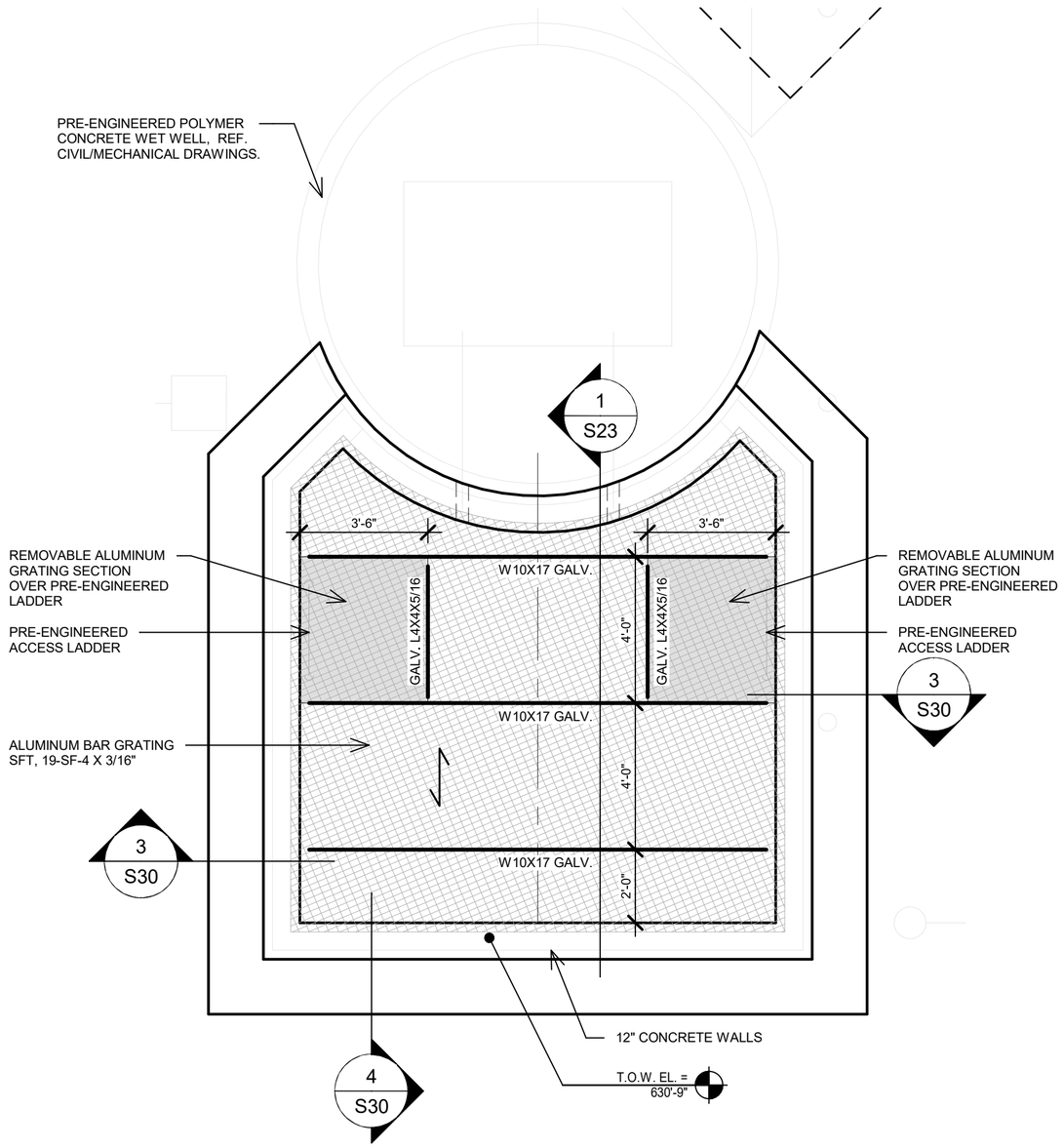
STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

SCALE	1" = 10'-0"
DATE	01/12/2024
DRAWING NO.	**S20**
SHEET NUMBER	45 OF 67



PLAN NOTES:

1. TOP OF GRATING ELEVATION AT CONCRETE VALVE VAULT = 0'-0", UNLESS NOTED OTHERWISE. ACTUAL ELEVATION 630'-9" = 0'-0".
2. REFER TO CIVIL DRAWINGS FOR TOP OF FINISH GRADE ELEVATIONS AROUND CONCRETE VALVE VAULT AND WET WELL.
3. TOP OF CONCRETE PADS SHOULD BE COORDINATED WITH CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS.
4. OVERALL DIMENSIONS OF CONCRETE PADS SHOULD BE COORDINATED WITH CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS, PRIOR TO CONSTRUCTION.
5. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION OR SITE PREPARETION.
6. JIB CRANE FOUNDATION HAS BEEN DESIGNED FOR A JIB CRANE MAXIMUM LIFTING CAPACITY OF 2 TONS.
7. ALL VALVE VAULT WALL PENETRATIONS SIZE AND ELEVATIONS SHOULD BE COORDINATED WITH CIVIL AND MECHANINCAL DRAWINGS PRIOR CONSTRUCTION.
8. VERIFY TOP OF WALL ELEVATIONS WITH CIVIL PRIOR TO CONSTRUCTION.

1 LIFT STATION/ VAULT PLAN AT GRADE

SCALE: 1/4" = 1'-0"

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

LIFT STATION/ VAULT PLAN AT GRADE

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

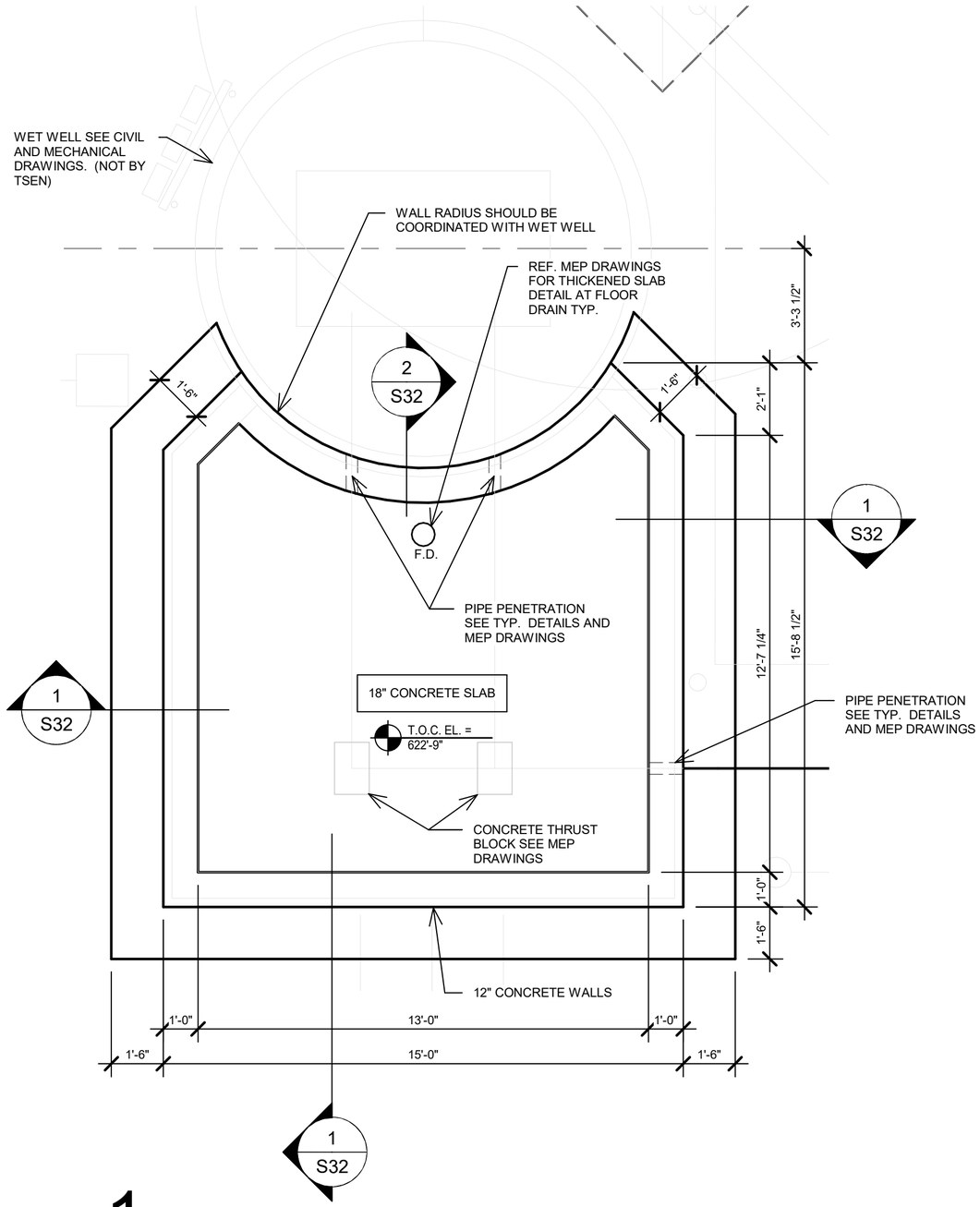
STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	1/4" = 1'-0"
DATE	01/12/2024
DRAWING NO.	**S21**
SHEET NUMBER	46 OF 67



1 LIFT STATION/ VAULT FLOOR PLAN

SCALE: 1/4" = 1'-0"

PLAN NOTES:

1. TOP OF GRATING ELEVATION AT CONCRETE VALVE VAULT = 0'-0", UNLESS NOTED OTHERWISE. ACTUAL ELEVATION 630'-9" = 0'-0".
2. REFER TO CIVIL DRAWINGS FOR TOP OF FINISH GRADE ELEVATIONS AROUND CONCRETE VALVE VAULT AND WET WELL.
3. TOP OF CONCRETE PADS SHOULD BE COORDINATED WITH CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS.
4. OVERALL DIMENSIONS OF CONCRETE PADS SHOULD BE COORDINATED WITH CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS, PRIOR TO CONSTRUCTION.
5. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION OR SITE PREPARETION.
6. JIB CRANE FOUNDATION HAS BEEN DESIGNED FOR A JIB CRANE MAXIMUM LIFTING CAPACITY OF 2 TONS.
7. ALL VALVE VAULT WALL PENETRATIONS SIZE AND ELEVATIONS SHOULD BE COORDINATED WITH CIVIL AND MECHANINCAL DRAWINGS PRIOR CONSTRUCTION.
8. VERIFY TOP OF WALL ELEVATIONS WITH CIVIL PRIOR TO CONSTRUCTION.

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

LIFT STATION/ VAULT FLOOR PLAN

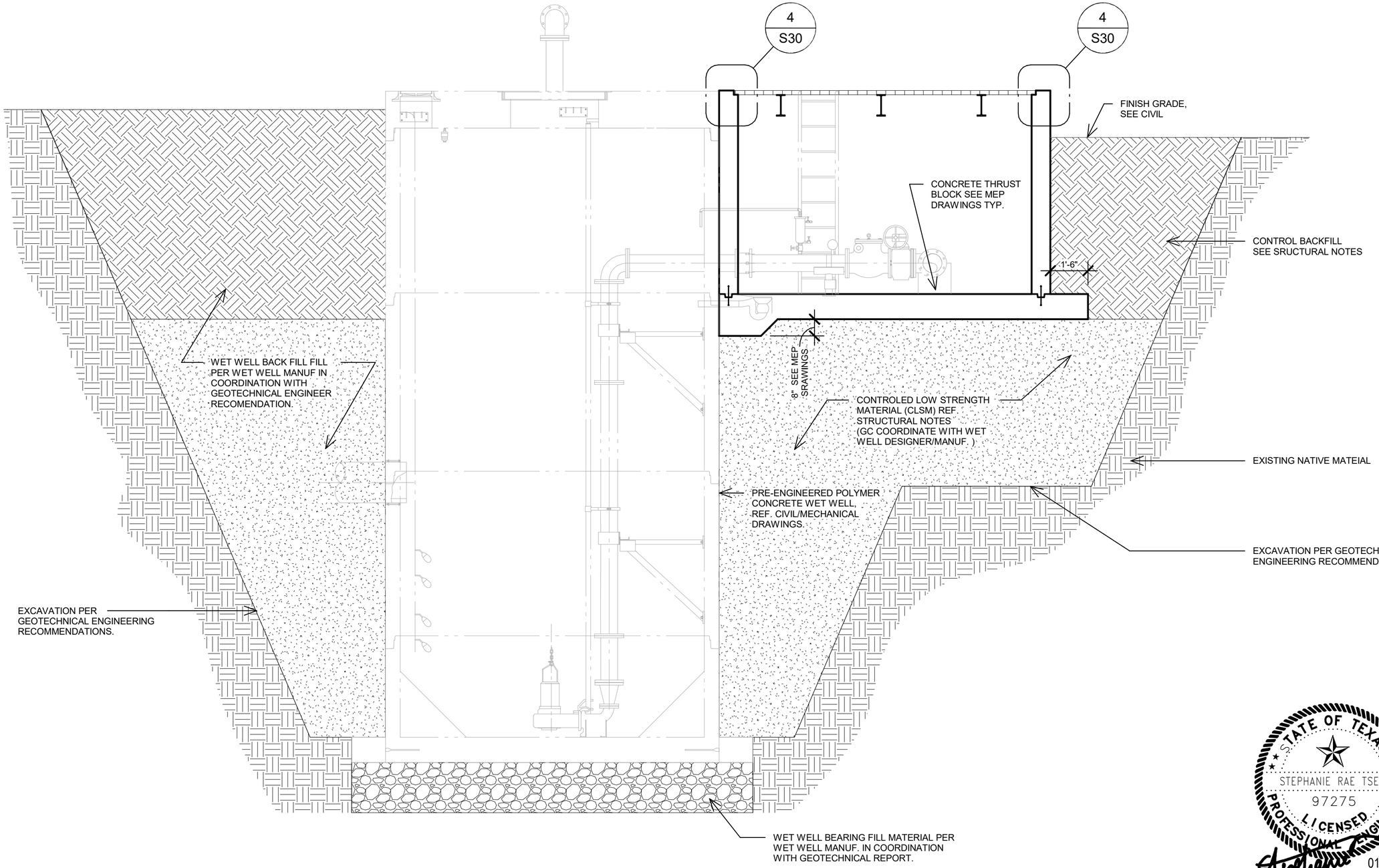
STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911
CITY OF HUTTO

SCALE	1/4" = 1'-0"
DATE	01/12/2024
DRAWING NO.	**S22**
SHEET NUMBER	47 OF 67



1 DETAIL

1/S21 SCALE: 1/4" = 1'-0"

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

HUTTO EMERGENCY WW IMPROVEMENTS

LIFT STATION - SECTION

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

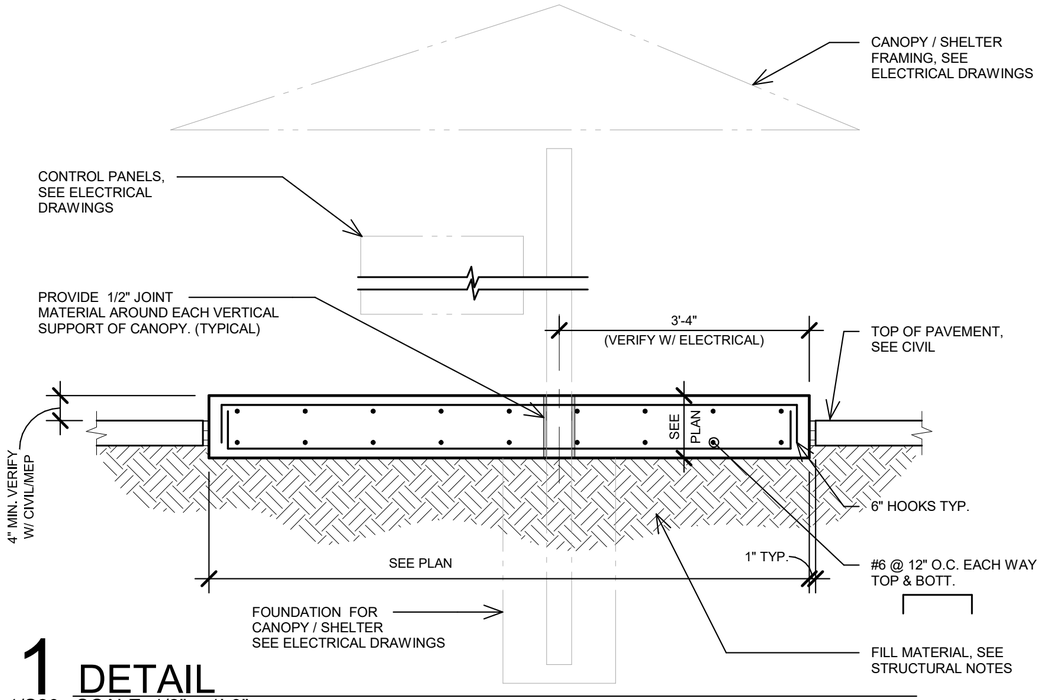
TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

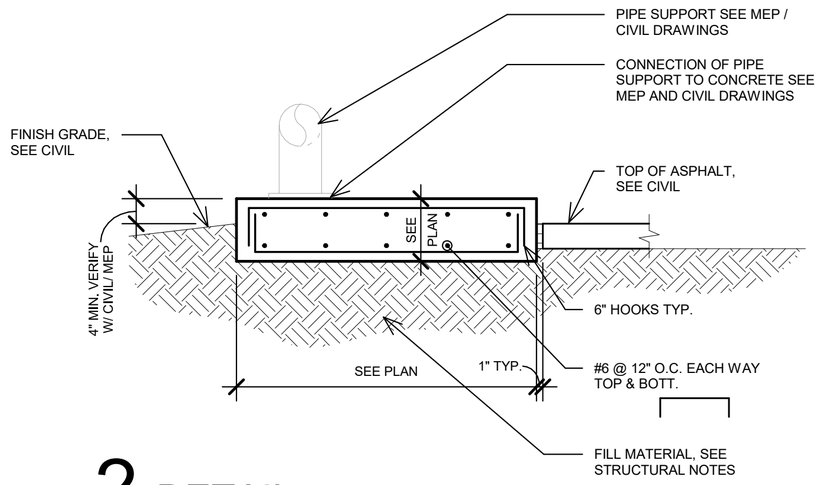
THE CITY OF HUTTO
INCORPORATED 1911

CITY OF HUTTO

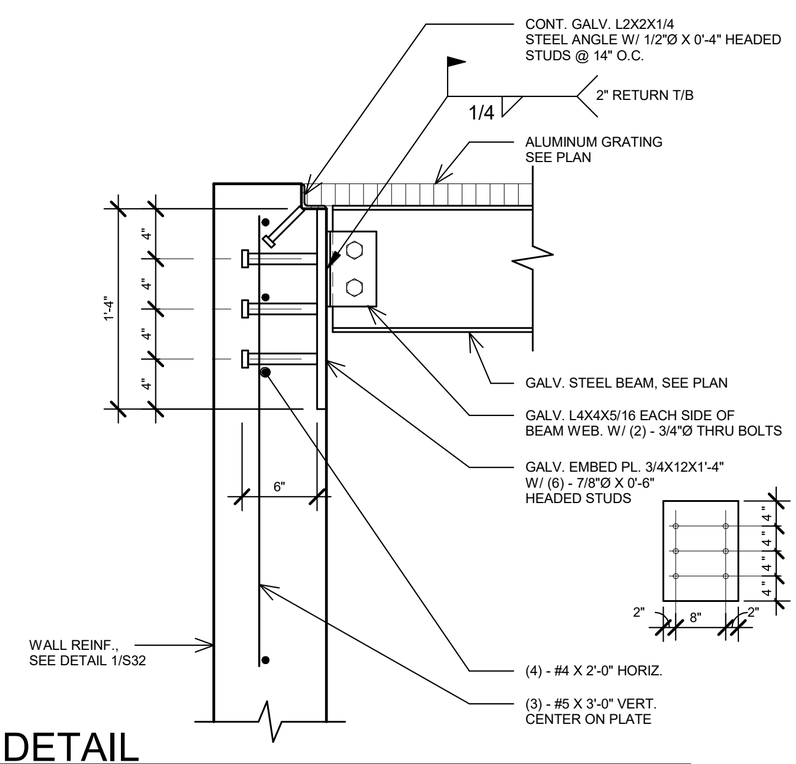
SCALE	1/4" = 1'-0"
DATE	01/12/2024
DRAWING NO.	**S23**
SHEET NUMBER	48 OF 67



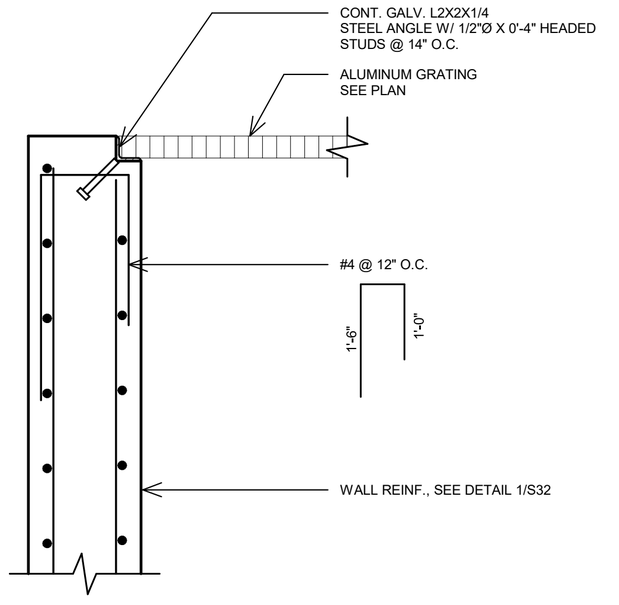
1 DETAIL
1/S20 SCALE: 1/2" = 1'-0"



2 DETAIL
1/S20 SCALE: 1/2" = 1'-0"



3 DETAIL
1/S21 SCALE: 1" = 1'-0"



4 DETAIL
1/S21 SCALE: 1" = 1'-0"

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO

HUTTO EMERGENCY WW IMPROVEMENTS

SECTIONS 1

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

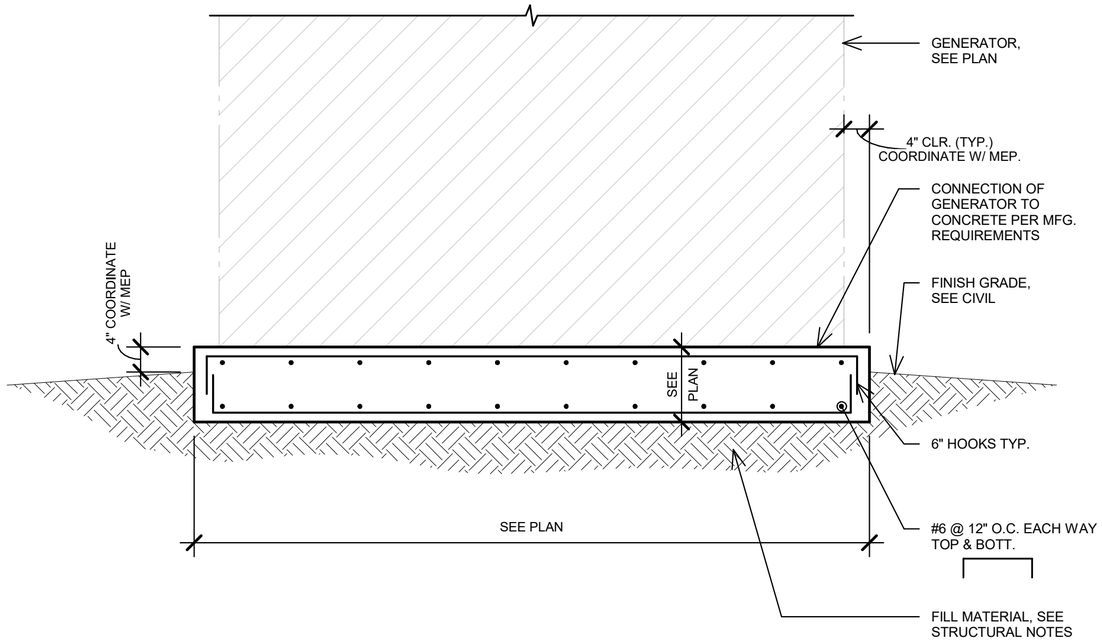
TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

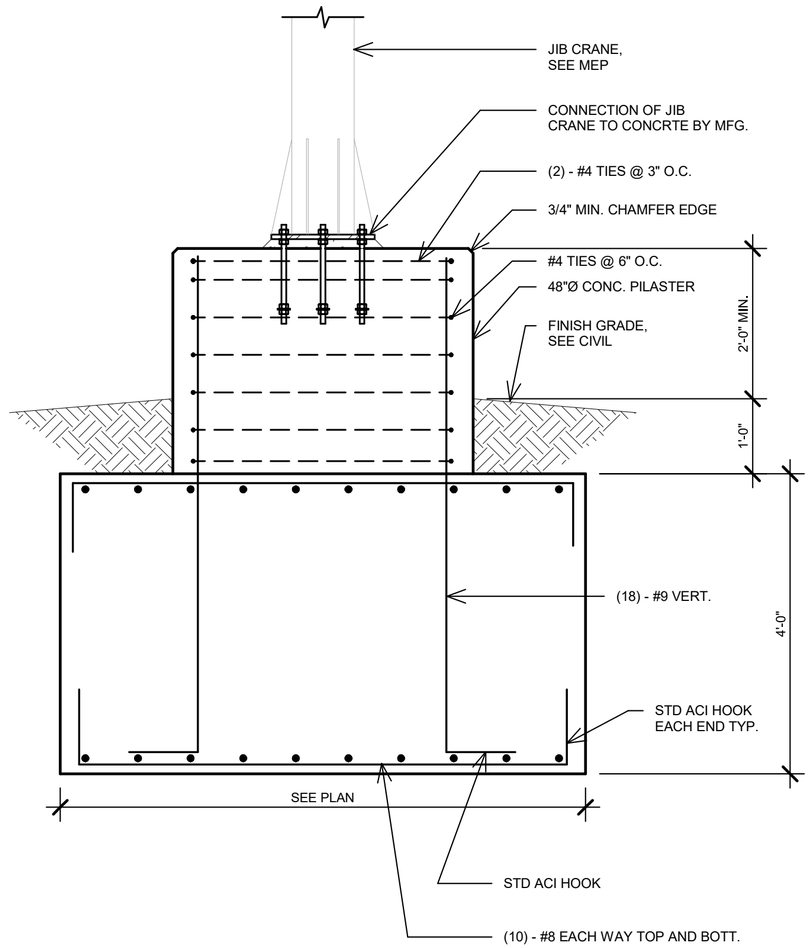
CITY OF HUTTO

SCALE	As indicated
DATE	01/12/2024
DRAWING NO.	**S30**
SHEET NUMBER	49 OF 67



1 DETAIL
1/S20 SCALE: 1/2" = 1'-0"

NOTE:
JIB CRANE FOOTING HAS BEEN DESINGED FOR
A MAXIMUM 2 TONS CRANE LOAD.



2 DETAIL
1/S20 SCALE: 1/2" = 1'-0"

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN-ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

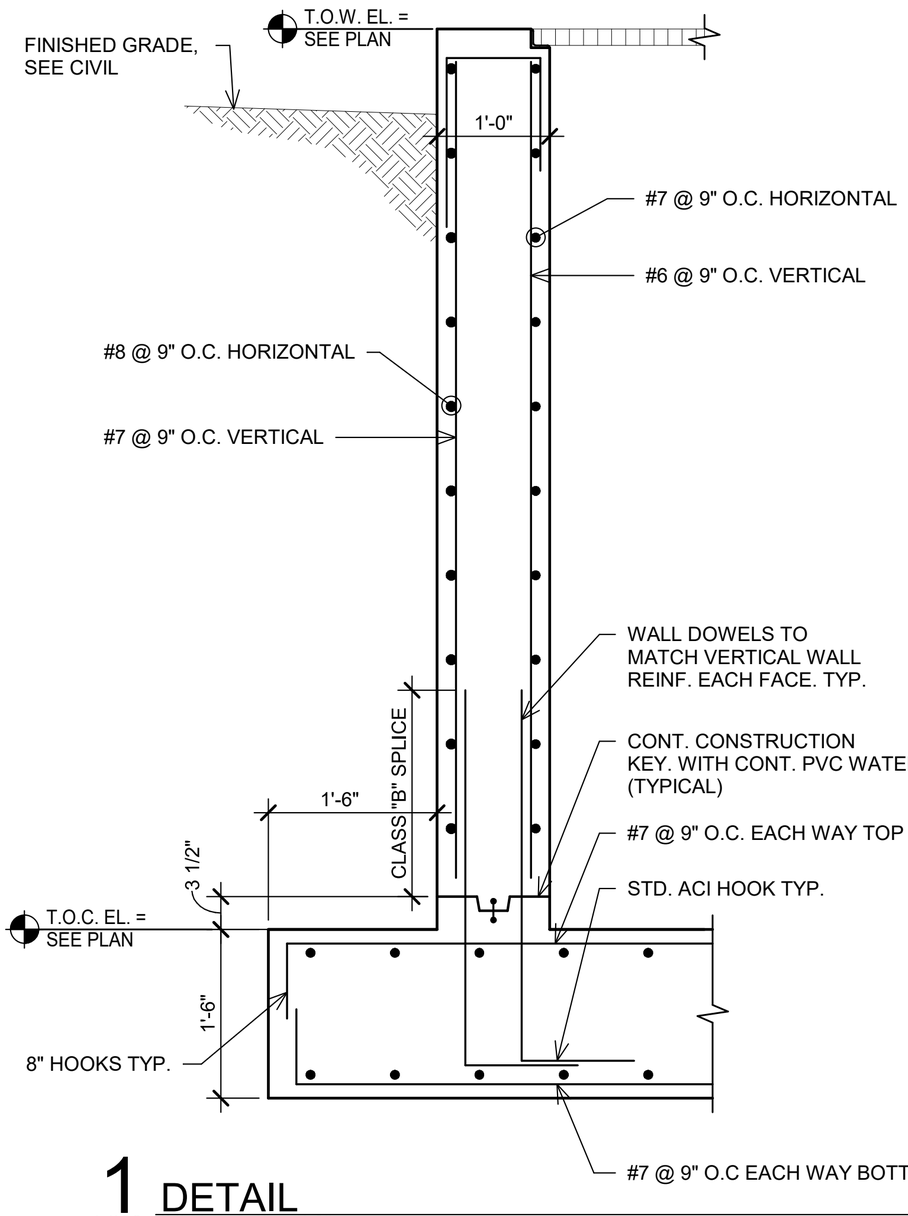
SECTIONS 2

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

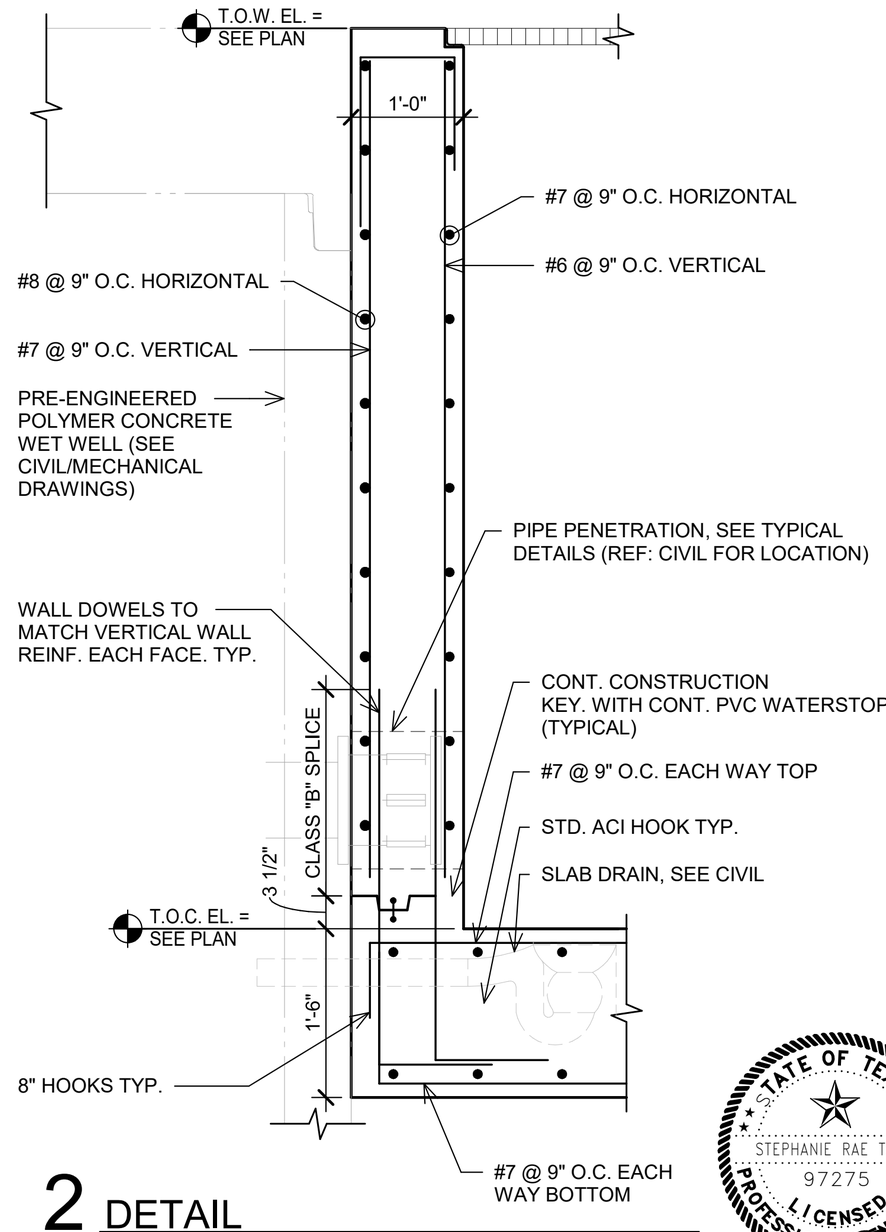
THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	1/2" = 1'-0"
DATE	01/12/2024
DRAWING NO.	S31
SHEET NUMBER	50 OF 67



1 DETAIL
1/S22 SCALE: 3/4" = 1'-0"



2 DETAIL
1/S22 SCALE: 3/4" = 1'-0"

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN·ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

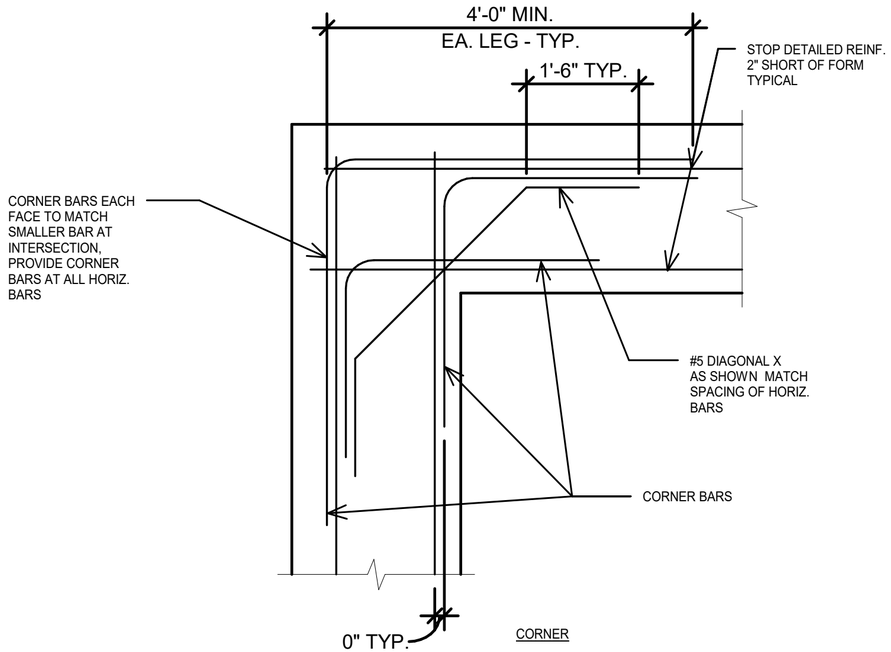
SECTIONS 3

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911

CITY OF HUTTO

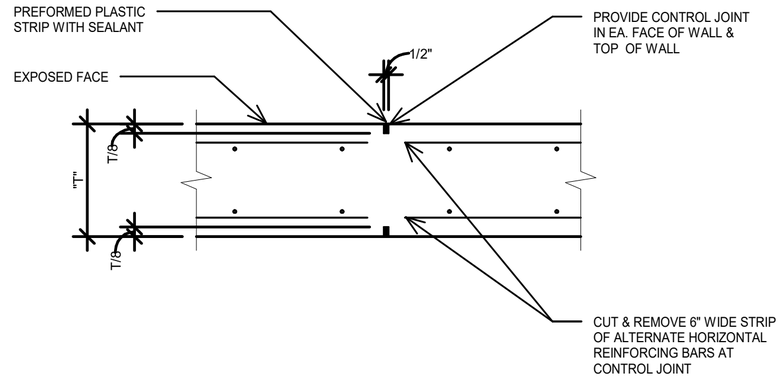
SCALE	3/4" = 1'-0"
DATE	01/12/2024
DRAWING NO.	**S32**
SHEET NUMBER	51 OF 67



CORNER

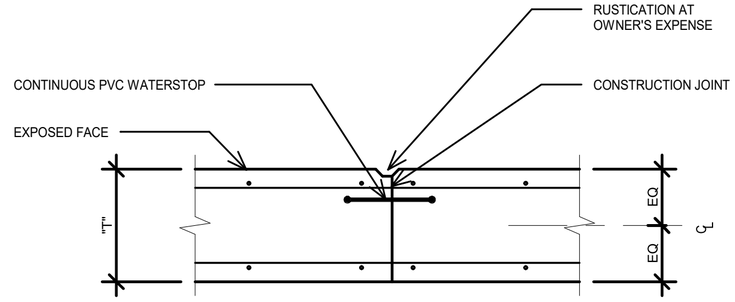
1 TYPICAL CORNER BARS AT WALL INTERSECTION DETAIL

NO SCALE



CONTROL JOINT

CONTROL JOINT SHOULD BE SPACED AT
20'-0" MAX.
PROVIDE A CONTROL JOINT WITHIN 10 FEET
OF CORNERS OR CHANGE IN WALL DIRECTION.



CONSTRUCTION JOINT

CONSTRUCTION JOINTS SHOULD BE COORDINATE
WITH CONTROL JOINT LOCATION.
CONSTRUCTION JOINTS SHOULD BE SPACED AT 40'-0" MAX.

2 TYPICAL WALL CONTROL AND CONSTRUCTION JOINTS DETAIL

NO SCALE

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN-ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

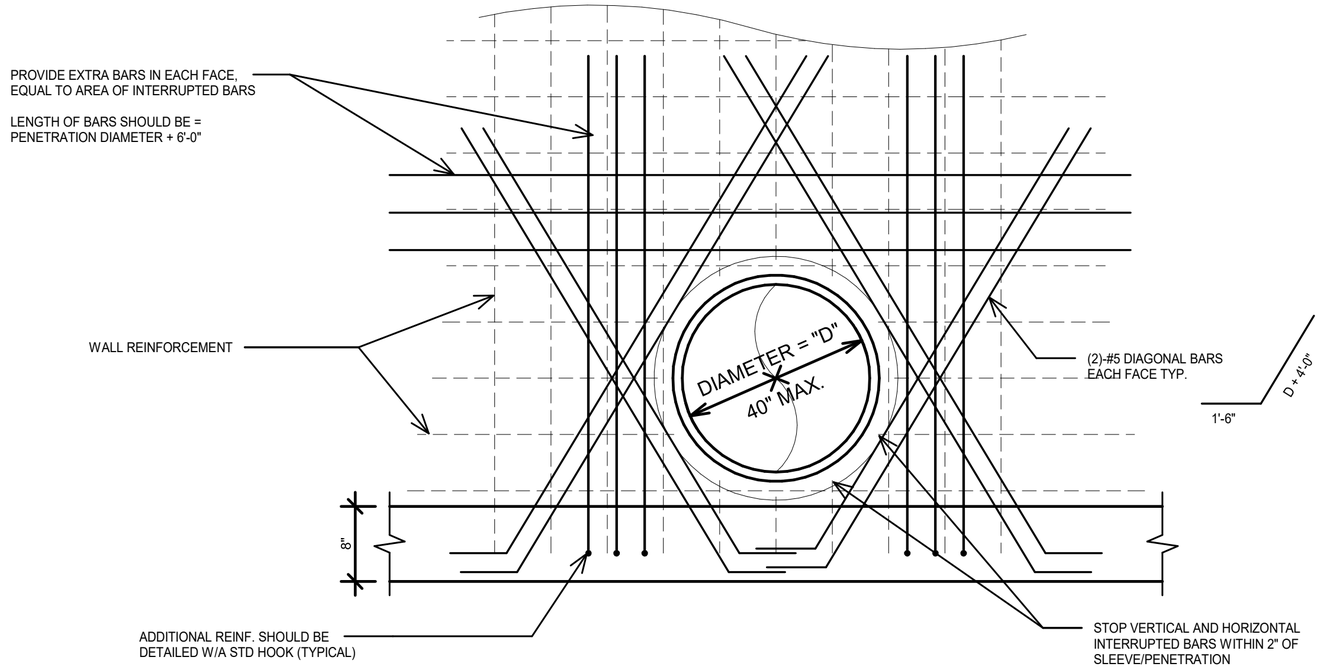
CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

TYPICAL DETAILS 1

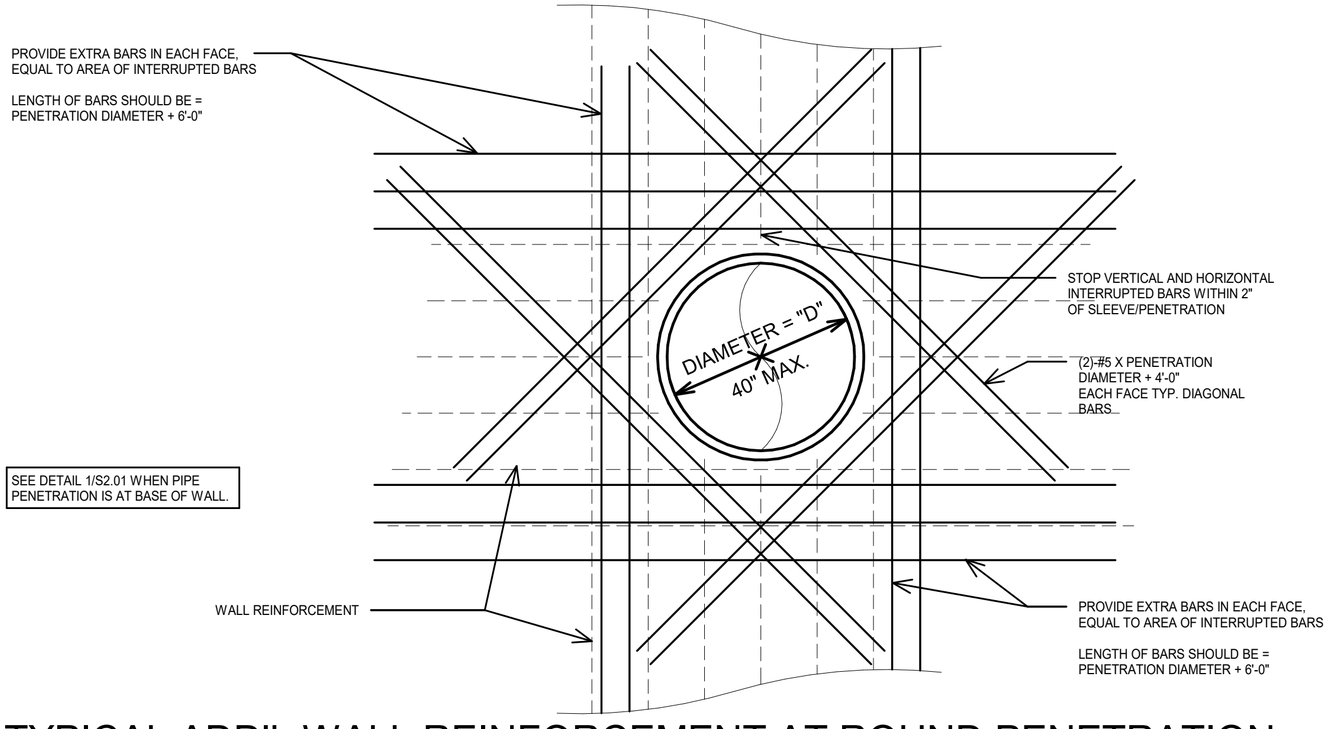
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	3/4" = 1'-0"
DATE	01/12/2024
DRAWING NO.	**S40**
SHEET NUMBER	52 OF 67



1 TYPICAL ADD'L WALL REINFORCEMENT AT ROUND PENETRATION AT BASE OF WALL
NO SCALE



2 TYPICAL ADD'L WALL REINFORCEMENT AT ROUND PENETRATION
NO SCALE

REV. NO.	BY	DATE	REVISION DESCRIPTION

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

CITY OF HUTTO
HUTTO EMERGENCY WW IMPROVEMENTS

TYPICAL DETAILS 2

STATE OF TEXAS
STEPHANIE RAE TSEN
97275
LICENSED
PROFESSIONAL ENGINEER
01/12/2024

TSEN-ENGINEERING
TPBE Firm F-12778
210 Barton Springs Rd. Ste. 250 Austin, TX 78704
(512) 474 4001
Project # 9220061

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911

CITY OF HUTTO

SCALE	3/4" = 1'-0"
DATE	01/12/2024
DRAWING NO.	S41
SHEET NUMBER	53 OF 67

PLAN SYMBOLS

LE LT	LEVEL TRANSDUCER; LEVEL TRANSMITTER
FE FT	FLOW TRANSDUCER; FLOW TRANSMITTER
PE PT	PRESSURE TRANSDUCER; PRESSURE TRANSMITTER
FIRQ	FLOW INDICATING RECORDER WITH TOTALIZER
ZS	LIMIT SWITCH
SV	SOLENOID VALVE
FS	FLOW SWITCH
DS	DOOR OPERATED LIMIT SWITCH
TB1	TERMINAL BOX WITH DESIGNATION, NEMA 3R
VFD	VARIABLE FREQUENCY DRIVE
PB	PB = ELECTRICAL POWER PULL BOX OR MANHOLE
PH	PH = ELECTRICAL POWER HAND HOLE
HH	HH = ELECTRICAL POWER HAND HOLE
D	WALL MOUNTED EXTERIOR LIGHTING FIXTURE WITH DESIGNATION IN CENTER
B	POLE MOUNTED LED CUTOFF EXTERIOR LIGHTING FIXTURE
TC PC	LIGHTING CONTROLS: TC: TIME CLODK PC: PHOTOCELL MOUNT AS INDICATED ON PLANS
RTU	REMOTE TERMINAL UNIT
	ANTENNA
R	PILOT LIGHT. COLOR INDICATED.
	EMERGENCY PUSHBUTTON – RED MOMENTARY PUSHBUTTON WITH EXTENDED GUARD AND PUSH–TO–TEST PILOT LIGHT.
SS	SELECTOR SWITCH: HOA = HAND–OFF AUTO OOT = ON–OFF–TEST LOR = LOCAL–OFF–REMOTE SS = START–STOP K = KEY OPERATED MOR = MANUAL–OFF–REMOTE PROVIDE SS ENCLOSURE WHEN SHOWN AT EXTERIOR LOCATIONS.

	CONDUIT ROUTED UNDERGROUND OR IN FLOOR SLAB.
	EXPOSED OR CONCEALED CONDUIT CONDUIT ABOVE FLOOR
3#10(P), 1#10(G), 3/4"C.	CONDUIT & WIRE DESIGNATION, E.G., 3 #10 POWER, 1 #10 (G) IN ¾" CONDUIT; (P)=POWER; (C) = CONTROL; (G) = GROUND; (A) = ALARM; (SH) = SPACE HEATER; (I) = INSTRUMENTATION; (SP) = SPARE WIRES (EC) = EMPTY CONDUIT
	CONDUIT TURNING DOWN
	CONDUIT TURNING UP
	CONDUIT WITH TWISTED PR SHIELDED CABLE. SHOWN ABOVE FINISH FLOOR OR GRADE AND SHOWN BELOW.
	WIRING IN CONDUIT. SHORT LINES INDICATE HOT WIRES; LONG LINE INDICATES NEUTRAL; SEE SYMBOL BELOW FOR GROUND WIRE, #12 AWG TYPE THWN UON
	GROUND WIRE. IN CONDUIT.
	SWITCH WIRE. IN CONDUIT.
	HOT, NEUTRAL & GROUND, DENOTES THE LIMITS OF SWITCHING WHEN SHOWN BETWEEN ROOMS ON LIGHTING PLANS
	GROUND WIRE. BARE COPPER. UNDERGROUND.
RTU RTU	HOMERUN TO RTU, BELOW FLOOR/GRADE AND ABOVE.
MCC MCC	HOMERUN TO MCC, BELOW FLOOR/GRADE AND ABOVE.
B1–P	CONDUIT AND WIRE DESIGNATION.
Z	KEYNOTE REFERENCE
75	MOTOR CONNECTION. HP INDICATED. AS SHOWN ON PLAN DWG.
	FLEXIBLE CONDUIT OR PORTABLE CABLE
	ENCLOSURE
	MOTOR CONTROL CENTER. NO. OF SECTIONS INDICATED.
	DISCONNECT SWITCH.
J JB	JUNCTION BOX
	GROUND ROD. 3/4" X 10'–0"

RECEPTACLES:

- 120 VOLT, 20A, 2 POLE, GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE. PROVIDE WITH SS WEATHERPROOF COVER AND SS BACKBOX WHEN SHOWN AT EXTERIOR LOCATIONS.
- 120 VOLT, 20A, 2 POLE, GROUNDING DUPLEX CONVENIENCE OUTLET OR RECEPTACLE.
- HEAT TRACE NON–GFCI, 120 VOLT, 20A, 2 POLE, GROUNDING WEATHERPROOF SIMPLEX DEDICATED OUTLET OR RECEPTACLE.

CIRCUIT DESGINATION AS SHOWN; "LV" DENOTES PANEL.. "XX" DENOTES CIRCUIT NUMBER.

LV–XX	
M	MANUAL MOTOR SWITCH WITH THERMAL OVERLOADS AND PILOT LT.; (PROVIDE SS BACKBOX & SS WP COVER WHEN SHOWN ON EXTERIOR)
WP	SPST SWITCH WHEN SHOWN ON LIGHTING PLANS DENOTES SWITCHING FOR THAT SAME ROOM, WHICH IT IS SHOWN; OR SS WEATHERPROOF SWITCH WITH PILOT LT PROVIDE WITH SS (STAINLESS STEEL) BACKBOX AND SS WP COVER.
	LOW VOLTAGE (120/208V)
	HIGH VOLTAGE (277/480V)
	TRANSFORMER – SEE ONE LINE FOR SIZE

ONE LINE DIAGRAM SYMBOLS

3P–20A	CIRCUIT BREAKER, THERMAL MAGNETIC, RATING AND NUMBER OF POLES AS SHOWN.
SSM	SOLID STATE METERING UNIT.
SP TVSS	SURGE PROTECTION/TRANSIENT VOLTAGE SURGE SUPPRESSOR
480 V 15 KVA 120/240V	POWER TRANSFORMER. RATING AND PRIMARY AND SECONDARY VOLTAGES AND WINDING CONNECTIONS INDICATED.
1200:5	CURRENT TRANSFORMER. TURNS RATIO AND NUMBER REQ'D. AS INDICATED.
75	MOTOR. HP INDICATED. AS SHOWN ON ONE–LINE DIAGRAM.
TDR	TIME DELAY RELAY
R	PHASE MONITOR
3 HMCP	FULL VOLTAGE , NON REVERSING (FVNR) COMBINATION MAGNETIC MOTOR STARTER WITH MOTOR CIRCUIT PROTECTOR (HMCP) DISCONNECT, AND THERMAL OVERLOADS. NEMA SIZE SHOWN. (WHEN SHOWN GRAY SCALED WITH DASHED LINES, PROVIDE SPARE SPACE IN MCC FOR FUTURE DEVICE, SIZE AS SHOWN))
IC HMCP OC	SOFT START – SOLID STATE NON–REVERSING STARTER WITH MOTOR CIRCUIT PROTECTOR DISCONNECT, MAIN FUSE AND ISOLATING CONTACTOR. (WHEN SHOWN GRAY SCALED WITH DASHED LINES, PROVIDE SPARE SPACE IN MCC FOR FUTURE DEVICE, SIZE AS SHOWN))
TSH MSH	MOTOR TEMPERATURE SWITCH; MOTOR SPACE HEATER
	PUSHBUTTON – START/STOP UNLESS OTHERWISE NOTED
	SELECTOR SWITCH
R	PILOT LIGHT. COLOR INDICATED.
ETM	ELAPSED TIME METER
HOA	HAND–OFF–AUTO SELECTOR SWITCH
PC	PHOTOCELL
KWH	POWER COMPANY KILOWATT HOUR METER
200AF/ 60AT	FUSED SWITCH. RATING AS FOLLOWS: • AF: FRAME SIZE • AT: TRIP RATING
	COMBINATION FUSIBLE DISCONNECT/STARTER. PROVIDE MINIMUM NEMA SIZE 1 STARTER & FUSE PER MOTOR MFPR'S RECOMMENDATIONS
LSLL	FLOAT LEVEL SWITCH. DESIGNATION AS FOLLOWS: • LSH: HIGH LEVEL • LSHR: HIGH LEVEL RESET • LSLR: LOW LEVEL RESET • LSL: LOW LEVEL
	AUTOMATIC TRANSFER SWITCH WITH OPEN/DELAYED TRANSITION
GEN	GENERATOR
1200AF/3P/1000AT SST LSIG K	SOLID STATE CIRCUIT BREAKER WITH L=LONG TIME, S=SHORT TIME, I=INSTANTANEOUS AND G=GROUND FAULT PROTECTION SETTINGS. K=KIRK KEY INTERLOCK. PROVIDE FACTORY ENGINEERED STUDY AND SETTINGS BY AN APPROVED CIRCUIT BREAKER TESTING COMPANY.

SCHEMATIC DIAGRAM SYMBOLS

	MOTOR SPACE HEATER
CRX	NORMALLY OPEN RELAY CONTACT. RELAY NUMBER INDICATED
CRX	NORMALLY CLOSED RELAY CONTACT. RELAY NUMBER INDICATED
OL	MOTOR STARTER OVERLOAD. OPENS ON OVERCURRENT
	TEMPERATURE SWITCH. CLOSES ON FALLING TEMPERATURE.
H O A XOO XOO	3 POSITION SELECTOR SWITCH. MAINTAINED CONTACT TYPE. • H–O–A = HAND–OFF–AUTO; • M–O–R = MANUAL–OFF REMOTE • L–O–R = LOCAL–OFF–REMOTE • XOO = CONTACT STATE AT EACH POSITION
	MOMENTARY CONTACT TYPE PUSHBUTTONS. NORMALLY OPEN; AND NORMALLY CLOSED.
	SPST TOGGLE SWITCH
	DPST TOGGLE SWITCH
	PANEL TERMINAL BLOCK DESIGNATIONS: • TERMINAL FOR CONTROL WIRING IN RTU PANEL • TERMINAL FOR I/O WIRING IN CONTROL PANEL • TERMINAL IN MOTOR CONTROL CENTER OR INDIVIDUAL STARTER • TERMINAL FOR WIRING AT EQUIPMENT CONTROL PANEL
PMR	PHASE MONITOR AUXILIARY RELAY CONTACT. OPENS ON PHASE FAILURE.
	WIRING REMOTE FROM CONTROL PANELS
	WIRING INSIDE OF CONTROL PANELS
	CONNECTION.
	NO CONNECTION.
ON R	PILOT LIGHT. PUSH–TO–TEST. COLOR INDICATED.
CRX CR	RELAY COIL.
MS M	MOTOR STARTER COIL.
TDR TR TDR	TIME DELAY RELAY. ON OR OFF DELAY AS NOTED.
ETM	ELAPSED TIME METER
H1 H3 X1 X2	CONTROL POWER TRANSFORMER – 480 VOLT PRIMARY, 120 VOLT SECONDARY.
	FUSE
	SHIELDED TWISTED PR. #18 INSTRUMENTATION WIRE WITH SHIELD COILED AND TAPED
	SHIELDED TWISTED PR. #18 INSTRUMENTATION WIRE WITH SHIELD CONNECTED TO GROUNDED TERMINAL
	GROUND CONNECTION
	FLOAT LEVEL SWITCH. CLOSES ON RISING LEVEL.
	FLOAT LEVEL SWITCH. OPENS ON RISING LEVEL.

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL COMPLY WITH LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND THE LOCAL AUTHORITY HAVING JURISDICTION.
2. COMPLY FULLY WITH ALL LAWS AND CODES COVERING THE WORK AND PROVIDE COMPLETE INSTALLATIONS AS REQUIRED BY SAID LAWS AND CODES. ALL MATERIALS FURNISHED, LABOR PERFORMED, ARRANGEMENTS OF SYSTEM, SIZES OF COMPONENTS, AND ALL OTHER FEATURES OF ALL ELECTRICAL WORK SHALL BE IN STRICT ACCORDANCE WITH MUNICIPAL AND STATE CODES, LAWS AND REGULATIONS, RULES OF NEC, OSHA AND/OR OTHER AUTHORITIES THAT MAY HAVE JURISDICTION PERTAINING TO THE WORK.
3. ALL NECESSARY PERMITS, LICENSES, CERTIFICATES, TESTS, ETC. SHALL BE PROCURED AND PAID FOR BY THE CONTRACTOR.
4. IN ALL CASES OF DIFFERENCE BETWEEN MINIMUM REQUIREMENTS OF THE VARIOUS LAWS, CODES, AND AUTHORITIES, IT IS THE INTENT THAT THE WORK SHALL EXCEED THE LESSER REQUIREMENTS WHILE MEETING THE GREATER OR MORE STRINGENT REQUIREMENTS.
5. INSPECT PROJECT SITE IN ORDER TO DETERMINE THE SCOPE AND CHARACTER OF THE ELECTRICAL WORK REQUIRED UNDER THE CONTRACT INCLUDING THE EXTENT AND EFFECT OF EXISTING SYSTEMS.
6. ALL WIRING SHALL BE COPPER CONDUCTOR, MINIMUM #12 AWG, FOR POWER AND LIGHTING WITH TYPE THW, XHHW, THWN OR THHN INSULATION. ALL WIRING SHALL BE COLOR CODED PER THE SPECIFICATION REQUIREMENTS. THE WIRING FOR EQUIPMENT GROUND WIRES SHALL HAVE GREEN COLOR INSULATION.
7. CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AND TO CONFIRM THAT THE WORK IS BUILDABLE AS SHOWN AND MEETS ALL APPLICABLE CODES BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER BEFORE PROCEEDING WITH THE WORK IN QUESTION OR WITH RELATED WORK.
8. ALL MATERIALS FURNISHED UNDER THIS CONTRACT SHALL BE NEW UNLESS OTHERWISE NOTED. ALL WORK SHALL BE GUARANTEED AGAINST DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION OR ACCEPTANCE OF THE WORK. THE CONTRACTOR SHALL REPAIR OR REPLACE, AT HIS OWN EXPENSE, WHEN ORDERED TO DO SO, ALL WORK THAT MAY DEVELOP DEFECTS IN MATERIAL OR WORKMANSHIP WITHIN SAID PERIOD OF TIME.
9. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS FOR SERVICE INTENDED, AS INTERPRETED BY THE ENGINEER. THE INSTALLATION OF ALL EQUIPMENT SHALL BE MADE BY EXPERIENCED CRAFTSMAN IN A NEAT, WORKMANLIKE MANNER. ALL MATERIALS, TOOLS, COSTS AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL ELECTRICAL WORK SHALL BE PROVIDED BY THE CONTRACTOR.
10. IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE ELECTRICAL INSTALLATION THAT IS COMPLETE. ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLY INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN IN THE CONSTRUCTION DOCUMENTS SHALL BE PROVIDED.
11. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE AND MISALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS, AND GOOD CONSTRUCTION PRACTICES. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO PROTECT ALL EXISTING OPERATIONS AND PROPERTY ADJACENT, WITH WHICH WORK COMES IN CONTACT, OR OVER OR UNDER WHICH HE MAY TRANSPORT, HOIST, OR MOVE MATERIALS, EQUIPMENT, DEBRIS, ETC., AND SHALL REPAIR SATISFACTORILY ALL DAMAGED CAUSED BY HIM DURING CONSTRUCTION.
13. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OWNER–PROVIDED EQUIPMENT FOR ELECTRICAL POWER REQUIREMENTS AND COMMUNICATIONS REQUIREMENTS FOR ALL EQUIPMENT INSTALLED IN THIS PROJECT.
14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STUDY ALL DOCUMENTS AND PROVIDE ALL LABOR AND MATERIALS FOR COMPLETE AND OPERABLE SYSTEMS AS DESIGNED, DESCRIBED, IMPLIED AND SHOWN ON THESE DOCUMENTS. HE SHALL NOT BASE HIS BID SOLEY ON EQUIPMENT COUNTS SHOWN ON DRAWINGS, BUT THE DRAWINGS, SPECIFICATIONS AND THE INTENDED OR SPECIFIED PERFORMACE AS A WHOLE PACKAGE. HE IS RESPONSIBLE FOR PROVIDING HIS EQUIPMENT SUPPLIERS WITH HIS OWN TAKE–OFF OF REQUIRED EQUIPMENT FOR THE PROJECT.

ABBREVIATIONS

A	AMPERES	EF	EXHAUST FAN	MCP	MOTOR CIRCUIT PROTECTOR	SSMU	SOLID STATE METERING UNIT
AC	ALTERNATING CURRENT	ETM	ELAPSED TIME METER	MCB	MAIN CIRCUIT BREAKER	SST	SOLID STATE TRIP UNIT
AF	AMPS FRAME – CIRCUIT BREAKER FRAME SIZE	EXIST	EXISTING	MSB	MAIN SWITCHBOARD	ST	SINGLE THROW
AF	AMPS FUSE – FUSEED SWITCH	F	FUSE	NATS	NON–AUTOMATIC TRANSFER SWITCH	TDR	TIME DELAY RELAY
AFF	MOUNTING HEIGHT ABOVE FINISHED FLOOR	FDR	FEEDER	NC	NORMALLY CLOSED CONTACT	TR	TIMING RELAY
AFG	MOUNTING HEIGHT ABOVE FINISHED GRADE	FIXT	FIXTURE	NF	NON–FUSED	T/S	TWISTED/SHIELDED
AG	ABOVE GRADE	GEN	GENERATOR	NO	NORMALLY OPEN CONTACT	TU	TEXAS ELECTRIC UTILITIES
AIC	FAULT CURRENT INTERRUPTING CAPACITY	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	OL	OVERLOAD	UG	UNDERGROUND
AT	AMPS TRIP – CIRCUIT BREAKER TRIP SETTING/RATING	GND	GROUND	OEU	ONCOR ELECTRIC UTILITY	UON	UNLESS OTHERWISE NOTED
ATS	AUTOMATIC TRANSFER SWITCH	GWP	WEATHERPROOF GFCI	PB	PULLBOX OR PUSHBUTTON	VM	VOLTMETER
AWG	AMERICAN WIRE GAUGE	HP	HORSEPOWER	PR	PAIR	VFC	VARIABLE FREQUENCY CONTROLLER
BKR	BREAKER	HT	HEIGHT – ABOVE FINISH FLOOR OR GRADE	PL	PILOT LIGHT	VFD	VARIABLE FREQUENCY DRIVE
C	CONDUIT	HMCP	MOTOR CIRCUIT PROTECTOR	PNL	PANEL	WP	WEATHERPROOF
COA	CITY OF AUSTIN	HZ	FREQUENCY IN HERTZ – CYCLES PER SEC.	PP	POWER POLE	WW	WATER AND WASTEWATER UTILITY
CB	CIRCUIT BREAKER	INST	INSTRUMENT	PS	PRESSURE SWITCH	XFER	TRANSFER
CKT	CIRCUIT	JB	JUNCTION BOX	PT	POTENTIAL TRANSFORMER	XFMR	TRANSFORMER
CP	CONTROL PANEL	KWH	KILOWATT HOURS	PVC	POLYVINYL CHLORIDE CONDUIT OR COATING	XMTR	TRANSMITTER
CPT	CONTROL POWER TRANSFORMER	LC	LIGHTING CONTACTOR	PW	PULLWIRE	3PDT	THREE POLE DOUBLE–THROW
CR	CONTROL RELAY	LP	LIGHTING PANEL	RGS	RIGID GALVANIZED STEEL		
CT	CURRENT TRANSFORMER	LV	LOW VOLTAGE	SDO	SIMPLEX DEDICATED OUTLET		
DCO	DUPLEX CONVENIENCE OUTLET	MC	MAIN CONTACTOR	SP	SPARE		
EC	ELECTRICAL CONTRACTOR	MCC	MOTOR CONTROL CENTER	SS	STAINLESS STEEL		

REV. NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER–ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II–100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

ELECTRICAL LEGEND

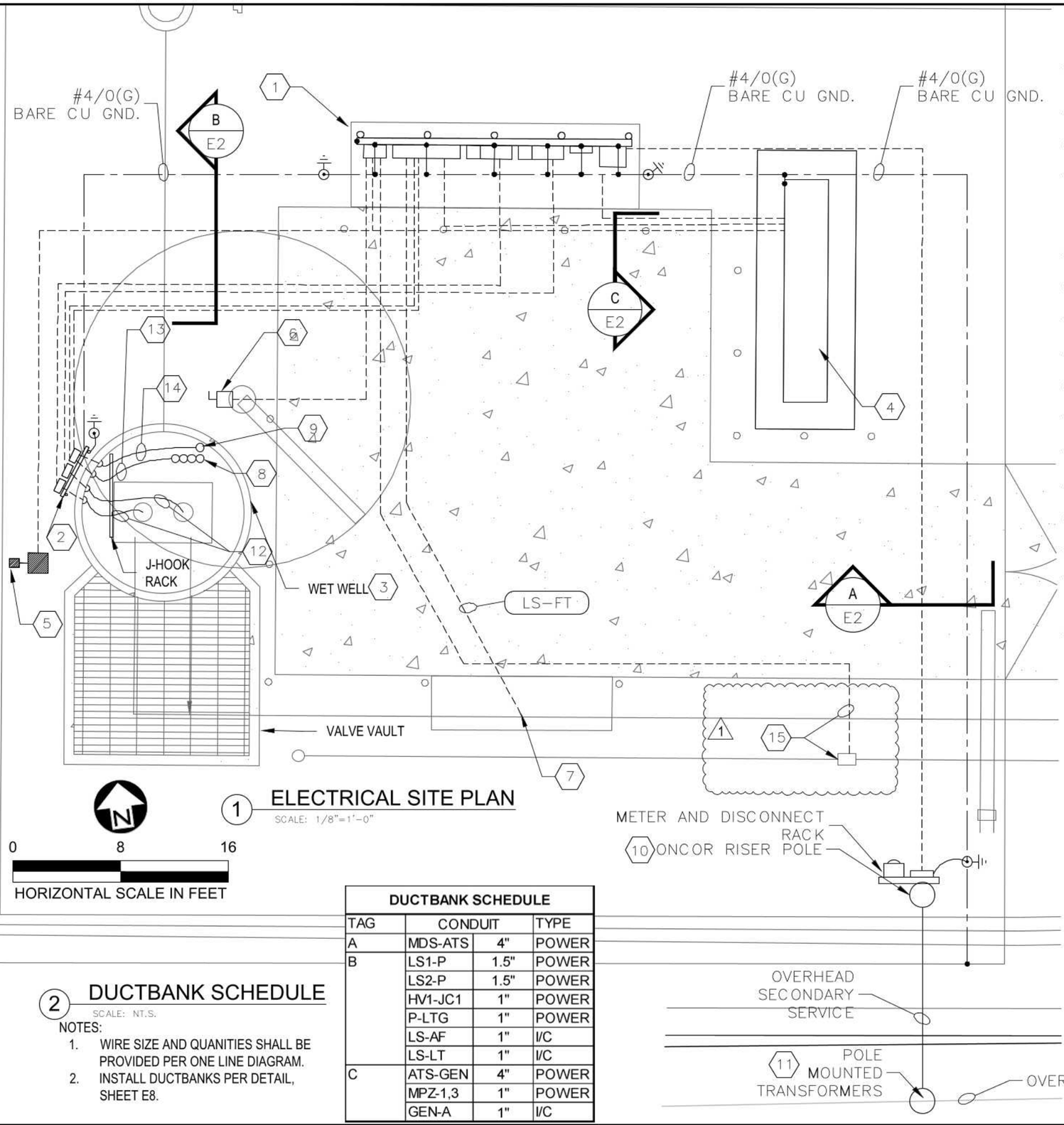
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911

CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E1
SHEET NUMBER	53 OF 66

JRSA ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F–3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452–8789



1 ELECTRICAL SITE PLAN
SCALE: 1/8"=1'-0"

2 DUCTBANK SCHEDULE
SCALE: NT.S.

NOTES:
1. WIRE SIZE AND QUANITIES SHALL BE PROVIDED PER ONE LINE DIAGRAM.
2. INSTALL DUCTBANKS PER DETAIL, SHEET E8.

DUCTBANK SCHEDULE

TAG	CONDUIT		TYPE
A	MDS-ATS	4"	POWER
B	LS1-P	1.5"	POWER
	LS2-P	1.5"	POWER
	HV1-JC1	1"	POWER
	P-LTG	1"	POWER
	LS-AF	1"	I/C
	LS-LT	1"	I/C
C	ATS-GEN	4"	POWER
	MPZ-1,3	1"	POWER
	GEN-A	1"	I/C

KEYNOTES:

1. ELECTRICAL RACK WITH CANOPY ON CONCRETE PAD. SEE DETAIL, SHEET E4.
2. RACK WITH J-BOXES. SEE DETAIL, SHEET E7.
3. WET WELL. SEE TYPICAL DETAIL, SHEET E7.
4. PRE-PURCHASED 150 KW GENERATOR. PROVIDE CONCRETE FOUNDATION PER STRUCTURAL PLANS. EXTEND PAD 24" FROM GENERATOR ENCLOSURE ON ALL SIDES. COORDINATE WITH OWNER FOR DELIVERY.
5. AREA LIGHT. SEE DETAIL, SHEET E8.
6. DISCONNECT FOR JIB CRANE. FIELD VERIFY LOCATION.
7. FLOW METER.
8. BACKUP FLOAT SWITCHES.
9. RADAR LEVEL TRANSDUCER.
10. RISER POLE AND METER RACK. SEE SHEET E10 FOR DETAILS.
11. OVERHEAD SERVICE, PER ONCOR.
12. PUMP CABLES PROVIDED BY PUMP SUPPLIER.
13. CABLES FURNISHED WITH FLOAT SWITCHES.
14. CABLES FURNISHED WITH TRANSDUCER.
15. #12(P), #12(N), #12(G). PROVIDE RECEPTACLE IN WP/IN USE COVER FOR HEAT TRACE. LOCATE IN RPZ ENCLOSURE. VERIFY LOCATION.
16. BOND FENCE TO GROUND WHERE OVERHEAD CROSSES FENCE LINE.

GENERAL NOTES:

1. THE ELECTRICAL, INSTRUMENTATION AND CONTROLS SYSTEMS SHALL COMPLY WITH THE CITY OF HUTTO LIFT STATION STANDARDS AND ELECTRICAL CODES; NATIONAL ELECTRICAL CODE AND ALL CITY, STATE AND FEDERAL STANDARDS, RULES AND REGULATIONS.
2. ALL WORK SHALL BE PERFORMED BY A CONTRACTOR HAVING A MINIMUM OF 5 CONSECUTIVE YEARS OF SUCCESSFUL EXPERIENCE IN THE CONSTRUCTION OF PROJECTS OF THE SAME TYPE AND SIZE OR LARGER.
3. ALL CONDUITS SHALL BE INSTALLED UNDERGROUND IN STEEL REINFORCED CONCRETE DUCT BANKS. CONDUITS SHALL BE SCHEDULE 40 PVC. TRANSITIONS TO ABOVE GRADE SHALL BE MADE WITH PVC COATED RIGID GALVANIZED STEEL OR PVC COATED RIGID ALUMINUM CONDUIT ELBOWS.
4. WIRING SHALL BE STRANDED COPPER CONDUCTOR, XHHW2 INSULATED. MINIMUM WIRE SIZE SHALL BE #12 AWG FOR ALL WIRING FOR CONDUITS RATED 120 V OR HIGHER EXCEPT THAT #14 AWG MAY BE USED FOR CONTROL CIRCUITS.
5. WIRING FOR INSTRUMENTATION CIRCUITS SHALL BE #18 TWISTED PAIR WITH SHIELD. SHIELD SHALL BE GROUNDED AT THE CONTROL PANEL END ONLY. SURGE PROTECTION SHALL BE PROVIDED ON ALL INSTRUMENTATION WIRING.

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	ESZ	3/20/24	ADDENDUM 1

10/4/2023
STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

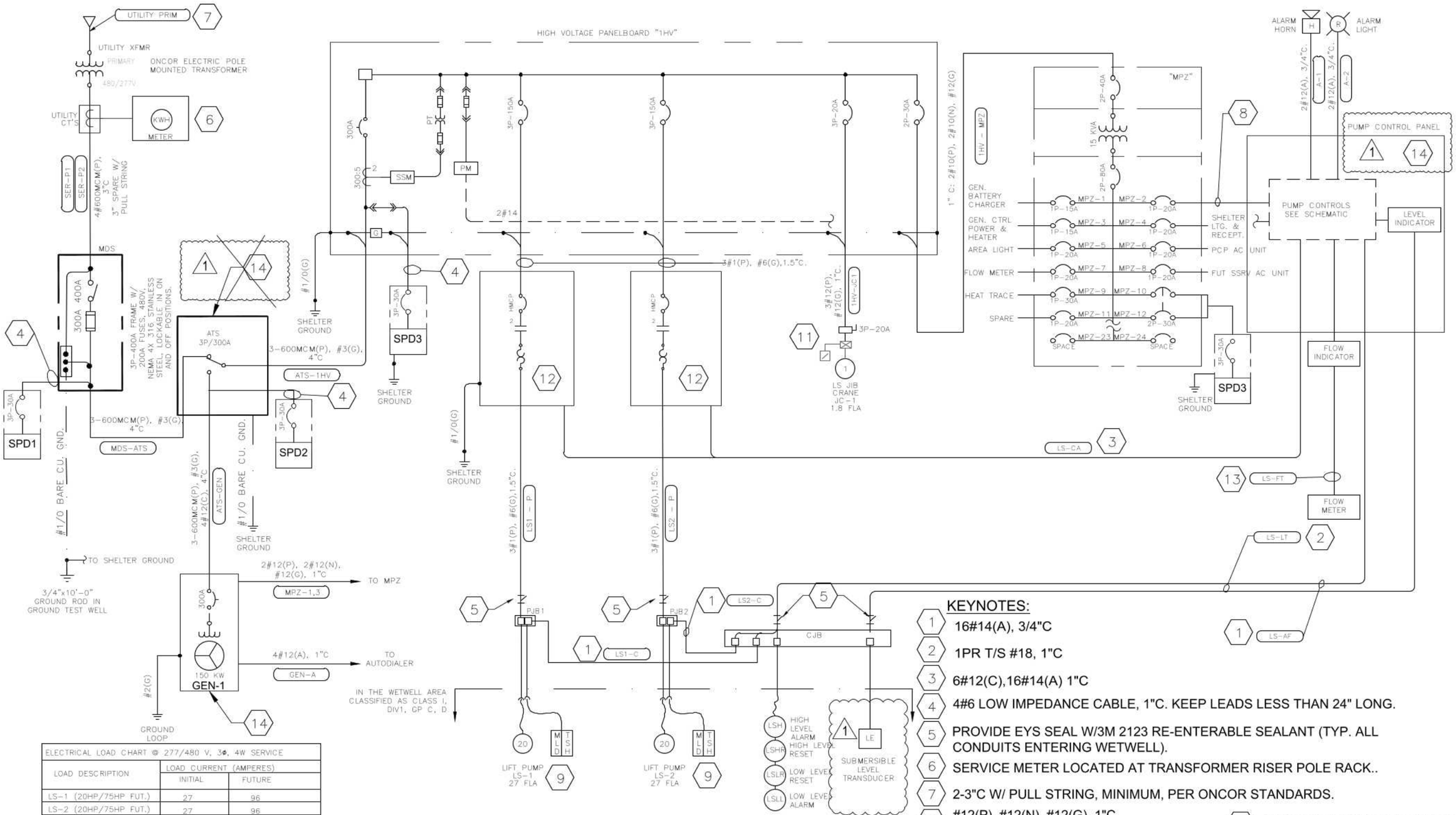
ELECTRICAL SITE PLAN

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E2
SHEET NUMBER	53 OF 65

JRSA ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3967
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789



ELECTRICAL LOAD CHART @ 277/480 V, 3Φ, 4W SERVICE			
LOAD DESCRIPTION		LOAD CURRENT (AMPERES)	
		INITIAL	FUTURE
LS-1 (20HP/75HP FUT.)		27	96
LS-2 (20HP/75HP FUT.)		27	96
HOIST		2.1	2.1
25% LARGEST MOTOR		7	24
OTHERS		31.25	31.25
TOTAL:	AMPS	94.1	249.4
	KVA	78.3	207.4
SERVICE CONDUCTORS: (MINIMUM SIZE) 3-600MCM(P), 600MCM(N), 4"C. SERVICE CONDUCTORS SIZED FOR FUTURE LOAD			

1 ONE-LINE DIAGRAM
SCALE: N.T.S.

KEYNOTES:

1. 16#14(A), 3/4"C
2. 1PR T/S #18, 1"C
3. 6#12(C),16#14(A) 1"C
4. 4#6 LOW IMPEDANCE CABLE, 1"C. KEEP LEADS LESS THAN 24" LONG.
5. PROVIDE EYS SEAL W/3M 2123 RE-ENTERABLE SEALANT (TYP. ALL CONDUITS ENTERING WETWELL).
6. SERVICE METER LOCATED AT TRANSFORMER RISER POLE RACK..
7. 2-3"C W/ PULL STRING, MINIMUM, PER ONCOR STANDARDS.
8. #12(P), #12(N), #12(G), 1"C
9. PUMP MONITOR SWITCHES
   - MLD - MOISTURE LEAK DETECTOR
   - TSH - MOTOR TEMPERATURE SWITCH
10. 4#12(STATUS), 4#12(ALARM), 4#12(CONTROL), 4#12(SPARE), 1"C.
11. HOIST STARTER SUPPLIED WITH EQUIPMENT BY MANUFACTURER
12. PROVIDE FVNR STARTERS FOR PHASE I, WITH SPACE ON THE ELECTRICAL RACK FOR FUTURE SSRVS.
13. FLOW METER CABLE PROVIDED BY MFG. FIELD VERIFY LENGTH REQUIRED.
14. PRE-PURCHASED EQUIPMENT PROVIDED BY OTHERS. EQUIPMENT SHALL BE INSTALLED AND TESTED IN THIS CONTRACT. COORDINATE WITH OWNER FOR DELIVERY.

JRSA ENGINEERING, INC.
Consulting Electrical Engineers. TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789

REV NO.	BY	DATE	REVISION DESCRIPTION
1	ESZ	3/20/24	ADDENDUM 1

10/4/2023
STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

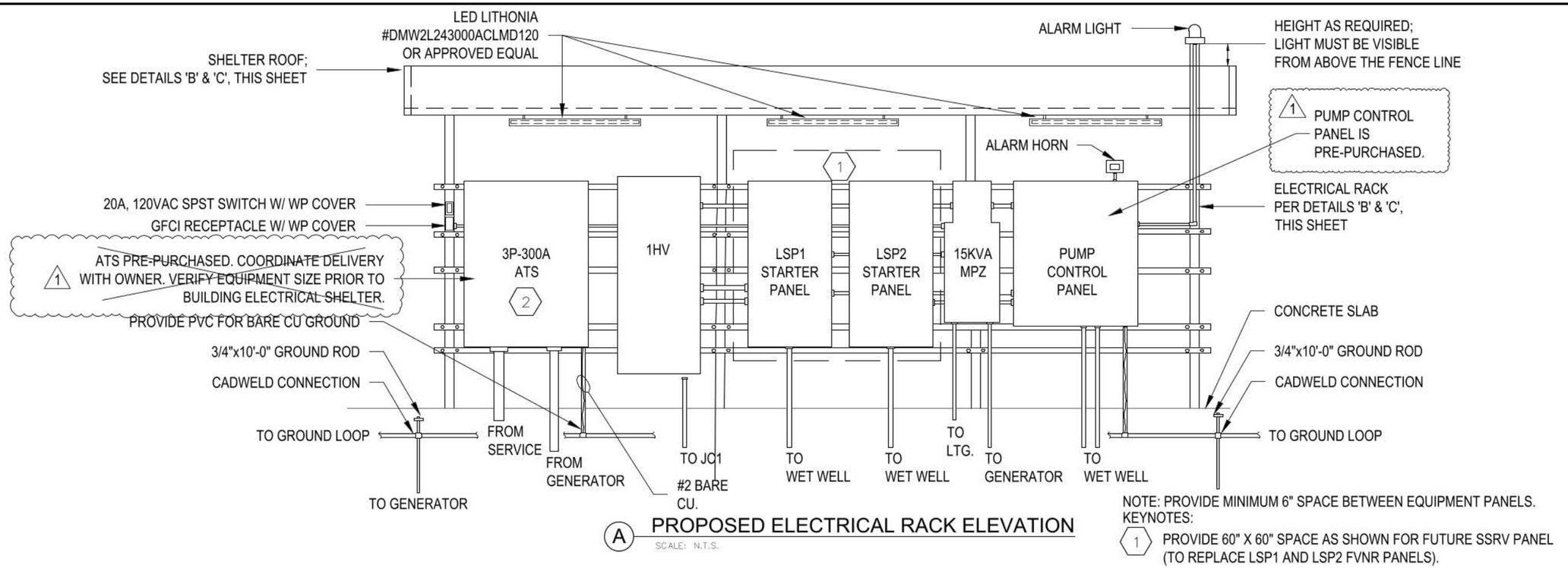
HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

ONE-LINE DIAGRAM

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E3
SHEET NUMBER	54 OF 65



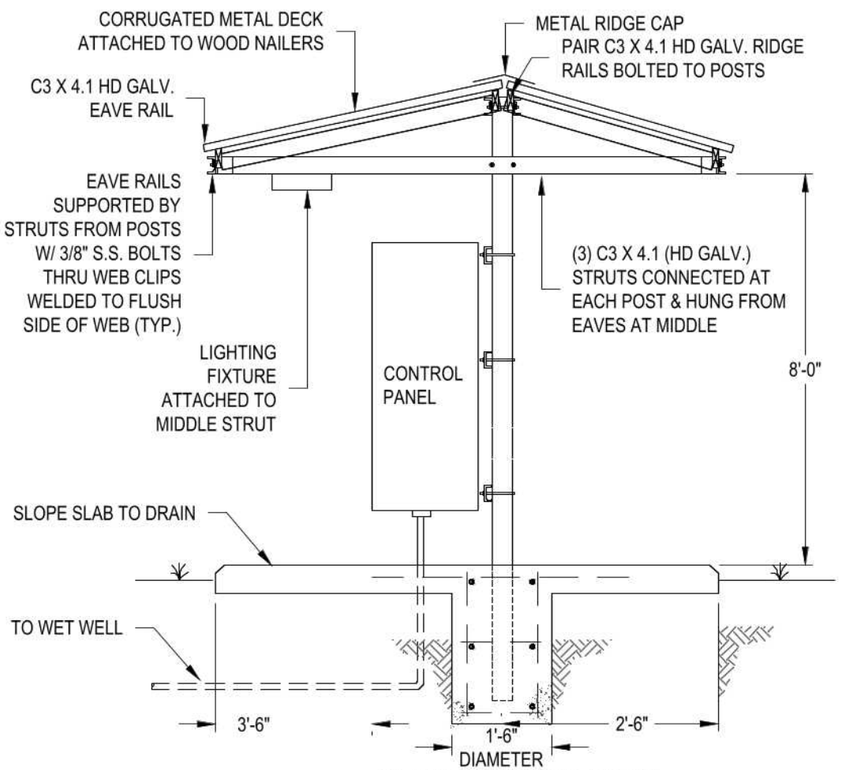
A PROPOSED ELECTRICAL RACK ELEVATION

SCALE: N.T.S.

NOTE: PROVIDE MINIMUM 6" SPACE BETWEEN EQUIPMENT PANELS.

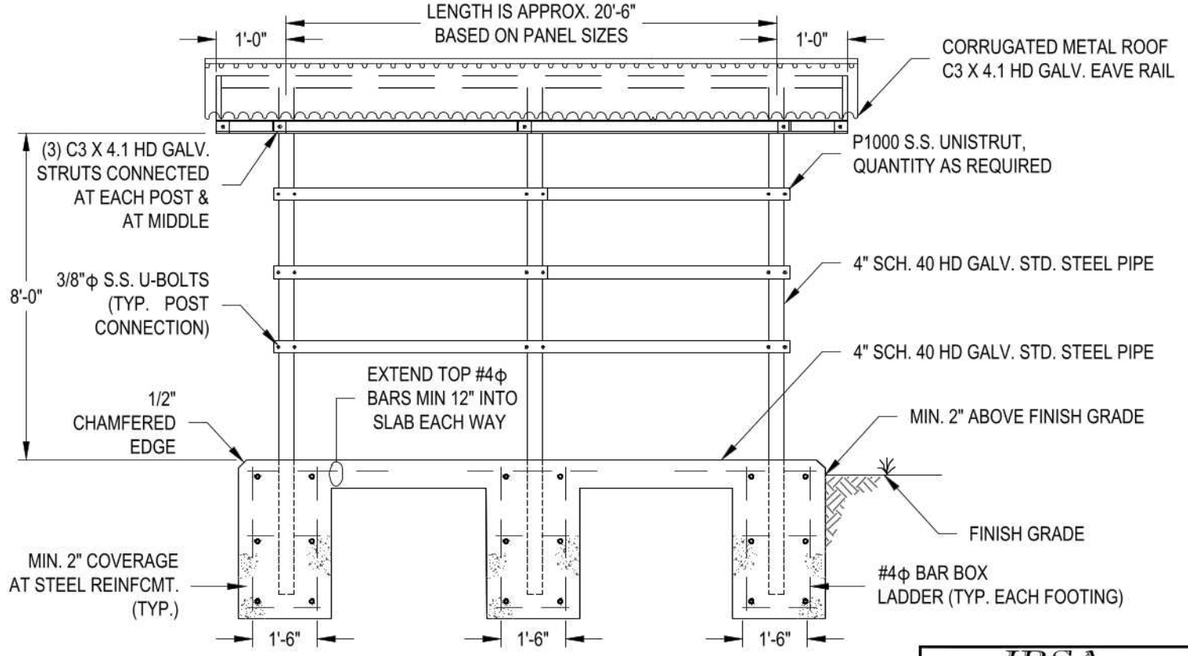
KEYNOTES:

1. PROVIDE 60" X 60" SPACE AS SHOWN FOR FUTURE SSRV PANEL (TO REPLACE LSP1 AND LSP2 FVNR PANELS).
2. ATS SHALL BE SUPPLIED BY OTHERS AS PART OF A PRE-PURCHASE AGREEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND TESTING.



B SHELTER - END VIEW

SCALE: N.T.S.



C SHELTER - FRONT VIEW

SCALE: N.T.S.

REV NO.	BY	DATE	REVISION DESCRIPTION
1	ESZ	3/20/24	ADDENDUM 1

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

Elizabeth Segner-Zarate

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

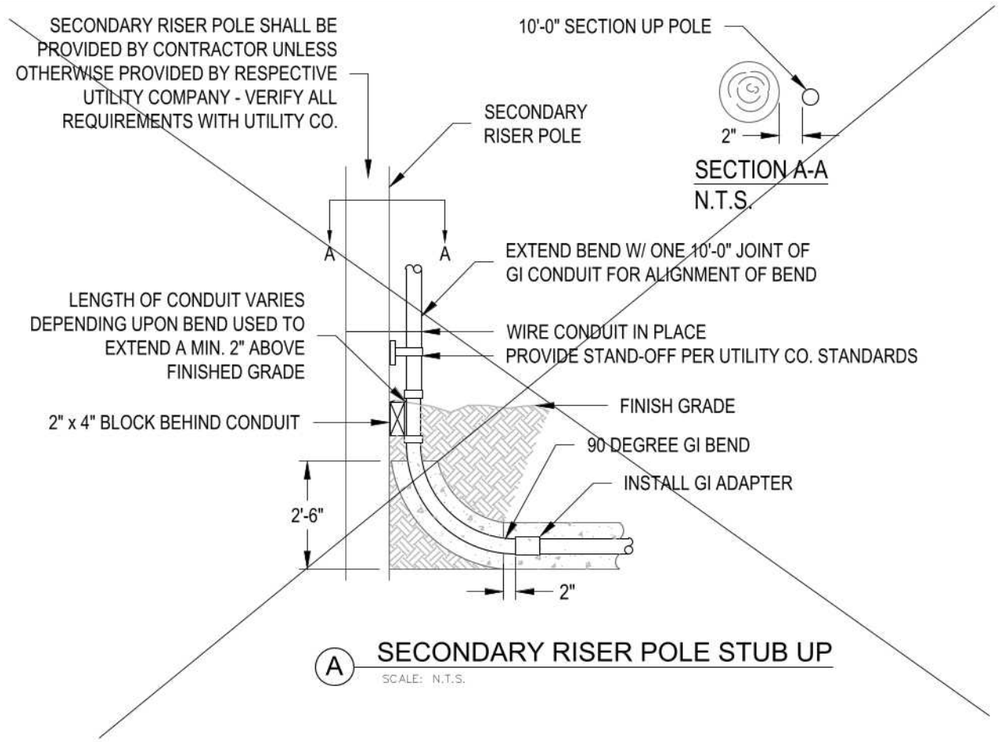
ELECTRICAL RACK ELEVATION

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

JRSA ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-6759

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E4
SHEET NUMBER	55 OF 65

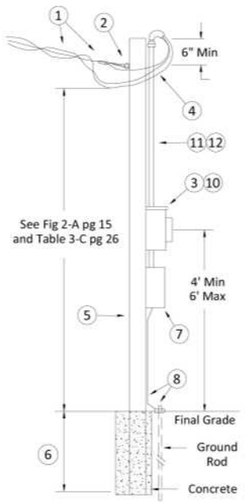


A SECONDARY RISER POLE STUB UP

SCALE: N.T.S.

OVERHEAD SERVICE, PERMANENT METER POLE

FIGURE 3-E



Notes:

1. Service drop provided and installed by Company.
2. Customer installs service drop attachment of adequate strength for attachment of Company's service drop conductors. See Figure 3-B, page 26.
3. Meter socket shall be provided, installed and maintained by Customer. Transockets, when required, shall be provided by Company and installed and maintained by Customer. Socket must be securely anchored.
4. Service entrance conductors (#8 Copper or #6 Aluminum minimum) and service raceway provided and installed by Customer, shall extend 24 inches or the minimum length required by local ordinance outside service head for connection to Company service drop. Phase conductors to have black insulation. Neutral conductor to be marked white or bare. Customer will bond 480 V neutral conductor to all metal service entrance raceways.
5. Customer to provide and install support for service attachment and meter socket. Creosote pole or equal to be 5 inch minimum diameter at top. Steel pipe to be 4.5 inch minimum outside diameter and a minimum thickness of 0.237 inches. Steel tube to be 4 inches square and a minimum thickness of 0.25 inch. Support to be sufficient height for the service drop to meet minimum clearances. See Figure 2-A, page 16.
6. Wood Pole to be set in 4 feet of concrete where soil conditions are less than rock. Steel pipe or tube to be set in 4 feet of concrete. Pole foam back-fill may be used, if approved by Company.
7. Weatherproof service switch or breaker panel is required for all permanent meter pole installations and is provided and installed by Customer.
8. Customer's ground rod conductor, #6 Copper minimum shall originate in the service entrance equipment and extend to a ground rod. The ground rod conductor is permitted to be routed through the meter socket enclosure, but **shall not** terminate within. Company reserves the right to refuse installation of service upon observing an unsafe Customer connection. The Company does not recognize Ufer Grounds as an approved grounding electrode for metering equipment. To be used by the customer for their service entrance facilities only.
9. Customer's installation to meet the requirements of all applicable codes and local ordinances.
10. Insulated conduit bushings are required for raceways terminating in the meter socket. See Table 5-C, pages 56-61 for list of approved meter sockets.
11. The use of flexible metallic conduit, liquid tight flexible metallic conduit, and liquid tight flexible non-metallic conduit for service entrance raceway is prohibited. The service raceway may not contain any condulet or other open connections.
12. The use of schedule 40 or 80 PVC for service mast not supporting service drop is allowed unless prohibited by the local inspecting authority. Service mast shall be of sufficient height for the service drop to meet minimum clearances (see Figure 2-A, page 16). A 2 inch rigid steel minimum with no coupling above conduit clamp is required. EMT/PVC is not acceptable for service mast. Service mast to be sufficient strength to support service drop.
13. For overhead service to mobile homes, see 300.11, page 24.
14. For **three-wire delta services, see Figure 3-I, page 33.**

Copyright 2023 Oncor Electric Delivery Company. All rights reserved.

A ONCOR OVERHEAD SERVICE POLE

SCALE: N.T.S.

1

REV NO.	BY	DATE	REVISION DESCRIPTION
1	ESZ	3/20/24	ADDENDUM 1

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

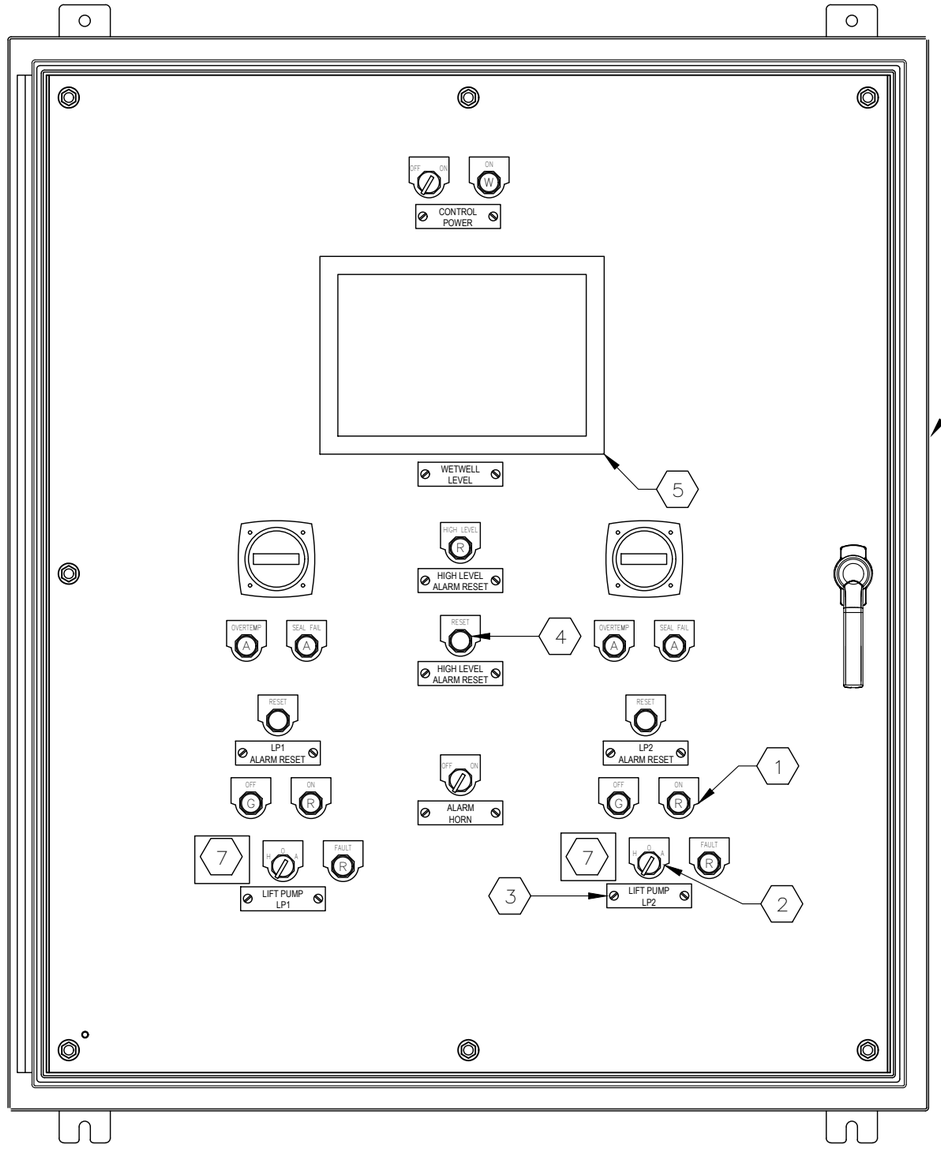
ONCOR DETAILS

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E5
SHEET NUMBER	56 OF 65

JRSA
ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3967
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789



1 LIFT STATION CONTROL PANEL

SCALE: N.T.S.

KEYNOTES:

1. INDICATING LIGHT, LED TYPE, PUSH-TO-TEST, COLOR INDICATED, 22MM.
2. SELECTOR SWITCH, 22MM, TWO OR THREE POSITION AS SHOWN.
3. 3-PLY PHENOLIC NAMEPLATE. BLACK WITH 3/8" WHITE LETTERING.
4. MOMENTARY CONTACT PUSHBUTTON, 22MM.
5. PSI QC2I LCD DISPLAY SCREEN WITH TWO EXPANSION. 1500CT I/O MODULES. PROVIDE RS232 MODBUS CONNECTION BETWEEN EXPANSION I/O MODULE.
6. NEMA 4X SS 42"H X 48"W X 12"D ENCLOSURE WITH 3 PT. LATCH AND LOCKABLE HANDLE. DEADFRONT CONSTRUCTION WITH LIGHTS, SWITCHES, METERS, ETC. MOUNTED ON AN INTERIOR SWINGOUT PANEL.
7. PROVIDE PANEL KNOCKOUT W/ COVERPLATE FOR FUTURE INSTRUMENTS.

NOTES:

1. THIS PROJECT INCLUDES INSTALLING EQUIPMENT PRE-PURCHASED BY A SUPPLIER. SEE SHEET G4 FOR MORE DETAILS.

REV NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

Elizabeth Segner-Zarate

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

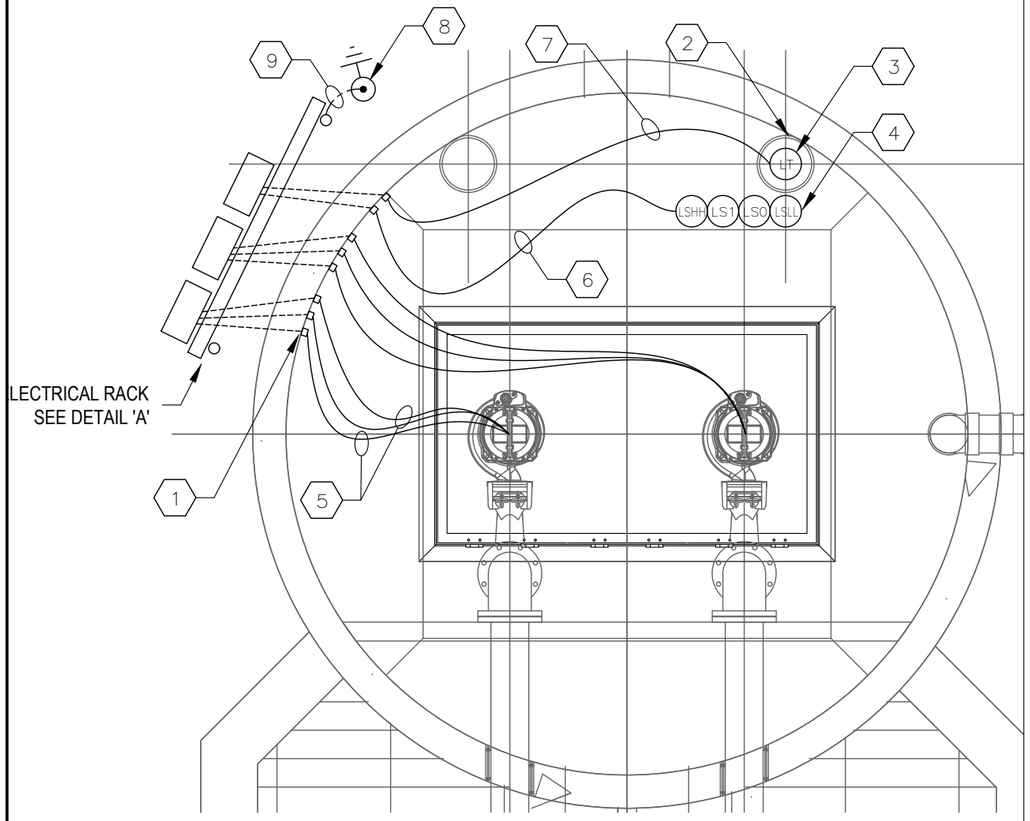
PUMP CONTROL PANEL DETAILS

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E6
SHEET NUMBER	58 OF 66

JRSA
ENGINEERING, INC.
Consulting Electrical Engineers. TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789

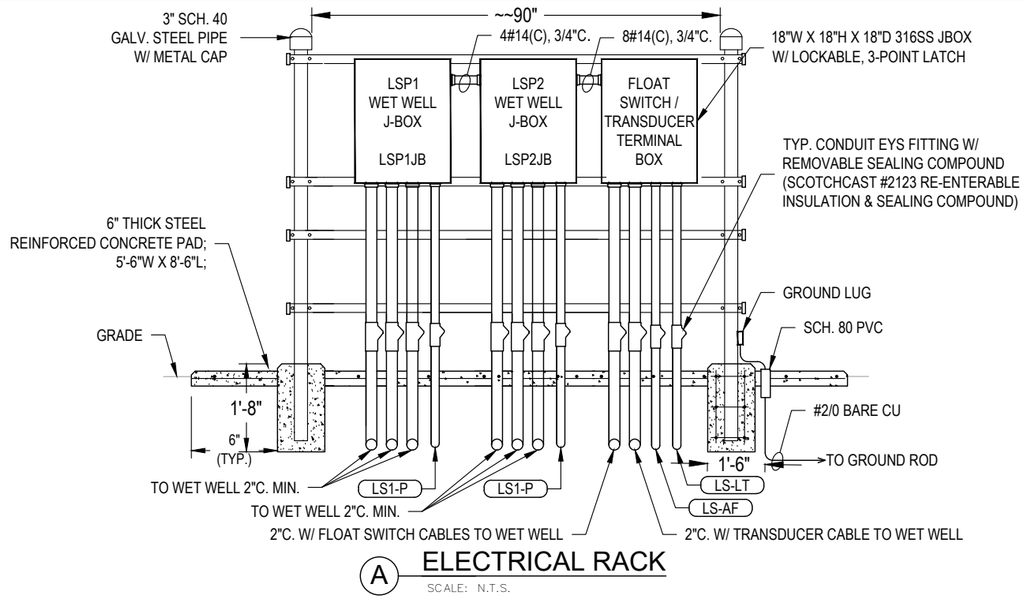


1 WET WELL AREA PLAN

SCALE: N.T.S.

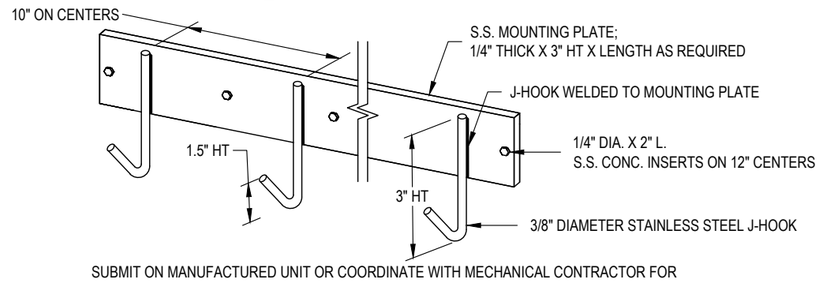
KEYNOTES:

1. CROUSE HINDS CGB FITTING. TYPICAL FOR ALL CONDUITS ENTERING WET WELL.
2. STILLING WELL. SCH. 80 PVC WITH SLOTS EVERY 6". TOP OF STILLING WELL TO EXTEND TO 24" BELOW WET WELL TOP ELEVATION AND EXTEND TO WITHIN 2" OF THE WET WELL FLOOR. LOCATE ADJACENT TO FLOATS AND ACCESSIBLE FROM THE HATCH.
3. RADAR TRANSDUCER. SEE DETAIL 'D', THIS SHEET. CALIBRATED FOR WET WELL WATER RANGE LEVEL.
4. FLOAT SWITCHES WITH STAINLESS STEEL CORD SUPPORT. LOCATE WITHIN 6" OF THE WET WELL HATCH OPENING.
5. PUMP CABLE WITH 2 POWER AND 1 POWER ALARM.
6. FLOAT SWITCH CABLES.
7. SUBMERSIBLE PRESSURE TRANSDUCER CABLE.
8. 3/4" X 10'-0" COPPERWELD GROUND ROD.
9. #2/0 BARE COPPER GROUND WIRE.



A ELECTRICAL RACK

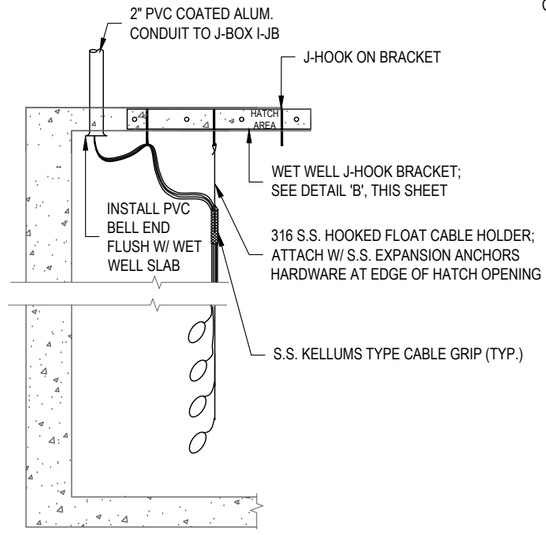
SCALE: N.T.S.



SUBMIT ON MANUFACTURED UNIT OR COORDINATE WITH MECHANICAL CONTRACTOR FOR INTEGRATED CABLE SUPPORT SYSTEM WITH WET WELL HATCH GRATE EQUIPMENT

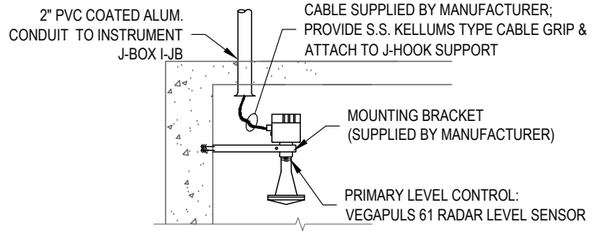
B WET WELL J-HOOK BRACKET CABLE SUPPORTS

SCALE: N.T.S.



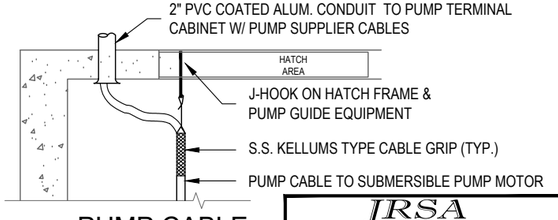
D FLOAT SWITCH INSTALLATION

SCALE: N.T.S.



C LEVEL TRANDUCER INSTALLATION

SCALE: N.T.S.



E PUMP CABLE INSTALLATION

SCALE: N.T.S.

REV. NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

WET WELL ELECTRICAL DETAILS

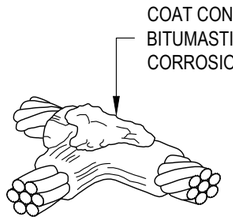
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911

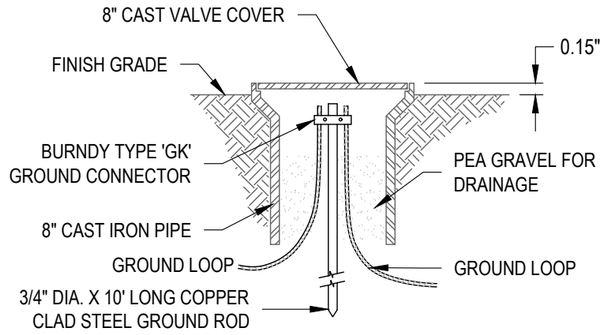
CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E7
SHEET NUMBER	59 OF 66

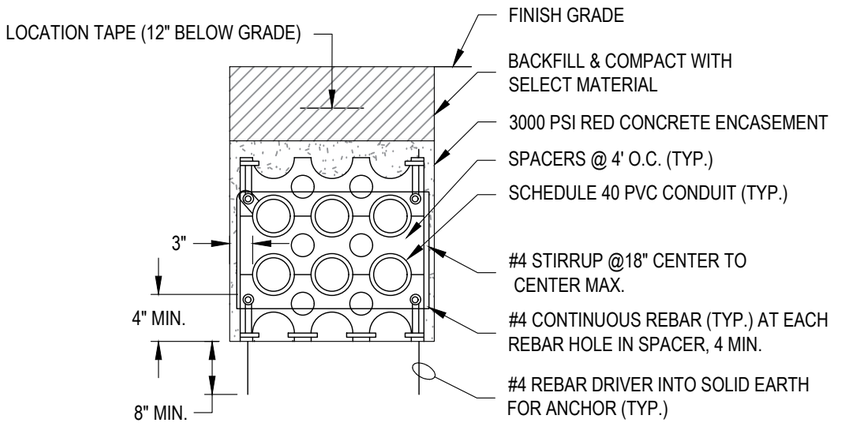
JRSA ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789



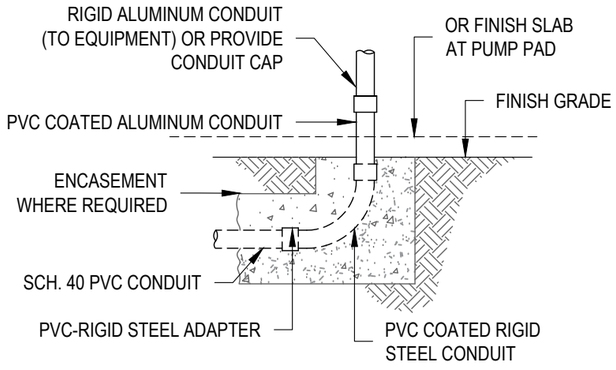
A CADWELD CONNECTION "TA"
SCALE: N.T.S.



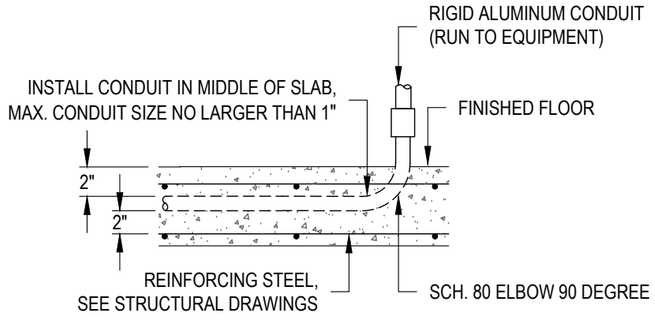
B GROUNDWELL
SCALE: N.T.S.



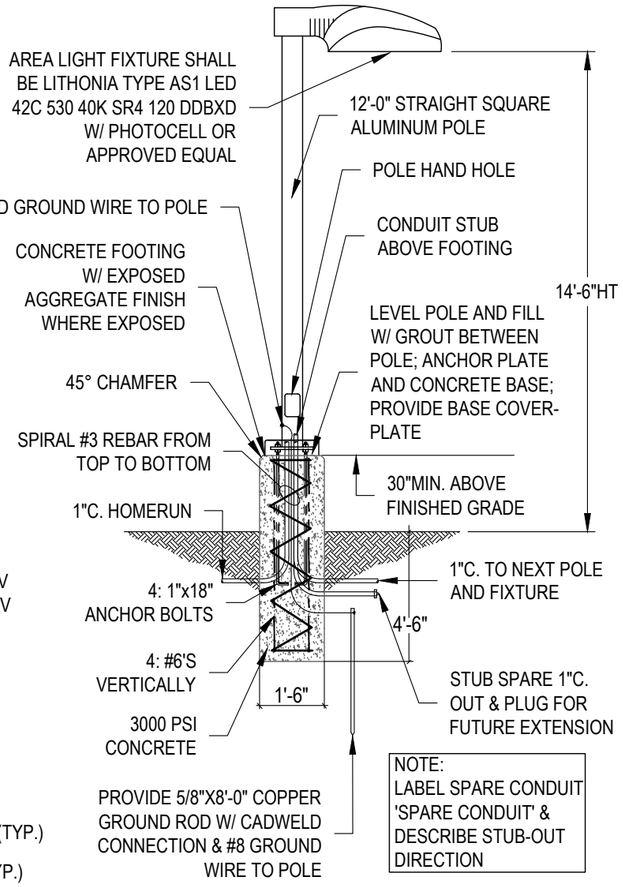
C DUCTBANK SPACER DETAIL
SCALE: N.T.S.



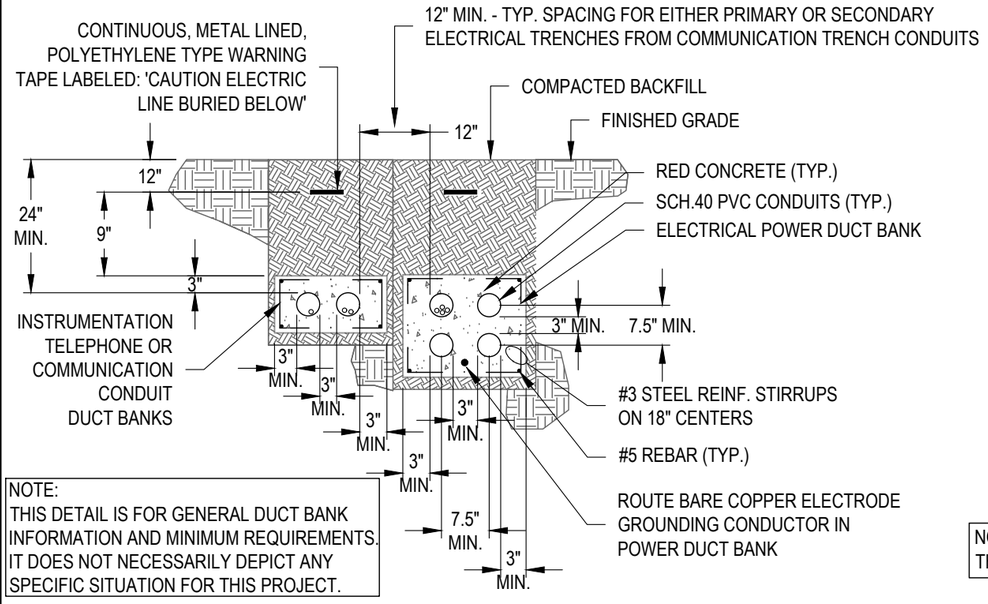
D TYPICAL OUTDOOR CONDUIT STUB-UP
SCALE: N.T.S



E CONDUIT IN SLAB
SCALE: N.T.S.

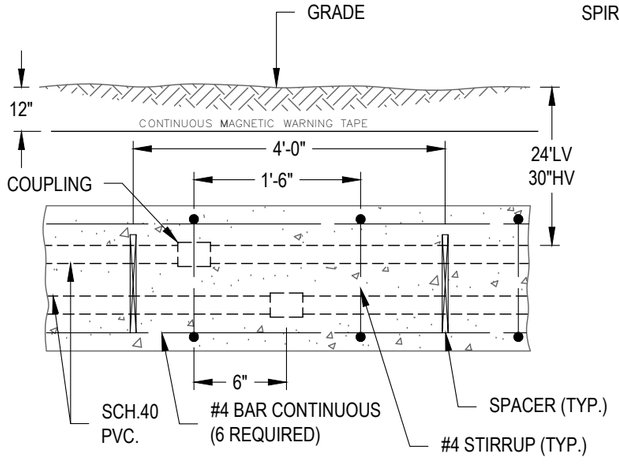


H AREA LIGHT DETAIL
SCALE: N.T.S.



NOTE:
THIS DETAIL IS FOR GENERAL DUCT BANK INFORMATION AND MINIMUM REQUIREMENTS. IT DOES NOT NECESSARILY DEPICT ANY SPECIFIC SITUATION FOR THIS PROJECT.

F TYPICAL DUCTBANK DETAIL
SCALE: N.T.S.



NOTE:
THIS DETAIL IS ONLY FOR DUCT BANK GENERAL OR MINIMUM REQUIREMENTS.

G DUCTBANK LONGITUDINAL SECTION
SCALE: N.T.S.

REV. NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

Elizabeth Segner-Zarate

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

ELECTRICAL DETAILS

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO
INCORPORATED 1911

CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	E8
SHEET NUMBER	60 OF 66

JRSA
ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789

LIFT STATION CONTROL PANEL

LSP1 SEAL FAIL MAH 101 — DL — MYH 101

LSP1 HIGH TEMP TAH 101 — DL — TYH 101

LSP1 TROUBLE YA 101 — DL — YA 101

LSP1 STATUS RI 101 — DL — RI 101

LSP1 CONTROL MC 101 — DQ — HS 101 (START / STOP) — HS 101 (LOCAL / OFF / REMOTE)

PANEL ALARM UA 100A — DL — UA 100A

PHASE MONITOR UA 100B — DL — UA 100B

WETWELL LEVEL LI 100 — AL — LIT 100

PUMPS OFF LLO 100 — DL — LYLL 100 (OFF)

LEAD ON LD 100 — DL — LYL 100 (LEAD)

LAG ON LG 100 — DL — LYH 100 (LAG)

HIGH LEVEL HLA 100 — DL — LYHH 100 (ALARM)

LSP2 SEAL FAIL MAH 102 — DL — MYH 102

LSP2 HIGH TEMP TAH 102 — DL — TYH 102

LSP2 TROUBLE YA 102 — DL — YA 102

LSP2 STATUS RI 102 — DL — RI 102

LSP2 CONTROL MC 102 — DQ — HS 102 (START / STOP) — HS 102 (LOCAL / OFF / REMOTE)

WETWELL FLOW FIRQ 100 — AL — FIT 100

FVNR1

FVNR2

LIFT STATION INFLUENT

18" S.S.

LT

LSHH

LSH

LSL

LSLL

TSH 101

MSH 101

M

TSH 102

MSH 102

M

8" RISER

8" RISER

1" ARV

1" ARV

PI 102

PI 101

VALVE VAULT

8" FM

FE

FT 100

8" FM

FLOW METER PAD

LIFT STATION FORCE MAIN

WET WELL

REV. NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

LIFT STATION P&ID

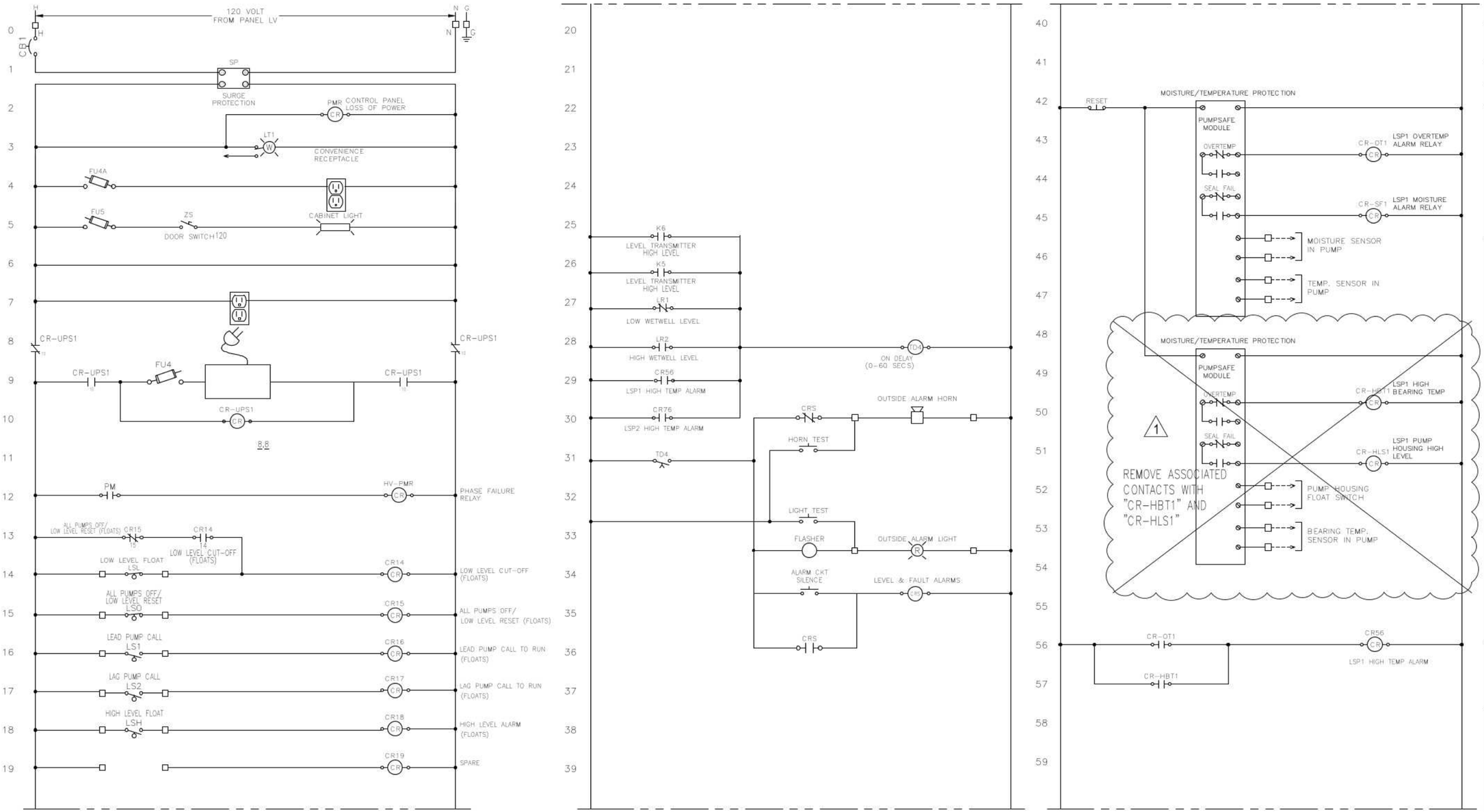
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NTS
DATE	6/19/2023
DRAWING NO.	I1
SHEET NUMBER	61 OF 66

JRSA ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789



REV NO.	BY	DATE	REVISION DESCRIPTION
1	ESZ	3/20/24	ADDENDUM 1

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

Elizabeth Segner-Zarate

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

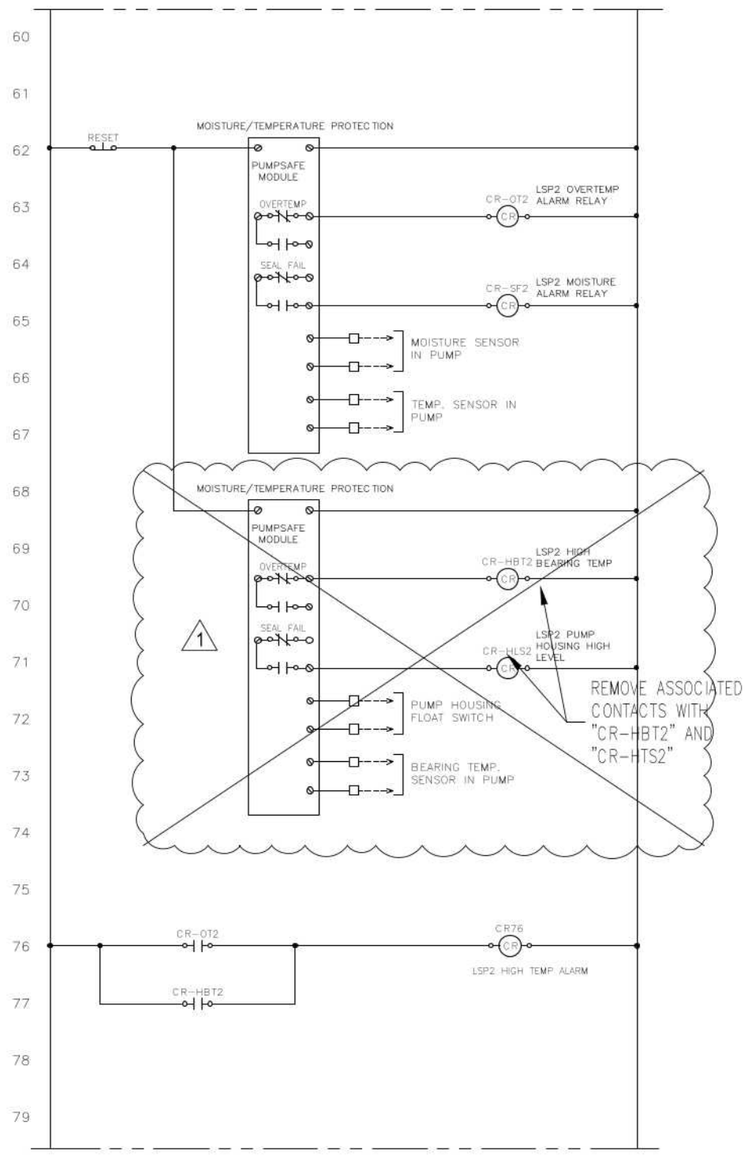
SCHEMATIC DIAGRAMS - 1

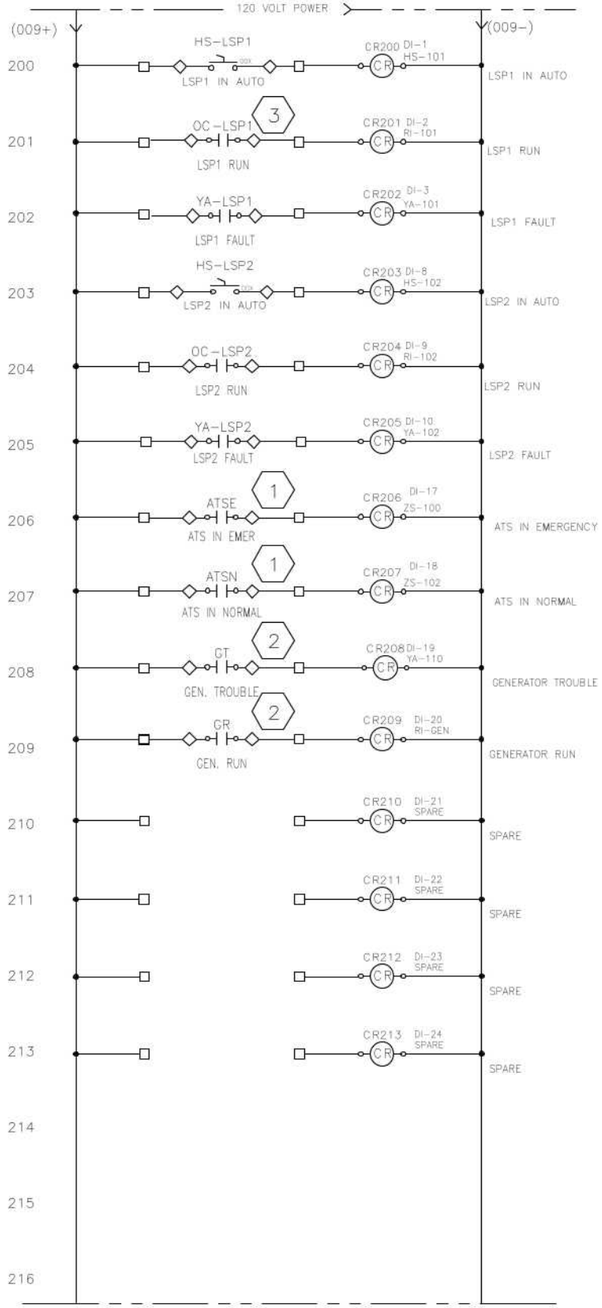
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	3/20/2024
DRAWING NO.	I2
SHEET NUMBER	61 OF 65

JRSA
ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3967
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789





KEYNOTES:

1. AUTOMATIC TRANSFER SWITCH AUXILIARY CONTACT
2. GENERATOR ANNUNCIATOR AUXILIARY CONTACT
3. CONTACTS IN LSP MOTOR BUCKET

REV NO.	BY	DATE	REVISION DESCRIPTION
1	ESZ	3/20/24	ADDENDUM 1

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

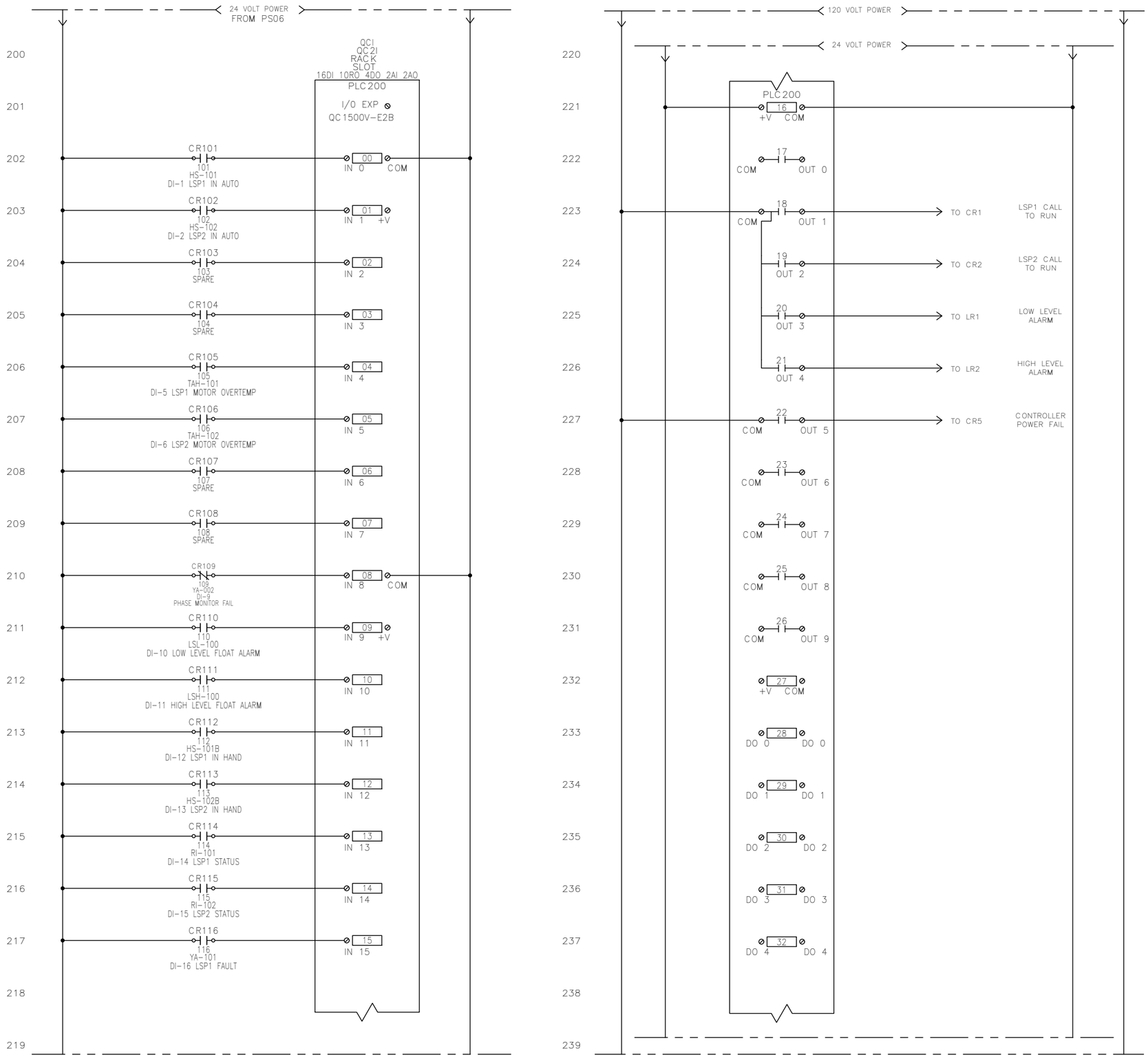
SCHEMATIC DIAGRAMS - 2

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

SCALE	NTS
DATE	3/20/2024
DRAWING NO.	I3
SHEET NUMBER	62 OF 65

JRSA
ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3927
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789



REV. NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

SCHEMATIC DIAGRAMS - 3

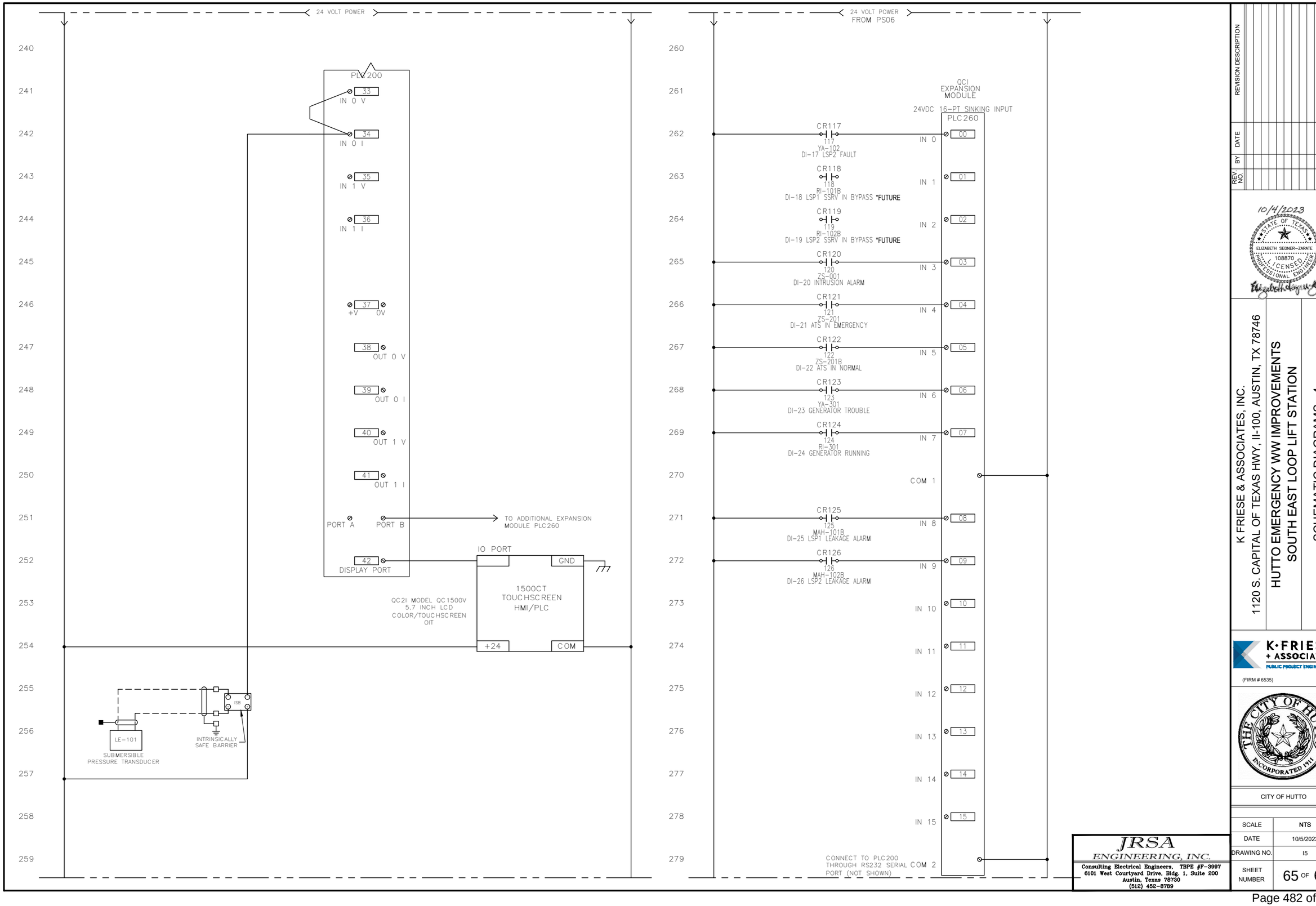
K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NTS
DATE	10/5/2023
DRAWING NO.	I4
SHEET NUMBER	64 OF 66

JRSA
ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789



REV. NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

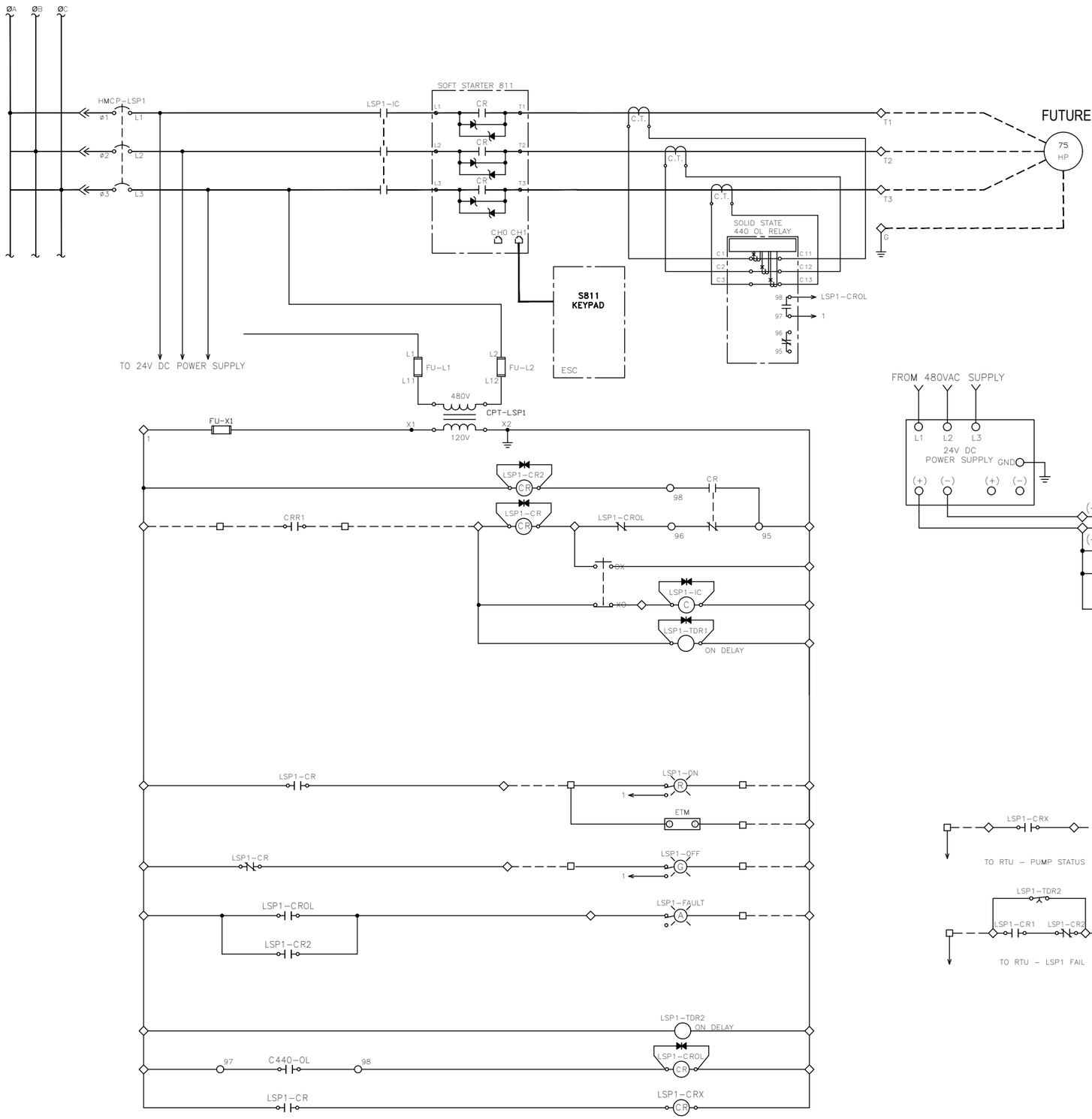
SCHEMATIC DIAGRAMS - 4

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

CITY OF HUTTO

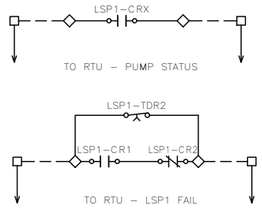
SCALE	NTS
DATE	10/5/2023
DRAWING NO.	I5
SHEET NUMBER	65 OF 66

JRSA ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789



TERMINAL BLOCK AND WIRING LEGEND

- □ TERMINAL BLOCK LOCATED IN THE MAIN CONTROL PANEL "MCP"
- ◇ TERMINAL BLOCK LOCATED IN THE MOTOR STARTER CUBICLE
- ○ TERMINAL BLOCK LOCATED IN A LOCAL CONTROL PANEL.
- △ TERMINAL BLOCK FOR PLC I/O LOCATED IN THE MAIN CONTROL PANEL "MCP"
- ⊘ WIRING TERMINAL ON EQUIPMENT OR DEVICE
- ——— INTERIOR WIRING IN PANEL OR MCC
- – – – FIELD WIRING
- —•— CONNECTION
- —|— NO CONNECTION



NOTES

1. SOFT START WIRING DIAGRAM IS SHOWN FOR FUTURE/PHASE 2 IMPLEMENTATION AND IS NOT PART OF THIS PROJECT.

2. SOFT START WIRING SHOWN ON THESE SCHEMATIC DIAGRAMS IS BASED ON EATON CUTLER HAMMER IN ORDER TO ESTABLISH A STANDARD. PRODUCTS MANUFACTURED BY ALLEN BRADLEY, GENERAL ELECTRIC OR SQUARE D THAT COMPLY WITH THE SPECIFICATIONS WILL BE ACCEPTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS THAT MAY RESULT FROM THE USE OF ONE OF THESE ALTERNATE MANUFACTURERS.

REV NO.	BY	DATE	REVISION DESCRIPTION

10/4/2023

STATE OF TEXAS
ELIZABETH SEGNER-ZARATE
108870
LICENSED
PROFESSIONAL ENGINEER

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

HUTTO EMERGENCY WW IMPROVEMENTS
SOUTH EAST LOOP LIFT STATION

MOTOR SCHEMATIC DIAGRAMS

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

THE CITY OF HUTTO INCORPORATED 1911

CITY OF HUTTO

SCALE	NTS
DATE	10/5/2023
DRAWING NO.	I6
SHEET NUMBER	66 OF 66

JRSA
ENGINEERING, INC.
Consulting Electrical Engineers, TBPE #F-3997
6101 West Courtyard Drive, Bldg. 1, Suite 200
Austin, Texas 78730
(512) 452-8789

December 22, 2025

Ms. Patricia Davis, P.E.
City of Hutto
2800 US HWY 281 N
San Antonio, Texas 78212

Re: Chapter §217 Construction Completion Notice Letter

Permittee: City of Hutto
Customer Reference Number: CN600336861, RN106037260
Permit Number: WQ0011324-002
Project Name: Wastewater South East Loop Lift Station
County: Williamson

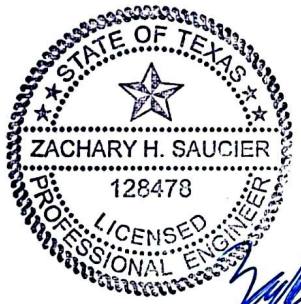
Dear Ms. Davis:

The purpose of this letter is to provide the City of Hutto notification that the construction for the above referenced project has been completed. I hereby certify that the referenced project has been constructed in substantial compliance with the final approved plans and specifications and in compliance with all the requirements of 30 TAC Chapter §217.

Deviations from approved plans and specifications:
No modifications made to the plans and specifications varied from TCEQ rules Chapter §217 for this project.

If you have any questions regarding this project, please contact Andrew Fischer at 210-491-2391 or zsaucier@hwlochner.com.

Sincerely,



12/22/2025

Zack Saucier, P.E.
Project Engineer
Lochner (TBPE F-10488)

Attachments: Record Drawings

cc: Matt Rector, P.E. – City Engineer

FINAL CIP PROJECT CHECKLIST

Date: 12-23-2025

Name of Project: Megasite Lift Station

Conditional / Final Acceptance Date: _____

Inspector's Name: Edward Hill Job Number(s): Hutto Megasite WW07-2023

Note: All spaces need to be initialed by Inspector including N/A.

EH 1. Project Construction Summary Date Received: 12-17-2025

EH 2. Engineer's Concurrence Letter Date Received: 12-23-2025

EH 3. Maintenance Bond(s) Date Received: 12-16-2025

EH 4. Final Cost & Quantities signed & sealed by engineer Date Received: 12-17-2025

EH 5. As-built Reproducible Plans Date Received: 12-23-2025
(1-24"X36", pdf scan, ACAD Base Map files< Shape File .SHP)

N/A 6. TDLR report if applicable Date Received: _____

EH 7. Test Reports
_____ Manhole Test
_____ TV Test
_____ Bacteriological Test
_____ WW Low Air Pressure Test / Mandrel Test
_____ Valve & Hydrant Test
EH Water Pressure Test

EH 8. Final Inspection Punch List Date Completed: 12-17-2025

TBD 9. Liquidated Damages (Yes or No) If yes, how much $ _____ for _____ days.

EH 10. No. of Lots for Subdivisions_____ Total Acres in Subdivision. _____

EH 11. Affidavit of all Bills Paid Date Received:_____

TBD 12. Final Change Order Date Received:_____

N/A 13. Extended Warranty (Yes or No) If yes, how long _____

EH 14. Map showing Area being accepted.

Comments: _____

_____

_____

Please initial: EH Inspector, TM Supervisor, _

JM Pipeline, LLC.
P.O. Box 1999
Burnet, TX, 78611
Office: 830-953-1010

Project Name: Hutto Megasite Lift Station Rehab

FINAL COST AND QUANTITIES

Lift Station Rehab					
ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	COST AMOUNT
1	TRENCH SAFETY	1	LS	$ 25,000.00	$25,000.00
2	SILT FENCE	385	LF	$ 6.00	$2,310.00
3	CONSTRUCTION ENTRANCE	1	LS	$ 4,500.00	$4,500.00
4	ASPHALT	335	SY	$ 36.00	$12,060.00
5	FLEX BASE	770	SY	$ 50.00	$38,500.00
6	MOBILIZATION	1	LS	$ 51,000.00	$51,000.00
7	SUBMITTALS	1	LS	$ 45,833.00	$45,833.00
8	STAKING AND LAYOUT	1	LS	$ 2,085.00	$2,085.00
9	SWALE ROUGH	1	LS	$ 3,890.00	$3,890.00
10	18" SANITARY SEWER MATERIAL	1	LS	$ 3,445.00	$3,445.00
11	18" SANITARY SEWER INSTALL	1	LS	$ 11,670.00	$11,670.00
12	8" FORCE MAIN MATERIAL	1	LS	$ 4,725.00	$4,725.00
13	8" FORCE MAIN INSTALL	1	LS	$ 9,445.00	$9,445.00
14	SWALE FINISH	1	LS	$ 5,335.00	$5,335.00
15	WET WELL MATERIAL	1	LS	$ 203,335.00	$203,335.00
16	WET WELL INSTALL	1	LS	$ 83,364.00	$83,364.00
17	EXCAVATION FOR WET WELL	1	LS	$ 21,612.00	$21,612.00
18	SHORING FOR WET WELL	1	LS	$ 34,723.00	$34,723.00
19	VALVE VAULT EXCAVATION	1	LS	$ 3,889.00	$3,889.00
20	VALVE VAULT SLAB	1	LS	$ 13,334.00	$13,334.00
21	VALVE VAULT WALLS	1	LS	$ 31,111.00	$31,111.00
22	VALVE VAULT GRATING MATERIAL	1	LS	$ 58,750.00	$58,750.00
23	VALVE VAULT GRATING INSTALL	1	LS	$ 13,890.00	$13,890.00
24	VALVE VAULT PIPING MATERIAL	1	LS	$ 74,945.00	$74,945.00
25	VALVE VAULT PIPING INSTALL	1	LS	$ 20,556.00	$20,556.00
26	WET WELL PIPING MATERIAL	1	LS	$ 140,000.00	$140,000.00
27	WET WELL PIPING INSTALL	1	LS	$ 25,555.00	$25,555.00
28	JIB CRANE FOUNDATION	1	LS	$ 11,445.00	$11,445.00
29	JIB CRANE EQUIPMENT	1	LS	$ 72,889.00	$72,889.00
30	JIB CRANE EQUIPMENT INSTALL	1	LS	$ 8,888.00	$8,888.00
31	TAP MAIN AND COMMERCIAL WATER SERVICE MATERIAL	1	LS	$ 2,670.00	$2,670.00
32	TAP MAIN AND COMMERCIAL WATER SERVICE INSTALL	1	LS	$ 13,333.00	$13,333.00
33	1" POTABLE WATER LINE MATERIAL	1	LS	$ 5,695.00	$5,695.00
34	1" POTABLE WATER LINE INSTALL	1	LS	$ 8,335.00	$8,335.00
35	BYPASS CONNECTION PIPING MATERIAL	1	LS	$ 57,000.00	$57,000.00
36	BYPASS CONNECTION PIPING INSTALL	1	LS	$ 19,445.00	$19,445.00
37	BYPASS CONNECTION CONCRETE SLAB	1	LS	$ 2,725.00	$2,725.00
38	ELECTRICAL SLAB PREP	1	LS	$ 5,000.00	$5,000.00
39	ELECTRICAL SLAB	1	LS	$ 8,555.00	$8,555.00
40	ELECTRICAL SLAB CANOPY MATERIAL	1	LS	$ 25,000.00	$25,000.00
41	ELECTRICAL SLAB CANOPY INSTALL	1	LS	$ 16,667.00	$16,667.00
42	GENERATOR SLAB PREP	1	LS	$ 7,223.00	$7,223.00
43	GENERATOR SLAB	1	LS	$ 8,170.00	$8,170.00
44	BOLLARDS MATERIAL	1	LS	$ 945.00	$945.00
45	BOLLARDS INSTALL	1	LS	$ 2,500.00	$2,500.00
46	PERMENANT FENCE	1	LS	$ 24,340.00	$24,340.00
47	ELECTRICAL	1	LS	$ 460,583.00	$460,583.00
48	CHANGE ORDER	1	LS	$ 3,444.00	$3,444.00
	Grand Total				$1,709,714.00

Lydia Caracheo

Company Signature

STATE OF TEXAS
RICHARD OWEN DUANE
103067
LICENSED
PROFESSIONAL ENGINEER

PROJECT CONSTRUCTION SUMMARY

PROJECT NAME: Hutto Megasite Lift Station Rehab (WW07-2023)

FINAL ACCEPTANCE DATE: 12/18/2025

INSPECTOR: Mr. Edward Hill

CONTRACTOR: JM Pipeline, LLC

Maintained By:	
COH	Other
Boxes checked by COH	

CONSTRUCTION COSTS

STREET IMPROVEMENT COST: N/A

SIDEWALK IMPROVEMENT COST: N/A

SIDEWALK RAMP IMPROVEMENT COST: N/A

BRIDGE IMPROVEMENT COST: N/A

POND(S) COST: N/A

DRAINAGE IMPROVEMENT COST: N/A

WATER IMPROVEMENT COST: N/A

WASTEWATER IMPROVEMENT COST: $1,709,714.00

RESTORATION COST: N/A

TOTAL IMPROVEMENT COST: $1,709,714.00

PREPARED BY (DESIGN ENGINEER): , P.E. ( )

Richard Duane

Digitally signed by Richard Duane
DN: C=US, E=rduane@kfriese.com, CN=Richard Duane
Date: 2025.12.18 16:24:28-06'00'

CHECKED BY (CITY INSPECTOR):

Edward Hill

Digitally signed by Edward Hill
DN: C=US, E=edward.hill@huttotx.gov, O=City of Hutto, OU=Engineering, CN=Edward Hill
Date: 2025.12.18 17:28:04-06'00'

CONSTRUCTION SUMMARY FOR WATER

VALVES INSTALLED			PIPE			FIRE HYDRANTS		
SIZE	DESCRIPTION	NO.	SIZE	TYPE	LENGTH	SIZE	TYPE	NO.
24”	Gate		24”	DI		6”	Fire Hydrant	
30”	Gate		30”	DI				
36”	Butterfly		36”	DI				
42”	Butterfly		42”	DI				
			48”	DI				
AIR RELEASE								
SIZE	TYPE	NO.						

2”	Combination							
3”	Combination							
4”	Combination		SERVICES INSTALLED					
			NO.	TYPE				

REMARKS:

Not a water project. No water utilities installed.

AFFIDAVIT OF BILLS PAID AND RELEASE OF LIENS BY CONTRACTOR

The undersigned ("Contractor"), having furnished materials and/or performed labor in connection with the construction (the "Project") of certain improvements located at Hutto Megasite Lift Station ("Property") for and inconsideration of the payment to the Contractor of the sum hereinafter specified does hereby acknowledge and release as follows:

Upon the receipt of $85,485.70 being payment on **Invoice #** 15-Retainage dated 12/15/2025 for materials and/or labor performed by the Contractor for the Project (the "Work"); Contractor will waive and release any and all liens, rights and interests (whether choate or inchoate, and including, without limitation, all mechanic's and materialmen's liens under the Constitution and the statutes of the "Property" state) which are or may be owed, claimed or held by Contractor in and to the Property and the improvements constructed thereon by reason of the Work or otherwise, and Contractor will thereby RELEASE AND FOREVER DISCHARGE any and all claims , debts, demands or causes of action the Contractor has or may have as a result of the same including, without limitation, any liens of Contract for the Work now or hereafter filed for record in said County.

Contractor represents, warrants, and certifies that all bills owed by the Contractor for materials furnished and labor performed in connection with the Work have been or will be fully paid and satisfied. If for any reason a lien or liens are filed for materials or labor against the Property by virtue of the Contractor's participation in the Project by any person claiming by, through, or under the Contractor, then Contractor will immediately obtain a settlement of such lien or liens and obtain and furnish to the owners of the Property a release thereof. Contractor shall indemnify such owners and their respective heirs, successors and assigns from any such bill or liens and from all costs and expenses, including attorney's fees, incurred in discharging any such bills or removing such liens.

Executed December 12th, 20 25.

Contractor Name: JM Pipeline, LLC

By: _____

Title: President

_____ Witness

_____ Witness

Subscribed and sworn to before me under my official seal of office this 15th day of December, 2025.

_____ Notary Signature

Emily Morales
My Commission Expires
10/15/2028
Notary ID130837488

Hutto Megasite WW Lift Station Punch List

Items verified

- Generator is working
- Flow meter is working
- Plug valve and check valves work
- Valve vault drain to wet well is working
- Access hatches open, lock open, and shut
- Pipe supports are right size and supporting pipe
- Access gates open and shut

Items with deficiencies

- Crane is missing a locking mechanism (pin) on the crane swivel -Repaired 12-17-2025
- Leaking at valve-Fixed/Repaired 12-4-025

· Pump Panel-Completed/Repaired - 12-10-2025

o Alarm keeps going off- Evaluated and fixed 12-10-2025-

o Not getting voltage for inputs- Reset and evaluated. Voltage distributing to inputs.

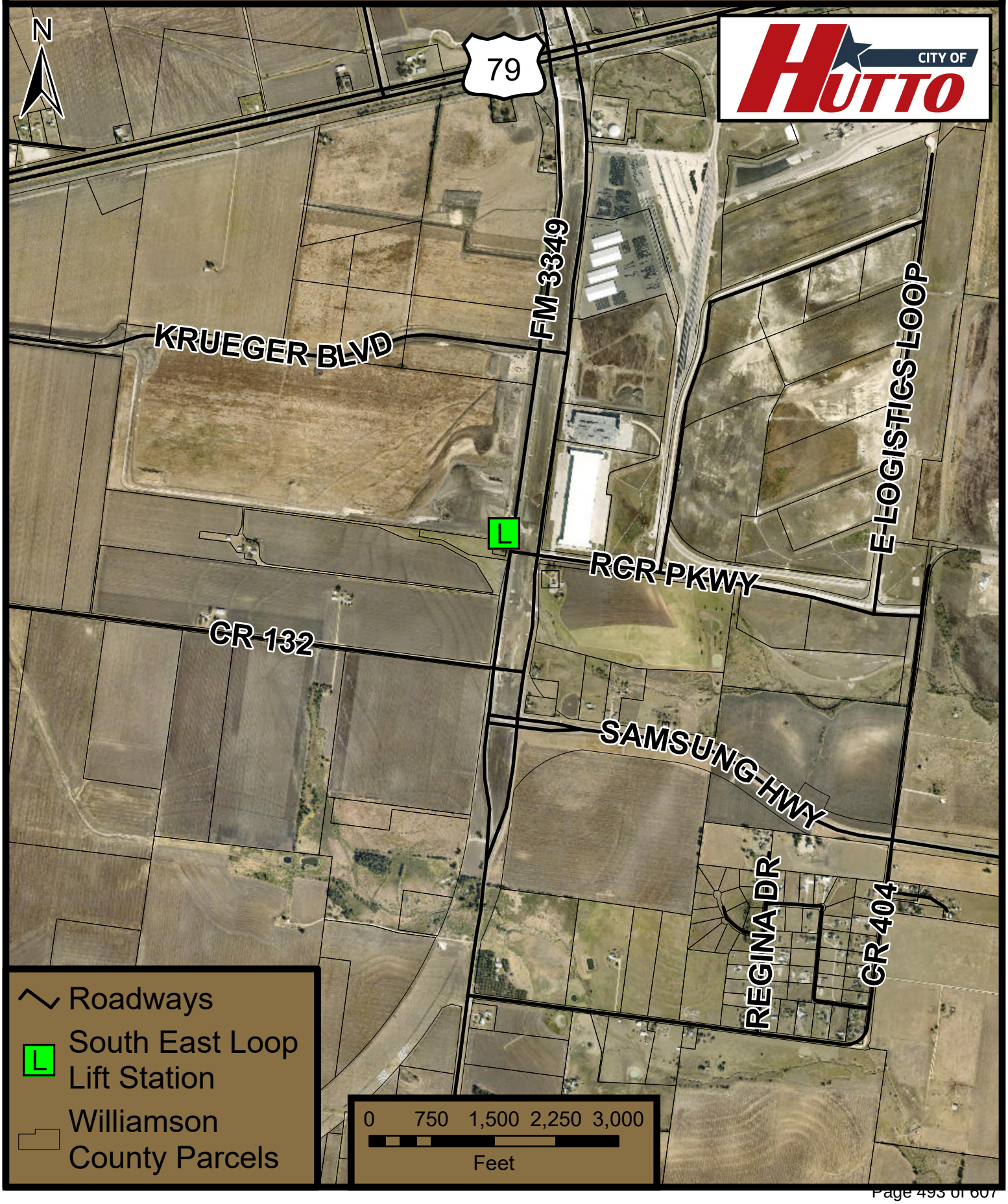
· ATS (Automatic Transfer Switch)- Reset and adjusted 12-10-2025

o Burn damage, may be shorted, can't get status points.- Corrected 12-10-2025

o Cummings installed, need their guy to come to site to address- Cummins arrived on site 12-10-2025 @ 10:00am. Corrected all listed deficiencies.

· Site cleanliness-Mc Kee Contractor currently utilizing LS site for staging and equipment parking. This contractor will clean site upon completion.

Hutto Emergency Wastewater Improvements
South East Loop Lift Station



CITY OF HUTTO
MAINTENANCE BOND
BOND No. 3005823

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

KNOW ALL MEN BY THESE PRESENTS,

That, J.M. Pipeline, LLC, a [corporation, limited partnership, etc.] having a principal place of business at P.O. Box 1999, Burnet, TX 78611, as Principal and Harco National Insurance Company, a corporation authorized to issue surety bonds in the State of Texas, and having an office and place of business in Texas at , as Surety, are held and firmly bound unto the CITY OF HUTTO, TEXAS, a home-rule municipal corporation organized under the laws of the State of Texas with principal administrative offices at Hutto City Hall, 500 West Live Oak Street, Hutto, Texas 78634 in Williamson County, Texas, as Obligee, in the sum of One Million Seven Hundred Nine Thousand Seven Hundred Fourteen Dollars and No Cents DOLLARS ($1,709,714.00) lawful money of the United States, for the payment whereof to the Obligee, the Principal and the Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly to these presents:

WHEREAS, Principal is responsible for the completion of Megasite Wastewater Lift Station-South East Loop Project located at Hutto, Texas in Williamson County, Texas (the "Work"), [as per the map or plat thereof recorded in N/A of the Deed Records of Williamson County, Texas under Williamson County Clerk File Number and ;][under a certain contract between Principal and Obligee for said Work approved by the Hutto City Council by the attached Resolution;

WHEREAS, Principal has certified in writing to Obligee that all required Work has been completed in accordance with the approved construction plans and Obligee's applicable standards and specifications;

WHEREAS, Principal has requested that the City of Hutto, Texas acknowledge completion and acceptance of the Work as provided by the Code of Ordinances of the City of Hutto, Texas, the issuance of such certificate being subject to the requirement that Principal shall correct all defects within publicly dedicated improvements and Work done for the benefit of Obligee that occur within two (2) years of the date of the acceptance of the Work;

WHEREAS, under the terms of the specifications for the Work, Principal is required to give a bond equal to100 % of the amount of the contract to protect the Obligee against the result of faulty materials or workmanship for a period of 24 months after acceptance of the Work; and

WHEREAS, this Bond is intended as satisfying that bonding obligation of Principal to Obligee.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the above-

named Principal shall correct any defects to the Work within Two (2) Years from the date of the issuance of the above-described certificate of completion, then this obligation is to be void; otherwise, to remain in full force and effect.

It is hereby understood and agreed that if Principal shall fail to correct any defects in the required improvements as required by such ordinances and regulations, then the [Planning Commission of the City of Hutto, Texas][the Obligee] may thereupon declare this bond to be in default and collect the sum remaining payable thereunder and upon receipt of the proceeds thereof, the Obligee may install or repair such improvements as are covered by this bond.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this 16th **day of** December **20** 25.

J.M . Pipeline, LLC
Principal

By: Lyle Cowles
Title: Office Manager
Address: PO Box 1999, Burnet, TX 78611

Harco National Insurance Company
Surety

By: Craig Parker
Title: Attorney-In-Fact (Craig Parker)
Address: 4200 Six Forks Road Suite 1400
Raleigh NC 27609

The name and address of the Resident Agent of Surety in Williamson County, Texas, is:
The Nitsche Group, 143 E. Austin, Giddings TX 78942

POWER OF ATTORNEY

Bond # 3005823

HARCO NATIONAL INSURANCE COMPANY
INTERNATIONAL FIDELITY INSURANCE COMPANY

Member companies of IAT Insurance Group, Headquartered: 4200 Six Forks Rd, Suite 1400, Raleigh, NC 27609

KNOW ALL MEN BY THESE PRESENTS: That **HARCO NATIONAL INSURANCE COMPANY**, a corporation organized and existing under the laws of the State of Illinois, and **INTERNATIONAL FIDELITY INSURANCE COMPANY**, a corporation organized and existing under the laws of the State of New Jersey, and having their principal offices located respectively in the cities of Rolling Meadows, Illinois and Newark, New Jersey, do hereby constitute and appoint

GARY A. NITSCHE, NINA K. SMITH, KENNETH NITSCHE, ROBERT K. NITSCHE, CRAIG T. PARKER, ROBERT JAMES NITSCHE, JENNIFER J. BIEHLE

Giddings, TX

their true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY**, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by their regularly elected officers at their principal offices.

This Power of Attorney is executed, and may be revoked, pursuant to and by authority of the By-Laws of **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY** and is granted under and by authority of the following resolution adopted by the Board of Directors of **INTERNATIONAL FIDELITY INSURANCE COMPANY** at a meeting duly held on the 13th day of December, 2018 and by the Board of Directors of **HARCO NATIONAL INSURANCE COMPANY** at a meeting held on the 13th day of December, 2018.

"**RESOLVED**, that (1) the Chief Executive Officer, President, Executive Vice President, Senior Vice President, Vice President, or Secretary of the Corporation shall have the power to appoint, and to revoke the appointments of, Attorneys-in-Fact or agents with power and authority as defined or limited in their respective powers of attorney, and to execute on behalf of the Corporation and affix the Corporation's seal thereto, bonds, undertakings, recognizances, contracts of indemnity and other written obligations in the nature thereof or related thereto; and (2) any such Officers of the Corporation may appoint and revoke the appointments of joint-control custodians, agents for acceptance of process, and Attorneys-in-fact with authority to execute waivers and consents on behalf of the Corporation; and (3) the signature of any such Officer of the Corporation and the Corporation's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seals when so used whether heretofore or hereafter, being hereby adopted by the Corporation as the original signature of such officer and the original seal of the Corporation, to be valid and binding upon the Corporation with the same force and effect as though manually affixed."

IN WITNESS WHEREOF, **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY** have each executed and attested these presents on this 31st day of December, 2024

INTERNATIONAL FIDELITY INSURANCE COMPANY CORPORATE SEAL 1904 NEW JERSEY

STATE OF NEW JERSEY
County of Essex

STATE OF ILLINOIS
County of Cook

HARCO NATIONAL INSURANCE COMPANY CORPORATE SEAL 1984 ILLINOIS

Michael F. Zurcher
Executive Vice President, Harco National Insurance Company
and International Fidelity Insurance Company

On this 31st day of December, 2024, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said he is the therein described and authorized officer of **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY**; that the seals affixed to said instrument are the Corporate Seals of said Companies; that the said Corporate Seals and his signature were duly affixed by order of the Boards of Directors of said Companies.

CATHY CRUZ NOTARY PUBLIC STATE OF NEW JERSEY

IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my Official Seal, at the City of Newark, New Jersey the day and year first above written.

Cathy Cruz a Notary Public of New Jersey
My Commission Expires April 16, 2029

CERTIFICATION

I, the undersigned officer of **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY** do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Sections of the By-Laws of said Companies as set forth in said Power of Attorney, with the originals on file in the home office of said companies, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this day, December 16, 2025

A00134

Irene Martins, Assistant Secretary

IMPORTANT NOTICE

To obtain information or make a complaint:

You may contact Harco National Insurance Company at:

1-800-333-4167

You may also write to: Harco National Insurance Company c/o IAT Surety at:

Attn: Claims Department
One Newark Center, 20th Floor
Newark, NJ 07102

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 149104
Austin, TX 78714-9104
Fax: (512) 490-1007
Web: 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 agent or the company first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

ATTACH THIS NOTICE TO YOUR BOND:
This notice is for information only and does not become a part or condition of the attached document.

AVISO IMPORTANTE

Para obtener información o para presentar una queja:

Usted puede comunicarse con su Harco National Insurance Company al:

1-800-333-4167

Usted tambien puede escribir a Harco National Insurance Company c/o IAT Surety at:

Attn: Claims Department
One Newark Center, 20th Floor
Newark, NJ 07102

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 149104
Austin, TX 78714-9104
Fax: (512) 490-1007
Web: 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 agente o la compania primero. Si no se resuelve la disputa, puede entonces comunicarse con el departamento (TDI).

UNA ESTE AVISO A SU FIANZA DE GARANTIA:
Este aviso es solo para proposito de informacion y no se convierte en parte o condicion del documento adjunto.

RESOLUTION NO. R-2026-XXX

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, APPROVING INFRASTRUCTURE IMPROVEMENTS FOR THE SUBDIVISION KNOWN AS HUTTO MEGASITE WASTEWATER LIFT STATION, IN THE CITY OF HUTTO, WILLIAMSON COUNTY; PROVIDING PROPER NOTICE AND MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the public infrastructure improvements for Hutto Megasite Wastewater Lift Station have been constructed and are ready for acceptance, and;

WHEREAS, a final inspection was conducted by the City Construction Inspection and Public Works staff on all streets, sidewalks, ramps, drainage, water, and wastewater improvements, and;

WHEREAS, Harco National Insurance Company submitted warranty bonds to cover the material and workmanship for two years, and;

WHEREAS, City Council desires to maintain the Agreement with J.M. Pipeline, LLC at Hutto Megasite Wastewater Lift Station; and Individual Project Orders, related thereto, as long as Services for the Capital Improvement Projects are warranted.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to accept the infrastructure and enter into a two-year maintenance period.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 4: This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th day of January 2026 on vote of __AYES; ___NAYS; __ABSTENTIONS

CITY OF HUTTO, TEXAS

_____
Mike Snyder, Mayor

ATTEST:

_____
Laura Hallmark, City Secretary

Mega Site LS

12/29/2025 / Edward Hill

Incomplete

Score	0 / 7 (0%)	Flagged items	0	Actions	0

Conducted on 12/29/2025 12:45 PM CST

Previous issues: Pre 12-10-2025

*Crane is missing a locking mechanism (pin) on the crane swivel.

* Alarm keeps going off
  * Not getting voltage for inputs
  * Flow meter not showing on controller.
* ATS (Automatic Transfer Switch) -Terminal board was grounding out on ATS.

On 12-10-2025
Corrective measures taken:
* Cummins/Asco techs changed out board on ATS.
*Pump Panel- Pump 2 no longer failing.
*Xylem Techs changed the settings and eleviated faulting problem. Photos confirm functional status.

*Crane is missing a locking mechanism (pin) on the crane swivel -Repaired 12-17-2025

*External piping also grounded for lightning protection.

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Prepared by Edward Hill

Inspection	0 / 7 (0%)
Project	
Name of project	
Who is the contractor?	
Proposed Completion Date	
NTP Date	
	0°F Should be between 1°F to 200°F
Weather	
Site conditions	
Day	
Site Visit	
Condition of erosion controls	
Number of requested rain days	
Significant event	
Any conversations that needed to be documented	
Number of people onsite	

Media summary

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

AGENDA ITEM REPORT
9.9.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-009 approving the Professional Services Agreement by and between the City of Hutto and the Lakeside Municipal Utility District No. 9. (Sara Cervantes)
Meeting:	Thursday, January 8, 2026
Department:	Community Services & Culture /
Staff Contact:	Sara Cervantes

ITEM SUMMARY:

This Professional Services Agreement ("Agreement") by and between the City of Hutto ("City") and the Lakeside Municipal Utility District No. 9 (the "MUD"), collectively the "Parties", is an ancillary document related to the First Amended and Restated Comprehensive Development and Consent Agreement ("Development and Consent Agreement") between the Parties approved by Council in October of 2025. This Agreement outlines the professional services to be provided by the City to the MUD as it relates to the provision of wholesale wastewater service.

As a reminder, this Agreement was presented to the MUD Board of Directors at the December 9. 2025 meeting and approved. This document is the third and final document required under the Development and Consent Agreement between the Parties.

FISCAL NOTES:

This Agreement contains no fiscal aspects as the previously executed Wholesale Wastewater Agreement accounts for the fees to be charged to pay for the services provided herein.

ATTACHMENTS:

1. Lakeside MUD No. 9 Professional Services Agreement_Partially Executed_01.08.2025
2. Resolution.Professional Services Agreement_Lakeside MUD No. 9

INTERLOCAL PROFESSIONAL SERVICES AGREEMENT

The City of Hutto, Texas, a Texas home-rule municipal corporation (the "City") and Lakeside Municipal Utility District No. 9 (the "District"), a municipal utility district organized under Chapter 54 of the Texas Water Code, each a "Party" and collectively the "Parties", enter into this Interlocal Professional Services Agreement (the "Professional Services Agreement") on the ___ day of January, 2026 ("Effective Date") for the provision of professional services related to the operation, maintenance, and management of wastewater collection and transportation systems.

RECITALS

WHEREAS, Rowe Lane Development, Ltd. plans to or is currently constructing a sanitary wastewater collection and transportation system which will serve customers located within the geographic boundaries of the District and the District desires to obtain professional services for the operation, maintenance, and management of the system;

WHEREAS, the Parties entered into a First Amended and Restated Wholesale Wastewater Service Agreement "Wastewater Service Agreement" dated December 18, 2025, as may be amended, for the purposes of coordinating wastewater service from the City to the District;

WHEREAS, the Wastewater Service Agreement provides for the execution of this Interlocal Professional Services Agreement for the provision of professional services related to the operation, maintenance, and management of wastewater collection and transportation systems by the City for the District; and

WHEREAS, the Parties desire to enter into this Interlocal Professional Services Agreement to govern the City's operation, maintenance, and management of the System.

NOW, THEREFORE, the Parties hereby agree as follows:

I. DEFINITIONS

"Construction Schedule" means the District prepared, and amended as appropriate, schedule for construction showing the portions of the System that have been advertised for bidding, including the anticipated date for operation or connection of such portions of the System. The parties agree that the construction schedule, as amended from time to time, shall be attached as **Exhibit A** to this Professional Services Agreement.

"Developer" means Rowe Lane Development, Ltd., a Texas limited partnership.

"First Amended and Restated Comprehensive Development and Consent Agreement" or "Consent Agreement" means the Comprehensive Development and Consent Agreement Between Rowe Lane Development, Ltd. and the City of Hutto, Texas dated May 13, 2021, amended October 16, 2025 via Resolution No. R-2025-314, containing the City's consent to the creation of the municipal utility district and all ancillary governing terms, as may be amended and restated.

"First Amended and Restated Wholesale Wastewater Agreement" or "Wastewater Service Agreement" means the Wholesale Wastewater Service Agreement between the District and the City, dated May 9, 2024, amended November 6, 2025 via Resolution No. R-2025-356 governing the provision of wastewater service to the District and contemplating the City's provision of professional services related thereto.

"Non-Routine Maintenance, Repair, and Replacement Services" shall include the following:

a. Installation of additional equipment not included in the original design,
b. excavation and repair or replacement of underground lines or underground equipment,
c. calibration and servicing of instrumentation, control systems and other electronic equipment. and
d. other necessary maintenance that requires special skills and/or tools, performed in conformance with equipment manufacturer's recommendations to maintain warranties and to extend the useful life of the equipment.

"Outside City Flat Sewer Rate" means the flat sewer rate set by the City for sewer accounts that have water service from Manville Water Supply Corporation or Jonah Special Utility District.

"Scheduled Maintenance Program" means the City document prescribing the processes through which the City shall maintain equipment within the System.

"System" means the Developer or District owned facilities, equipment, lands, and rights-of-way for the collection and transportation of wastewater, and any extensions or additions thereto, to be constructed to serve wastewater customers in the District.

II. RECITALS

The recitals set forth above are true and correct and incorporated herein and made a part hereof as findings for all purposes.

III. ADMINISTRATIVE SERVICES

3.01 ORGANIZATION

The City shall administer the work, activities, and operations of the District's wastewater systems in accordance with the terms of this Professional Services Agreement and the Consent Agreement.

3.02 PERSONNEL

The City shall provide competent, trained personnel. System supervisors and/or operators shall be licensed or certified by the appropriate State governmental authority. Accounting, billing, and field personnel shall be trained to be professional and courteous in dealing directly with the District's customers.

3.03 START UP

The City shall:

a) Maintain all of the District's customer information and records necessary to provide monthly billings to the District's customers.

b) Inventory and maintain a listing of all of the District's equipment including manufacturers' model and serial numbers, motor frame numbers, and other such data as required to provide relevant information for the scheduled maintenance and repair or replacement of the equipment comprising the System.

3.04 MAINTENANCE SCHEDULING

The City shall implement a Scheduled Maintenance Program for System equipment. The City shall ensure that System equipment is maintained in the same fashion and with the same frequency as equipment owned and operated by the City or as may be required by Texas Commission on Environmental Quality or other regulatory agency with jurisdiction. Because the District is under the continuing supervision of the Texas Commission on Environmental Quality, City shall submit its Scheduled Maintenance Program to the District for comment.

3.05 24 HOUR SERVICE

The City shall maintain a 24-hour telephone and dispatch service with qualified personnel to respond to customer problems and equipment malfunctions within the District in the same manner and fashion as for retail customers located within the City limits.

3.06 AUTOMATIC TELEPHONE ALARM

The City shall monitor computer or automatic dialed telephone alarm systems at any of the wastewater facilities within the District, which are installed and programmed to call the City's Supervisory Control and Data Acquisition network. City shall notify the District of all alarm responses it makes to District facilities.

3.07 EMPLOYEE IDENTIFICATION

The City's operating and maintenance employees shall be readily identifiable to customers within the District by distinctive clothing. Service vehicles shall have the City emblem prominently displayed.

3.08 COORDINATION WITH CONSULTANTS

The City shall coordinate with other consultants, such as attorneys, engineers, general manager, contractors, auditors, tax assessors, and financial advisors hired by the Developer and/or the District as necessary to maintain efficient operation of the System.

3.09 INQUIRIES AND CORRESPONDENCE

The City shall respond to inquiries or correspondence related to the City's provision of services under this Professional Services Agreement from governmental or regulatory authorities and the District's directors, customers or consultants in a prompt, professional manner.

3.10 DISTRICT MEETINGS

The City's Utility Field Manager, or other City representative designated by the City Manager, shall attend regularly scheduled meetings which have an agenda item relating to the District's operations. The City representative will have direct knowledge of the District's on-going operations or agenda items as appropriate.

3.11 CUSTOMER RELATIONS

The City shall render reasonable assistance in the promotion of good relations with the customers located within the District and act in a manner befitting a professional contractor of the District.

IV. WHOLESALE WASTEWATER SERVICE AND FEES

4.01 SERVICE

Wholesale wastewater service shall be provided to the District by the City pursuant to the Wastewater Service Agreement.

4.02 FEES

Developer shall collect from builders and pay impact fees due under the Wastewater Service Agreement directly to the City as provided in the Wastewater Service Agreement. All other fees and amounts due under the Wastewater Service Agreement shall be funded from revenues collected by the City for the District.

V. RETAIL WASTEWATER MANAGEMENT SERVICES

5.01 SYSTEM OPERATIONS

The City shall provide, at a minimum, the personnel, vehicles, hand tools, spare parts, and other equipment necessary for the operation of the System.

5.02 BOOKKEEPING SERVICE

The District shall maintain its own bookkeeping services and records. The City will provide operating records as needed to assist the District with compliance with the requirements of the Texas Commission on Environmental Quality (or its successors) as outlined in the Water District Financial Management Guide located at Water District Financial Management Guide - Texas Commission on Environmental Quality - www.tceq.texas.gov.

5.03 BILLING, COLLECTION, AND CUSTOMER DEPOSITS

a) City Obligations. The City shall:

i) Collect all revenues arising from the rates and charges set by the District;

ii) Resolve billing disputes with individual customers consistent with its in-city procedures; and

iii) Collect and maintain security deposits on the District's behalf.

The District agrees that security deposits and interest earned thereon may be maintained in the City's accounts.

b) District Obligations. During the term of this Professional Services Agreement, in the event that wastewater billing and collection services are provided by a third party (other than the City), the District shall:

i) Provide the City with an initial list of all of the District's wastewater customers within its billing service area as of the effective date of this Professional Services Agreement, including the service address and whether the customer was a District wastewater customer prior to the effective date. The City will respond within ten (10) business days identifying the city services used by each customer.

ii) Provide the City, within five (5) business days after the end of each month, a report showing all disconnections, all new District wastewater connections made, and new wastewater service at an existing wastewater connection initiated during the prior calendar month within the billing service area, including the date and the customer's name and service address, and services provided. The City will respond within ten (10) business days confirming the city services used by each new connection.

c) Billing Inserts and Report.

i) The District agrees to allow the City to include billing inserts into monthly customer bills on request and subject to the approval by the District. The City agrees to pay all associated costs for the billing insert to the District within thirty (30) days of receipt of an invoice and will be responsible to pay the actual cost for the insert and any additional postage related thereto. The City understands an agrees to adhere to the policies, deadlines, and requirements set by the District's billing company for billing inserts.

ii) During the term of this Professional Services Agreement, in the event that wastewater billing and collection services are provided by a third party (other than the City), on or before the fifth day of each month, said third party shall submit a report to the City reflecting the amount of all services used and rates collected on behalf of the District and the City from customers within billing services area during the prior calendar month, identifying each customer and amount collected, and all past-due amounts by customer. The District shall apply all funds collected from customers first to City wastewater rates and then to the District's charges.

5.04 SYSTEM INSPECTION

The City shall monitor the District's facilities daily, including weekends and holidays as required by state regulations. This shall include lift stations. City employees, whenever they are within the District boundaries, shall monitor the System in order to observe leaks, defects,

damages and be alert for missing District equipment. City shall be responsible for resolving builder damage issues with the cooperation of the District.

5.05 ROUTINE MAINTENANCE

The City shall provide all personnel and equipment necessary for preventative maintenance tasks.

5.06 EXPENDABLE ITEMS

The City shall, at the City's expense, replace those items expended in the daily operation of the System. Those items include, but are not limited to, brooms, mops, dip nets, rakes, shovels, trash cans, hoses, nozzles, padlocks, and other such items.

5.07 MONTHLY OPERATIONS REPORT

The City shall render a monthly operations report, which shall include the following information, or other information to which the parties can agree:

a) Total number of wastewater service connections;

b) Records regarding non routine equipment repairs and replacements;

c) Abnormal changes in condition of the District's System, needed repairs and recommended schedules for the repair of such equipment;

d) Insurance claims filed on behalf of the District with the concurrence of the District;

e) Regular billing and collection reports regarding amounts payable to the District;

f) Summary of new wastewater connections installed, inspections performed, and fees collected;

g) Damage to the System and the possible causes thereof. In instances where the damage may be attributable to a contractor, builder, utility company or other entity, the City shall use its best efforts to identify the party responsible for such damage, including administrative costs thereof, and include such information in the monthly report. The District will assess and collect the cost of repairs from the responsible party and remit to City;

h) Upon request by the District, information and reports as may be required for audit of the District's accounts.

5.08 REGULATORY REPORTS

The City shall prepare and submit reports and other documents required by regulatory authorities. The City shall provide the District copies of all reports prior to submittals.

5.09 REGULATORY INSPECTIONS

The City shall advise the District of inspections by regulatory authorities. When possible, the City shall schedule regulatory inspections to provide an opportunity for a representative of the District (District Engineer) to attend such inspections.

VI. INSTALLATION AND INSPECTION OF SERVICES

6.01 GENERAL

All installation and inspection fees shall be collected from the District's customers in advance, and shall be equal in amount to the installation and inspection fees charged by the City to in-city wastewater customers. The City shall maintain permanent records showing the location of each sewer connection and inspection performed.

6.02 SANITARY SEWER INSPECTIONS

The City shall inspect each sanitary sewer connection to the District's system to assure compliance with the District's specifications and procedures when and as necessary. Inspections of connections to the District's system shall be subject to the fee for in-city inspections which shall be imposed according to City Ordinances. The inspection fee will be collected by the City from the customer requesting service.

6.03 OTHER INSPECTIONS

The City shall perform other inspections as requested or authorized by the District. Such inspections include, but are not limited to, grease traps, sample wells, or new facilities prior to acceptance by the District. The City may also participate in site inspections with contractors prior to the start of building activity to assist in verifying the condition of the District's system. All such other inspections shall be subject to such fees as are charged for similar in-city inspections or such fees authorized by the Consent Agreement.

VII. MAINTENANCE, REPAIR, AND REPLACEMENT SERVICES

7.01 MAINTENANCE

The City shall provide all personnel, tools, spare parts, and equipment necessary to perform maintenance on the District's facilities and equipment. Maintenance shall include, but not be limited to, the following:

a) Maintenance or replacement of pumps, motors, valves and other equipment of facilities.

b) Calibration and servicing of instrumentation, control systems and other equipment.

c) Other maintenance as necessary, which requires special skills and/or tools, performed in conformance with equipment manufacturer's recommendations to maintain warranties and to extend the useful life of the equipment.

7.02 REPAIR

The City shall provide all personnel and equipment necessary to perform repairs on, and shall bear sole cost responsibility for repair of, lines, facilities, equipment, collection and distribution systems including, but not limited to, service line leaks, manhole repairs, and sewer line repair and cleaning, as needed. The City shall not, however, bear cost responsibility for initial repair of any equipment or facilities identified by the City as in need of repair on the date of assumption of repair responsibility pursuant to the terms of this Professional Services Agreement. The District will assign contractors' warranties to the City, and the City will cause repairs to be made under the terms of the warranty. Subsequent to acceptance of facilities by the City, the City shall be responsible for all repairs or replacement of same.

7.03 REPLACEMENT

The City shall use a reasonable degree of care with respect to replacement of equipment or facilities but shall not be responsible to the District for any guarantees or warranties offered by others in connection with such equipment or facilities.

7.04 EMERGENCY RESPONSE

The City shall maintain personnel and equipment for emergency response 24 hours per day, seven days per week, 365 days per year. Emergencies shall include, without limitation, line breaks, and blockage in the sewage collection system. Additionally, the City shall undertake reasonable efforts to respond to requests by the District or its representatives or insistent residents.

7.05 MATERIALS AND SUPPLIES

The cost of all materials and supplies used to provide services under this Professional Services Agreement shall be borne solely by the City.

VIII. RATES, RESERVE FUND, AND WHOLESALE WASTEWATER RATE

8.01 RATES

(a) The wastewater service rate, as agreed to in the Wastewater Service Agreement and reiterated herein, shall be equal to the City's Outside City Flat Sewer Rate. This rate includes compensation for the City providing of wastewater under the

Wastewater Service Agreement and compensation for the operation, routine maintenance, billing, and management services contemplated herein.

(b) The City and the District agree that City's compensation for retail wastewater operation, routine maintenance, billing, and management services provided by the City, shall be satisfied from, and shall equal, the revenues collected by the City from the District's retail wastewater customers for retail wastewater service, excluding any amounts collected by the City on behalf of the District.

(c) Except as otherwise provided in this Professional Services Agreement or the Wastewater Service Agreement, all fees and charges assessed upon the District's retail wastewater customers by the City shall be set by the District to recover the following;

(i) compensating the City for providing wholesale sewer service,

(ii) compensating the City for services provided under this Professional Services Agreement,

(iii) the costs of operating the District, and

(iv) the costs of operating and maintaining District facilities.

No additional charges, fees or the like shall be assessed against Developer or the District for such services. The City shall collect all revenues arising from rates set by the District, pay all expenses arising from the services provided under this Professional Services Agreement, including amounts set by the District to compensate the City, and remit any remainder to the District.

(d) City may initiate a cost-of-service study on an annual basis to determine the fees associated with providing services under this Professional Services Agreement. The District will increase service fees within thirty (30) calendar days following an increase in fees by the City Council of the City to ensure that the City is adequately compensated for providing services under this Professional Services Agreement. The District will also reimburse the City as soon as possible, and no later than sixty (60) calendar days following an increase in fees by the City Council of the City for any costs incurred by the City as a result of the fee increase prior to the District raising the rates or fees assessed to District customers.

8.02 RESERVE FUND

The initial wastewater infrastructure maintenance and repair reserve fund rate under this Professional Services Agreement, shall be determined by the District's board of directors.

All amounts collected pursuant to the wastewater infrastructure maintenance and repair reserve fund rate shall be deposited and maintained by the District in a separate account that is reserved solely for payment of the costs incurred by the City or the District for Non-Routine Maintenance and/or Replacement Services for System. This rate shall be subject to change by action of the District's board of directors. The District shall reimburse the City for expenses incurred by the City for the costs of Non-Routine Maintenance, Repair, and Replacement Services for the System that exceed the reserved funds collected pursuant to the wastewater infrastructure maintenance and repair reserve fund rate**.**

8.03 USE OF CURRENT REVENUES

The Parties acknowledge and agree that the obligations and services provided under this Professional Services Agreement are governmental functions and the payment for and the performance of those governmental functions under this Professional Services Agreement will be made from current revenues legally available to each Party.

IX. MISCELLANEOUS PROVISIONS

9.01 RESPONSIBILITIES

(a) City Responsibilities. The City shall exercise a reasonable degree of care and diligence in the operation and maintenance of the System in conformity with applicable laws, rules and regulations.

(b) District Responsibilities. The District represents that the System is in good working order, does not contain any known defective equipment or facilities, is suitable and adequate for the needs of its customers and that all of its facilities are, or shall be, built in accordance with local, state and federal regulations. The District shall provide:

(i) All utilities and plant facilities necessary to commence operation of the System in a manner required to meet applicable regulations.

(ii) A complete set of record drawings of the System and any other information necessary for the administration of the System.

9.02 RELATIONSHIP OF THE DISTRICT AND THE CITY

The City shall serve in the capacity of an independent contractor for the District during the period of this Professional Services Agreement.

9.03 TEXAS MUNICIPAL LEAGUE INTERGOVERNMENTAL RISK POLL AND LIABILITY COVERAGE

(a) The City obtains Liability Coverage from the Texas Municipal League Intergovernmental Risk Poll and such Liability Coverage shall at all times during the effectiveness of the Professional Services Agreement maintain in full force and

effect Liability and Worker's Compensation Coverage covering the City's performance under this Professional Services Agreement. The City shall provide a copy of the Liability Coverage that provides liability coverage pursuant to this Professional Services Agreement.

(b) The District shall carry insurance in amounts adequate to cover the costs of repair or replacement of District facilities. The District shall provide copies of such insurance to the City.

9.04 FORCE MAJEURE

In the event that the City or the District is rendered unable, wholly or in part, by force majeure to carry out its obligations under this Professional Services Agreement, it is agreed that each party shall give written notice of such force majeure to the other party as soon as possible after the occurrence of the cause relied on and shall, therefore, be relieved of its obligations, so far as they are affected by such force majeure, during the continuance of any inabilities so caused, but for no longer. The term "force majeure," as employed herein, shall mean acts of God, strikes, lockouts, or other industrial disturbances, acts of the public enemy, orders of any kind of the government of the United States or of the state or any civil or military authority, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, hurricanes, storms, floods, washouts, disturbances, explosions, partial or entire failure of utilities, shortages of labor, material, supplies or transportation, or any other similar or different cause not reasonably within the control of the party claiming such inability.

9.05 FULL COMPENSATION

The compensation to be paid to the City herein is inclusive of any tax, assessment, or other charge which may be imposed upon the City by any governmental authority as a result of performing its obligations pursuant to this Professional Services Agreement.

9.06 GOVERNING LAW AND VENUE

This Professional Services Agreement, and all rights and obligations of the Parties hereto, shall be governed by and construed in accordance with the laws of the State of Texas, exclusive of conflict of law provisions. Venue of any suit brought under this Professional Services Agreement shall be in a court of competent jurisdiction in Williamson County, Texas. Parties irrevocably waive any objection to personal jurisdiction on *forum non conveniens*.

9.07 NOTICE

Notice required under this Professional Services Agreement shall be deemed delivered when deposited either in the United States mail (postage paid, certified, return receipt

requested) or with a common carrier (overnight, signature required) to the appropriate parties below.

The District
Lakeside Municipal Utility District No. 9
c/o Montoya and Monzingo
P.O. Box 2029
Pflugerville, TX 78691
Email: jeff@jeffmcpa.com

The City of Hutto
The City of Hutto
Attn: City Manager
500 W. Live Oak Street
Hutto, TX 78634
Email: James.Earp@huttotx.gov

With Copy to:
Bojorquez Law Firm, PC
Attn: Alan Bojorquez, City Attorney
11675 Jollyville Road, Suite 300
Austin, TX 78759
Email: alan@texasmunicipallawyers.com

9.08 TERM AND TERMINATION OF AGREEMENT

(a) This Professional Services Agreement shall take effect when executed by the City and District and shall continue in force for five (5) years after execution unless terminated earlier as provided below in this section.

(b) The District shall provide the City written notice of the expiration of this Professional Services Agreement at least one hundred and eighty (180) calendar days prior to the end of any pending term. Upon concurrence by the City and the District, this Professional Services Agreement may be renewed for an additional three-year period at the expiration of the initial term or any subsequent five-year term. At any time during a pending term, this Professional Services Agreement shall terminate at the time the land within the District is annexed by the City. Additionally, this Professional Services Agreement may be terminated by the District during a pending term, if the City has failed to adequately operate and maintain the District's system pursuant to the terms and conditions of this Professional Services Agreement; provided, however, that this right of termination may be enforced only after written notice has been given to the City of such failure and a reasonable opportunity is given to the City to cure the

deficient performance, which in no event shall be less than ninety (90) calendar days from the date of the notice.

9.09 NO ADDITIONAL WAIVER IMPLIED

The failure of any party hereto to insist, in any one or more instances, upon performance of any of the terms, covenants or conditions of this Professional Services Agreement, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant or condition by any other party hereto, but the obligation of such other party with respect to such future performance shall continue in full force and effect.

9.10 AMENDMENT

This Professional Services Agreement may be amended only by the mutual written agreement of the Parties. The Parties understand and agree that all amendments are subject to final approval by the City Council of the City of Hutto.

9.11 CAPTIONS

The captions appearing at the first of each numbered section in this Professional Services Agreement are inserted and included solely for convenience and shall never be considered or given any effect in construing this Professional Services Agreement, or any provision hereof, or in connection with the duties, obligations or liabilities of the respective parties hereto or in ascertaining intent, if any question of intent should arise.

9.12 SEVERABILITY

In the event that any provision of this Professional Services Agreement is deemed illegal, invalid, or unenforceable, it is the intent of the Parties that the remainder of this Professional Services Agreement shall not be affected.

9.13 CONSTRUCTION OF AGREEMENT

The parties agree that this Professional Services Agreement shall not be construed in favor of or against any party on the basis that the party did or did not author this Professional Services Agreement.

9.14 OTHER INSTRUMENTS

The parties hereto covenant and agree that they shall take such further actions, and shall execute and deliver such other and further instruments and documents as are or may become necessary or convenient to effectuate and carry out the intent of this Professional Services Agreement.

9.15 CONFLICT AMONG AGREEMENTS

In the event a conflict is determined to exist between the terms and conditions of the Consent Agreement and this Professional Services Agreement, the parties agree that the language of the Consent Agreement shall be controlling.

9.16 NO PERSONAL LIABILITY OF PUBLIC OFFICIALS OR THE CITY

To the extent permitted by State law, neither the City, any City agent or representative, nor any public official or employee shall be personally liable or responsible for any liability arising under or related to this Professional Services Agreement.

9.17 APPROVAL BY THE PARTIES

Whenever this Professional Services Agreement requires or permits approval or consent to be hereafter given by either of the Parties, the Parties agree that such approval or consent shall not be unreasonably withheld or delayed.

9.18 TIME

Time is of the essence of this Professional Services Agreement. In computing the number of days in a time period all days will be counted excluding the day of the event that triggers the period, including Saturdays, Sundays and Legal Holidays; however, if the final day of any time period falls on a Saturday, Sunday or legal holiday, then the final day will be deemed to be the next day that is not a Saturday, Sunday or Legal Holiday.

9.19 NO THIRD-PARTY BENEFICIARIES

This Professional Services Agreement is not intended to confer any rights, privileges or causes of action upon any non-party other than as to insurance, indemnity, defense, and hold harmless.

9.20 RESERVATION OF RIGHTS

To the extent not inconsistent with this Professional Services Agreement, each Party reserves all rights, privileges, and immunities under Applicable Laws.

9.21 EXHIBITS

EXHIBIT A – CONSTRUCTION SCHEDULE

EXECUTED in multiple copies, on the 9th day of December 2025, each of which shall constitute an original, on the dates set forth below:

Lakeside Municipal Utility District No. 9

By: _____
Joel Luton, President

Date: 12/09/2025

ATTEST:

_____
Bruce Dickey, Secretary

City of Hutto

By:_____
James R. Earp, CPM
City Manager

Date: _____

ATTEST:

_____
Laura Hallmark, City Secretary

CONSTRUCTION SCHEDULE

[The Construction Schedule will be attached when bids have been received and the schedule for completion of the primary lift station and force main serving the District has been defined. The Construction Schedule shall be amended from time to time, as appropriate, to show the portions of the System that have been advertised for bidding, including the anticipated date for operation or connection of such portions of the System.]

RESOLUTION NO. R-2026-XXX

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, APPROVING A PROFESSIONAL SERVICE AGREEMENT BETWEEN LAKESIDE MUNICIPAL UTILITY DISTRICT NO. 9 AND THE CITY OF HUTTO, TEXAS AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE AGREEMENT; PROVIDING PROPER NOTICE & MEETING, AND PROVING AN EFFECTIVE DATE.

WHEREAS, the City Council desires to approve the Professional Services Agreement between the City of Hutto and the Lakeside Municipal Utility District No, 9, and authorize the City Manager to execute the agreement (the "Agreement") attached as **Attachment A**.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the Professional Services Agreement, **Attachment A,** a copy of the same being attached hereto and incorporated herein for all purposes.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 4: This Resolution shall take effect immediately upon its passage.

PASSED AND APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th of January, 2026, on a vote of ____ AYES; _____ NAYS; and _____ ABSTENTIONS.

(Remainder of page intentionally left blank.)

CITY OF HUTTO, TEXAS:

_____

Mike Snyder, Mayor

ATTEST:

_____

Laura Hallmark, City Secretary

AGENDA ITEM REPORT
9.10.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-010 approving a revised version of the Hutto Megasite Tax Increment Reinvestment Zone Project and Financing Plan (TIRZ #3). (Alberta Barrett)
Meeting:	Thursday, January 8, 2026
Department:	Finance /
Staff Contact:	Alberta Barrett

ITEM SUMMARY:

During the FY 2026 budget process, Finance became aware that the Hutto Megasite Tax Increment Reinvestment Zone Project and Financing Plan (TIRZ #3) on file was not the final version.

On November 16, 2023, the Tax Increment Reinvestment Zone Number Three Board met and approved the TIRZ #3 project and financing plan. A motion was made by Board Member Lucas to approve as presented with a recommendation to City Council for approval. Seconded by Board Member Clark. Passed 5-0. The minutes are attached.

On December 7, 2023, the City Council approved the TIRZ #3 zone and financing plan by Ordinance No. O-2023-078. However, the attached plan stated preliminary and proposed throughout the document. Also, it referenced that Williamson County will contribute a portion of their total tax rate to participate in TIRZ #3. After discussing the discrepancies with the Economic Development Director, Cheney Gamboa, she indicated that Williamson County elected not to participate in this reinvestment zone and financing plan at this time.

This agenda item is being presented to clean up the document by removing all preliminary and proposed verbiage as well as removing Williamson County as a public sector participating in TIRZ #3.

Request City Council approval of the Hutto Megasite Tax Increment Reinvestment Zone Project and Financing Plan (TIRZ #3) as presented.

FISCAL NOTES:

There is no fiscal impact associated with this agenda item.

ATTACHMENTS:

1. Resolution TIRZ #3
2. Exhibit A - TIRZ#3 Project & Financing Plan

3. Red Line Version TIRZ #3 Project & Financing Plan
4. Draft Hutto Megasite Prelim TIRZ Plan TIRZ 102822 V2
5. O-2023-078_TIRZ 3 Project-Financing plan

RESOLUTION NO. R-2026-XXX

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, APPROVING A CLEAN VERSION OF THE HUTTO MEGASITE TAX INCREMENT REINVESTMENT ZONE PROJECT AND FINANCING PLAN (TIRZ #3); PROVIDING PROPER NOTICE AND MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, on November 16, 2023 the City of Hutto Tax Increment Reinvestment Zone Number Three Board met and approved the TIRZ #3 project and financing plan; and

WHEREAS, on December 7, 2023, the City of Hutto City Council approved the zone and financing plan by Ordinance O-2023-078

WHEREAS, at this meeting of January 8, 2026 the City is presenting a clean version of the Hutto Megasite Tax Increment Reinvestment Zone Project and Financing Plan (TIRZ #3); and

WHEREAS, the City Council desires to approve the TIRZ #3 project and plan as attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the TIRZ #3 project and financing plan Attachment, attached as Exhibit A, a copy of same being attached hereto and incorporated herein for all purposes.

SECTION 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 4. This Resolution shall take effect immediately upon its passage.

PASSED AND APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th day of January, 2026 on vote of ____ AYES; _____ NAYS; and _____

ABSTENTIONS.

(Remainder of page intentionally left blank.)

CITY OF HUTTO, TEXAS

_____
Mike Snyder, Mayor

ATTEST:

_____
Laura Hallmark, City Secretary

Hutto Megasite Tax Increment Reinvestment Zone
Project & Financing Plan

City of Hutto, Texas

January 8, 2026

Prepared by

TXP, Inc.
1310 South 1st Street, Suite 105
Austin, Texas 78704
(512) 328-8300 phone
www.txp.com

Table of Contents

Section 1 – Project Plan 3

Overview 4

Existing Tax Increment Financing Districts in the City of Hutto 4

Description of the Tax Increment Reinvestment Zone 3 4

Existing Zoning and Land Use Guidelines Applicable to TIRZ 3 6

Taxing Jurisdictions Applicable to TIRZ 6

Changes in Master Plans, Zoning Ordinances, and Building Codes 6

Relocation of Displaced Persons 6

Section 2 – Project Plan Improvements 6

Eligible Project Costs 7

Section 3 – Financing Plan 7

Compliance & Reporting 8

Public Sector Entities Participating in TIRZ 3 8

Financial Forecast Assumptions 8

Financial Forecast Summary Results 9

Conclusion 12

Appendix: Specific Properties within the TIRZ 3 13

Legal Disclaimer 14

List of Figures

Figure 1: TIRZ 3 Geographic Boundary 2
Figure 2: Existing Land Use within the TIRZ 3 2
Figure 3: Major Development Sites within TIRZ 3 3

List of Tables

Table 1: Existing Land Use of TIRZ 3 (2022) 1
Table 2: Taxing Jurisdictions within TIRZ 3 5
Table 3: TIRZ 3 Taxable Property Value 7
Table 4: TIRZ 3 Taxable Property Value Increment 8
Table 5: TIRZ 3 Taxable Revenue Increment @ 50% Contribution 9
Table 6: Properties within the TIRZ 11

Section 1 – Project Plan

Overview

The City of Hutto, Texas is implementing a tax increment reinvestment zone (TIRZ) to fund a portion of the infrastructure and development costs associated with industrial, manufacturing, datacenter, and warehouse projects at the Megasite. The new zone will be named TIRZ #3 – Megasite (TIRZ 3).

This document is designed to meet the legal requirements of designating a TIRZ. The statutes governing tax increment financing are in Chapter 311 of the State of Texas Tax Code. This feasibility study and project plan is required by state law.

Existing Tax Increment Financing Districts in the City of Hutto

There are two existing TIRZs in Hutto. According to state law, cities with less than 100,000 residents may not create a new TIRZ if the total appraised value of taxable real property in the reinvestment zone and in the existing reinvestment zones would exceed 50.0 percent of the total appraised value of taxable real property within the city and its industrial districts. In addition, a TIRZ may not be created if more than 30.0 percent of the property in the new TIRZ (excluding publicly-owned property) is used for residential purposes at the time of designation. The TIRZ 3 complies with these state rules.

Description of the Tax Increment Reinvestment Zone 3

The TIRZ 3 will cover approximately 1,537.4 acres (including roads and right of way). The 2022 baseline taxable property value of the TIRZ is approximately $1.6 million. See the appendix for the list of properties within the TIRZ. Note, some properties are within Hutto's ETJ but not within the city limits. These parcels can be included in the TIRZ, but they will not pay property tax revenue until annexed by the city.

Table 1: Existing Land Use of TIRZ 3 (2022)

Land Use	Est. Parcel Count	Acreage	City of Hutto Taxable Value	Williamson County Taxable Value
Single Family Res	1	0.9	$0	$241,211
Mobile Home with Land	1	0.7	$0	$0
Vacant Farmland	13	584.3	$0	$220,871
Farm & Ranch Improvements	6	411.6	$0	$1,172,792
Totally Exempt Property	10	452.5	$0	$0
Total	31	1,449.9	$0	$1,634,874

Source: Williamson Central Appraisal District; TXP, Inc.

Figure 1: TIRZ 3 Geographic Boundary

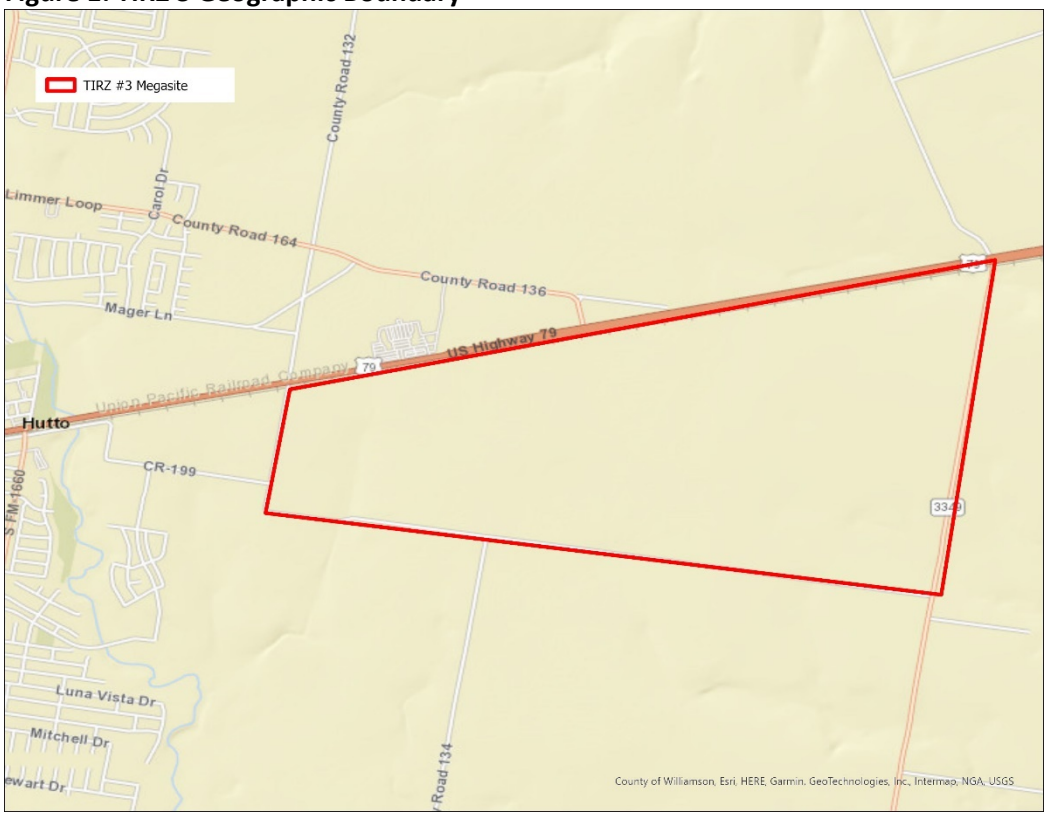


Figure 2: Existing Land Use within the TIRZ 3

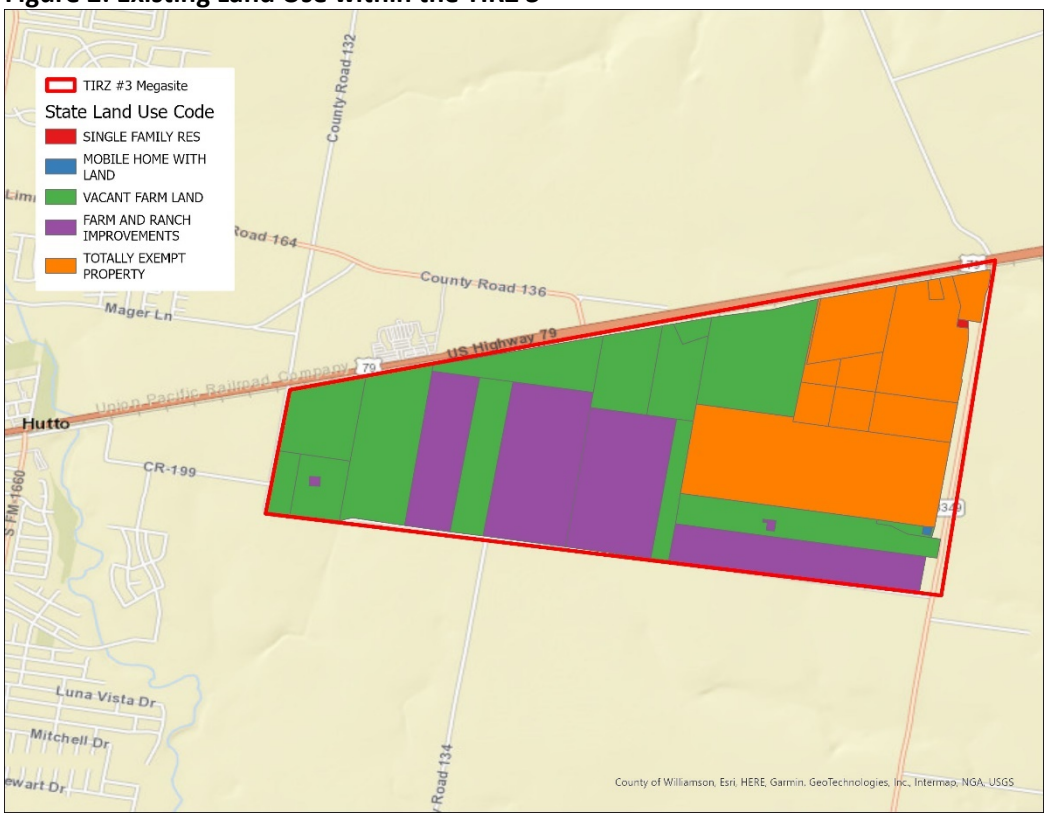
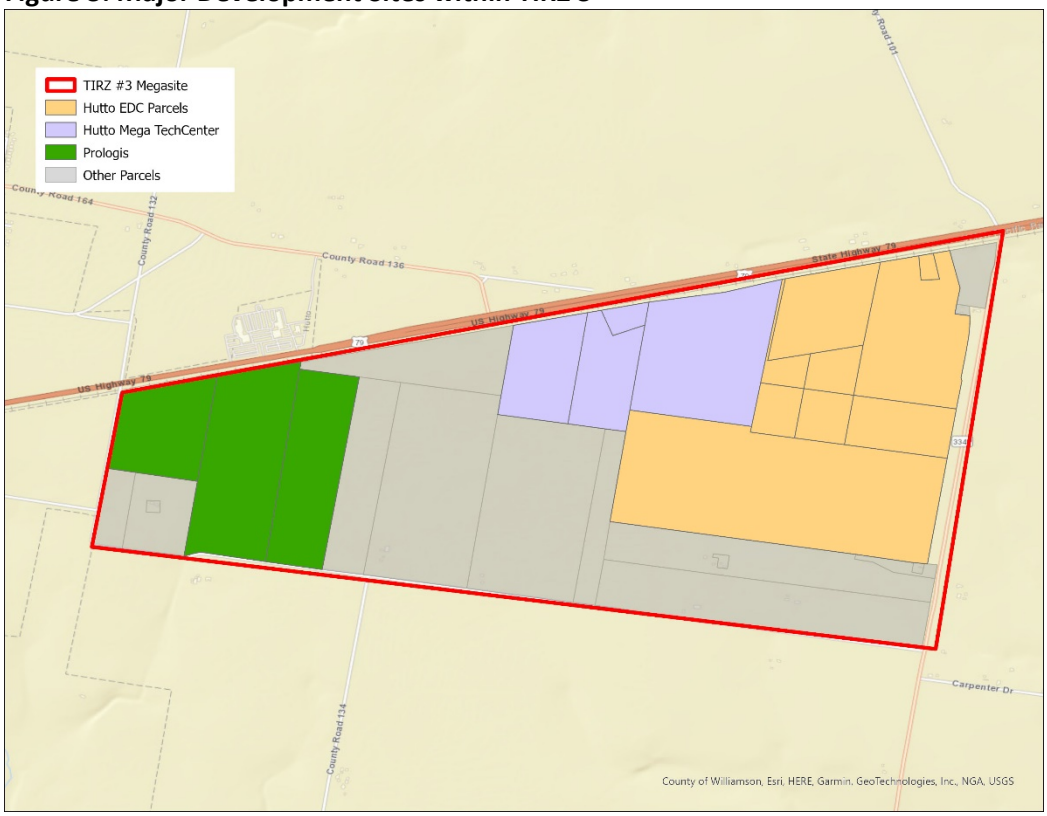


Figure 3: Major Development Sites within TIRZ 3



Existing Zoning and Land Use Guidelines Applicable to TIRZ 3

Existing Hutto land use, zoning guidelines, and policies would apply to all properties.

Taxing Jurisdictions Applicable to TIRZ

The TIRZ 3 is located within the following taxing jurisdictions:

- City of Hutto
- Williamson County and Williamson County CO FM/RD
- Williamson County ESD #3
- EWC Higher Ed Center
- Hutto ISD
- Lower Brushy Creek WC&ID

Changes in Master Plans, Zoning Ordinances, and Building Codes

There are no anticipated changes to the master development and zoning ordinances.

Relocation of Displaced Persons

This plan currently does not call for nor anticipate the displacement and relocation of persons for the projects.

Section 2 – Project Plan Improvements

TIRZ 3 will provide support for catalytic infrastructure and economic development projects that will facilitate the development of properties within the Megasite area of Hutto.

Public infrastructure investments are required to redevelop this area (ex. sewer and water). This is the priority of TIRZ 3. Additional infrastructure and enhancement projects are included in the project plan if the resources are available. In addition, other projects might be added to the list as future development projects and related opportunities present themselves. The anticipated project costs are divided into five major categories.

Eligible Project Costs

1. Parks & Streetscape Enhancements
This category includes gateway features, linear parks, corridor landscaping, public plazas, etc.

2. Infrastructure Improvements
This category includes water, sanitary sewer and storm water improvements, roadway and street intersection enhancements, public transportation, relocation of aboveground utilities, public sidewalks, public buildings, etc.

3. Economic Development Grants
It is anticipated that economic development loans or grants might be made to assist in creating the tax base that facilitates implementing the project plan. The City, with advisement from the TIRZ Board shall have the authority to establish and administer economic development programs, including but not limited to grants and loans, authorized under Chapter 380 of the Texas Local Government Code. Should such loans or grants be made, it will be done with the intent to fulfill the public purposes of developing and diversifying the economy, eliminating unemployment or underemployment, and developing or expanding transportation, business, and commercial activity in the TIRZ.

4. Non-Project Costs
Non-project costs are not anticipated at this time.

5. Administration & Implementation
Administration costs, including reasonable charges for time spent by City of Hutto employees, will be eligible for reimbursement as project costs.

Section 3 – Financing Plan

Tax increment financing is a tool used by local governments to publicly finance needed infrastructure and other improvements within a defined area. These improvements are usually undertaken to promote the viability of existing businesses and to attract new commercial enterprises to the area. The statutes governing tax increment financing are located in Chapter 311 of the State of Texas Tax Code.

The costs of improvements in the defined zone are repaid by the contribution of future property tax revenues by each taxing unit that levies taxes against the property. Specifically, each taxing unit can choose to dedicate all, a portion, or none of the tax revenue that is attributable to the increase in property values due to the improvements within the reinvestment zone. The additional tax revenue that is received from the affected properties is referred to as the tax increment. Each taxing unit determines what percentage of its tax increment, if any, it will commit to repayment of the cost of financing the public improvements.

Compliance & Reporting

The TIRZ Board policies shall comply with all federal, state, and local laws, rules and regulations. The TIRZ Board will submit project status reports and financial reports as required by state law.

Public Sector Entities Participating in TIRZ 3

All project costs will be paid through the contribution of incremental property taxes collections. This plan assumes that the City of Hutto will contribute a portion of their total tax rate (maintenance and operations (M&O) and interest and sinking (I&S) ad valorem tax rate for 25 years.

Table 2: Taxing Jurisdictions within TIRZ 3

Entity	Property Tax Rate per $100 (2022)
City of Hutto	$0.421980

Source: TXP, Inc.

Financial Forecast Assumptions

- **TIRZ Duration** – The TIRZ will have a 25-year lifespan.
- **TIRZ Allocation** – The City of Hutto will contribute 50 percent of their total incremental tax collections.
- **Tax Rate** – While tax rates do change over time, the 2022 tax rates were held constant for the duration of the TIRZ.
- **Existing Properties** – The 2022 baseline property value of the TIRZ is approximately $1.6 million but varies slightly by taxing jurisdiction based on exemptions offered.
- **Real Property** – Only taxable real property values are included in the tax increment calculations. By law, business personal property values are excluded from TIRZ.
- **ETJ Properties** – Properties in the ETJ will be offered a development agreement pursuant to Texas Local Government Code Section 212.172 for annexation and development of the property so that City property taxes can contribute to the zone. All Williamson County properties within the TIRZ boundary are included in this TIRZ.
- **Future Development Patterns** – To provide an order of magnitude estimate, TXP has projected the build out of the TIRZ based on the plans for the Megasite. Specifically, this forecast incorporates masterplans developed by Prologis and Titan Hutto Mega TechCenter. Development for the Hutto EDC owned parcels was based on inquiries from companies interested in the site.
- **Inflation & Appreciation Rate** – The inflation rate used for construction costs and the value of improvements is 2.5 percent per year.
- **Net Present Value** – The net present values of the tax increment were calculated at a discount rate of 5.0 percent.

Financial Forecast Summary Results

The following table depicts the anticipated revenue generated over 25 years. The revenue forecast assumes the TIRZ is established in 2022 (baseline year). The first TIRZ increment will occur in 2023 (total 2023 value less 2022 baseline value). Note, 2023 taxes are not due until January 2024.

Table 3: TIRZ 3 Taxable Property Value

Year	Period	City of Hutto
2022	0	$1,634,874
2023	1	$108,411,577
2024	2	$229,173,126
2025	3	$229,216,067
2026	4	$1,185,995,913
2027	5	$1,228,225,591
2028	6	$1,306,806,925
2029	7	$1,413,590,155
2030	8	$1,455,823,302
2031	9	$1,455,873,101
2032	10	$1,641,195,067
2033	11	$1,683,431,950
2034	12	$1,683,485,577
2035	13	$1,790,276,377
2036	14	$1,911,052,374
2037	15	$1,911,110,124
2038	16	$2,017,905,151
2039	17	$2,138,685,480
2040	18	$2,138,747,671
2041	19	$2,245,547,249
2042	20	$2,324,147,680
2043	21	$2,324,214,653
2044	22	$2,324,283,301
2045	23	$2,402,888,756
2046	24	$2,402,960,879
2047	25	$2,403,034,805

Source: TXP, Inc.

Table 4: TIRZ 3 Taxable Property Value Increment

Year	Period	City of Hutto
2022	0	$0
2023	1	$106,776,703
2024	2	$227,538,252
2025	3	$227,581,193
2026	4	$1,184,361,039
2027	5	$1,226,590,717
2028	6	$1,305,172,051
2029	7	$1,411,955,281
2030	8	$1,454,188,428
2031	9	$1,454,238,227
2032	10	$1,639,560,193
2033	11	$1,681,797,076
2034	12	$1,681,850,703
2035	13	$1,788,641,503
2036	14	$1,909,417,500
2037	15	$1,909,475,250
2038	16	$2,016,270,277
2039	17	$2,137,050,606
2040	18	$2,137,112,797
2041	19	$2,243,912,375
2042	20	$2,322,512,806
2043	21	$2,322,579,779
2044	22	$2,322,648,427
2045	23	$2,401,253,882
2046	24	$2,401,326,005
2047	25	$2,401,399,931

Source: TXP, Inc.

Table 5: TIRZ 3 Taxable Revenue Increment @ 50% Contribution

Year	Period	City of Hutto
2022	0	$0
2023	1	$225,288
2024	2	$480,083
2025	3	$480,174
2026	4	$2,498,883
2027	5	$2,587,984
2028	6	$2,753,783
2029	7	$2,979,084
2030	8	$3,068,192
2031	9	$3,068,297
2032	10	$3,459,308
2033	11	$3,548,424
2034	12	$3,548,537
2035	13	$3,773,855
2036	14	$4,028,680
2037	15	$4,028,802
2038	16	$4,254,129
2039	17	$4,508,963
2040	18	$4,509,094
2041	19	$4,734,431
2042	20	$4,900,270
2043	21	$4,900,411
2044	22	$4,900,556
2045	23	$5,066,406
2046	24	$5,066,558
2047	25	$5,066,714
Total		**$88,436,904**
NPV		**$41,128,062**

Source: TXP, Inc.

Conclusion

Based on the development concepts and activity zones within this area, anticipated tax revenue, and market demand projections, a TIRZ is economically and financially feasible. The TIRZ could generate substantial revenue to pay for infrastructure and redevelopment costs. Over the next 25 years, the TIRZ could generate $88.4 million in nominal TIRZ revenue. Using a 5.0 percent discount rate, the anticipated TIRZ could generate $41.1 million.

These projections are based on the best available datasets and information related to market conditions in the region. Given the high visibility of this area, for example, the substantial commitment of a few large developers could have a significantly positive impact on both the level and timing of future growth. Moreover, the financial projections make no allowance for positive spillover to the value of other properties in area as a result of new development (beyond inflation), which easily could occur. At the same time, a slowdown in development as a result of a weaker national economy, negative changes in key drivers of regional economy, or other unforeseen issues could materially reduce the volume of construction put in place, and resulting tax revenue, over the next 25 years.

Appendix: Specific Properties within the TIRZ 3

Table 6: Properties within the TIRZ

Property ID	Land Use Code	Taxable Value Williamson County
R345752	D1	$0
R395083	C	$8,913
R384600	D1	$150,850
R498062	F1	$0
R345747	E1	$0
R497285	D3	$241,211
R346016	D1	$23,609
R020943	D1	$0
R392815	D1	$37,478
R020941	A	$40,715
R346023	D3	$539,202
R021032	F1	$5,484
R432817	A	$0
R498070	D1	$0
R020918	E1	$109,696
R020939	D1	$0
R330327	C	$17,952
R384601	D1	$91,682
R345751	A	$0
R020915	F1	$16,895
R330352	A	$67,756
R498071	F1	$0
R329720	F1	$11,297
R020916	C	$14,562
R020925	A	$20,467
R432284	J3	$19,607
R020945	F1	$0
R330329	D1	$2,331
R080187	D1	$0
R082165	D1	$1,561
R345748	E1	$213,606

Source: TXP, Inc.

Legal Disclaimer

TXP, Inc. (TXP) reserves the right to make changes, corrections, and/or improvements at any time and without notice. In addition, TXP disclaims any and all liability for damages incurred directly or indirectly as a result of errors, omissions, or discrepancies. TXP disclaims any liability due to errors, omissions, or discrepancies made by third parties whose material TXP relied on in good faith to produce the report.

Any statements involving matters of opinion or estimates, whether or not so expressly stated, are set forth as such and not as representations of fact, and no representation is made that such opinions or estimates will be realized. The information and expressions of opinion contained herein are subject to change without notice, and shall not, under any circumstances, create any implications that there has been no change or updates.

Hutto Megasite Tax Increment Reinvestment Zone

~~Preliminary~~ Project & Financing Plan

City of Hutto, Texas

~~October 28, 2022~~

January 8, 2026

Prepared by

TXP, Inc.
1310 South 1st Street, Suite 105
Austin, Texas 78704
(512) 328-8300 phone
www.txp.com

Table of Contents

Section 1 – Project Plan 1

Overview 1

Existing Tax Increment Financing Districts in the City of Hutto 1

Description of the Tax Increment Reinvestment Zone 3 1

Existing Zoning and Land Use Guidelines Applicable to TIRZ 3 3

Taxing Jurisdictions Applicable to TIRZ 3

~~Proposed~~ Changes in Master Plans, Zoning Ordinances, and Building Codes 3

Relocation of Displaced Persons 3

Section 2 – Project Plan Improvements 4

Eligible Project Costs 4

Section 3 – Financing Plan 5

Compliance & Reporting 5

Public Sector Entities Participating in TIRZ 3 5

Financial Forecast Assumptions 6

Financial Forecast Summary Results 7

Conclusion 10

Appendix: Specific Properties within the TIRZ 3 11

Legal Disclaimer 12

List of Figures

Figure 1: ~~Proposed~~ TIRZ 3 Geographic Boundary.....2
Figure 2: Existing Land Use within the ~~Proposed~~ TIRZ 3 2
Figure 3: Major Development Sites within TIRZ 3.....3

List of Tables

Table 1: Existing Land Use of ~~Proposed~~ TIRZ 3 (2022) 1
Table 2: Taxing Jurisdictions within TIRZ 3.....5
Table 3: ~~Preliminary~~ TIRZ 3 Taxable Property Value 7
Table 4: ~~Preliminary~~ TIRZ 3 Taxable Property Value Increment.....8
Table 5: ~~Preliminary~~ TIRZ 3 Taxable Revenue Increment @ 50% Contribution 9
Table 6: Properties within the TIRZ.....11

Section 1 – Project Plan

Overview

The City of Hutto, Texas is considering implementing a tax increment reinvestment zone (TIRZ) to fund a portion of the infrastructure and development costs associated with industrial, manufacturing, datacenter, and warehouse projects at the Megasite. The ~~proposed~~ new zone would be named TIRZ #3 – Megasite (TIRZ 3).

This document is designed to meet the legal requirements of designating a TIRZ. The statutes governing tax increment financing are in Chapter 311 of the State of Texas Tax Code. This ~~preliminary~~ feasibility study and project plan is required by state law.

Existing Tax Increment Financing Districts in the City of Hutto

There are two existing TIRZs in Hutto. According to state law, cities with less than 100,000 residents may not create a new TIRZ if the total appraised value of taxable real property in the ~~proposed~~ reinvestment zone and in the existing reinvestment zones would exceed 50.0 percent of the total appraised value of taxable real property within the city and its industrial districts. In addition, a TIRZ may not be created if more than 30.0 percent of the property in the ~~proposed~~ new TIRZ (excluding publicly-owned property) is used for residential purposes at the time of designation. The ~~proposed~~ TIRZ 3 complies with these state rules.

Description of the Tax Increment Reinvestment Zone 3

The ~~proposed~~ TIRZ 3 will cover approximately 1,537.4 acres (including roads and right of way). The 2022 baseline taxable property value of the TIRZ is approximately $1.6 million. See the appendix for the list of properties within the TIRZ. Note, some properties are within Hutto's ETJ but not within the city limits. These parcels can be included in the TIRZ, but they will not pay property tax revenue until annexed by the city.

Table 1: Existing Land Use of ~~Proposed~~ TIRZ 3 (2022)

Land Use	Est. Parcel Count	Acreage	City of Hutto Taxable Value	Williamson County Taxable Value
Single Family Res	1	0.9	$0	$241,211
Mobile Home with Land	1	0.7	$0	$0
Vacant Farmland	13	584.3	$0	$220,871
Farm & Ranch Improvements	6	411.6	$0	$1,172,792
Totally Exempt Property	10	452.5	$0	$0
Total	31	1,449.9	$0	$1,634,874

Source: Williamson Central Appraisal District; TXP, Inc.

Figure 1: ~~Proposed~~ TIRZ 3 Geographic Boundary

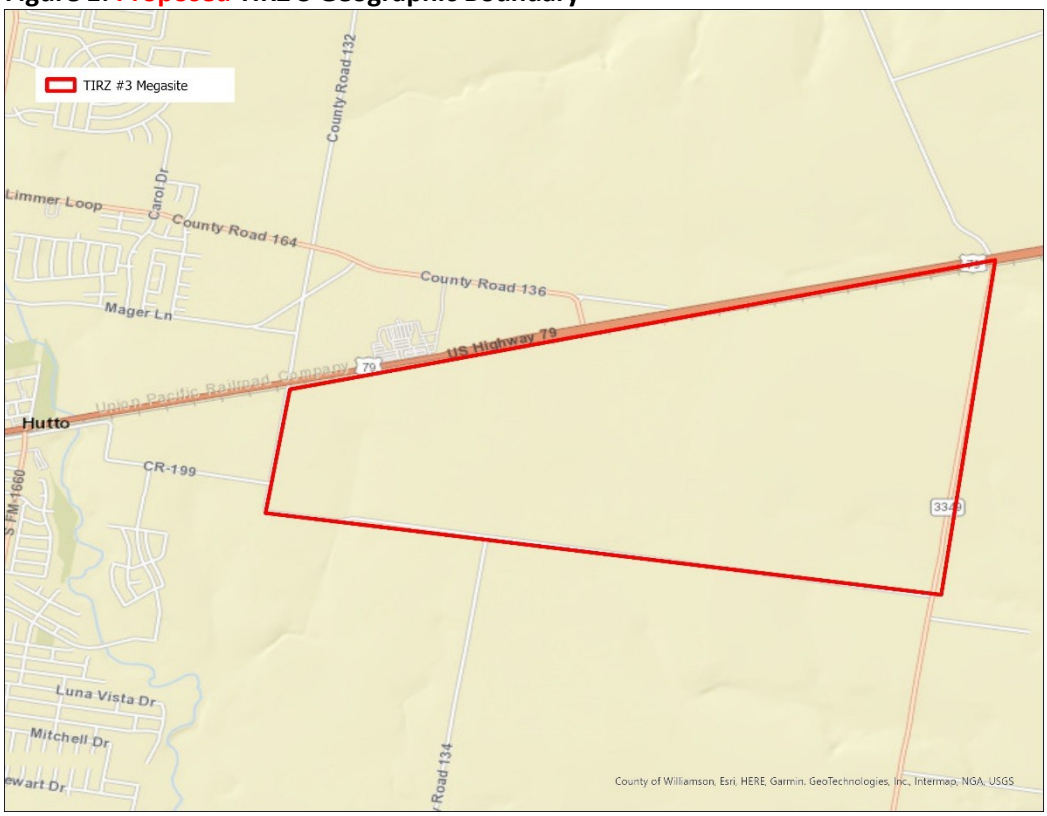


Figure 2: Existing Land Use within the ~~Proposed~~ TIRZ 3

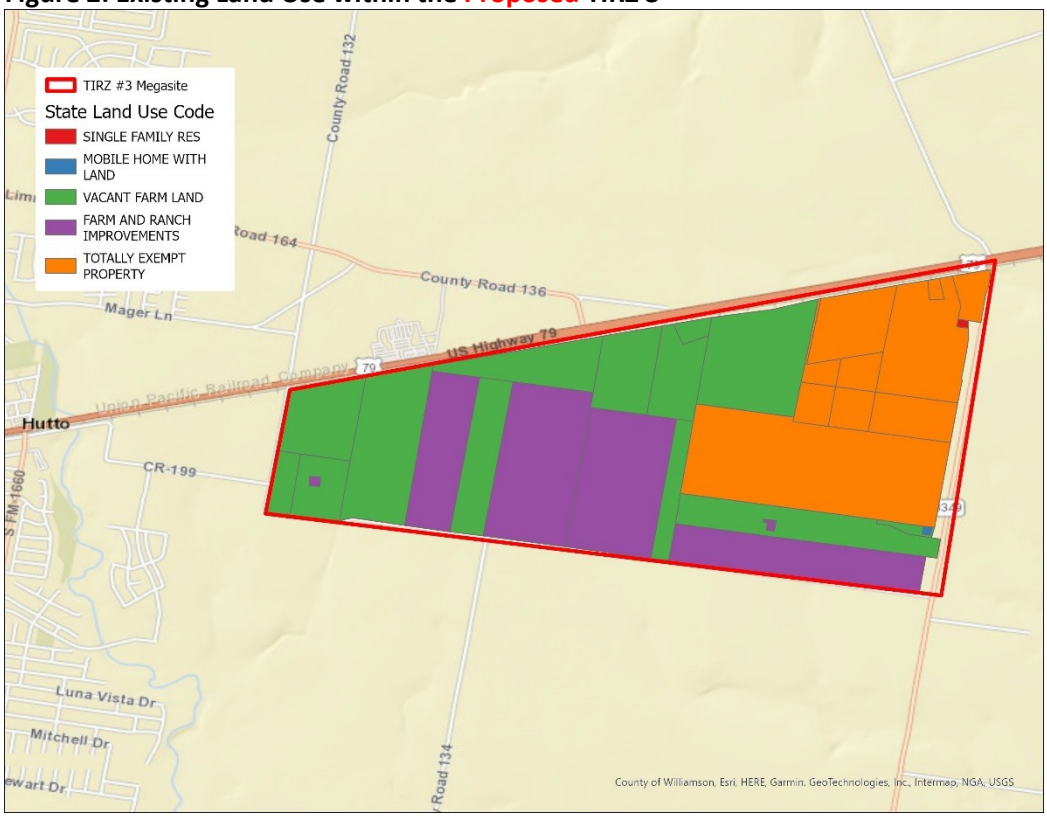
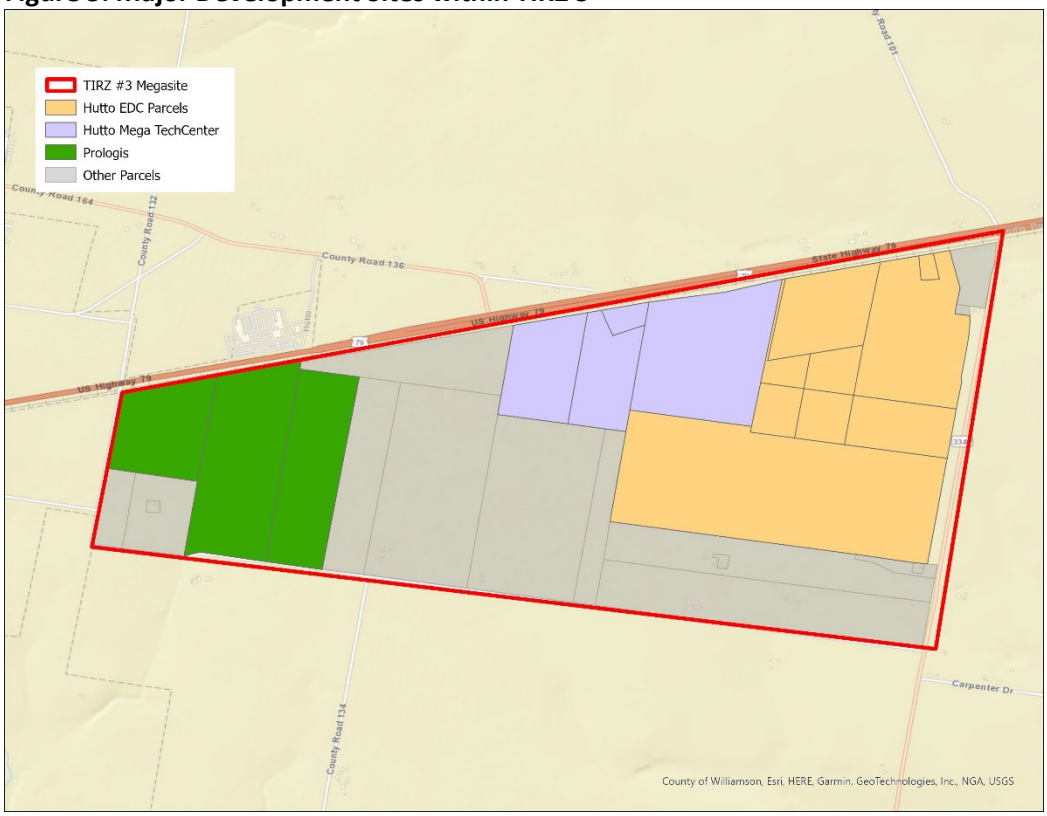


Figure 3: Major Development Sites within TIRZ 3



Existing Zoning and Land Use Guidelines Applicable to TIRZ 3

Existing Hutto land use, zoning guidelines, and policies would apply to all properties.

Taxing Jurisdictions Applicable to TIRZ

The ~~proposed~~ TIRZ 3 is located within the following taxing jurisdictions:

- City of Hutto
- Williamson County and Williamson County CO FM/RD
- Williamson County ESD #3
- EWC Higher Ed Center
- Hutto ISD
- Lower Brushy Creek WC&ID

~~Proposed~~ Changes in Master Plans, Zoning Ordinances, and Building Codes

There are no anticipated changes to the master development and zoning ordinances.

Relocation of Displaced Persons

This plan currently does not call for nor anticipate the displacement and relocation of persons for the ~~proposed~~ projects.

Section 2 – Project Plan Improvements

TIRZ 3 will provide support for catalytic infrastructure and economic development projects that will facilitate the development of properties within the Megasite area of Hutto.

Public infrastructure investments are required to redevelop this area (ex. sewer and water). This is the priority of TIRZ 3. Additional infrastructure and enhancement projects are included in the project plan if the resources are available. In addition, other projects might be added to the list as future development projects and related opportunities present themselves. The anticipated project costs are divided into five major categories.

Eligible Project Costs

1. Parks & Streetscape Enhancements
This category includes gateway features, linear parks, corridor landscaping, public plazas, etc.

2. Infrastructure Improvements
This category includes water, sanitary sewer and storm water improvements, roadway and street intersection enhancements, public transportation, relocation of aboveground utilities, public sidewalks, public buildings, etc.

3. Economic Development Grants
It is anticipated that economic development loans or grants might be made to assist in creating the tax base that facilitates implementing the project plan. The City, with advisement from the TIRZ Board shall have the authority to establish and administer economic development programs, including but not limited to grants and loans, authorized under Chapter 380 of the Texas Local Government Code. Should such loans or grants be made, it will be done with the intent to fulfill the public purposes of developing and diversifying the economy, eliminating unemployment or underemployment, and developing or expanding transportation, business, and commercial activity in the TIRZ.

4. Non-Project Costs
Non-project costs are not anticipated at this time.

5. Administration & Implementation
Administration costs, including reasonable charges for time spent by City of Hutto employees, will be eligible for reimbursement as project costs.

Section 3 – Financing Plan

Tax increment financing is a tool used by local governments to publicly finance needed infrastructure and other improvements within a defined area. These improvements are usually undertaken to promote the viability of existing businesses and to attract new commercial enterprises to the area. The statutes governing tax increment financing are located in Chapter 311 of the State of Texas Tax Code.

The costs of improvements in the defined zone are repaid by the contribution of future property tax revenues by each taxing unit that levies taxes against the property. Specifically, each taxing unit can choose to dedicate all, a portion, or none of the tax revenue that is attributable to the increase in property values due to the improvements within the reinvestment zone. The additional tax revenue that is received from the affected properties is referred to as the tax increment. Each taxing unit determines what percentage of its tax increment, if any, it will commit to repayment of the cost of financing the public improvements.

Compliance & Reporting

The TIRZ Board policies shall comply with all federal, state, and local laws, rules and regulations. The TIRZ Board will submit project status reports and financial reports as required by state law.

Public Sector Entities Participating in TIRZ 3

All project costs will be paid through the contribution of incremental property taxes collections. This ~~preliminary~~ plan assumes that the City of Hutto and Williamson County will contribute a portion of their total tax rate (maintenance and operations (M&O) and interest and sinking (I&S) ad valorem tax rate for 25 years.

Table 2: Taxing Jurisdictions within TIRZ 3

Entity	Property Tax Rate per $100 (2022)
City of Hutto	$0.421980
~~Williamson County Total~~	~~$0.375608~~
~~Williamson County~~	~~$0.338116~~
~~Williamson County FM/RD~~	~~$0.037492~~

Source: TXP, Inc.

Financial Forecast Assumptions

- **TIRZ Duration** – The TIRZ will have a 25-year lifespan.
- **TIRZ Allocation** – The City of Hutto and Williamson County will each contribute 50 percent of their total incremental tax collections.
- **Tax Rate** – While tax rates do change over time, the 2022 tax rates were held constant for the duration of the TIRZ.
- **Existing Properties** – The 2022 baseline property value of the TIRZ is approximately $1.6 million but varies slightly by taxing jurisdiction based on exemptions offered.
- **Real Property** – Only taxable real property values are included in the tax increment calculations. By law, business personal property values are excluded from TIRZ.
- **ETJ Properties** – Properties in the ETJ will be offered a development agreement pursuant to Texas Local Government Code Section 212.172 for annexation and development of the property so that City property taxes can contribute to the zone. All Williamson County properties within the TIRZ boundary are included in this TIRZ.
- **Future Development Patterns** – To provide an order of magnitude estimate, TXP has projected the build out of the TIRZ based on the ~~preliminary~~ plans for the Megasite. Specifically, this forecast incorporates ~~preliminary~~ masterplans developed by Prologis and Hutto Mega TechCenter. Development for the Hutto EDC owned parcels was based on inquiries from companies interested in the site.
- **Inflation & Appreciation Rate** – The inflation rate used for construction costs and the value of improvements is 2.5 percent per year.
- **Net Present Value** – The net present values of the tax increment were calculated at a discount rate of 5.0 percent.

Financial Forecast Summary Results

The following table depicts the anticipated revenue generated over 25 years. The revenue forecast assumes the TIRZ is established in 2022 (baseline year). The first TIRZ increment will occur in 2023 (total 2023 value less 2022 baseline value). Note, 2023 taxes are not due until January 2024.

Table 3: ~~Preliminary~~ TIRZ 3 Taxable Property Value

Year	Period	City of Hutto	~~Williamson County~~
2022	0	$1,634,874	~~$1,634,874~~
2023	1	$108,411,577	~~$108,411,577~~
2024	2	$229,173,126	~~$229,173,126~~
2025	3	$229,216,067	~~$229,216,067~~
2026	4	$1,185,995,913	~~$1,185,995,913~~
2027	5	$1,228,225,591	~~$1,228,225,591~~
2028	6	$1,306,806,925	~~$1,306,806,925~~
2029	7	$1,413,590,155	~~$1,413,590,155~~
2030	8	$1,455,823,302	~~$1,455,823,302~~
2031	9	$1,455,873,101	~~$1,455,873,101~~
2032	10	$1,641,195,067	~~$1,641,195,067~~
2033	11	$1,683,431,950	~~$1,683,431,950~~
2034	12	$1,683,485,577	~~$1,683,485,577~~
2035	13	$1,790,276,377	~~$1,790,276,377~~
2036	14	$1,911,052,374	~~$1,911,052,374~~
2037	15	$1,911,110,124	~~$1,911,110,124~~
2038	16	$2,017,905,151	~~$2,017,905,151~~
2039	17	$2,138,685,480	~~$2,138,685,480~~
2040	18	$2,138,747,671	~~$2,138,747,671~~
2041	19	$2,245,547,249	~~$2,245,547,249~~
2042	20	$2,324,147,680	~~$2,324,147,680~~
2043	21	$2,324,214,653	~~$2,324,214,653~~
2044	22	$2,324,283,301	~~$2,324,283,301~~
2045	23	$2,402,888,756	~~$2,402,888,756~~
2046	24	$2,402,960,879	~~$2,402,960,879~~
2047	25	$2,403,034,805	~~$2,403,034,805~~

Source: TXP, Inc.

Table 4: ~~Preliminary~~ TIRZ 3 Taxable Property Value Increment

Year	Period	City of Hutto	~~Williamson County~~
2022	0	$0	~~$0~~
2023	1	$106,776,703	~~$106,776,703~~
2024	2	$227,538,252	~~$227,538,252~~
2025	3	$227,581,193	~~$227,581,193~~
2026	4	$1,184,361,039	~~$1,184,361,039~~
2027	5	$1,226,590,717	~~$1,226,590,717~~
2028	6	$1,305,172,051	~~$1,305,172,051~~
2029	7	$1,411,955,281	~~$1,411,955,281~~
2030	8	$1,454,188,428	~~$1,454,188,428~~
2031	9	$1,454,238,227	~~$1,454,238,227~~
2032	10	$1,639,560,193	~~$1,639,560,193~~
2033	11	$1,681,797,076	~~$1,681,797,076~~
2034	12	$1,681,850,703	~~$1,681,850,703~~
2035	13	$1,788,641,503	~~$1,788,641,503~~
2036	14	$1,909,417,500	~~$1,909,417,500~~
2037	15	$1,909,475,250	~~$1,909,475,250~~
2038	16	$2,016,270,277	~~$2,016,270,277~~
2039	17	$2,137,050,606	~~$2,137,050,606~~
2040	18	$2,137,112,797	~~$2,137,112,797~~
2041	19	$2,243,912,375	~~$2,243,912,375~~
2042	20	$2,322,512,806	~~$2,322,512,806~~
2043	21	$2,322,579,779	~~$2,322,579,779~~
2044	22	$2,322,648,427	~~$2,322,648,427~~
2045	23	$2,401,253,882	~~$2,401,253,882~~
2046	24	$2,401,326,005	~~$2,401,326,005~~
2047	25	$2,401,399,931	~~$2,401,399,931~~

Source: TXP, Inc.

Table 5: ~~Preliminary~~ TIRZ 3 Taxable Revenue Increment @ 50% Contribution

Year	Period	City of Hutto	~~Williamson County~~	~~Total~~
2022	0	$0	~~$0~~	~~$0~~
2023	1	$225,288	~~$200,531~~	~~$425,819~~
2024	2	$480,083	~~$427,326~~	~~$907,409~~
2025	3	$480,174	~~$427,407~~	~~$907,580~~
2026	4	$2,498,883	~~$2,224,277~~	~~$4,723,161~~
2027	5	$2,587,984	~~$2,303,586~~	~~$4,891,570~~
2028	6	$2,753,783	~~$2,451,165~~	~~$5,204,948~~
2029	7	$2,979,084	~~$2,651,708~~	~~$5,630,793~~
2030	8	$3,068,192	~~$2,731,024~~	~~$5,799,216~~
2031	9	$3,068,297	~~$2,731,118~~	~~$5,799,415~~
2032	10	$3,459,308	~~$3,079,160~~	~~$6,538,468~~
2033	11	$3,548,424	~~$3,158,482~~	~~$6,706,906~~
2034	12	$3,548,537	~~$3,158,583~~	~~$6,707,120~~
2035	13	$3,773,855	~~$3,359,140~~	~~$7,132,995~~
2036	14	$4,028,680	~~$3,585,962~~	~~$7,614,642~~
2037	15	$4,028,802	~~$3,586,071~~	~~$7,614,873~~
2038	16	$4,254,129	~~$3,786,636~~	~~$8,040,765~~
2039	17	$4,508,963	~~$4,013,467~~	~~$8,522,430~~
2040	18	$4,509,094	~~$4,013,583~~	~~$8,522,678~~
2041	19	$4,734,431	~~$4,214,157~~	~~$8,948,588~~
2042	20	$4,900,270	~~$4,361,772~~	~~$9,262,042~~
2043	21	$4,900,411	~~$4,361,898~~	~~$9,262,309~~
2044	22	$4,900,556	~~$4,362,027~~	~~$9,262,583~~
2045	23	$5,066,406	~~$4,509,651~~	~~$9,576,056~~
2046	24	$5,066,558	~~$4,509,786~~	~~$9,576,344~~
2047	25	$5,066,714	~~$4,509,925~~	~~$9,576,639~~
Total		**$88,436,904**	**~~$78,718,443~~**	**~~$167,155,347~~**
NPV		**$41,128,062**	**~~$36,608,439~~**	**~~$77,736,502~~**

Source: TXP, Inc.

Conclusion

Based on the ~~preliminary~~ development concepts and activity zones within this area, anticipated tax revenue, and market demand projections, a TIRZ is economically and financially feasible. The TIRZ could generate substantial revenue to pay for infrastructure and redevelopment costs. Over the next 25 years, the TIRZ could generate $167.2 million in nominal TIRZ revenue. Using a 5.0 percent discount rate, the anticipated TIRZ could generate $77.7 million.

These projections are based on the best available datasets and information related to market conditions in the region. Given the high visibility of this area, for example, the substantial commitment of a few large developers could have a significantly positive impact on both the level and timing of future growth. Moreover, the financial projections make no allowance for positive spillover to the value of other properties in area as a result of new development (beyond inflation), which easily could occur. At the same time, a slowdown in development as a result of a weaker national economy, negative changes in key drivers of regional economy, or other unforeseen issues could materially reduce the volume of construction put in place, and resulting tax revenue, over the next 25 years.

Appendix: Specific Properties within the TIRZ 3

Table 6: Properties within the TIRZ

Property ID	Land Use Code	Taxable Value Williamson County
R345752	D1	$0
R395083	C	$8,913
R384600	D1	$150,850
R498062	F1	$0
R345747	E1	$0
R497285	D3	$241,211
R346016	D1	$23,609
R020943	D1	$0
R392815	D1	$37,478
R020941	A	$40,715
R346023	D3	$539,202
R021032	F1	$5,484
R432817	A	$0
R498070	D1	$0
R020918	E1	$109,696
R020939	D1	$0
R330327	C	$17,952
R384601	D1	$91,682
R345751	A	$0
R020915	F1	$16,895
R330352	A	$67,756
R498071	F1	$0
R329720	F1	$11,297
R020916	C	$14,562
R020925	A	$20,467
R432284	J3	$19,607
R020945	F1	$0
R330329	D1	$2,331
R080187	D1	$0
R082165	D1	$1,561
R345748	E1	$213,606

Source: TXP, Inc.

Legal Disclaimer

TXP, Inc. (TXP) reserves the right to make changes, corrections, and/or improvements at any time and without notice. In addition, TXP disclaims any and all liability for damages incurred directly or indirectly as a result of errors, omissions, or discrepancies. TXP disclaims any liability due to errors, omissions, or discrepancies made by third parties whose material TXP relied on in good faith to produce the report.

Any statements involving matters of opinion or estimates, whether or not so expressly stated, are set forth as such and not as representations of fact, and no representation is made that such opinions or estimates will be realized. The information and expressions of opinion contained herein are subject to change without notice, and shall not, under any circumstances, create any implications that there has been no change or updates.

Hutto Megasite Tax Increment Reinvestment Zone
Preliminary Project & Financing Plan

City of Hutto, Texas

October 28, 2022

Prepared by

TXP, Inc.
1310 South 1st Street, Suite 105
Austin, Texas 78704
(512) 328-8300 phone
www.txp.com

Table of Contents

Section 1 – Project Plan 1

Overview 1

Existing Tax Increment Financing Districts in the City of Hutto 1

Description of the Tax Increment Reinvestment Zone 3 1

Existing Zoning and Land Use Guidelines Applicable to TIRZ 3 3

Taxing Jurisdictions Applicable to TIRZ 3

Proposed Changes in Master Plans, Zoning Ordinances, and Building Codes 3

Relocation of Displaced Persons 3

Section 2 – Project Plan Improvements 4

Eligible Project Costs 4

Section 3 – Financing Plan 5

Compliance & Reporting 5

Public Sector Entities Participating in TIRZ 3 5

Financial Forecast Assumptions 6

Financial Forecast Summary Results 7

Conclusion 10

Appendix: Specific Properties within the TIRZ 3 11

Legal Disclaimer 12

List of Figures

Figure 1: Proposed TIRZ 3 Geographic Boundary 2
Figure 2: Existing Land Use within the Proposed TIRZ 3.....2
Figure 3: Major Development Sites within TIRZ 3 3

List of Tables

Table 1: Existing Land Use of Proposed TIRZ 3 (2022).....1
Table 2: Taxing Jurisdictions within TIRZ 3 5
Table 3: Preliminary TIRZ 3 Taxable Property Value.....7
Table 4: Preliminary TIRZ 3 Taxable Property Value Increment 8
Table 5: Preliminary TIRZ 3 Taxable Revenue Increment @ 50% Contribution.....9
Table 6: Properties within the TIRZ 11

Section 1 – Project Plan

Overview

The City of Hutto, Texas is considering implementing a tax increment reinvestment zone (TIRZ) to fund a portion of the infrastructure and development costs associated with industrial, manufacturing, datacenter, and warehouse projects at the Megasite. The proposed new zone would be named TIRZ #3 – Megasite (TIRZ 3).

This document is designed to meet the legal requirements of designating a TIRZ. The statutes governing tax increment financing are in Chapter 311 of the State of Texas Tax Code. This preliminary feasibility study and project plan is required by state law.

Existing Tax Increment Financing Districts in the City of Hutto

There are two existing TIRZs in Hutto. According to state law, cities with less than 100,000 residents may not create a new TIRZ if the total appraised value of taxable real property in the proposed reinvestment zone and in the existing reinvestment zones would exceed 50.0 percent of the total appraised value of taxable real property within the city and its industrial districts. In addition, a TIRZ may not be created if more than 30.0 percent of the property in the proposed new TIRZ (excluding publicly-owned property) is used for residential purposes at the time of designation. The proposed TIRZ 3 complies with these state rules.

Description of the Tax Increment Reinvestment Zone 3

The proposed TIRZ 3 will cover approximately 1,537.4 acres (including roads and right of way). The 2022 baseline taxable property value of the TIRZ is approximately $1.6 million. See the appendix for the list of properties within the TIRZ. Note, some properties are within Hutto's ETJ but not within the city limits. These parcels can be included in the TIRZ, but they will not pay property tax revenue until annexed by the city.

Table 1: Existing Land Use of Proposed TIRZ 3 (2022)

Land Use	Est. Parcel Count	Acreage	City of Hutto Taxable Value	Williamson County Taxable Value
Single Family Res	1	0.9	$0	$241,211
Mobile Home with Land	1	0.7	$0	$0
Vacant Farmland	13	584.3	$0	$220,871
Farm & Ranch Improvements	6	411.6	$0	$1,172,792
Totally Exempt Property	10	452.5	$0	$0
Total	31	1,449.9	$0	$1,634,874

Source: Williamson Central Appraisal District; TXP, Inc.

Figure 1: Proposed TIRZ 3 Geographic Boundary

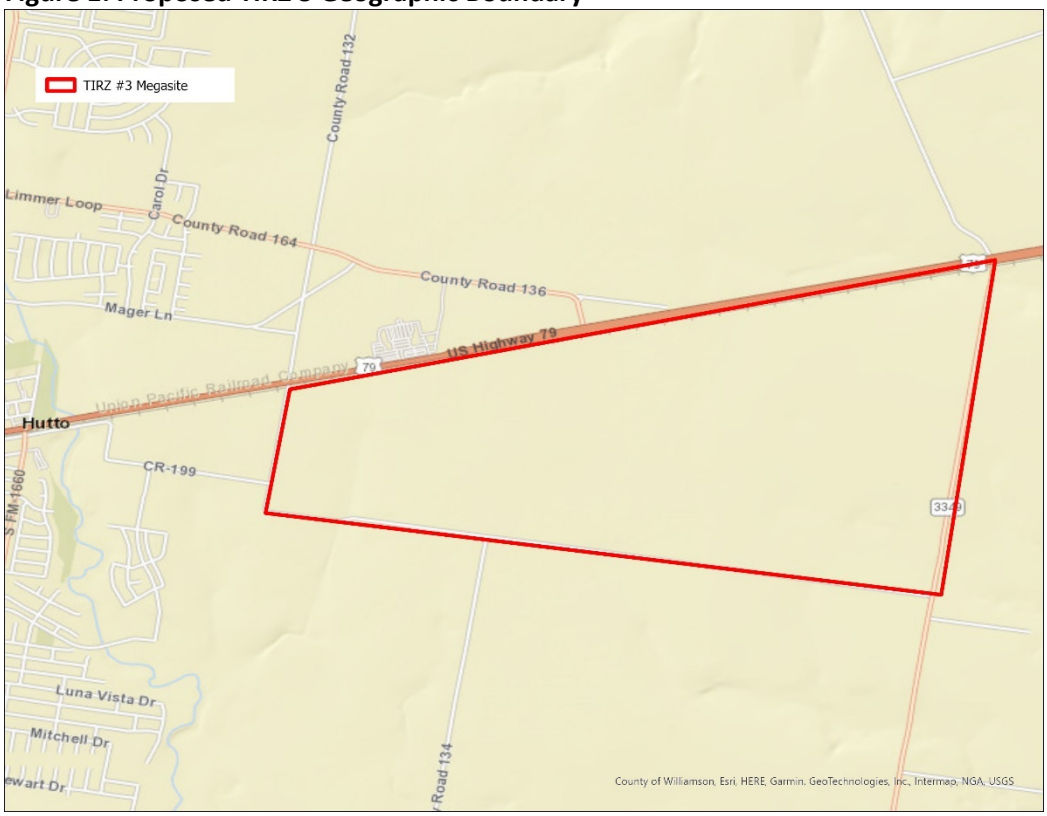


Figure 2: Existing Land Use within the Proposed TIRZ 3

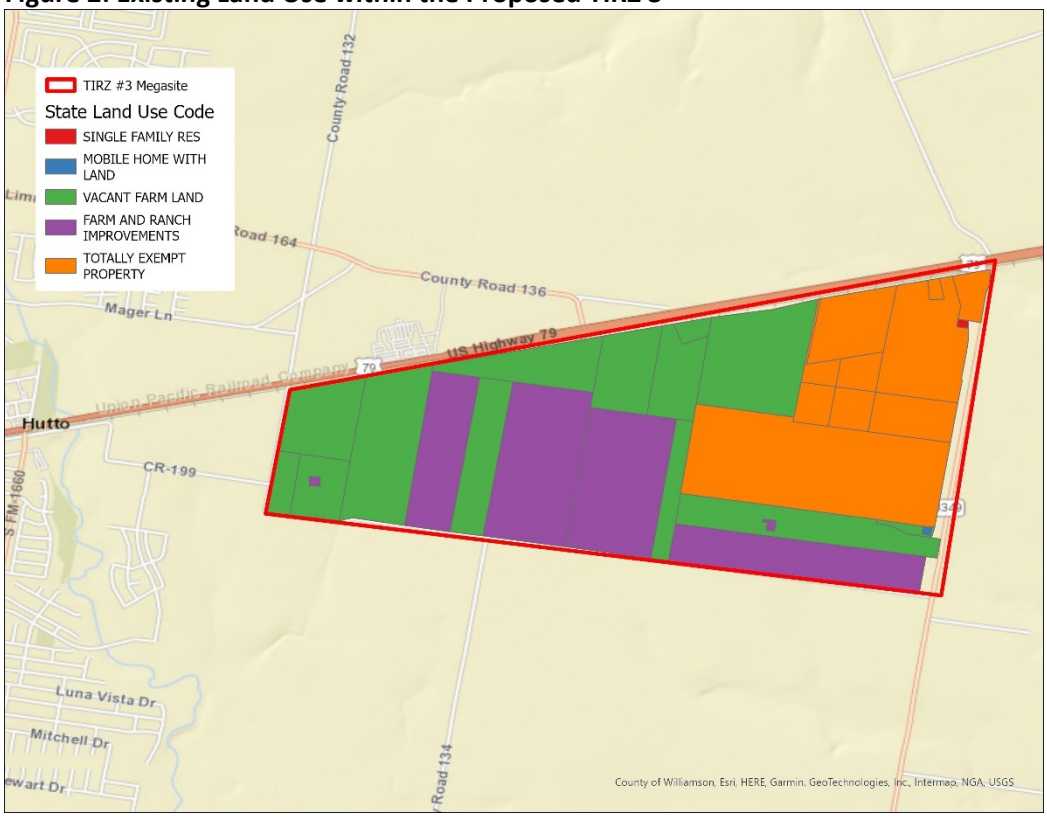
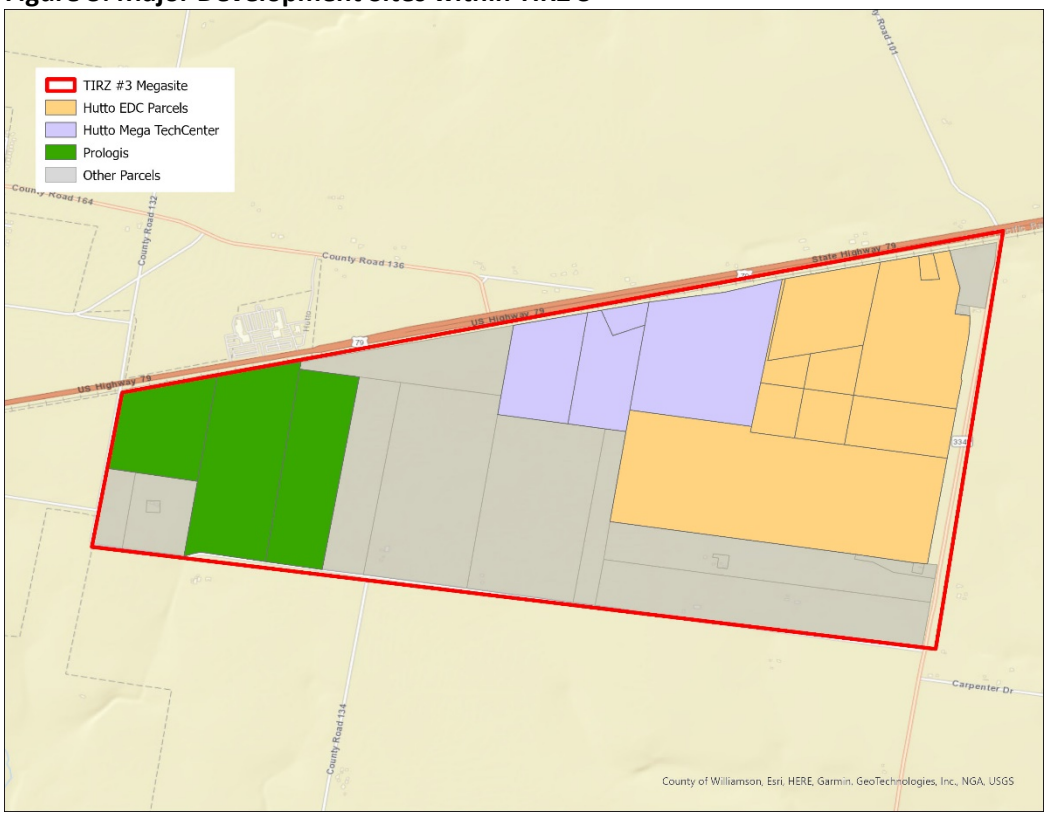


Figure 3: Major Development Sites within TIRZ 3



Existing Zoning and Land Use Guidelines Applicable to TIRZ 3

Existing Hutto land use, zoning guidelines, and policies would apply to all properties.

Taxing Jurisdictions Applicable to TIRZ

The proposed TIRZ 3 is located within the following taxing jurisdictions:

- City of Hutto
- Williamson County and Williamson County CO FM/RD
- Williamson County ESD #3
- EWC Higher Ed Center
- Hutto ISD
- Lower Brushy Creek WC&ID

Proposed Changes in Master Plans, Zoning Ordinances, and Building Codes

There are no anticipated changes to the master development and zoning ordinances.

Relocation of Displaced Persons

This plan currently does not call for nor anticipate the displacement and relocation of persons for the proposed projects.

Section 2 – Project Plan Improvements

TIRZ 3 will provide support for catalytic infrastructure and economic development projects that will facilitate the development of properties within the Megasite area of Hutto.

Public infrastructure investments are required to redevelop this area (ex. sewer and water). This is the priority of TIRZ 3. Additional infrastructure and enhancement projects are included in the project plan if the resources are available. In addition, other projects might be added to the list as future development projects and related opportunities present themselves. The anticipated project costs are divided into five major categories.

Eligible Project Costs

1. Parks & Streetscape Enhancements
This category includes gateway features, linear parks, corridor landscaping, public plazas, etc.

2. Infrastructure Improvements
This category includes water, sanitary sewer and storm water improvements, roadway and street intersection enhancements, public transportation, relocation of aboveground utilities, public sidewalks, public buildings, etc.

3. Economic Development Grants
It is anticipated that economic development loans or grants might be made to assist in creating the tax base that facilitates implementing the project plan. The City, with advisement from the TIRZ Board shall have the authority to establish and administer economic development programs, including but not limited to grants and loans, authorized under Chapter 380 of the Texas Local Government Code. Should such loans or grants be made, it will be done with the intent to fulfill the public purposes of developing and diversifying the economy, eliminating unemployment or underemployment, and developing or expanding transportation, business, and commercial activity in the TIRZ.

4. Non-Project Costs
Non-project costs are not anticipated at this time.

5. Administration & Implementation
Administration costs, including reasonable charges for time spent by City of Hutto employees, will be eligible for reimbursement as project costs.

Section 3 – Financing Plan

Tax increment financing is a tool used by local governments to publicly finance needed infrastructure and other improvements within a defined area. These improvements are usually undertaken to promote the viability of existing businesses and to attract new commercial enterprises to the area. The statutes governing tax increment financing are located in Chapter 311 of the State of Texas Tax Code.

The costs of improvements in the defined zone are repaid by the contribution of future property tax revenues by each taxing unit that levies taxes against the property. Specifically, each taxing unit can choose to dedicate all, a portion, or none of the tax revenue that is attributable to the increase in property values due to the improvements within the reinvestment zone. The additional tax revenue that is received from the affected properties is referred to as the tax increment. Each taxing unit determines what percentage of its tax increment, if any, it will commit to repayment of the cost of financing the public improvements.

Compliance & Reporting

The TIRZ Board policies shall comply with all federal, state, and local laws, rules and regulations. The TIRZ Board will submit project status reports and financial reports as required by state law.

Public Sector Entities Participating in TIRZ 3

All project costs will be paid through the contribution of incremental property taxes collections. This preliminary plan assumes that the City of Hutto and Williamson County will contribute a portion of their total tax rate (maintenance and operations (M&O) and interest and sinking (I&S) ad valorem tax rate for 25 years.

Table 2: Taxing Jurisdictions within TIRZ 3

Entity	Property Tax Rate per $100 (2022)
City of Hutto	$0.421980
Williamson County Total	$0.375608
Williamson County	$0.338116
Williamson County FM/RD	$0.037492

Source: TXP, Inc.

Financial Forecast Assumptions

- **TIRZ Duration** – The TIRZ will have a 25-year lifespan.
- **TIRZ Allocation** – The City of Hutto and Williamson County will each contribute 50 percent of their total incremental tax collections.
- **Tax Rate** – While tax rates do change over time, the 2022 tax rates were held constant for the duration of the TIRZ.
- **Existing Properties** – The 2022 baseline property value of the TIRZ is approximately $1.6 million but varies slightly by taxing jurisdiction based on exemptions offered.
- **Real Property** – Only taxable real property values are included in the tax increment calculations. By law, business personal property values are excluded from TIRZ.
- **ETJ Properties** – Properties in the ETJ will be offered a development agreement pursuant to Texas Local Government Code Section 212.172 for annexation and development of the property so that City property taxes can contribute to the zone. All Williamson County properties within the TIRZ boundary are included in this TIRZ.
- **Future Development Patterns** – To provide an order of magnitude estimate, TXP has projected the build out of the TIRZ based on the preliminary plans for the Megasite. Specifically, this forecast incorporates preliminary masterplans developed by Prologis and Hutto Mega TechCenter. Development for the Hutto EDC owned parcels was based on inquiries from companies interested in the site.
- **Inflation & Appreciation Rate** – The inflation rate used for construction costs and the value of improvements is 2.5 percent per year.
- **Net Present Value** – The net present values of the tax increment were calculated at a discount rate of 5.0 percent.

Financial Forecast Summary Results

The following table depicts the anticipated revenue generated over 25 years. The revenue forecast assumes the TIRZ is established in 2022 (baseline year). The first TIRZ increment will occur in 2023 (total 2023 value less 2022 baseline value). Note, 2023 taxes are not due until January 2024.

Table 3: Preliminary TIRZ 3 Taxable Property Value

Year	Period	City of Hutto	Williamson County
2022	0	$1,634,874	$1,634,874
2023	1	$108,411,577	$108,411,577
2024	2	$229,173,126	$229,173,126
2025	3	$229,216,067	$229,216,067
2026	4	$1,185,995,913	$1,185,995,913
2027	5	$1,228,225,591	$1,228,225,591
2028	6	$1,306,806,925	$1,306,806,925
2029	7	$1,413,590,155	$1,413,590,155
2030	8	$1,455,823,302	$1,455,823,302
2031	9	$1,455,873,101	$1,455,873,101
2032	10	$1,641,195,067	$1,641,195,067
2033	11	$1,683,431,950	$1,683,431,950
2034	12	$1,683,485,577	$1,683,485,577
2035	13	$1,790,276,377	$1,790,276,377
2036	14	$1,911,052,374	$1,911,052,374
2037	15	$1,911,110,124	$1,911,110,124
2038	16	$2,017,905,151	$2,017,905,151
2039	17	$2,138,685,480	$2,138,685,480
2040	18	$2,138,747,671	$2,138,747,671
2041	19	$2,245,547,249	$2,245,547,249
2042	20	$2,324,147,680	$2,324,147,680
2043	21	$2,324,214,653	$2,324,214,653
2044	22	$2,324,283,301	$2,324,283,301
2045	23	$2,402,888,756	$2,402,888,756
2046	24	$2,402,960,879	$2,402,960,879
2047	25	$2,403,034,805	$2,403,034,805

Source: TXP, Inc.

Table 4: Preliminary TIRZ 3 Taxable Property Value Increment

Year	Period	City of Hutto	Williamson County
2022	0	$0	$0
2023	1	$106,776,703	$106,776,703
2024	2	$227,538,252	$227,538,252
2025	3	$227,581,193	$227,581,193
2026	4	$1,184,361,039	$1,184,361,039
2027	5	$1,226,590,717	$1,226,590,717
2028	6	$1,305,172,051	$1,305,172,051
2029	7	$1,411,955,281	$1,411,955,281
2030	8	$1,454,188,428	$1,454,188,428
2031	9	$1,454,238,227	$1,454,238,227
2032	10	$1,639,560,193	$1,639,560,193
2033	11	$1,681,797,076	$1,681,797,076
2034	12	$1,681,850,703	$1,681,850,703
2035	13	$1,788,641,503	$1,788,641,503
2036	14	$1,909,417,500	$1,909,417,500
2037	15	$1,909,475,250	$1,909,475,250
2038	16	$2,016,270,277	$2,016,270,277
2039	17	$2,137,050,606	$2,137,050,606
2040	18	$2,137,112,797	$2,137,112,797
2041	19	$2,243,912,375	$2,243,912,375
2042	20	$2,322,512,806	$2,322,512,806
2043	21	$2,322,579,779	$2,322,579,779
2044	22	$2,322,648,427	$2,322,648,427
2045	23	$2,401,253,882	$2,401,253,882
2046	24	$2,401,326,005	$2,401,326,005
2047	25	$2,401,399,931	$2,401,399,931

Source: TXP, Inc.

Table 5: Preliminary TIRZ 3 Taxable Revenue Increment @ 50% Contribution

Year	Period	City of Hutto	Williamson County	Total
2022	0	$0	$0	$0
2023	1	$225,288	$200,531	$425,819
2024	2	$480,083	$427,326	$907,409
2025	3	$480,174	$427,407	$907,580
2026	4	$2,498,883	$2,224,277	$4,723,161
2027	5	$2,587,984	$2,303,586	$4,891,570
2028	6	$2,753,783	$2,451,165	$5,204,948
2029	7	$2,979,084	$2,651,708	$5,630,793
2030	8	$3,068,192	$2,731,024	$5,799,216
2031	9	$3,068,297	$2,731,118	$5,799,415
2032	10	$3,459,308	$3,079,160	$6,538,468
2033	11	$3,548,424	$3,158,482	$6,706,906
2034	12	$3,548,537	$3,158,583	$6,707,120
2035	13	$3,773,855	$3,359,140	$7,132,995
2036	14	$4,028,680	$3,585,962	$7,614,642
2037	15	$4,028,802	$3,586,071	$7,614,873
2038	16	$4,254,129	$3,786,636	$8,040,765
2039	17	$4,508,963	$4,013,467	$8,522,430
2040	18	$4,509,094	$4,013,583	$8,522,678
2041	19	$4,734,431	$4,214,157	$8,948,588
2042	20	$4,900,270	$4,361,772	$9,262,042
2043	21	$4,900,411	$4,361,898	$9,262,309
2044	22	$4,900,556	$4,362,027	$9,262,583
2045	23	$5,066,406	$4,509,651	$9,576,056
2046	24	$5,066,558	$4,509,786	$9,576,344
2047	25	$5,066,714	$4,509,925	$9,576,639
Total		**$88,436,904**	**$78,718,443**	**$167,155,347**
NPV		**$41,128,062**	**$36,608,439**	**$77,736,502**

Source: TXP, Inc.

Conclusion

Based on the preliminary development concepts and activity zones within this area, anticipated tax revenue, and market demand projections, a TIRZ is economically and financially feasible. The TIRZ could generate substantial revenue to pay for infrastructure and redevelopment costs. Over the next 25 years, the TIRZ could generate $167.2 million in nominal TIRZ revenue. Using a 5.0 percent discount rate, the anticipated TIRZ could generate $77.7 million.

These projections are based on the best available datasets and information related to market conditions in the region. Given the high visibility of this area, for example, the substantial commitment of a few large developers could have a significantly positive impact on both the level and timing of future growth. Moreover, the financial projections make no allowance for positive spillover to the value of other properties in area as a result of new development (beyond inflation), which easily could occur. At the same time, a slowdown in development as a result of a weaker national economy, negative changes in key drivers of regional economy, or other unforeseen issues could materially reduce the volume of construction put in place, and resulting tax revenue, over the next 25 years.

Appendix: Specific Properties within the TIRZ 3

Table 6: Properties within the TIRZ

Property ID	Land Use Code	Taxable Value Williamson County
R345752	D1	$0
R395083	C	$8,913
R384600	D1	$150,850
R498062	F1	$0
R345747	E1	$0
R497285	D3	$241,211
R346016	D1	$23,609
R020943	D1	$0
R392815	D1	$37,478
R020941	A	$40,715
R346023	D3	$539,202
R021032	F1	$5,484
R432817	A	$0
R498070	D1	$0
R020918	E1	$109,696
R020939	D1	$0
R330327	C	$17,952
R384601	D1	$91,682
R345751	A	$0
R020915	F1	$16,895
R330352	A	$67,756
R498071	F1	$0
R329720	F1	$11,297
R020916	C	$14,562
R020925	A	$20,467
R432284	J3	$19,607
R020945	F1	$0
R330329	D1	$2,331
R080187	D1	$0
R082165	D1	$1,561
R345748	E1	$213,606
[redacted]		

Source: TXP, Inc.

Legal Disclaimer

TXP, Inc. (TXP) reserves the right to make changes, corrections, and/or improvements at any time and without notice. In addition, TXP disclaims any and all liability for damages incurred directly or indirectly as a result of errors, omissions, or discrepancies. TXP disclaims any liability due to errors, omissions, or discrepancies made by third parties whose material TXP relied on in good faith to produce the report.

Any statements involving matters of opinion or estimates, whether or not so expressly stated, are set forth as such and not as representations of fact, and no representation is made that such opinions or estimates will be realized. The information and expressions of opinion contained herein are subject to change without notice, and shall not, under any circumstances, create any implications that there has been no change or updates.

ORDINANCE NO. O-2023-078

AN ORDINANCE OF THE CITY COUNCIL OF HUTTO, TEXAS, APPROVING A PROJECT AND FINANCING PLAN FOR HUTTO MEGASITE TAX INCREMENT REINVESTMENT ZONE NUMBER THREE, CITY OF HUTTO, TEXAS, ESTABLISHED PURSUANT TO CHAPTER 311 OF THE TEXAS TAX CODE; PROVIDING A SEVERABILITY CLAUSE; FINDING AND DETERMINING THE MEETING AT WHICH THIS ORDINANCE IS ADOPTED TO BE OPEN TO THE PUBLIC AS REQUIRED BY LAW; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, on November 17, 2022, the City Council of the City of Hutto, Texas ("City"), pursuant to Chapter 311 of the Texas Tax Code ("Act"), approved Ordinance No. O-2022-054 designating a noncontiguous geographic area within the City as a Reinvestment Zone Number Three, ("TIRZ 3") of the City of Hutto, Texas; and

WHEREAS, pursuant to and as required by the Act, the City previously prepared a Preliminary Project Plan and Financing Plan for Reinvestment Zone Number Three, City of Hutto, for the proposed tax increment reinvestment zone containing the real property within the Zone; and

WHEREAS, the City Council held a public hearing on the approval of the Preliminary Project Plan and Financing Plan for TIRZ 3, of the City of Hutto (the "Plan") and the notice of said public hearing was published in a newspaper having general circulation in the City on November 9, 2022, which date is before the seventh (7th) day before the public hearing held on November 17, 2022; and

WHEREAS, at the public hearing on November 17, 2022, interested persons were allowed to speak for or against the Plan and the public hearing was held in full accordance with Section 311.003(c) of the Act; and

WHEREAS, evidence was received and presented at the public hearing on November 17, 2022, and in favor of the Plan; and

WHEREAS, after all comments and evidence, both written and oral, were received by the City Council, the public hearing was closed on November 17, 2022; and

WHEREAS, on November 16, 2023, pursuant to Section 311.011(a) of the Act, the Board of Directors of for Reinvestment Zone Number Three approved a Project Plan and Financing Plan for TIRZ 3 of the City of Hutto, Texas; and

WHEREAS, the City Council desires to approve the Plan by this Ordinance.

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

Section 1. Recitals Incorporated by Reference: The foregoing recitals are incorporated into this Ordinance by reference as findings of fact as if expressly set forth herein.

Section 2. Findings: That the City Council hereby makes the following findings of fact:

(a) That the Plan includes all information required by Sections 311.011(b) and (c) of the Act.
(b) That the Plan is feasible and conforms to the City's master plan.

Section 3. Approval of Plan. The Board of Directors of Reinvestment Zone Number Three have prepared and adopted the Project Plan and Financing Plan and have submitted it to the City Council with a recommendation of approval. The City Council hereby approves the Project Plan and Financing Plan based on the findings set forth in Section 2 of this Ordinance, the City Council hereby approves the Plan, attached hereto as Exhibit "A."

Section 4. Severability Clause. Should any section, subsection, sentence, clause or phrase of this Ordinance be declared unconstitutional or invalid by a court of competent jurisdiction, it is expressly provided that any and all remaining portions of this Ordinance shall remain in full force and effect. The City hereby declares that it would have passed this Ordinance, and each section, subsection, clause or phrase thereof irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional or invalid.

Section 5. Proper Notice & Meeting. It is hereby found, determined, and declared that sufficient written notice of the date, hour, place and subject of the meeting of the City Council at which this Ordinance was adopted was posted at a place convenient and readily accessible at all times to the general public at the City Hall of the City for the time required by law preceding its meeting, as required by Chapter 551 of the Texas Government Code, and that this meeting has been open to the public as required by law at all times during which this Ordinance and the subject matter hereof has been discussed, considered and formally acted upon. The City Council further ratifies, approves and confirms such written notice and the contents and posting thereof.

Section 6. Passage: Pursuant to Section 3.13 of the Hutto City Charter, the Council determined that the first reading of this ordinance is sufficient for adequate consideration by an affirmative vote of four or more members of the City Council during the first reading and the requirement for reading this Ordinance on two separate dates with was dispensed with by the affirmative vote of four or more members of the City council; therefore, this Ordinance is adopted and enacted without further readings. In the event a second reading is necessary, this Ordinance is

adopted and enacted upon the affirmative vote of four or more members of the City Council upon second reading.

Section 7. **Effective date**. This Ordinance shall take effect immediately upon its adoption and publication in accordance with and as provided by the laws of the State of Texas and the Hutto City Charter.

READ and **APPROVED** on the first reading this the **7th** day of **December 2023.**

THE CITY OF HUTTO, TEXAS

By:_____
Mike Snyder, Mayor

ATTEST:

By:_____
Angela Lewis, City Secretary

AGENDA ITEM REPORT
9.11.

To:	City Council
Subject:	Consideration and possible action on Ordinance No. O-2026-001 amending the budget for FY 2026. (Alberta Barrett)
Meeting:	Thursday, January 8, 2026
Department:	Finance /
Staff Contact:	Alberta Barrett

ITEM SUMMARY:

Staff is bringing forward select budget amendments to increase appropriations in specific expenditure line items where additional funding is required to address immediate operational needs that arose after the FY 2026 budget adoption. The proposed amendments affect the City's general and utility operating funds.

General Fund

The proposed amendments to the general fund are necessary to allow for the temporary hiring of a part-time employee to provide coverage while an existing employee is out, the purchase of teleconferencing equipment for an additional conference room, the payment of worker's compensation and liability insurance premiums with TML, and the initiation of procurement for Darwin AI software, which was recently approved by City Council.

The increases in funding are fully offset by decreases in personnel budgets resulting from actual salary savings associated with vacant positions. These savings have already been realized during the fiscal year and are primarily attributable to positions authorized as of October 1, 2025 that remain unfilled. As a result, sufficient funding exists within the General Fund to support the proposed adjustments without increasing total expenditures.

These amendments are required to ensure appropriate budget authority exists in the affected accounts in order to process expenditures and proceed with hiring and procurement activities. While the offsets are derived from salary-related line items, current appropriations do not provide sufficient budget authority in the receiving expenditure accounts; therefore, Council approval through a budget amendment is required. As detailed in Exhibit A, the proposed adjustments are limited in scope, funded entirely from existing appropriations, and result in no net increase to total General Fund expenditures.

Utility Fund

The proposed budget amendments in the utility fund result in a net increase to fund balance of $134,288.

The first amendment is an increase to miscellaneous revenues in the amount of $460,634. This

increase is the receipt of a refund from Brazos River Authority (BRA). Each year, the City makes a monthly payment to BRA for the estimated share of operations. BRA then audits the actual costs, and remits any excess payments back to the City. The City does not budget for the refund until it is received, as any refund and the associated dollar amount is uncertain and not relied upon until funds are actually received.

The second amendment is a proposed increase to expenditures in the amount of $326,346. This increase will allow for the emergency repairs to the Enclave Lift Station. Repairs to the lift station were not anticipated and not included during the development of the FY 2026 budget.

FISCAL NOTES:

Approval will align the FY 2026 budget with current operational needs and is fully funded through existing appropriations, resulting in no net increase to total General Fund expenditures. The amendments to the utility fund will result in a net increase of $460,634 to revenues, and a net increase of $326,346 to expenditures.

ATTACHMENTS:

1. Hutto-ORD-Budget Amendment 01.2026
2. Exhibit A - FY 2026 Budget Amendment
3. General Fund Amendment
4. Utility Fund Amendment

ORDINANCE NO. O-2026-_____

AN ORDINANCE OF THE CITY OF HUTTO, TEXAS, AMENDING THE BUDGET FOR THE FISCAL YEAR OF OCTOBER 1, 2025, THROUGH SEPTEMBER 30, 2026, BY APPROPRIATING AND SETTING ASIDE THE NECESSARY FUNDS FOR CERTAIN EXPENDITURES IN ACCORDANCE WITH EXISTING STATUTORY REQUIREMENTS; FINDING MUNICIPAL PURPOSES; PLACING ADDITIONAL RESTRICTIONS ON SAID FUNDS; PROVIDING FOR A SEVERABILITY CLAUSE; PROVIDING FOR ENGROSSMENT AND ENROLLMENT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Council for the City of Hutto, Texas, adopted the City's Fiscal Year 2025-2026 Budget in September of 2025; and

WHEREAS, pursuant to Texas Local Government Code Section 102.010, the City Council has determined that it is necessary to amend the City's Fiscal Year 2025-2026 Budget, and that the budget amendment serves a municipal purpose; and

WHEREAS, after adoption of the budget, the City Council may by ordinance make certain amendments to the budget pursuant to Section 8.07 of the City of Hutto Home Rule Charter; and

WHEREAS, pursuant to Section 8.07(a) of the City of Hutto Home Rule Charter, after adoption of the budget, if the City Manager certifies that there are revenues available for appropriation in excess of those estimated in the budget, the City Council may by ordinance make supplemental appropriations for the year up to the amount of such excess; and

WHEREAS, pursuant to Section 8.07(b) of the City of Hutto Home Rule Charter, after adoption of the budget, the City council may by ordinance make emergency appropriations to meet a public emergency affecting life, health, property, or the public peace, or to avoid a material cost or public expense; and

WHEREAS, pursuant to Section 8.07(d) of the City of Hutto Home Rule Charter, after adoption of the budget, the City council may by ordinance transfer part or all of the unencumbered appropriation balance from one department or major organizational unit to the appropriations for other department or major organizational units; and

WHEREAS, pursuant to Section 8.07(d) of the City of Hutto Home Rule Charter, the City Manager may transfer part or all of any unencumbered appropriation balances among programs within a department or organization unit and shall report such transfers to the City Council no later than the next regular City Council meeting; and

WHEREAS, Exhibit A shows the proposed budget amendments as follows:

General Fund (Fund 10); and
Utility Fund (Fund 50).

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL FOR THE CITY OF HUTTO, TEXAS, THAT:

SECTION 1. The foregoing recitals are incorporated into this Ordinance by reference as findings of fact as if expressly set forth herein.

SECTION 2. The appropriations for the fiscal year beginning October 1, 2025, and ending September 30, 2026, for the support of the general government of the City of Hutto, Texas, shall be amended as shown in **Exhibit A.**

SECTION 3. The amendment, as shown in words and figures in **Exhibit A**, is hereby approved by the City Council in all aspects and adopted as an amendment to the City budget for the fiscal year October 1, 2025, through September 30, 2026.

SECTION 4. A copy of the amended budget shall be placed in the office of the Williamson County Clerk as required by Texas Local Government Code Section 102.011.

SECTION 5. It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses, and phrases of this Ordinance are severable and, if any phrase, sentence, paragraph or section of this Ordinance should be declared invalid by the final judgment or decree of any court of competent jurisdiction, such invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this Ordinance, since the same would have been enacted by the City Council without the incorporation of this ordinance of any such invalid phrase, clause, sentence, paragraph or section. If a court of competent jurisdiction to be invalid shall adjudge any provision of this Ordinance, the invalidity shall not affect other provisions or applications of this Ordinance that can be given effect without the invalid provision, and to this end the provisions of this Ordinance are declared to be severable.

SECTION 6. All ordinances or parts of ordinances and sections of the City Code of Ordinances in conflict with this ordinance are hereby repealed to the extent of such conflict.

SECTION 7. The City Secretary is hereby directed to engross and enroll this Ordinance by copying the exact Caption and Effective Date clause in the minutes of the City Council and by filing this Ordinance in the Ordinance records of the City.

SECTION 8. 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 of the Texas Government Code.

SECTION 9. Pursuant to Section 3.13 of the Hutto City Charter, this Ordinance is adopted and enacted upon the affirmative vote of four or more members of the City council and shall be published as required by law.

SECTION 10. This Ordinance shall be in full force and effect immediately upon its

passage and publication, when such a requirement is satisfied as required by law.

READ, PASSED and **ADOPTED** on this 8th day of January, 2026 at a regular meeting of the City Council of Hutto, there being a quorum present.

CITY OF HUTTO, TEXAS

_____
Mike Snyder, Mayor

ATTEST:

_____
Laura Hallmark, City Secretary

EXHIBIT "A"

Note: Items below are only accounts that are included in this budget

Expenditures	General Fund (Fund 10)	Adopted Budget	Amendment	Revised Budget	Notes
Finance					
10-020-001-6001	Salaries	1,105,325	(6,500)	1,098,825	Salary savings from vacant Finance position
10-020-001-6212	Technology Equip & Supplies	-	6,500	6,500	TV and teleconferencing equipment for downstairs conference room
Engineering					
10-040-023-6001	Salaries	1,193,510	(22,996)	1,170,514	Salary savings from vacant Engineering positions
Facilities Maintenance					
10-040-051-6001	Salaries	166,758	11,230	177,988	Increase to pay for temporary worker while employee is out
10-040-051-6051	FICA/Medicare	12,013	1,715	13,728	Increast to pay for temporary worker tax expense
Streets & Drainage					
10-040-060-6001	Salaries	827,333	(12,945)	814,388	Salary savings from vacant Street & Drainage postions
Police					
10-050-001-6001	Salaries	6,224,377	(28,000)	6,196,377	Salary savings from vacant Police Department positions
Information Technology					
10-060-030-6412	Software Licensing & Maint	441,022	28,000	469,022	Darwin AI governance and compliance software
Non-Departmental					
10-100-000-6054	Workers Compensation	141,620	14,405	156,025	Adjustment needed to meet actual expenditure
10-100-000-6551	Property Insurance	93,978	1,284	95,262	Adjustment needed to meet actual expenditure
10-100-000-6552	Liability Insurance	131,249	6,455	137,704	Adjustment needed to meet actual expenditure
10-100-000-6553	Errors & Omissions	25,399	852	26,251	Adjustment needed to meet actual expenditure
	Net Increase (Decrease)		$0		

Expenditures	Utility Fund (Fund 50)	Adopted Budget	Amendment	Revised Budget	Notes
Revenues					
50-5999	Miscellaneous Income	7,500	460,634	468,134	Refund from Brazos River Authority
	Revenues		460,634		
Expenses					
50-040-058-6315	Wastewater Pumps, Motors & Control	206,850	326,346	533,196	Unplanned wastewater lift station repairs
	Expenses		326,346		
	Net Increase (Decrease)		$ 134,288		

Budget Amendments by Division			
Description	Adopted Budget	Amendment	Revised Budget
General Fund Operating (10)			
Budgeted Beginning Fund Balance	8,133,953		8,133,953
Revenues			
Property Taxes	14,504,924		14,504,924
Sales Taxes	11,201,255		11,201,255
Franchise Fees	1,550,259		1,550,259
Permits & Licenses	4,834,300		4,834,300
Intergovernmental Revenue	-		-
Charges for Services	396,800		396,800
Fines	732,147		732,147
Interest Earned	535,000		535,000
Other Revenues	654,300		654,300
Other Financing Sources	7,500		7,500
Drainage Fees	690,000		690,000
Transfers In from Other Funds	775,168		775,168
Total Revenues	35,881,653	-	35,881,653
Expenditures			
Administration			
Personnel	789,730		789,730
Supplies	10,720		10,665
Contractual Services	500		540
General	72,843		72,858
Total Administration	873,793	-	873,793
City Council			
Personnel	73,915		73,915
Supplies	10,950		10,950
Contractual Services	273,100		273,100
General	580,645		580,645
Total City Council	938,610	-	938,610
Legal			
Contractual Services	840,042		840,042
Total Legal	840,042	-	840,042
Human Resources			
Personnel	524,408		524,408
Supplies	45,935		45,935
Contractual Services	118,139		118,139
General	30,572		30,572
Total Human Resources	719,054	-	719,054

Administrative Services

	Description	Adopted Budget	Amendment	Revised Budget
Administrative Services	**Finance**			
	Personnel	1,443,748	(6,500)	1,437,248
	Supplies	3,400	6,500	9,900
	Contractual Services	315,632		315,632
	General	63,722		63,722
	Total Finance	1,826,502	-	1,826,502
	Municipal Court			
	Personnel	517,964		517,964
	Supplies	2,800		2,800
	Contractual Services	55,700		55,700
	General	91,808		91,808
	Total Municipal Court	668,272	-	668,272
Development & Infrastructure	**Economic Development**			
	Personnel	394,999		394,999
	Supplies	9,514		9,514
	Contractual Services	10,040		10,040
	General	31,222		31,222
	Total Economic Development	445,775	-	445,775
	Development Services			
	Personnel	1,399,839		1,399,839
	Supplies	8,800		8,800
	Maintenance	53,150		53,150
	Contractual Services	313,600		313,600
	General	26,745		26,745
	Total Development Services	1,802,134	-	1,802,134
	Engineering			
	Personnel	1,509,381	(22,996)	1,486,385
	Supplies	11,300		11,300
	Contractual Services	31,203		31,203
	General	21,530		21,530
	Total Engineering	1,573,414	(22,996)	1,550,418
	Fleet Maintenance			
	Personnel	207,577		207,577
	Supplies	3,291		3,291
	Maintenance	133,297		133,297
	Contractual Services	8,720		8,720
	General	2,000		2,000
	Total Fleet Maintenance	354,885	-	354,885

	Description	Adopted Budget	Amendment	Revised Budget
Development & Infrastructure	**Facility Maintenance**			
	Personnel	222,312	12,945	235,257
	Supplies	22,171		22,171
	Maintenance	269,112		269,112
	Contractual Services	127,452		127,452
	General	3,250		3,250
	Total Facility Maintenance	644,297	12,945	657,242
	Construction Inspection			
	Personnel	704,404		704,404
	Supplies	29,531		29,531
	Contractual Services	65,370		65,370
	General	8,615		8,615
	Total Construction Inspection	807,920	-	807,920
	Streets & Drainage			
	Personnel	1,082,077	(12,945)	1,069,132
	Supplies	148,087		148,087
	Maintenance	2,408,500		2,408,500
	Contractual Services	475,255		475,255
	General	411,413		411,413
	Total Streets & Drainage	4,525,332	(12,945)	4,512,387
Strategic Operations	**Police**			
	Personnel	8,696,762	(28,000)	8,668,762
	Supplies	594,825		594,825
	Maintenance	86,325		86,325
	Contractual Services	2,060,507		2,060,507
	General	234,876		234,876
	Total Police	11,673,295	(28,000)	11,645,295
	Emergency Management			
	Personnel	311,402		311,402
	Supplies	12,988		12,988
	Contractual Services	37,207		37,207
	General	9,200		9,200
	Total Emergency Management	370,797	-	370,797
	Strategic Operations Administration			
	Personnel	275,769		275,769
	Supplies	350		350
	Total Strategic Operations	276,119	-	276,119

	Description	Adopted Budget	Amendment	Revised Budget
Strategic Operations	**City Secretary**			
	Personnel	288,215		288,215
	Supplies	560		560
	Contractual Services	151,361		151,361
	General	5,900		5,900
	Total City Secretary	446,036	-	446,036
	Communications			
	Personnel	428,741		428,741
	Supplies	1,671		1,671
	Contractual Services	88,533		88,533
	General	10,635		10,635
	Total Communications	529,580	-	529,580
	Information Technology			
	Personnel	679,773		679,773
	Supplies	27,159		27,159
	Contractual Services	995,012	28,000	1,023,012
	General	11,508		11,508
	Total Information Technology	1,713,452	28,000	1,741,452
Community Services	**Community Services Administration**			
	Personnel	393,470		393,470
	Supplies	5,100		5,100
	General	1,100		1,100
	Total Community Services	399,670	-	399,670
	Library			
	Personnel	671,757		671,757
	Supplies	64,525		64,525
	Contractual Services	6,300		6,300
	General	19,060		19,060
	Total Library	761,642	-	761,642
	Parks & Recreation			
	Personnel	1,248,667		1,248,667
	Supplies	231,985		231,985
	Maintenance	119,900		119,900
	Contractual Services	391,395		391,395
	General	83,070		83,070
	Total Parks & Recreation	2,075,017	-	2,075,017

Non-Dept

Description	Adopted Budget	Amendment	Revised Budget
Non-Departmental			
Personnel	220,733		220,733
Supplies	19,220	14,405	33,625
Contractual Services	16,126	8,591	24,717
General	565,331		565,331
Total Non-Departmental	821,410	22,996	844,406
Transfer Out to Other Funds	455,975	-	455,975
Total Expenditures	35,543,023	-	35,543,023
Net Change in Fund Balance	338,630	-	338,630
Ending Fund Balance	8,472,583		8,472,583
Reserve Requirement (25%)	8,771,762		8,771,762
Excess (Deficit)	(299,179)		(299,179)

Budget Amendments by Division			
Description	Adopted Budget		Revised Budget
Utility Fund Operating (50)			
Budgeted Beginning Fund Balance	11,960,143		11,960,143
Revenues			
Charges for Services	25,230,200		25,230,200
Miscellaneous Income	730,100	460,634	1,190,734
Total Operating Revenue	**25,960,300**	**460,634**	**26,420,934**
Total Transfers In	10,769,900		10,769,900
TOTAL REVENUES	**36,730,200**	**460,634**	**37,190,834**
Expenses			
Utility Billing			
Personnel	591,228		591,228
Supplies	184,870		184,870
Repair & Maintenance	1,000		1,000
Contractual Services	303,507		303,507
General	83,471		83,471
Total Utility Billing Expenses	**1,164,076**		**1,164,076**
Public Works - Admin			
Personnel	681,381		681,381
Supplies	4,800		4,800
Contractual Services	135,158		135,158
General	25,892		25,892
Total Utility Admin Expenses	**847,231**		**847,231**
Public Works - Engr			
Contractual Services	**37,898**		**37,898**
Public Works - Operations			
Personnel	1,918,440		1,918,440
Supplies	379,497		379,497
Repair & Maintenance	548,869	326,346	875,215
Contract Services	9,450,269		9,450,269
General	754,976		754,976
Capital Outlay	237,600		237,600
Total Public Works Expenses	**13,289,651**	**326,346**	**13,615,997**
Non-Departmental			
Personnel	15,736		15,736
Supplies			
Contract Services	357,133		357,133
General			
Total Non-Departmental	**372,869**		**372,869**
Total Operating Expense	**15,711,725**	**326,346**	**16,038,071**

Description	Adopted Budget		Revised Budget
Bond Expense			
Total Bond Expense	**24,554,140**		**24,554,140**
TOTAL EXPENSE	**40,265,865**	**326,346**	**40,592,211**
Net Change in Fund Balance	(3,535,665)	134,288	(3,401,377)
Ending Fund Balance	**8,424,478**		**8,558,766**
Reserve Requirement (25%)	10,007,066		10,007,066
Excess (Deficit)	(1,582,588)		(1,448,300)

AGENDA ITEM REPORT
9.12.

To:	City Council
Subject:	Consideration and possible action on Resolution No. R-2026-011 designating the *Taylor Press* as the official newspaper of record for all official City publications. (Laura Hallmark)
Meeting:	Thursday, January 8, 2026
Department:	City Secretary /
Staff Contact:	Laura Hallmark

ITEM SUMMARY:

The Hutto City Charter Sections 3.13 and 13.02 require the City to designate an official public newspaper for the circulation of ordinances, public notices, and other matters as required by State law. Records show Hutto has utilized *Taylor Press* for publication since 1991, indicating a well-established business relationship. Staff wishes to continue this relationship by using *Taylor Press* for official publications in 2026.

FISCAL NOTES:

Funds are included in the FY 2026 Budget for this expense as follows:

General Fund (10)
Account Number: 10-060-003-6402
Account Name: Advertising/Legal Notices
Budgeted Amount: $35,000

ATTACHMENTS:

1. Proposed Resolution R-2026-xxx Official Newspaper Designation

RESOLUTION NO. R-2026-xxx

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, DESIGNATING *TAYLOR PRESS* AS THE OFFICIAL NEWSPAPER OF THE CITY OF HUTTO; AUTHORIZING AND DIRECTING THE CITY MANAGER TO EXECUTE A CONTRACT ESTABLISHING THE APPLICABLE RATES FOR PUBLICATION OF CITY NOTICES; RATIFYING THE USE OF *TAYLOR PRESS* FOR NOTICES PUBLISHED PRIOR TO THIS RESOLUTION; PROVIDING PROPER NOTICE AND MEETING; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, pursuant to Sections 13.02 and 3.13 of the City Charter and to applicable statutes of the Texas Local Government Code, the City Council of the City of Hutto, Texas, does by this Resolution, hereby designate a public newspaper of general circulation in the City as the official newspaper of the City, such designation to continue until another is duly designated; and

WHEREAS, the City of Hutto shall cause to be published therein all ordinances, notices, and other matters as required and in the manner required by the City Charter, by the Ordinances of the City, or by the constitution and laws of the State of Texas; and

WHEREAS, *Taylor Press* is a widely circulated newspaper covering the area including the City of Hutto and has a large subscriber base within the City; and

WHEREAS, the use of the newspaper prior to the date of this Resolution is ratified by the City Council; and

WHEREAS, the City Manager is authorized and directed to execute a contract with *Taylor Press* establishing the applicable rates for publication of City notices.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution if fully set forth herein for all intents and purposes.

SECTION 2: That the City Council hereby designates *Taylor Press* as the official newspaper of the City of Hutto for all official publications of the City.

SECTION 3: The City hereby finds and declares that written notice of the date, hour, place, and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered, and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 4: This resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 8th day of January 2026 on a vote of __AYES; ___NAYS; __ABSTENTIONS

(Remainder of page intentionally left blank.)

CITY OF HUTTO, TEXAS:

_____

Mike Snyder, Mayor

ATTEST:

_____

Laura Hallmark, City Secretary

AGENDA ITEM REPORT
9.13.

To:	City Council
Subject:	Consideration and possible action on approving the following City Council meeting minutes: December 18, 2025 Work Session and December 18, 2025 Regular Meeting. (Laura Hallmark)
Meeting:	Thursday, January 8, 2026
Department:	City Secretary /
Staff Contact:	Laura Hallmark

ITEM SUMMARY:

Section 551.021 of the Texas Local Government Code provides as follows:

(a) A governmental body shall prepare and keep minutes or make a tape recording of each open meeting of the body.
(b) The minutes must:
(1) state the subject of each deliberation; and
(2) indicate each vote, order, decisions or other action taken.

In compliance with State Law and to provide access to citizens of the business conducted by the City, minutes are generated for each public meeting of the City Council. Once approved, these minutes are then kept on permanent file in the Office of the City Secretary.

FISCAL NOTES:

ATTACHMENTS:

1. 12.18.2025 WS DRAFT MINUTES
2. 12.18.2025 DRAFT MINUTES

City of Hutto

Minutes

City Council Work Session

Thursday, December 18, 2025 at 6:00 PM

Executive Conference Room – 500 W. Live Oak Street

1. CALL SESSION TO ORDER – 6:00 PM

2. ROLL CALL

Members of Council present: Mayor Snyder, Mayor Pro Tem Thornton, Councilmember Morris, Councilmember Gordon, Councilmember Porterfield and Councilmember King

Absent: Councilmember Thompson

3. OTHER BUSINESS

3.1. Downtown parking options. (Matt Rector, City Engineer)

Matt Rector, Executive Director of Development & Infrastructure, provided a recap of previous discussions. Members of the Downtown Hutto Business Association provided additional input.

Council discussion regarding number of additional spaces; GIS versus survey data; right-of-way acquisition; one-way direction of streets – through traffic and entrance/egress; and implementation in phases.

3.2. Discussion and possible action related to Work Session topic(s).

Motion by Councilmember Porterfield, second by Mayor Snyder, to direct staff to execute the plan based on Council discussion, bring back hard data with survey and financial information and coordinate with the Hutto Economic Development Corporation.

Mayor Snyder provided friendly amendment to implement in phases beginning with East Street, which was accepted.

Motion passed 6:0.

4. ADJOURNMENT – 6:47 PM

DRAFT

Mike Snyder, Mayor

ATTEST:

Laura Hallmark, City Secretary

DRAFT

City of Hutto

Minutes

City Council Meeting

Thursday, December 18, 2025 at 7:00 PM

Council Chambers, City Hall – 500 W. Live Oak Street

1. CALL SESSION TO ORDER – 7:00 pm

2. ROLL CALL

Members of Council present: Mayor Snyder, Mayor Pro Tem Thornton, Councilmember Thompson, Councilmember Morris, Councilmember Gordon, Councilmember Porterfield and Councilmember King

STAFF:

Staff members present: Matt Wojnowski, Assistant City Manager; Dottie Palumbo, Legal Counsel; David Amsler, Executive Director of Strategic Operations; Alberta Barrett, Finance Director; Sara Cervantes, Executive Director of Community Services; Rick Coronado, Public Works Director; Patricia Davis, CIP Engineer; Abby Fenton, Communications Manager; Cheney Gamboa, Director of Economic Development; Laura Hallmark, City Secretary; Dwain Jones, Assistant Police Chief; Kate Moriarty, Executive Director of Administrative Services; Matt Rector, Executive Director of Development & Infrastructure; Jeffrey Yarbrough, Police Chief

3. INVOCATION – Arthur Spence, Little Ebenezer Baptist Church

4. PLEDGE OF ALLEGIANCE

5. CITY MANAGER COMMENTS

6. PUBLIC COMMENT

Mike Fowler

7. BOARDS AND COMMISSIONS

7.1. Consideration and possible action regarding possible appointments, re-appointments and/or removals to City Boards, Commissions, Task Forces, Economic Development Corporations, Local Government Corporations and Tax Increment Reinvestment Zone Boards, and Area Government appointments.

DRAFT

Motion by Councilmember Gordon, second by Mayor Pro Tem Thornton, to appoint Christine Benson to the Historic Preservation Commission. Motion passed 7:0.

7.2. Consideration and possible action regarding recommendations or updates from City Council sub-committees (i.e. HISD, Public Safety, Co-Op).

There were no updates.

8. PRESENTATIONS

8.1. Hutto Chamber of Commerce Update Presentation (Joe Gonzalez)

Mr. Gonzalez provided the update and clarified the Annual Gala will be held January 24th at the Embassy Suites in Round Rock.

8.2 Police Department Quarterly Update Presentation (Chief Jeffrey Yarbrough)

Chief Yarbrough provided the update.

The following item was taken out of order:

12.2 Update from the 150th Anniversary Celebration Committee and Unveiling of the Sesquicentennial Logo. (Councilmember Gordon)

Amberley Kolar – Committee Chair, provided information for this item, including steps taken thus far, creation of committees and presented the proposed logo. Council discussion regarding access to Fritz Park due to nearby roadside construction; potential of moving celebration to Adam Orgain Park; and possibility of trademarking the logo.

9. PUBLIC HEARINGS AND RELATED ACTION

9.1 Continue a public hearing and consider possible action on Resolution No. R-2025-347 authorizing and creating the Stromberg Public Improvement District within the City of Hutto pursuant to Chapter 372, Texas Local Government Code. (Matt Rector)

Sara Cervantes, Executive Director of Community Services, provided the information for this item. The public hearing opened at 7:51 PM with one speaker: Rick Hudson.

Motion by Mayor Snyder, second by Councilmember Morris, for a final adjournment of the public hearing.

DRAFT

Mayor Snyder rescinded his motion.

Motion by Mayor Snyder, second by Councilmember Gordon, to adjourn the public hearing to the January 22, 2026 meeting. Motion passed 7:0.

9.2 Conduct a public hearing and possible action on Ordinance No. O-2025-056 to amend the Code of Ordinances (2020 edition, as amended), Chapter 4, Site Design Standards, of the City of Hutto, by amending Section 10.410.7.5 Temporary Religious Sign Display. (Matt Rector)

Matt Rector, Executive Director of Development & Infrastructure, presented the information for this item. Public hearing opened at 8:13 PM and closed at 8:16 PM with one speaker: Kerby Campbell.

Motion by Mayor Snyder, second by Councilmember Gordon, to approve the ordinance as presented, but change from four (4) hours to eighteen (18) hours and update Charter provision language in ordinance. Motion passed 7:0.

10. CONSENT AGENDA ITEMS

10.2 Consideration and possible action on Resolution No. R-2025-352 authorizing use of Construction Manager at Risk (CMAR) Contingency funds (reference Change Order No. 2) included in Work Authorization No. 3 with Archer-Western and authorizing the City Manager to execute the same for the South Wastewater Treatment Plant (SWWTP) Expansion to 6.0 MGD in the amount of $163,841. (CIP WW-06 2023). (Matt Rector)

10.3 Consideration and possible action on Resolution No. R-2025-353 authorizing the City Manager to execute a task order with Raba Kistner in the amount of $23,064.80 for construction materials observation and testing services related to the Ed Schmidt Sidewalks project (CIP T10-2023). (Matt Rector)

10.4 Consideration and possible action on Resolution No. R-2025-354 authorizing the City Manager to execute a task order with Raba Kistner in the amount of $12,112.10 for construction materials observation and testing services related to the Ed Schmidt/Limmer Loop Intersection Improvements project (CIP T10-2023). (Matt Rector)

10.6 Consideration and possible action on Resolution No. R-2025-356 authorizing the City Manager to execute the First Amended and Restated Wholesale Wastewater Agreement by and between the City of Hutto and Lakeside Municipal Utility District No. 9. (Sara Cervantes)

DRAFT

10.7 Consideration and possible action on Ordinance No. O-2025-057 correcting Ordinance No. O-2023-022 to reflect Council action amending the official zoning map of the City of Hutto for 50.850 acres of land. (Matt Rector)

10.8 Consideration and possible action on Ordinance No. O-2025-058 amending the purchasing policy for the City of Hutto, Texas. (Alberta Barrett)

10.9 Consideration and possible action on Resolution No. R-2025-357 accepting the infrastructure improvements for private development known as Ironwood Building 2 project. (Matt Rector)

10.10 Consideration and possible action on Resolution No. R-2025-358 accepting the infrastructure improvements for private development known as Ironwood Building 3 and 4 project. (Matt Rector)

10.11 Consideration and possible action on Resolution No. R-2025-359 accepting the infrastructure improvements for the Exchange Boulevard and Limmer Loop, Capital Improvement Project (CIP-T14-2024) as public infrastructure. (Matt Rector)

10.12 Consideration and possible action on Resolution No. R-2025-360 accepting the infrastructure improvements for private development known as Hutto Crossing Phase 4 section 17 project. (Matt Rector)

10.13 Consideration and possible action on Resolution No. R-2025-361 adopting a policy to expedite permit review times for industrial and commercial development projects and establishing standard review timelines for residential development. (Cheney Gamboa)

10.14 Consideration and possible action on Resolution No. R-2025-362 approving the Contract for Administrative Services by and between the City of Hutto and P3 Works, LLC related to the development known as Hutto Gateway. (Sara Cervantes)

10.15 Consideration and possible action on Ordinance No. O-2025-059 amending the budget for FY 2026 to approve an expenditure of the Hutto Economic Development Corporation (HEDC) for Professional Services. (Alberta Barrett)

10.16 Consideration and possible action on acceptance of the November 2025 financial report. (Alberta Barrett)

DRAFT

10.17 Consideration and possible action on approving the following City Council meeting minutes: December 4, 2025 Work Session and December 4, 2025 Regular Meeting. (Laura Hallmark)

Motion by Councilmember Morris, second by Councilmember Gordon, to approve the items submitted on the Consent Agenda as noted above. Motion passed 7:0.

The following items were pulled for individual consideration:

10.1 Consideration and possible action on Resolution No. R-2026-351 authorizing the City Manager to execute an agreement with Yellowstone Landscape for City Mowing services in the amount of $393,000.20 through The Interlocal Purchasing System (TIPS). (Rick Coronado)

Rick Coronado, Public Works Director, presented information for this item.

Motion by Councilmember Thompson, second by Councilmember Morris, to approve the item as presented. Motion passed 7:0.

10.5 Consideration and possible action on Resolution No. R-2025-355 authorizing the City Manager to execute Change Order No. 8 with Joe Bland Construction, LLC. in the amount of $14,060 related to the FM 1660 and Limmer Loop construction project (CIP T-03-2023). (Matt Rector)

Mr. Rector presented information for this item.

Motion by Councilmember Gordon, second by Councilmember Thompson, to approve the item as presented. Motion passed 6:1 (Snyder).

11. RESOLUTIONS

11.1 Consideration and possible action on Resolution No. R-2025-363 approving a Transportation Impact Fee (TIF) Credit for the Everhome Suites development as a result of the dedication of Right-of-Way (ROW) related to the Limmer Loop expansion project. (Matt Rector)

This item was withdrawn by the applicant. There was no action taken.

12. OTHER BUSINESS

12.1 Discussion and possible action to authorize staff to proceed with implementing the Darwin AI (Darwin Gov) platform for AI governance under existing purchasing authority. (David Amsler)

DRAFT

David Amsler, Executive Director of Strategic Operations, presented the information for this item. Dustin Haisler with Darwin AI provided additional information.

Motion by Mayor Snyder, second by Councilmember Morris, to authorize staff to proceed with Darwin AI for an amount not to exceed $28,000 for them to pursue through re-evaluation of current budget items to pay for it. Motion passed 6:1 (Thompson).

13. EXECUTIVE SESSION

13.1 Receive legal advice pursuant to Texas Government Code Sec. 551.071, (Consultation with Attorney), to deliberate and seek legal advice regarding the following matters: a) The Olander Farms Development Agreement by and between the City of Hutto and Keith Alan Olander, Karen Ann Olander, Janet Lynn Olander Barnard, Timothy Edward Barnard, Brian Anthony Barnard and Elizabeth Barnard Davis, and Hutto-40, LLC; b) Repeal of Resolution No. R-2025-331 Relating to Allora Parkland Dedication Requirements in the First Amended Annexation and Development Agreement, between the City of Hutto, Texas and 2120 Hutto, LLC. also known as the Allora Project, Maple Multi-Family, LLC.; c) Interlocal Agreements for the allocation of sales tax revenue between the Williamson County Emergency Services District #3 and the City of Hutto, Texas.

13.2 Pursuant to Texas Government Code section 551.071 (Attorney Consultation) and section 551.072 (Real Estate) to deliberate and seek legal advice regarding the acquisition of real property interests as part of the Shiloh Pump Station Project.

13.3 Receive legal advice pursuant to Texas Government Code Section 551.071 (Consultation with Attorney) and deliberations pursuant to Texas Government Code Sections 551.072, (Real Property); 551.087 (Economic Development Negotiations) related to pending economic development projects being considered by the Hutto Economic Development Corporation or the City of Hutto, including but not limited to: (a) Project Core; (b) Project Orchard; (c) Project Lake; (d) Project Football; (e) Project Cottonwood; (f) Project Sequel; (g) Megasite Project; (h) Project Sprouts; and (i) Project Air.

In Executive Session at 9:00 PM. Out at 10:41 PM, with the exception of 13.1.b.

14. ACTION RELATIVE TO EXECUTIVE SESSION

14.1 Consideration and possible action related to Executive Session agenda items, listed above.

DRAFT

Item 13.1.a: Motion by Mayor Snyder, second by Councilmember Morris, to authorize staff to do the annexation pursuant to the Development Agreement with the Olanders and contact the developer to coordinate the zoning during the annexation. Motion passed 7:0.

15. CITY COUNCIL COMMENTS

15.1 General Comments from City Council

Thompson: thank the Parks and Recreation Department and appreciation for all the holiday activities. Wish the citizens of Hutto a Happy Holidays and a safe, prosperous and peaceful 2026.

15.2 Future Agenda Items

Morris: Update on Traffic Impact Analysis for Hippo Way.

16. ADJOURNMENT – 10:44PM

_____

Mike Snyder, Mayor

ATTEST:

_____

Laura Hallmark, City Secretary

DRAFT

AGENDA ITEM REPORT
10.3.

To:	City Council
Subject:	Presentation and update on the Justice Center Facility (CIP F02-2024) Planning and Programming Update. (Matt Rector)
Meeting:	Thursday, January 8, 2026
Department:	Engineering /
Staff Contact:	Matt Rector

ITEM SUMMARY:

City Council approved a professional services agreement with BSW in FY2024 related to the Justice Center project. The original “Facility Needs Assessment and Conceptual Planning” was completed October 2025.

The City budget was approved for two facilities in the Fiscal Year 2024 budget; a Police Department facility and a Public Works facility. Both projects were reviewed by the City team for consideration of assigning projects to already selected consultants, as the Police facility was a specialized facility. As the City determined, it would benefit to seek additional qualifications from a broader team of Architectural firms.

This Agenda Item is presented as a follow-up to the November 6, 2025, Council as the final approval of the facility planning and programming assessment report.

The Police Facility project, CIP F02-2024, was approved for the 2024 fiscal year budget through a general obligation debt issuance. The City of Hutto desires the development of a sound, actionable, and fiscally responsible Police Facility that supports the entire Police Department, Court for current and future needs to serve the citizens and internal customers by providing safe and inviting work environments that meet the varying operational needs of the Police Department and other City Departments when necessary.

The City of Hutto requests to retain professional architectural services from Brinklley Sargent Wiginton Architects (BSW), a consulting firm with the qualifications and staff resources necessary to perform City governmental facility planning services including, but not limited to, schematic development and site selection.

The purpose of this agenda item is for City Council discussion of the schematic layout of the interior of the justice facility interior.

FISCAL NOTES:

At this time, there is no fiscal impact.

AGENDA ITEM REPORT
10.3.

ATTACHMENTS:

None