



Planning Department

Anthony Uresti
Director of Planning

Main Office

2818 S. Business Hwy 281
Edinburg, Texas 78539
Phone (956) 318-2840

Precinct No. 1 Substation

1900 Joe Stephens Ave. Ste. A
Weslaco, TX 78596
Phone (956) 968-4734

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

Contact the Director of Hidalgo County Planning Department to discuss the scope of the project

1. Please return the following for processing (in duplicate)
 - a. Permit application form.
 - b. Locator map.
 - c. Plans/profile of pipe or utility crossing.
 - d. Applicant's insurance certificate (in compliance with Schedule A).

2. Check payable to Hidalgo County Planning Department for appropriate fee(s) upon approval by the Hidalgo County Commissioners Court.

Hidalgo County Planning Department will make effort to process permit applications within a minimum of 30 days after receipt of the above required information.

All questions regarding this application should be addressed to the Director of Hidalgo County Planning Department.



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

THE STATE OF TEXAS

COUNTY OF HIDALGO

PRECINCT 3

**APPLICATION AND AGREEMENT FOR PIPELINE OR
UTILITY PERMIT**

Date: 8/15/2025

Vexus Fiber MSSN.05.018-3 (hereinafter referred to as "Applicant") does hereby make application to the Hidalgo County through the Hidalgo County Planning Department (hereinafter referred to as "HCPD") to construct, maintain and repair pipelines or utilities across the easements, right-of-ways, property or property interest as described below.

Information required:

1. Name, Address and Phone number of Applicant:

JJ Gonzalez - 5601 S Ware Rd, McAllen, TX

956-240-9625 - JJ.gonzalez@metronet.com

2. Name, Address and Phone number of company or agency owning Pipeline or Utility (please indicate if same as Applicant):

JJ Gonzalez - 5601 S Ware Rd, McAllen, TX

956-240-9625 - JJ.gonzalez@metronet.com

3. Name, Address and Phone number of operator of Pipeline or Utility (please indicate if same as Applicant):

JJ Gonzalez - 5601 S Ware Rd, McAllen, TX

956-240-9625 - JJ.gonzalez@metronet.com

4. Name, Address and Phone number of contractor to install Pipeline or Utility:

BST 1310 Industrial Way, Harlingen TX., 78550

Cody Fisher 956-367-4112

Visit Hidalgo County Planning Department on the web at www.co.hidalgo.tx.us



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

12. Utility Crossing Coordinate X: 26.294534 Y: -98.336888
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines:
Placing 2" HDPE PIPE BY DIRECTIONAL BORE METHOD AND
PULLING FIBER IN THE DUCT
14. Pressure (each line):
N/A
15. Content (each line):
N/A
16. Estimated date of installation of Pipeline or Utility:
As soon as this permit gets approved by H.C Commissioner Court

26.294534, -98.336888 Sheet 2
26.292414, -98.337258 Sheet 3
26.282529, -98.33894 Sheet 4



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

If requested permit is granted by HCPD, Applicant, in consideration thereof, agrees and binds itself as follows:

1. All pipelines or utilities herein will be horizontally placed within the right-of-way as determined by HCPD and at a minimum depth of five (5) feet below natural ground. Depth, horizontal, and vertical location shall be confirmed by HCPD Inspectors.
2. Location map, profile, and plans concerning the proposed pipeline or utility crossing will furnished with this application.
3. HCPD will be notified in writing ten days prior to the beginning date of construction under this permit.
4. Applicant will bear the entire expense of all future relocations of any pipelines or utilities should such relocation, at the sole discretion of the Hidalgo County Commissioners Court, be necessary for improvements, alteration, or maintenance of Hidalgo County's easement or property of interest.
5. Applicant will notify the HCPD at least 48 hours prior to covering work and or completion of its work and removal of its equipment from the job site to permit HCPD to make an inspection.
6. Upon notification by the HCPD, the Applicant will promptly repair or rectify any deficiency or condition caused by the Applicant's operations or installations under this permit. Applicant will leave easement in as near the same condition or better, in the HCPD's sole judgment, as it existed prior to the commencement of the operations under this permit.
7. Hidalgo County shall not be liable or responsible for, and shall be saved and held harmless by Applicant, and further shall be indemnified by Applicant, from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation, court costs, attorney's fees, and engineering fees for injury or death to any person, or injury to any property, received or sustained by any person or persons or property, arising out of, or occasioned by, directly or indirectly, the performance of Applicant under this agreement, including claims and damages arising in part from the negligence of Hidalgo County.



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

It is the expressed intent of the parties to this agreement that the indemnity provided for in this section is extended by Applicant to indemnify and protect Hidalgo County from the consequences of Hidalgo County's own negligence, whether that negligence is the sole or contributory cause of the resultant injury death, or damage.

Applicant further agrees to defend, at its own expense, with attorneys acceptable to Hidalgo County and on behalf of Hidalgo County, and in the name of Hidalgo County, any claim or litigation brought against Hidalgo County in connection with any such injury, death or damage.

Before construction is begun on such pipeline or utility crossings, Applicant will furnish to the HCPD a certificate of insurance (or other security approved by the HCPD) payable to Hidalgo County and protecting Hidalgo County (as an additional named insured) against any claims for personal injuries or damages to property resulting from the operations of Applicant, its agents, servants, employees, and contractors under this permit. Insurance is to be supplied in accordance with the attached Schedule A.

8. Hidalgo County makes no warranties, expressed or implied, in the granting of this permit; nor does Hidalgo County purport to grant any property interest or exclusive privileges whatsoever by granting such permit. It is specifically understood that Hidalgo County is not the agent for, nor does it act for, the fee owners or any persons or entities having any right, or title to possession of the land upon which Hidalgo County's easement or other property interest is located. Furthermore, in granting this permit Hidalgo County makes no representation or warranty that it has any property interest, including, but not limited to, an easement or right of way, in the land upon which Applicant constructs, maintains, repairs, or modifies the pipelines or utilities, made the subject of this application, nor does Hidalgo County make any representation or warranty as to the validity, quality or extent of such property interest, if any. Applicant acknowledges its understanding that Hidalgo County in granting this permit, does not convey or grant to Applicant any rights, title or interest for which is has no legal authority to grant or convey.
9. Applicant binds itself to comply with all federal, state, and local laws or regulations and will obtain all necessary permits from all local and federal agencies required by law before installation or construction is begun.



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

10. Applicant will install its pipelines and utilities in a manner and location as shown in the plans and specifications filed with HCPD in support of this application for permit. Hidalgo County Planning Department's representative may at any time make such inspection as such engineer or other representation may deem necessary to assure that the construction of the pipeline or utilities is in accordance with the plans and specifications submitted, and said engineer or representative shall have the right to temporarily suspend Applicant's work if necessary, while such inspection is being made. Should Applicant not install the pipelines or utilities in accordance with the terms and conditions of this permit, Applicant agrees that Hidalgo County shall have the right to require, at Applicant's expense, the removal of the pipelines and utilities and its replacement in conformance to said plans and specifications and conditions of this permit. Hidalgo County may revoke this permit and suspend all work hereunder if it is determined by Hidalgo County that the pipelines or utilities are not being installed in accordance with such plans and specifications and conditions of this permit. The suspension or revocation of this permit shall not be a basis for a claim for damages against Hidalgo County.
11. Except in emergency situations where it is necessary to protect life and property, Applicant will not make any change, modification, or alteration in or to the pipelines or utilities without first securing a new or amended permit from Hidalgo County prior to the making of any such change. Applicant will maintain the pipelines or utilities hereby authorized in good and safe condition, and in accordance with plans, specifications, and this permit.
12. Applicant agrees to pay HCPD a permit fee to cover administrative costs in the amount of **\$500.00**, plus a reimbursement to HCPD for any necessary engineering fees which may be incurred for the study and processing of the Application. This fee will permit a single pipeline or utility to be within County right-of-way. Applicant further agrees to pay an additional fee of **\$500.00** for each additional line included in permit application at the same location; however, more than one location may be included in a single application.

Requests to lay additional line or lines, not included in an initial permit application, must be made by separate application, with new permit fees paid accordingly and support data provided.



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

Permit fees may be waived where Applicant is a state, county, municipality, or a special political subdivision.

13. The Applicant is allowed one hundred twenty days (120) from the granting of the permit to start construction of the pipelines or utilities crossings. Once started, the Applicant is allowed ninety (90) days to complete all work under such permit. All construction must be completed within two hundred ten (210) days from the date of issuance of permit. Upon application, extension of the time periods set forth in this paragraph may be granted by the Hidalgo County Commissioners Court. Such applications for extension must be received by HCPD at least thirty days before the expiration of the two hundred ten (210) days period. A new permit fee, in accordance with Paragraph 12 hereof, will be charged for each extension granted.

Construction of any pipeline or utility crossing will not begin until written approval has been given by HCPD.

14. All provisions of the Pipeline and Utility Permit Administration Policy of Hidalgo County, if any, and all amendments thereto, are hereby incorporated herein as part of the terms and conditions of this permit for all purposes.
15. Applicant warrants and represents that it has secured from all fee owners of the involved property an easement or other property rights to construct, repair or modify the pipeline or utility in the manner set forth herein.
16. This Pipeline and Utility Permit if granted by Hidalgo County is subject to any and all other requirements, specifications and conditions listed in Exhibit A attached hereto.
17. Hidalgo County requires all coordinates of all utility crossings. Horizontal datum to be in NAD 83 State Plane Texas South 4205 feet and vertical datum in NAVD 88 Geoid 12a.



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Fax (956) 205-7049

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

18. This permit constitutes the entire agreement between the parties with regard to the subject matter hereof, and all prior agreements, representations, and negotiations between the parties regarding the subject matter are hereby superseded. This permit shall not be altered or amended except by an agreement in writing executed by the parties hereto.

19. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Pipeline or Utility Permit.

DATED this 22nd day of May, 2025.

Luis Smith
(Name of Applicant – Printed or Typed)

By: [Signature]
Signature

Title: Sr. Permit Coordinator

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Luis Smith, on this 22 day of May, 2025,
to which witness my hand and seal of office.



Melinda Medley
Notary Public for the State of Texas

My Commission Expires: 9-13-2025



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19. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Pipeline or Utility Permit.

DATED this September day of 2nd, 2025.

Tiffany Rice

(Name of Applicant – Printed or Typed)

By: [Signature]

Signature

Title: Permitting Manager

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Tiffany Rice, on this 2 day of Sept., 2025
to which witness my hand and seal of office.

[Signature]

Notary Public for the State of Texas

My Commission Expires: 12/3/2025





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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

**APPROVAL OF APPLICATION BY
HIDALGO COUNTY PLANNING DEPARTMENT**

Came on for consideration this _____ day of _____,
20____. The above and foregoing Application for Pipeline and Utility
Permit, and after consideration of the same by the Hidalgo County
Commissioners Court, said Application and Agreement for Pipeline or
Utility Permit is hereby APPROVED.

HIDALGO COUNTY:

Richard F. Cortez, County Judge



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

EXHIBIT A

(Please insert description of project location and supporting documents for proposed utility work)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/9/2025

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 IMA, Inc. - Kansas City 11350 Switzer Rd, Suite 200 Overland Park KS 66210	CONTACT NAME: Erika Flynn	
	PHONE (A/C. No. Ext): 913-800-2397	FAX (A/C. No):
E-MAIL ADDRESS: erika.flynn@imacorp.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
License#: PC-1210733 METRINC-01	INSURER A: The Standard Fire Insurance Company	19070
INSURED Vexus Fiber, LLC 11880 College Boulevard, Suite 100 Overland Park, KS 66210	INSURER B: The Charter Oak Fire Insurance Company	25615
	INSURER C: The Travelers Indemnity Company of America	25666
	INSURER D: Travelers Property Casualty Company of America	25674
	INSURER E: Endurance American Specialty Insurance Company	41718
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 2115361831

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
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			6309P532424COF24	10/1/2024	10/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
C	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			CAP9P532412TIL24	10/1/2024	10/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
D	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUP9P53243624I3	10/1/2024	10/1/2025	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	UB3Y56457324I3K	10/1/2024	10/1/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B E	Leased/Rented Coverage Cyber Liability			6309P532424COF24 CTO30069533500	10/1/2024 10/1/2024	10/1/2025 10/1/2025	Limit \$1,000,000 See Below Deductible \$50,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Cyber Liability: Each Occurrence \$10,000,000; Aggregate \$10,000,000; Retention \$100,000.
 The General Liability policy includes a Contractual Liability Railroad endorsement CG D6 47 10 12, subject to policy terms and conditions.
 Certificate Holder and all other parties required by the contract are included as Additional Insured on the General Liability, Automobile Liability and Umbrella Liability Policies, if required by written contract or agreement, subject to the policy terms and conditions.

CERTIFICATE HOLDER**CANCELLATION**

Hidalgo County
 2818 S Business Hwy 281
 Edinburg TX 78539

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

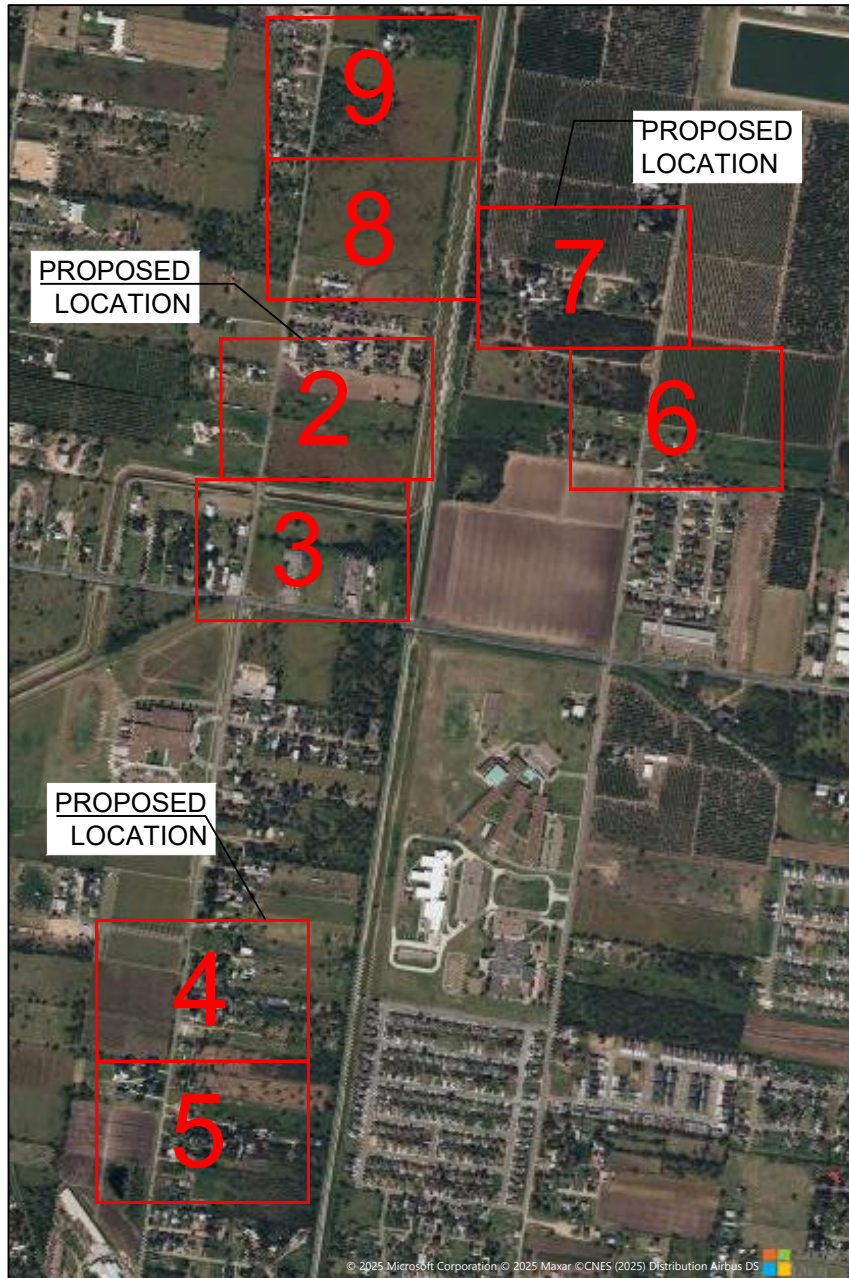
AUTHORIZED REPRESENTATIVE

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MSSN.05.018 MISSION TX / HIDALGO COUNTY



ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!
1-800-545-6005



AREA MAP

COUNTY OF HIDALGO PERMIT DRAWINGS

DATE: 7/14/2025

DRAWING INDEX	SHEET
COVER SHEET	01
CONSTRUCTION PLANS	02-09
TYPICAL DETAILS	T1-T13

CONTACT INFORMATION	
PRIMARY CONTACT (NAME):	LUIS SMITH
PHONE:	(806) 891-4308
EMAIL:	LUIS.SMITH@VEXUSFIBER.COM
ADDITIONAL CONTACT (NAME):	NICK WILLIAMS
PHONE:	(512) 328-2461
EMAIL:	NICK.WILLIAMS@WILCOMM.COM

PREPARED BY
WILLIAMS
COMMUNICATIONS INC.
SINCE 1979
5524 BEE CAVES RD, SUITE C-1
AUSTIN TX 78746
PHONE: (512) 328-2461
www.wilcomm.com



PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
MSSN.05.018 - COUNTY PERMIT
RIO GRANDE VALLEY, TX

PROJECT LOCATION:
RIO GRANDE VALLEY
MISSION, TX
HIDALGO COUNTY

GENERAL NOTES:

1. All existing utility locations shown are approximate and may not be accurate. It is the contractor's responsibility to locate (horizontally and vertically) within the area of construction) and repair any utilities damaged during this construction described herein.
2. Call underground service at least 48 hours prior to construction.
3. Contractor is responsible for "potholing", locating and probing all utilities in the work area prior to construction to prevent damage.
4. All underground facility road crossings must be at least 60" minimum depth below grade.
5. Underground construction methods will be a combination of trenching and directional drilling.



WILLIAMS
COMMUNICATIONS INC.
SINCE 1979

5524 Bee Caves Rd, Suite C-1
Austin, Texas 78746
(512) 328-2461
www.wilcomm.com

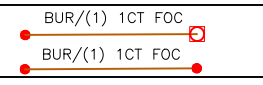
--	08	07
--	02	--
--	03	--

LAT: 26.294534
LONG: -98.336888

ALL PEDS & VAULTS SHOWN ARE NEW

- ALL BURIED FIBER ROUTES TO BE CONSTRUCTED THROUGH TRENCH WORK OR DIRECTIONAL BORE.
- EACH FIBER LINE EQUAL TO OR GREATER THAN 24CT WILL BE PLACED IN A 1.25" CONDUIT.

*PROPOSED DIRECTIONAL DRILL & INSTALLATION OF DUCT WITH CABLE TO MAINTAIN A MINIMUM LONGITUDINAL DEPTH OF 48" AND A LATITUDINAL DEPTH OF 60" BELOW GRADE AT ALL TIMES.



ALL POLES SHOWN ARE EXISTING

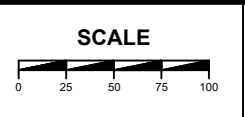
*PROPOSED AERIAL CABLE TO MAINTAIN MINIMUM 18' CLEARANCE OVER ASPHALT SURFACE



CALL BEFORE YOU DIG! 1-800-545-6005
ALL POLE ATTACHMENTS ARE TO EXISTING POLES EXCEPT WHERE OTHERWISE INDICATED

BURIED		F/O_BUR
OVERHEAD		F/O_OH
STRAND ONLY		ST/OH

	POLE
	POLE RISER
	ANCHOR
	WATER BOX



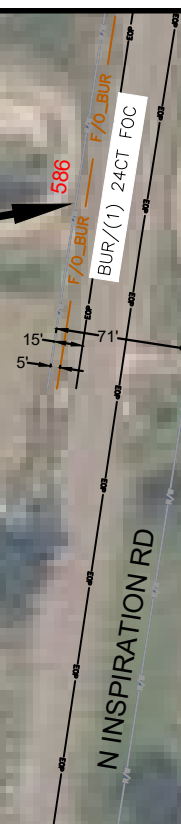
???'	STRAND ONLY FTG
???'	OVERHEAD FTG
???'	BURIED FTG

DATE: 7/14/2025
SCALE: 1" = 100' (APPROX.)
CITY: MISSION, TX

DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO
PROJECT DESCRIPTION
SHEET 02 OF 09

© 2025 Microsoft Corporation © 2025 Maxar © CNES (2025) Distribution Airbus DS

LAT: 26.292414
 LONG: -98.337258



PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
 MSSN.05.018 - COUNTY PERMIT
 RIO GRANDE VALLEY, TX

PROJECT LOCATION:
 RIO GRANDE VALLEY
 MISSION, TX
 HIDALGO COUNTY

GENERAL NOTES:

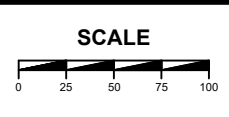
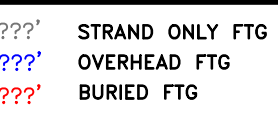
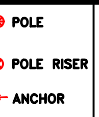
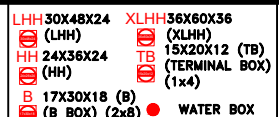
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5. Underground construction methods will be a combination of trenching and directional drilling.



--	02	--
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CALL BEFORE YOU DIG! 1-800-545-6005
 ALL POLE ATTACHMENTS ARE TO EXISTING POLES
 EXCEPT WHERE OTHERWISE INDICATED



DATE: 7/14/2025
 SCALE: 1" = 100' (APPROX.)
 CITY: MISSION, TX

DRAFTED BY: WILLIAMS
 COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET 03 OF 09

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
MSSN.05.018 - COUNTY PERMIT
RIO GRANDE VALLEY, TX

PROJECT LOCATION:
RIO GRANDE VALLEY
MISSION, TX
HIDALGO COUNTY

GENERAL NOTES:

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5. Underground construction methods will be a combination of trenching and directional drilling.



LAT: 26.282529
LONG: -98.33894



WILLIAMS
COMMUNICATIONS INC.
SINCE 1979

5524 Bee Caves Rd, Suite C-1
Austin, Texas 78746
(512) 328-2461
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--	04	--
--	05	--

CALL BEFORE YOU DIG! 1-800-545-6005
ALL POLE ATTACHMENTS ARE TO EXISTING POLES
EXCEPT WHERE OTHERWISE INDICATED

BURIED		F/O BUR
OVERHEAD		F/O OH
STRAND ONLY		ST/OH

LHH 30X48X24 (LHH)	XLHH 36X60X36 (XLHH)	POLE
HH 24X36X24 (HH)	15X20X12 (TB) (TERMINAL BOX) (1x4)	POLE RISER
B 17X30X18 (B) (B BOX) (2x8)	WATER BOX	ANCHOR

???' STRAND ONLY FTG	SCALE
???' OVERHEAD FTG	
???' BURIED FTG	

DATE: 7/14/2025
SCALE: 1" = 100' (APPROX.)
CITY: MISSION, TX

DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET 04 OF 09

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GENERAL NOTES

- RIGHT OF WAY DATA USED FOR PERMITTING PURPOSES ONLY, NOT TO BE USED FOR SURVEYING PURPOSES.
- ABOVE GROUND UTILITY FEATURES SHOWN FROM GIS DATA SOURCES PROVIDED BY OTHER UTILITIES AND THE CITY OF LAREDO. ALL SUBSURFACE UTILITIES SHOWN ARE APPROXIMATE. UTILITY LOCATES WILL BE PERFORMED PRIOR TO CONSTRUCTION.
- PARCEL GIS DATA WAS PROVIDED BY COUNTY RECORDS.
- ALL BORES WILL BEGIN AND END AT A MINIMUM OF 8' FROM EDGE OF PAVEMENT
- DRIVEWAYS, TREES, AND CULVERTS WILL BE DIRECTIONAL BORED.
- UTILITY FACILITIES INSTALLED IN A DITCH LINE MUST MAINTAIN AT LEAST 36" OF COVER FROM THE CROWN OF THE CONDUIT TO THE BOTTOM OF THE DITCH LINE DESIGN DEPTH.
- CONTRACTOR SHALL OBTAIN FORMAL APPROVAL FOR ANY INSTALLATION OF FACILITIES OUTSIDE OF PUBLIC RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.

SYMBOLS KEY

	Utility Pole		R/W	Right of Way
	Utility Pole Anchor		EOP	Edge of Pavement
	Proposed Handhole 1		C/L	Centerline
	Proposed Handhole 2		F/O_OH	Proposed Aerial Path
	Proposed Pedestal		F/O_BUR	Proposed Buried Path
	Street Light		SL/TS	Steet Light Circuit
	Transformer		E	Power Path
	Water Valve		T	Comm Path
	Sanitary Sewer MH		W	Water Path
	Storm Drain MH		SEW	Sanitary Path
	Storm Drain Inlet		SD	Storm Drain Path
	Storm Drain Outfall		SD/CH	Storm Drain Channel

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

GENERAL NOTES:

- All existing utility locations shown are approximate and may not be accurate. It is the contractor's responsibility to locate (horizontally and vertically) within the area of construction) and repair any utilities damaged during this construction described herein.
- Call underground service at least 48 hours prior to construction.
- Contractor is responsible for "potholing", locating and probing all utilities in the work area prior to construction to prevent damage.
- All underground facility road crossings must be at least 60" minimum depth below grade.
- Underground construction methods will be a combination of trenching and directional drilling.

CITY OF LAREDO NOTES:

- CONTRACTOR TO CALL IN LOCATES THROUGH TEXAS EXCAVATION SAFETY SYSTEMS AND CITY UTILITIES (CONFIRMATION REQUIRED) A MINIMUM (2) DAYS PRIOR TO EXCAVATION. (1-800-344-8377)
- CONTRACTOR TO MAINTAIN FIVE (5) FEET MINIMUM HORIZONTAL AND TWO (2) FEET MINIMUM VERTICAL CLEARANCE FROM CITY FACILTITIES.
- ALL UTILITY CROSSINGS MUST HAVE DEPTH VERIFIED BY POTHOLING WITH CITY OF LAREDO APPROVAL.
- ALL DIRECTIONAL BORING SHALL HAVE THE LOCATOR PLACE BORE MARKS AND DEPTHS WHILE THE BORE IS IN PROGRESS. LOCATOR SHALL PLACE A MARK AT EACH STEM WITH A PAINT DOT AND DEPTH AT LEAST EVERY OTHER STEM.
- CONTRACTOR IS NOT PERMITTED TO OPERATE CITY WATER VALVES FOR ANY REASON.
- CONTRACTOR MUST CLEAN SEDIMENT AND MUD FROM STREETS AND OTHER PAVED SURFACES BY PICKING IT UP AND SWEEPING. WASHING DOWN STREETS IS NOT PERMITTED.
- CONTRACTOR MUST PICK UP CONSTRUCTION DEBRIS AND TRASH DAILY
- CONTRACTOR MUST STABILIZE DISTURBED AREAS IN ESTABLISHED LAWN AREAS WITH WHOLE BLOCK SOD. EROSION CONTROL MATTING AND/OR HYDRO-MULCH SEEDING AND FERTILIZING ARE PERMISSIBLE IN OTHER AREAS.

CITY OF LAREDO DIGITAL GEOGRAPHIC INFORMATION DISCLAIMER:

THIS INFORMATION HAS BEEN SUBMITTED OR GATHERED FROM VARIOUS SOURCES. GEOGRAPHIC INFORMATION HAS A HIGH PROBABILITY OF BECOMING OUTDATED FROM THE TIME IT IS COLLECTED AND THEREFORE AT-PRESENT GROUND CONDITIONS SHOULD BE ASSESSED TO DETERMINE THE ACCURACY OF PROVIDED INFORMATION. THE CITY OF LAREDO ACCEPTS NO RESPONSIBILITY IN GUARANTEEING THE ACCURACY OF THIS DATA.

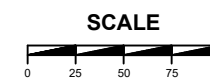
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FIBER

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--	T1	--
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CALL BEFORE YOU DIG! 1-800-344-8377

ALL PEDS AND VAULTS
SHOWN ARE NEW



DATE: 5/12/2025

SCALE: N/A

CITY: MISSION, TX

DRAFTED BY: WILLIAMS

COUNTY/PARISH: HIDALGO

PROJECT
DESCRIPTION
SHEET T1 OF T13

CENTERPOINT ENERGY NOTES:

CAUTION: UNDERGROUND GAS FACILITIES

1. The contractor shall contact the Utility Coordinating Committee at 1-800-545-6005 or 811 a minimum of 48 hours prior to construction to have main and service lines field located.
2. When CenterPoint Energy pipeline markings are not visible, call (713) 207-5463 or (713) 945-8037 (7:00 a.m. to 4:30 p.m.) for status of line location request before excavation begins.
3. When excavating within eighteen inches (18") of the indicated location of CenterPoint Energy facilities, all excavation must be accomplished using non-mechanized excavation procedures.
4. When CenterPoint Energy facilities are exposed, sufficient support must be provided to the facilities to prevent excessive stress on the piping.
5. For emergencies regarding gas lines call (713) 659-2111 or (713) 207-4200.
6. The contractor is fully responsible for any damages caused by his failure to exactly locate and preserve these underground facilities.

WARNING: UNDERGROUND ELECTRICAL UTILITIES

1. The contractor shall contact the utility coordinating committee at 1-800-545-6005 or 811, a minimum of 48 hours prior to construction to have main and service lines field located.
2. All information concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The contractors are responsible making their own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The contractor shall verify location of underground pipelines, conduits, and structures by contacting owners of underground utilities or by excavating in advance of construction.
3. The contractor is responsible for determining the exact location of all utilities when and where they fall in the path of construction.
4. The contractor is also responsible for contacting the utility coordinating committee at (713) 223-4567 and Texas one call at 1-800-245-4545, forty-eight (48) hours prior to any construction.
5. The location of any CenterPoint energy utilities are shown in approximate way only. The contractor shall determine the exact location before commencing work. They agree to be fully responsible for any and all damages which might be occasioned by this failure to exactly locate and preserve these underground utilities.
6. All proposed facilities shall maintain 12" clear from all existing utilities.

WARNING: OVERHEAD ELECTRICAL LINES

1. Overhead lines may exist on the property. The location of overhead lines has not been shown on these drawings as the lines are clearly visible, but you should locate them prior to beginning any construction.
2. Texas law, Section 752, Health & Safety Code forbids activities that occur in close proximity to high voltage lines, specifically:
 - Any activity where person or things may come within six(6) feet of live overhead high voltage lines; and
 - Operating a crane, derrick, power shovel, drilling rig, pile driver, hoisting equipment, or similar apparatus within 10 feet of live overhead high voltage lines.
3. Parties responsible for the work, including contractors are legally responsible for the safety of construction workers under this law. This law carries both criminal and civil liability. To arrange for lines to be turned off or removed call CenterPoint Energy at (713) 207-2222.

ACTIVITIES ON/OR ACROSS CENTERPOINT ENERGY FEE OR EASEMENT PROPERTY

No approval to use, cross or occupy CenterPoint fee or easement property is given. If you need to use CenterPoint property, please contact our Surveying & Right of Way Division at (713) 207-6348 or (713) 207-5769.

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

GENERAL NOTES:

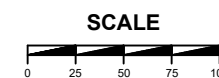
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CALL BEFORE YOU DIG! 1-800-344-8377

ALL PEDS AND VAULTS
SHOWN ARE NE



DATE: 5/12/2025

SCALE: N/A

CITY: MISSION, TX

DRAFTED BY: WILLIAMS

COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T2 OF T13


CENTERPOINT ENERGY LEGEND:


IP = INTERMEDIATE PRESSURE
 HP = HIGH PRESSURE
 PLA. = PLASTIC
 STL. = STEEL

CENTERPOINT ENERGY
 1 1/4" IP PLA. OR STL.
 GAS MAIN 

CENTERPOINT ENERGY
 2" IP PLA. OR STL.
 GAS MAIN 


CENTERPOINT ENERGY
 3" IP PLA. OR STL.
 GAS MAIN 


CENTERPOINT ENERGY
 4" IP PLA. OR STL.
 GAS MAIN 


CENTERPOINT ENERGY
 6" IP PLA. OR STL.
 GAS MAIN 

CENTERPOINT ENERGY
 8" IP PLA. OR STL.
 GAS MAIN 


CENTERPOINT ENERGY
 10" AND UP, IP PLA.
 OR STL.
 GAS MAIN 


CENTERPOINT ENERGY
 1 1/4" HP PLA. OR STL.
 GAS MAIN 


CENTERPOINT ENERGY
 2" HP PLA. OR STL.
 GAS MAIN 


CENTERPOINT ENERGY
 3" HP PLA. OR STL.
 GAS MAIN 

CENTERPOINT ENERGY
 4" HP PLA. OR STL.
 GAS MAIN 

CENTERPOINT ENERGY
 6" HP PLA. OR STL.
 GAS MAIN 

CENTERPOINT ENERGY
 8" HP PLA. OR STL.
 GAS MAIN 

CENTERPOINT ENERGY
 10" AND UP, HP PLA. OR
 STL.
 GAS MAIN 

CENTERPOINT ENERGY
 INTRASTATE PIPELINE
 (CEIP) 

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
 CITY OF MISSION
 FTTH PERMITTING
PROJECT LOCATION:
 MISSION, TX
 (HIDALGO COUNTY)

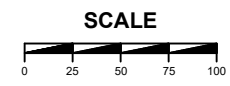
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CALL BEFORE YOU DIG! 1-800-344-8377
 ALL PEDS AND VAULTS
 SHOWN ARE NEW



DATE: 5/12/2025
 SCALE: N/A
 CITY: MISSION, TX

DRAFTED BY: WILLIAMS
 COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T3 OF T13

**PROPOSED
CONSTRUCTION
PLANS**

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

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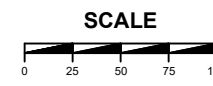


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CENTERPOINT ENERGY SIGNATURES

<p>NOTICE: For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This signature does not fulfill your obligation to call 811.</p>
<p>VERIFICATION OF PRIVATE ULTILITY LINES</p>
<p>_____ DATE _____</p>
<p>CenterPoint Energy natural gas utilities shown. (Gas service lines are not shown). This signature not to be used for conflict verification. Signature Valid for six months.</p>
<p>_____ DATE _____</p>
<p>CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY. (This signature verifies existing underground facilities - not to be used for conflict verification.) Signature Valid for six months.</p>

CALL BEFORE YOU DIG! 1-800-344-8377
ALL PEDS AND VAULTS
SHOWN ARE NEW



DATE: 5/12/2025
SCALE: N/A
CITY: MISSION, TX

DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T4 OF T13

BORE PROFILE TYPICAL CITY OF LAREDO ROAD CROSSING 2 LANE ROAD

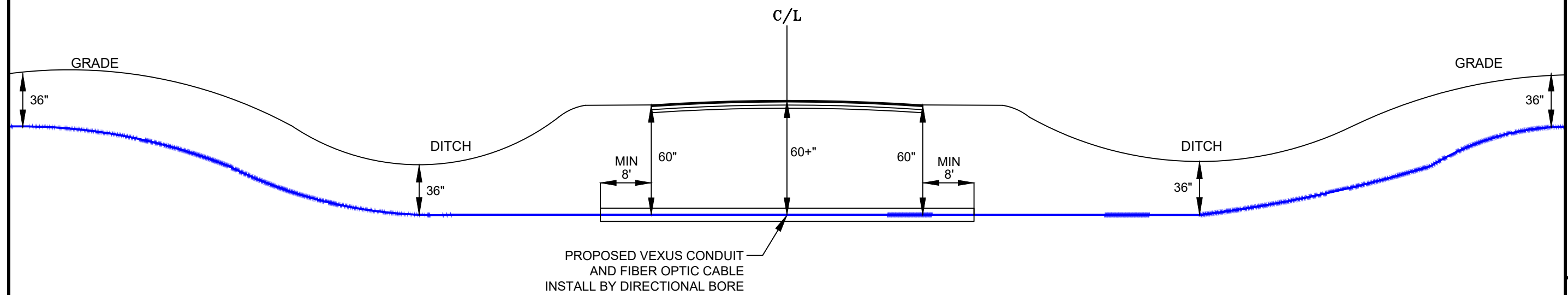
PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

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PROPOSED VEXUS CONDUIT
AND FIBER OPTIC CABLE
INSTALL BY DIRECTIONAL BORE

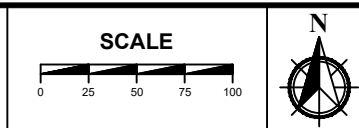
* REFER TO DESIGN FOR NUMBER OF FIBER OPTIC CABLES AND CONDUITS AT EACH CROSSING



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--	T5	--
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CALL BEFORE YOU DIG! 1-800-344-8377
ALL PEDS AND VAULTS
SHOWN ARE NEW

DATE: 5/12/2025
SCALE: N/A
CITY: MISSION, TX



DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T5 OF T13

BORE PROFILE TYPICAL CITY OF LAREDO ROAD CROSSING 4 LANE ROAD

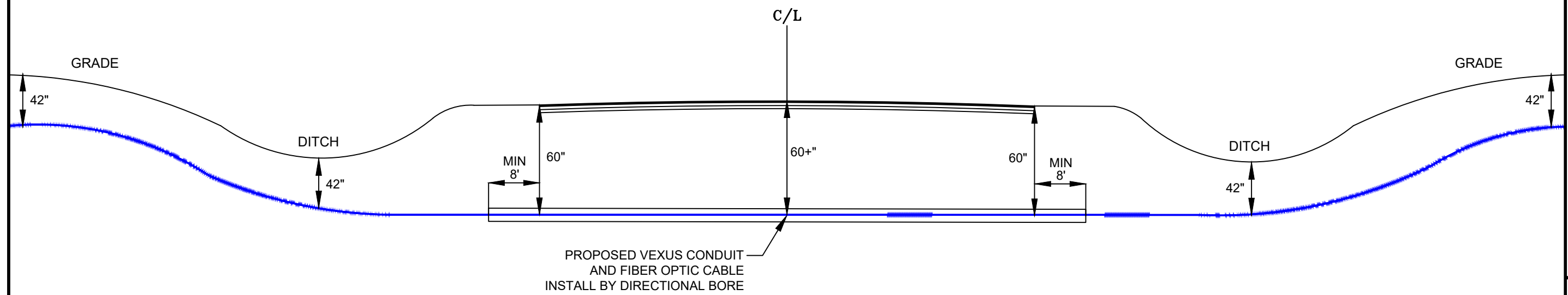
PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

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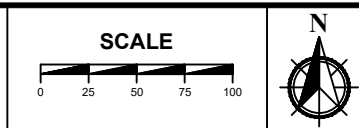
* REFER TO DESIGN FOR NUMBER OF FIBER OPTIC CABLES AND CONDUITS AT EACH CROSSING



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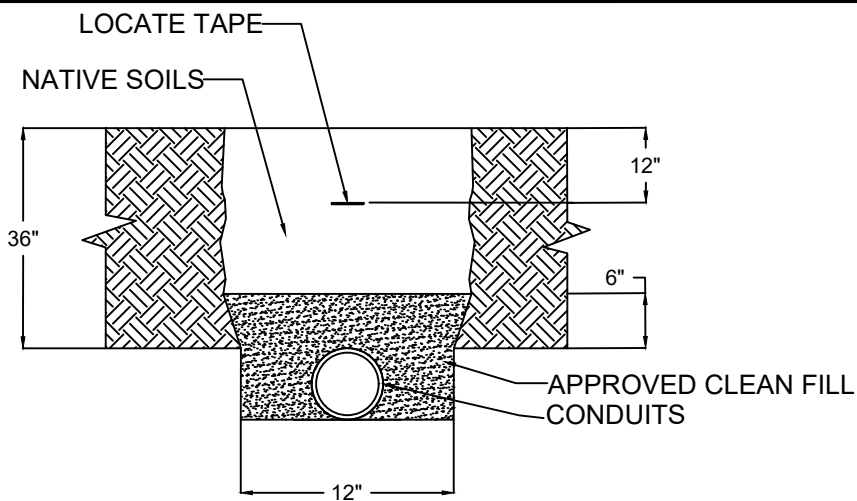
CALL BEFORE YOU DIG! 1-800-344-8377
ALL PEDS AND VAULTS SHOWN ARE NEW

DATE: 5/12/2025
SCALE: N/A
CITY: MISSION, TX

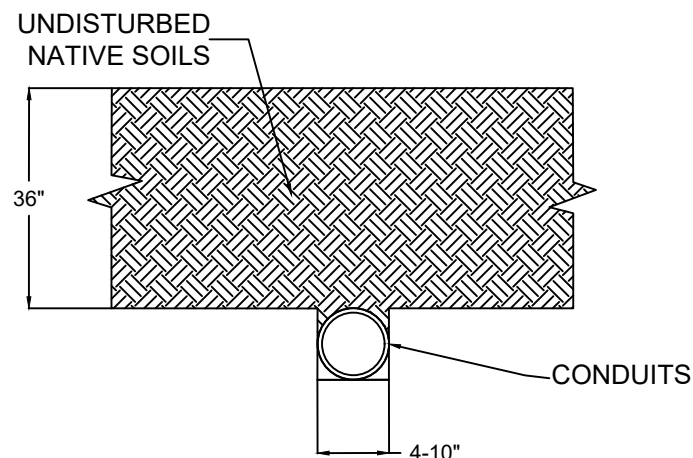


DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

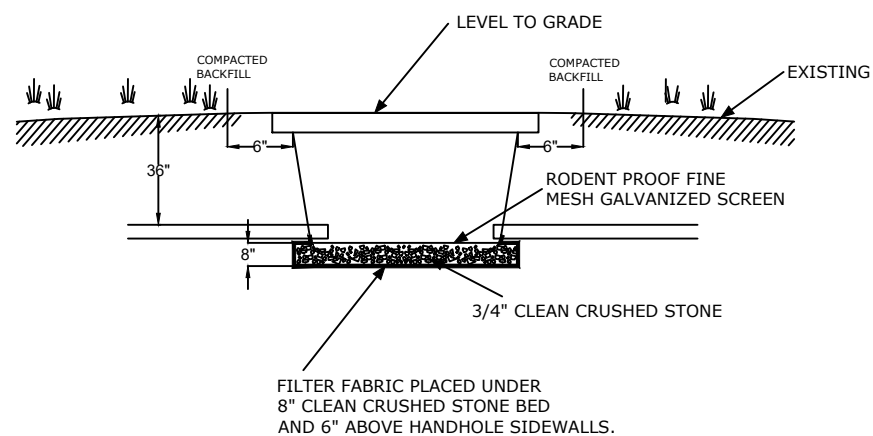
PROJECT DESCRIPTION
SHEET T6 OF T13



STANDARD TRENCH DETAIL - 36" DEPTH

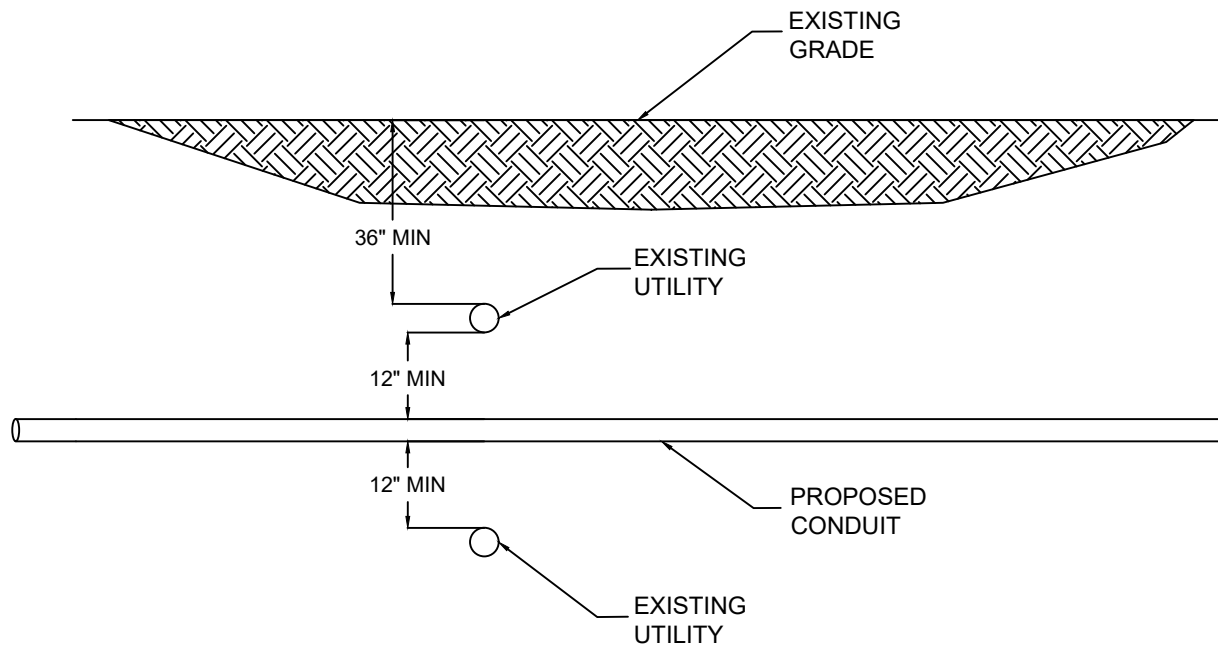


STANDARD DIRECTIONAL BORE DETAIL - 36" DEPTH

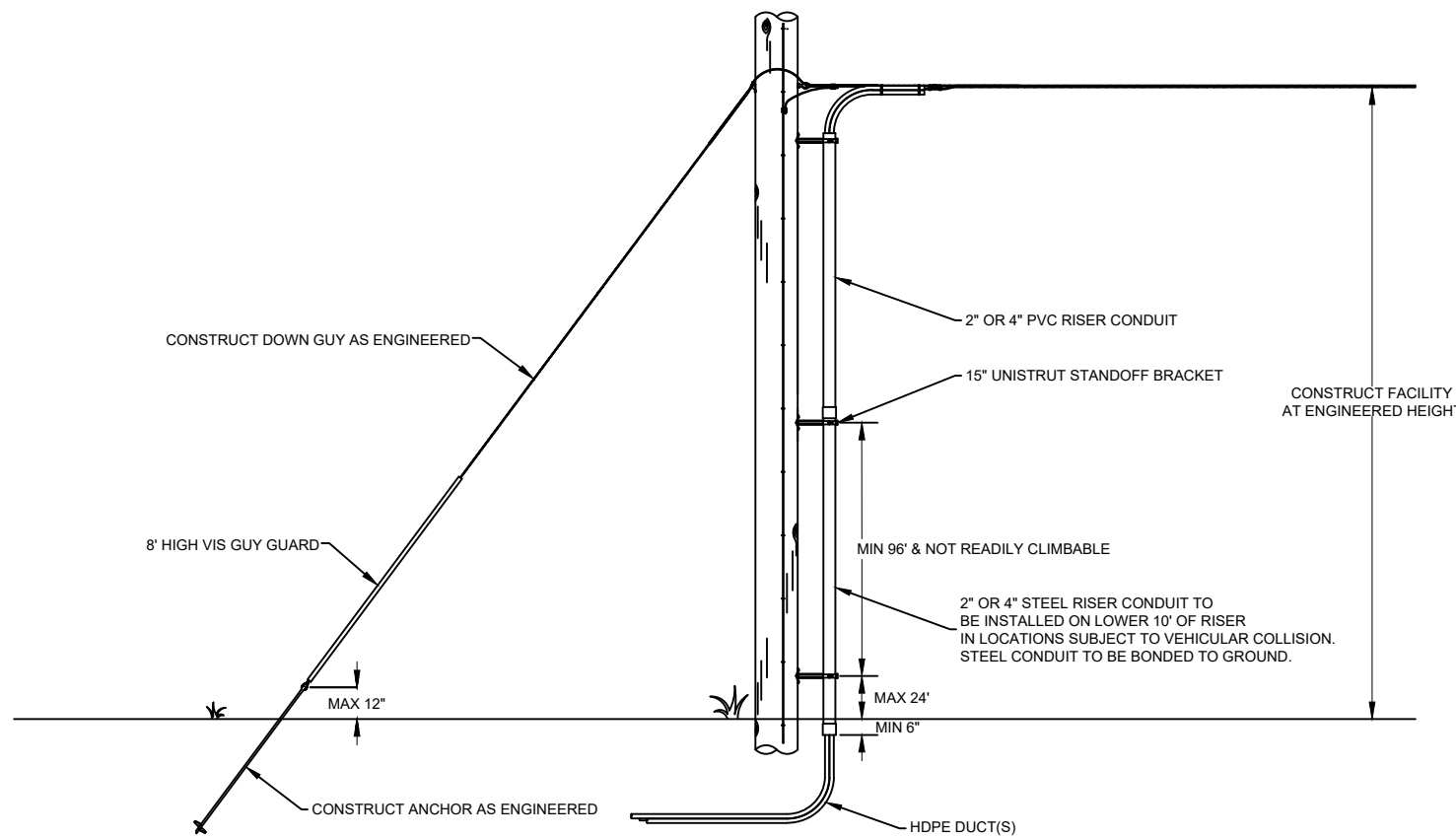


STANDARD HANDHOLE DETAIL

NOTE: CONTRACTOR TO POTHOLE ALL UTILITIES TO CONFIRM DEPTH BEFORE CROSSING.
CONTRACTOR TO POTHOLE TO A MINIMUM OF 12" BELOW PROPOSED BORE DEPTH TO CONFIRM SEPARATION FROM UTILITIES BELOW



SEPARATION FROM OTHER UTILITIES



STANDARD SCREW ANCHOR & RISER TYPICAL

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING
PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

GENERAL NOTES:

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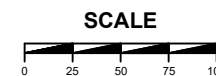


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(512) 328-2461
www.wilcomm.com

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--	T7	--
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CALL BEFORE YOU DIG! 1-800-344-8377

ALL PEDS AND VAULTS
SHOWN ARE NEW



DATE: 5/12/2025

SCALE: N/A

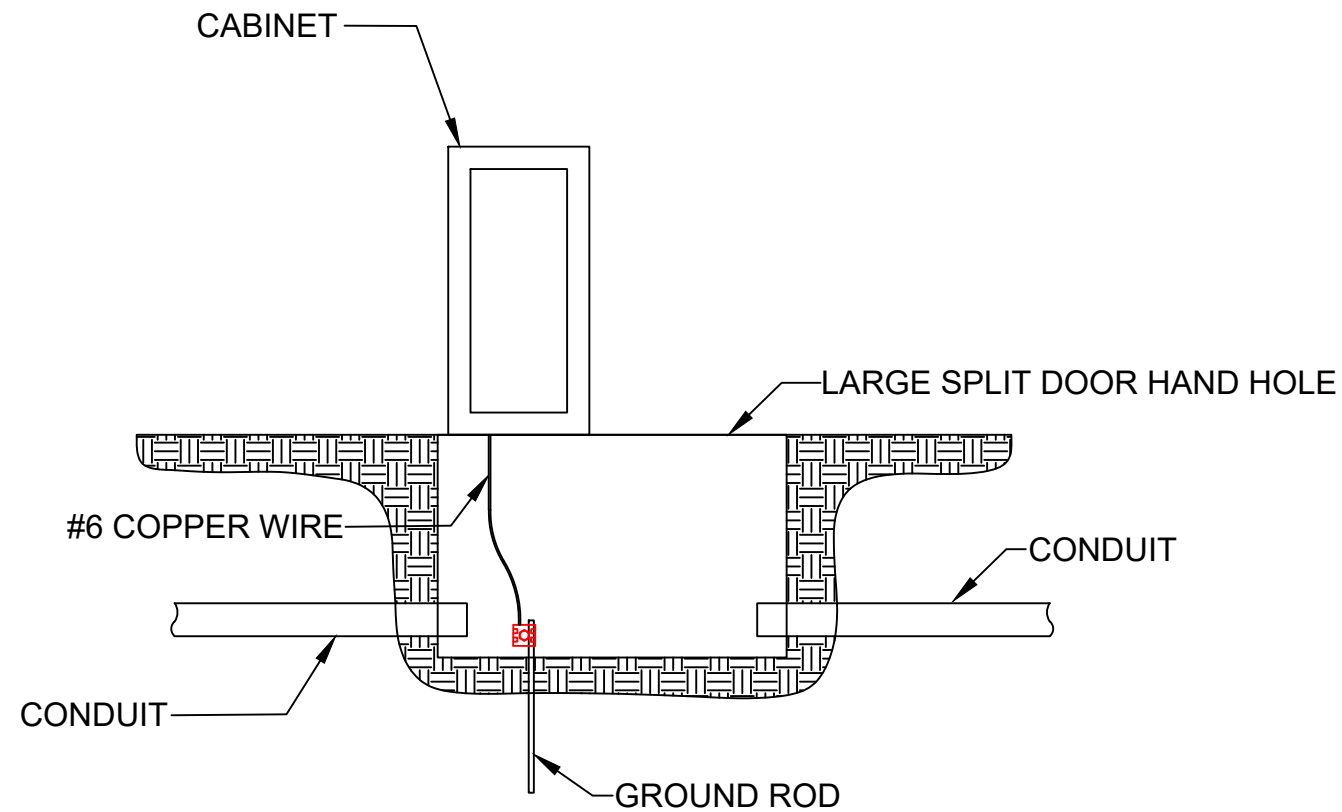
CITY: MISSION, TX

DRAFTED BY: WILLIAMS

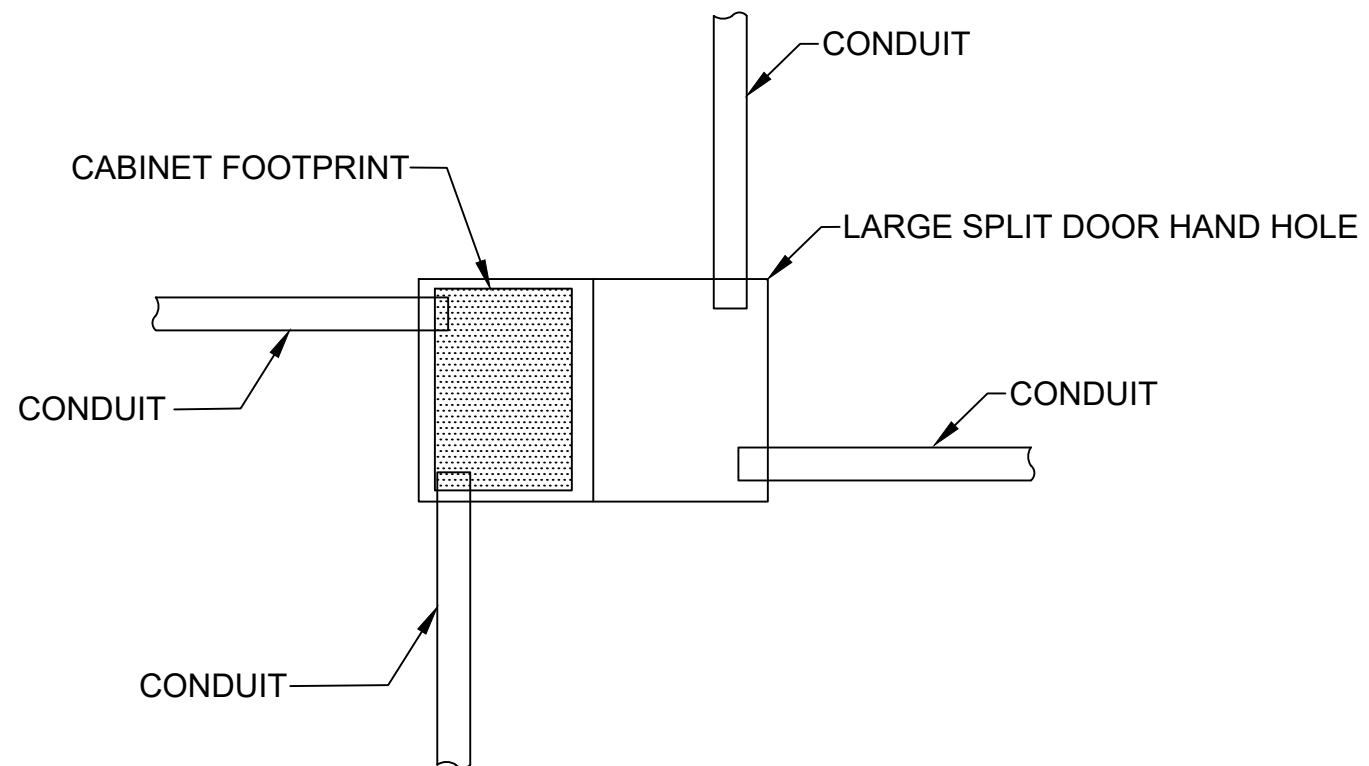
COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T7 OF T13

FIBER OPTIC CABINET TYPICAL



PROFILE VIEW



PLAN VIEW

NOTE: SEE MANUFACTURER RECOMMENDATIONS FOR SPECIFIC MOUNTING AND POWERING REQUIREMENTS.

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

GENERAL NOTES:

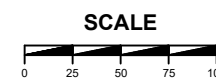
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--	T8	--
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CALL BEFORE YOU DIG! 1-800-344-8377

ALL PEDS AND VAULTS SHOWN ARE NEW



DATE: 5/12/2025

SCALE: N/A

CITY: MISSION, TX

DRAFTED BY: WILLIAMS

COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T8 OF T13

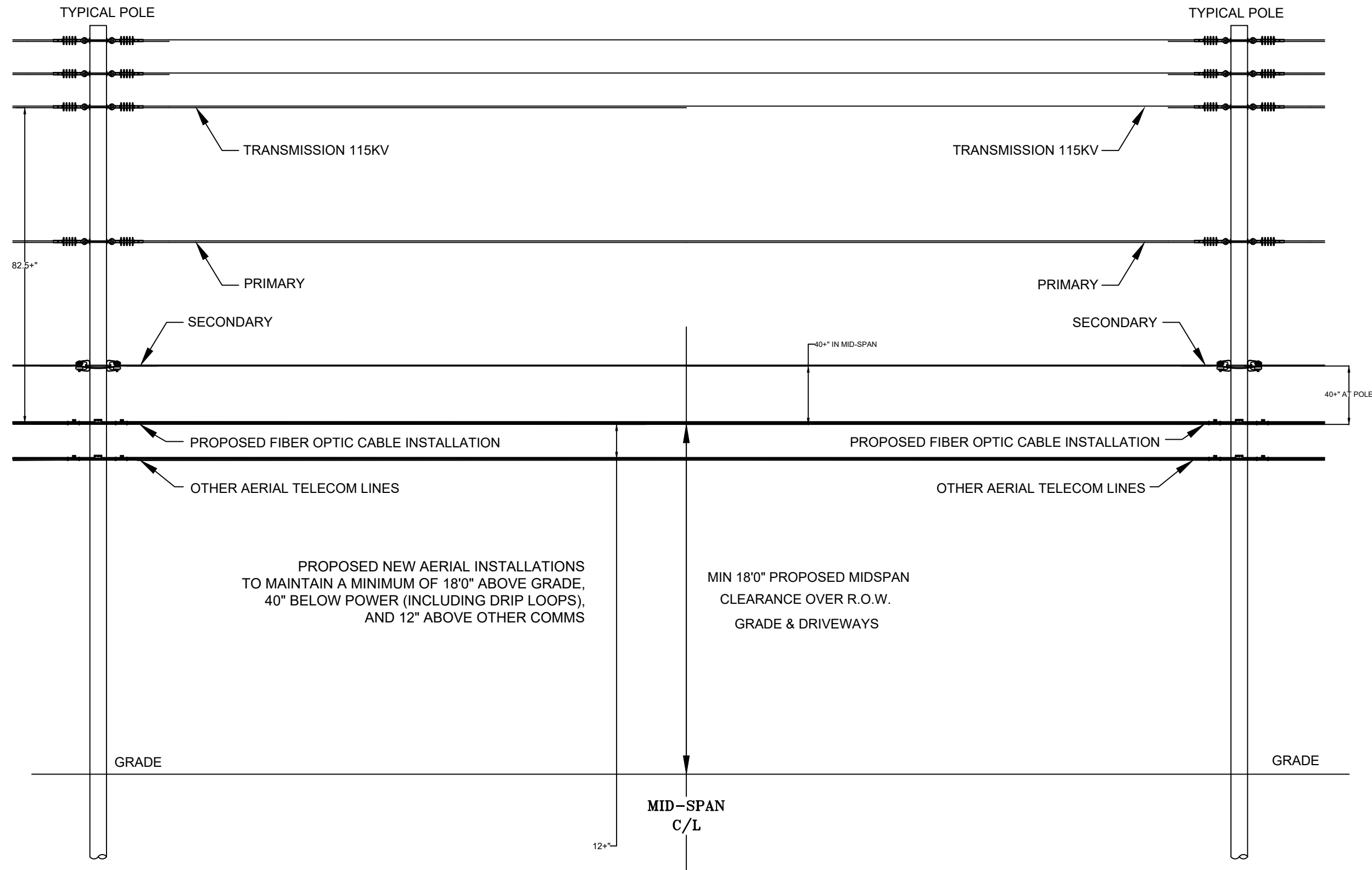
PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

GENERAL NOTES:

1. All existing utility locations shown are approximate and may not be accurate. It is the contractor's responsibility to locate (horizontally and vertically) within the area of construction) and repair any utilities damaged during this construction described herein.
2. Call underground service at least 48 hours prior to construction.
3. Contractor is responsible for "potholing", locating and probing all utilities in the work area prior to construction to prevent damage.
4. All underground facility road crossings must be at least 60" minimum depth below grade.
5. Underground construction methods will be a combination of trenching and directional drilling.

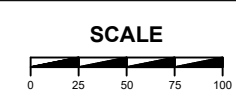


TYPICAL AERIAL CLEARANCES



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--	T9	--
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CALL BEFORE YOU DIG! 1-800-344-8377
ALL PEDS AND VAULTS SHOWN ARE NEW



DATE: 5/12/2025
SCALE: N/A
CITY: MISSION, TX

DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T9 OF T13

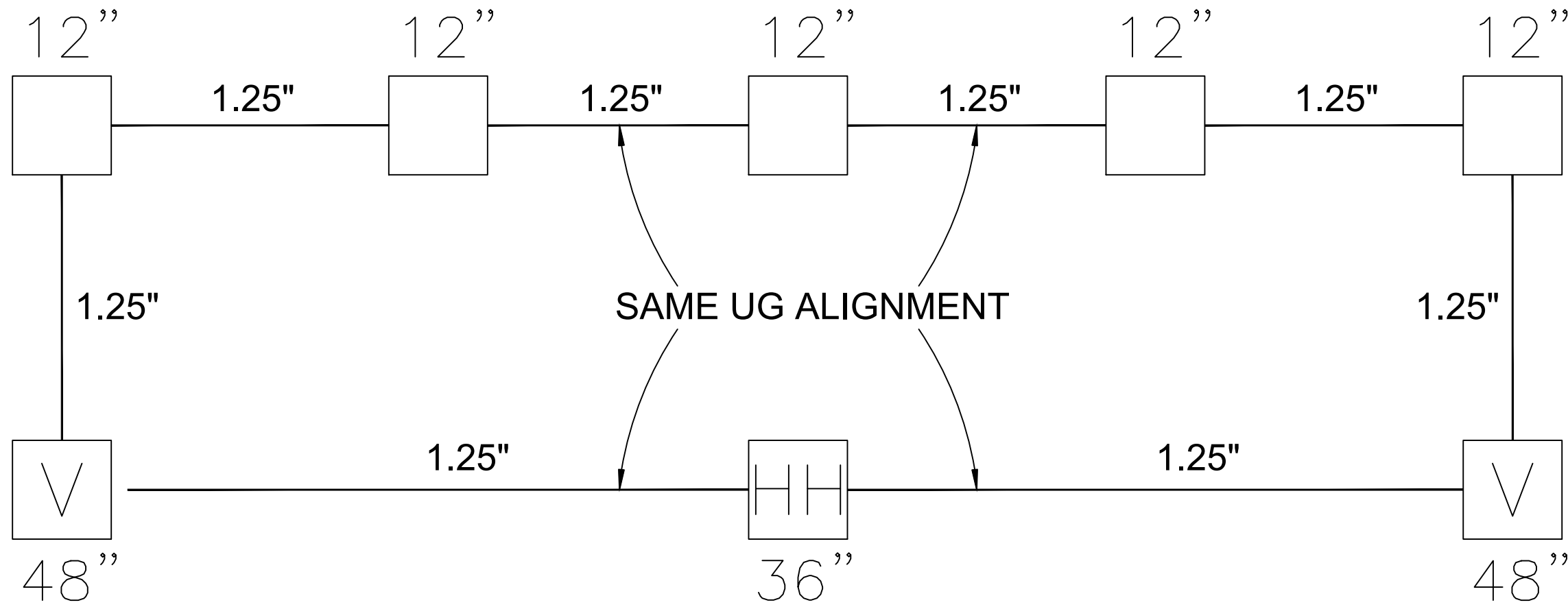
PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

GENERAL NOTES:

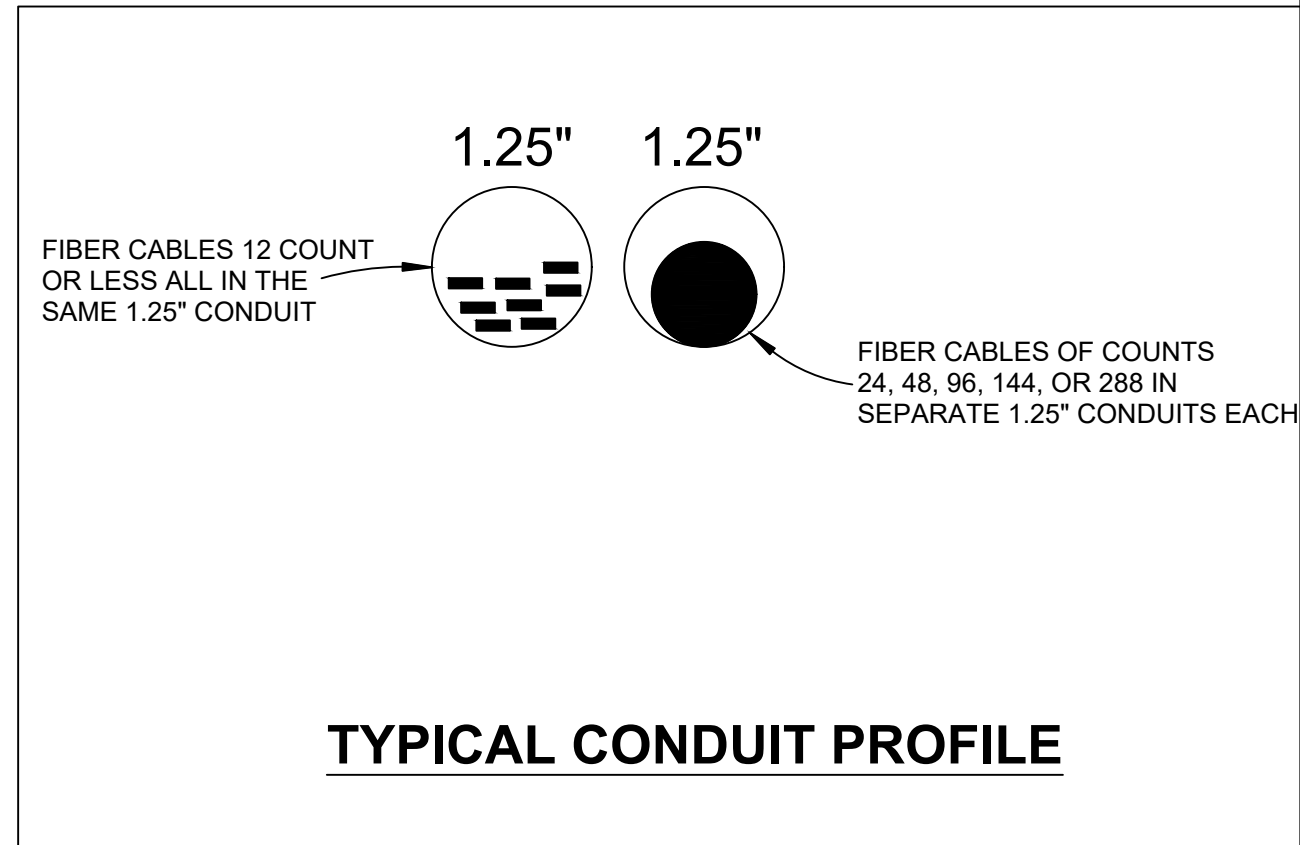
1. All existing utility locations shown are approximate and may not be accurate. It is the contractor's responsibility to locate (horizontally and vertically) within the area of construction) and repair any utilities damaged during this construction described herein.
2. Call underground service at least 48 hours prior to construction.
3. Contractor is responsible for "potholing", locating and probing all utilities in the work area prior to construction to prevent damage.
4. All underground facility road crossings must be at least 60" minimum depth below grade.
5. Underground construction methods will be a combination of trenching and directional drilling.



GENERAL NOTES

1. ALL FIBER OPTIC CABLES LESS THAN 12 COUNT IN SIZE, SHALL ALL BE PLACED INSIDE THE SAME 1.25" HDPE CONDUIT ALONG AN UNDERGROUND ALIGNMENT.
2. EACH FIBER OPTIC CABLE GREATER THAN A 12 COUNT, BUT SMALLER THAN A 432 COUNT SHALL BE PLACED IN A SEPARATE 1.25" HDPE CONDUIT ALONG AN UNDERGROUND ALIGNMENT. INSTALL AS MANY 1.25" HDPE CONDUITS AS NEEDED TO ACCOMMODATE EACH FIBER OPTIC CABLE GREATER THAN 12 COUNT.
3. EACH FIBER OPTIC CABLE GREATER THAN A 288 COUNT SHALL BE PLACED IN A SEPARATE 2" HDPE CONDUIT ALONG AN UNDERGROUND ALIGNMENT. INSTALL AS MANY 2" HDPE CONDUITS AS NEEDED TO ACCOMMODATE EACH FIBER OPTIC CABLE GREATER THAN 288 COUNT.
4. EACH 1.25" CONDUIT DESIGNATED FOR MST'S, SHALL SWEEP INTO EACH 12 OR 14" PEDESTAL ALONG THE UNDERGROUND ALIGNMENT.
5. EACH 1.25" CONDUIT DESIGNATED FOR 24-432CT FIBER SHALL ONLY BE SWEEP INTO MANHOLES, HANDHOLES AND VAULTS ALONG THE ROUTE.
6. EACH 2" CONDUIT SHALL ONLY SWEEP INTO MANHOLES, HANDHOLES AND VAULTS, AND SHALL NOT SWEEP INTO ANY PEDESTAL.
7. 36" HANDHOLES WILL TYPICALLY BE USED FOR FIBER STORAGE ONLY, AND NOT SPLICING
8. 48" HANDHOLES WILL TYPICALLY BE FIBER OPTIC SPLICE LOCATIONS
9. 60" MANHOLES WILL TYPICALLY ONLY BE PLACED NEXT TO CABINETS

TYPICAL CONDUIT LAYOUT



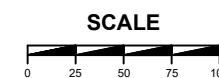
TYPICAL CONDUIT PROFILE



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--	T10	--
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CALL BEFORE YOU DIG! 1-800-344-8377

ALL PEDS AND VAULTS SHOWN ARE NEW



DATE: 5/12/2025

SCALE: N/A

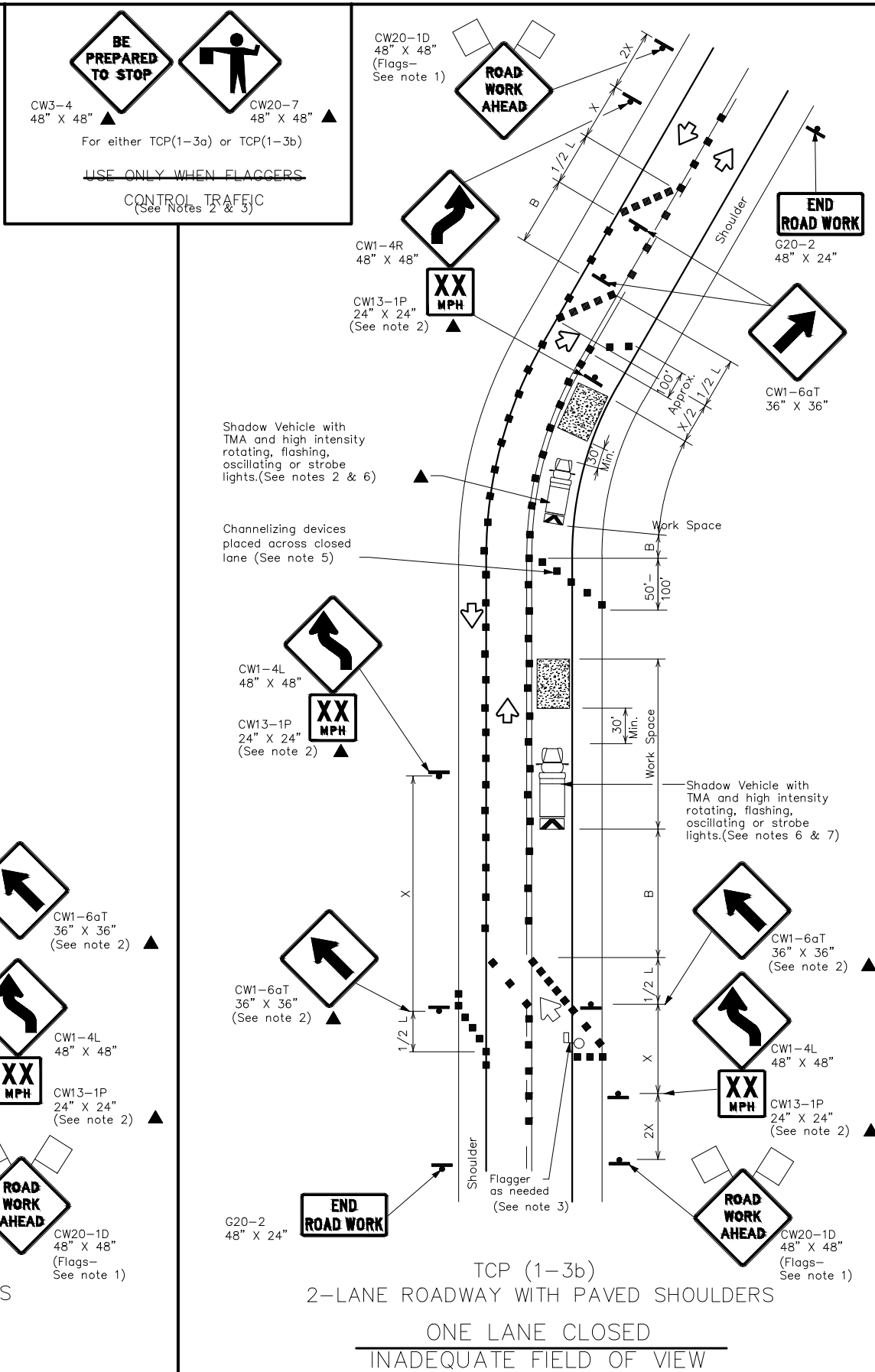
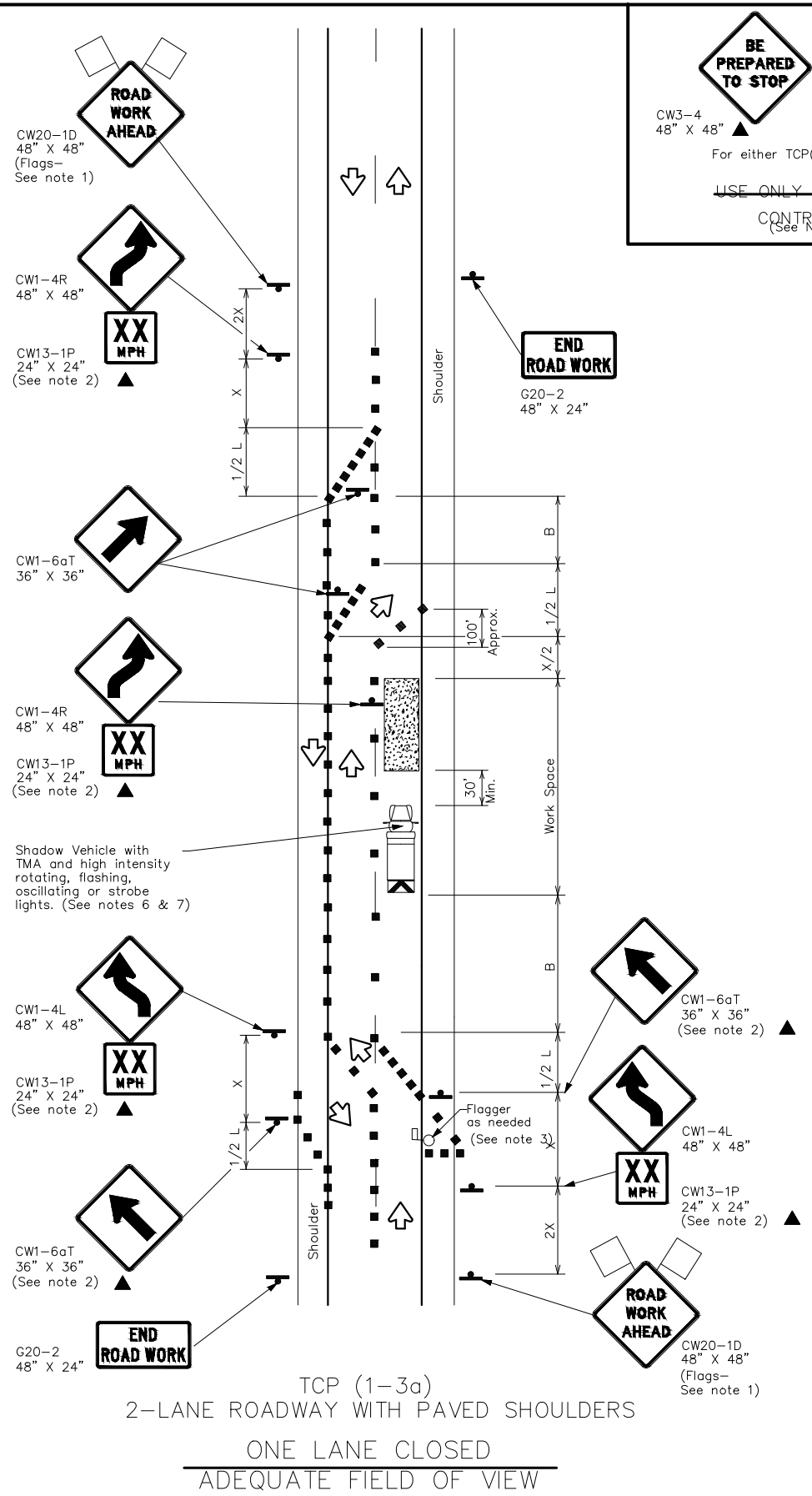
CITY: MISSION, TX

DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T10 OF T13

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by CITY OF LAREDO for any purpose whatsoever. CITY OF LAREDO assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE: FILE:



LEGEND

	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	L = WS / 60	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40	L = WS	265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50	L = WS	500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60	L = WS	600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70	L = WS	700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE

MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

- GENERAL NOTES
- Flags attached to signs where shown are REQUIRED.
 - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
 - Flagger control should NOT be used unless roadway conditions or heavy traffic volume require additional emphasis to safely control traffic. Additional flaggers may be positioned in advance of traffic queues to alert traffic to reduce speed.
 - DO NOT PASS, PASS WITH CARE and construction regulatory speed zone signs may be installed downstream of the ROAD WORK AHEAD signs.
 - When the work zone is made up of several work spaces, channelizing devices should be placed laterally across the closed lane to re-emphasize closure. Laterally placed channelizing devices should be repeated every 500 to 1000 feet in urban areas and every 1/4 to 1/2 mile in rural areas.
 - A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
 - Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
 - Where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20', or 15' if posted speed are 35 mph or slower, and for tangent sections, at 1/2S where S is the speed in mph. This tighter device spacing is intended for the area of conflicting markings not the entire work zone.

Texas Department of Transportation
Traffic Operations Division Standard

TRAFFIC CONTROL PLAN
TRAFFIC SHIFTS ON
TWO LANE ROADS
TCP(1-3)-18

FILE: tcp1-3-18.dgn
©CITY OF LAREDO December 1985
REVISIONS: 2-94 4-98, 8-95 2-12, 1-97 2-18

DN: CONT SECT JOB HIGHWAY
OK: DW: CK:

DIST COUNTY SHEET NO.

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

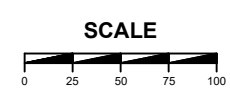
PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

- GENERAL NOTES:**
- All existing utility locations shown are approximate and may not be accurate. It is the contractor's responsibility to locate (horizontally and vertically) within the area of construction and repair any utilities damaged during this construction described herein.
 - Call underground service at least 48 hours prior to construction.
 - Contractor is responsible for "potholing", locating and probing all utilities in the work area prior to construction to prevent damage.
 - All underground facility road crossings must be at least 60" minimum depth below grade.
 - Underground construction methods will be a combination of trenching and directional drilling.



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--	T11	--
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CALL BEFORE YOU DIG! 1-800-344-8377
ALL PDS AND VAULTS SHOWN ARE NEW



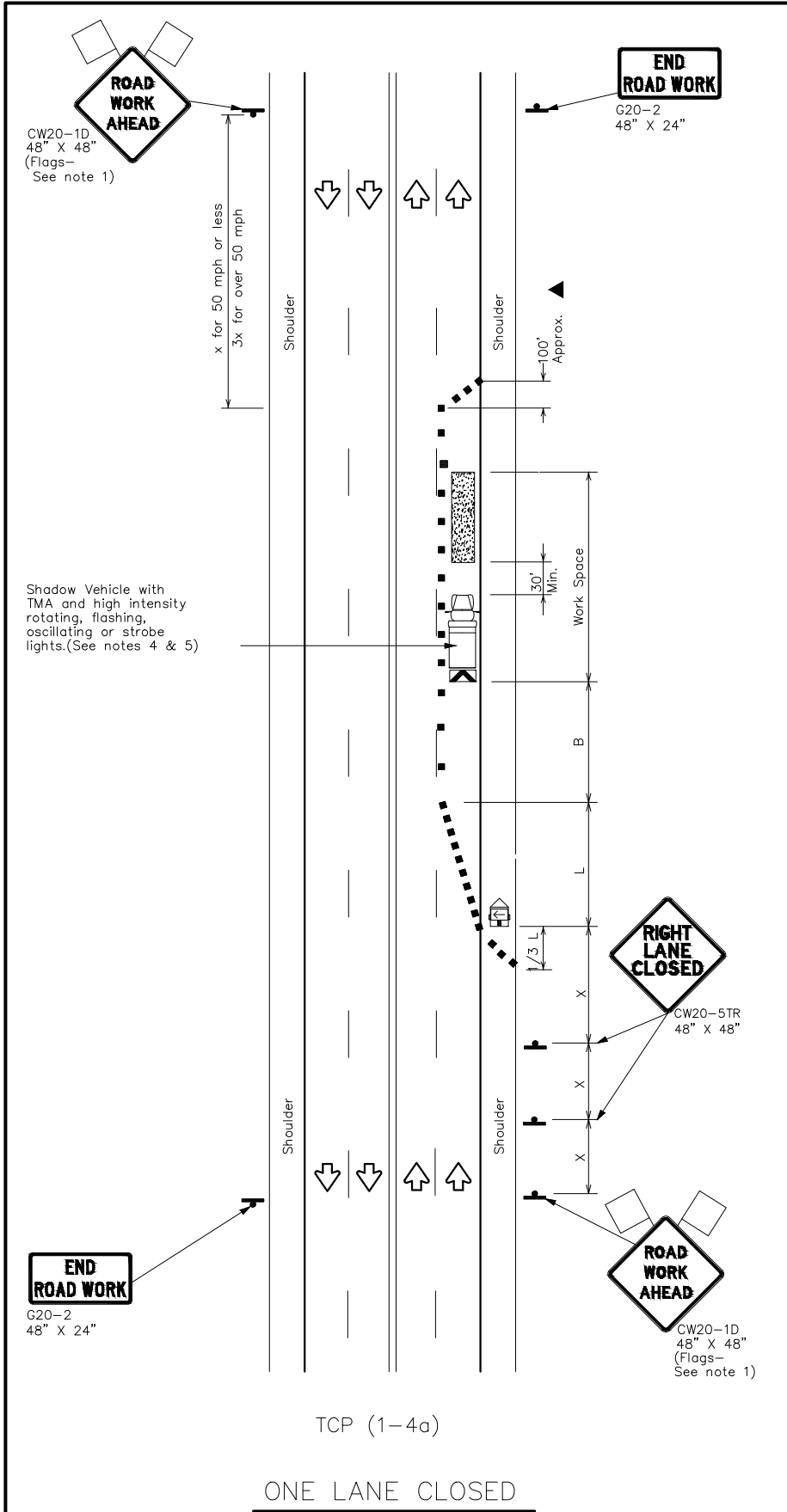
DATE: 5/12/2025
SCALE: N/A
CITY: MISSION, TX

DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

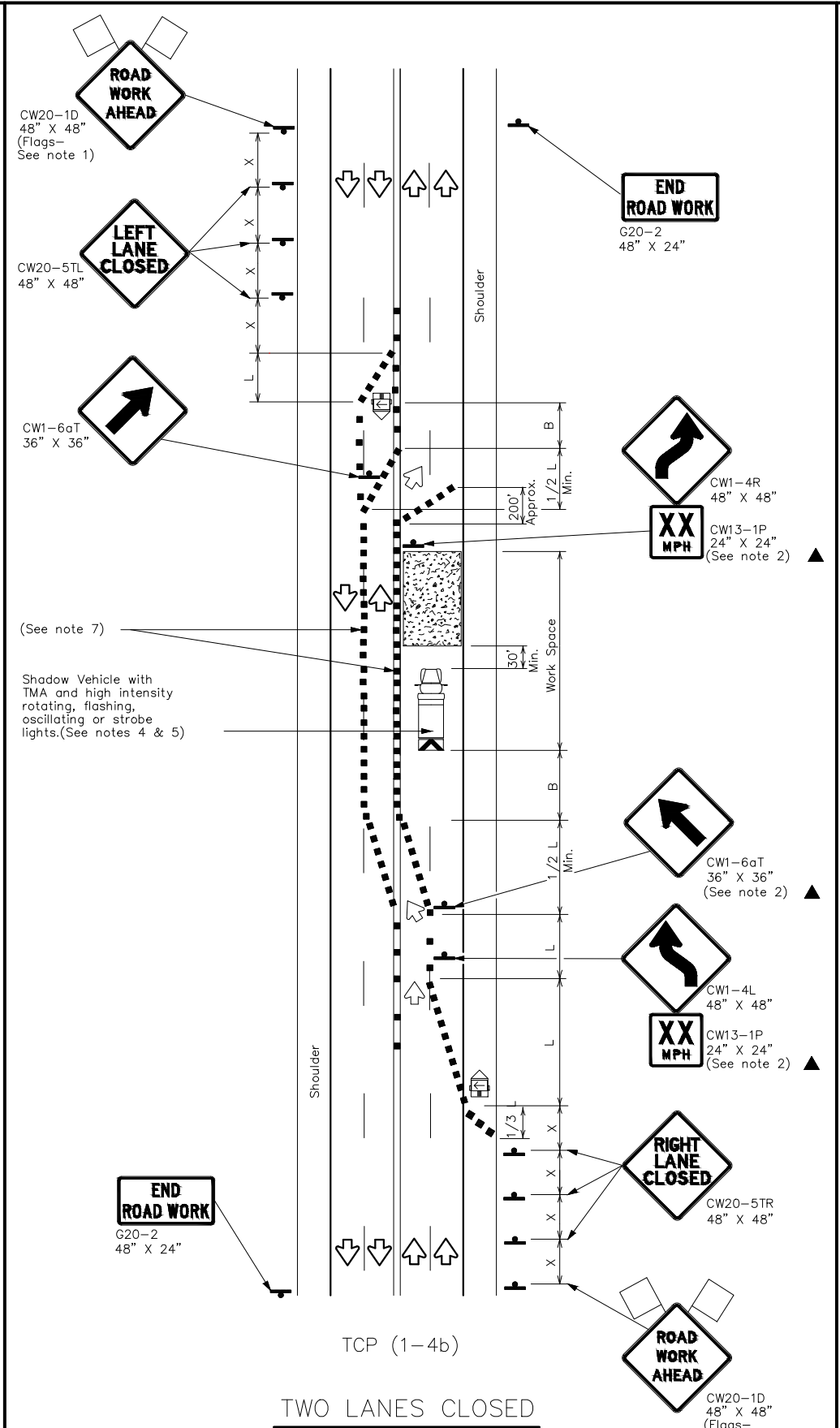
PROJECT DESCRIPTION
SHEET T11 OF T13

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by CITY OF LAREDO for any purpose whatsoever. CITY OF LAREDO assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE:
FILE:



TCP (1-4a)
ONE LANE CLOSED



TCP (1-4b)
TWO LANES CLOSED

LEGEND

	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	WS ² 60	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40	L=WS	265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50	L=WS	500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60	L=WS	600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70	L=WS	700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE

MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

- GENERAL NOTES
- Flags attached to signs where shown are REQUIRED.
 - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
 - The CW20-1D "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone is less than 1500 feet.
 - A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
 - Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- TCP (1-4a)
- If this TCP is used for a left lane closure, CW20-5TL "LEFT LANE CLOSED" signs shall be used and channelizing devices shall be placed on the centerline where needed to protect the work space from opposing traffic with the arrow panel placed in the closed lane near the end of the merging taper.
- TCP (1-4b)
- Where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20' or 15' if posted speeds are 35 mph or slower, and for tangent sections, at 1/2S where S is the speed in mph. This tighter device spacing is intended for the areas of conflicting markings, not the entire work zone.

Texas Department of Transportation
Traffic Operations Division Standard

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP(1-4)-18

FILE: tcp1-4-18.dgn	DN:	CK:	DW:	CK:
©CITY OF LAREDO member 1985	CONT	SECT	JOB	HIGHWAY
2-94 4-98 8-95 2-12 1-97 2-18	DIST	COUNTY	SHEET NO.	

154

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION FTTH PERMITTING

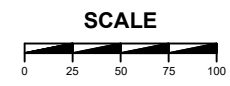
PROJECT LOCATION:
MISSION, TX (HIDALGO COUNTY)

- GENERAL NOTES:
- All existing utility locations shown are approximate and may not be accurate. It is the contractor's responsibility to locate (horizontally and vertically) within the area of construction) and repair any utilities damaged during this construction described herein.
 - Call underground service at least 48 hours prior to construction.
 - Contractor is responsible for "potholing", locating and probing all utilities in the work area prior to construction to prevent damage.
 - All underground facility road crossings must be at least 60" minimum depth below grade.
 - Underground construction methods will be a combination of trenching and directional drilling.



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--	T12	--
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CALL BEFORE YOU DIG! 1-800-344-8377
ALL PEDS AND VAULTS SHOWN ARE NEW



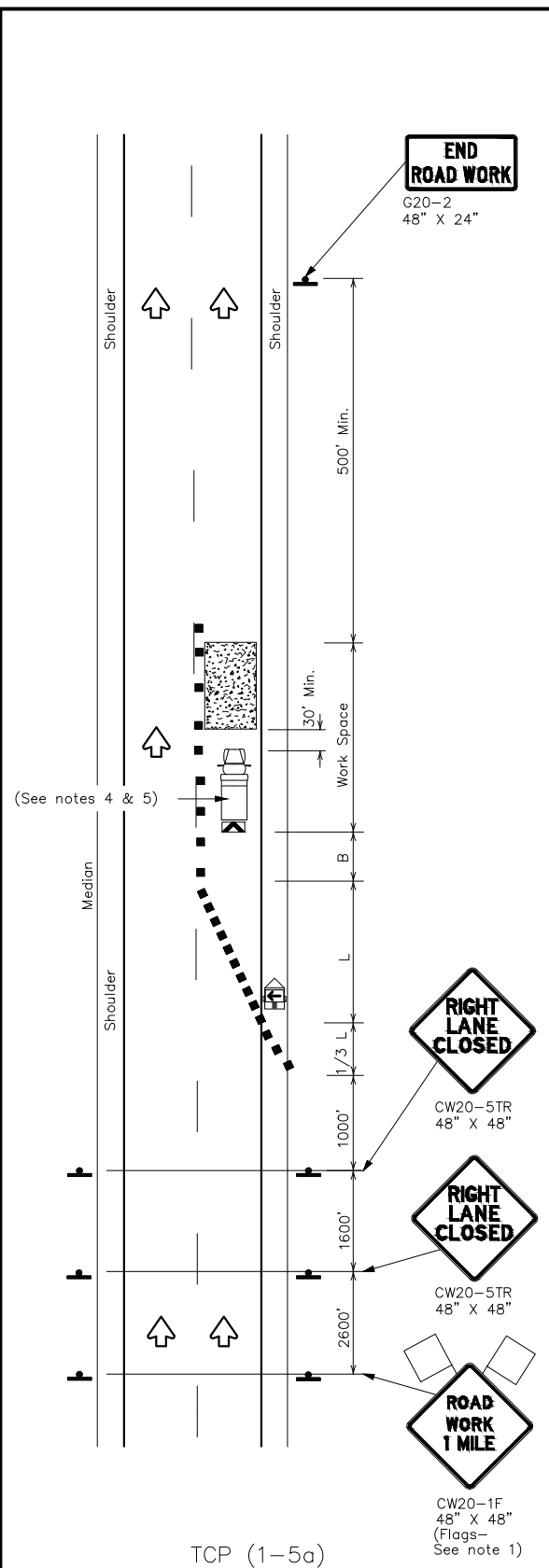
DATE: 5/12/2025
SCALE: N/A
CITY: MISSION, TX

DRAFTED BY: WILLIAMS
COUNTY/PARISH: HIDALGO

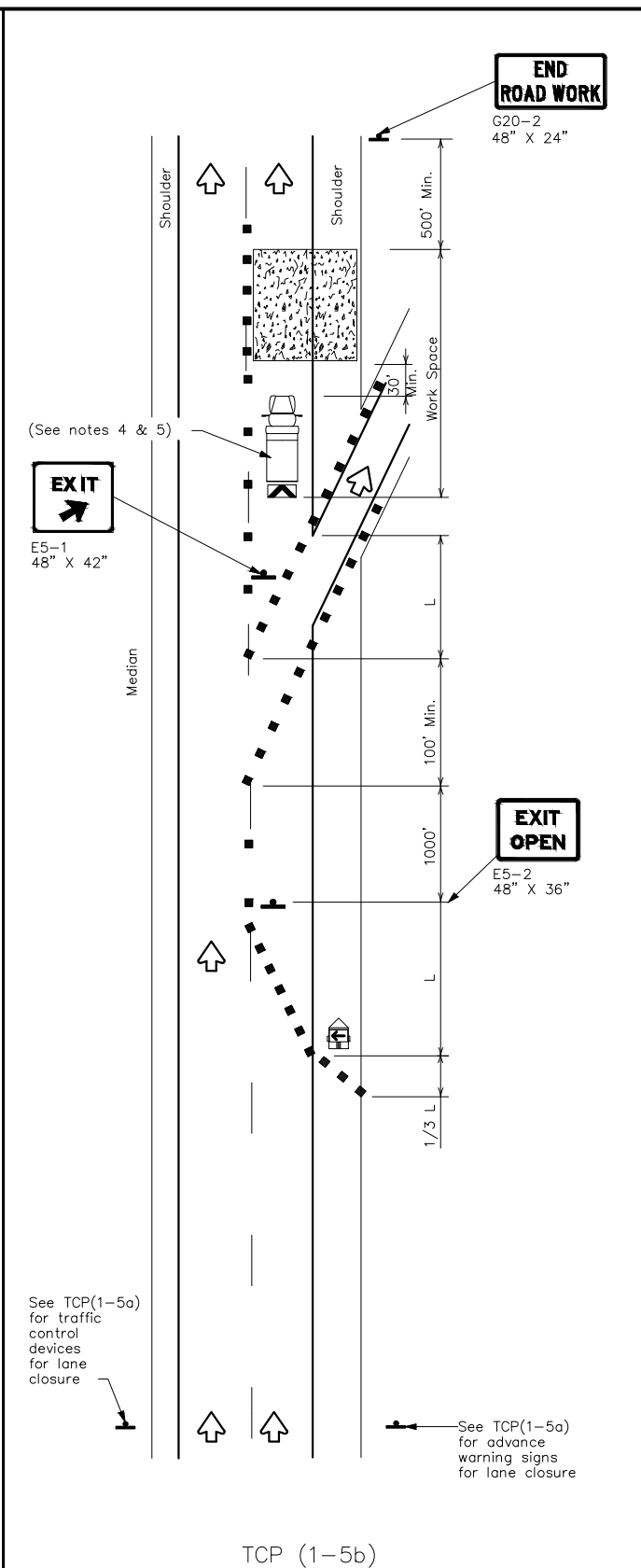
PROJECT DESCRIPTION
SHEET T12 OF T13

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by CITY OF LAREDO for any purpose whatsoever. CITY OF LAREDO assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

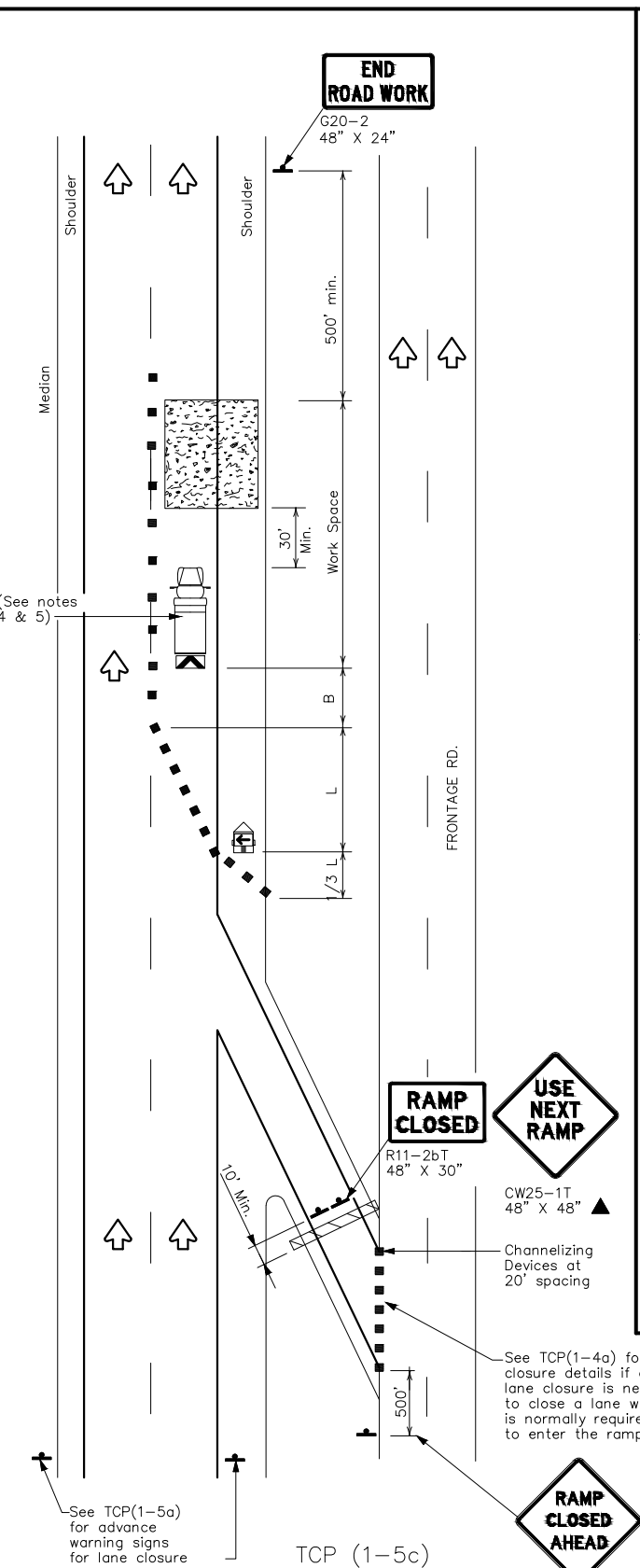
DATE:
FILE:



ONE LANE CLOSURE



LANE CLOSURE NEAR EXIT RAMP



LANE CLOSURE NEAR ENTRANCE RAMP

LEGEND

	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "x" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65	650'	715'	780'	65'	130'	700'	410'	
70	700'	770'	840'	70'	140'	800'	475'	
75	750'	825'	900'	75'	150'	900'	540'	

* Conventional Roads Only
 ** Taper lengths have been rounded off.
 L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE

MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
		✓		

- GENERAL NOTES
- Flags attached to signs where shown, are REQUIRED.
 - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
 - Channelizing devices used to close lanes may be supplemented with the Chevron Alignment Sign placed on every other channelizing device. Chevrons may be attached to plastic drums as per BC Standards.
 - Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
 - Additional Shadow Vehicles with TMAs may be positioned in each closed lane, on the shoulder or off the paved surface, next to those shown in order to protect a wider work space.

Texas Department of Transportation
 Traffic Operations Division Standard

TRAFFIC CONTROL PLAN
 LANE CLOSURES FOR
 DIVIDED HIGHWAYS

TCP(1-5)-18

FILE: tcp1-5-18.dgn	DN:	OK:	DW:	CK:
©CITY OF LAREDO January 2012	CONT	SECT	JOB	HIGHWAY
2-18	REVISIONS	DIST	COUNTY	SHEET NO.

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
CITY OF MISSION
FTTH PERMITTING

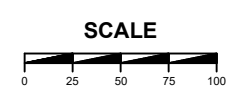
PROJECT LOCATION:
MISSION, TX
(HIDALGO COUNTY)

- GENERAL NOTES:**
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 - Contractor is responsible for "potholing", locating and probing all utilities in the work area prior to construction to prevent damage.
 - All underground facility road crossings must be at least 60" minimum depth below grade.
 - Underground construction methods will be a combination of trenching and directional drilling.



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--	T13	--
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CALL BEFORE YOU DIG! 1-800-344-8377
 ALL PEDS AND VAULTS SHOWN ARE NEW



DATE: 5/12/2025
 SCALE: N/A
 CITY: MISSION, TX

DRAFTED BY: WILLIAMS
 COUNTY/PARISH: HIDALGO

PROJECT DESCRIPTION
SHEET T13 OF T13