



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office

902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation

1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

THE STATE OF TEXAS

COUNTY OF HIDALGO

PRECINCT 3

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

Date: August 27, 2020

Agua Special Utility District (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:

Agua Special Utility District

3120 North Abram Road, Palmview, Texas 78572. (956) 585-2459

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

Same as Applicant

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

Same as Applicant

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

Agua Special Utility District



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office
902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation
1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation
2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

5. Is this a common carrier pipeline or utility? If yes, please submit the Applicant's Texas Railroad Commission Form "T-4" or similar form designating the facility:

No

6. Does Applicant have the Power of Eminent Domain?

No

7. Will the product be carried for hire or by the owner of the goods?

No

8. Name and Legal description of property owner requesting utility services if applicable:

N/A

9. Type of utility work within county road right-of-way:

Bore Crossing Line Extension Along R.O.W. Other _____

10. Where is the origin of the line?

Along North side of Mile 7 Road (FM 2221), Existing 8" Waterline

11. Where is the destination of the line?

Connect to existing 8" Waterline at Mile 7 Road /Texan and place 700 LF of 8" Waterline along East side of Texan Road.



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office
902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation
1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation
2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

12. Utility Crossing Coordinate X: _____ Y: _____
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines:
One - 8" C900 Waterline (700 LF)

14. Pressure (each line):
+/-50 PSI

15. Content (each line):
Water

16. Estimated date of installation of Pipeline or Utility:
Upon approval by County Commissioners Court



Hidalgo County Planning Department

T.J. Arredondo, CFM
Director of Planning

Main Office

1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office

902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation

1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

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 be 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 the 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 the Hidalgo County.



Hidalgo County Planning Department

T.J. Arredondo, CFM
Director of Planning

Main Office

1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office

902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation

1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

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 the Hidalgo County, and in the name of Hidalgo County, any claim or litigation brought against the 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 the 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.



Hidalgo County Planning Department

T.J. Arredondo, CFM
Director of Planning

Main Office

1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office

902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation

1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

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 the 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.



Hidalgo County Planning Department

T.J. Arredondo, CFM
Director of Planning

Main Office

1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office

902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation

1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

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.



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office
902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation
1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation
2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
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 27 day of August, 2020.

Emigdio Salinas, P.E.

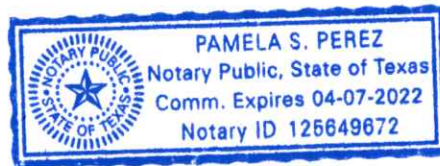
(Name of Applicant – Printed or Typed)

By: 
Signature

Title: President

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Emigdio Salinas, P.E. on this 27 day of August, 2020
to which witness my hand and seal of office.




Notary Public for the State of Texas

My Commission Expires: 4-7-22



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office
902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation
1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation
2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

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



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office

902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation

1902 Joe Stephens Ave.
Weslaco, Texas 78596
Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

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)

7/13/2020

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 IAM Insurance Agency L.L.C. P.O. Box 657 Edinburg, TE 78540-0657 | CONTACT NAME: Smiley Martinez |
| | PHONE (A/C, No, Ext): (956) 207-2789 FAX (A/C, No): () - E-MAIL ADDRESS: iamins@sbcglobal.net |
| INSURED Agua Special Utility District P.O. Box 4379 Mission, TX 78573 | INSURER(S) AFFORDING COVERAGE |
| | INSURER A: Texas Mutual Insurance Company |
| | INSURER B: Netguard Lloyd's of London |
| | INSURER C: Philadelphia Ins. Company |
| | INSURER D: |
| | INSURER E: |
| | INSURER F: |

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

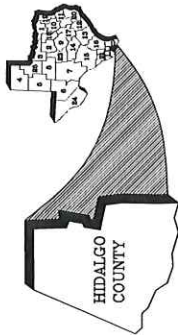
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE 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 W/D | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|--|--|-------------------------------------|---------------|-------------------------|-------------------------|---|
| C | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | PHPK2078842 | 01/01/2020 | 01/01/2021 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 \$ |
| C | AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | PHPK2078842 | 01/01/2020 | 01/01/2021 | COMBINED SINGLE LIMIT (Ea accident) \$ 500,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ |
| C | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | PHUB706094 | 01/01/2020 | 01/01/2021 | 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 | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | N/A | 0002014134 | 01/01/2020 | 01/01/2021 | PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| C | Phys Damage-Covered Symbols | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | PHPK2078842 | 01/01/2020 | 01/01/2021 | ACV 1,000,102 |
| C | 02,08 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | PHPK2078842 | 01/01/2020 | 01/01/2021 | Retention Aggregate \$ 0,000/30,000 |
| B | Cyber Liability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | WN174696-1 | 01/01/2020 | 01/01/2021 | Security & Privacy Liability \$ 0,000 |

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

CERTIFICATE HOLDER

| | |
|--|--|
| Hidalgo County 2818 S. Hwy 281 Edinburg, Texas 78539 | 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 Ismael A. Martinez |
|--|--|



**AGUA SPECIAL UTILITY DISTRICT
TEXANS ROAD
WATERLINE IMPROVEMENTS
HIDALGO COUNTY, TEXAS**

AGUA SPECIAL UTILITY DISTRICT BOARD

| | |
|----------------------|-----------------------------|
| President..... | Lloyd Loya |
| Vice President..... | Cesar Rodriguez Jr. |
| Board Secretary..... | Adolfo Arriaga |
| Treasurer..... | Ivan Sandoval |
| Board Director..... | Franco Lopez |
| Board Director..... | Esequiel Ortiz Jr. |
| Board Director..... | Homero Tijerina |
| General Manager..... | Jose E. "Eddie" Saenz, P.E. |

INDEX OF SHEETS

| | |
|---------|---------------------------------|
| 01..... | COVER PAGE |
| 02..... | GENERAL NOTES |
| 03..... | EXISTING CONDITIONS |
| 04..... | PROPOSED WATERLINE IMPROVEMENTS |
| 05..... | DETAIL SHEET |



LOCATION MAP
SCALE: 1"=4000'



| | |
|--|---|
| <p>M2 Engineering, PLLC</p> | Emigdio "Milo" Salinas, P.E. 1810 E. GRIFFIN PARKWAY MISSION, TEXAS 78572 956.600.8628 www.m2engineers.com FIRM REGISTRATION # F-19545 |
| <p>SHEET</p> | <p>1</p> |

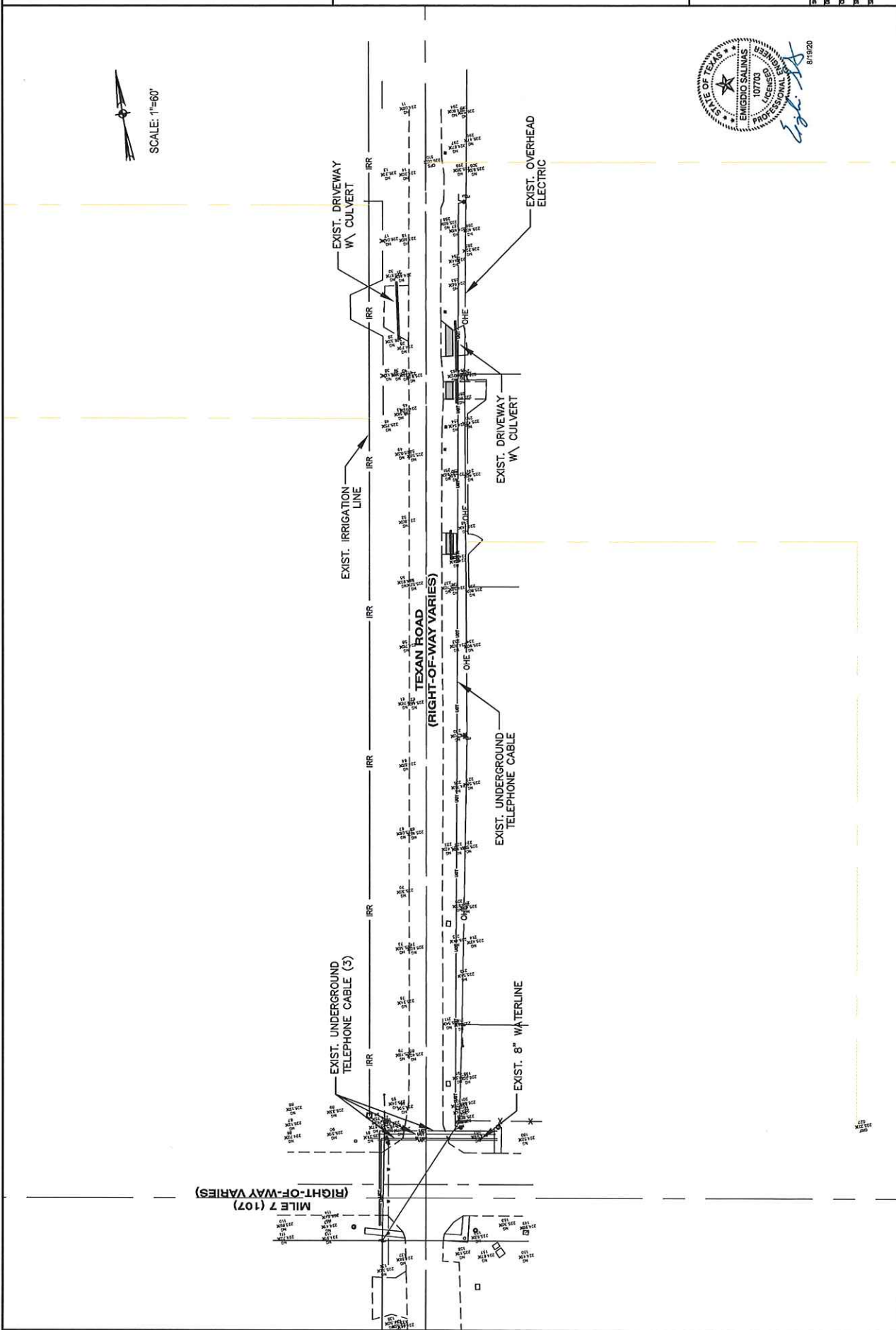


GENERAL NOTES CONT.

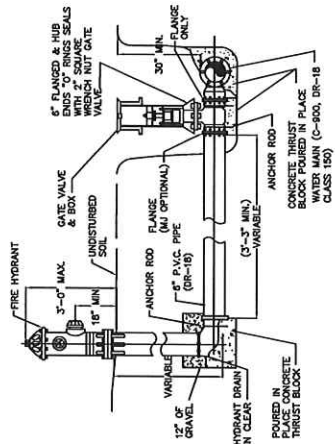
1. CONTRACTOR SHALL CONTACT M2 ENGINEERING, PLLC (MPE) AT 956-600-8628 72 HOURS PRIOR TO START OF ANY CONSTRUCTION WITHIN PROJECT SITE.
2. CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES WITHIN THE CONSTRUCTION AREA 72 HOURS PRIOR TO EXCAVATION NEAR THEIR UTILITIES.
3. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES (NO SEPARATE PAY). ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF LAFEVRE ENGINEERING MANAGEMENT CONSULTING, LLC. IN WRITING PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF CONSTRUCTION OPERATION WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
4. MAINTAIN A MINIMUM OF 6-INCHES CLEARANCE BETWEEN ALL UTILITIES, UNLESS OTHERWISE NOTED.
5. CONTRACTOR TO OBTAIN ALL CONSTRUCTION PERMITS NOT SUPPLIED BY OWNER AT HIS EXPENSE PRIOR TO COMMENCEMENT OF WORK. OWNER'S ENGINEER TO APPLY FOR AND PROVIDE TADOT PERMIT TO WORK IN R.O.W. AND ANY RELATED CROSSING PERMITS.
6. CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, AND ENGINEERS OF THE PROJECT AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL ASSURE HIMSELF THAT ALL CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN ONLY BE ISSUED TO CONTRACTOR WILL BE OBTAINED AT HIS EXPENSE.
7. FLOWLINE ELEVATIONS AT INTAKE STRUCTURES ARE AVAILABLE DATA AND SURVEY TOPOGRAPHY PERFORMED BY FRED FUENTES. ALL FLOWLINE SHALL BE FIELD VERIFIED BY THE CONTRACTOR (NO SEPARATE PAY)
8. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE AT ALL EXCAVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ADJACENT TO UTILITY TRENCH EXCAVATION TO BE CLEARED AND GRUBBED PRIOR TO PLACEMENT OF EXCESS TRENCH MATERIAL (NO ADDITIONAL PAYMENT - INCLUDE IN COST OF UNDERGROUND UTILITIES CONSTRUCTION.)
9. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING OPERATING ELEVATION OF RAW WATER AT THE RESERVOIR DURING CONSTRUCTION.
10. FILL TO BE PLACED IN MAXIMUM 6-INCH LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY PER ASTM D-698, UNLESS OTHERWISE NOTED.
11. CONTRACTOR IS RESPONSIBLE FOR CLEANING MUD AND/OR DIRT TRACKED ONTO EXISTING STREETS BY HIS WORKMANS, SUPPLIERS, OR SUBCONTRACTOR'S VEHICLES. STREETS MUST BE CLEANED WITHIN 2 HOURS OF WHEN THE TRACKING OCCURS. NO SEPARATE PAY.
12. FAILED TEST AND RETESTING OF ANY TESTING FAILURES WILL BE THE CONTRACTOR'S RESPONSIBILITY. NO SEPARATE PAY
13. WHERE CONTRACTOR'S WORK AND/OR EQUIPMENT CAUSES AN OBSTRUCTION TO TRAFFIC, CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) AND THE TEXAS TOLL ROAD AUTHORITY (TTRA). TRAFFIC CONTROL PLAN SHALL BE SUBMITTED PRIOR TO CONSTRUCTION FOR REVIEW BY THE ENGINEER & OTHER APPROPRIATE PERSONS.
14. LOCATION OF EXISTING UNDERGROUND UTILITIES AND SERVICE LINES (WATER, SEWER, GAS, TELEPHONE, ELECTRICAL, ETC.) ARE DETERMINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. CONTRACTOR TO LOCATE LINES AND/OR OBSTRUCTIONS AHEAD OF EXCAVATION.
15. ANY SOIL BORINGS THE CONTRACTOR REQUIRES ARE TO BE DONE BY THE CONTRACTOR AT HIS EXPENSE.
16. OVERHEAD LINES MAY EXIST ON THE ALIGNMENTS. CLEARLY VISIBLE LINES ARE NOT MARKED, AND CONTRACTOR TO NOTE THEIR LOCATION PRIOR TO CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR OBJECTS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. CONTRACTORS ARE LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY.
17. CONTRACTOR TO MAKE ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANY FOR SECURING POLES, IF NECESSARY, WHILE CONSTRUCTION PASSES BY POLES. COSTS OF SECURING POLES WILL BE PAID FOR BY THE CONTRACTOR, NO SEPARATE PAY.
18. CONSTRUCTION STAKING (ALIGNMENT AND GRADE) TO BE PROVIDED BY THE CONTRACTOR AT NO SEPARATE PAY.
19. SURPLUS EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF SITE AS DIRECTED BY THE ENGINEER. IF THE ENGINEER NOTIFIES THE CONTRACTOR THAT THE OWNER DOES NOT WANT THE MATERIAL, THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF THE MATERIAL.
20. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL REQUIREMENTS.

GENERAL NOTES CONT.

21. CONTRACTOR SHALL PROTECT EXISTING UNDERGROUND FACILITIES DURING INSTALLATION OF PROPOSED WORK.
22. PAVED SURFACES SHALL BE PROTECTED FROM DAMAGE FROM TRACKED EQUIPMENT. ANY REPAIRS TO DAMAGED PAVED SURFACES WILL BE PAID BY THE CONTRACTOR. NO SEPARATE PAY.
23. IRON RODS DISTURBED DURING CONSTRUCTION TO BE REPLACED BY REGISTERED PUBLIC LAND SURVEYOR TO ORIGINAL PROPERTY CORNER AT NO SEPARATE PAY.
24. CONTINUOUS METALLIC MARKER TAPE SHALL BE USED FOR ALL NON-METALLIC PIPE.
25. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AN UPDATED REQUIRED "AS-BUILT" SET OF PLANS ON SITE FOR INSPECTION BY THE ENGINEER, THE ENGINEER'S REPRESENTATIVE, AND THE OWNER'S REPRESENTATIVE.
26. WORK PERFORMED UNDER THIS CONTRACT IS GOVERNED BY REQUIREMENTS OF SEVERAL PUBLIC, GOVERNMENTAL, AND PRIVATE ENTITIES. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF GOVERNING ENTITIES.
27. TOPOGRAPHIC INFORMATION COLLECTED BY FRED FUENTES
 ELEVATIONS BASED UPON STATIC GPS OBSERVATIONS; NAVD 88
 HORIZ.
 STATE PLANE COORDINATES (NAD83) ZONE SOUTH TEXAS - 4205
28. DEMOLITION, REMOVAL, & DISPOSAL OF ALL EXCESS CONCRETE, CURBS, REBAR, ETC. TO BE DONE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
29. ALL MANHOLES AND/OR OTHER STRUCTURES TO BE ADJUSTED BY THE CONTRACTOR TO MEET FINAL GRADES. A MAXIMUM OF 2 FEET OF THROAT RINGS WILL BE ALLOWED.
30. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONTOURS UNLESS DIFFERENT FINISHED ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO ASSURE NO AREAS OF PONDING ARE PRESENT.



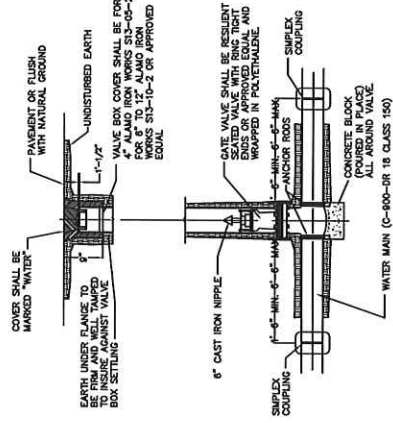
SCALE: 1"=60'



- NOTES:
- FIRE HYDRANT ELEVATIONS WILL BE SET BY THE ENGINEER.
 - FLANGE MUST BE AT FINISHED GRADE OR 3" TO 6" ABOVE 2. FLANGE
 - PLACED GATE VALVE INSTALLATION TO BE USED WITH 10" WATER LINES OR GREATER.
 - BE USED WITH SMALLER DIA. PIPES.
 - ACCEPTABLE HYDRANT BRANDS ARE MUELLER, AMERICAN DARLING AND HONEYWELL.

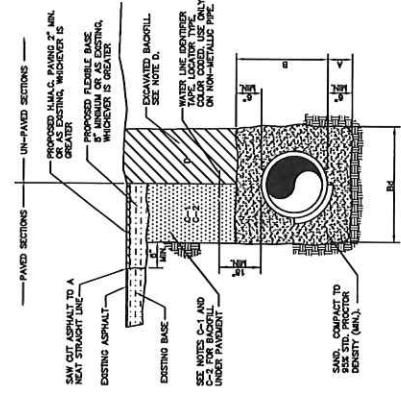
TYPICAL FIRE HYDRANT INSTALLATION

- NOTES:
- SAND BEDDING PLACED, HAND LEVELLED AND COMPACTED BEFORE PIPE IS LAID. UP TO BOTTOM OF PIPE (MIN. THICKNESS = 6").
 - SAND BACKFILL PLACED AND COMPACTED AFTER PIPE IS LAID. FROM BOTTOM OF PIPE TO 6" ABOVE THE TOP OF PIPE. MARK IN UNDER PIPE HAUNCHES AND COMPACT BY HAND TO SPRING LINE. USE VIBRATORY-TYPE COMPACTORS FOR LIFTS ABOVE THE SPRING LINE. MAXIMUM 6" LIFTS.
 - MINIMUM TRENCH WIDTH: PIPE O.D. + 18" (FOR 16" PIPE AND SMALLER) OR PIPE O.D. x 1.25 + 12" (FOR 16" PIPE AND LARGER)
 - (CITY STREETS, PARKING AREA, AND DRIVEWAYS) SELECT EXCAVATED BACKFILL MATERIAL MANUALLY COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 6" MAX. LIFTS.
 - (STATE MAINTAINED ROADWAYS) SAND/CORIENT STABILIZED BACKFILL WITH 7% PORTLAND CEMENT COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 - EXCAVATED EARTH BACKFILL MECHANICALLY COMPACTED IN 12" MAX. LIFTS. MINIMUM STANDARD PROCTOR DENSITY: BOX OUTSIDE RIGHT OF WAY; 85% INSIDE RIGHT OF WAY
 - EMBANKMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM D 2321. SIEVE AND PLASTICITY INDEX P_{200} CLASS II OR III WITH C_{u} PASSING A No. 20. SLOPE AND PLASTICITY INDEX P_{200} CLASS II OR III WITH C_{u} PASSING A No. 20.
 - WHERE THIS STANDARD CONFLICTS WITH THE RECOMMENDATION OF ANY GEOTECHNICAL REPORT, OBTAIN WRITTEN CLARIFICATION FROM THE UTILITY ENGINEER PRIOR TO CONSTRUCTION.
 - FOUNDATION PREPARATION USING CORBELS, GRAVEL, CEMENT STABILIZATION, OR OTHER METHODS SHALL BE UNSTABLE.
 - BACKFILLING AT STRUCTURES SHALL BE PLACED IN UNIFORM LAYERS, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 6" MAXIMUM LIFTS. STRUCTURE BACKFILL MATERIAL SHALL BE SAND.



- NOTES:
- CAST IRON BOX TO BE USED IN LIGHT TRAFFIC AREAS
 - CONCRETE BLOCK (POURED IN PLACE) TO BE USED IN HEAVY TRAFFIC AREAS

TYPICAL VALVE & VALVE BOX



WATER LINE AND SEWER FORCEMAIN BEDDING DETAIL
 SHEET 1 OF 2