



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

2818 S. Business 281
Edinburg, Texas 78539
Phone (956) 318-2840
Fax (956) 318-2844

Precinct No. 1 Substation

1900 Joe Stephens Ave. Ste. A
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 4

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

Date: 5/11/23

North Alamo Water Supply Corporation (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:

North Alamo Water Supply Corporation 956-383-1618
420 S Doolittle Rd Edinburg, Tx 78542 Christy Sanchez

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

SAME

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

SAME

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

JMJ cONSTRUCTORS
2005 N LOS EBANOS RD ALTON TX 78573 956-598-6665



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12. Utility Crossing Coordinate (SEE BELOW) _____
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines:
(1) - 8" SANITARY SEWER FORCE MAIN _____

14. Pressure (each line):
160 psi _____

15. Content (each line):
SANITARY SEWER _____
16. Estimated date of installation of Pipeline or Utility:
MAY 2023 _____

UTILITY CROSSING COORDINATES

A - 1.)	X:1123711.5770'	Y:16632258.3142'
B - 2.)	X:1123593.0627'	Y:16631427.7174'
C - 3.)	X:1123637.8982'	Y:16631077.5886'
D - 4.)	X:1123569.0478'	Y:16630649.7248'
E - 5.)	X:1123566.6881'	Y:16630429.7766'
F - 6.)	X:1123436.2338'	Y:16629464.4182'
G - 7.)	X:1123406.4238'	Y:16629423.3267'
H - 8.)	X:1123097.9925'	Y:16627675.1938'
I - 9.)	X:1119664.8559'	Y:16628013.5978'
J - 10.)	X:1117245.4973'	Y:16628408.0157'
K - 11.)	X:1117111.9459'	Y:16627521.9071'
L - 12.)	X:1116845.7638'	Y:16625957.0954'
M - 13.)	X:1116766.6533'	Y:16625432.1996'
N - 14.)	X:1116750.7681'	Y:16624961.4131'
O - 15.)	X:1116767.8653'	Y:16624903.4497'
P - 16.)	X:1116623.6273'	Y:16623946.4357'
Q - 17.)	X:1116542.1139'	Y:16623204.3000'
R - 18.)	X:1116477.8133'	Y:16622777.6678'
S - 19.)	X:1116374.4169'	Y:16622292.9332'



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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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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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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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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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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 11TH day of May, 2023.

Christian Sanchez

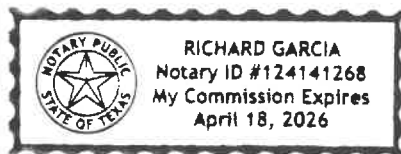
(Name of Applicant – Printed or Typed)

By: *Christy Sanchez*
Signature

Title: New Accounts Supervisor

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Christy Sanchez, on this 11TH day of May, 2023,
to which witness my hand and seal of office.



Richard Garcia
Notary Public for the State of Texas

My Commission Expires: 4-18-26



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**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



PIPELINE AND UTILITY PERMIT APPLICATION PACKET

EXHIBIT A

Hidalgo County Planning Department

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

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/24/2023

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 IBTX Risk Services 32335 US Hwy 281 N., Suite #102 Bulverde TX 78163	CONTACT NAME: Alba Enamorado PHONE (A/C. No. Ext): 214-989-7100 E-MAIL ADDRESS: service@ib-tx.com		FAX (A/C. No): 210-696-8414													
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Champlain Specialty Insurance Company</td> <td>16834</td> </tr> <tr> <td>INSURER B : Texas Mutual Insurance Company</td> <td>22945</td> </tr> <tr> <td>INSURER C : Colonial County Mutual Insurance Company</td> <td>29262</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>			INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Champlain Specialty Insurance Company	16834	INSURER B : Texas Mutual Insurance Company	22945	INSURER C : Colonial County Mutual Insurance Company	29262	INSURER D :		INSURER E :		INSURER F :
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INSURER E :																
INSURER F :																
INSURED JMJ Diaz, Corp. dba JMJ Constructors 2005 N Los Ebanos Blvd Alton TX 78573	JMJCONS-01															

COVERAGES

CERTIFICATE NUMBER: 502421383

REVISION NUMBER:


THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<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 checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			CSARCGL000012002	2/23/2023	2/23/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
C	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			ACP BA013058653076	2/23/2023	2/23/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CSARCEL000012102	2/23/2023	2/23/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
B	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	0001273544	2/23/2023	2/23/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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

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

The General Liability and Auto policies include blanket additional insured endorsements (CG2010 10/01, CG2037 10/01, CA0001 10/13) as required in a written contract with the Named Insured. The General Liability, Auto & Work Comp policies include a blanket waiver of subrogation endorsements (CG2404 05/09, CA0001 10/13, WC420304B) as required in a written contract with the Named Insured. Primary Noncontributory wording per attached endorsements (CIS CGL 4026 12/15). Cancellation provisions-see attached (WC420601, CIS CGL 10011 05 17). Umbrella is follow form of the General Liability, Auto and Work Compensation policies subject to policy terms and conditions.

CERTIFICATE HOLDER**CANCELLATION**

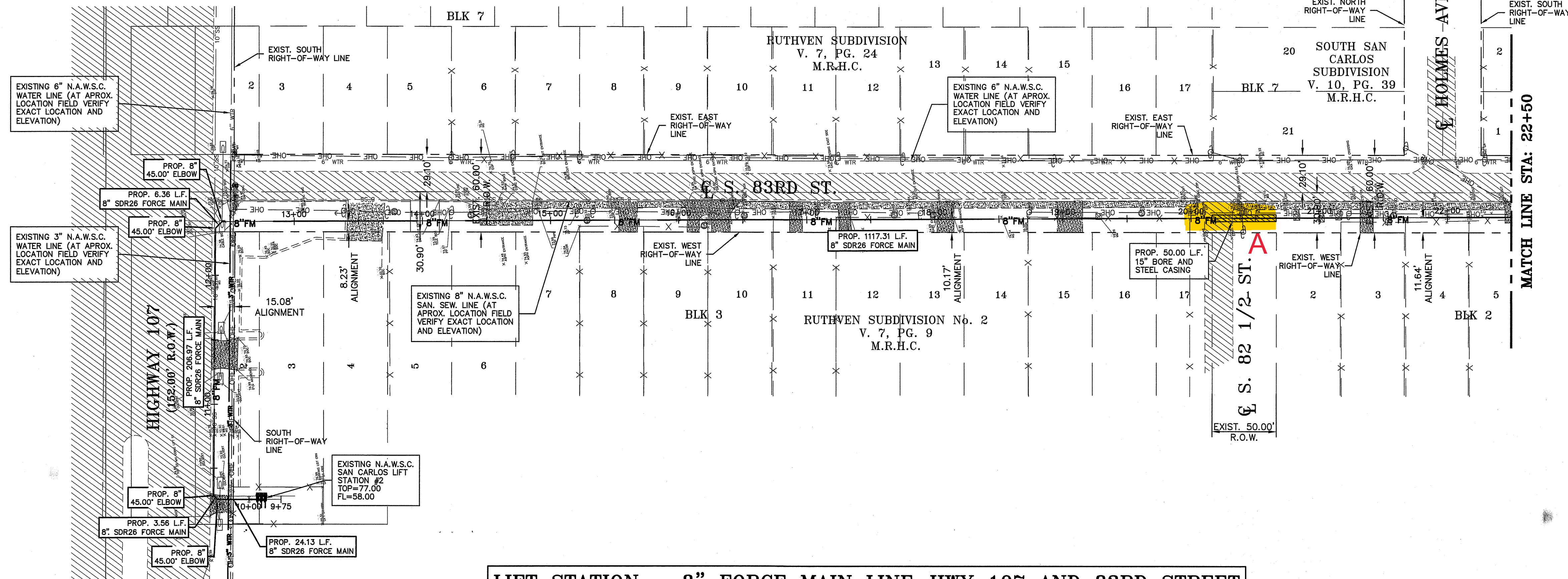
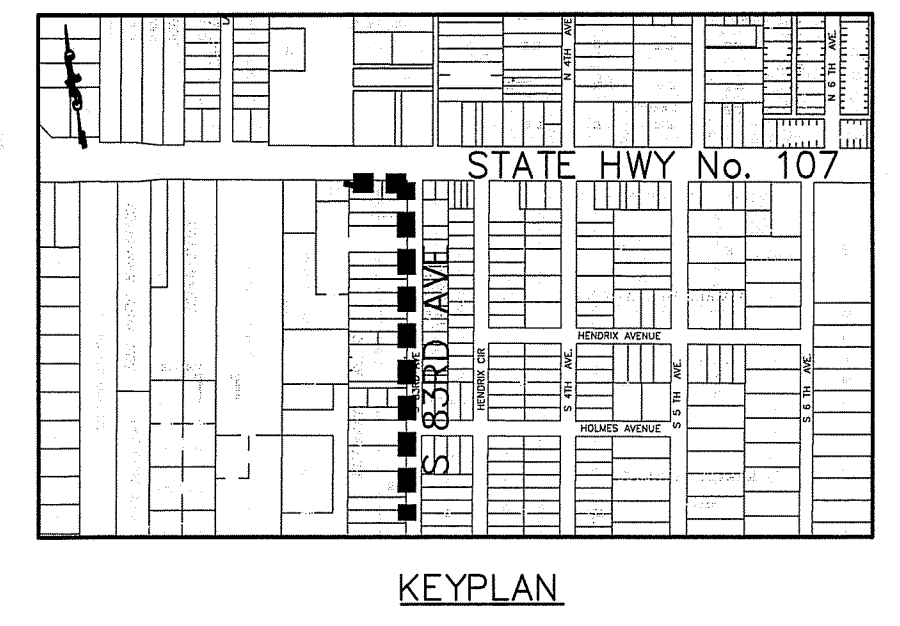
Hidalgo County 2818 S. Bus Hwy 281 Edinburg, TX 78539	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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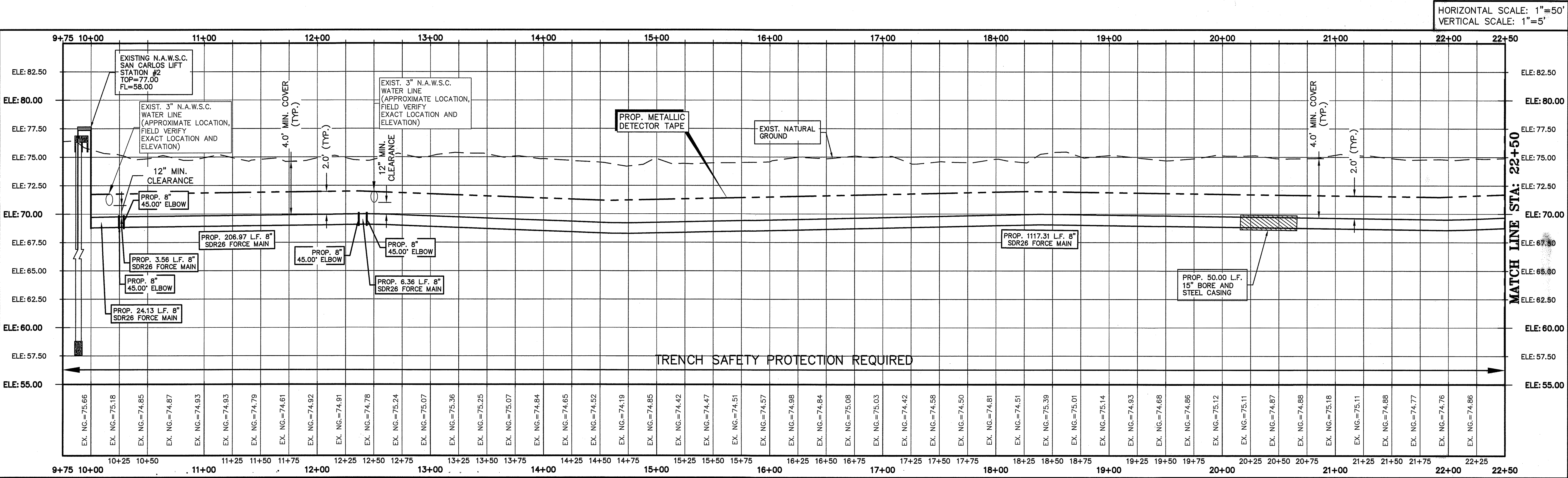
SITE LOCATION MAP

SCALE: 1" = 50'
 BASIS OF BEARING
 TEXAS STATE PLANE COORDINATES
 NAD 83
 TEXAS SOUTH ZONE (4205)
 WESTERN DATA SYSTEMS NETWORK



LIFT STATION - 8" FORCE MAIN LINE-HWY 107 AND 83RD STREET

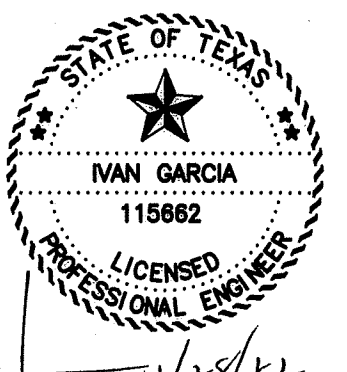
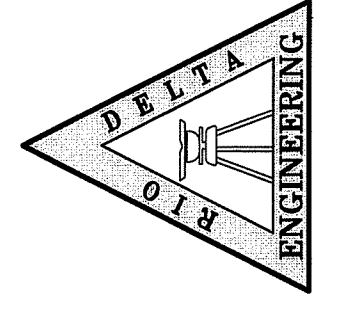
- LEGEND**
- [Symbol] EXIST. GRATE INLET
 - [Symbol] EXIST. CURB INLET
 - [Symbol] EXIST. TELEPHONE PEDESTAL
 - [Symbol] EXIST. GRATE INLET
 - [Symbol] EXIST. IRRIGATION PIPE
 - [Symbol] EXIST. LAMP POLE
 - [Symbol] EXIST. TRAFFIC POLE
 - [Symbol] EXIST. FLUSH VALVE
 - [Symbol] EXIST. GUY WIRE
 - [Symbol] EXIST. POWER POLE
 - [Symbol] EXIST. WATER VALVE
 - [Symbol] EXIST. FLUSH VALVE
 - [Symbol] EXIST. IRRIGATION VALVE
 - [Symbol] EXIST. FIREHYDRANT
 - [Symbol] EXIST. MAIL BOX
 - [Symbol] EXIST. BRICK MAIL BOX
 - [Symbol] EXIST. WATER METER
 - [Symbol] EXIST. STREET SIGN
 - [Symbol] EXIST. SANITARY SEWER MANHOLE
 - [Symbol] EXIST. FENCE LINE
 - [Symbol] EXIST. OVERHEAD ELECTRIC LINE
 - [Symbol] EXIST. UNDERGROUND CABLE
 - [Symbol] EXIST. AT&T PHONE LINE
 - [Symbol] EXIST. IRRIGATION PIPE
 - [Symbol] EXIST. DIRT DRIVEWAY
 - [Symbol] EXIST. IRRIGATION LINE
 - [Symbol] EXIST. 2" (N.A.W.S.C.) WATER LINE
 - [Symbol] EXIST. 3" (N.A.W.S.C.) WATER LINE
 - [Symbol] EXIST. 4" (N.A.W.S.C.) WATER LINE
 - [Symbol] EXIST. 6" (N.A.W.S.C.) WATER LINE
 - [Symbol] EXIST. 8" (N.A.W.S.C.) WATER LINE
 - [Symbol] EXIST. 12" (N.A.W.S.C.) WATER LINE
 - [Symbol] EXIST. 8" SANITARY SEWER LINE
 - [Symbol] EXIST. 8" FORCE MAIN LINE
 - [Symbol] EXIST. 10" SANITARY SEWER LINE
 - [Symbol] EXIST. 10" FORCE MAIN LINE
 - [Symbol] EXIST. 15" SANITARY SEWER LINE
 - [Symbol] EXIST. 15" FORCE MAIN LINE



HORIZONTAL SCALE: 1"=50'
 VERTICAL SCALE: 1"=5'

TRENCH SAFETY PROTECTION REQUIRED

RIO DELTA ENGINEERING
 FIRM REGISTRATION No. F-7628
 SURVEY FIRM No. 10194027
 921 S. 10TH AVENUE EDINBURG, TEXAS 78539
 (TEL) 956-380-5152 (FAX) 956-380-5083



ISSUED FOR CONSTRUCTION

FORCEMAIN PLAN AND PROFILE
 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 SAN CARLOS, TEXAS
 HIDALGO COUNTY

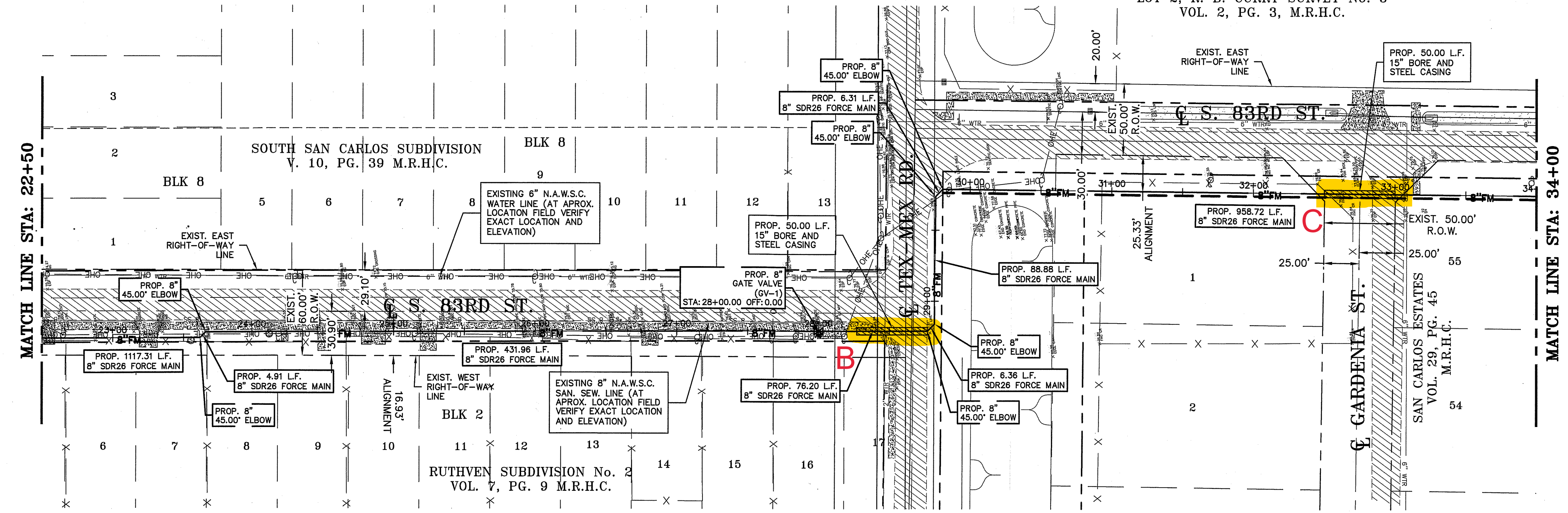
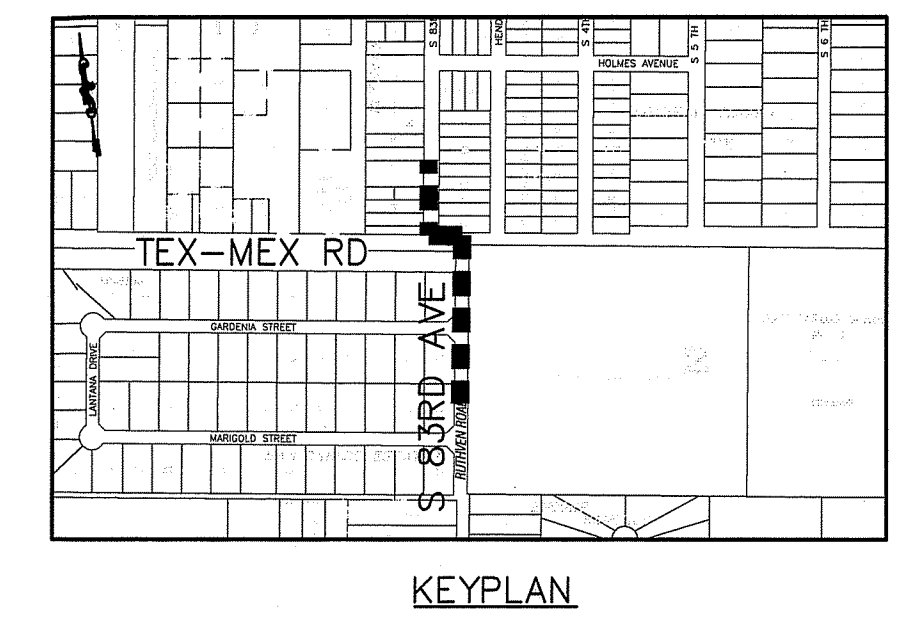
PROJECT: TDA COGANA FUND-CONSTRUCTION 2021 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 ENGINEER: IVAN GARCIA P.E. R.P.L.S.
 SURVEYOR: IVAN GARCIA P.E. R.P.L.S.
 CHECKED: IVAN GARCIA P.E. R.P.L.S.
 DRAWN: O.A./G.F./H.G.
 SCALE: 1" = 50'
 DATE: NOVEMBER 30, 2022
 PROJECT: ENG 21 004
 REVISIONS:
 PAGE NO: **SHT 3**

Y:\PDE ENGINEERING 2021\ENG 21 004 - NAWSC San Carlos LS TDA Project\DWG\ENG 21 004-FM_SHT 3.dwg R10DELTA.12/1/2022 11:48 AM

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 C - X:1123637.8982' Y:16631077.5886'

EDINBURG CONSOLIDATED INDEPENDENT SCHOOL DISTRICT
 LOT 2, R. B. CURRY SURVEY No. 3
 VOL. 2, PG. 3, M.R.H.C.

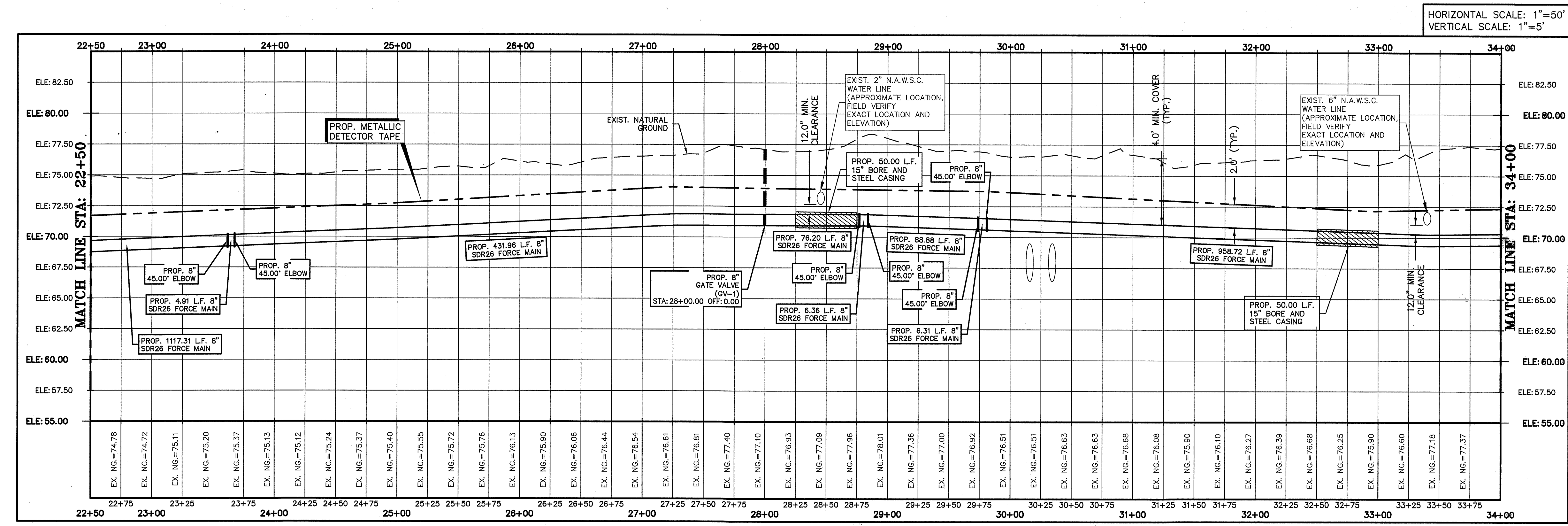
SCALE: 1" = 50'
 BASIS OF BEARING
 TEXAS STATE PLANE COORDINATES
 NAD 83
 TEXAS SOUTH ZONE (4205)
 WESTERN DATA SYSTEMS NETWORK



LIFT STATION - 8" FORCE MAIN LINE - S. 83RD STREET

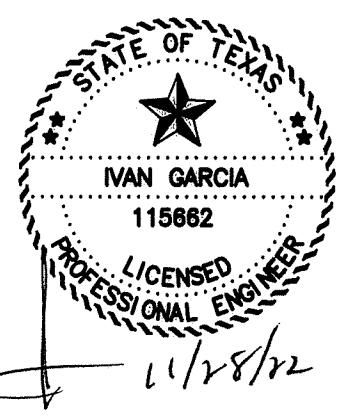
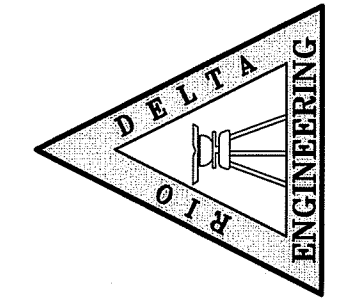
LEGEND

[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. CURB INLET
[Symbol]	EXIST. TELEPHONE PEDESTAL
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. LAMP POLE
[Symbol]	EXIST. TRAFFIC POLE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. GUY WIRE
[Symbol]	EXIST. POWER POLE
[Symbol]	EXIST. WATER VALVE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. IRRIGATION VALVE
[Symbol]	EXIST. FIREHYDRANT
[Symbol]	EXIST. MAIL BOX
[Symbol]	EXIST. BRICK MAIL BOX
[Symbol]	EXIST. WATER METER
[Symbol]	EXIST. STREET SIGN
[Symbol]	EXIST. SANITARY SEWER MANHOLE
[Symbol]	EXIST. FENCE LINE
[Symbol]	EXIST. OVERHEAD ELECTRIC LINE
[Symbol]	EXIST. UNDERGROUND CABLE
[Symbol]	EXIST. AT&T PHONE LINE
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. DIRT DRIVEWAY
[Symbol]	EXIST. IRRIGATION LINE
[Symbol]	EXIST. 2" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 3" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 4" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 6" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 8" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 8" SANITARY SEWER LINE
[Symbol]	EXIST. 8" FORCE MAIN LINE
[Symbol]	EXIST. 10" SANITARY SEWER LINE
[Symbol]	EXIST. 10" FORCE MAIN LINE
[Symbol]	EXIST. 15" SANITARY SEWER LINE
[Symbol]	EXIST. 15" FORCE MAIN LINE



HORIZONTAL SCALE: 1"=50'
 VERTICAL SCALE: 1"=5'

RIO DELTA ENGINEERING
 FIRM REGISTRATION No. F-7628
 SURVEY FIRM No. 10194027
 921 S. 10TH AVENUE EDINBURG, TEXAS 78539
 (TEL) 956-380-5152 (FAX) 956-380-5083



ISSUED FOR
CONSTRUCTION

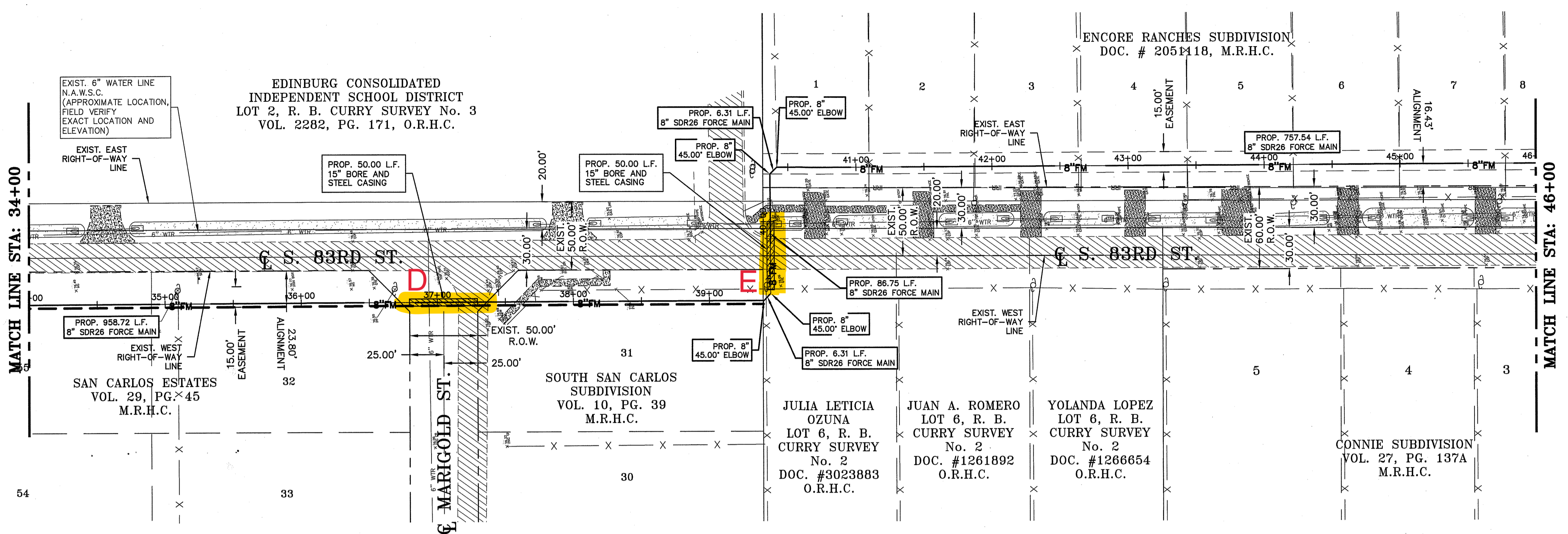
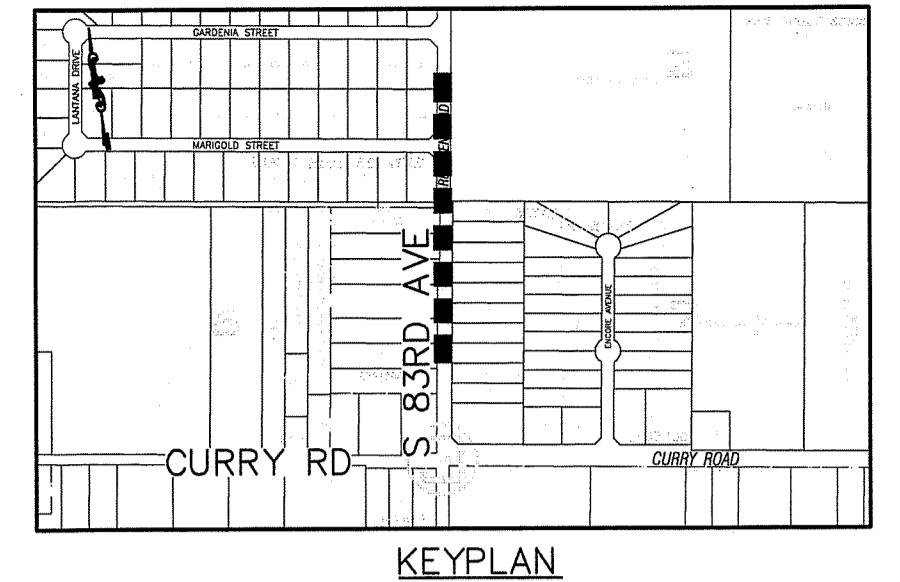
FORCEMAIN PLAN AND PROFILE
 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 SAN CARLOS, TEXAS
 HIDALGO COUNTY

PROJECT: TDA COLONIA FUNDOS-CONSTRUCTION 2021
 ENGINEER: IVAN GARCIA P.E. R.P.L.S.
 SURVEYOR: IVAN GARCIA P.E. R.P.L.S.
 CHECKED: IVAN GARCIA P.E. R.P.L.S.
 DRAWN: O.A./G.F./H.G.
 SCALE: 1" = 50'
 DATE: NOVEMBER 30, 2022
 PROJECT: ENG 21 004
 REVISIONS:
 PAGE NO. **SHT 4**

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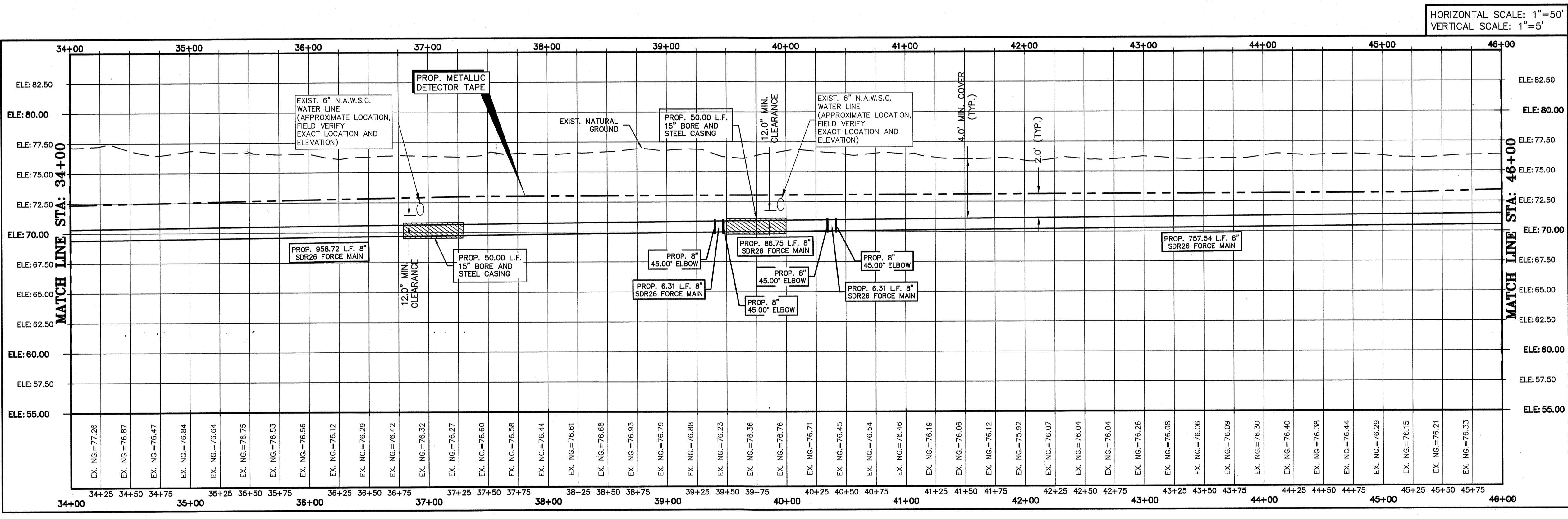
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SCALE: 1" = 50'
 BASIS OF BEARING
 TEXAS STATE PLANE COORDINATES
 NAD 83
 TEXAS SOUTH ZONE (4205)
 WESTERN DATA SYSTEMS NETWORK

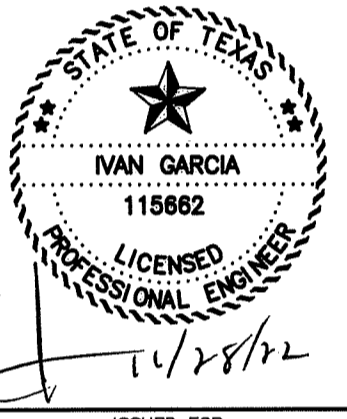
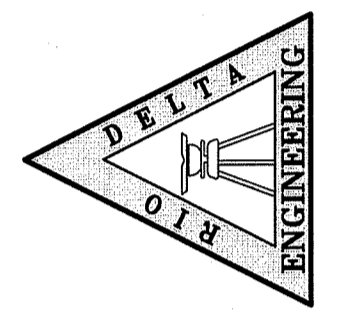


LIFT STATION - 8" FORCE MAIN LINE - S. 83RD STREET

LEGEND	
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. CURB INLET
[Symbol]	EXIST. TELEPHONE PEDESTAL
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. LAMP POLE
[Symbol]	EXIST. TRAFFIC POLE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. GUY WIRE
[Symbol]	EXIST. POWER POLE
[Symbol]	EXIST. WATER VALVE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. IRRIGATION VALVE
[Symbol]	EXIST. FIREHYDRANT
[Symbol]	EXIST. MAIL BOX
[Symbol]	EXIST. BRICK MAIL BOX
[Symbol]	EXIST. WATER METER
[Symbol]	EXIST. STREET SIGN
[Symbol]	EXIST. SANITARY SEWER MANHOLE
[Symbol]	EXIST. FENCE LINE
[Symbol]	EXIST. OVERHEAD ELECTRIC LINE
[Symbol]	EXIST. UNDERGROUND CABLE
[Symbol]	EXIST. AT&T PHONE LINE
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. DIRT DRIVEWAY
[Symbol]	EXIST. IRRIGATION LINE
[Symbol]	EXIST. 2" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 3" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 4" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 6" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 8" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 12" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 8" SANITARY SEWER LINE
[Symbol]	EXIST. 8" FORCE MAIN LINE
[Symbol]	EXIST. 10" SANITARY SEWER LINE
[Symbol]	EXIST. 10" FORCE MAIN LINE
[Symbol]	EXIST. 15" SANITARY SEWER LINE
[Symbol]	EXIST. 15" FORCE MAIN LINE



RIO DELTA ENGINEERING
 FIRM REGISTRATION No. F-7628
 SURVEY FIRM No. 10194027
 921 S. 10TH AVENUE EDINBURG, TEXAS 78539
 (TEL) 956-380-5152 (FAX) 956-380-5083



ISSUED FOR CONSTRUCTION

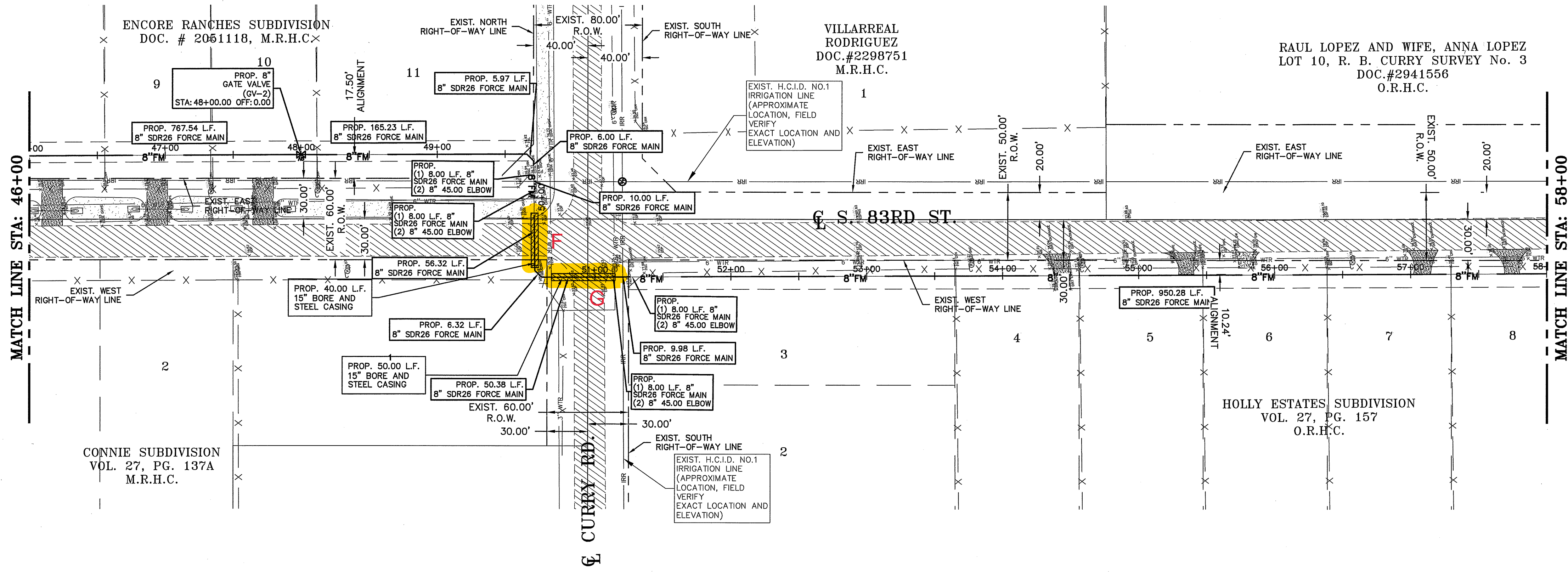
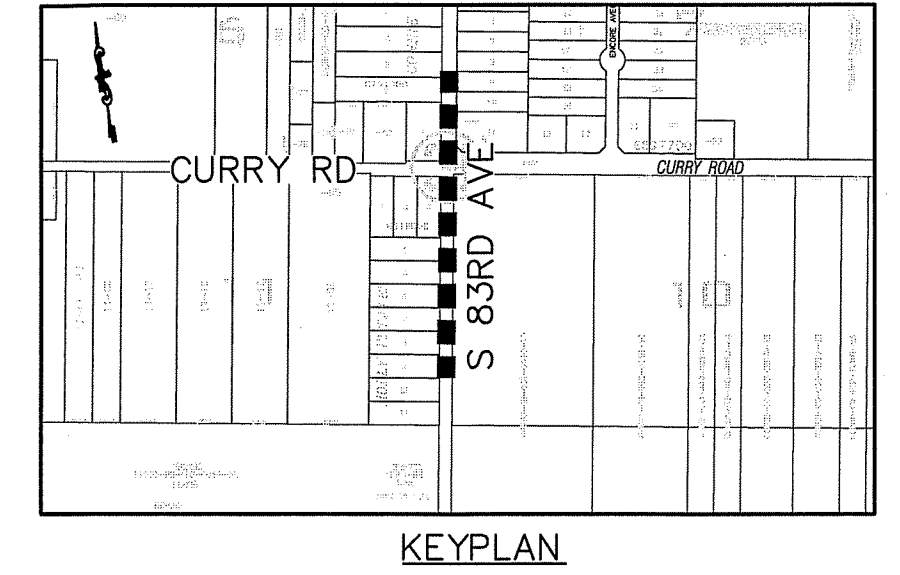
FORCEMAIN PLAN AND PROFILE
 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 SAN CARLOS, TEXAS
 HIDALGO COUNTY

ENGINEER:	IVAN GARCIA P.E. R.P.L.S.
SURVEYOR:	IVAN GARCIA P.E. R.P.L.S.
CHECKED:	IVAN GARCIA P.E. R.P.L.S.
DRAWN:	O.A./G.F./H.G.
SCALE:	1" = 50'
DATE:	NOVEMBER 30, 2022
PROJECT:	ENG 21 004
REVISIONS:	
PAGE NO.	SHT 5

Y:\RDE\ENGINEERING\2021\ENG 21 004 - NAVSAC San Carlos TDA Project\DWG\ENG 21 004_FM_SHT 5.dwg, RIDEDELTA 12/1/2022 12:00 PM

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 G - X:1123406.4238' Y:16629423.3267'

SCALE: 1" = 50'
 BASIS OF BEARING
 TEXAS STATE PLANE COORDINATES
 NAD 83
 TEXAS SOUTH ZONE (4205)
 WESTERN DATA SYSTEMS NETWORK

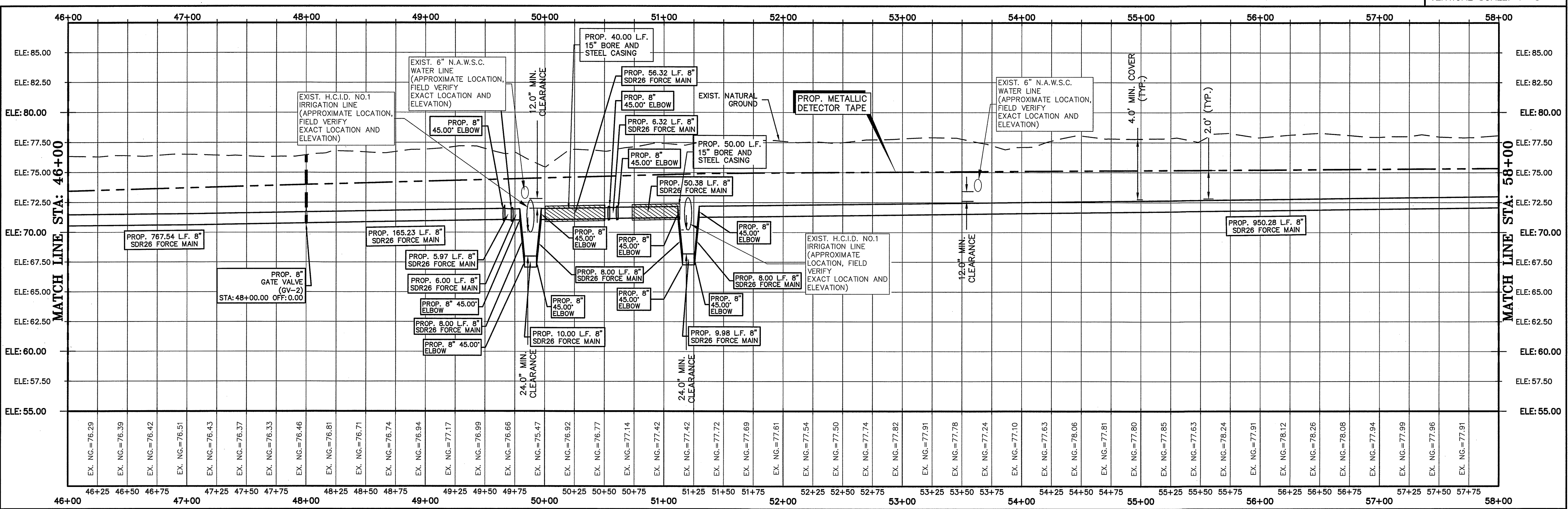


LIFT STATION - 8" FORCE MAIN LINE - S. 83RD STREET

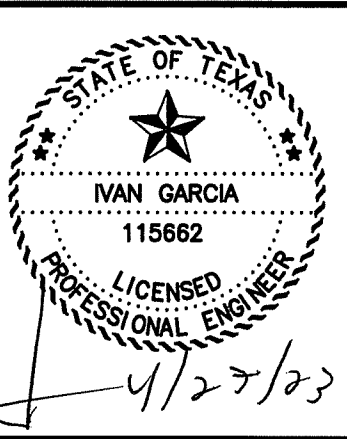
LEGEND

[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. CURB INLET
[Symbol]	EXIST. TELEPHONE PEDESTAL
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. LAMP POLE
[Symbol]	EXIST. TRAFFIC POLE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. GUY WIRE
[Symbol]	EXIST. POWER POLE
[Symbol]	EXIST. WATER VALVE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. IRRIGATION VALVE
[Symbol]	EXIST. FIREHYDRANT
[Symbol]	EXIST. MAIL BOX
[Symbol]	EXIST. BRICK MAIL BOX
[Symbol]	EXIST. WATER METER
[Symbol]	EXIST. STREET SIGN
[Symbol]	EXIST. SANITARY SEWER MANHOLE
[Symbol]	EXIST. FENCE LINE
[Symbol]	EXIST. OVERHEAD ELECTRIC LINE
[Symbol]	EXIST. UNDERGROUND CABLE
[Symbol]	EXIST. AT&T PHONE LINE
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. DIRT DRIVEWAY
[Symbol]	EXIST. IRRIGATION LINE
[Symbol]	EXIST. 2" (N.A.W.S.C.) WATER LINE
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HORIZONTAL SCALE: 1"=50'
 VERTICAL SCALE: 1"=5'



RIO DELTA ENGINEERING
 FIRM REGISTRATION No. F-7628
 SURVEY FIRM No. 10194027
 921 S. 10TH AVENUE EDINBURG, TEXAS 78539
 (TEL) 956-380-5152 (FAX) 956-380-5083



ISSUED FOR CONSTRUCTION

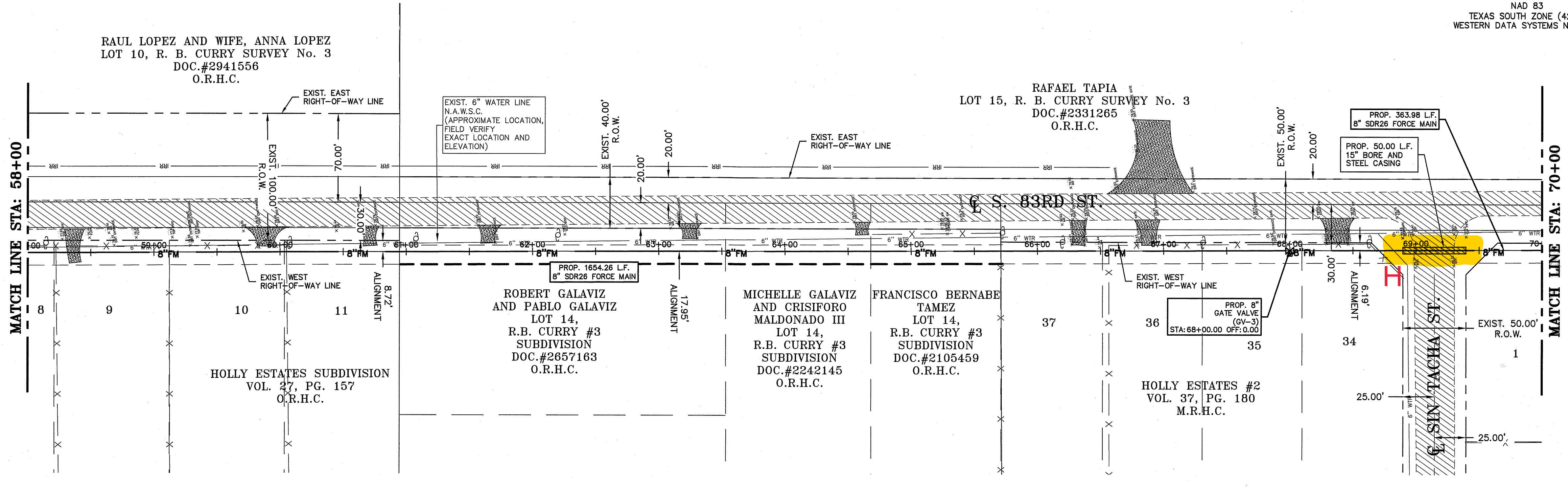
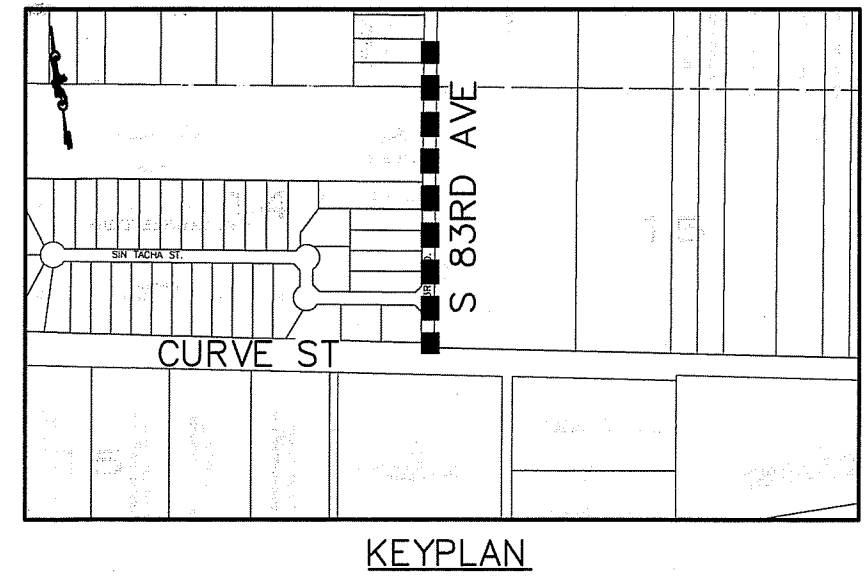
FORCEMAIN PLAN AND PROFILE
 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 TUDA COUANA FUND-CONSTRUCTION 2021
 SAN CARLOS, TEXAS
 HIDALGO COUNTY

PROJECT: TUDA COUANA FUND-CONSTRUCTION 2021 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 ENGINEER: IVAN GARCIA P.E. R.P.L.S.
 SURVEYOR: IVAN GARCIA P.E. R.P.L.S.
 CHECKED: IVAN GARCIA P.E. R.P.L.S.
 DRAWN: O.A./G.F./H.G.
 SCALE: 1" = 50'
 DATE: APRIL 25, 2023
 PROJECT: ENG 21 004
 REVISIONS:
 PAGE NO. SHT 6

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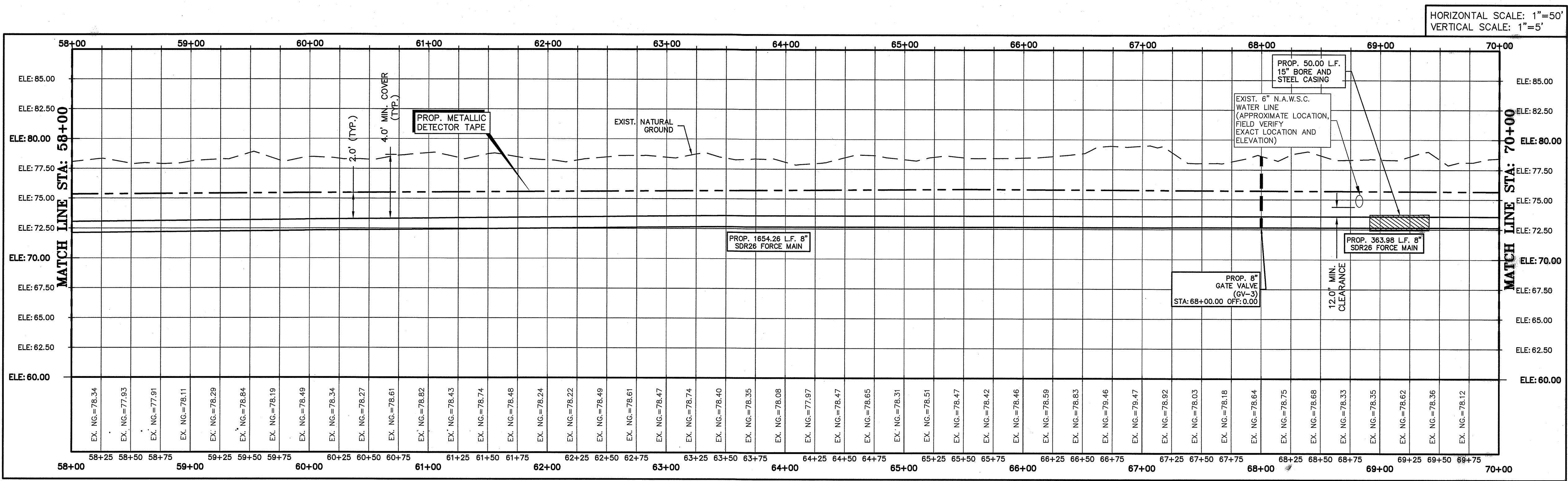
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BASIS OF BEARING
TEXAS STATE PLANE COORDINATES
NAD 83
TEXAS SOUTH ZONE (4205)
WESTERN DATA SYSTEMS NETWORK

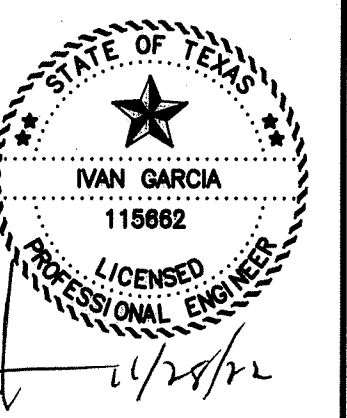
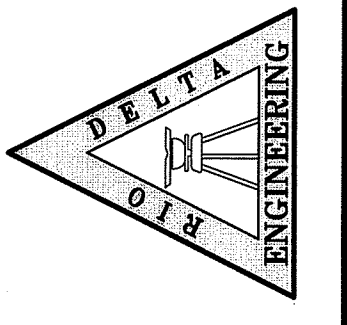


LIFT STATION - 8" FORCE MAIN LINE - S. 83RD STREET

LEGEND	
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. CURB INLET
[Symbol]	EXIST. TELEPHONE PEDESTAL
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. LAMP POLE
[Symbol]	EXIST. TRAFFIC POLE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. GUY WIRE
[Symbol]	EXIST. POWER POLE
[Symbol]	EXIST. WATER VALVE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. IRRIGATION VALVE
[Symbol]	EXIST. FIREHYDRANT
[Symbol]	EXIST. MAIL BOX
[Symbol]	EXIST. BRICK MAIL BOX
[Symbol]	EXIST. WATER METER
[Symbol]	EXIST. STREET SIGN
[Symbol]	EXIST. SANITARY SEWER MANHOLE
[Symbol]	EXIST. FENCE LINE
[Symbol]	EXIST. OVERHEAD ELECTRIC LINE
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[Symbol]	EXIST. DIRT DRIVEWAY
[Symbol]	EXIST. IRRIGATION LINE
[Symbol]	EXIST. 2" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 3" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 4" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 6" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 8" (N.A.W.S.C.) WATER LINE
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[Symbol]	EXIST. 8" SANITARY SEWER LINE
[Symbol]	EXIST. 8" FORCE MAIN LINE
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[Symbol]	EXIST. 15" SANITARY SEWER LINE
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RIO DELTA ENGINEERING
FIRM REGISTRATION No. F-7628
SURVEY FIRM No. 10194027
921 S. 10TH AVENUE EDINBURG, TEXAS 78539
(TEL) 956-380-5152 (FAX) 956-380-5083



ISSUED FOR:
CONSTRUCTION

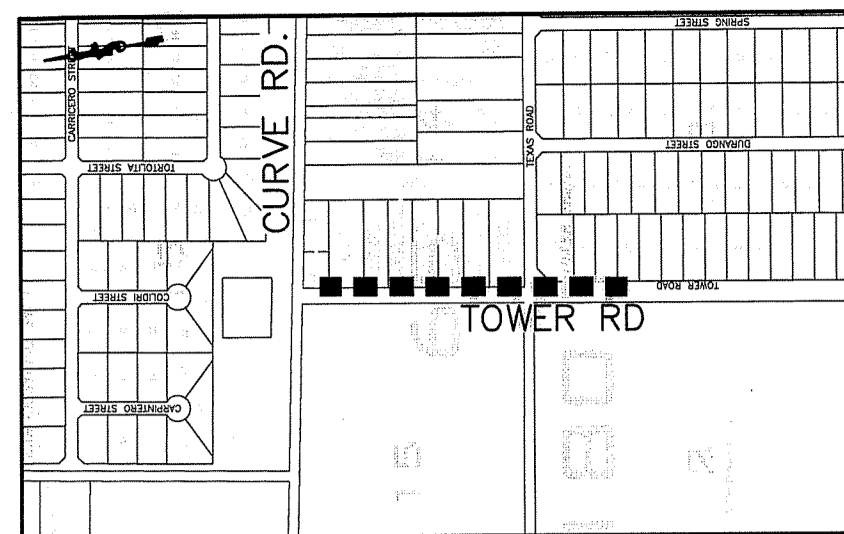
FORCEMAIN PLAN AND PROFILE
TDA COLONIA FUNDOS-CONSTRUCTION 2021 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
SAN CARLOS, TEXAS
HIDALGO COUNTY

ENGINEER:	IVAN GARCIA P.E. R.P.L.S.
SURVEYOR:	IVAN GARCIA P.E. R.P.L.S.
CHECKED:	IVAN GARCIA P.E. R.P.L.S.
DRAWN:	O.A./G.F./H.G.
SCALE:	1" = 50'
DATE:	NOVEMBER 30, 2022
PROJECT:	ENG 21 004
REVISIONS:	
PAGE NO.	SHT 7

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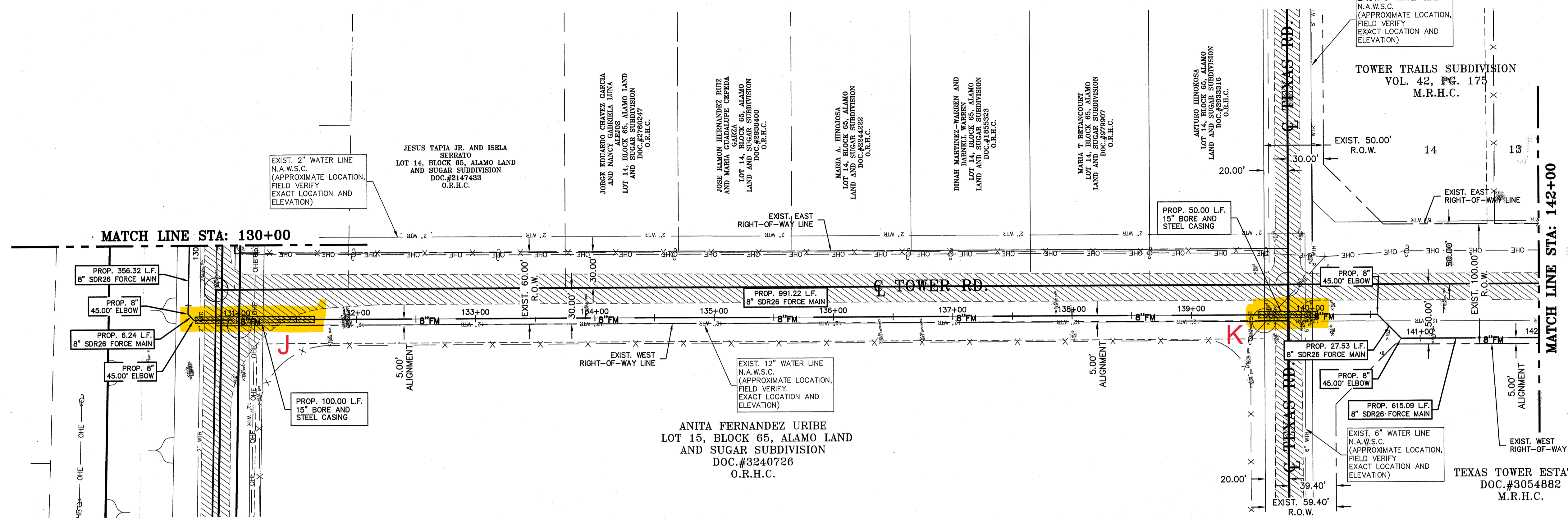
SCALE: 1" = 50'
 BASIS OF BEARING
 TEXAS STATE PLANE COORDINATES
 NAD 83
 TEXAS SOUTH ZONE (4205)
 WESTERN DATA SYSTEMS NETWORK



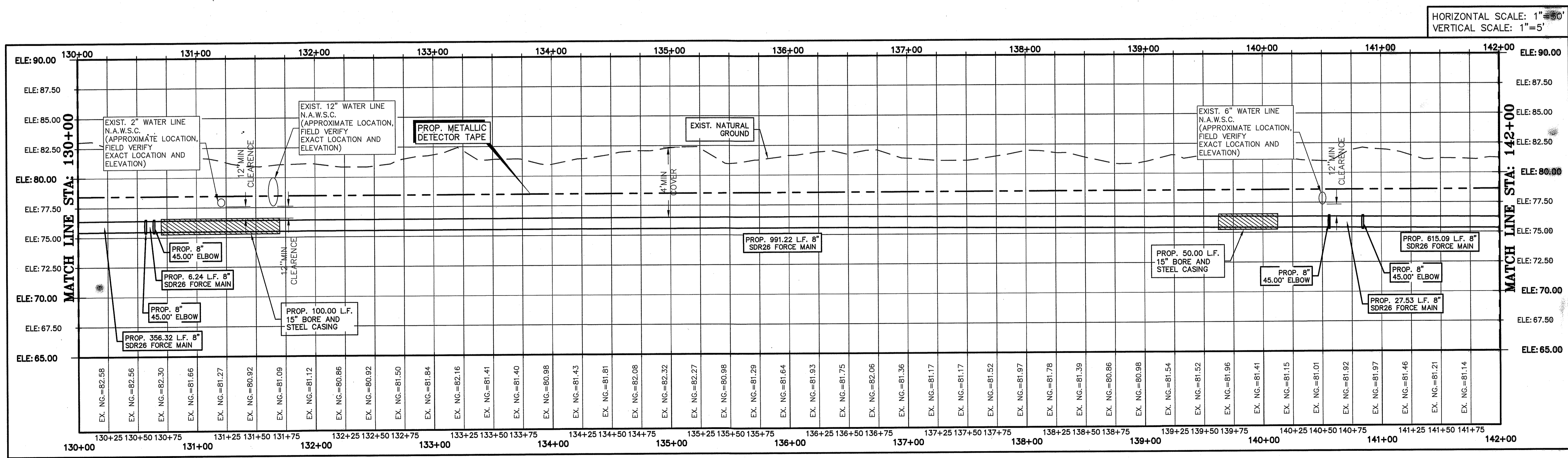
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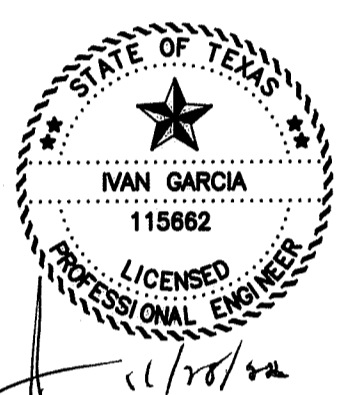
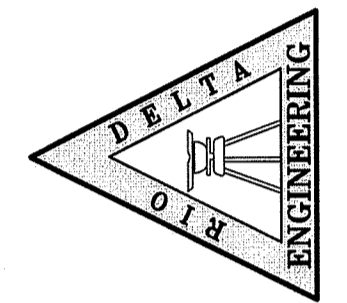
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- EXIST. CURB INLET
- EXIST. TELEPHONE PEDESTAL
- EXIST. GRATE INLET
- EXIST. IRRIGATION PIPE
- EXIST. LAMP POLE
- EXIST. TRAFFIC POLE
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- EXIST. STREET SIGN
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- EXIST. FENCE LINE
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- EXIST. AT&T PHONE LINE
- EXIST. IRRIGATION PIPE
- EXIST. DIRT DRIVEWAY
- EXIST. IRRIGATION LINE
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LIFT STATION - 10" FORCE MAIN LINE - TOWER ROAD



RIO DELTA ENGINEERING
 FIRM REGISTRATION No. F-7628
 SURVEY FIRM No. 10194027
 921 S. 10TH AVENUE EDINBURG, TEXAS 78539
 (TEL) 956-380-5152 (FAX) 956-380-5083



ISSUED FOR: CONSTRUCTION

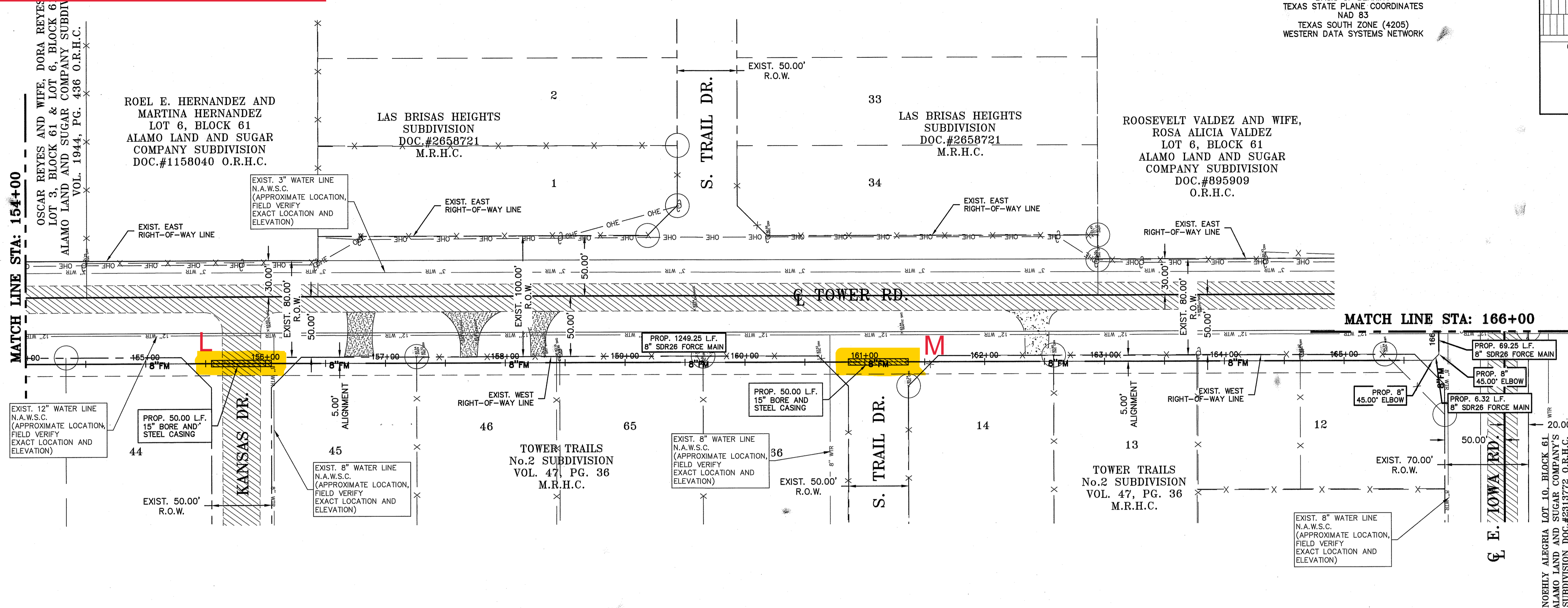
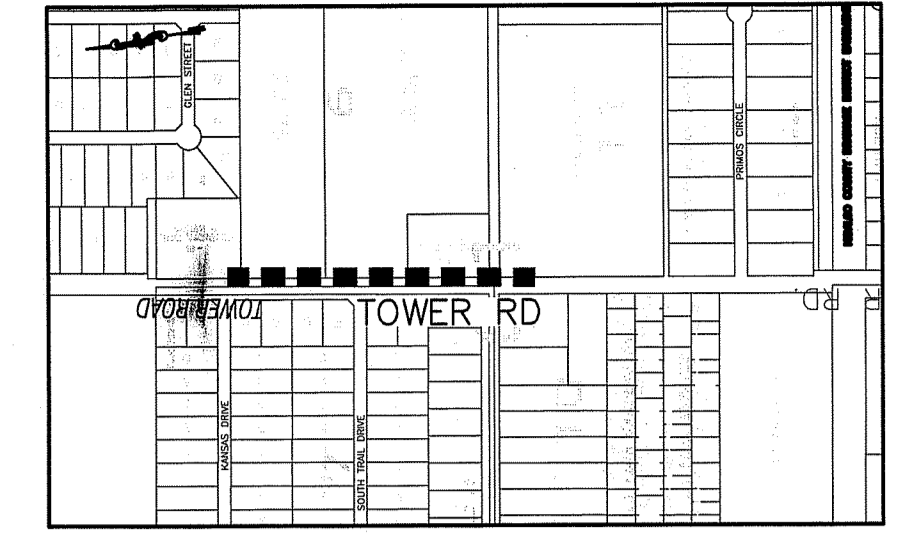
FORCEMAIN PLAN AND PROFILE
 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 THE COLONIA FUNDUS-CONSTRUCTION 2021
 SAN CARLOS, TEXAS
 HIDALGO COUNTY

ENGINEER: IVAN GARCIA P.E., R.P.L.S.
 SURVEYOR: IVAN GARCIA P.E., R.P.L.S.
 CHECKED: IVAN GARCIA P.E., R.P.L.S.
 DRAWN: O.A./G.F./H.G.
 SCALE: 1" = 50'
 DATE: NOVEMBER 30, 2022
 PROJECT: ENG 21 004
 REVISIONS:
 PAGE NO. SHT 13

X:\RDE ENGINEERING 2021\ENG 21 004 - SAN CARLOS - HIDALGO COUNTY - SAN CARLOS, TEXAS - FORCEMAIN PLAN AND PROFILE - NOVEMBER 30, 2022 - 12:12 PM

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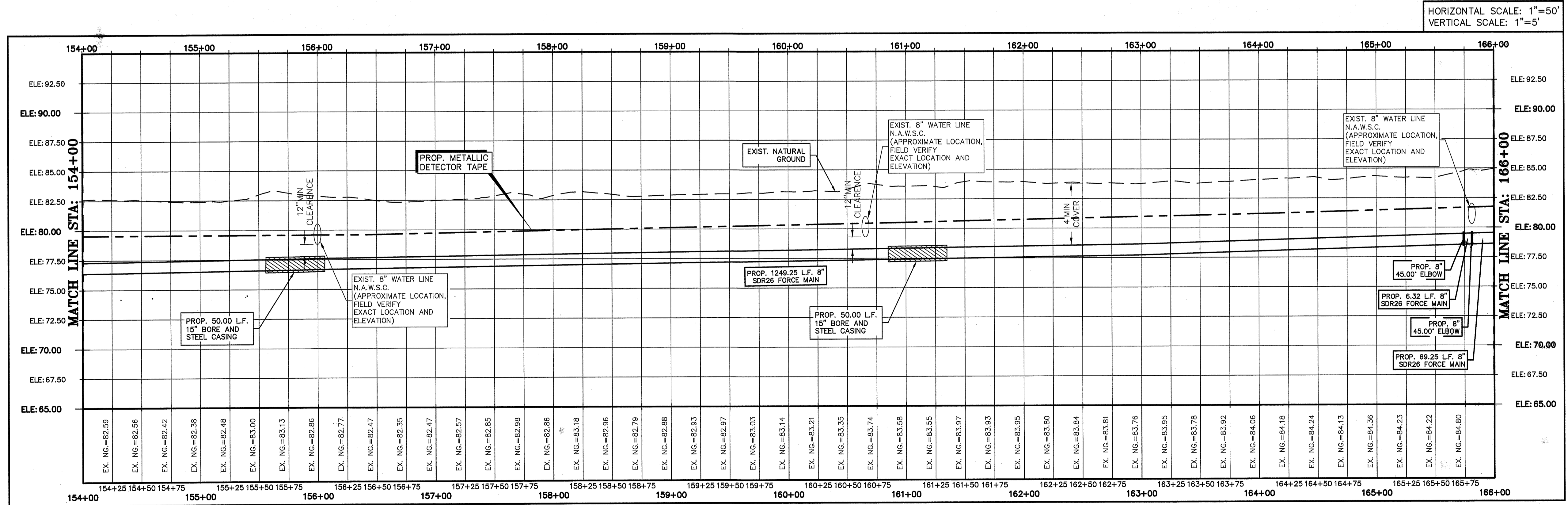
SCALE: 1" = 50'
BASIS OF BEARING
TEXAS STATE PLANE COORDINATES
NAD 83
TEXAS SOUTH ZONE (4205)
WESTERN DATA SYSTEMS NETWORK



LIFT STATION - 8" FORCE MAIN LINE - TOWER ROAD

LEGEND

[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. CURB INLET
[Symbol]	EXIST. TELEPHONE PEDESTAL
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. LAMP POLE
[Symbol]	EXIST. TRAFFIC POLE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. GUY WIRE
[Symbol]	EXIST. POWER POLE
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[Symbol]	EXIST. FIREHYDRANT
[Symbol]	EXIST. MAIL BOX
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[Symbol]	EXIST. WATER METER
[Symbol]	EXIST. STREET SIGN
[Symbol]	EXIST. SANITARY SEWER MANHOLE
[Symbol]	EXIST. FENCE LINE
[Symbol]	EXIST. OVERHEAD ELECTRIC LINE
[Symbol]	EXIST. UNDERGROUND CABLE
[Symbol]	EXIST. AT&T PHONE LINE
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. DIRT DRIVEWAY
[Symbol]	EXIST. IRRIGATION LINE
[Symbol]	EXIST. 2" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 3" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 4" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 6" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 8" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 12" (N.A.W.S.C.) WATER LINE
[Symbol]	EXIST. 8" SANITARY SEWER LINE
[Symbol]	EXIST. 8" FORCE MAIN LINE
[Symbol]	EXIST. 10" SANITARY SEWER LINE
[Symbol]	EXIST. 10" FORCE MAIN LINE
[Symbol]	EXIST. 15" SANITARY SEWER LINE
[Symbol]	EXIST. 15" FORCE MAIN LINE



RIO DELTA ENGINEERING
FIRM REGISTRATION No. F-7628
SURVEY FIRM No. 10194027
921 S. 10TH AVENUE EDINBURG, TEXAS 78539
(TEL) 956-860-5152 (FAX) 956-380-5083

ISSUED FOR: **CONSTRUCTION**

FORCEMAIN PLAN AND PROFILE
(REDRAWN FOR LIFT STATIONS/INSTALLATION OF SEWER MAIN)

SAN CARLOS, TEXAS
HIDALGO COUNTY

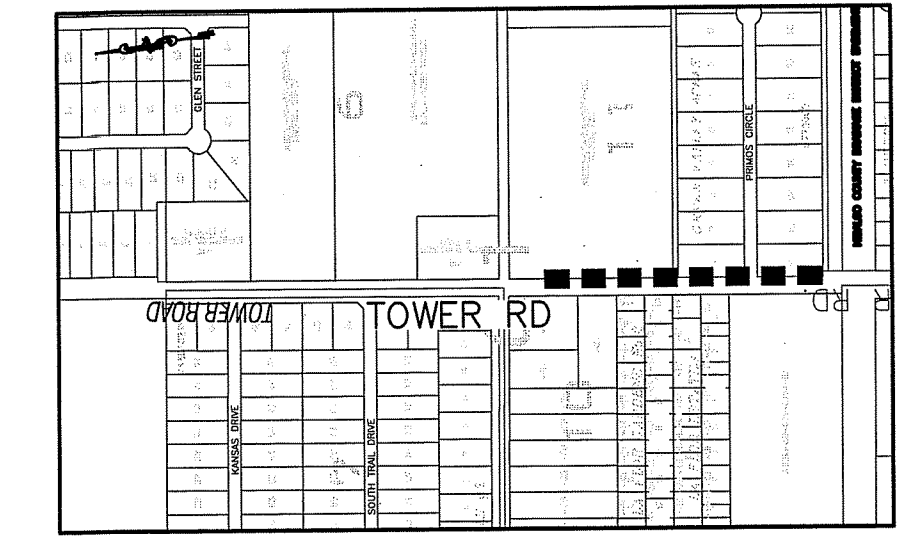
PROJECT: TDA COLONIA PONDOS-CONSTRUCTION 2021 (REDRAWN FOR LIFT STATIONS/INSTALLATION OF SEWER MAIN)

ENGINEER: IVAN GARCIA P.E. R.P.L.S.
SURVEYOR: IVAN GARCIA P.E. R.P.L.S.
CHECKED: IVAN GARCIA P.E. R.P.L.S.
DRAWN: O.A./G.F./H.G.
SCALE: NOT TO SCALE
DATE: NOVEMBER 30, 2022
PROJECT: ENG 21 004
REVISIONS:
PAGE NO. **SHT 15**

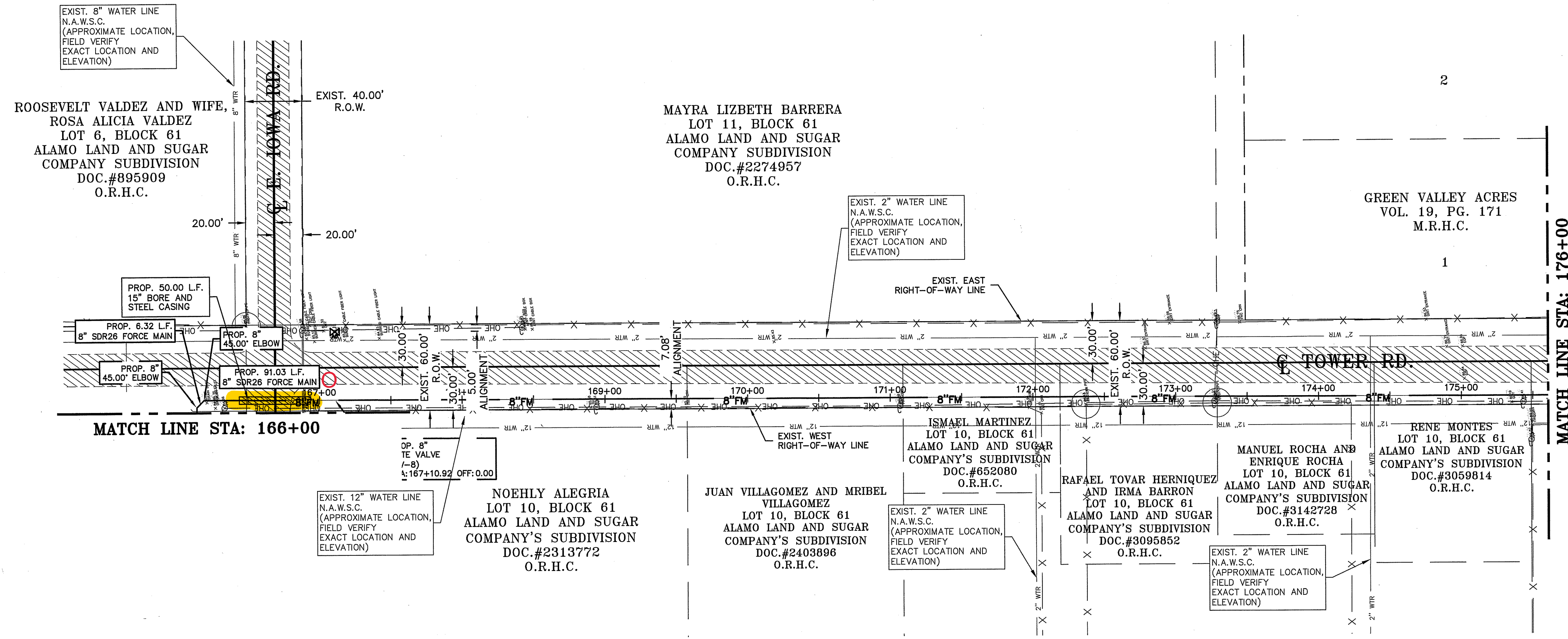
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SCALE: 1" = 50'
BASIS OF BEARING
TEXAS STATE PLANE COORDINATES
NAD 83
TEXAS SOUTH ZONE (4205)
WESTERN DATA SYSTEMS NETWORK

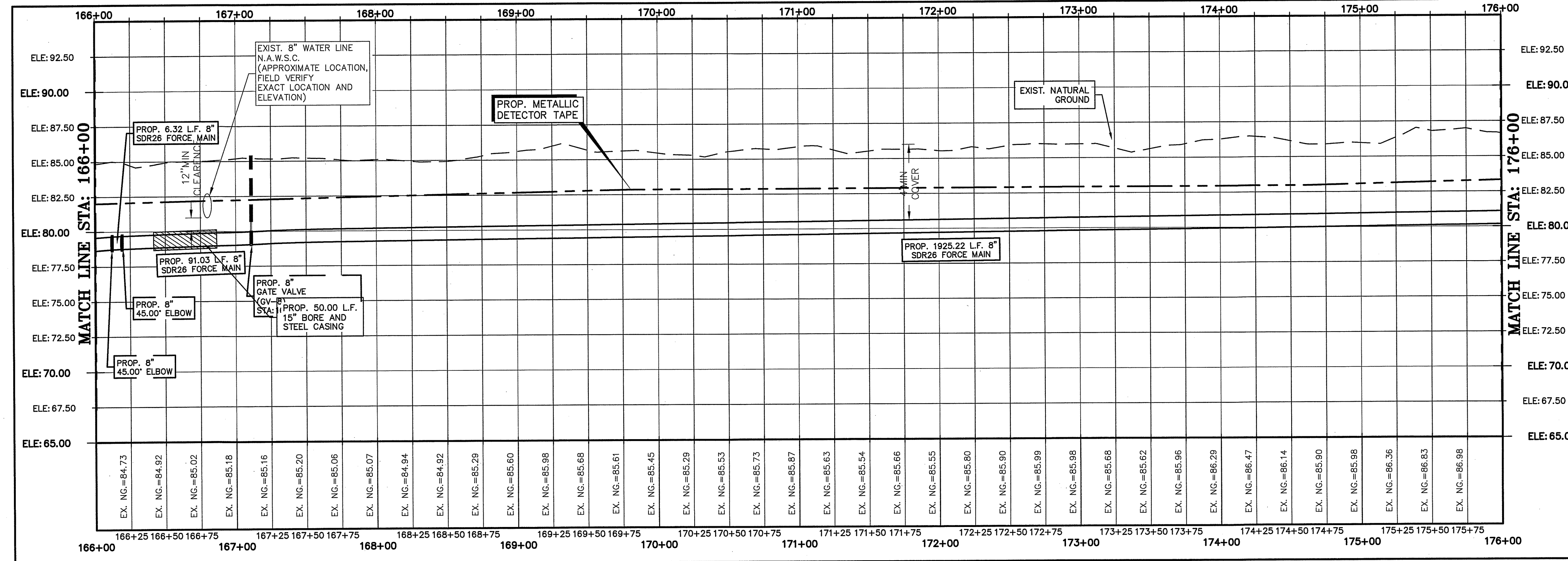


KEYPLAN



LIFT STATION - 8" FORCE MAIN LINE - TOWER ROAD

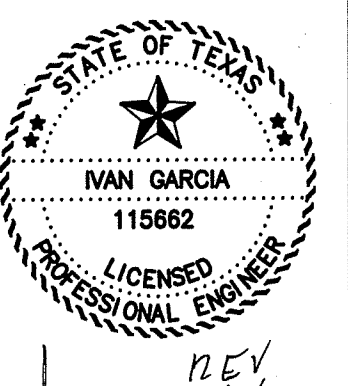
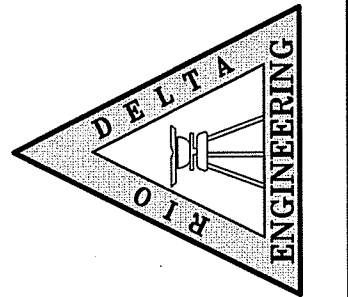
HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'



LEGEND

[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. CURB INLET
[Symbol]	EXIST. TELEPHONE PEDESTAL
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. IRRIGATION PIPE
[Symbol]	EXIST. LAMP POLE
[Symbol]	EXIST. TRAFFIC POLE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. GUY WIRE
[Symbol]	EXIST. POWER POLE
[Symbol]	EXIST. WATER VALVE
[Symbol]	EXIST. FLUSH VALVE
[Symbol]	EXIST. IRRIGATION VALVE
[Symbol]	EXIST. FIREHYDRANT
[Symbol]	EXIST. MAIL BOX
[Symbol]	EXIST. BRICK MAIL BOX
[Symbol]	EXIST. WATER METER
[Symbol]	EXIST. STREET SIGN
[Symbol]	EXIST. SANITARY SEWER MANHOLE
[Symbol]	EXIST. FENCE LINE
[Symbol]	EXIST. OVERHEAD ELECTRIC LINE
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RIO DELTA ENGINEERING
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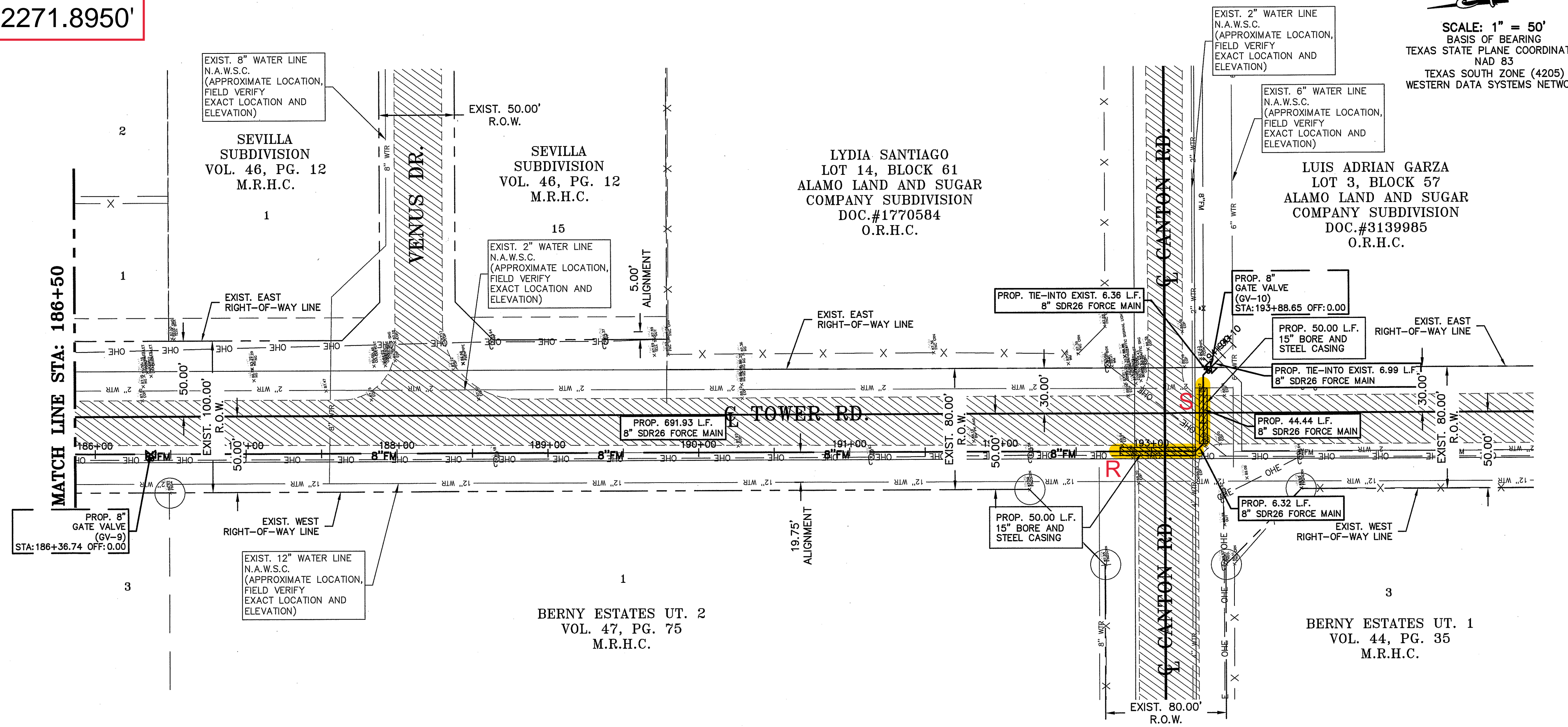


ISSUED FOR: CONSTRUCTION

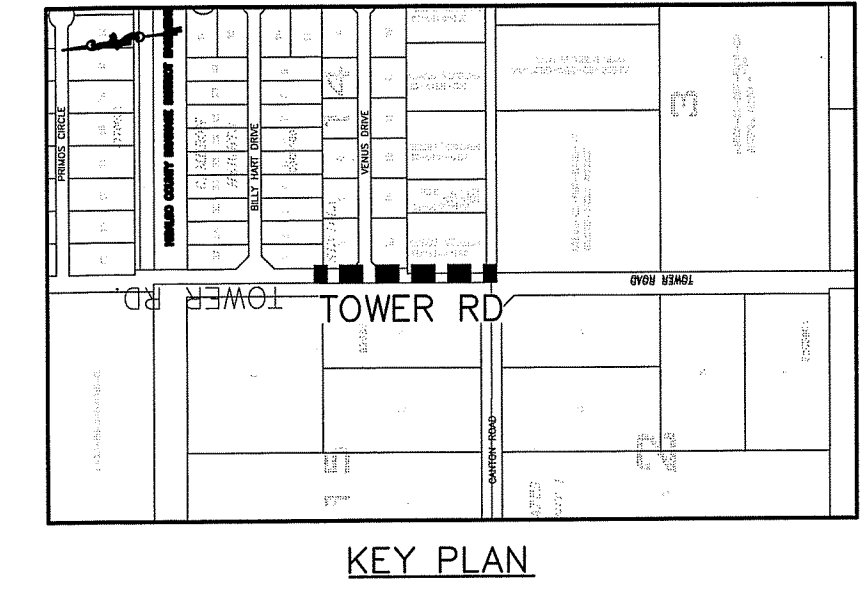
FORCE MAIN PLAN AND PROFILE
REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN
SAN CARLOS, TEXAS
HIDALGO COUNTY

ENGINEER: IVAN GARCIA P.E. R.P.L.S.
SURVEYOR: IVAN GARCIA P.E. R.P.L.S.
CHECKED: IVAN GARCIA P.E. R.P.L.S.
DRAWN: O.A./G.F./H.G.
SCALE: 1"=50'
DATE: APRIL 25, 2023
PROJECT: ENG 21 004
REVISIONS:
PAGE NO. SHT 16

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 S - X:1116338.9100' Y:16622271.8950'

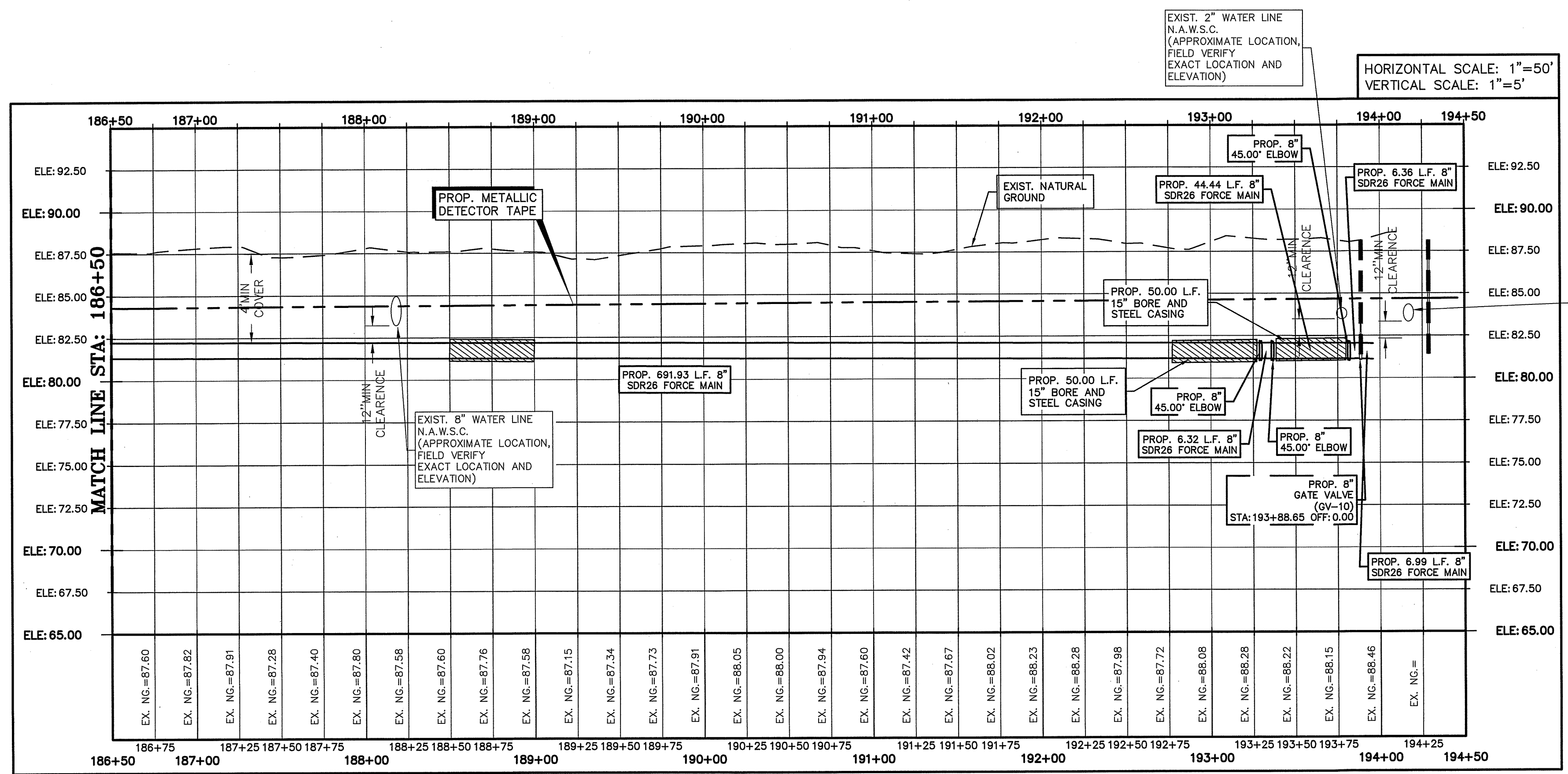


SCALE: 1" = 50'
 BASIS OF BEARING
 TEXAS STATE PLANE COORDINATES
 NAD 83
 TEXAS SOUTH ZONE (4205)
 WESTERN DATA SYSTEMS NETWORK



LEGEND	
[Symbol]	EXIST. GRATE INLET
[Symbol]	EXIST. CURB INLET
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LIFT STATION - 8" FORCE MAIN LINE - TOWER ROAD



HORIZONTAL SCALE: 1"=50'
 VERTICAL SCALE: 1"=5'

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RIO DELTA ENGINEERING
 FIRM REGISTRATION No. F-7628
 SURVEY FIRM No. 10194027
 921 S. 10TH AVENUE EDINBURG, TEXAS 78539
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STATE OF TEXAS
 MAN GARCIA
 115662
 LICENSED PROFESSIONAL ENGINEER
 ISSUED FOR: 5/1/23

CONSTRUCTION

FORCEMAIN PLAN AND PROFILE
 (REHABILITATION OF LIFT STATIONS/INSTALLATION OF SEWER MAIN)
 SAN CARLOS, TEXAS
 HIDALGO COUNTY

PROJECT: 21.004 - NAVSC Sm Carlos LS TDA Project
 ENGINEER: IVAN GARCIA P.E. R.P.L.S.
 SURVEYOR: IVAN GARCIA P.E. R.P.L.S.
 CHECKED: IVAN GARCIA P.E. R.P.L.S.
 DRAWN: O.A./G.F./H.G.
 SCALE: 1" = 50'
 DATE: APRIL 25, 2023
 PROJECT: ENG 21 004
 REVISIONS:
 PAGE NO. **SHT 18**