



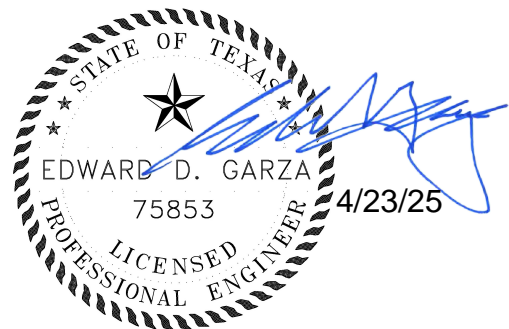
CITY OF LAREDO UNIROYAL LIFT STATION ELIMINATION

LIFT STATION CLOSURE PLAN FOR UNIROYAL LIFT STATION 1209 UNIROYAL DRIVE LAREDO, TX 78045

Prepared by:



Firm # F-3353
1310 Junction Drive, Ste. B
Laredo, Texas 78041



APRIL 23, 2025

CITY OF LAREDO
UNIROYAL LIFT STATION ELIMINATION & WASTEWATER LINE EXTENSION

LIFT STATION CLOSURE PLAN FOR UNIROYAL LIFT STATION

The construction of a new wastewater gravity extension includes installing a new 8" gravity line to extend an existing 8" gravity line from the Unitec Industrial Park to a recently installed 8" gravity line within the Port Grande Industrial Park. This extension will allow the City of Laredo to eliminate an existing lift station. The lift station is located at 1209 Uniroyal Drive in North Laredo within the Unitec Industrial Park, east of I.H. 35., and within the southeast corner of Jobco Trade Services property. Refer to **Exhibit #1 for Location Map**.

Existing lift station coordinates are as follows: N 17138728.8800
E 676005.6004

Part of the closure plan includes the purging of the existing lift station and force main with fresh water to remove any waste or residue. It is estimated that no excess volume of waste will remain following this procedure.

The closure plan for the Lift Station will include work by the general contractor hired by the city and in-house forces. The following sequence will be utilized to decommission the existing lift station:

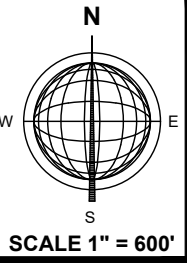
1.0 Procedures and timetable for closure of lift station	Est. Time
1.1 Contractor to connect gravity manhole (A7) that feeds lift station into part of a new gravity line; Refer to Exhibit #2 for Construction Plan (Sheet #5)	15 Days
1.2 Contractor to fill wet well with potable water, and with City personnel present, manually operate a pump cycle to remove remaining waste in the wet well and clean existing force main. Repeat this step as needed until all waste is removed.	2 Days
1.3 Contractor to disconnect force main from receiving manhole, purge existing line, and cap it at both ends; Refer to Exhibit #3 for Construction Plan (Sheet #8)	7 Days
1.4 City to remove pumps, piping, electrical controls, and backup generator; Refer to Exhibit #4 for existing conditions photos;	15 Days
1.5 City to fill abandoned wet well with sand or flowable fill and add a permanent lock to lift station steel doors and access gates;	10 Days
1.6 Disturbed areas to be reconstructed with concrete to match existing conditions.	<u>10 Days</u>
TOTAL	59 Days

Sincerely,

CRANE ENGINEERING CORP.
Firm # F-3353

Edward D. Garza, P.E., CFM
Principal Engineer





① JOBCO TRADE SERVICES PROPERTY
1209 UNIROYAL DR.
LAREDO, TX 78045

REGIONAL DR.

BORDER DR.

N. UNITEC DR.

CABEZUT DR.

UNIROYAL DR.

±0.32 MILES TO IH 35

UNITEC INDUSTRIAL PARK

PORT DR.

RAVISA DR.

CARRIERS DR.

UNIROYAL
LIFT STATION
N: 17138728.8800
E: 676005.6004

PORT GRANDE SUBDIVISION
(INDUSTRIAL PARK)

EXHIBIT #1

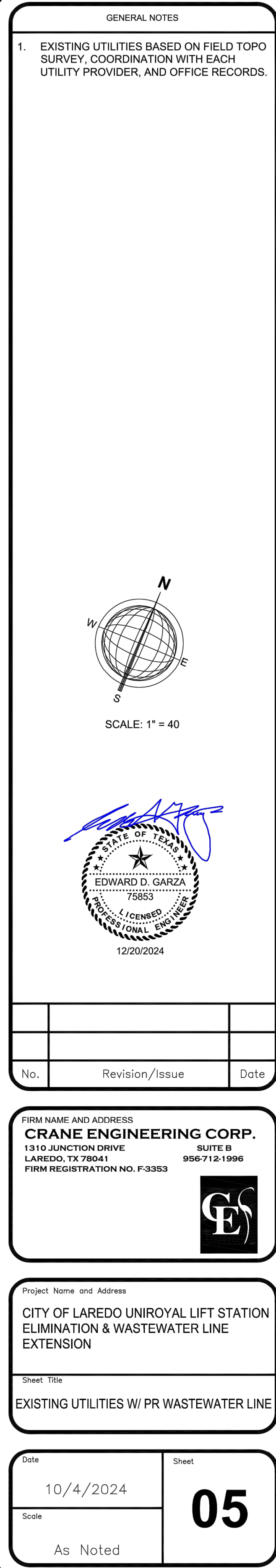
Uniroyal Lift Station Elimination

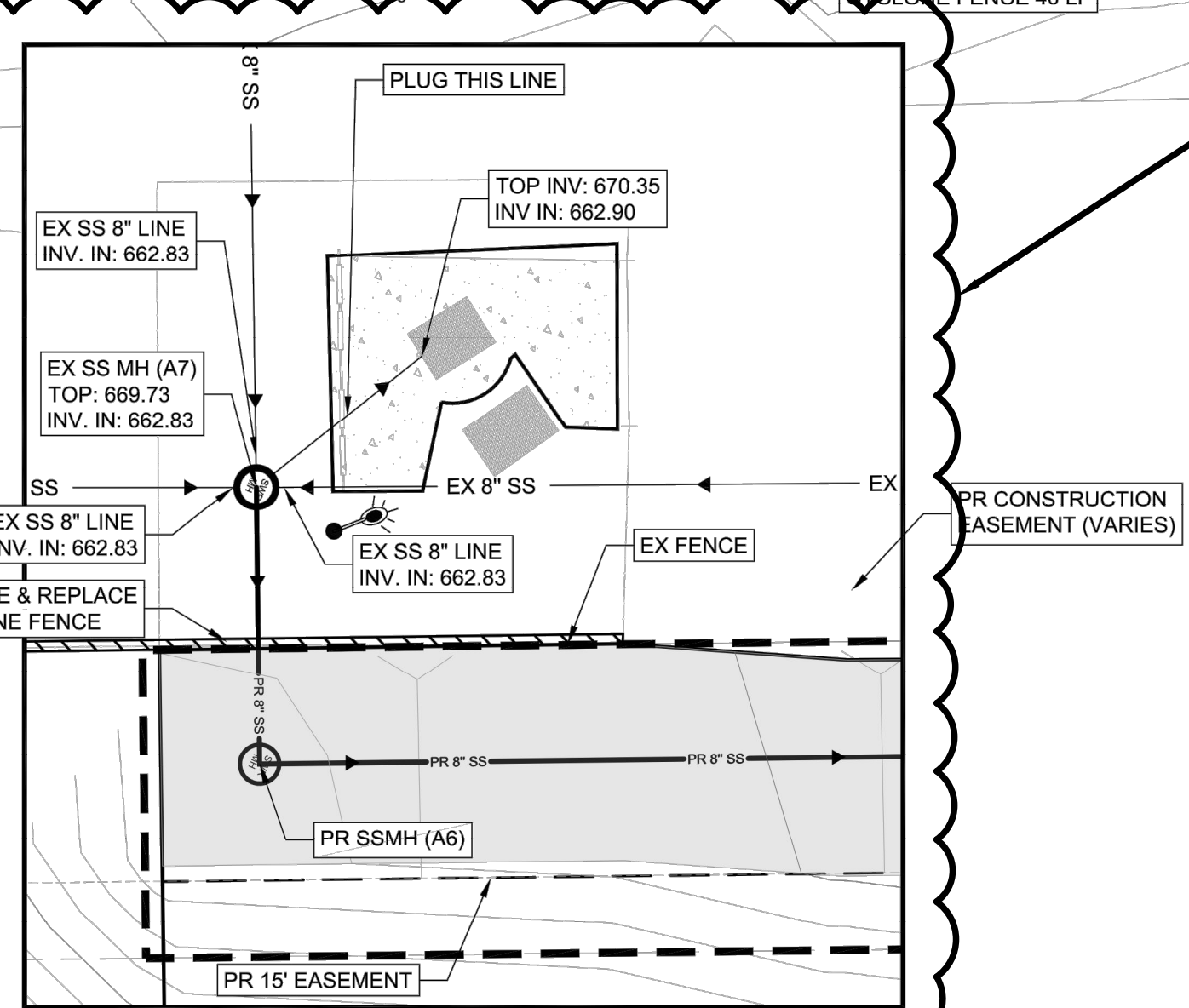
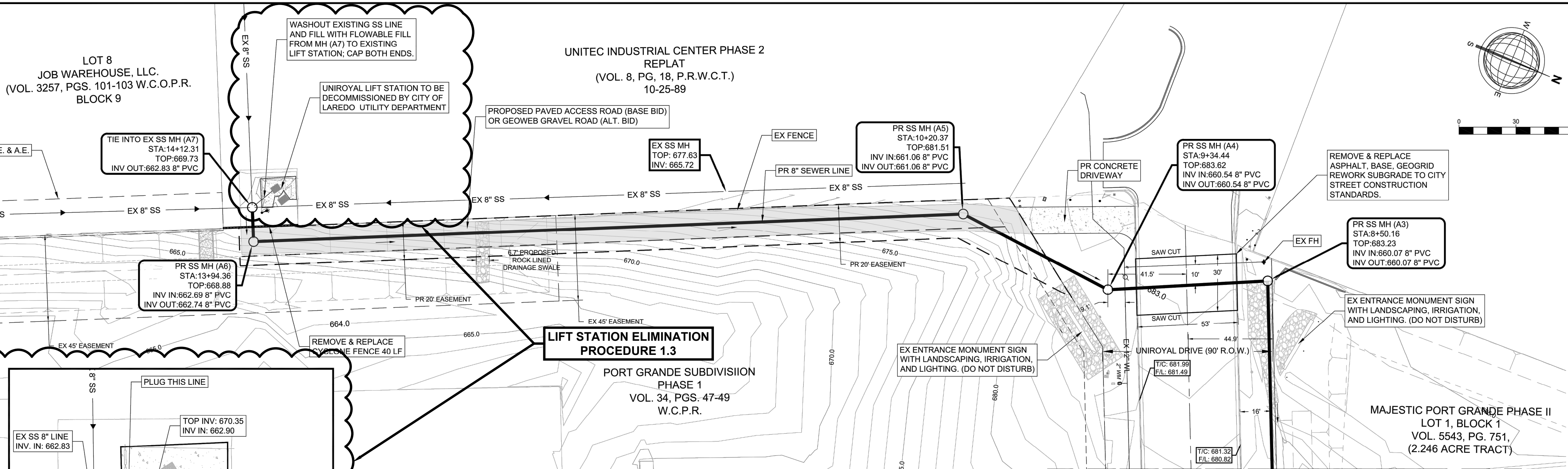
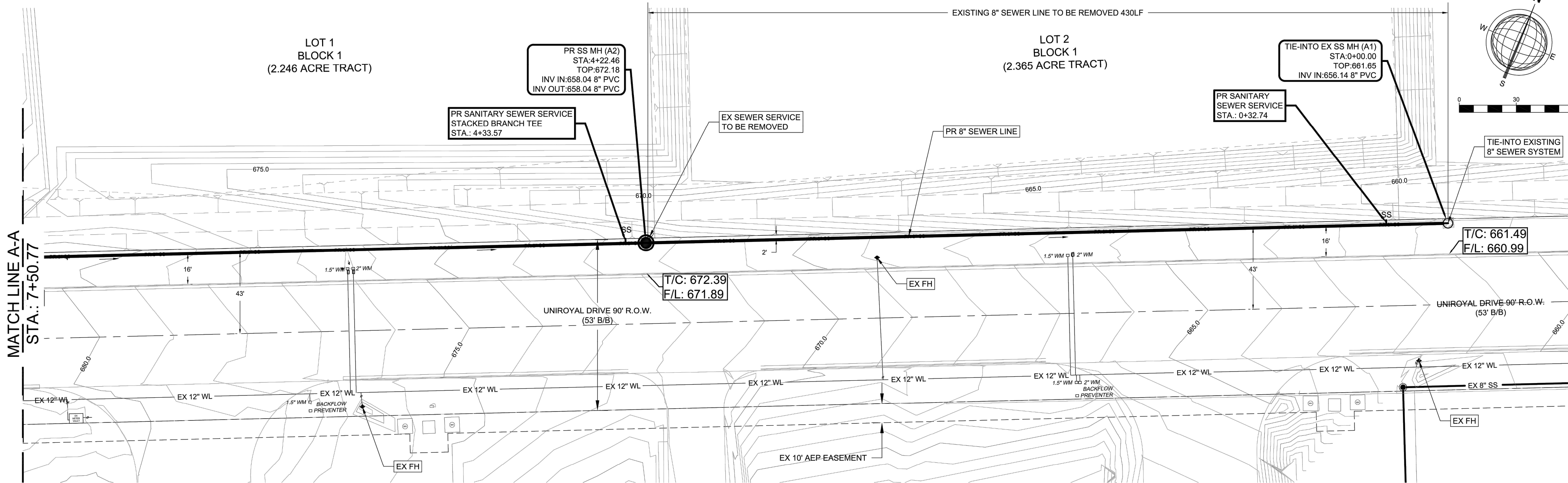
Location Map



CRANE ENGINEERING CORP.
1310 JUNCTION DRIVE
LAREDO, TX 78041
FIRM REGISTRATION NO. F-3353

SUITE B
956-712-1996





- GENERAL NOTES
- CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/ EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES) WITHIN THE PROJECT WORK AREA IN ORDER TO DEVELOP THE CONTRACTOR'S PLAN TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTORS INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
 - CONTRACTOR REQUIRED TO DISCONNECT EXISTING SEWER SERVICES FROM PROPERTY AND CONNECT NEW SERVICES. ALL SERVICE CONNECTIONS TO BE PERFORMED BY LICENSED PLUMBER REGISTERED WITH THE CITY OF LAREDO. ALL PERMITS BY CONTRACTOR. COORDINATE INSPECTIONS WITH CITY UTILITY & BUILDING DEPARTMENT. NO SEPARATE PAYMENT FOR CONNECTIONS. SUBSIDIARY TO PAYMENT ON SEWER SERVICES.
 - CONTRACTOR TO CONFIRM EXISTING FLOWLINE ELEVATIONS FOR MANHOLE A7 PRIOR TO, LAYING NEW PIPE. COORDINATE WITH ENGINEER.

STATE OF TEXAS
EDWARD D. GARZA
75853
LICENSED PROFESSIONAL ENGINEER
12/20/2024

No.	Revision/Issue	Date

FIRM NAME AND ADDRESS
CRANE ENGINEERING CORP.
1310 JUNCTION DRIVE
LAREDO, TX 78041
FIRM REGISTRATION NO. F-3353 956712-1996

Project Name and Address
CITY OF LAREDO UNIROYAL LIFT STATION ELIMINATION & WASTEWATER LINE EXTENSION

Sheet Title
WASTEWATER COLLECTION PLAN 0+00 TO 14+12.31

Date
12/16/2024

Scale
As Noted

Sheet
08

EXHIBIT #3

Photo Log of Existing Conditions 2/08/2024



EXHIBIT #4