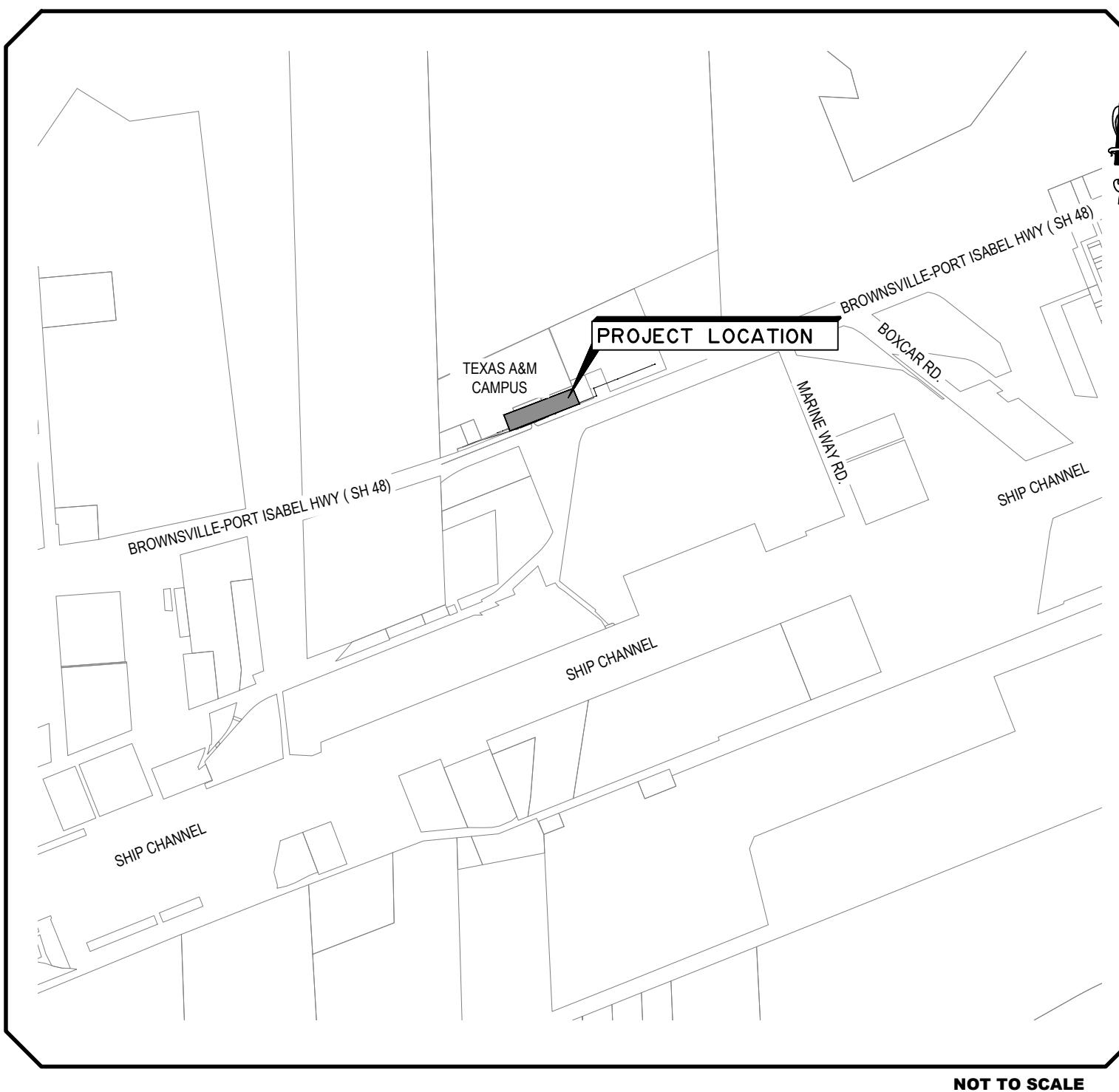


# JANUARY 2026

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**LIFT STATION SITE PLAN**  
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## LOCATION MAP



# TEXAS A&M LIFT STATION



# Port of Brownsville, Texas

# PORT OF BROWNSVILLE BOARD OF COMMISSIONERS

ESTEBAN GUERRA  
SERGIO TITO LOPEZ  
JOHN REED  
JOHN WOOD  
ERNESTO GUTIERREZ

CHAIRMAN  
VICE CHAIRMAN  
SECRETARY OF THE BOARD  
COMMISSIONER  
COMMISSIONER

**CAMERON COUNTY, TEXAS**

**TEXAS A&M LIFT STATION**

**CITY OF BROWNSVILLE, TEXAS**

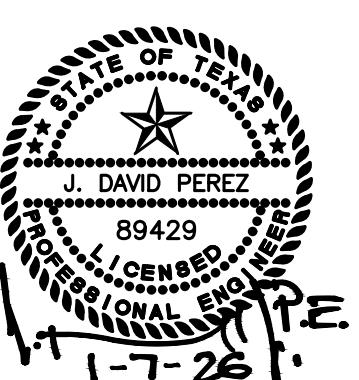
**COVER SHEET**

**SUBMITTED BY:**

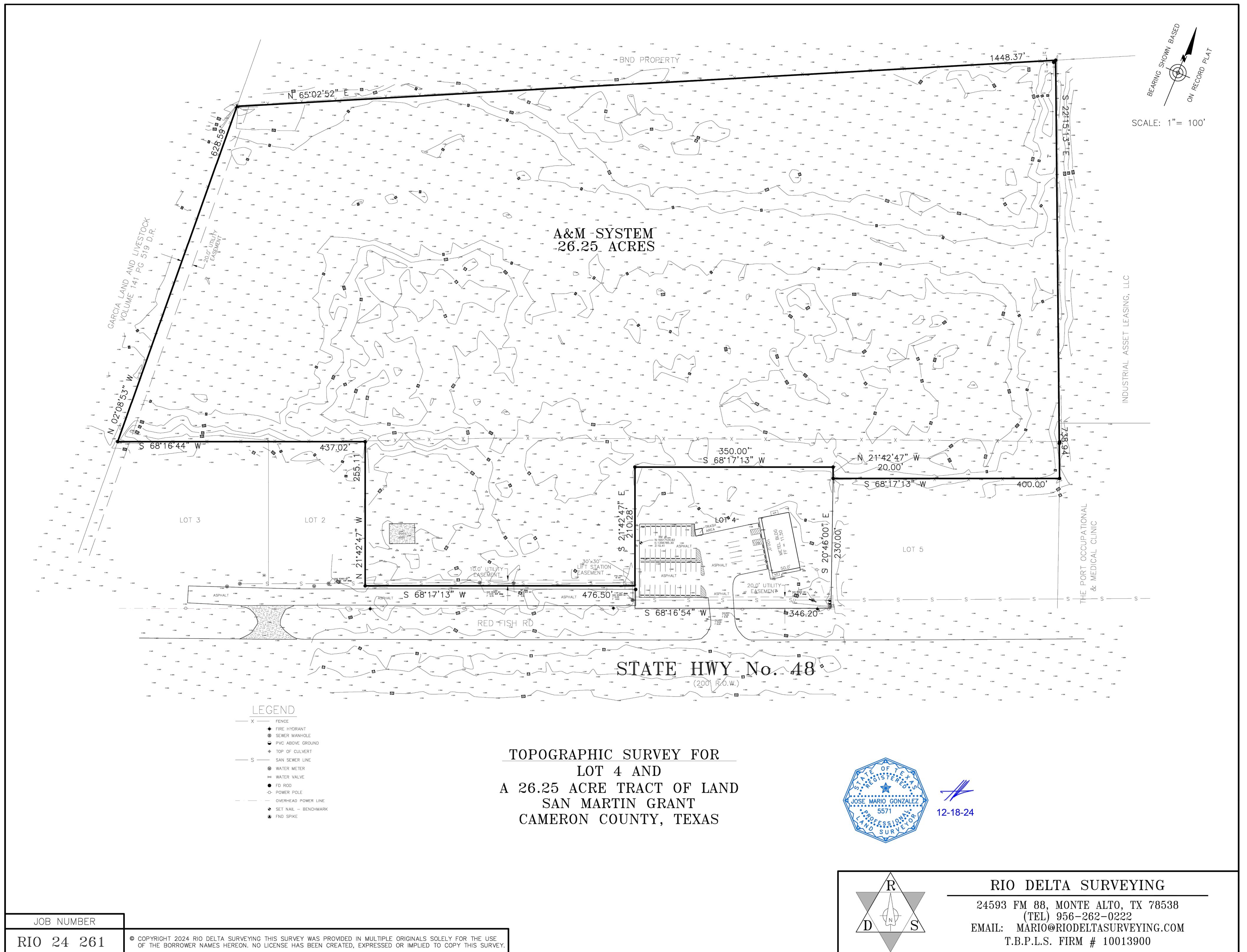
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J. DAVID PEREZ, P.E.  
LICENSED PROFESSIONAL ENGINEER

DATE:

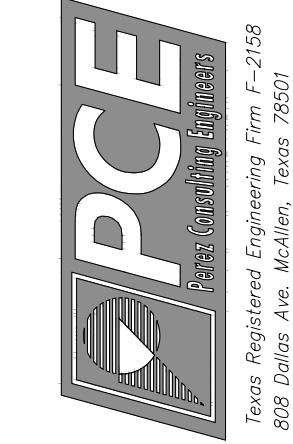


REVISION	BY	DATE	PCE JOB NO.	JOB #
00.			FILE:	FILE NAME
			DATE:	2/5/2020
			DESIGNED BY:	DESIGNED BY
			DRAWN BY:	DRAWN BY
			REVISED:	REVISED
			CHECKED BY:	CHECKED BY
VERIFY SCALE	Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.			
1				



**EXISTING SURVEY**

FOR REFERENCE ONLY



Professional Engineers  
Texas Registered Engineering Firm # 1558  
8088 Dallas, TX 75243  
(956) 631-4462 fax: (956) 632-1545

**CITY OF BROWNSVILLE, TEXAS**  
**TEXAS A&M LIFT STATION**  
**EXISTING SURVEY**

CITY OF BROWNSVILLE, TEXAS

CAMERON COUNTY, TEXAS

TEXAS A&M LIFT STATION

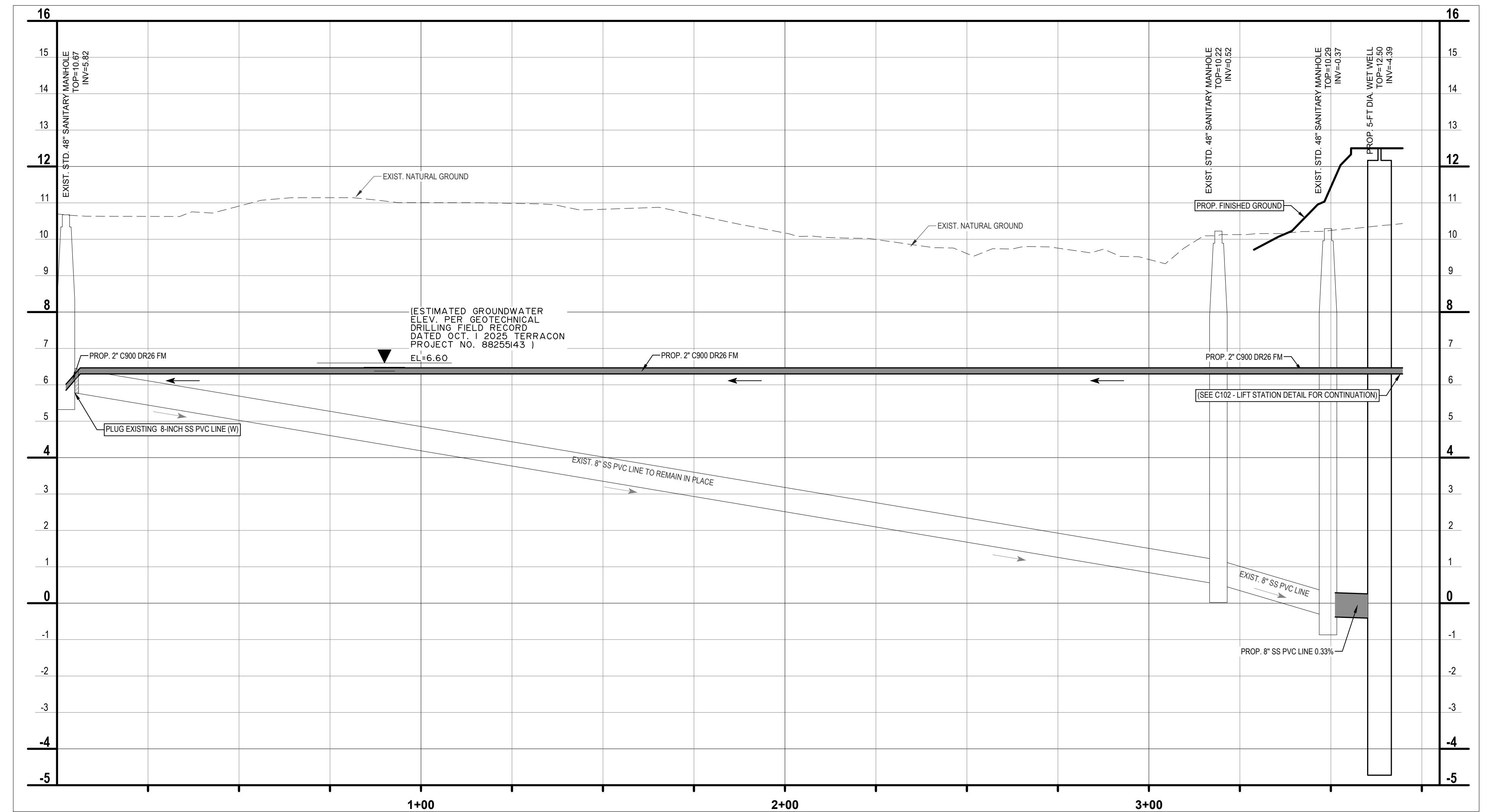
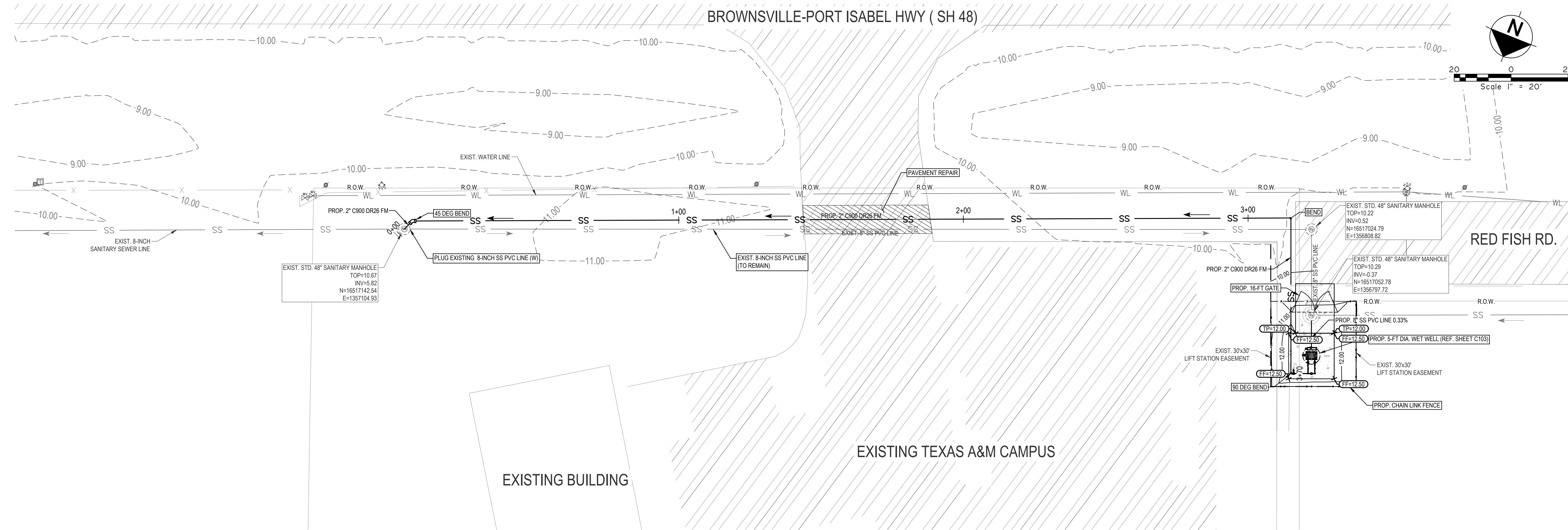
EXISTING SURVEY

0  
VERIFY SCALE  
SHEET

2







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# TEXAS A&M LIFT STATION

## CITY OF BROWNSVILLE, TEXAS

# FORCE MAIN PLAN AND P

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# TEXAS A&M LIFT STATION

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## CITY OF BROWNSVILLE, TEXAS

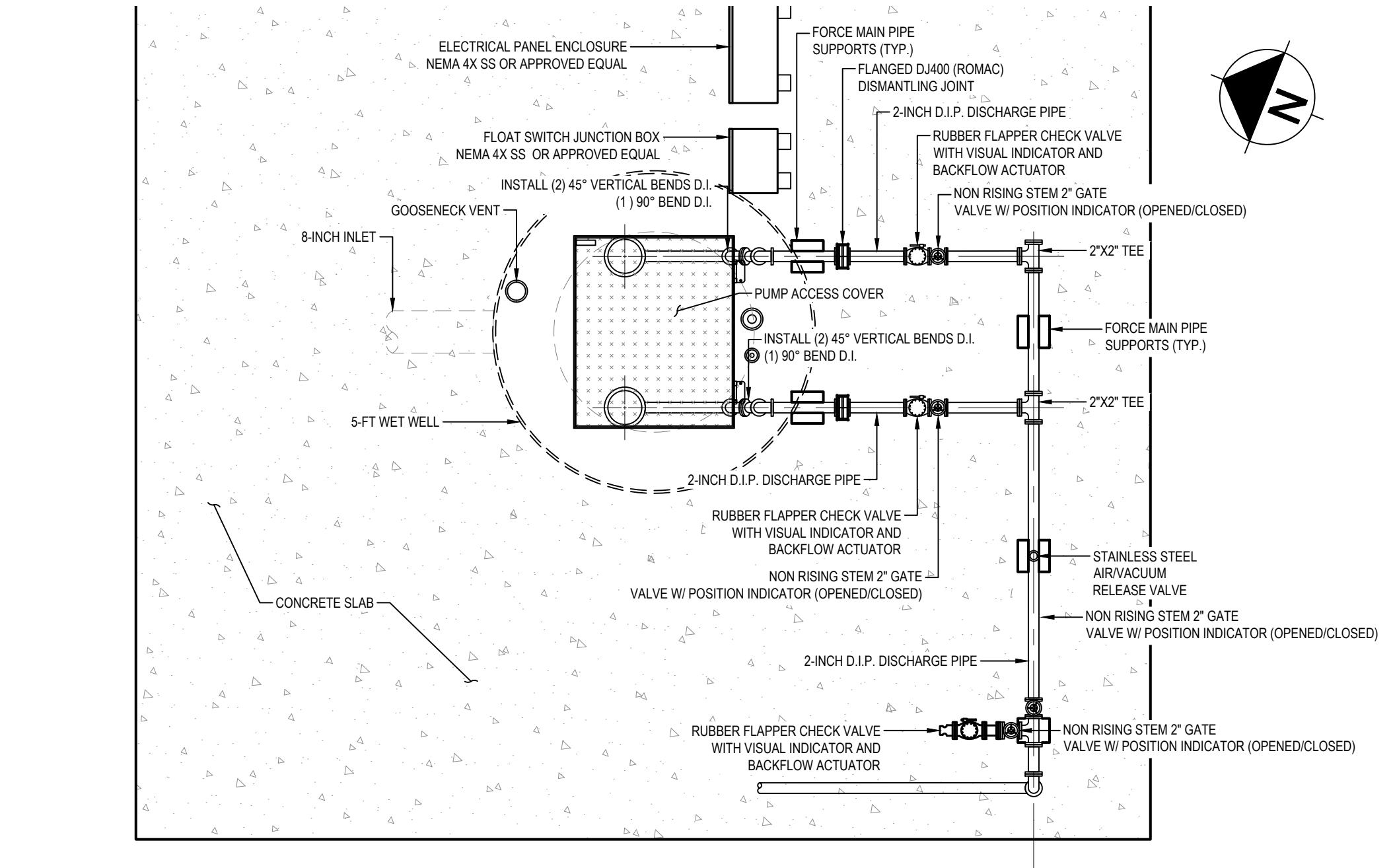
# FORCE MAIN PLAN AND PROFILE

The image shows a circular seal for a Texas professional engineer. The outer ring contains the text "STATE OF TEXAS" at the top and "PROFESSIONAL ENGINEER" at the bottom, with "P.E." in large letters on the right. The inner circle features a five-pointed star at the top, surrounded by a dotted border. Below the star, the name "J. DAVID PEREZ" is printed. In the center of the inner circle is the license number "89429". At the bottom, the date "1-7-26" is printed, with a small "f." on the far right.

FILE:	FILE NAME
DATE:	2/5/2020
DESIGNED BY:	DESIGNED BY
DRAWN BY:	DRAWN BY
REVISED:	REVISED
CHECKED BY:	CHECKED BY

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.

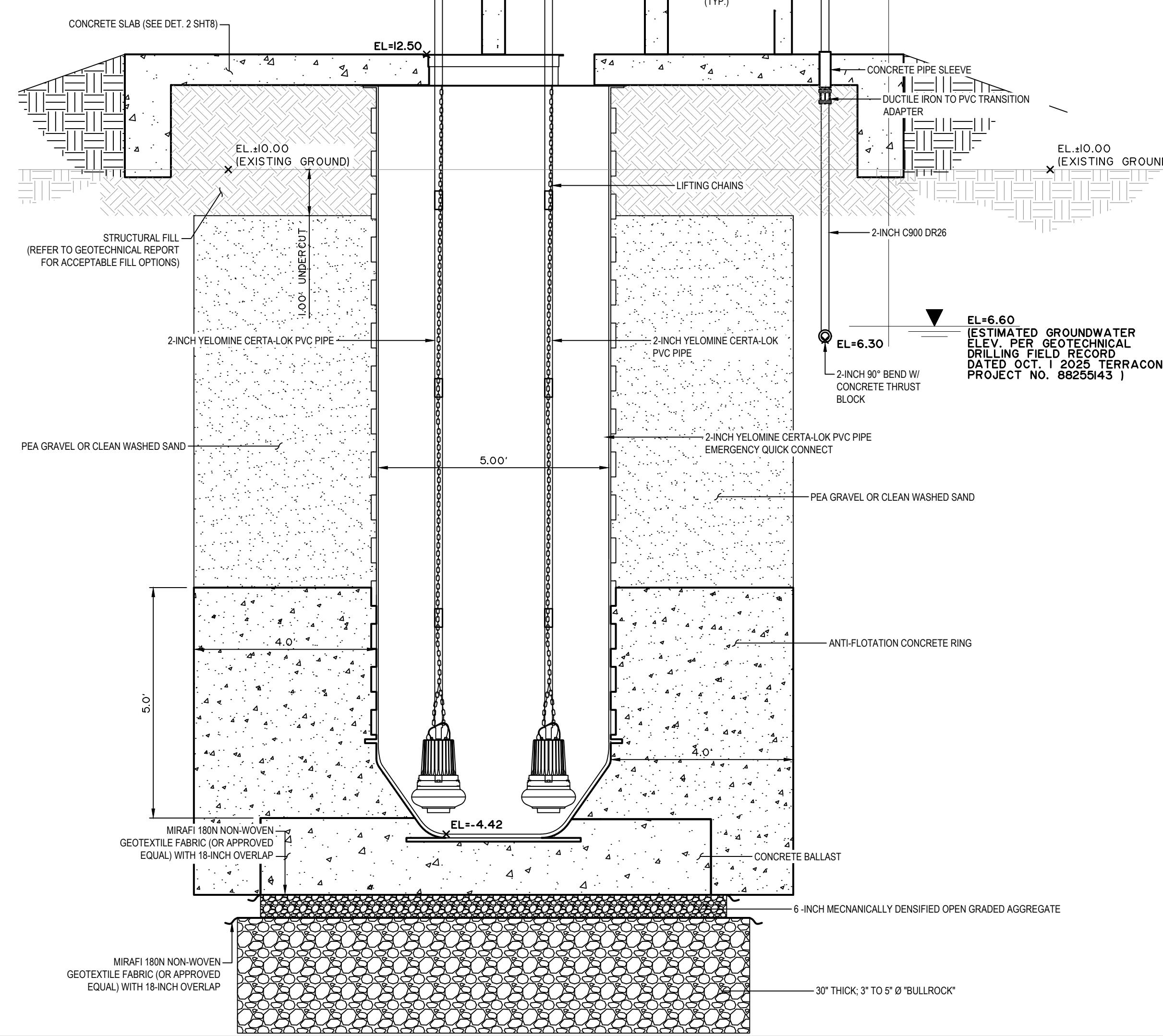
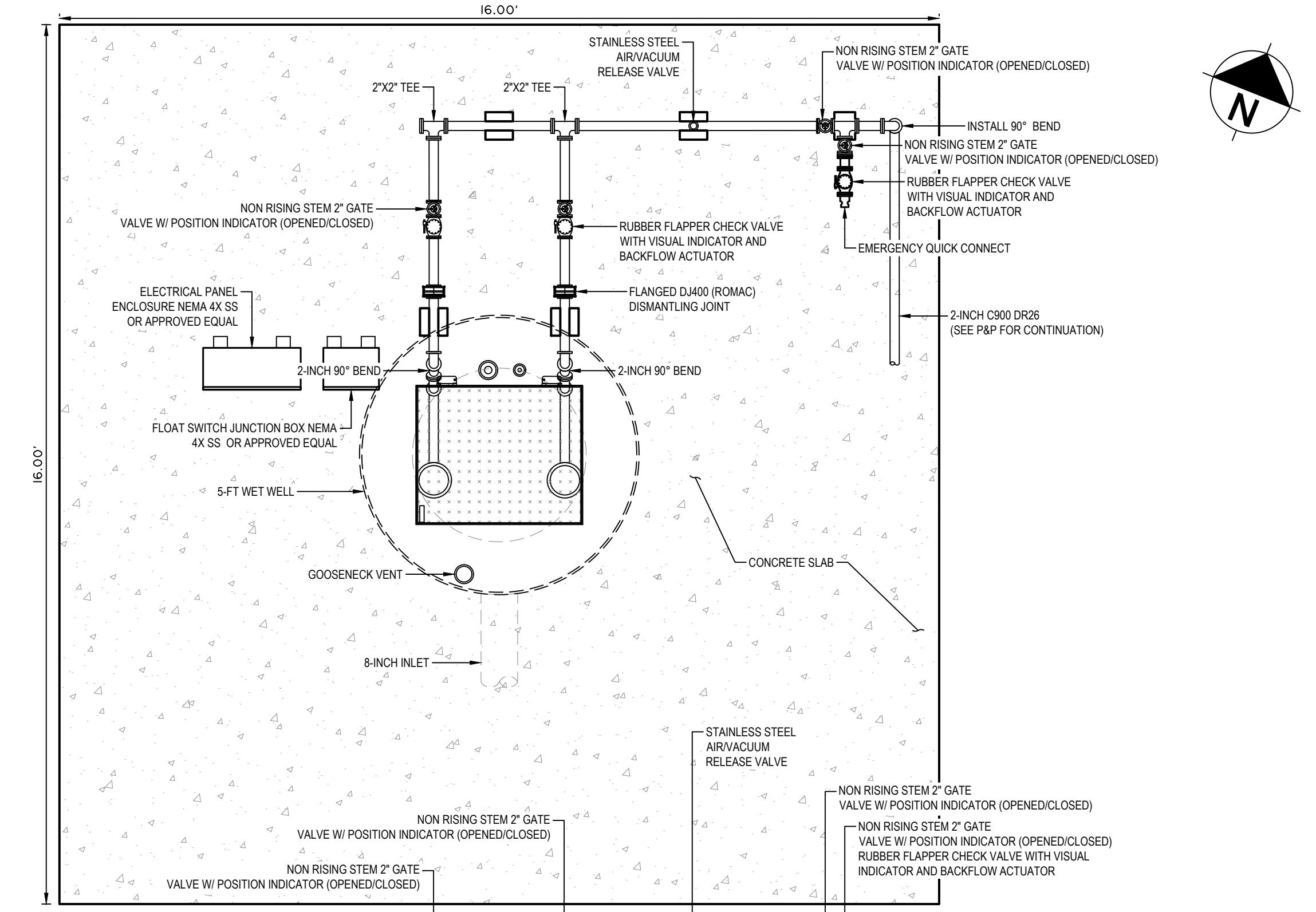
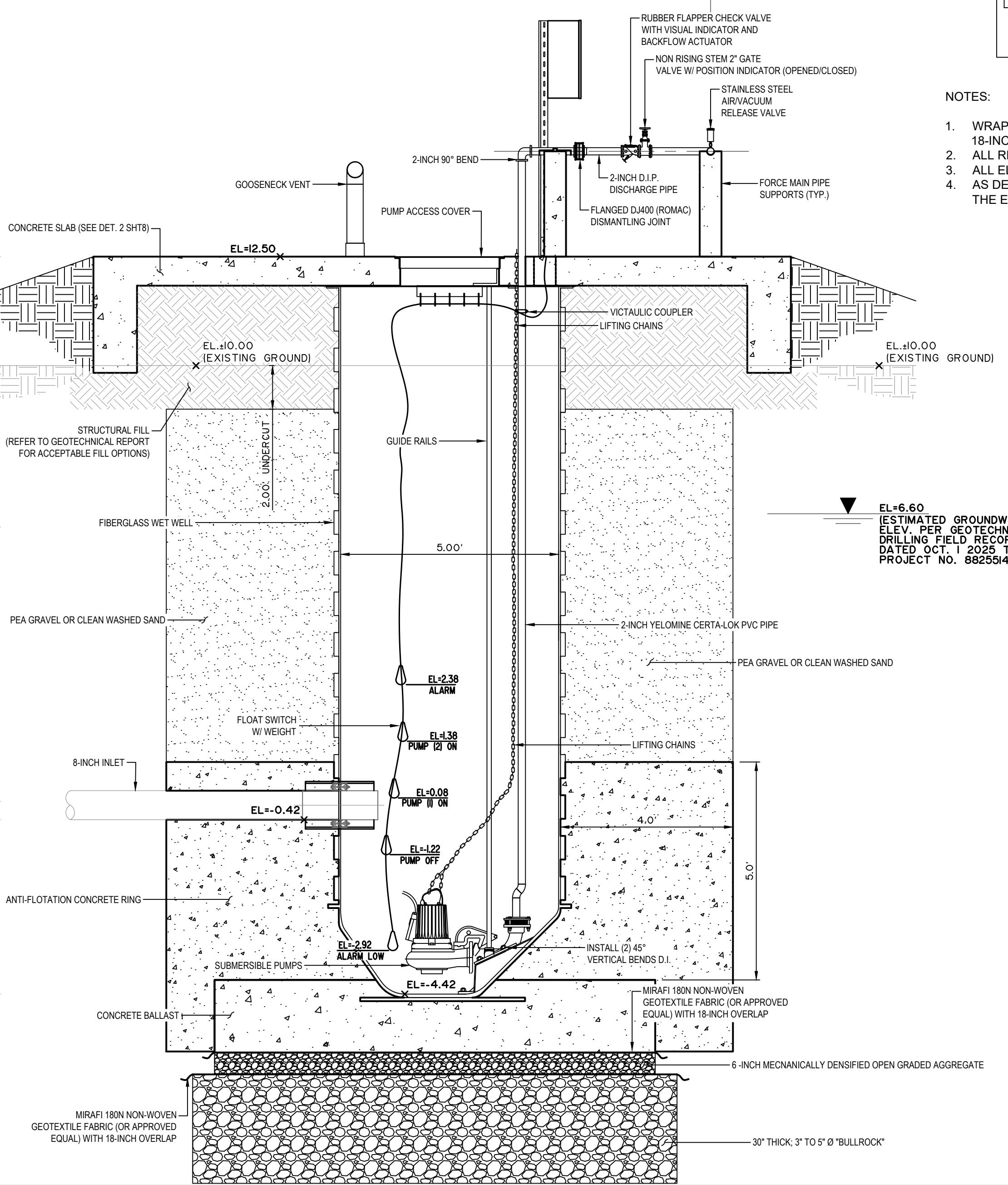
ACAd Rel 25.0s (LMS Tech) User: pce-u1  
Jan 07, 2026 11:59AM LT:1 PSLT:20 TW:0 VR:0  
H:\POB25116 - TAMU POB LIFTSTATIONDESIGN\DWG01\_P0B25116\_PP.dwg Lyt: Layout1



FLYGT MP 3069 HT 3 - 258 PACKAGE SYSTEM (OR APPROVED EQUAL)	
<b>PUMP No.1</b>	
TOTAL DYNAMIC HEAD :	47.52
PEAK FLOW :	60
AVG FLOW :	29
<b>PUMP No.2</b>	
TOTAL DYNAMIC HEAD :	47.52
PEAK FLOW :	60
AVG FLOW :	29
STATION DIAMETER :	5 FT
STATION HEIGHT :	16.92 FT
<b>PUMP DISCHARGE SIZE</b>	
MATERIAL :	PVC
<b>INTERNAL VALVES</b>	
CHECK VALVE :	HDL BALL CHECK
ISOLATION VALVE :	VAL-MATIC PLUG
<b>VENT</b>	
4" CANDY-CANE STYLE	
INLET INVERT ELEV. :	-0.42 FT
WET WELL INVERT ELEV. :	-4.42 FT
DISCHARGE INVERT ELEV. :	6.3 FT
WET WELL TOP ELEV. :	12.5 FT

NOTES:

1. WRAP FILTER FABRIC ALL AROUND AGGREGATE AND OVERLAP 18-INCHES MINIMUM.
2. ALL REINFORCED CONCRETE ENDS ARE TO BE CHAMFERED
3. ALL ELECTRICAL ENCLOSURES ARE TO BE STAINLESS STEEL.
4. AS DELEGATED DESIGN, THE CONTRACTOR IS RESPONSIBLE FOR THE ELECTRICAL PUMP CONTROL PANEL AND DESIGN.

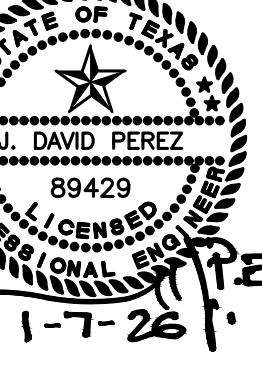


CAMERON COUNTY, TEXAS

CITY OF BROWNSVILLE, TEXAS

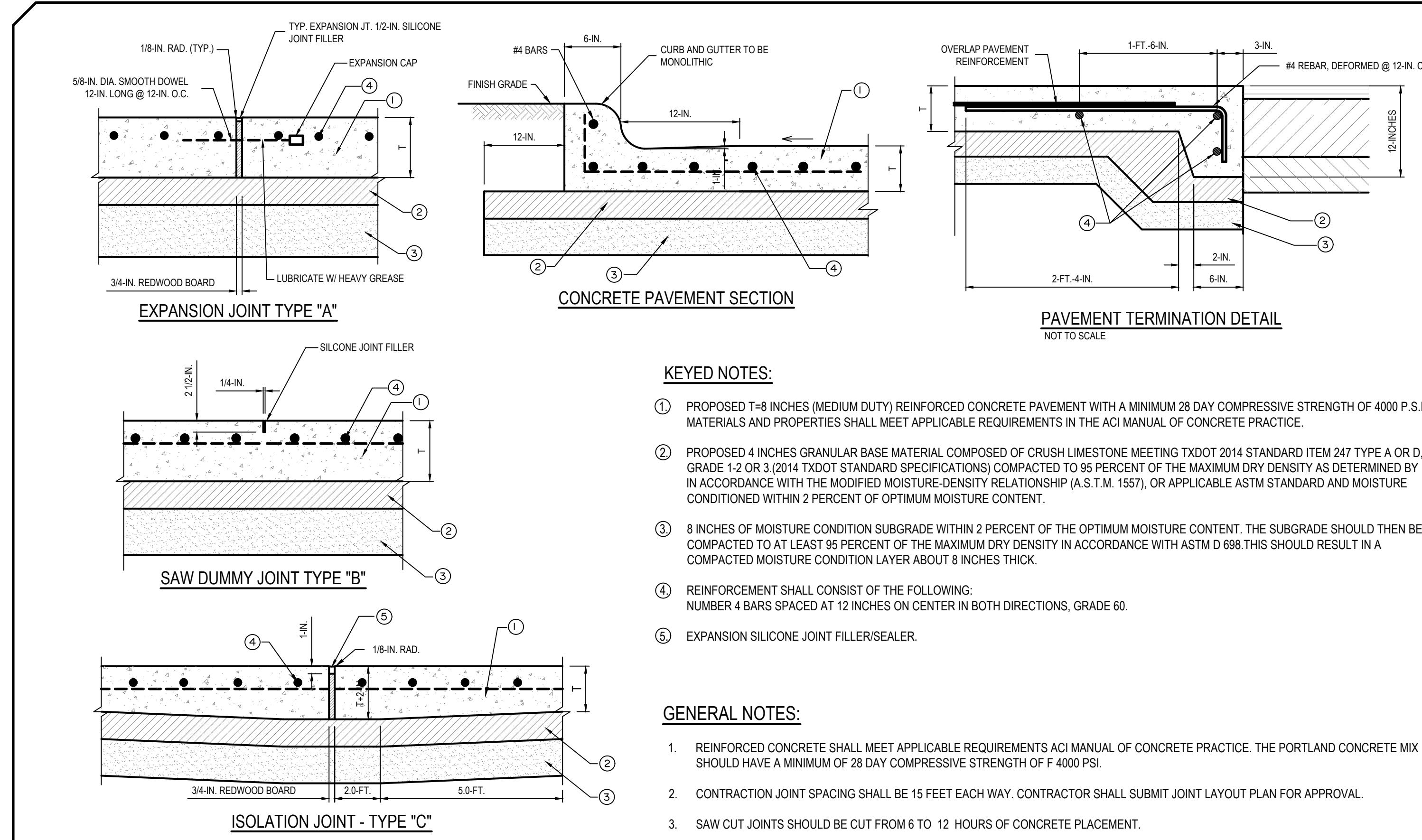
TEXAS A&M LIFT STATION

LIFT STATION DETAILS



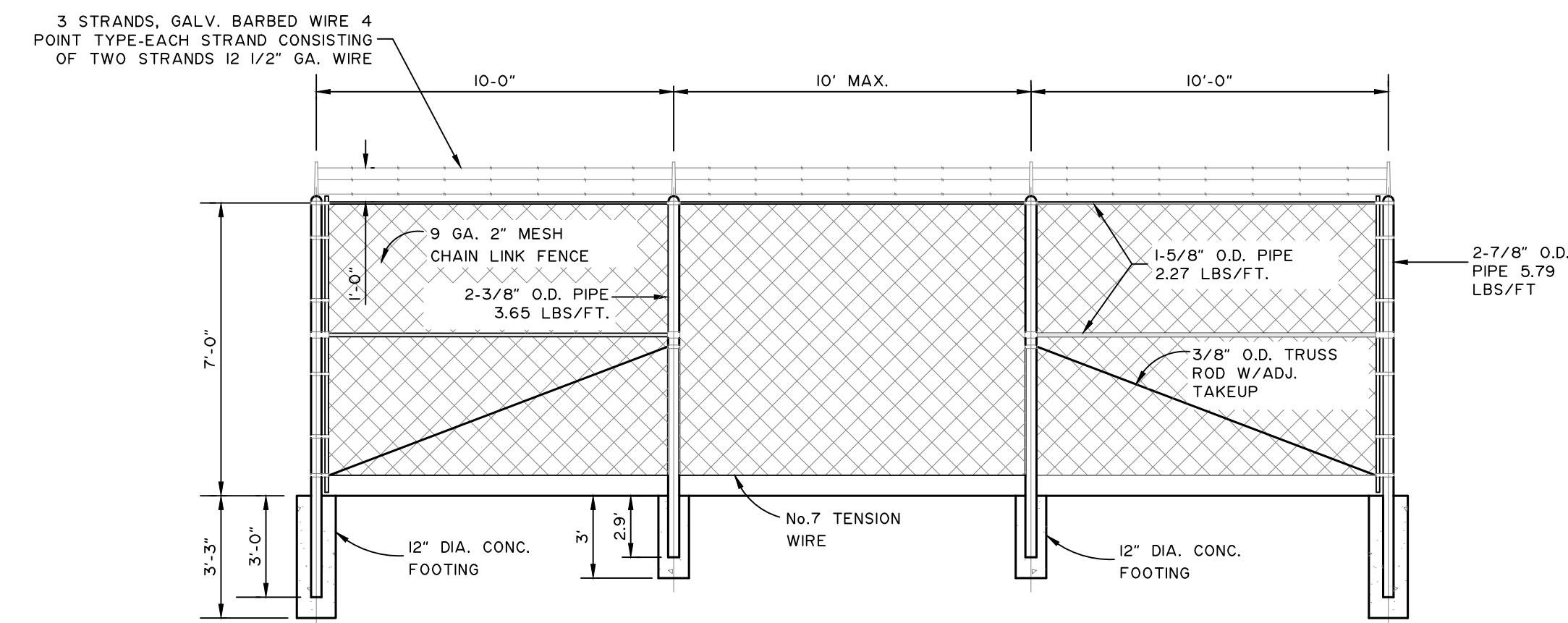
PCE  
Engineering

State Registered Engineering Firm L-1558  
808 South 10th Street, Suite 800  
(405) 631-4462 fax: (405) 632-1545



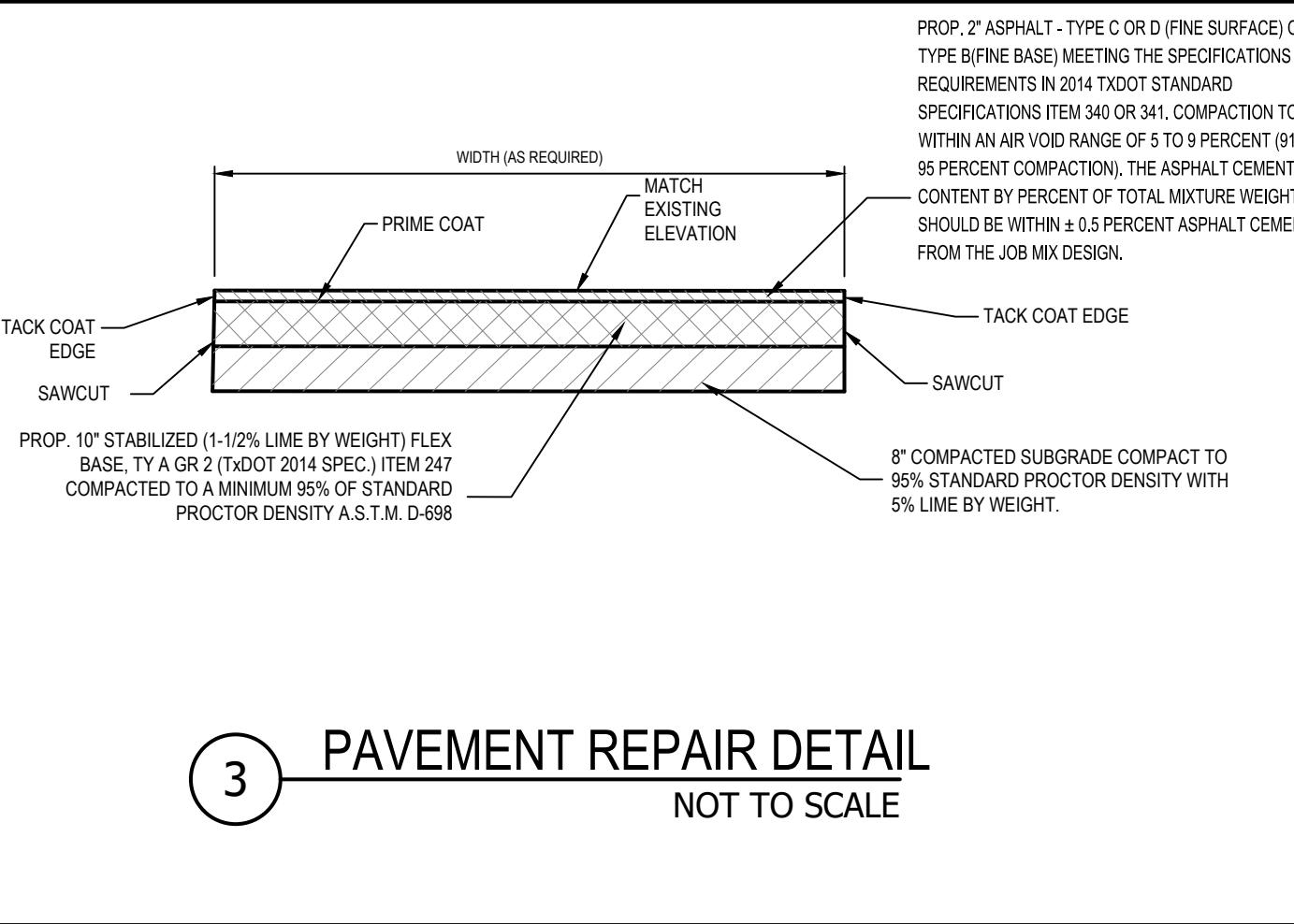
1 TYPICAL REINFORCED CONCRETE PAVEMENT SECTION & JOINT DETAILS

NOT TO SCALE



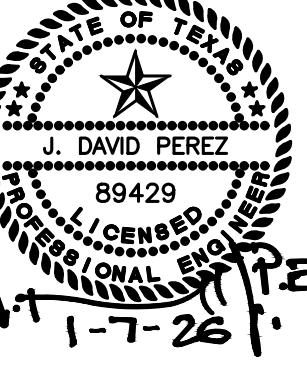
2 TYPICAL SECURITY CHAIN-LINK FENCE DETAIL

NOT TO SCALE



3 PAVEMENT REPAIR DETAIL

NOT TO SCALE



Texas Registered Engineering Firm # 1558

808 South 4th Street, Austin, Texas 78701

(512) 462-4462 fax: (512) 462-1545

CAMERON COUNTY, TEXAS  
TYPICAL DETAILS

CITY OF BROWNSVILLE, TEXAS

TYPICAL SECURITY CHAIN-LINK FENCE DETAIL

0 VERIF. SCALE Bar or one inch on original drawing, if  
not one inch on this sheet, adjust scale.

