

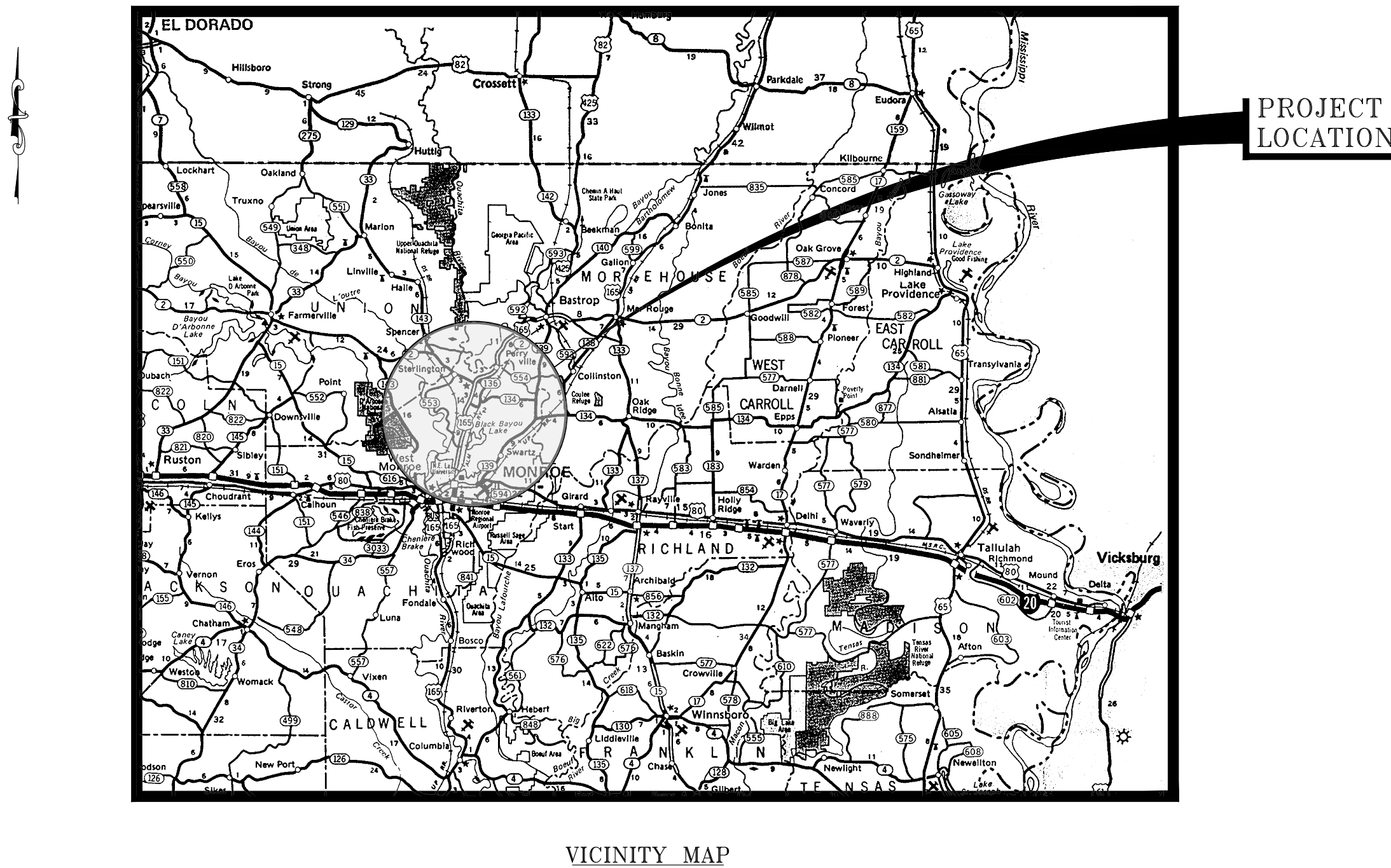
TOWN OF STERLINGTON OUACHITA PARISH, LOUISIANA

RELOCATION OF MARION STATE BANK SEWER LIFT STATION

MAYOR
MATT TALBERT

CITY COUNCIL
ZACK HOWSE
ERICA GROSS
BILLY WAYNE CLARKSON
CHARLES HODNETT
ASHTON COURSON

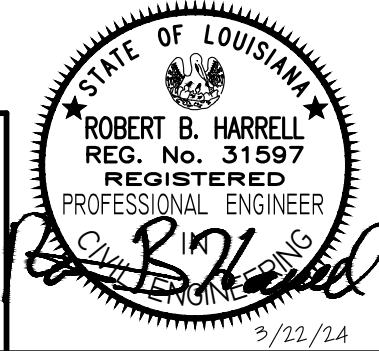
CLERK
NATALIE PENROSE



DATE: SEPTEMBER, 2023
VOLKERT PROJECT NO. 1146803

DRAWING INDEX	
DRAWING NO.	DESCRIPTION
1	TITLE SHEET
2	LOCATION MAP
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TITLE SHEET
MARION STATE BANK LIFT STATION IMP.

DESIGNED	CHECKED	DATE	BY

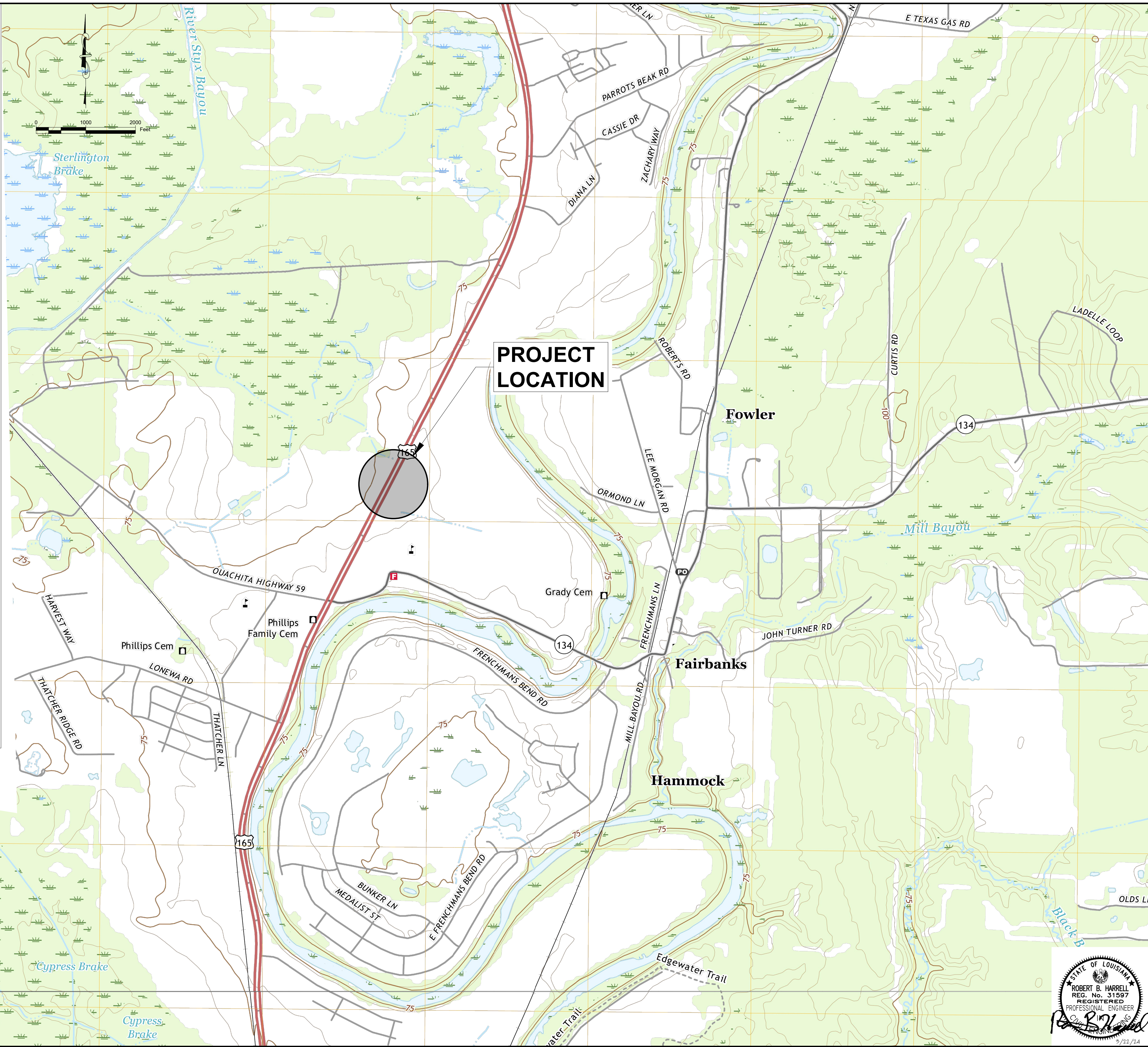
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PARISH	PROJECT	DATE	BY
OUACHITA	TOWN OF STERLINGTON	11-46803	

SHEET NUMBER	1
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GENERAL NOTES

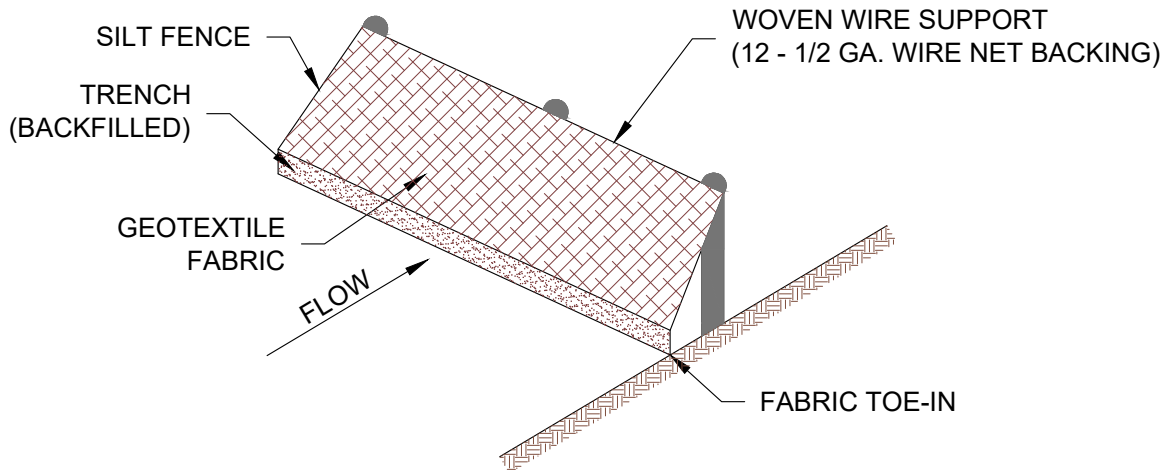
1. GENERAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE, BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES.
2. GENERAL CONTRACTOR SHALL COOPERATE AND WORK WITH ALL OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO ENSURE PROPER AND TIMELY COMPLETION OF THE PROJECT.
3. THE GENERAL CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL LOCAL EROSION, CONSERVATION AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND ESTABLISH A STAND OF GRASS SUFFICIENT TO PREVENT EROSION.
4. GENERAL CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLERING OR BY OTHER METHODS AS APPROVED BY ENGINEER AND/OR OWNER'S REPRESENTATIVE, AT NO ADDITIONAL COST TO OWNER.
5. GENERAL CONTRACTOR TO COMPLY WITH ALL STATE AND LOCAL SEDIMENT CONTROL AND AIR POLLUTION ORDINANCES OR RULES.
6. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CONSTRUCTION ACTIVITY.
7. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.
8. BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK THE ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF THE PROJECT. LACK OF PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRADES HAVE BEEN PLACED TO THE OWNER'S SATISFACTION.
9. TEMPORARY EROSION CONTROL DEVICES TO BE INSTALLED PRIOR TO BEGINNING OF GRADING. CONTRACTOR SHALL MAINTAIN ALL TEMPORARY EROSION CONTROL DEVICES AND SHALL REMOVE SILT FROM BERM DITCHES, SILT DAMS AND SILT FENCES AND DOWNSTREAM DRAINAGE FACILITIES AS NEEDED.
10. IT IS THE INTENT OF THIS PROJECT FOR THE CONTRACTOR TO VERIFY AND MATCH EXISTING CONDITIONS UNLESS NOTED OTHERWISE. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY ITEMS THAT DO NOT EXIST AS SHOWN.
11. CONTRACTOR SHALL REPAIR OR REPLACE IN-KIND ANY DAMAGE THAT OCCURS AS A RESULT OF HIS/HER WORK.
12. FOR ANY WORK REQUIRED WITHIN A STATE, PARISH OR CITY RIGHT-OF-WAY, THE CONTRACTOR SHALL:
 - A. NOT STORE MATERIAL EXCESS DIRT OR EQUIPMENT ON THE SHOULDERS OR PAVEMENT IN CASE OF MULTI-LANE HIGHWAYS, IN THE MEDIAN STRIPS. THE PAVEMENT SHALL BE KEPT FREE FROM ANY MUD OR EXCAVATION WASTE FROM TRUCKS OR OTHER EQUIPMENT. ON COMPLETION OF THE WORK, ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE RIGHT-OF-WAY.
 - B. PROVIDE ALL NECESSARY AND ADEQUATE SAFETY PRECAUTIONS SUCH AS SIGNS, FLAGS, LIGHTS, BARRICADES AND FLAGMEN AS REQUIRED BY LOCAL AUTHORITIES AND IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HOLD HARMLESS THE QUACHITA PARISH POLICE JURY, THE TOWN OF STERLINGTON, THE PARISH OF QUACHITA, THE STATE OF LOUISIANA, THE ARCHITECT/ENGINEER AND THE OWNER FROM ANY CLAIMS FOR DAMAGE DONE TO EXISTING PRIVATE PROPERTY, PUBLIC UTILITIES OR TO THE TRAVELING PUBLIC.
 - C. COMPLETE THE WORK TO THE SATISFACTION OF THE ENTITY HAVING JURISDICTION AND OBTAIN A LETTER FROM SAID ENTITY STATING THAT THE WORK IS ACCEPTABLE.
 - D. OBTAIN NECESSARY PERMITS AND POST NECESSARY BONDS AS REQUIRED BY THE ENTITY HAVING JURISDICTION.
13. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE PROJECT AREA PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE PROJECT ENGINEER IF ACTUAL FIELD CONDITIONS VARY FROM THOSE INDICATED ON THE PLANS, OR, IF UTILITIES CONFLICT WITH THE PROPOSED CONSTRUCTION.
14. THE CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES THROUGH ALL DRAINAGE STRUCTURES, CULVERTS, DITCHES, WATER COURSES, ETC., AFFECTED BY THE CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL RESTORE ALL SUCH DRAINAGE STRUCTURES, CULVERTS, DITCHES, ETC., TO THEIR ORIGINAL CONDITION AND SHALL ENSURE THAT THE COMPLETED PROJECT SITE PROVIDES POSITIVE DRAINAGE.
15. ALL PIPING SHALL BE INSTALLED USING PROPER PIPING PROCEDURES.
16. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SEED (WITH GRASS SEED), FERTILIZE AND COVER WITH STRAW OR HAY, AS NECESSARY TO MAINTAIN A STABLE SEED BED, ALL UNPAVED AND UNSURFACED AREAS DISTURBED BY THE CONSTRUCTION ACTIVITY (NO DIRECT PAY).
17. THE CONTRACTOR SHALL RESTORE TO THEIR ORIGINAL CONDITION ANY PERSONAL OR PUBLIC PROPERTY DISTURBED OR DAMAGED BY THE CONSTRUCTION ACTIVITY.
18. BEFORE STARTING CONSTRUCTION, CONTRACTOR SHALL CONTACT DOTTIE, LOUISIANA ONE CALL, 811, FOR CONFIRMATION AND LOCATION OF EXISTING UTILITIES.

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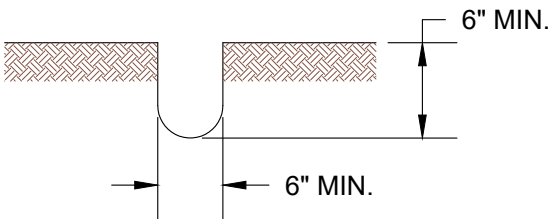
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SILT FENCE ISOMETRIC



TRENCH CROSS-SECTION

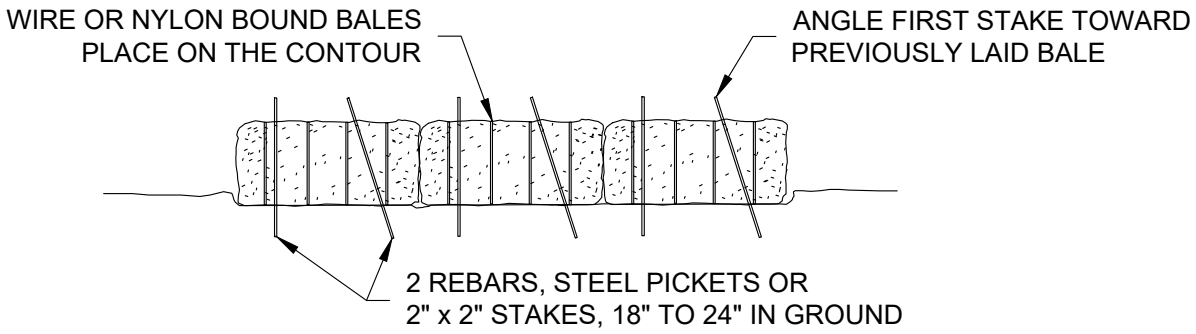
GENERAL NOTES:

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE (1) FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED-IN WITH A SPADE OR MECHANICAL TRENCHER SO THAT THE DOWN SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CAN NOT BE TRENCHED-IN (E.G. PAVEMENT) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF SIX (6) INCHES DEEP AND SIX (6) INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POSTS OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF SIX (6) INCHES. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND SUCH A MANNER AS NOT TO CONTRIBUTE TO ADDITIONAL SILTRATION.

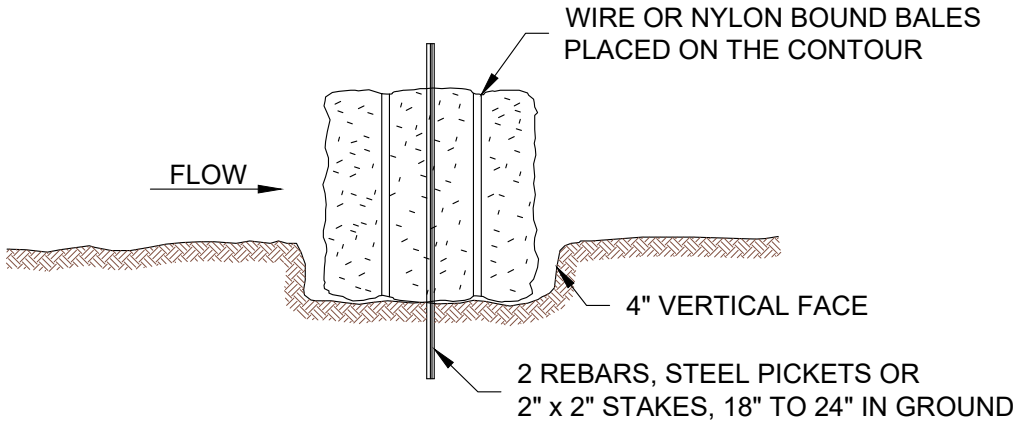
SILT FENCING DETAILS

SPECIAL ATTENTION NOTES:

1. THE INSTALLATION, MAINTENANCE AND FINAL REMOVAL OF ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE PERFORMED BY THE CONTRACTOR.



ANCHORING DETAIL - ELEVATION



EMBEDDING DETAIL - SECTION

GENERAL NOTES:

1. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF FOUR (4) INCHES.
2. BALES SHALL BE SECURELY ANCHORED IN-PLACE BY 3/8 INCH REBAR STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
3. INSPECTION SHALL BE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
4. WHEN SILT REACHES A DEPTH OF SIX (6) INCHES IT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED SITE AS TO NOT CREATE A SILTRATION PROBLEM.
5. AFTER THE DEVELOPMENT SITE IS COMPLETELY STABILIZED, THE BALE AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED SPOIL DISPOSAL SITE.

HAY BALE DIKE DETAILS

STORMWATER POLLUTION PREVENTION PLAN

GENERAL INFORMATION
PROJECT DESCRIPTION
PROPOSED NEW LARGER WET WELL FOR MARION STATE BANK LIFT STATION (STERLINGTON BRANCH)
OUACHITA PARISH, LOUISIANA
SECTION: 40 - T19N, R4E

OWNER
TOWN OF STERLINGTON
503 LA HWY. 2
STERLINGTON, LA 71280

CONSTRUCTION TYPE
SEWER FORCE MAIN

SOIL DISTURBANCE AND CHARACTERISTICS:
DISTURBED AREA: APPROX. 0.05 ACRES (+/-50'x50' AREA)
PRE-CONSTRUCTION RUNOFF COEFFICIENT: 0.45
FINAL RUN-OFF COEFFICIENT: 0.45
RECEIVING WATERS: LOCAL DRAINAGE SYSTEM TO UN-NAMED DITCH TO LONEWA BAYOU

SEQUENCE OF MAJOR DISTURBING ACTIVITIES

PHASE I - CLEAR SITE

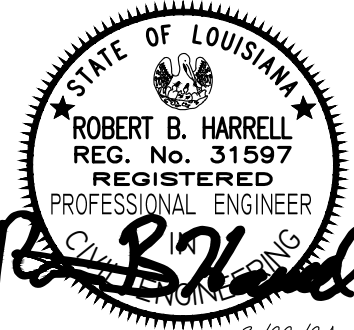
1. ESTABLISH SILT CONTROL AT SITE DISCHARGE POINTS.
2. INSTALL TEMPORARY EROSION CONTROL.
3. STABILIZE CONSTRUCTION ENTRANCE.

PHASE 2 - ESTABLISH SITE GRADE

1. PLACE SILT FENCING PRIOR TO CUT AND FILL OPERATIONS.
2. ESTABLISH GROUND COVER AFTER CUT AND FILL OPERATIONS.
3. PLACE STRAW BALES AT CATCH BASINS, PIPE INLETS AND NEWLY FORMED DITCHES.
4. MONITOR SEDIMENT BUILD-UP AND DISPOSE OF REGULARLY AND PROPERLY AS SPECIFIED.

PHASE 3 - FINAL CONSTRUCTION AND PROTECTION REMOVAL

1. MULCH, SEED AND FERTILIZE AS REQUIRED BY SPECIFICATIONS.
2. MAINTAIN ALL CONTROLS UNTIL PERMANENT GROUND COVER AND PAVING ARE ESTABLISHED.
3. RE-VEGETATE AREAS DISTURBED BY CONTROL STRUCTURES.

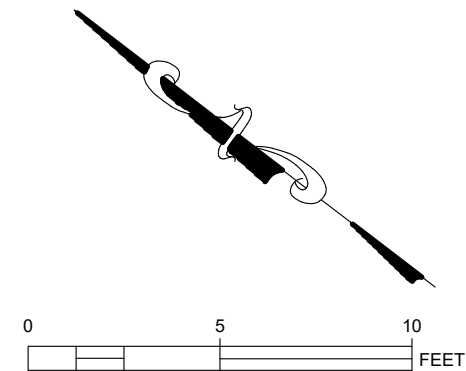


Volkert

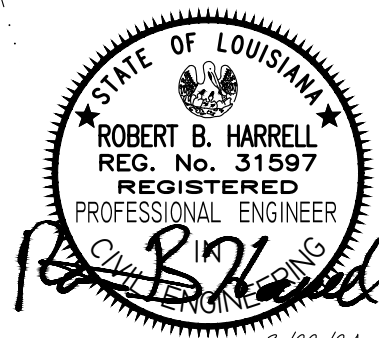
MONROE, LA 71203
(504) 388-1499

2/22/24

SHEET NUMBER	3
OUACHITA	TOWN OF STERLINGTON
PARISH	PARISH PROJECT
VOICERT	PROJECT
1146803	
DESIGNED	RBH
CHECKED	CWP
DETAILED	KLM
CHECKED	RBH
DATE	SEPTEMBER, 2023
DWG NAME	SWPP-01
BY	
DATE	
NO.	
REVISION DESCRIPTION	
STORMWATER POLLUTION PREVENTION PLAN	
MARION STATE BANK LIFT STATION IMP.	



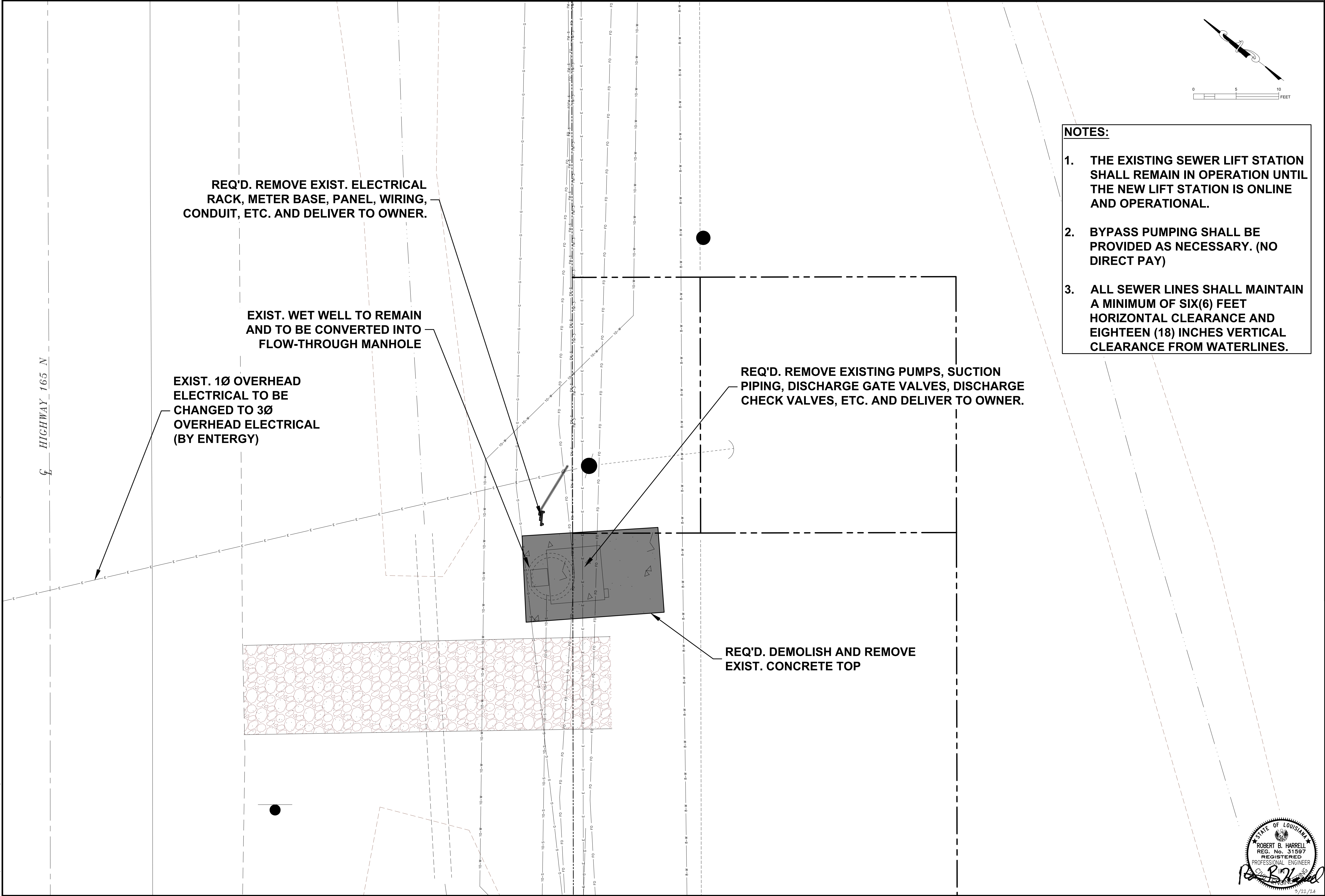
VOLKERT MONROE, LA 71203 (504) 388-1422 EXISTING SITE PLAN MARION STATE BANK LIFT STATION IMP.										DESIGNED CHECKED DETAILED CHECKED KLM CHECKED RBH CMP RBH PROJECT		PARISH OUIACHITA PARISH TOWN OF STERLINGTON		DATE SEPTEMBER, 2023 VOLKERT PROJECT		DATE BY 		REVISION DESCRIPTION 		NO. DATE 		1146803 SITE-01 		SHEET NUMBER 4	
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VOLKERT

MONROE, LA 71203
(318) 388-1422

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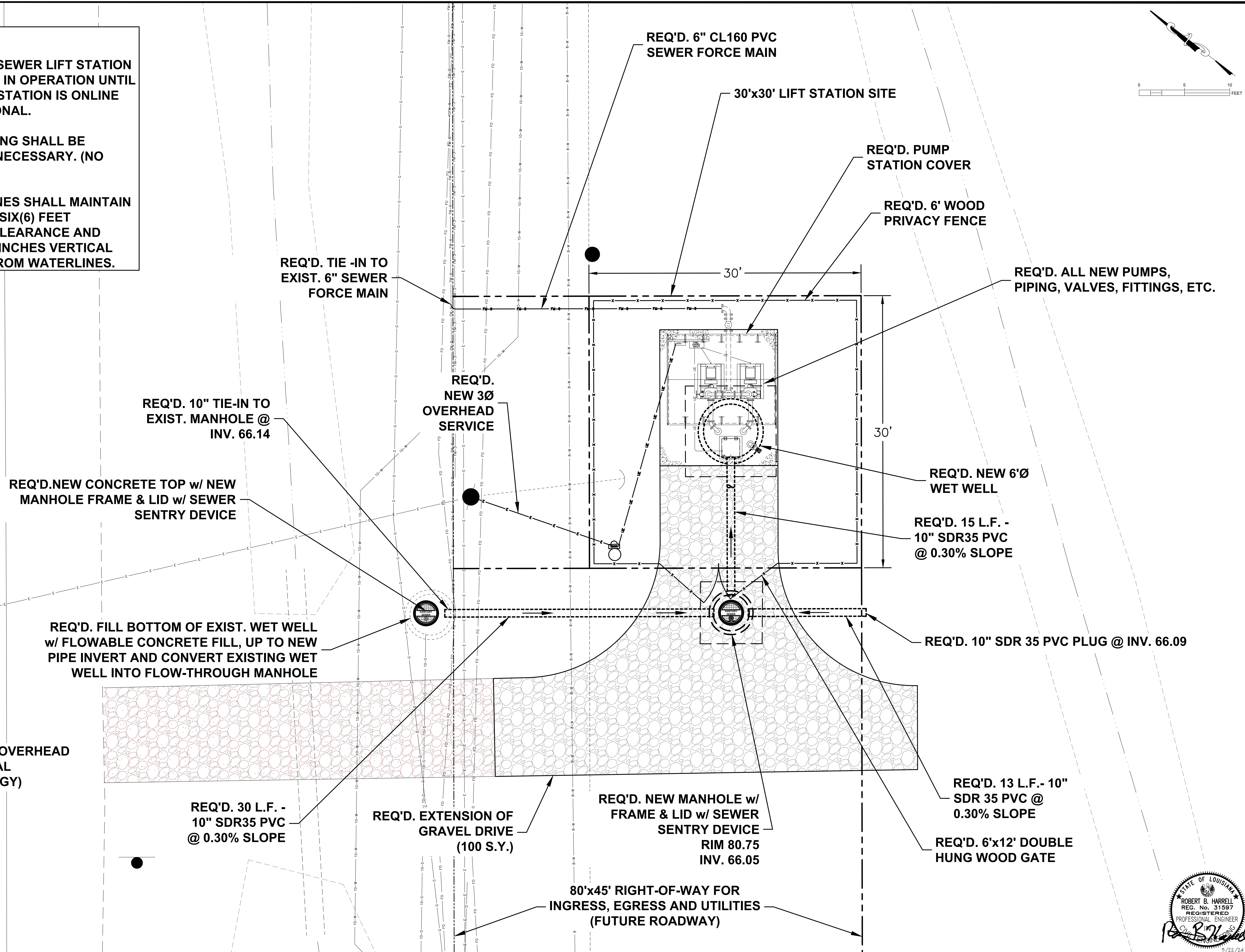


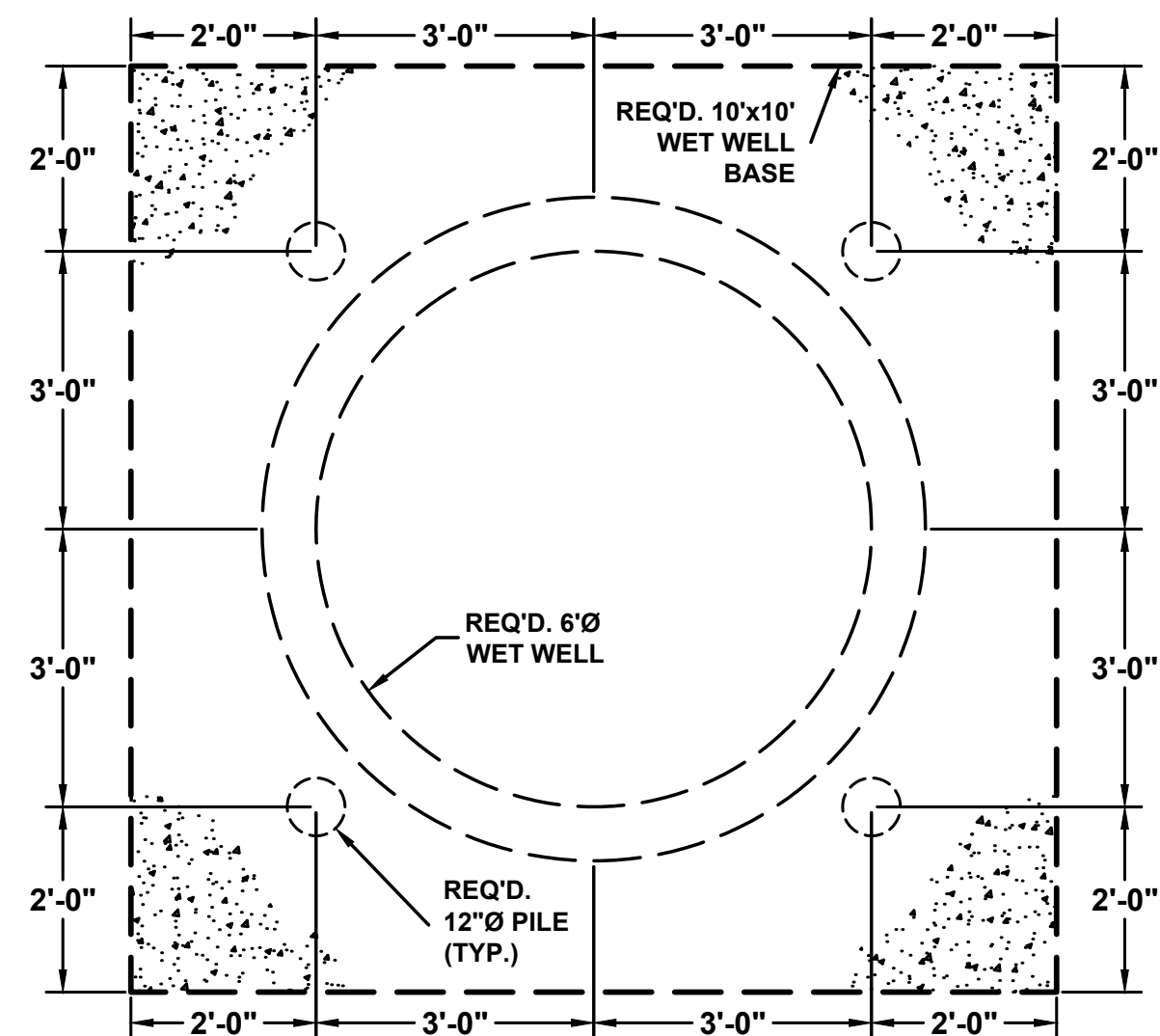
- NOTES:**
1. THE EXISTING SEWER LIFT STATION SHALL REMAIN IN OPERATION UNTIL THE NEW LIFT STATION IS ONLINE AND OPERATIONAL.
 2. BYPASS PUMPING SHALL BE PROVIDED AS NECESSARY. (NO DIRECT PAY)
 3. ALL SEWER LINES SHALL MAINTAIN A MINIMUM OF SIX(6) FEET HORIZONTAL CLEARANCE AND EIGHTEEN (18) INCHES VERTICAL CLEARANCE FROM WATERLINES.



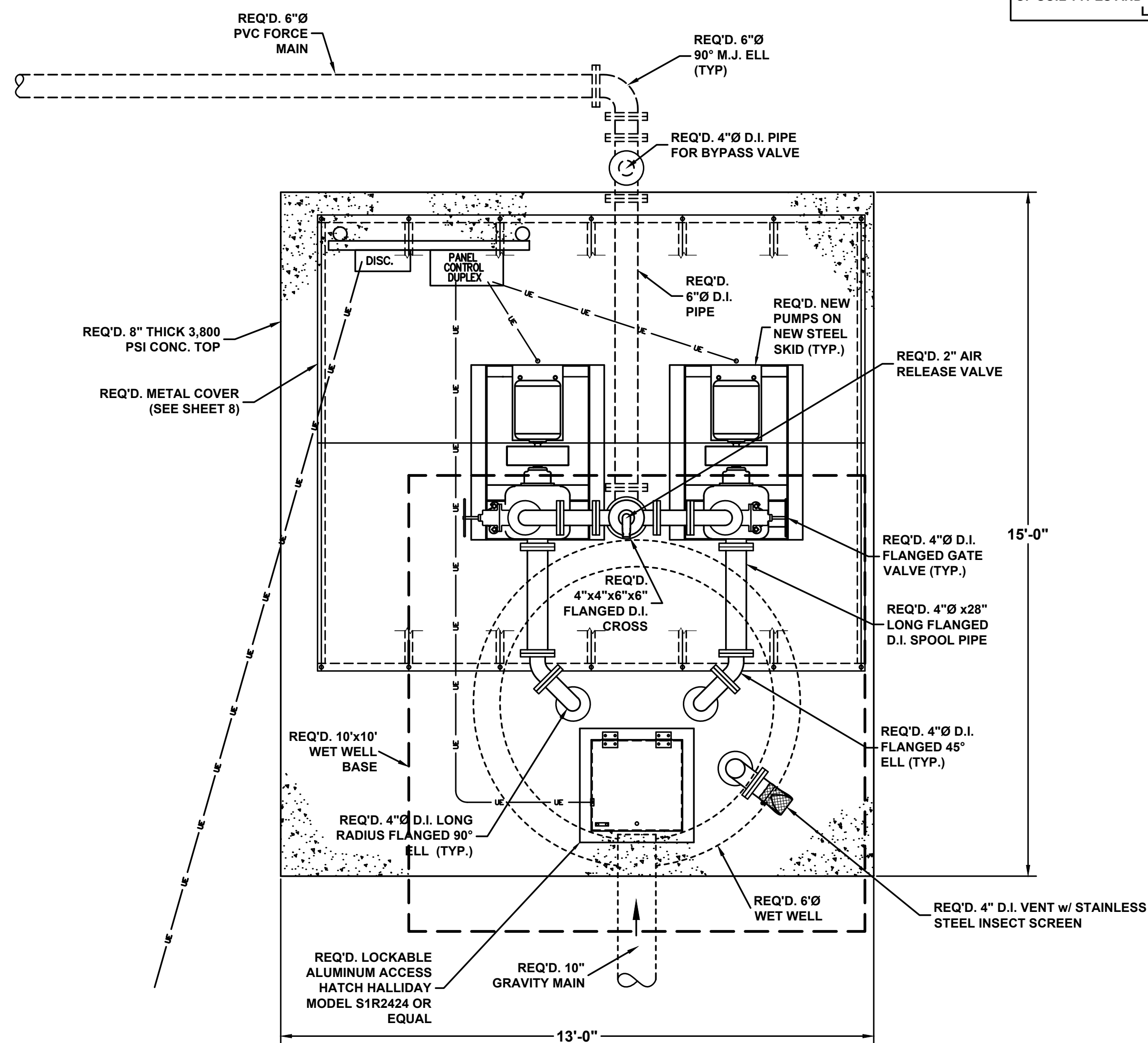
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DESIGNED		CHECKED		DATE		BY		REVISION DESCRIPTION		NO.	
RBH		CMP		KLM		RBH		SEPTEMBER, 2023		DWG NAME	
DEMOLITION SITE PLAN		MARION STATE BANK LIFT STATION IMP.		2/22/24		MONROE, LA 71203		(504) 388-1492			

- 1. THE EXISTING SEWER LIFT STATION SHALL REMAIN IN OPERATION UNTIL THE NEW LIFT STATION IS ONLINE AND OPERATIONAL.**
- 2. BYPASS PUMPING SHALL BE PROVIDED AS NECESSARY. (NO DIRECT PAY)**
- 3. ALL SEWER LINES SHALL MAINTAIN A MINIMUM OF SIX(6) FEET HORIZONTAL CLEARANCE AND EIGHTEEN (18) INCHES VERTICAL CLEARANCE FROM WATERLINES.**

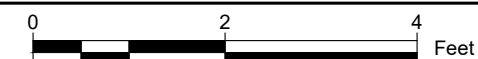




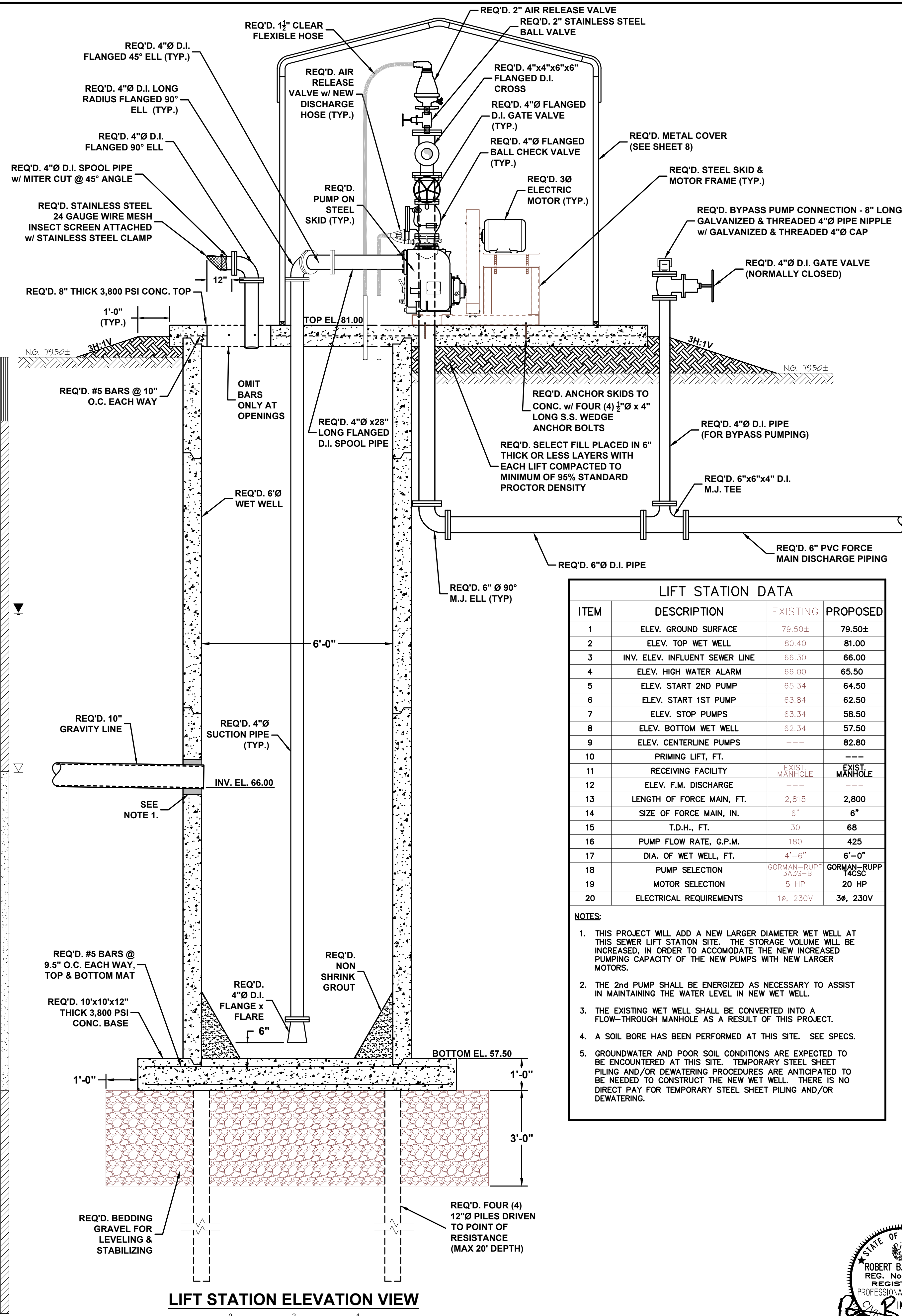
LIFT STATION BOTTOM PLAN VIEW



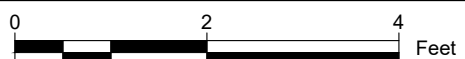
LIFT STATION PLAN VIEW



- ## NOTES
- ALL EXISTING AND NEW PIPE PENETRATIONS AT NEW AND EXISTING WET WELL SHALL BE SEALED WITH DRYLOK FASTPLUG HYDRAULIC CEMENT OR EQUAL.
- COMPACTED BACKFILL WHERE INDICATED SHALL BE COMPACTED IN 12" MAXIMUM LAYERS AT 95% DENSITY OF THE ORIGINAL UNDISTURBED MATERIAL IN CONFORMANCE WITH ASTM D1557 USING MODIFIED EFFORT.
- EQUIPMENT, ANCHOR BOLT SIZES, LOCATIONS, CLEARANCES, ETC. SHALL BE IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE APPROVED SHOP DRAWINGS.
- ALUMINUM & FERROUS METAL SURFACES IN CONTACT WITH CONCRETE SHALL HAVE A BITUMASTIC COATING (2 COATS, 9 MILS EACH COAT).
- CONCRETE SHALL BE 3,800 PSI UNLESS OTHERWISE INDICATED AND SHALL BE IN CONFORMANCE WITH THE LATEST A.C.I. BUILDING CODE REQUIREMENTS.
- CONTRACTOR SHALL VERIFY PUMP STATION DIMENSIONS FOR PIPING, FITTINGS, & ALUMINUM HATCH COVER & FRAME WITH PUMP MANUFACTURER.
- EXPOSED PIPING TO BE PAINTED IN ACCORDANCE WITH SPECIFICATIONS.
- NUTS & BOLTS FOR D.I. FITTINGS SHALL BE COR-TEN T-BOLTS AS MANUFACTURED BY NSS INDUSTRIES OR EQUAL.
- ALL PIPES PENETRATING PUMP STATION WET WELL SHALL BE DUCTILE IRON. DUCTILE IRON PIPE SHALL EXTEND A MINIMUM OF ONE FULL PIPE LENGTH (18" OR 20") SECTION FROM WET WELL BEFORE TRANSITIONING TO PVC UNLESS SHOWN OTHERWISE ON SITE PLAN.
- AN ALARM NOTIFICATION LIGHT AND HORN SHALL BE MOUNTED ON THE PUMP STATION CONTROL RACK.
- ALL ELECTRICAL COMPONENT SIZES AS SHOWN, INCLUDING BUT NOT LIMITED TO WIRING, CONDUIT AND BREAKERS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR'S ELECTRICIAN PRIOR TO BIDDING AND/OR INSTALLATION AND SHALL BE RESIZED AS NECESSARY TO CONFORM TO THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE AND ANY LOCAL CODES APPLICABLE. NO ADDITIONAL PAY FOR NECESSARY CHANGES TO ELECTRICAL COMPONENT SIZES.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE BYPASS PUMPING, PORTABLE GENERATING EQUIPMENT, OR WHATEVER OTHER MEANS ARE NECESSARY TO MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION.
- ALL PUMPS SHALL BE CONTROLLED BY NON-MERCURY FLOAT SWITCHES.
- 2nd PUMP TO BE ENERGIZED AS NECESSARY TO ASSIST IN MAINTAINING WATER LEVEL IN WET WELL.



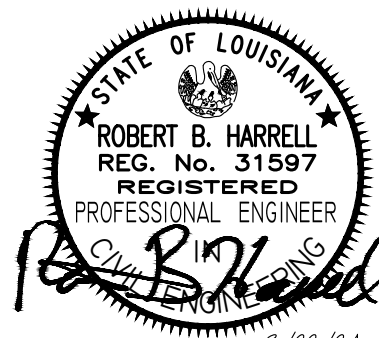
LIFT STATION ELEVATION VIEW



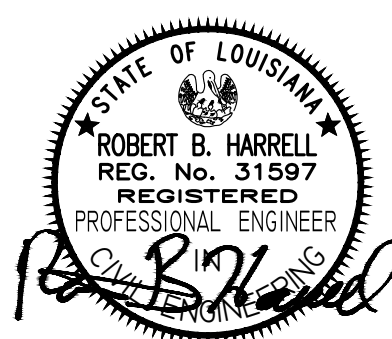
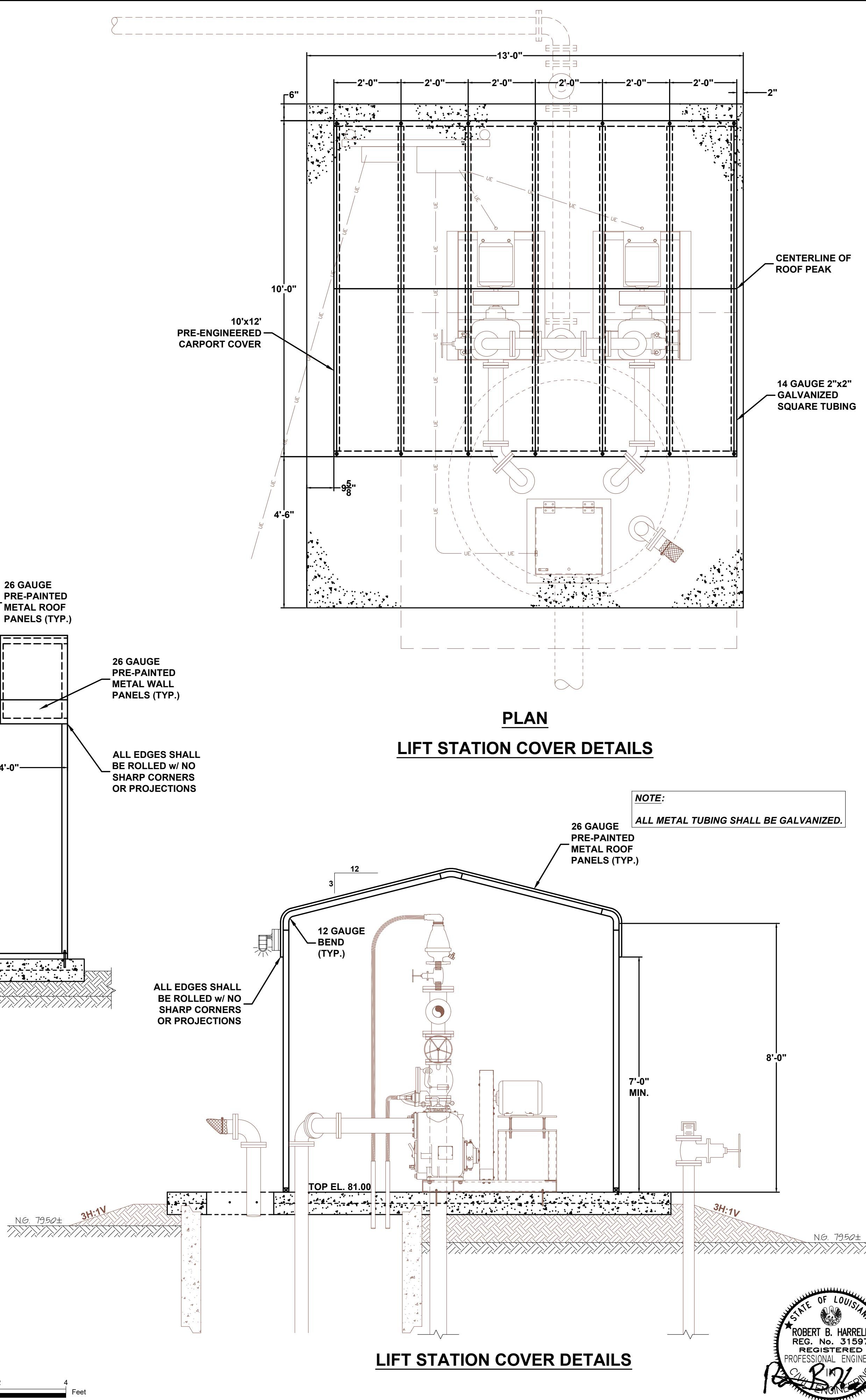
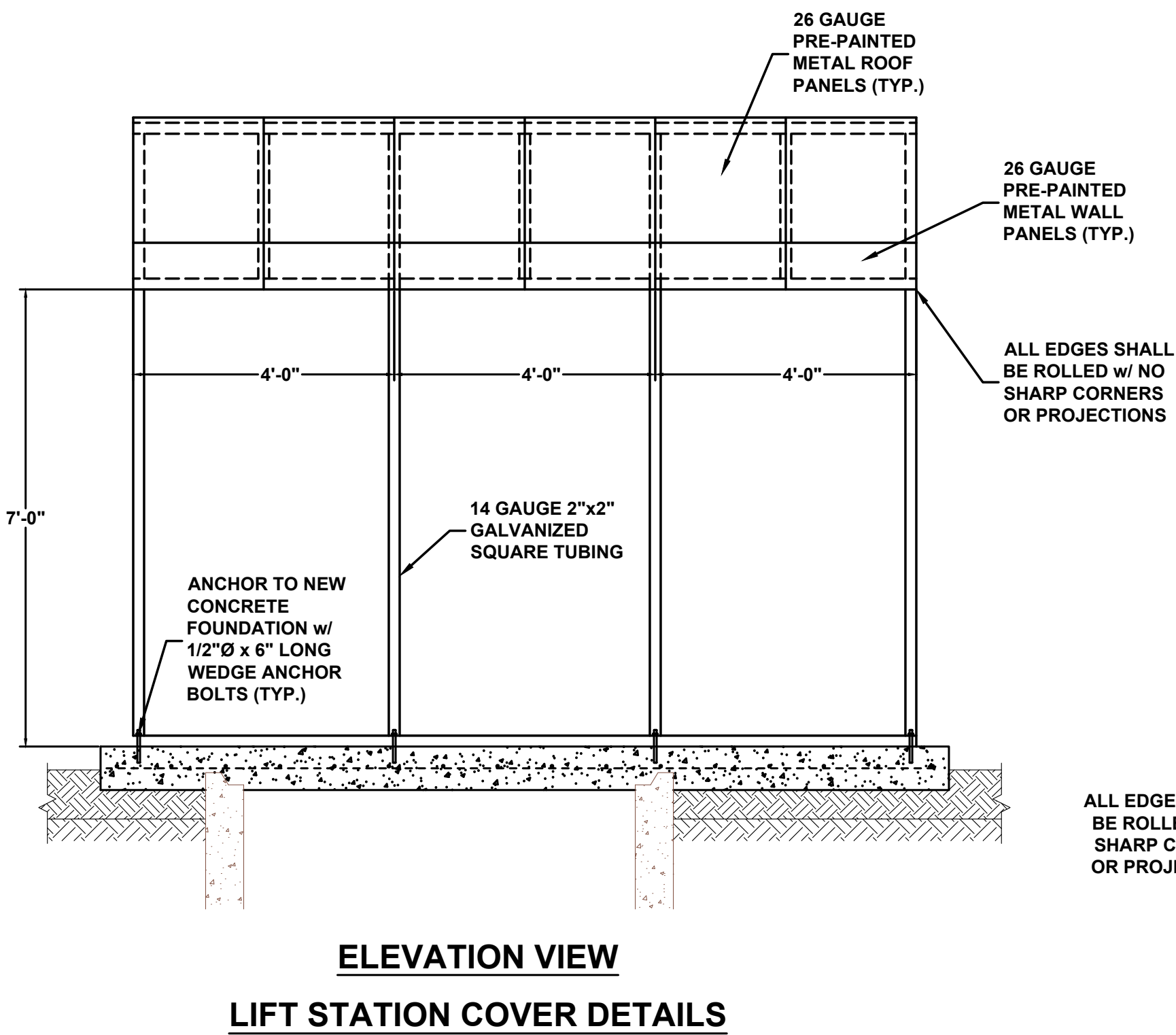
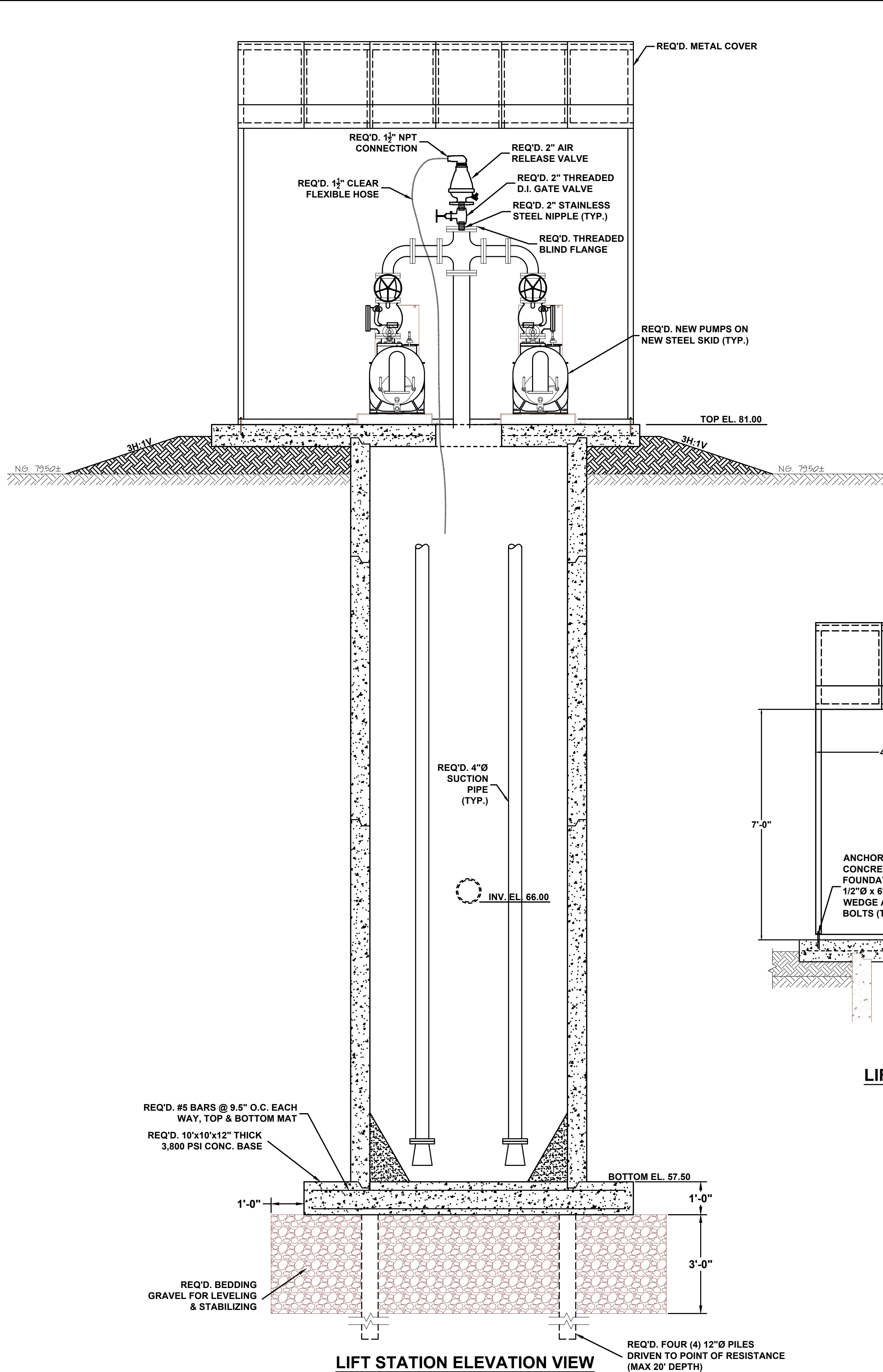
LIFT STATION DATA			
ITEM	DESCRIPTION	EXISTING	PROPOSED
1	ELEV. GROUND SURFACE	79.50±	79.50±
2	ELEV. TOP WET WELL	80.40	81.00
3	INV. ELEV. INFLUENT SEWER LINE	66.30	66.00
4	ELEV. HIGH WATER ALARM	66.00	65.50
5	ELEV. START 2ND PUMP	65.34	64.50
6	ELEV. START 1ST PUMP	63.84	62.50
7	ELEV. STOP PUMPS	63.34	58.50
8	ELEV. BOTTOM WET WELL	62.34	57.50
9	ELEV. CENTERLINE PUMPS	---	82.80
10	PRIMING LIFT, FT.	---	---
11	RECEIVING FACILITY	EXIST MANHOLE	EXIST MANHOLE
12	ELEV. F.M. DISCHARGE	---	---
13	LENGTH OF FORCE MAIN, FT.	2,815	2,800
14	SIZE OF FORCE MAIN, IN.	6"	6"
15	T.D.H., FT.	30	68
16	PUMP FLOW RATE, G.P.M.	180	425
17	DIA. OF WET WELL, FT.	4'-6"	6'-0"
18	PUMP SELECTION	GORMAN-RUPP 13A35-B	GORMAN-RUPP 14CSC
19	MOTOR SELECTION	5 HP	20 HP
20	ELECTRICAL REQUIREMENTS	1ø, 230V	3ø, 230V

NOTES:

1. THIS PROJECT WILL ADD A NEW LARGER DIAMETER WET WELL AT THIS SEWER LIFT STATION SITE. THE STORAGE VOLUME WILL BE INCREASED, IN ORDER TO ACCOMMODATE THE NEW INCREASED PUMPING CAPACITY OF THE NEW PUMPS WITH NEW LARGER MOTORS.
2. THE 2nd PUMP SHALL BE ENERGIZED AS NECESSARY TO ASSIST IN MAINTAINING THE WATER LEVEL IN NEW WET WELL.
3. THE EXISTING WET WELL SHALL BE CONVERTED INTO A FLOW-THROUGH MANHOLE AS A RESULT OF THIS PROJECT.
4. A SOIL BORE HAS BEEN PERFORMED AT THIS SITE. SEE SPECS.
5. GROUNDWATER AND POOR SOIL CONDITIONS ARE EXPECTED TO BE ENCOUNTERED AT THIS SITE. TEMPORARY STEEL SHEET PILING AND/OR DEWATERING PROCEDURES ARE ANTICIPATED TO BE REQUIRED TO CONSTRUCT THE NEW WET WELL. THERE IS NO DIRECT PAY FOR TEMPORARY STEEL SHEET PILING AND/OR DEWATERING.



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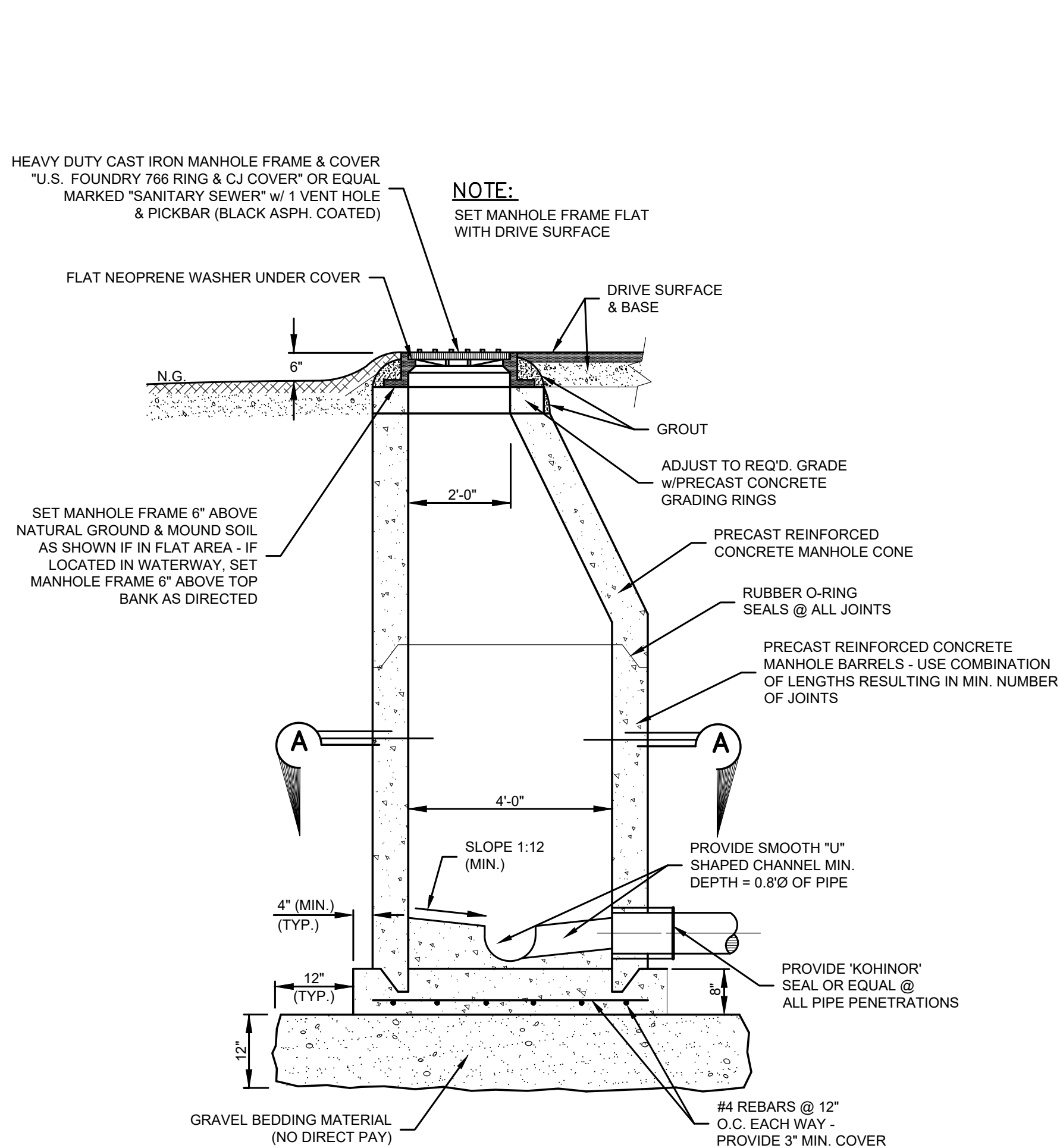


SHEET NUMBER		8
OUACHITA		TOWN OF STERLINGTON
PARRISH	PARRISH PROJECT	VOLKERT PROJECT
DESIGNED	CHECKED	DATE
RBH	CMP	SEPTEMBER, 2023
DETAILED	KLM	DWG NAME
RBH	RBH	USD-001
BY		REVISION DESCRIPTION
DATE		NO.
MARION STATE BANK LIFT STATION IMP.		IMP.
LIFT STATION DETAILS		
VOLKERT		MONROE, LA 71203 (504) 388-1292

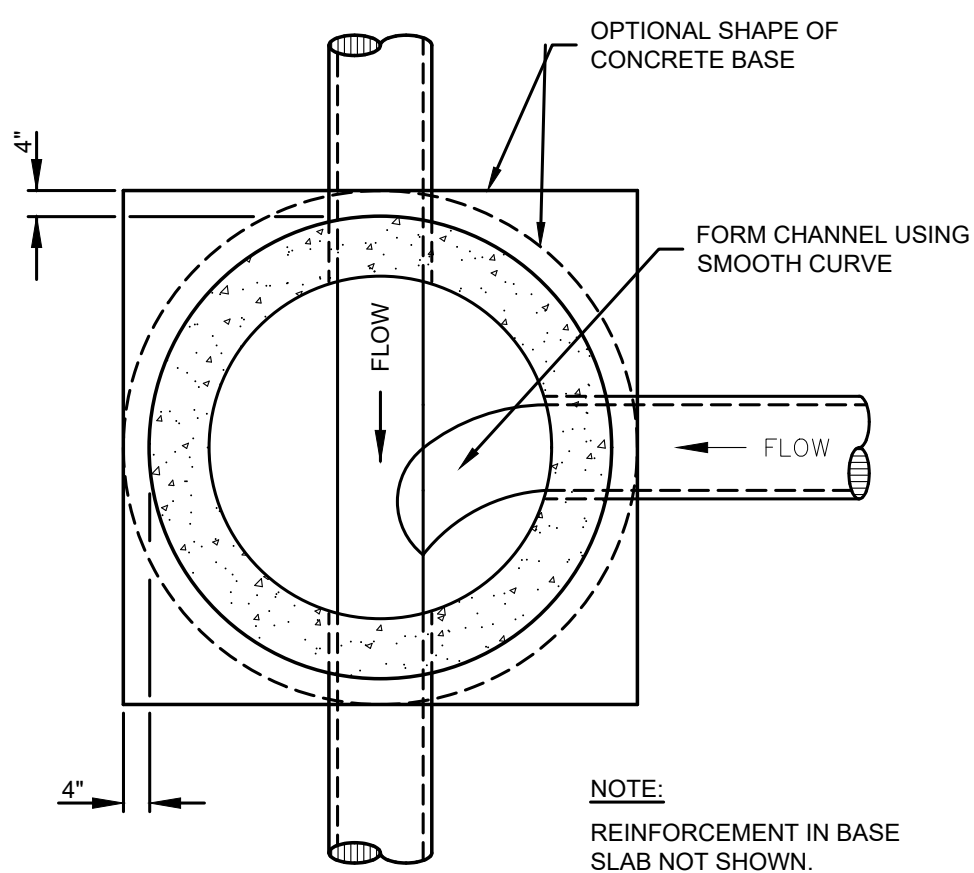


-
- A number line representing a distance of 4 feet. The line is marked at 0, 2, and 4. The segment from 0 to 2 is divided into four equal parts, with alternating black and white segments. The segment from 2 to 4 is a single solid black segment.

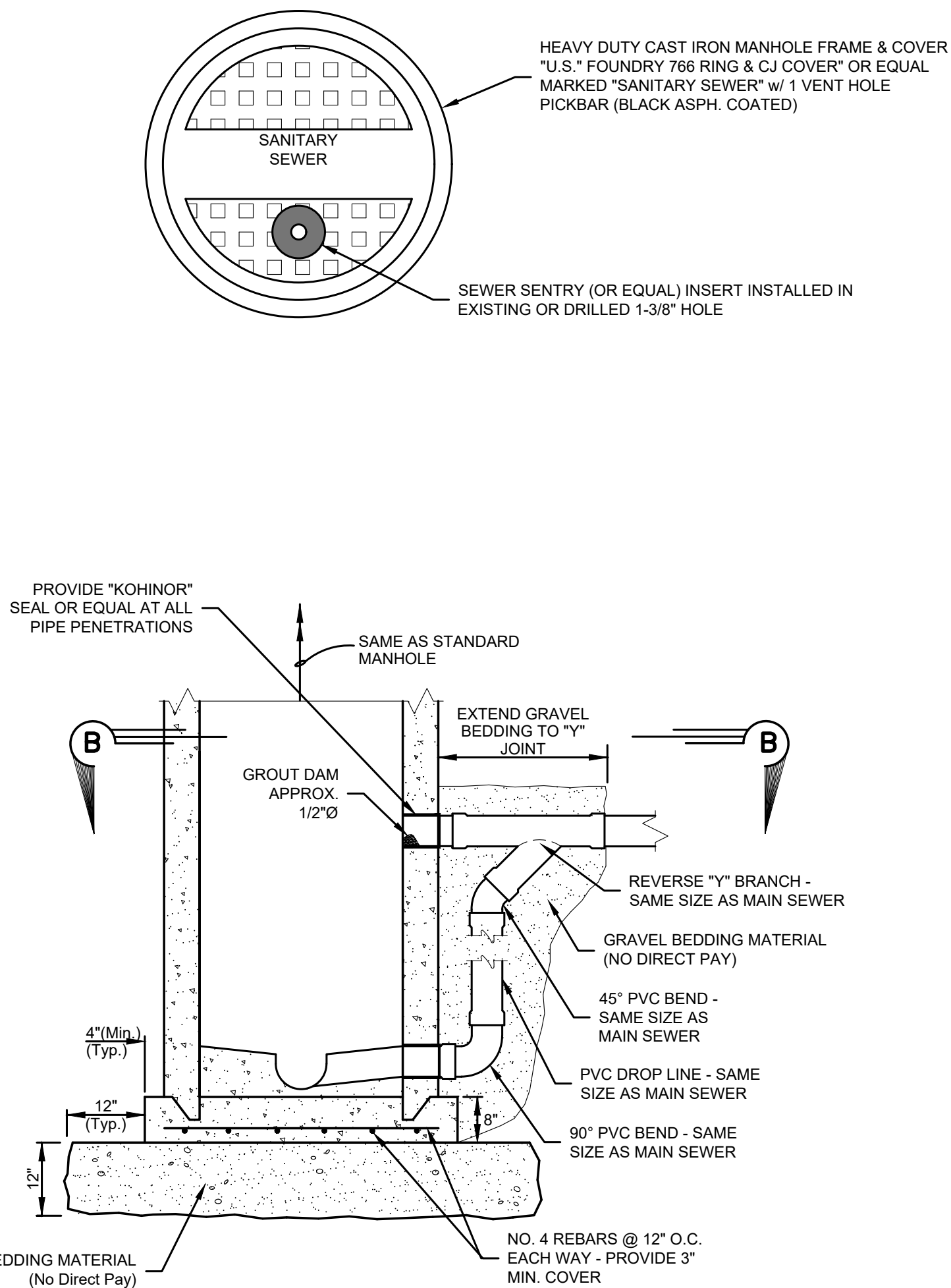




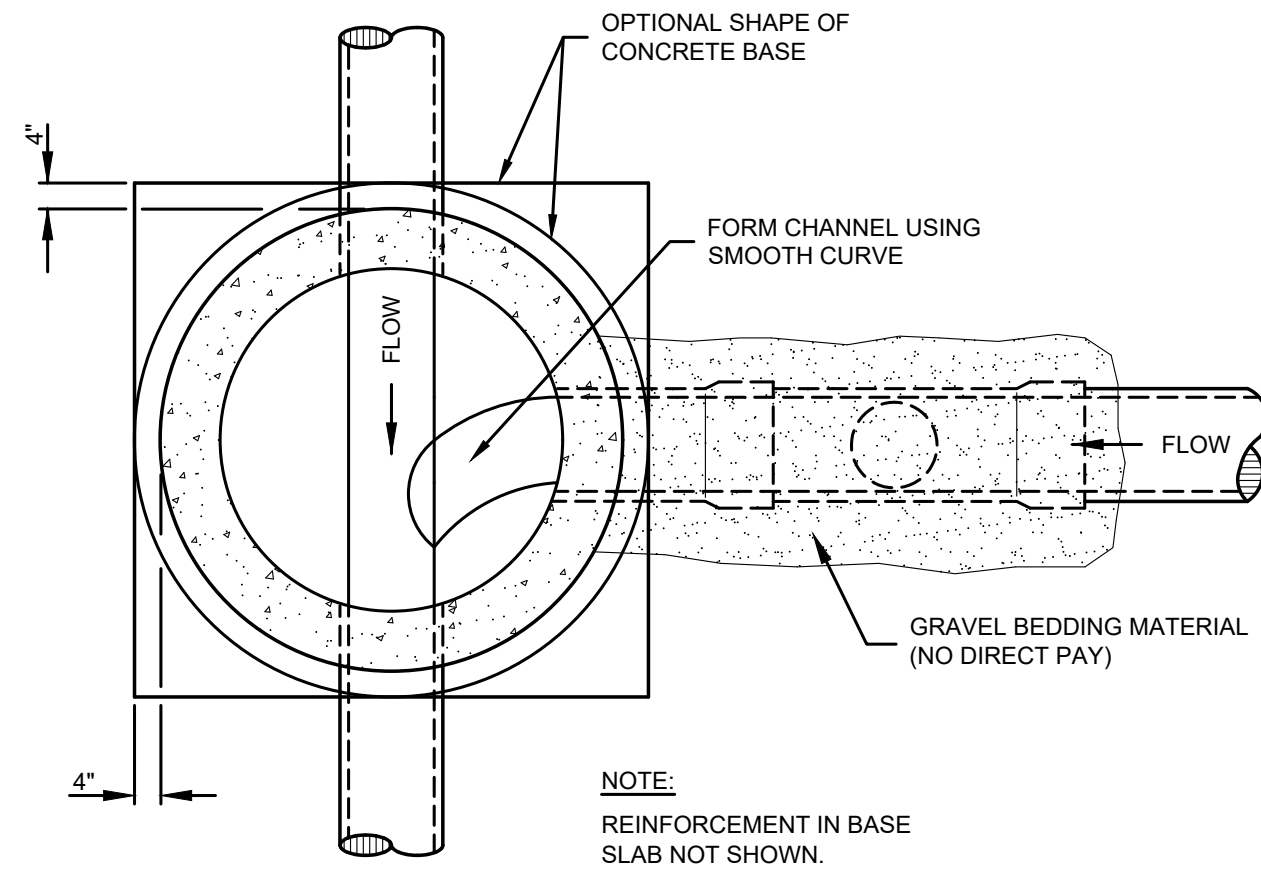
**TYPICAL SECTION
STANDARD MANHOLE**



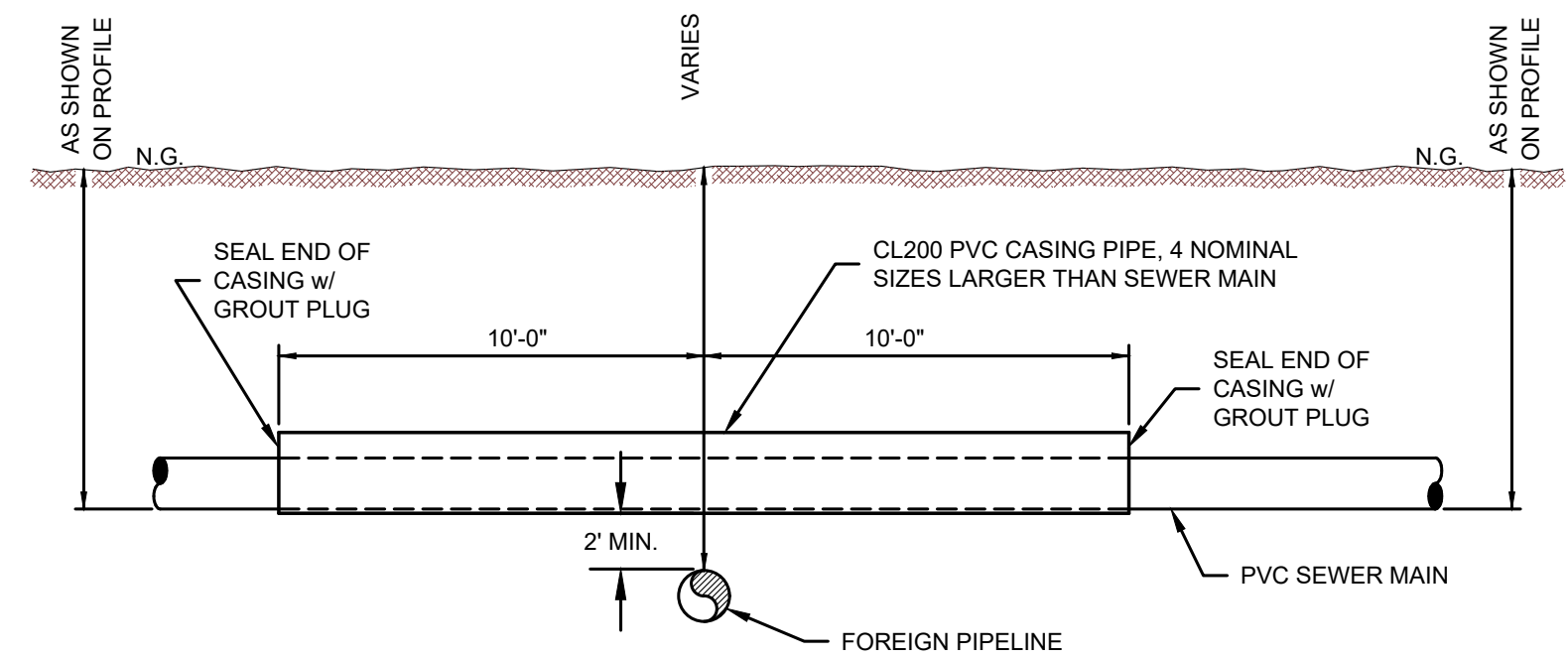
SECTION "A-A"



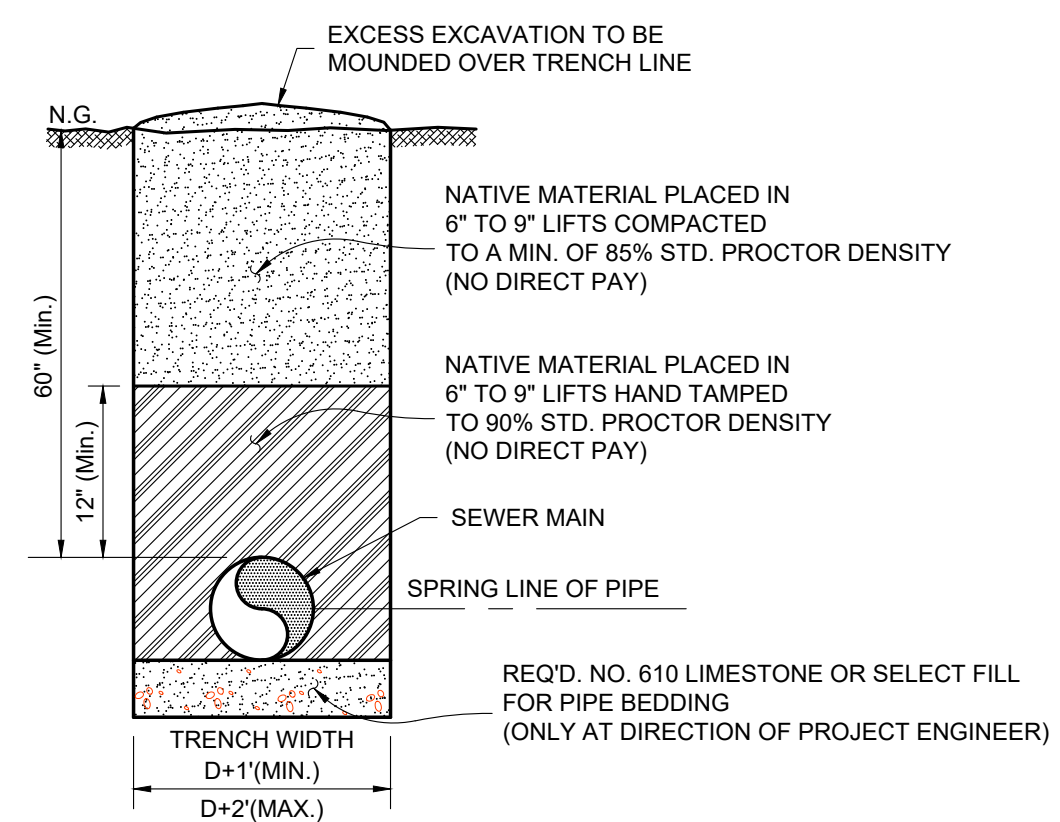
**TYPICAL SECTION
DROP MANHOLE**



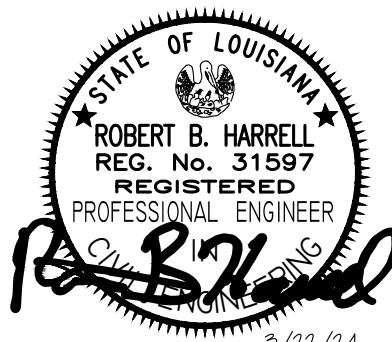
SECTION "B-B"



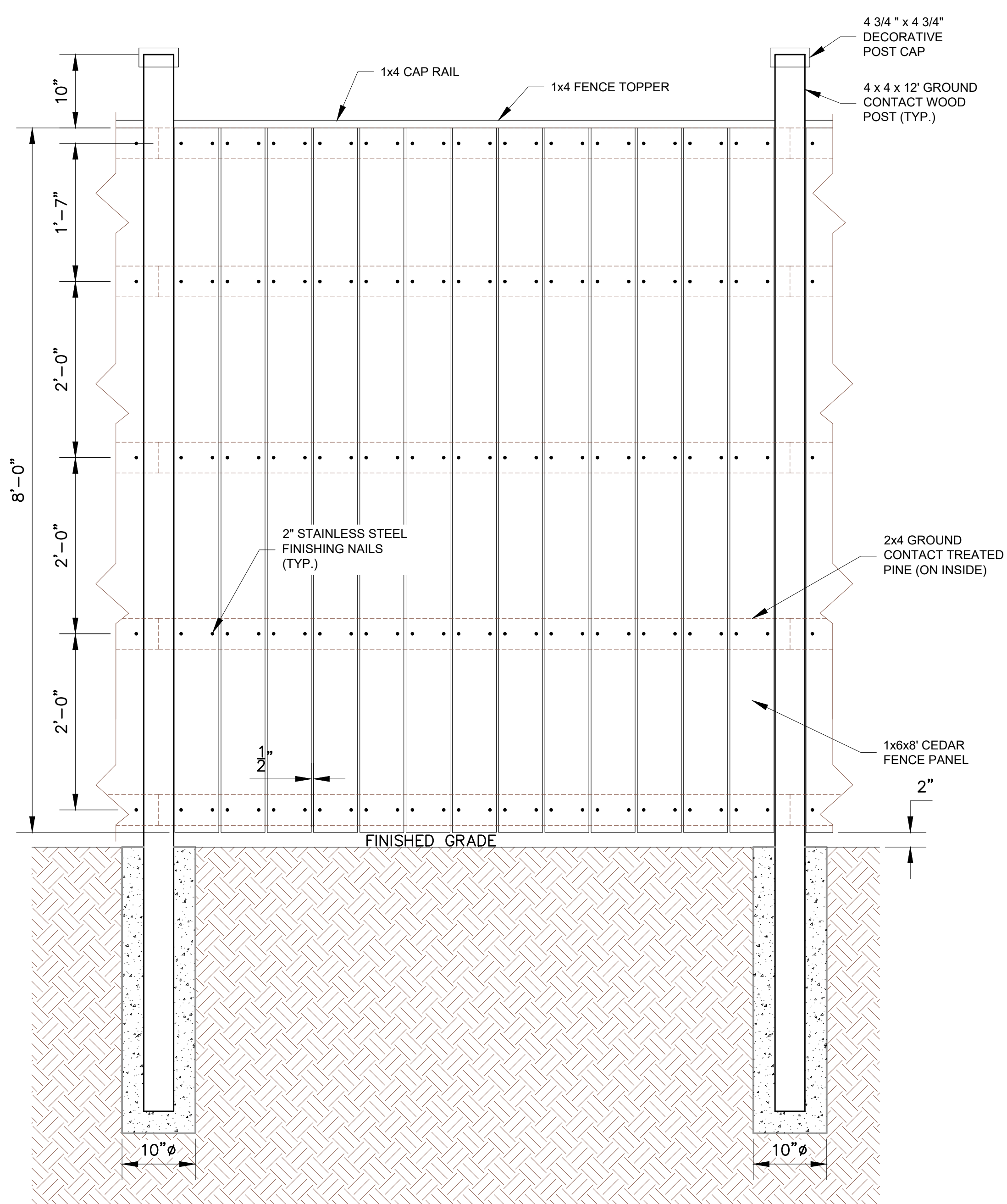
1. THIS DETAIL SUBJECT TO THE APPROVAL OF THE RESPECTIVE PIPELINE COMPANIES.
FOREIGN PIPELINE CROSSING DETAIL



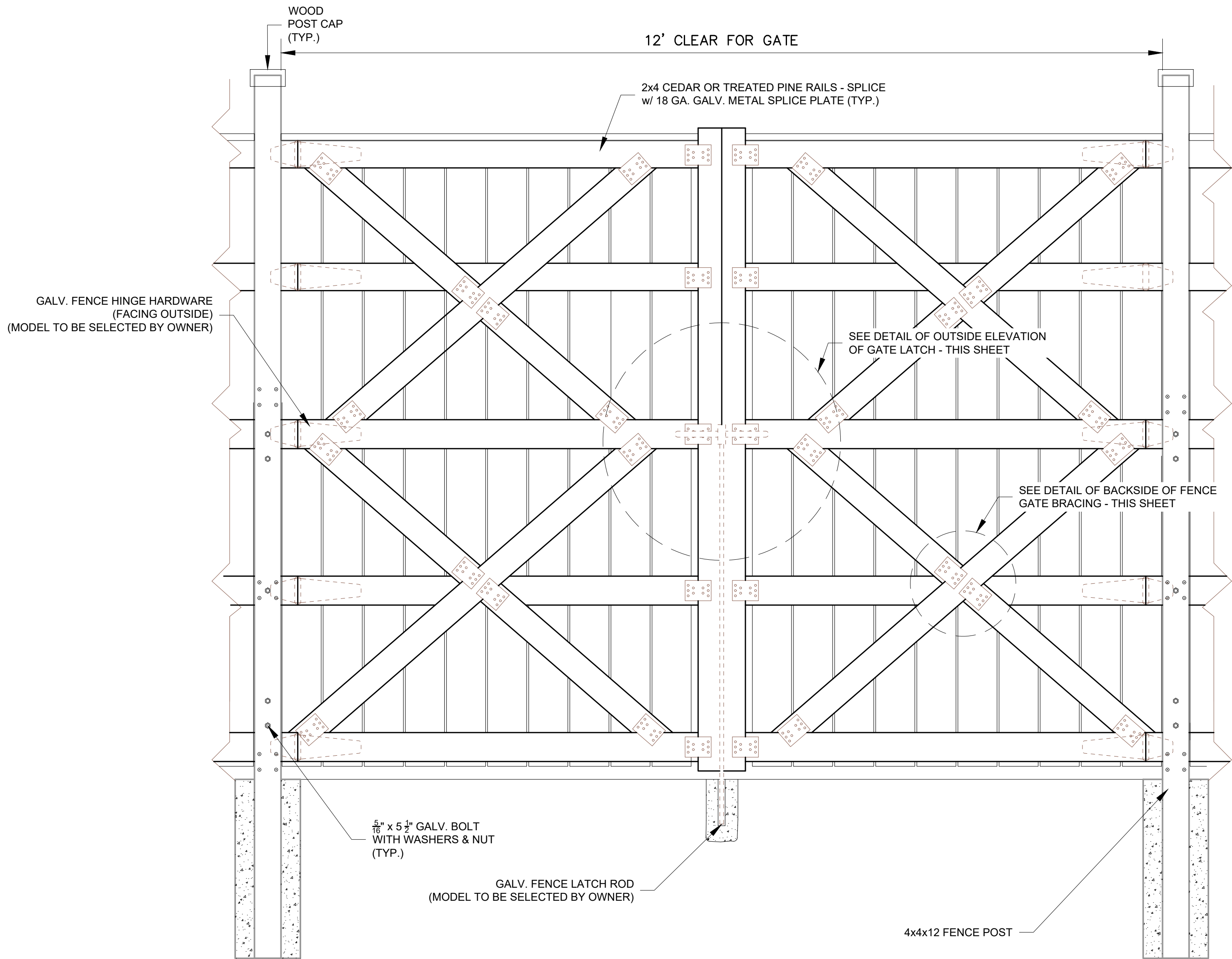
SEWER MAIN INSTALLATION DETAILS
(NON TRAFFIC AREAS)



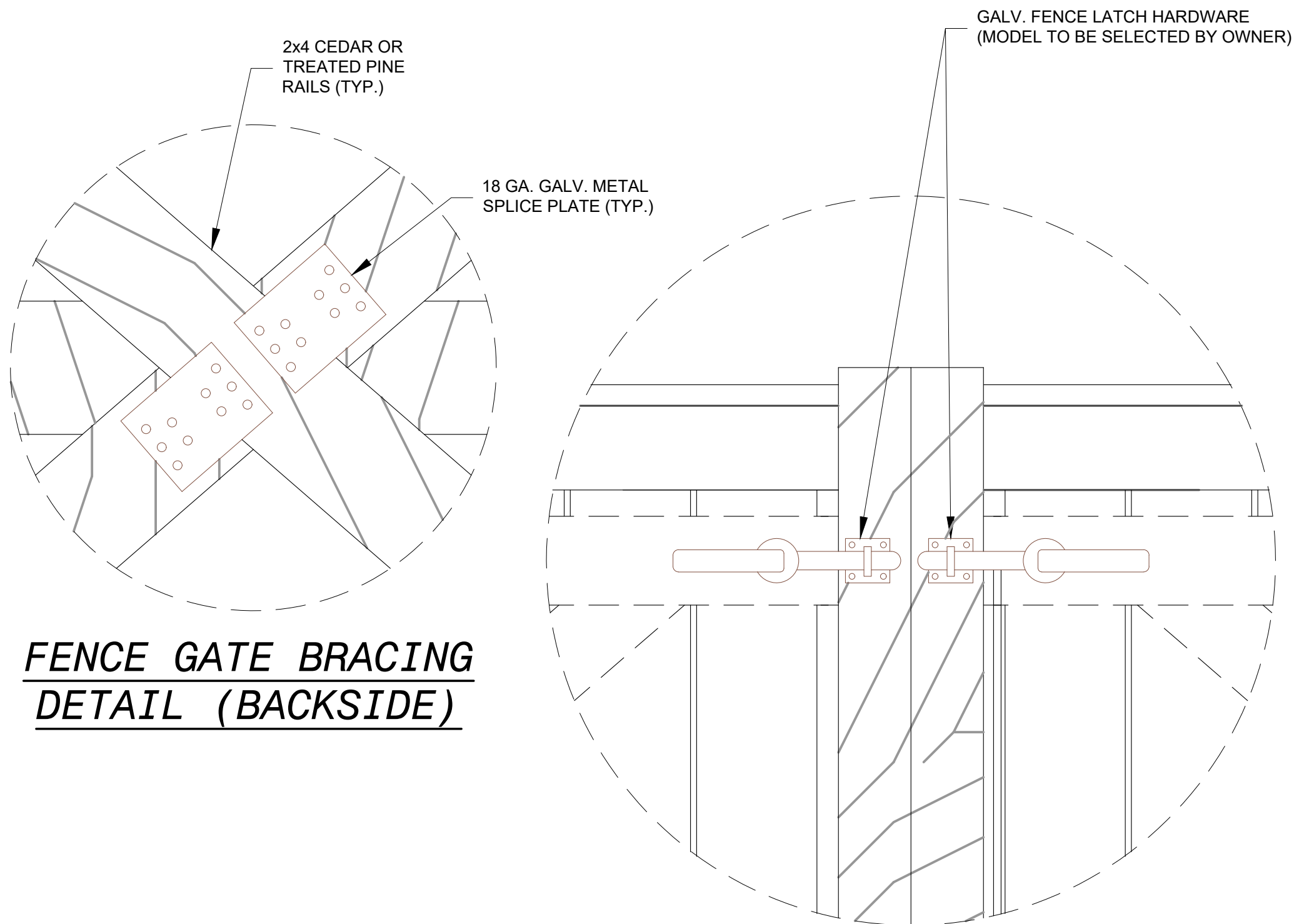
VOLKERT										SEWER COLLECTION DETAILS										SHEET NUMBER											
MONROE, LA 71203 (504) 386-1400																				10											
MARION STATE BANK LIFT STATION IMP.										NO.		DATE		REVISION DESCRIPTION		BY		DESIGNED		RBH		CWP		PARISH		OUACHITA					
																												TOWN OF STERLINGTON			
																						DATE		SEPTEMBER, 2023		VOLKERT PROJECT		1146803			
																								DETAILED		KLM		PROJECT			
																										CHECKED		RBH			



M:\Projects\1146803.000 Sterlington - Marion State Bank Lift Station Imp.\6 DESIGN\DRAWINGS\PLANS\FENCING2.dwg

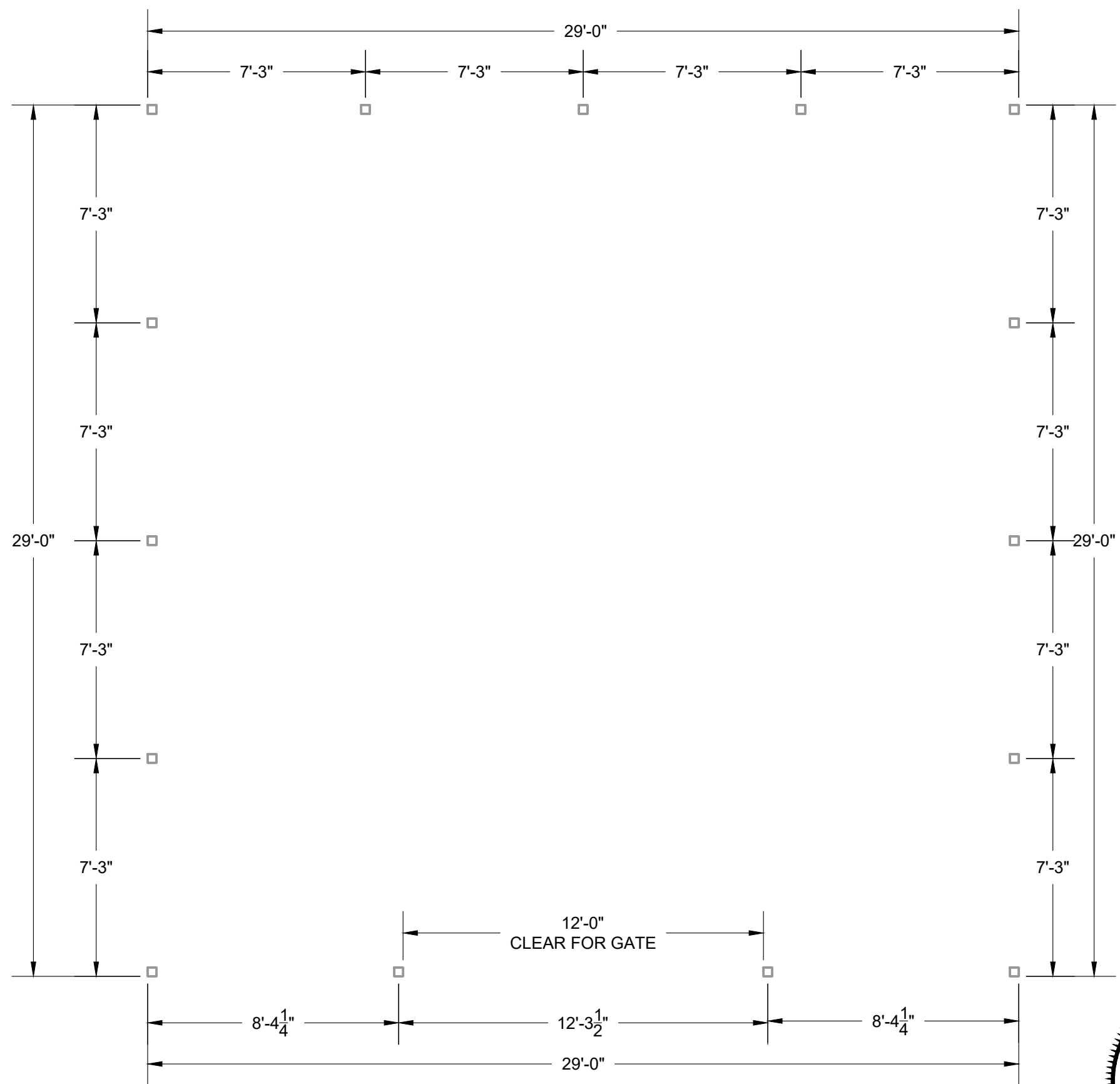


**WOOD DOUBLE GATES
(INSIDE ELEVATION)**

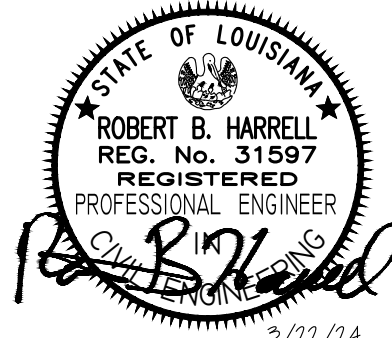


**FENCE GATE BRACING
DETAIL (BACKSIDE)**

**FENCE GATE LATCH DETAIL
(OUTSIDE ELEVATION)**



POST LAYOUT PLAN



SHEET NUMBER		12	
PARISH		OUACHITA	
PROJECT		TOWN OF STERLINGTON	
DATE		11-14-2023	
DESIGNED		RBH	
CHECKED		CMP	
DETAILED		KLM	
DATE		SEPTEMBER, 2023	
DWG NAME		FENCING2	
BY		RBH	
REVISION		DESCRIPTION	
NO.		DATE	
WOOD GATE DETAILS		MARION STATE BANK LIFT STATION IMP.	
VOLKERT		MONROE, LA 71203 (504) 388-1429	