



**Alabama State Port Authority**  
**Addendum to R&P or Specification Booklet**

**Project Name** East Mud Lakes Weir Box Replacement

**Project No.** 11362      **Task No.** 01      **Addendum No.** 1

**To:** Prospective Bidders      **Date:** 2/8/2024

The following items are clarifications to the bid documents. These items are hereby included in the bid documents by this addendum.

Item	Description
1.	The Pre-Bid sign in sheet is attached and is hereby incorporated into the bid documents by this addendum.
2.	Modified drawings are attached and is hereby incorporated into the bid documents by this addendum. G002, C100, S100, S104, S105, and four as-built drawings for information only.
3.	Clarification: Grating type. Sheet G002 Note 8.3 calls for McNichols GW 125, 19-W-4 Serrated. Sheet S100 Note 10 calls for 2"x2"x2" Corvex FRP 7 and Weir Box Plan calls for 1".  Answer: See revised drawing G002 and S100 for clarification.
4.	Question: Can the anchor bolts be drilled after placing the weir box or do they need to be poured in the foundation?  Answer: Anchor bolts shall be cast-in-place.
5.	Question: Does the entire existing weir box need to be removed or can we cut the exposed portion of the box, leave the rest, and fill it with concrete up to the top of the pipe?  Answer: See demolition note on Sheet G003 that describes demolishing the box down to 1 foot above the top of the pipe and plugging with flowable fill.
6.	Questions: Is there an estimate for this bid?  Answer: There is no estimate provided for this project.

Please indicate your receipt of this addendum by adding the addendum number in the appropriate place in your Requisition & Proposal or Specification Book.

**Project Manager:**

*Mike Thompson*      **2/8/2024**  
**Mike Thompson, Project Engineer**



**Alabama State Port Authority**  
**PRE-Bid Opening Sign-In Sheet**

**Project Name** East Mud Lakes Weirbox

**Project #** 11362

**Task #** 01

**Date** January 31, 2024

**Time** 2:00 pm

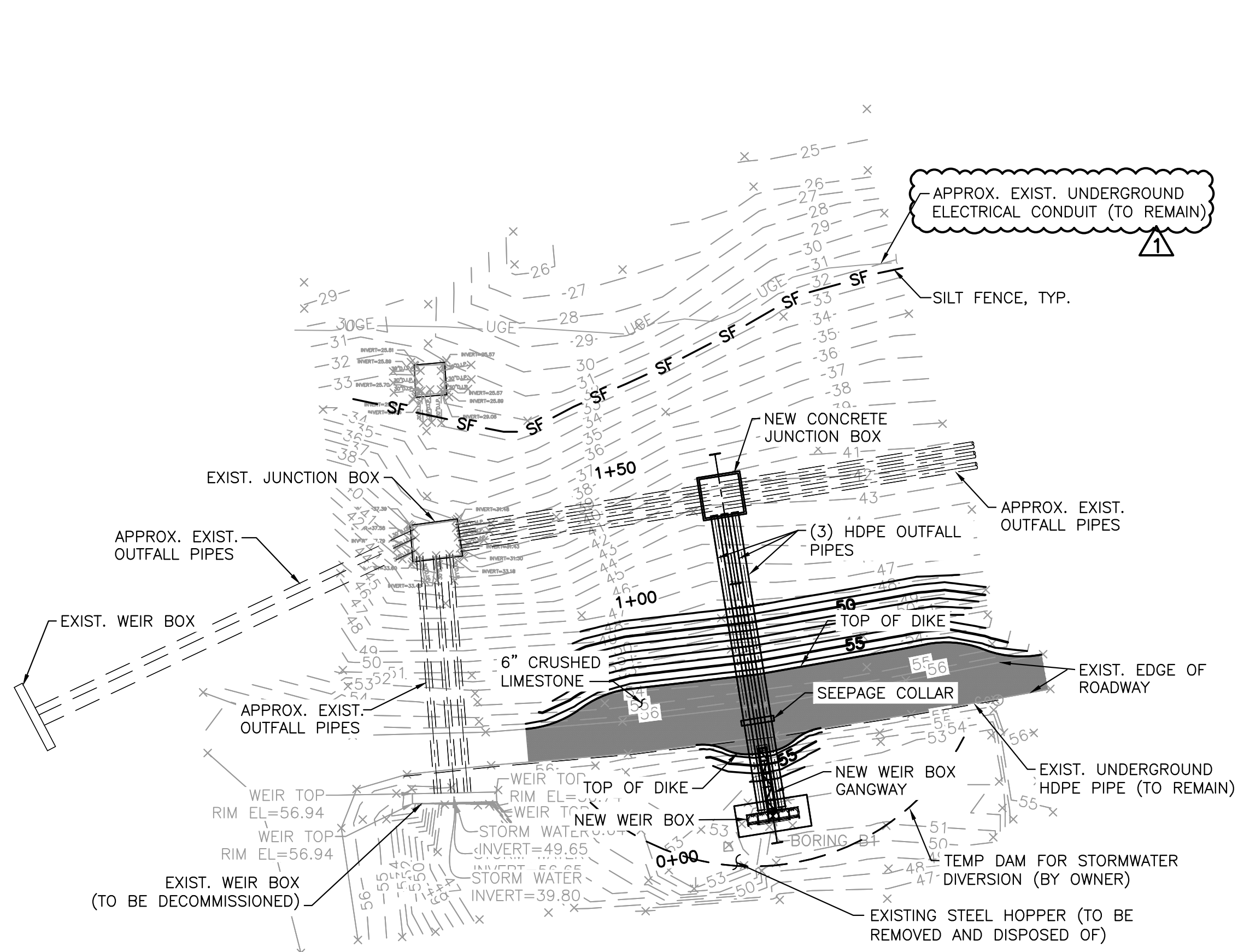
**Location** East Mud Lakes DMMA, Mobile, AL

**ASPA Representatives**  
 (printed names)  
 (signatures)

Mike Thompson	Lynn Turner	
<i>Michael Thompson</i>	<i>Lynn Turner</i>	

Contractor (Business) Name	Attendee Name Printed	Attendee Signature	Telephone #
<i>Blade Construction</i>	<i>Steve Brown</i>	<i>[Signature]</i>	<i>251 752 5404</i>
<i>G.A. West</i>	<i>Kristian Roe</i>	<i>[Signature]</i>	<i>251 421 5438</i>
<i>RJB</i>	<i>Joey Dicks</i>	<i>[Signature]</i>	<i>251-463-7450</i>
<i>"</i>	<i>John Hill</i>		<i>"</i>
<i>"</i>	<i>Stacey Vize</i>		<i>"</i>
<i>McElhenney Const.</i>	<i>Drew Windham</i>	<i>[Signature]</i>	<i>228-217-7161</i>
<i>S.C. Stagner</i>	<i>Michael Watford</i>	<i>[Signature]</i>	<i>561-876-9953</i>
<i>SC Stagner</i>	<i>David Finnorn</i>	<i>[Signature]</i>	<i>251-635-6782</i>
<i>Harris Contracting Services</i>	<i>Brian Harris</i>	<i>[Signature]</i>	<i>251-377-3132</i>
<i>CHRIS BREWER CONTRACTING</i>	<i>CHRIS BREWER</i>	<i>[Signature]</i>	<i>251-456-9290</i>
<del>Thomas</del> <i>G.A. West</i>	<i>Thomas Matthews</i>	<i>[Signature]</i>	<i>251-329-7185</i>
<i>Gillis CO</i>	<i>Sum Myers</i>	<i>[Signature]</i>	<i>251-654-7246</i>
<i>GILLIS</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>251-406-2573</i>





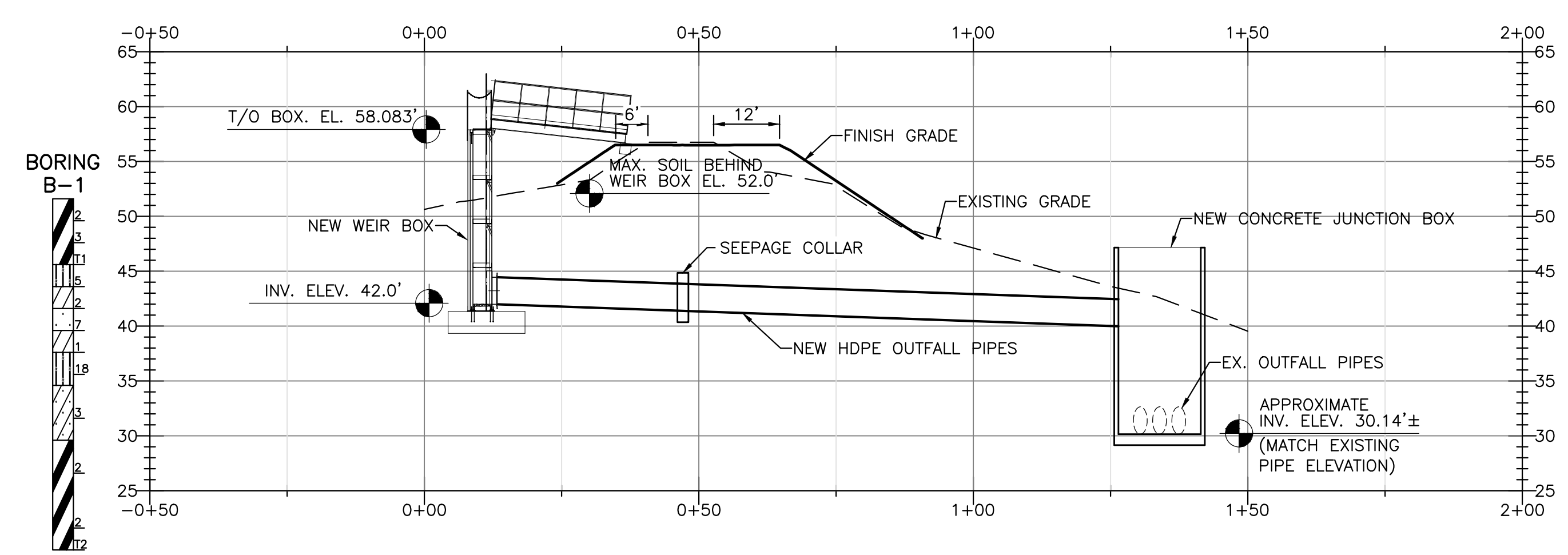
NOTE:  
1. TOP OF DIKE ROADWAY IS TO BE RESURFACED WITH 6-IN. OF DENSE GRADED CRUSHED LIMESTONE BASE.

Ques  
RED CAPPED IRON PIN SET  
N:263468.10  
E:1802334.45  
ELEV=54.69

Ques  
RED CAPPED IRON PIN SET  
N:263529.86  
E:1802832.06  
ELEV=54.81

**OUTFALL PLAN**  
SCALE: 1" = 40'

Alignment - OUTFALL PROFILE



**OUTFALL PROFILE**  
SCALE: 1" = 20'

1	ISSUE FOR BID	01/26/24	MJW
Mark	Description	Date	Appr.

**ALABAMA STATE PORT AUTHORITY**  
MOBILE, ALABAMA

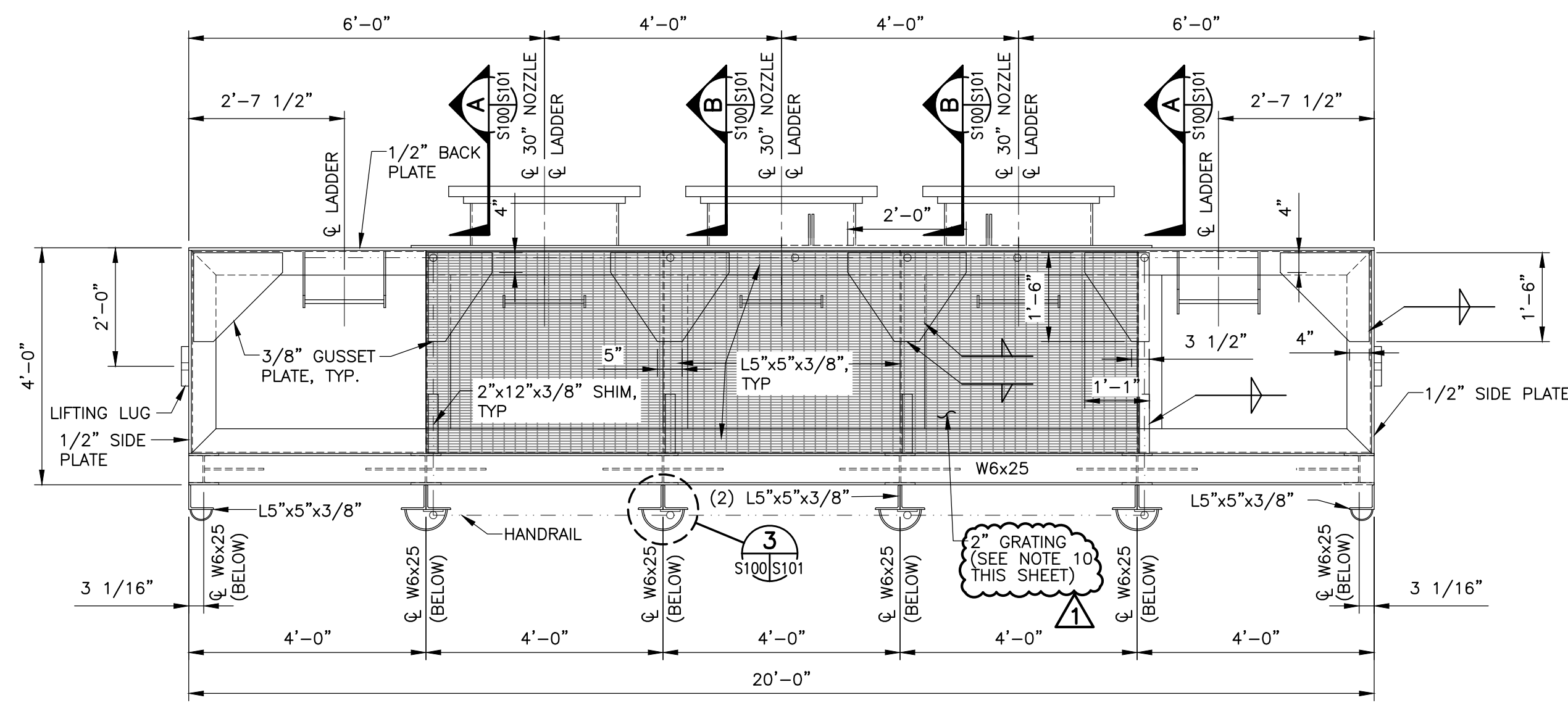
**thompson ENGINEERING** 2970 COTTAGE HILL ROAD, SUITE 190  
MOBILE, ALABAMA 36606  
(251)666-2443

**EAST MUD LAKES WEIR BOX REPLACEMENT**

**WEIR BOX REPLACEMENT  
OUTFALL PLAN  
AND PROFILE WITH CONTROL POINTS**

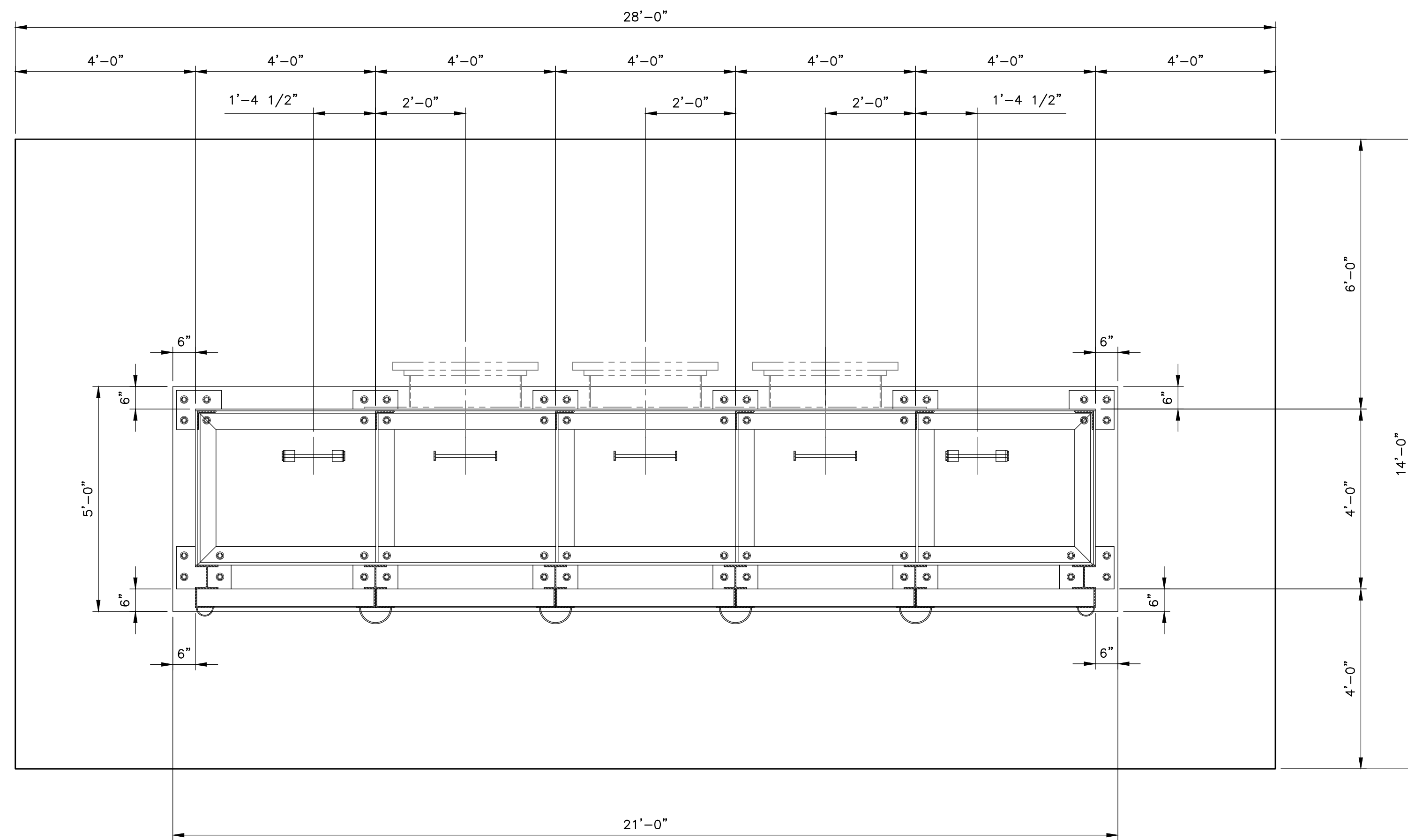


Date: 8/25/23	Designed by: MJW	Drawn by: TPT	ASPA No. 11362	Sheet No. C100	Rev. 1
Ckd by: RAH	Reviewed by: MJW	Submitted by: MJW	Plot scale: 1:1	Drawing 4 of 13	



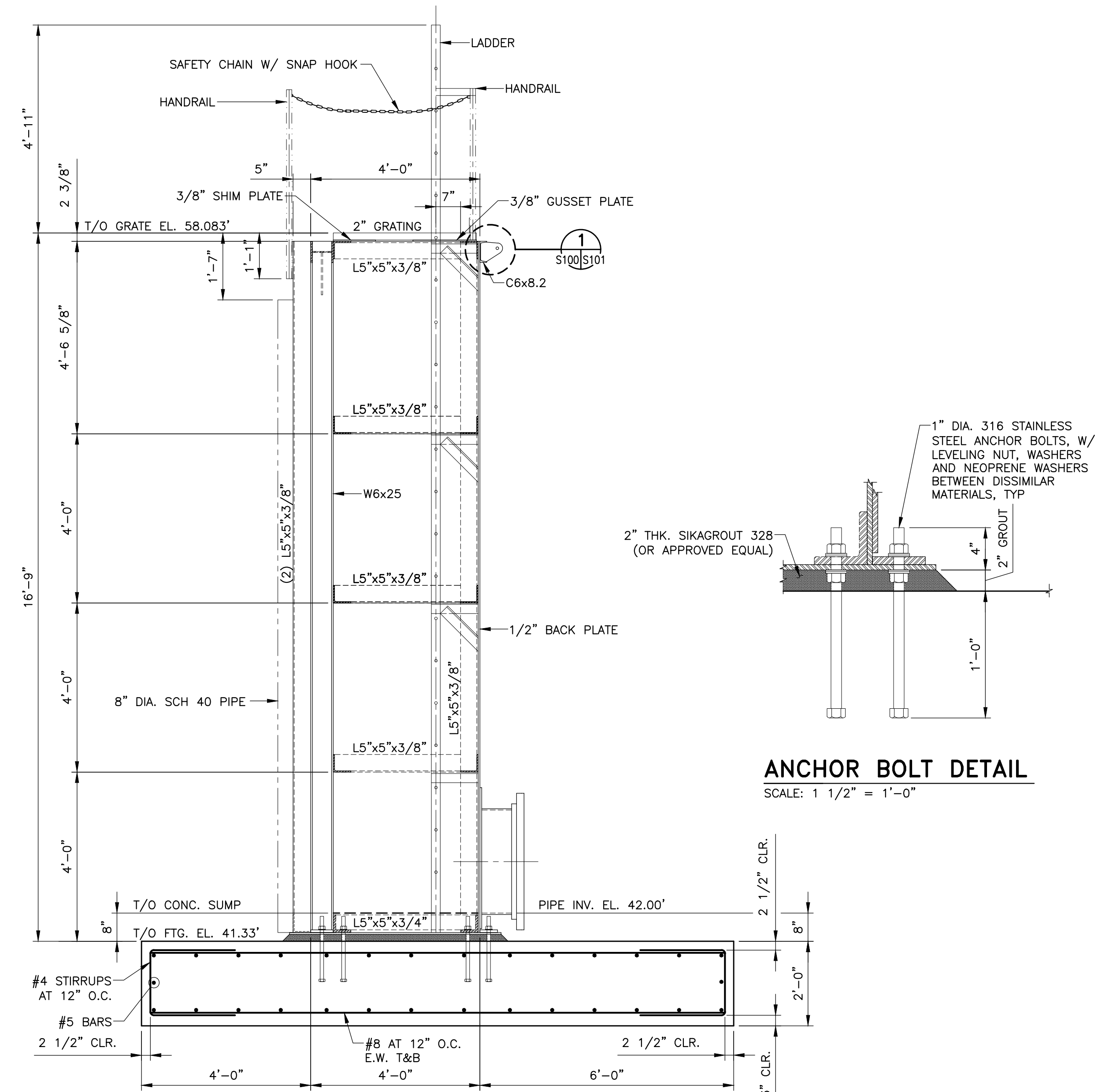
**WEIR BOX PLAN**

SCALE: 1/2" = 1'-0"



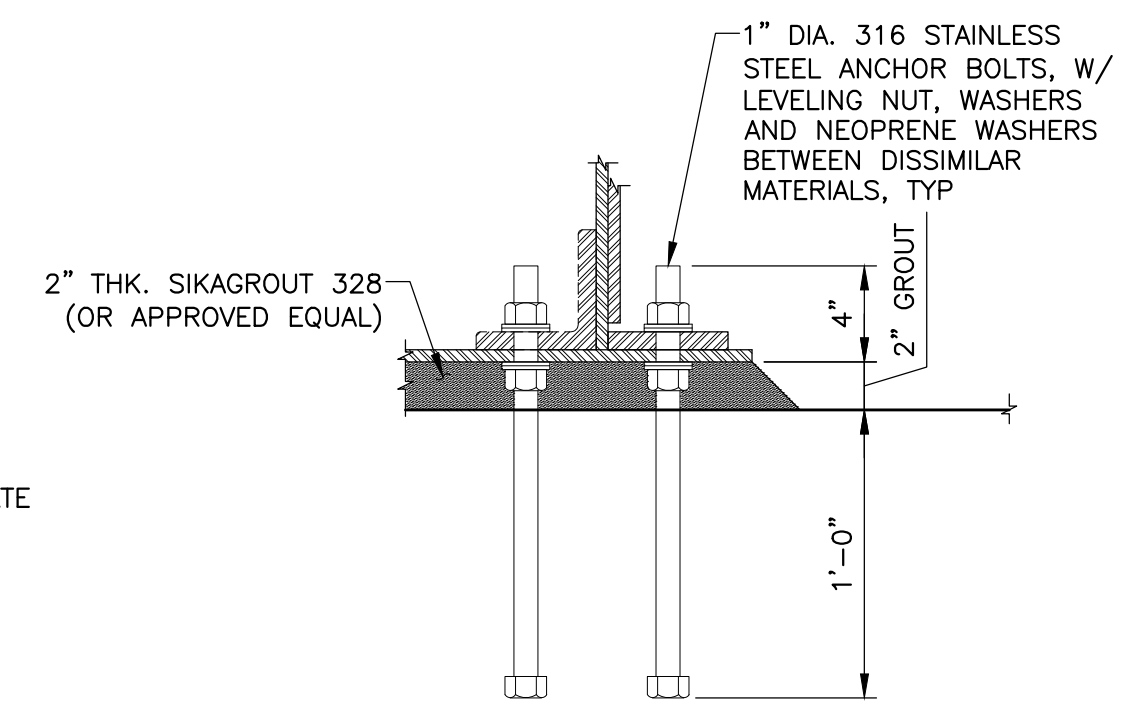
**WEIR BOX FOUNDATION PLAN**

SCALE: 1/2" = 1'-0"



**SIDE ELEVATION**

SCALE: 1/2" = 1'-0"



**ANCHOR BOLT DETAIL**

SCALE: 1 1/2" = 1'-0"

**NOTES:**

- SEE SHEET G002 AND G003 FOR GENERAL CONSTRUCTION NOTES.
- WEIR BOX SHALL BE COATED INSIDE AND OUT WITH COAL TAR EPOXY, 16 MIL MINIMUM DRY FILM THICKNESS. PREPARATION AND APPLICATION SHALL BE PER COATING MANUFACTURER'S WRITTEN INSTRUCTIONS.
- ALL STRUCTURAL STEEL SHAPES AND PLATES SHALL BE ASTM A-36 OR A-992. WELDS NOT SPECIFICALLY NOTED, SHALL BE AT A MINIMUM, 1/16" LESS THAN THE THINNEST MATERIAL JOINED.
- FABRICATOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED TO PREVENT DISTORTION AND RACKING OF THE WEIR BOX DURING LIFTING OPERATIONS.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE TIE BACKS AND/OR ANCHORAGE AS NECESSARY TO SECURE THE WEIR BOX AGAINST OVERTURNING AFTER PLACEMENT AND DURING DIKE CONSTRUCTION.
- FILL BOTTOM OF BOX TO THE PIPE INVERT WITH LEAN CONCRETE AS A WEARING SURFACE (6"± THICK)
- ESTIMATED LIFT WEIGHT OF BOX WITHOUT CONCRETE, DECK, GANGWAY, WINGWALL, OR BOARDS IS 20,000 LBS.
- THE WEIR BOX WAS DESIGN TO ACCOMMODATE A FUTURE 4-FT EXTENSION.
- ALL WEIR BOARDS ARE TO BE .6 CCA TREATED. THE CONTRACTOR IS TO PROVIDE AND STOCKPILE ON SITE.
- WEIR GRATING IS TO BE UNSECURED 4-FT BY 4-FT PANELS OF 2"x2" CORVEX FRP GRATING.
- EXCAVATE FOUNDATION ADDITIONAL 2'-0" TO REACH TOP OF N=18 MATERIAL SHOWN ON THE DRAWING C103. ENGINEER SHALL VERIFY EXCAVATION DEPTH PRIOR TO PLACEMENT OF SELECT GRAVEL.
- WEIR BOX IS TO BE FABRICATED IN SUCH A WAY AS TO ENSURE ALL WEIR BOARDS SLOTS WILL HAVE THE EXACT SAME WEIR BOARD LENGTH.

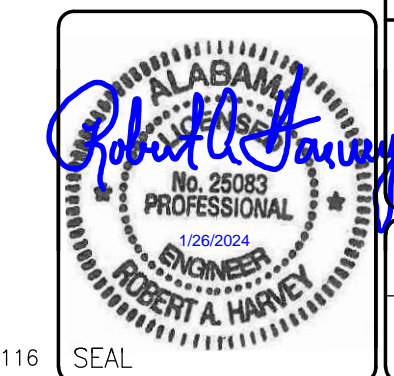
Mark	Description	Date	Appr.
1	ISSUE FOR BID	01/26/24	MJW

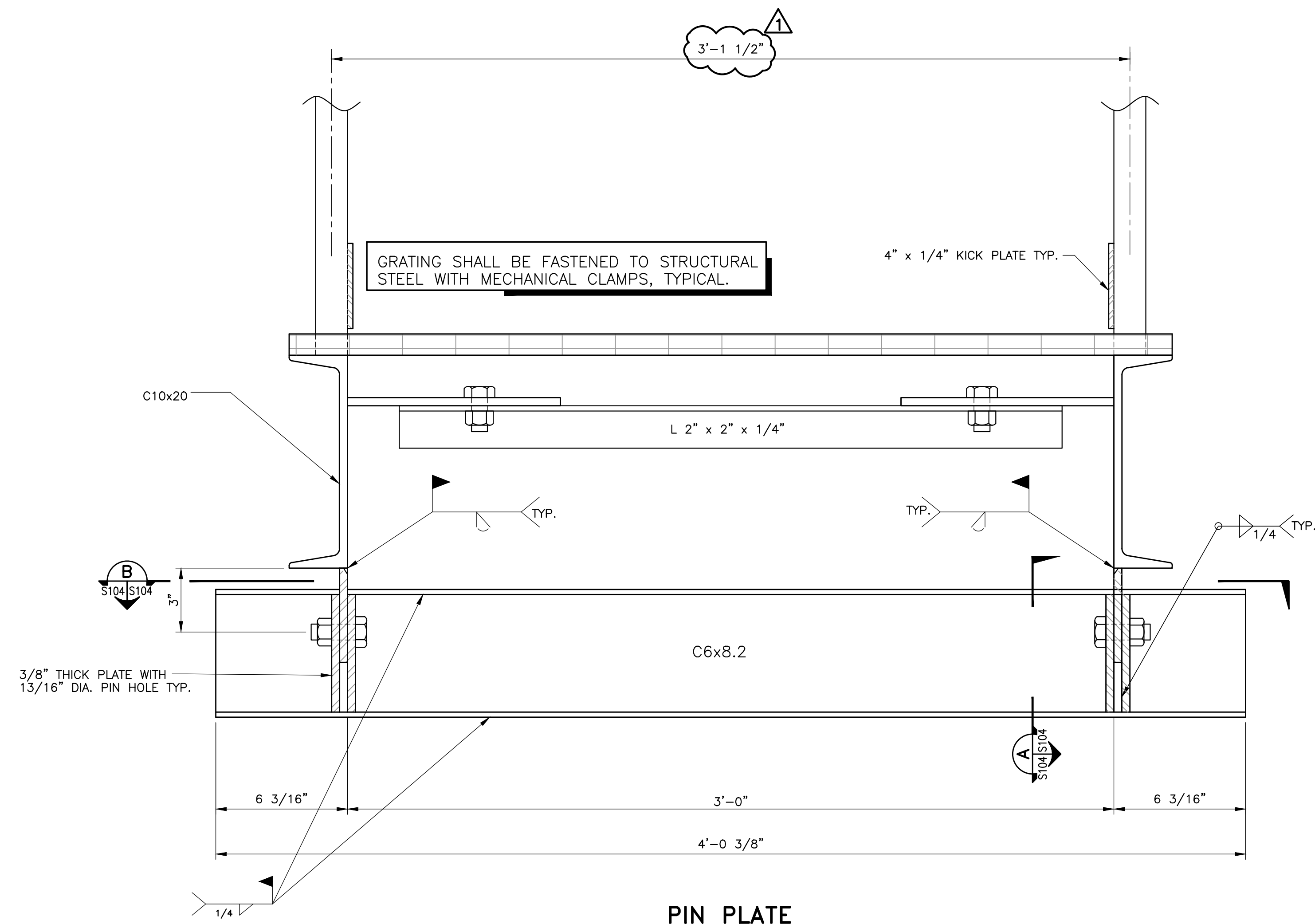
**ALABAMA STATE PORT AUTHORITY**  
MOBILE, ALABAMA  
2970 COTTAGE HILL ROAD, SUITE 190  
MOBILE, ALABAMA 36606  
(251)666-2443

**EAST MUD LAKES WEIR BOX REPLACEMENT**

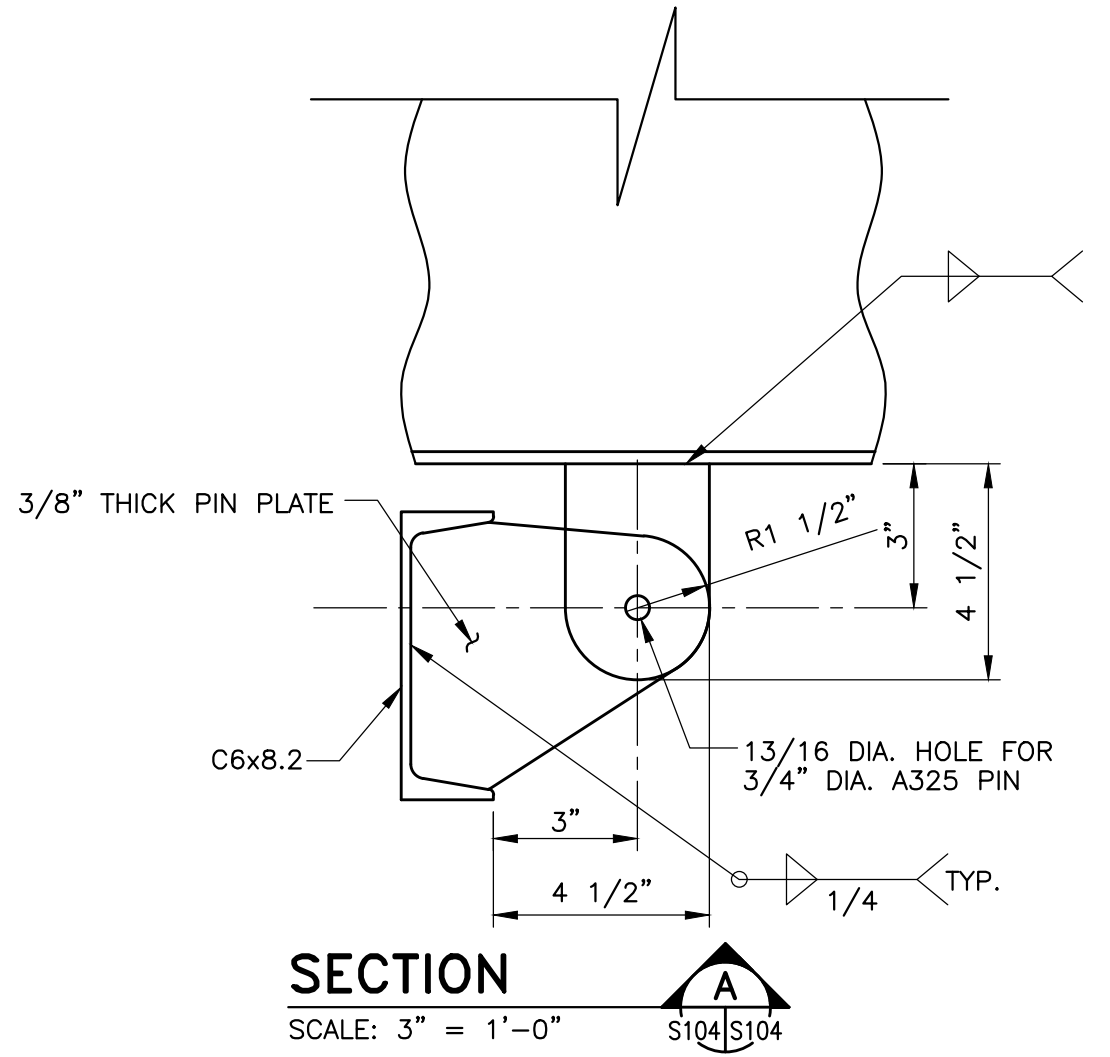
**WEIR BOX REPLACEMENT  
WEIR BOX PLAN, FOUNDATION  
PLAN AND SIDE ELEVATION**

Date: 8/25/23	Designed by: RAH	Drawn by: TPT	ASPA No. 11362	Sheet No. S100	Rev. 0
Ckd by: RAH	Reviewed by: MJW	Submitted by: MJW	Plot scale: 1:1	Drawing 8 of 13	

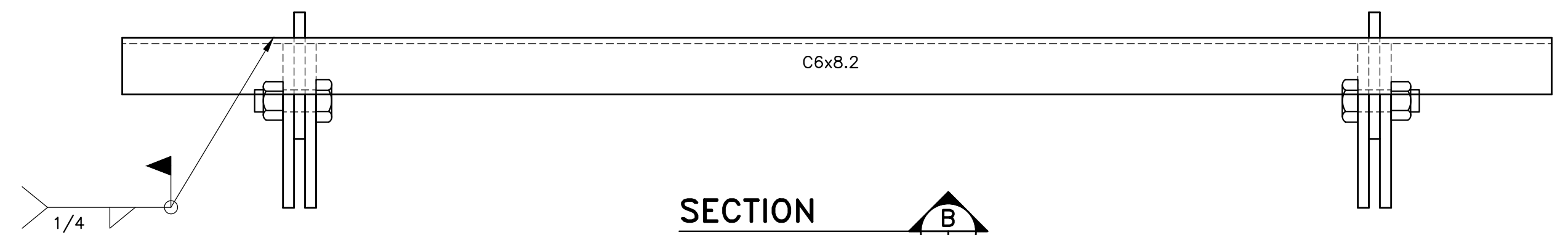




**PIN PLATE**  
SCALE: 3" = 1'-0"

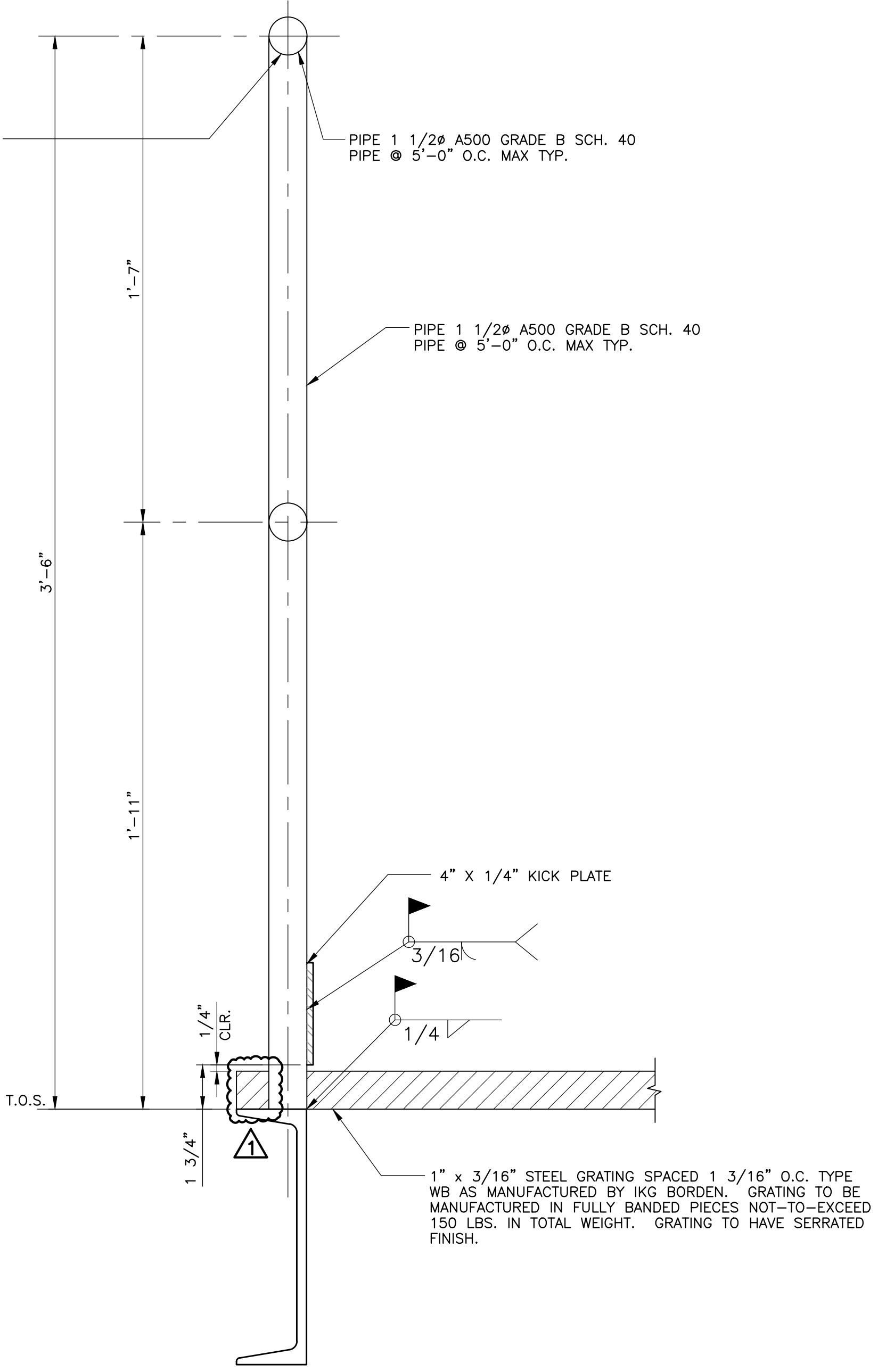


**SECTION A-A**  
SCALE: 3" = 1'-0"



**SECTION B-B**  
SCALE: 3" = 1'-0"

ALL WELDS, BURRS AND SHARP EDGES ARE TO BE GROUND SMOOTH.



**STANDARD HANDRAIL**  
SCALE: 3" = 1'-0"

**GENERAL NOTES FOR STANDARD HANDRAIL**

1. ALL STEEL SHALL BE DESIGNED, FABRICATED & ERECTED IN ACCORDANCE WITH THE LATEST CODES AND SPECIFICATIONS OF THE AISC AND LOCAL CODES.
2. ALL STEEL SHALL BE ASTM A36 UNLESS NOTED.
3. HANDRAILS AND POSTS SHALL BE 1 1/2" STANDARD BLACK PIPE, WITH POSTS AT FIVE FOOT MAXIMUM SPACING.
4. KICKPLATE SHALL BE 1/4" X 4" PLATE.
5. GRATING SHALL BE STANDARD RECTANGULAR PATTERN GRATING TREADS WITH SIZE AS SHOWN ON DRAWING.
6. ALL STRUCTURAL AND MISCELLANEOUS ITEMS SHALL CONFORM TO THE REQUIREMENTS OF THE RULES AND REGULATIONS OF OSHA.

Mark	Description	Date	Appr.
1	ISSUE FOR BID	01/26/24	MJW

**ALABAMA STATE PORT AUTHORITY**  
MOBILE, ALABAMA

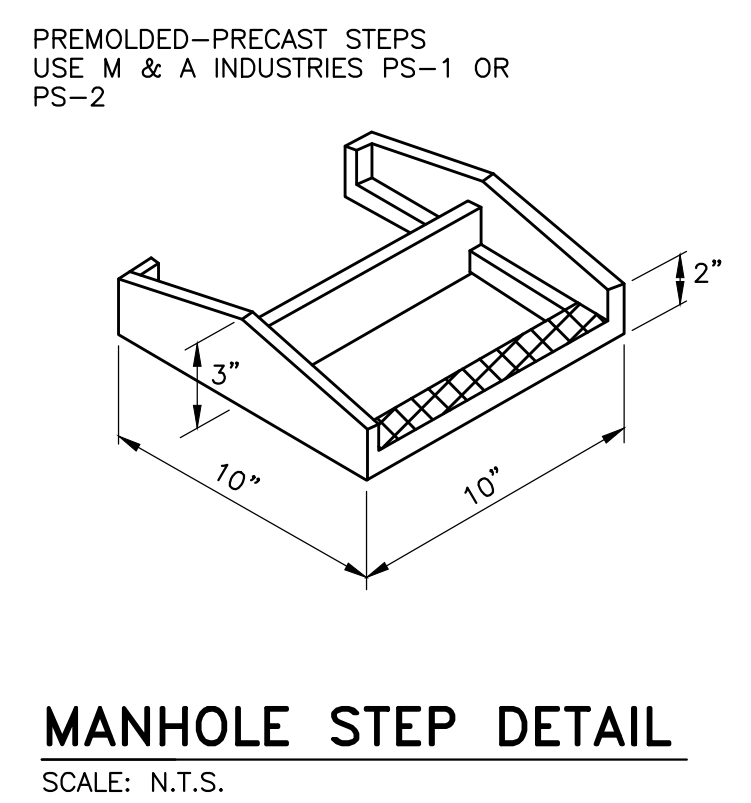
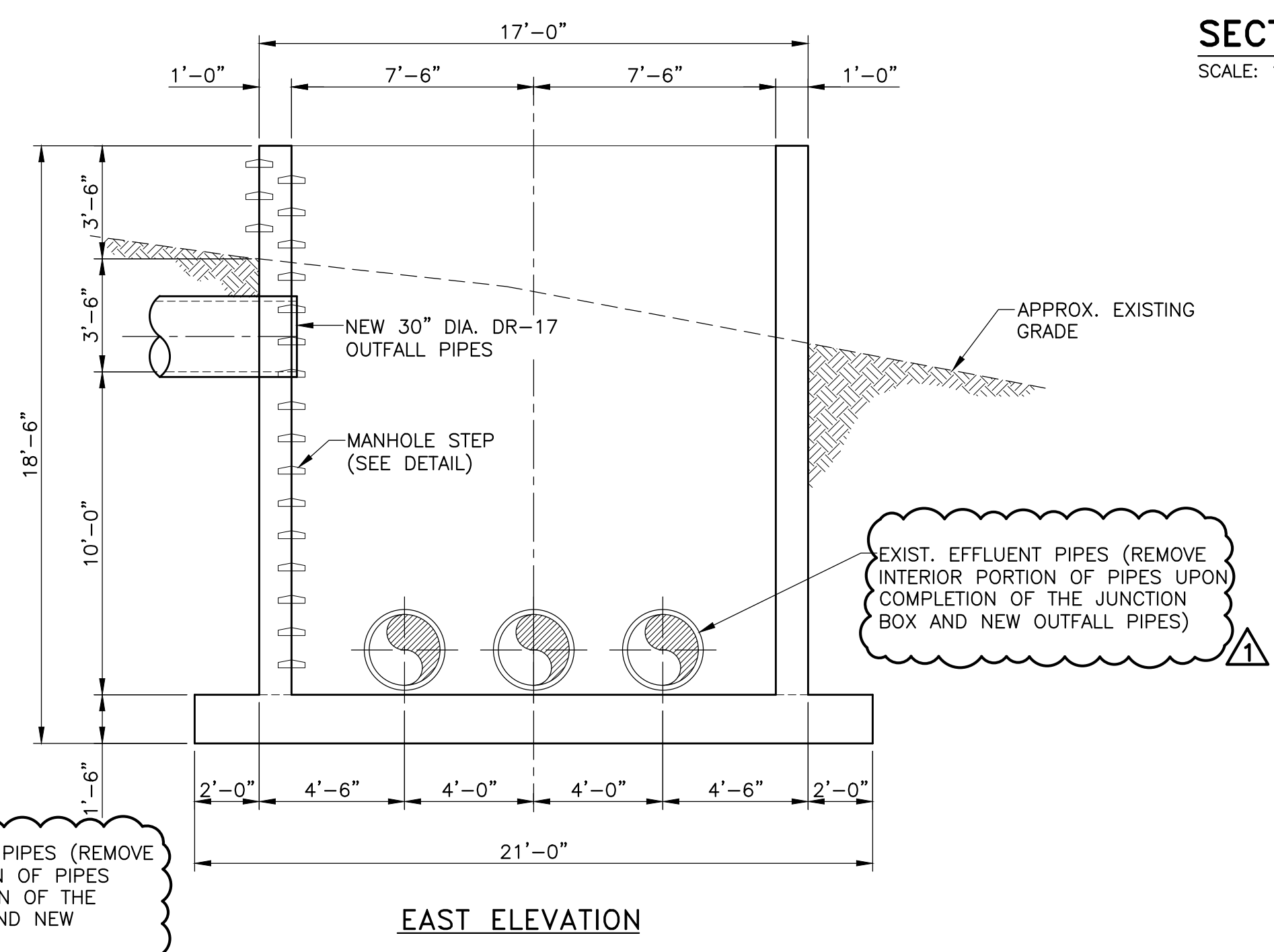
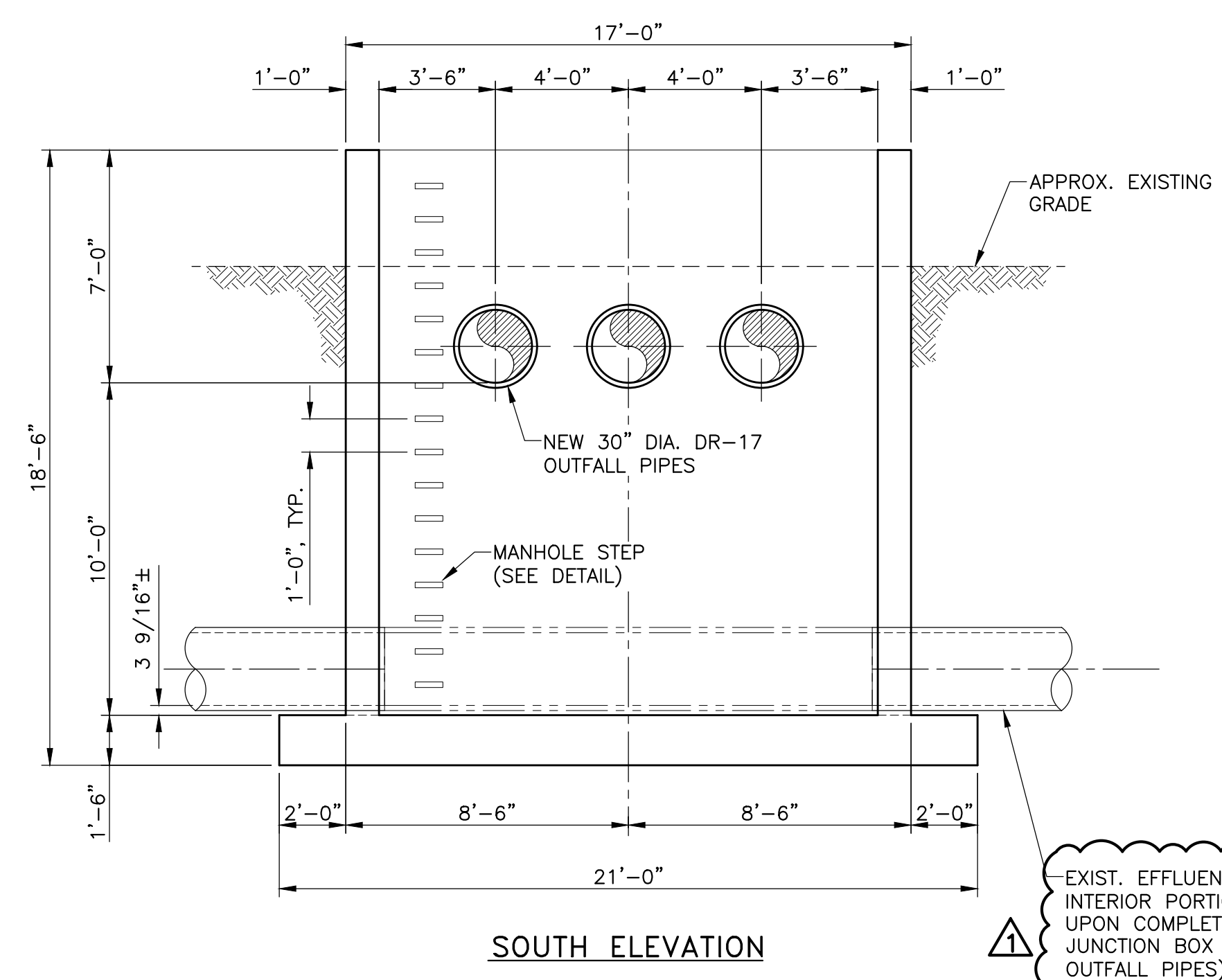
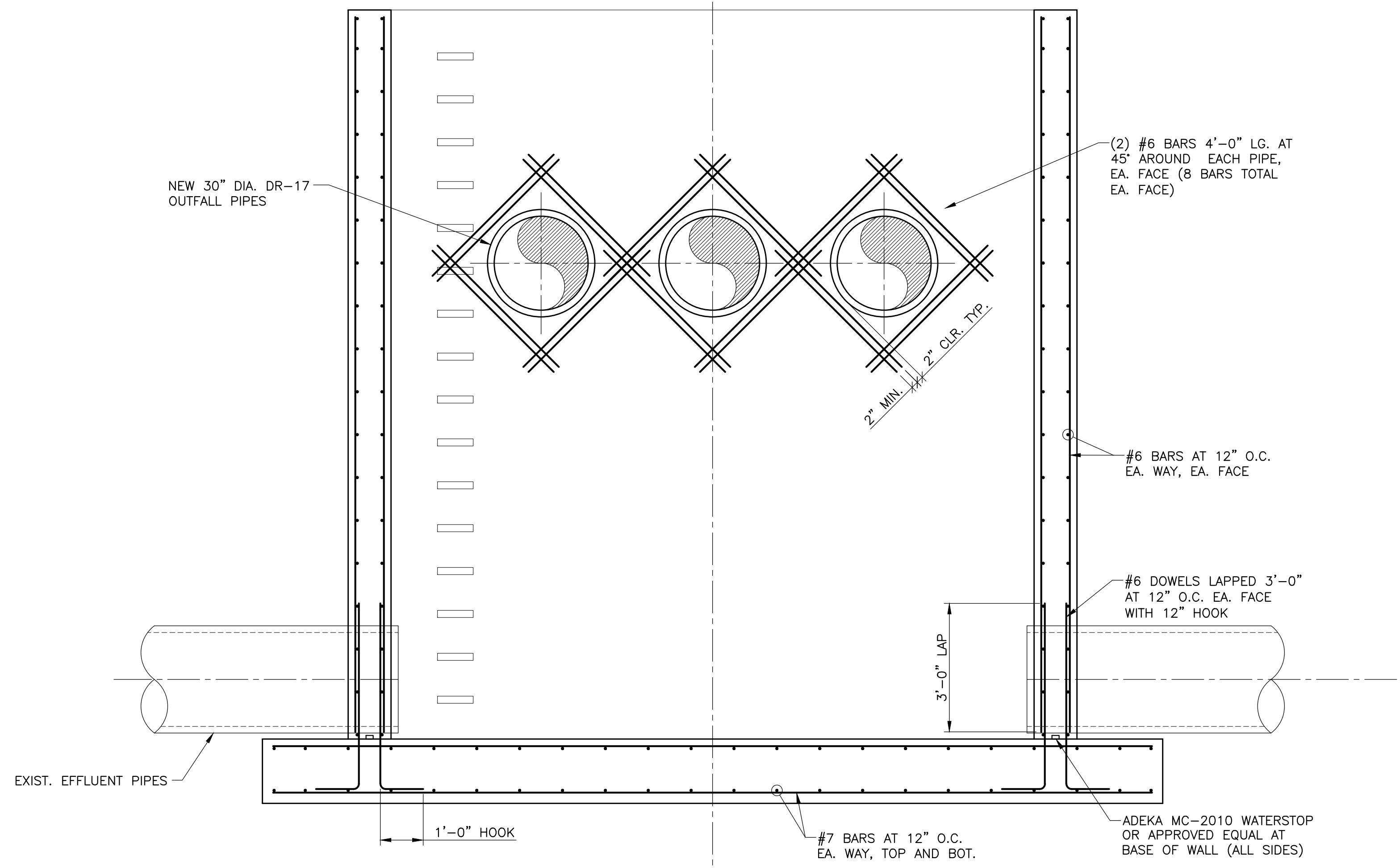
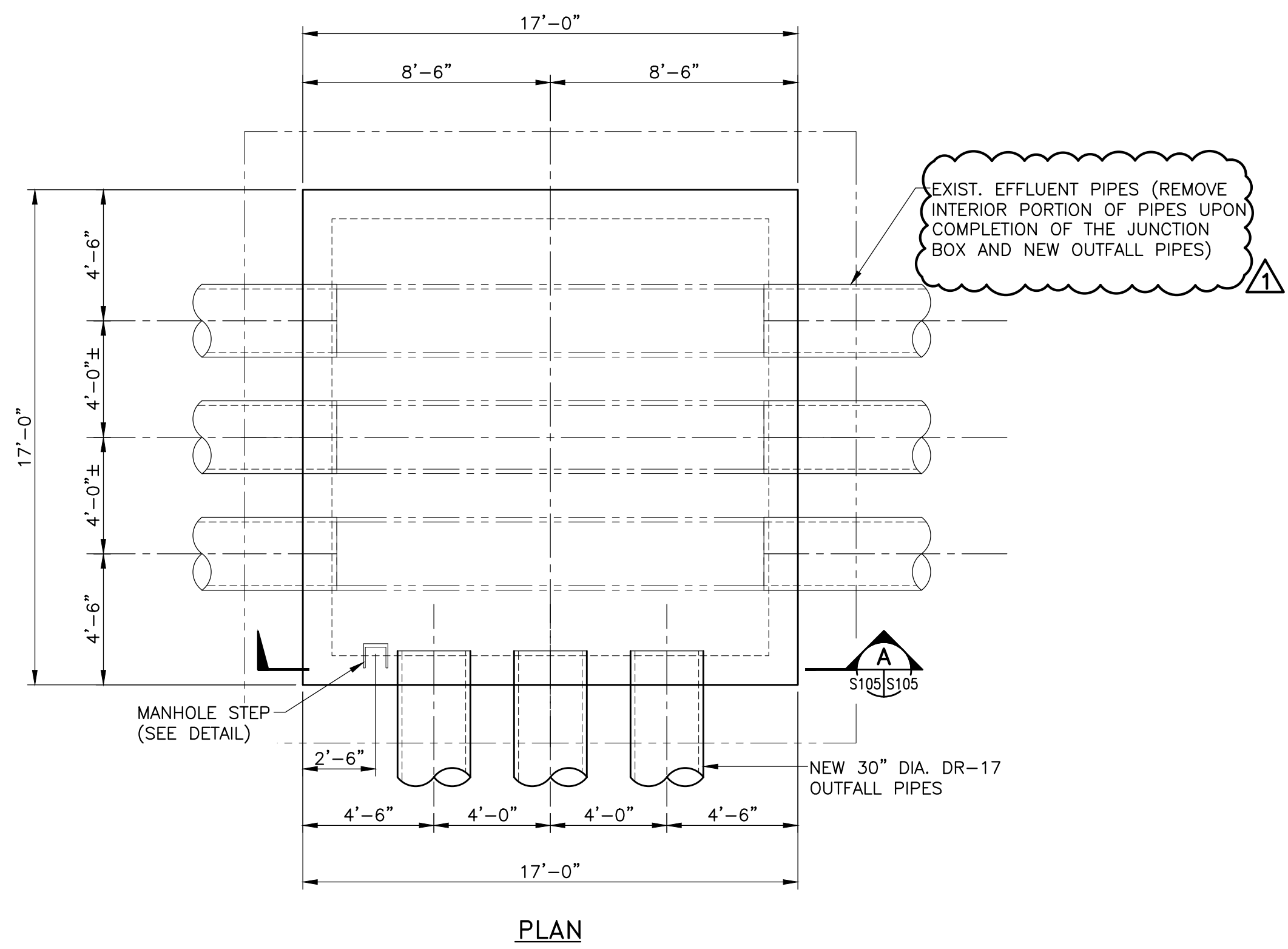
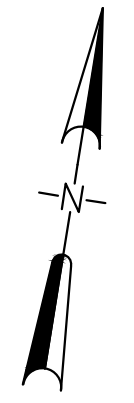
thompson ENGINEERING  
2970 COTTAGE HILL ROAD, SUITE 190  
MOBILE, ALABAMA 36606  
(251)666-2443

**EAST MUD LAKES WEIR BOX REPLACEMENT**

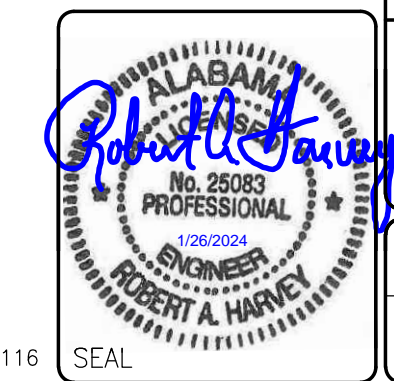
**WEIR BOX REPLACEMENT ACCESS RAMP SECTIONS AND DETAILS**



Date: 8/25/23	Designed by: RAH	Drawn by: TPT	ASPA No.: 11362	Sheet No.: S104	Rev.: 0
Ckd by: RAH	Reviewed by: MJW	Submitted by: MJW	Plot scale: 1:1	Drawing 12 of 13	



**JUNCTION BOX DETAIL**  
SCALE: 1/4" = 1'-0"

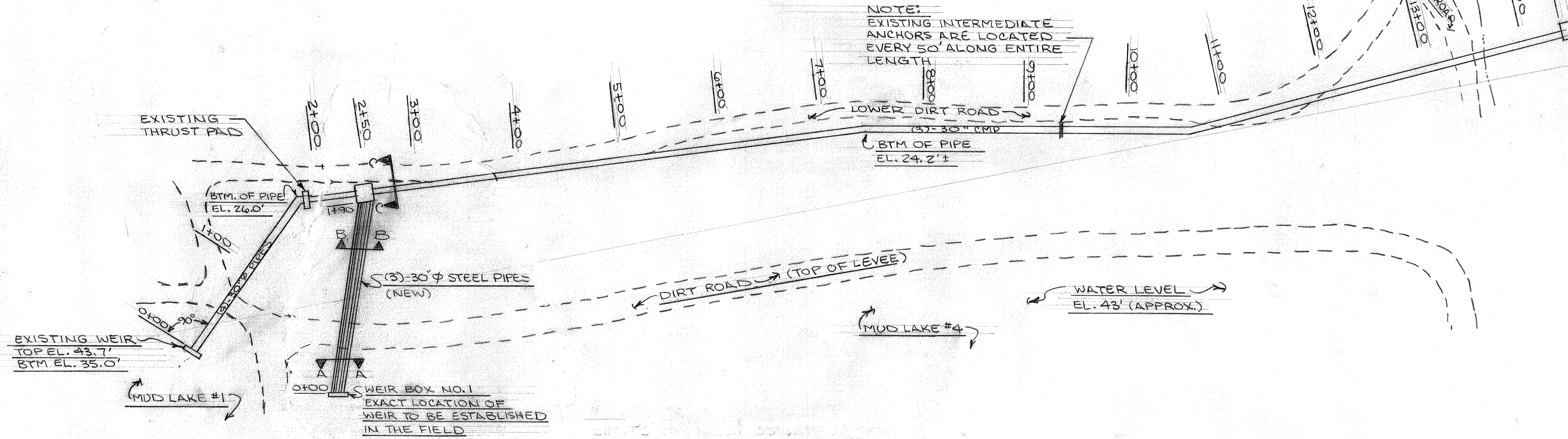


1	ISSUE FOR BID	01/26/24	MJW
Mark	Description	Date	Appr.
<b>ALABAMA STATE PORT AUTHORITY</b> MOBILE, ALABAMA			
<b>thompson ENGINEERING</b>			
2970 COTTAGE HILL ROAD, SUITE 190 MOBILE, ALABAMA 36606 (251) 666-2443			
<b>EAST MUD LAKES WEIR BOX REPLACEMENT</b>			
<b>JUNCTION BOX PLAN, SECTIONS, AND DETAILS</b>			
Date:	Designed by:	Drawn by:	ASPA No.
8/25/23	RAH	TPT	11362
Ckd by:	Reviewed by:	Submitted by:	Plot scale:
RAH	MJW	MJW	1:1
Sheet No.	Rev.		
S105	1		
Drawing 13 of 13			

THOMPSON NO.: 23-1101-0116

DATE	
BY	
NO.	
PLAN	
SURVEYED	
PLOTTED	
NOTE BOOK	
ALIGNMENT CHECKED	
BY: DATE	
BY: DATE	
BY: DATE	

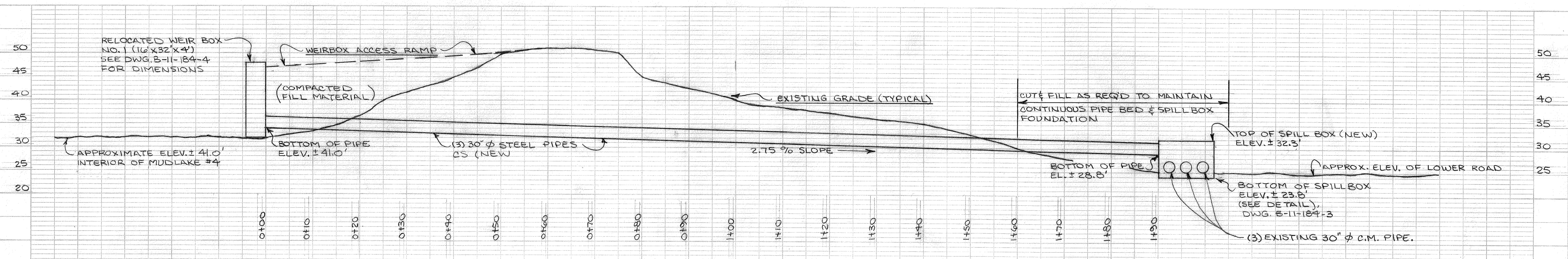
REQUIRED WEIR & PIPELINE CONSTRUCTION



NOTE:  
EXISTING INTERMEDIATE  
ANCHORS ARE LOCATED  
EVERY 50' ALONG ENTIRE  
LENGTH

PLAN VIEW  
SCALE: AS SHOWN

DATE	
BY	
NO.	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
BY: DATE	
BY: DATE	
BY: DATE	



ALABAMA STATE DOCKS	
MOBILE, ALABAMA	
REQUIRED WEIR & PIPELINE CONSTRUCTION	
MUDLAKE LEVEE RAISING	
DWG. BY: LRH	DATE: 9-10-91
CHKD. BY:	DATE:
REVISIONS	
BY: DATE	BY: DATE
SCALE: NOTED	
DRAWING NO. B-11-184-2	



NORTH

# PHASE 2

3-30"Ø I.D. x 345' @ 4.00% ADS DRAINAGE PIPES OR APPROVED EQUAL

# PHASE 1

NEW JUNCTION BOX #2  
SEE DWG. ED-1-135  
INVERT IN =14.55 @ X COORDINATE=10,872.71  
INVERT OUT=14.05 @ Y COORDINATE=10,152.51

# PHASE 1

3-30"Ø I.D. x 820' @ 1.14% ADS DRAINAGE PIPES OR APPROVED EQUAL

# PHASE 1

NEW JUNCTION BOX #1  
SEE DWG. ED-1-135  
INVERT IN (SOUTH)=23.9'  
INVERT IN (WEST)=25.3 @ X COORD=10,043.63  
INVERT OUT=23.9 @ Y COORD=10,094.45

# PHASE 2

3-30"Ø x .375 x170' @ 1.00% CARBON STEEL PIPES SSPC-SP10 BLAST & 20 MIL COAL TAR EPOXY COATING

EXISTING DISCHARGE LINE TO BE REMOVED FROM SERVICE. AS MUCH PIPE AS POSSIBLE WILL BE REUSED ON THE PRIMARY OUTFALL. 2-EXISTING RUNS OF 30" ID HDPE x380'-0" CONTRACTOR TO EXCAVATE & REINSTALL THIS PIPE AS PART OF THE PROPOSED PRIMARY PIPELINE TO THE EXTENT POSSIBLE

END OF 3-30" ID HDPE PIPE LINES  
CONTRACTOR SHALL PROVIDE 24" DEPTH OF CLASS III RIP RAP OVER 30'x30' AREA SI (SYNTHETIC INDUSTRIES) 801  
INVERT =.25  
@ X COORDINATE=11,210.58  
@ Y COORDINATE=10,250.42

2-EXIST. 30" ID HDPE x20'-0" INVERT IN =2.4  
INVERT OUT=2.0  
@ X COORDINATE=11,110.53  
@ Y COORDINATE=10,250.63  
BOTH PIPES WILL REQUIRE REMOVAL /REINSTALLATION & REINSTALLATION OF RIP RAP

WEST LAKE

EAST LAKE

NEW WEIR BOX #2  
SEE DWG. ED-1-136  
INVERT OUT =27.00  
@ X COORDINATE=9868.10  
@ Y COORDINATE=10,043.59

EXISTING WEIR BOX TO BE ABANDONED IN PLACE. CONTRACTOR TO INSTALL 3-30"Ø STEEL CAPS ON EXIST. DISCHARGE LINES & FILL BOX WITH SAND/SILT  
INVERT OUT=27.11'

EXISTING WEIR BOX #1 TO BE MODIFIED (4' EXTENSION)  
SEE DWG. B-11-184-4 REV. 1  
INVERT OUT =32.55  
TOP OF WEIR BOX=45.63  
@ X COORDINATE=10,028.25  
@ Y COORDINATE=9,990.49

REUSE EXCAVATED LEVEE MATERIAL AND PLACE IN 12" LIFTS COMPACTED TO 95% MODIFIED PROCTOR DENSITY

CONTRACTOR SHALL INSTALL 6" METAL MARKER POST @ 150' C/C FOR FUTURE LOCATION OF LINES

36" MIN. COVER (TYP) SILTY OVERLAYMENT FROM DESIGNATED AREA IN WEST LAKE (SEE DWG. ED-1-145)

SELECT SANDY BACKFILL FROM DESIGNATED AREA IN WEST LAKE (SEE DWG. ED-1-145)

### NOTES:

- EXISTING TOPOGRAPHIC COORDINATES AND ELEVATIONS ARE BASED UPON AN ASSIGNED BENCH MARK DATUM AND DO NOT REFLECT AN OFFICIALLY RECOGNIZED POINT COORDINATE OF ELEVATION. ALL COORDINATES AND ELEVATIONS ARE TRUE IN REFERENCE TO THE ASSIGNED BENCH MARK. BENCH MARK LOCATIONS PT 20, PT 55, PT 58.
- CONTRACTOR IS TO CLEAR THE ROUTE OF PROPOSED PIPELINES AND VERIFY COMPATIBILITY OF ELEVATIONS/GRADES PRIOR TO STARTING PIPE AND JUNCTION BOX INSTALLATIONS.
- STORMWATER RUNOFF FROM EAST AND WEST LAKES MUST BE MAINTAINED DURING THE COURSE OF THE PROJECT. THIS WILL REQUIRE PHASE CONSTRUCTION SIMILAR TO THAT SHOWN.
- THE LEACHATE POOLED IN DITCH IS CAUSTIC IN NATURE WITH A PH RANGE OF 11.5 TO 12.5. SAFETY PRECAUTIONS SHOULD BE IMPLEMENTED AND FULLY ADHERED TO PREVENT EYE AND SKIN CONTACT WITH CAUSTIC WATERS.

## SECTION A-A @ LEVEE CROSSING

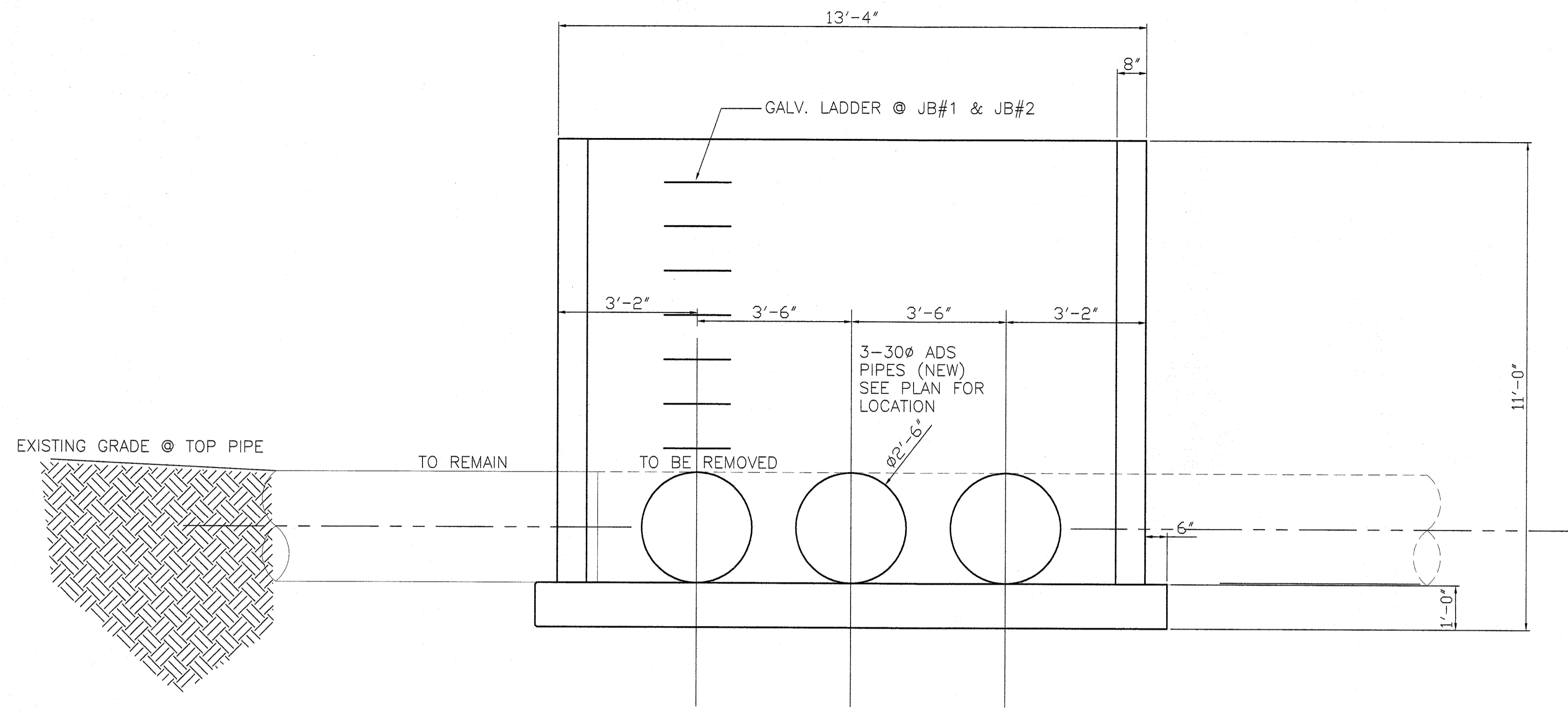
## SECTION B-B @ PIPELINE ROUTE

REV NO.	DATE	BY	REVISION

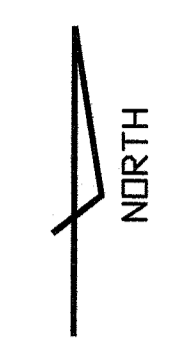
MOBILE ALABAMA STATE PORT AUTHORITY ALABAMA

DREDGE MATERIAL MANAGEMENT AREA DISCHARGE LINE & WEIR BOX REPLACEMENT PROJECT PROJECT LAYOUT & GEOMETRY

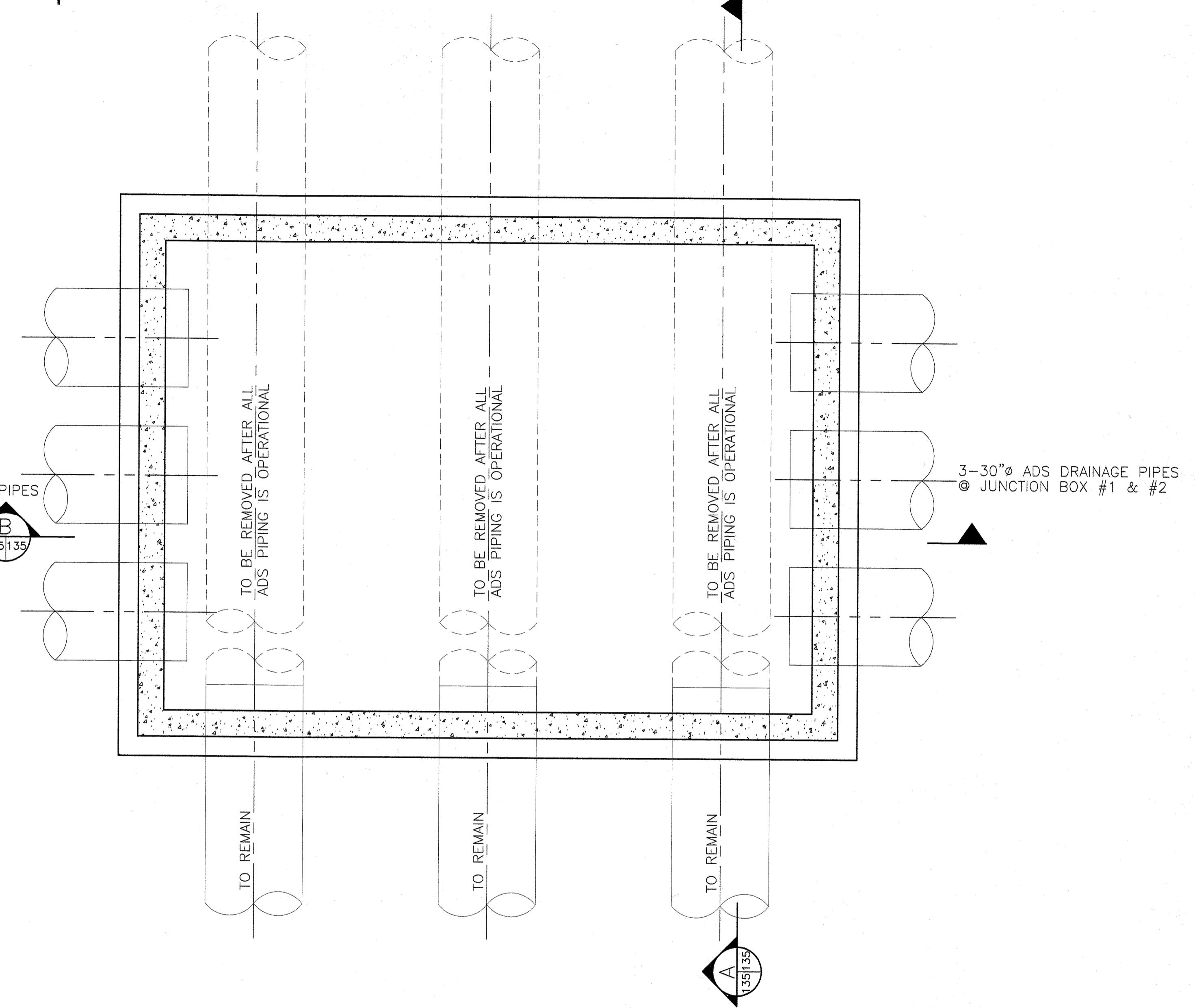
DWG BY:	DATE:	REVISIONS				SCALE:
J.M.P.	2/2/04	BY:	DATE:	BY:	DATE:	1"=60'-0"
CHKD. BY:	DATE:					DRAWING NO.:
						ED-1-134



**SECTION A-A**  
SCALE 1/2"=1'-0"

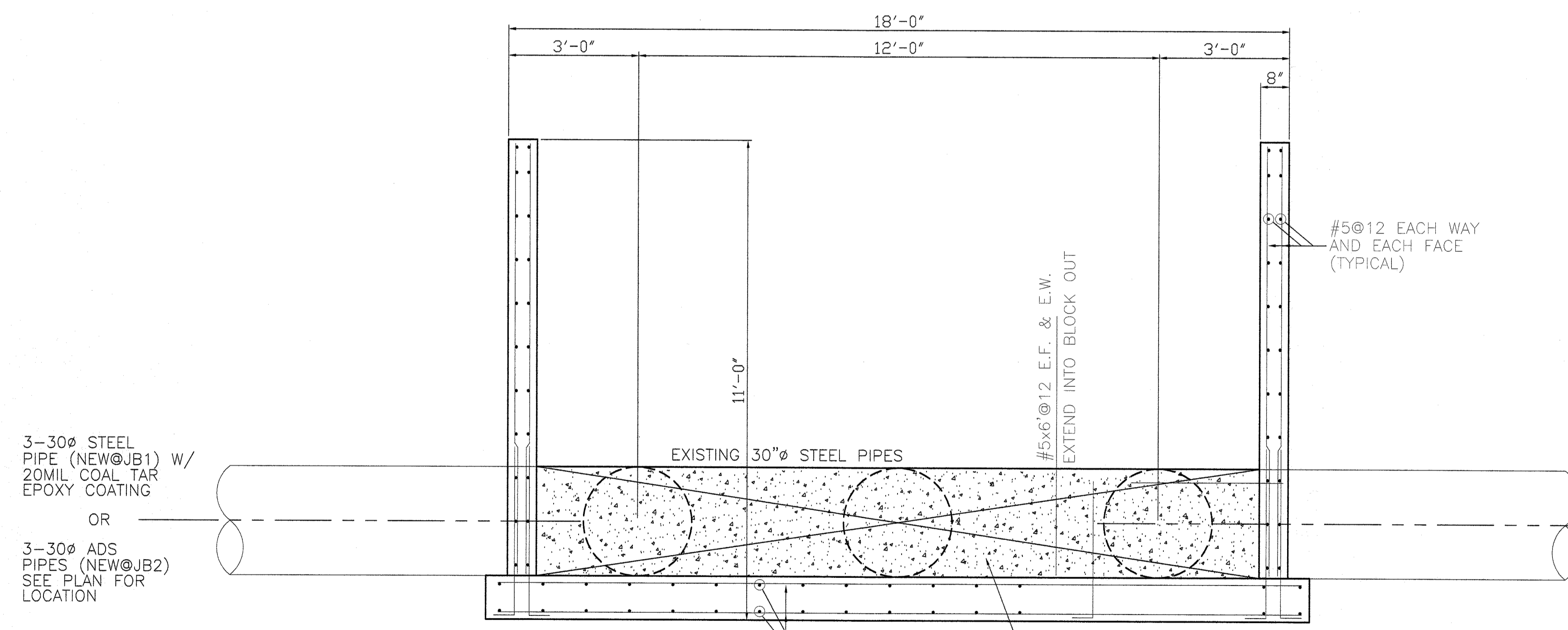
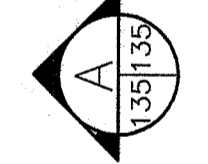
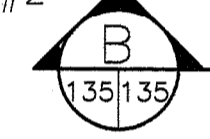


3-30" EXISTING STEEL PIPES @ JUNCTION BOX #1 ONLY. MUST REMAIN IN SERVICE TO MAINTAIN STORM WATER RUNOFF FROM EAST & WEST LAKE UNTIL 3-NEW 30" ADS DISCHARGE LINES ARE FULLY OPERATIONAL.



**PLAN VIEW JUNCTION BOX #1**  
(JUNCTION BOX #2 SIMILAR)  
SCALE 1/2"=1'-0"

3-30" STEEL PIPES @ JUNCTION BOX #1  
OR  
3-30" ADS DRAINAGE PIPES @ JUNCTION BOX #2



**SECTION B-B**  
SCALE 1/2"=1'-0"

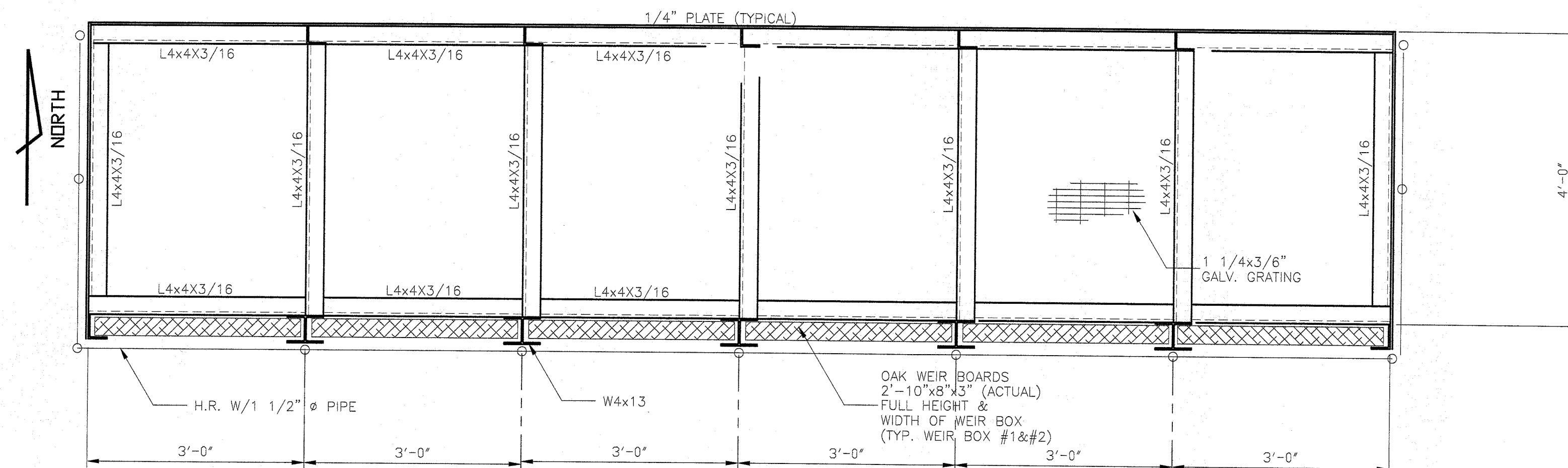
NOTE:  
INDICATES BLOCK OUT FOR EXISTING PIPING. SECONDARY POUR REQUIRED AFTER PIPING REMOVAL TO CLOSE BLOCKOUT. CONTRACTOR SHALL ROUGHEN THE SURFACE ON ALL FACES PRIOR TO MAKING SECONDARY POUR

REV NO.	DATE	BY	ISSUED FOR BID
2/2/04	2/2/04	J.M.P.	ISSUED FOR BID

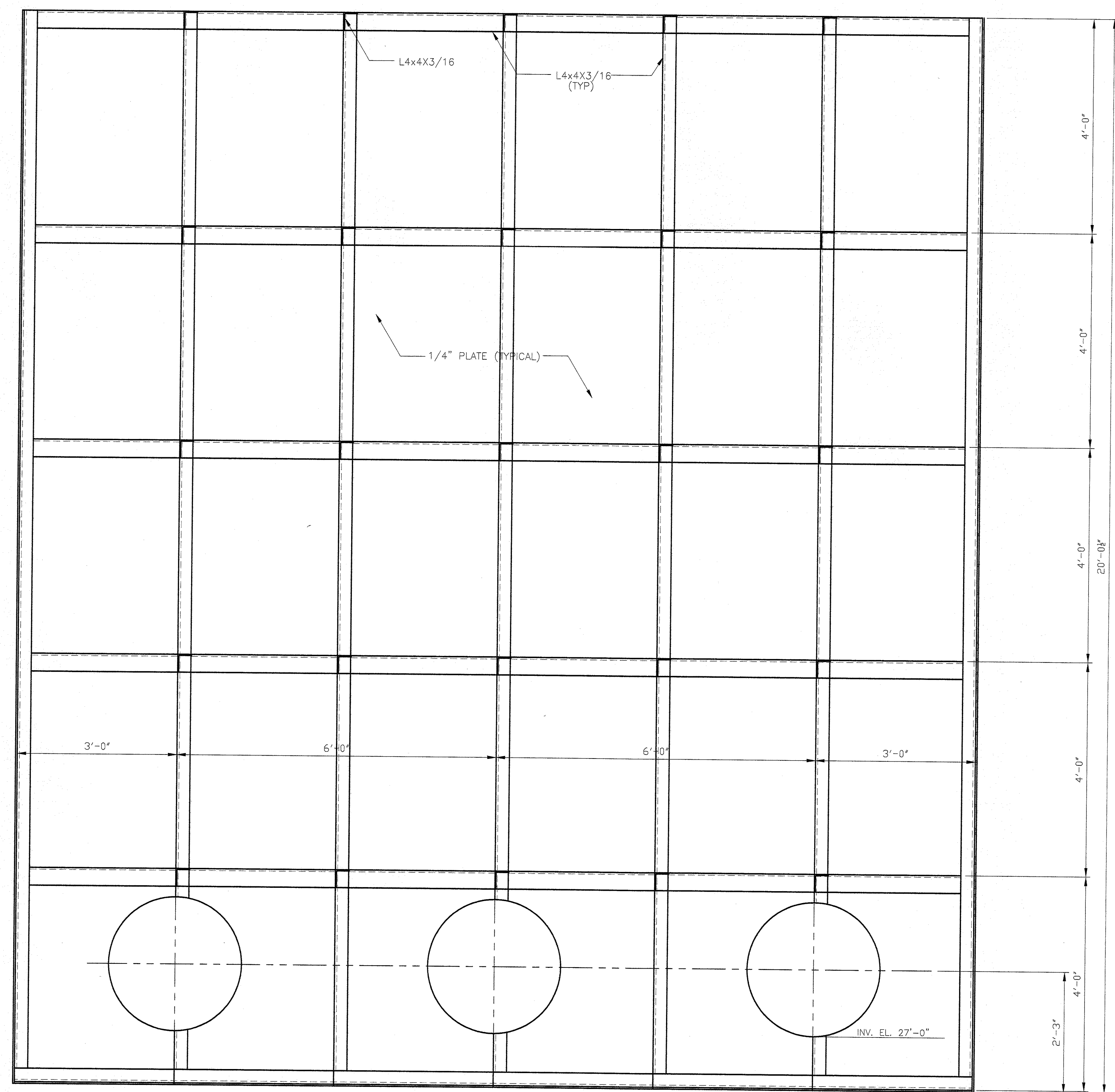
MOBILE ALABAMA STATE PORT AUTHORITY ALABAMA

DREDGE MATERIAL MANAGEMENT AREA  
DISCHARGE LINE & WEIR BOX REPLACEMENT PROJECT  
JUNCTION BOX #1 (JB #2 SIMILAR)

DWG BY:	DATE:	REVISIONS				SCALE:
J.M.P.	2/2/04	BY:	DATE:	BY:	DATE:	1/2"=1'-0"
CHKD. BY:	DATE:					DRAWING NO.:
						ED-1-135

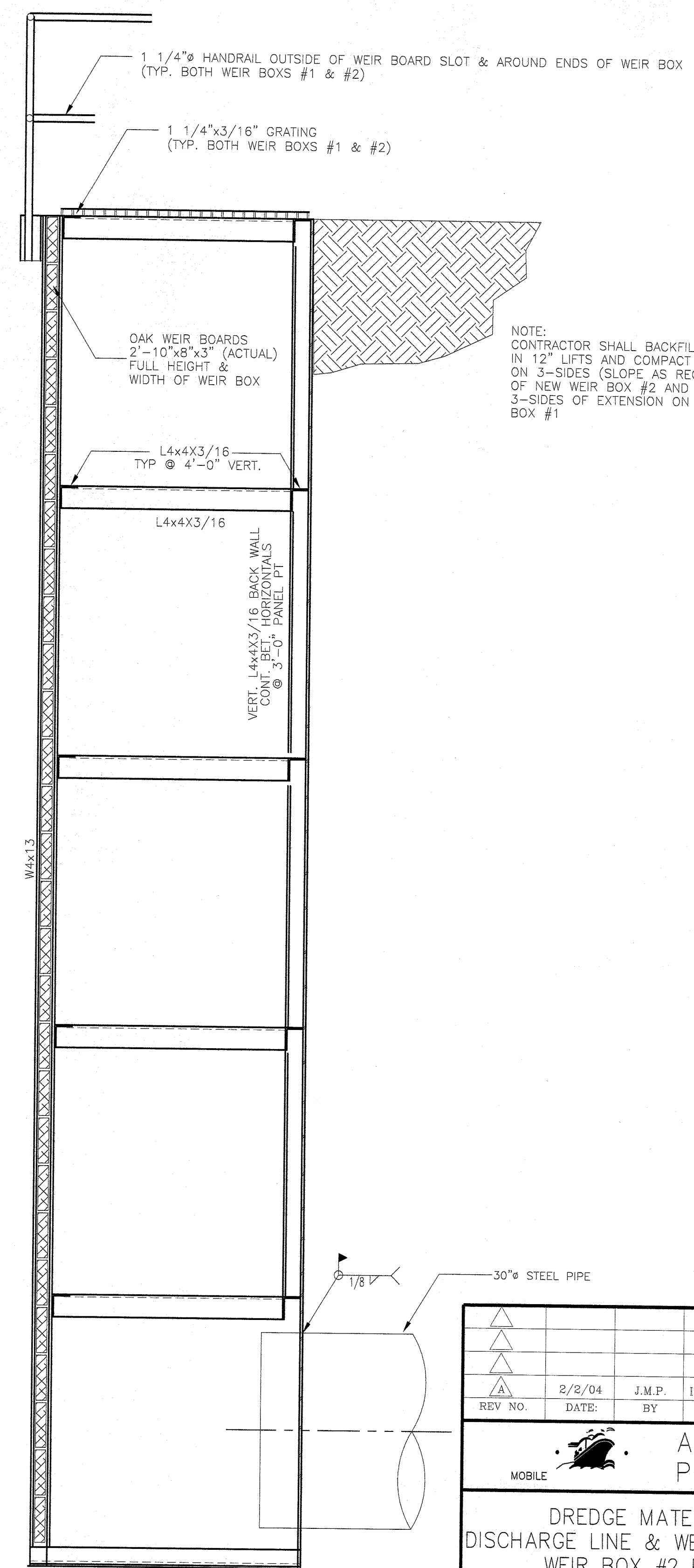


PLAN @ ELEVATION 46'-0"  
SCALE 3/4"=1'-0"



SECTION A-A  
SCALE 3/4"=1'-0"

NOTE:  
ALL STEEL TO RECEIVE SSPC-SP10 "NEAR WHITE BLAST"  
CLEANING AFTER FABRICATION. SURFACE COATING SHALL  
BE 20 MIL COAL TAR EPOXY.



NOTE:  
CONTRACTOR SHALL BACKFILL  
IN 12" LIFTS AND COMPACT  
ON 3-SIDES (SLOPE AS REQUIRED)  
OF NEW WEIR BOX #2 AND  
3-SIDES OF EXTENSION ON WEIR  
BOX #1

SECTION B-B  
SCALE 3/4"=1'-0"

REV NO.	DATE	BY	REVISION
A	2/2/04	J.M.P.	ISSUED FOR BID
 <b>ALABAMA STATE PORT AUTHORITY</b> ALABAMA			
<b>DREDGE MATERIAL MANAGEMENT AREA DISCHARGE LINE &amp; WEIR BOX REPLACEMENT PROJECT WEIR BOX #2 PLAN, SECTION &amp; DETAILS</b>			
DWG BY:	DATE:	REVISIONS	SCALE:
J.M.P.	2/2/04	BY: DATE: BY: DATE: BY: DATE:	1/2"=1'-0"
CHKD BY:	DATE:		DRAWING NO.:
			ED-1-136