

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	01

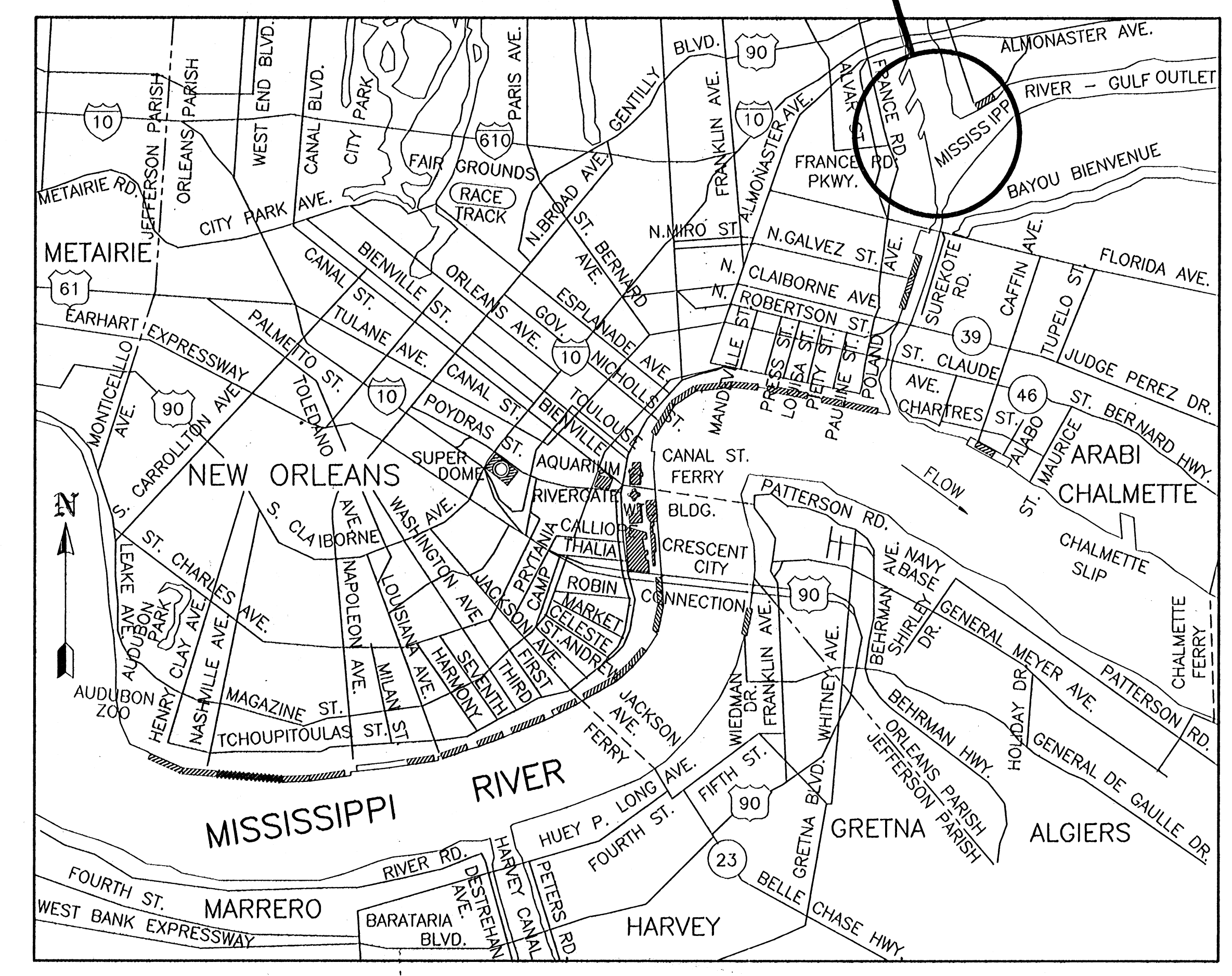
PORT OF NEW ORLEANS
PLANS OF PROPOSED
FLOOD CONTROL IMPROVEMENTS
TO TIDEWATER AREA FLOODWALL-SOUTH

STATE PROJECT No. 576-36-0005
 PORT PROJECT No. REQ000303
 (STA. 35+13.01 TO STA. 88+62.36)

FUNDED IN PART BY THE LOUISIANA STATEWIDE FLOOD CONTROL PROGRAM
 LOCATED IN ORLEANS PARISH

NOTE: FOR SHEET INDEX SEE SHEET 2

SITE OF WORK



LAYOUT MAP
0 1/2 1 MILE

PLANS PREPARED BY AND APPROVED BY

Paul Smyly
PYBURN AND ODOM, INC.

1/23/98
DATE

APPROVED

WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER, PORT OF NEW ORLEANS

DATE

APPROVED

KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING, PORT OF NEW ORLEANS

DATE

NOTE:
THE 1992 EDITION OF THE LOUISIANA D.O.T.D. STANDARD SPECIFICATIONS FOR
ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS
SHALL GOVERN ON THIS PROJECT.

TYPE OF CONSTRUCTION: [R.S. 37:2159]
HEAVY CONSTRUCTION - FLOODWALL, FLOODGATES AND
ASSOCIATED SITE WORK

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA	<table border="1" style="width: 100%;"> <tr> <td colspan="2" style="text-align: center;"> BOARD OF COMMISSIONERS PORT OF NEW ORLEANS </td> </tr> <tr> <td colspan="2" style="text-align: center;"> FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 </td> </tr> <tr> <td colspan="2" style="text-align: center;"> TITLE SHEET </td> </tr> <tr> <td style="width: 50%;"> DRAWN <u>D.C.L.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>P.S.G.</u> </td> <td style="width: 50%;"> DATE <u>JAN. 14, 1998</u> DRAWN <u>D.C.L.</u> SUBMITTED <u>R.S.O.</u> PROJECT ENGINEER APPROVED </td> </tr> <tr> <td colspan="2" style="text-align: center;"> IDENTIFICATION NO. 504-008 </td> </tr> <tr> <td colspan="2" style="text-align: center;"> RECOMMENDED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING </td> </tr> <tr> <td colspan="2" style="text-align: center;"> DWG. NO. M11-7008-W01 REQ000303 </td> </tr> </table>	BOARD OF COMMISSIONERS PORT OF NEW ORLEANS		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36		TITLE SHEET		DRAWN <u>D.C.L.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>P.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>D.C.L.</u> SUBMITTED <u>R.S.O.</u> PROJECT ENGINEER APPROVED	IDENTIFICATION NO. 504-008		RECOMMENDED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING		DWG. NO. M11-7008-W01 REQ000303	
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DWG. NO. M11-7008-W01 REQ000303															

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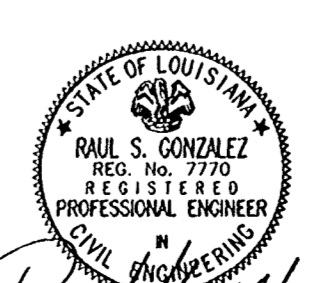
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	02

PORT PROJECT REQ 000303
STATE PROJECT 576-36-0005

SHEET NUMBER	PORT OF N.O. DRAWING NUMBER	TITLE	SHEET NUMBER	PORT OF N.O. DRAWING NUMBER	TITLE
01	W01	TITLE SHEET	93	S51B	ROLLER GATE NO. 5 END SECTIONS
02	W02	INDEX	94	S51C	ROLLER GATE NO. 6 END SECTIONS
03	W03	SUMMARY OF QUANTITIES	95	S51D	ROLLER GATE NO. 8 END SECTIONS
04	W04	GENERAL NOTES, LEGEND AND ABBREVIATIONS	96	S51E	ROLLER GATE NO. 9 END SECTIONS
05	W05	INDEX MAP	97	S52	ROLLER GATE NO. 7 ELEVATION AND SECTION
06 - 08	W07 - W09	FLOODWALL ALIGNMENT	98	S53	ROLLER GATE NO. 7 SECTIONS
09 - 11	W11 - W13	TYPICAL SECTIONS	99	S54	ROLLER GATE NO. 7 END SECTIONS
12 - 13	W16 - W17	FLOODWALL PROFILE	100	S55B	ROLLER GATE NO. 5 SIDE SEAL DETAILS
14 - 23	W27 - W36	PROJECT PLAN	101	S55C	ROLLER GATE NOS. 6 & 7 SIDE SEAL DETAILS
24 - 26	W39 - W41	PROJECT PROFILE	102	S55D	ROLLER GATE NO. 8 SIDE SEAL DETAILS
27	W43	DRAINAGE TABLES	103	S55E	ROLLER GATE NO. 9 SIDE SEAL DETAILS
28	W45	FLOODWALL TIE-IN (SOUTH)	104	S56B	ROLLER GATE NO. 5 SEAL SUPPORT DETAILS
29	W50	PLAN - GATE NO. 5 RAMP	105	S56C	ROLLER GATE NO. 6 SEAL SUPPORT DETAILS
30	W51	PROFILE - GATE NO. 5 RAMP	106	S56D	ROLLER GATE NO. 7 SEAL SUPPORT DETAILS
31	W52	TURNOUT DETAIL - GATE NO. 5 RAMP	107	S56E	ROLLER GATE NO. 8 SEAL SUPPORT DETAILS
32	W53	PLAN - GATE NO. 6 RAMP	108	S56F	ROLLER GATE NO. 9 SEAL SUPPORT DETAILS
33	W54	PROFILE - GATE NO. 6 RAMP	109	S57B	ROLLER GATE NO. 5 CASTER ASSEMBLY DETAILS
34	W55	PLAN - GATE NO. 7 RAMP	110	S57C	ROLLER GATE NOS. 6 & 7 CASTER ASSEMBLY DETAILS
35	W56	PROFILE - GATE NO. 7 RAMP	111	S57D	ROLLER GATE NO. 8 CASTER ASSEMBLY DETAILS
36	W57	PLAN - GATE NO. 8 RAMP	112	S57E	ROLLER GATE NO. 9 CASTER ASSEMBLY DETAILS
37	W58	PROFILE - GATE NO. 8 RAMP	113	S58B	GATE NO. 5 STORAGE MONOLITH DETAILS
38	W59	TURNOUT DETAIL - GATE NO. 8 RAMP	114	S58C	GATE NOS. 6 & 7 STORAGE MONOLITH DETAILS
39	W60	PLAN - GATE NO. 9 RAMP	115	S58D	GATE NO. 8 STORAGE MONOLITH DETAILS
40	W61	PROFILE - GATE NO. 9 RAMP	116	S58E	GATE NO. 9 STORAGE MONOLITH DETAILS
41	W62	TURNOUT DETAIL - GATE NO. 9 RAMP	117	S59	SOUTHERN TERMINUS FLOODWALL TIE-IN DETAILS
42 - 44	W65 - W67	SPECIAL DETAILS	118	S60	PRECAST PILE DETAILS
45	S1	DESIGN LOADS & GENERAL NOTES	119	S61	T-WALL TO COFFERDAM CONNECTION @ P6
46	S2	TYPICAL I-WALL DETAILS	120	S67A	ROLLER GATE NOS. 3 & 8 MONOLITH SECTIONS
47	S3	I-WALL / I-WALL JOINT DETAILS	121	S69	BOTTOM ROLLER GATE PLATE AND TRACK SUPPORT DETAILS
48	S4	DETAILS OF T-WALL AT MECO SITE	122	S86	LATCHING DETAILS ALL ROLLER GATES
49	S5	T-WALL BEHIND BERTHS AND DETAILS	123	S87	LATCHING DETAILS ALL ROLLER GATES
50	S6	T-WALL BEND DETAILS	124 - 136	W104 - W116	STABILITY CROSS SECTIONS
51	S7	I-WALL / T-WALL JOINT DETAILS	137 - 157	W128 - W148	INTERMEDIATE CROSS SECTIONS
52	S8	WATER STOP DETAILS			
53	S9	FLOODWALL CONNECTION DETAILS			
54	S11	ROLLER GATE NOS. 5, 8 & 9 MONOLITHS			
55	S14	ROLLER GATE NOS. 5, 8 & 9 MONOLITH SECTIONS			
56	S16	GATE NOS. 3 & 5 PILE LAYOUT			
57	S16A	GATE NOS. 8 & 9 SHEET PILE LAYOUT			
58	S17A	FLOODGATE PILE PLAN AT GATE NO. 5			
59	S18	GATE NO. 5 STRUCTURAL ARRANGEMENT			
60	S19	FLOODGATE PILE PLAN AT GATE NO. 8			
61	S20	GATE NO. 8 STRUCTURAL ARRANGEMENT			
62	S21	FLOODGATE PILE PLAN AT GATE NO. 9			
63	S22	GATE NO. 9 STRUCTURAL ARRANGEMENT			
64	S23	APPROACH RAMP / SLAB DETAILS			
65	S40	ROLLER GATE NO. 6 MONOLITHS			
66	S40A	ROLLER GATE NO. 7 MONOLITHS			
67	S41	ROLLER GATE NOS. 6 & 7 MONOLITH SECTIONS			
68	S42B	ROLLER GATE NO. 5 SEAL PLATE/SUPPORT BEAM DETAILS			
69	S42C	ROLLER GATE NO. 6 SEAL PLATE/SUPPORT BEAM DETAILS			
70	S42D	ROLLER GATE NO. 7 SEAL PLATE/SUPPORT BEAM DETAILS			
71	S42E	ROLLER GATE NO. 8 SEAL PLATE/SUPPORT BEAM DETAILS			
72	S42F	ROLLER GATE NO. 9 SEAL PLATE/SUPPORT BEAM DETAILS			
73	S43B	ROLLER GATE NO. 5 PART PLAN AND SECTION			
74	S43C	ROLLER GATE NO. 6 PART PLAN AND SECTION			
75	S43D	ROLLER GATE NO. 7 PART PLAN AND SECTION			
76	S43E	ROLLER GATE NO. 8 PART PLAN AND SECTION			
77	S43F	ROLLER GATE NO. 9 PART PLAN AND SECTION			
78	S44	ROLLER GATE NOS. 6 & 7 SHEET PILE LAYOUT			
79	S45	FLOODGATE PILE PLAN AT GATE NO. 6			
80	S46	GATE NO. 6 STRUCTURAL ARRANGEMENT			
81	S46A	GATE NO. 6 MONOLITH SECTIONS			
82	S47	FLOODGATE PILE PLAN AT GATE NO. 7			
83	S48	GATE NO. 7 STRUCTURAL ARRANGEMENT			
84	S48A	GATE NO. 7 MONOLITH SECTIONS			
85	S49B	ROLLER GATE NO. 5 ELEVATION & SECTION			
86	S49C	ROLLER GATE NO. 6 ELEVATION & SECTION			
87	S49D	ROLLER GATE NO. 8 ELEVATION & SECTION			
88	S49E	ROLLER GATE NO. 9 ELEVATION & SECTION			
89	S50B	ROLLER GATE NO. 5 SECTIONS			
90	S50C	ROLLER GATE NO. 6 SECTIONS			
91	S50D	ROLLER GATE NO. 8 SECTIONS			
92	S50E	ROLLER GATE NO. 9 SECTIONS			

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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 INDEX	
	DRAWN G.G.M. DESIGNED J.N.S. CHECKED J.N.S. APPROVED B.S.G.	DATE JAN. 14, 1998 DRAWN G.G.M. SUBMITTED R.S.G. PROJECT ENGINEER	RECOMMENDED APPROVED
	IDENTIFICATION NO. INDLIST		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-W02		REQ000303	

STATE PROJECT 576-36-0005
PORT PROJECT REQF 303

ITEM NO.	ITEM	UNIT	QUANTITY
BASE BID			
S-001	MOBILIZATION (NOT TO EXCEED 3% OF SUM OF BID ITEMS S-002 THRU S-035)	LUMP SUM	LUMP
S-002	DEMOLITION AND REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	LUMP
S-003	DEGRADING	LUMP SUM	LUMP
* S-004	EMBANKMENT	LUMP SUM	LUMP
S-005	BASE COURSE-CLASS II (COMPACTED LIMESTONE)	CU. YDS.	90
S-006	ASPHALTIC CONCRETE	TON	1224
S-007	LIMESTONE FILL (BANK STABILIZATION)	TON	14,250
S-008	RIP-RAP	TON	255
S-009	12"x 12" CONCRETE CURB	LIN. FT.	765
S-014	REINFORCED CONCRETE STORM DRAIN PIPE (18")	LIN. FT.	148
S-017	REINFORCED CONCRETE STORM DRAIN PIPE (36")	LIN. FT.	398
S-021	MANHOLE/GRATE INLET (PRECAST OR CAST-IN-PLACE)	EACH	15
S-022	GRATE TYPE MANHOLE COVER	EACH	3
S-023	ADJUST MANHOLE	EACH	10
** S-025	UTILITY RELOCATION	LUMP SUM	LUMP
S-026	I-WALL	LIN. FT.	3,822.23
S-027	T-WALL	LIN. FT.	1,039.11
S-032	GATE NO. 5 (ROLLER) (INCLUDES MONOLITH AND APPROACH SLABS)	LUMP SUM	LUMP
S-033	GATE NO. 6 (ROLLER) (INCLUDES MONOLITH AND APPROACH SLABS)	LUMP SUM	LUMP
S-034	GATE NO. 7 (ROLLER) (INCLUDES MONOLITH AND APPROACH SLABS)	LUMP SUM	LUMP
S-035	GATE NO. 8 (ROLLER) (INCLUDES MONOLITH AND APPROACH SLABS)	LUMP SUM	LUMP
S-036	GATE NO. 9 (ROLLER) (INCLUDES MONOLITH AND APPROACH SLABS)	LUMP SUM	LUMP
S-037	PRE-CONSTRUCTION SURVEY	LUMP SUM	LUMP

* EMBANKMENT NOT INCLUDED IN FLOODWALL BERM.
 ** DOES NOT INCLUDE SANITARY SEWER INCLUDED IN OTHER BID ITEMS.
 FOR DRAINAGE STRUCTURE TABLES
 SEE DWG. W43.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 SUMMARY OF QUANTITIES	
 RAIL S. GONZALEZ REG. NO. 7770 REGISTERED PROFESSIONAL ENGINEER CIVIL ENGINEERING	DRAWN <u>E.B.K.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>E.S.G.</u>	SCALE <u>NONE</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>E.B.K.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER
	IDENTIFICATION NO. SUMQUAN		RECOMMENDED WILLIAM B. CROMARTE, P.E. PROJECT ENGINEERING MANAGER
DWG. NO. M11-7008-W03		REQF000303	

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7	8	5	4	3	2	1						

GENERAL NOTES:

- THE LOCATION OF ALL EXIST. PIPES, DUCTS OR UNDERGROUND STRUCTURES IS NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES, DUCTS OR STRUCTURES ARE SHOWN. THE CONTRACTOR IS ADVISED THAT EXISTING OVERHEAD AND UNDERGROUND UTILITIES SUCH AS (BUT NOT LIMITED TO) ELECTRICAL LINES AND POLES, TELEPHONE CABLES, GAS LINES, WATER LINES AND SANITARY SEWERS EXIST IN THE RIGHT-OF-WAY WHERE THE PROPOSED IMPROVEMENTS ARE TO BE INSTALLED. CONTRACTOR SHALL CONTACT LA ONE CALL OR THE APPROPRIATE UTILITY COMPANY FOR LOCATION OF THEIR UNDERGROUND SERVICE A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION IN EACH AREA. LA ONE CALL NUMBER IS 1-800-272-3020. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO LOCATE AND PROTECT THESE EXISTING UTILITIES DURING THE CONSTRUCTION OF THE WORK TO BE INSTALLED UNDER THIS CONTRACT.
- ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE EXECUTION OF THE WORK UNDER THIS CONTRACT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE BOARD.
- ELEVATIONS ARE IN FEET AND REFER TO USC & GS BENCHMARK S-189, ELEV 2.11 N.G.V.D.; LOCATED ON THE SOUTHWEST CORNER OF THE RAILROAD BRIDGE AT FLORIDA AVE. AND FRANCE ROAD, NOT SHOWN IN PLANS.
- THE CONTRACTOR SHALL ESTABLISH A BALANCED LEVEL LOOP AND SET TEMPORARY BENCHES WITH WHICH TO WORK FROM.
- THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, A CONSTRUCTION SEQUENCE FOR THE PROPOSED WORK AS WELL AS PROVISIONS FOR SITE DRAINAGE UNTIL THE WORK IS SUBSTANTIALLY COMPLETE AND READY TO BE PLACED IN SERVICE. REFER TO SPECIFICATIONS.
- CONTRACTOR SHALL MULCH, SEED, FERTILIZE AND WATER AS NECESSARY ALL COMPLETED EMBANKMENT AND DITCH SLOPES WITHIN LIMITS OF CONSTRUCTION AS SHOWN IN PLAN VIEW. NO DIRECT PAY; COST SHALL BE INCLUDED IN THE UNIT PRICE BID OF THE FLOODWALL.
- CLEAR ALL DEBRIS AND VEGETATION PRIOR TO PLACING FILL.
- ALL FILL MATERIAL REQUIRED FOR THE CONSTRUCTION OF RAMP SHALL BE A GRANULAR MATERIAL, NON-PLASTIC.
- DRAINAGE PIPE, MANHOLES AND DROP INLETS SHALL BE INSTALLED ON TIMBER AND CRUSHED STONE FOUNDATION. SEE SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL BROKEN STONE RIP-RAP AT THE END OF 54" CMP AT SLIP NO. 3 AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE MADE AT THE UNIT PRICES ESTABLISHED IN THE BID FORM, ITEM S-008.
- GEOTECHNIC FABRIC SHALL BE PLACED UNDER CLASSIFIED EMBANKMENT, OR AS DIRECTED BY THE ENGINEER PAYMENT SHALL BE INCLUDED IN COST OF EMBANKMENT.
- ALL STATIONS REFERRING TO REQUIRED CONSTRUCTION ARE W/L STATIONS UNLESS NOTED OTHERWISE.

ABBREVIATIONS:

ADJ	ADJACENT	MANUF.	MANUFACTURE
ADJ	ADJUSTABLE	MCC	MOTOR CONTROL CENTER
AM	AMMETER	MCP	MOTOR CIRCUIT PROTECTOR
AMP	AMPERES, AMPERAGE	MECO	MECHANICAL EQUIPMENT COMPANY
AR	ARRESTOR	MFG.	MANUFACTURER
AS	AMMETER SWITCH	N.G.V.D.	NATIONAL GEODETIC VERTICAL DATUM
ATS	AUTOMATIC TRANSFER SWITCH	N.I.C.	NOT IN CONTRACT
AVG	AVERAGE	N.T.S.	NOT TO SCALE
BB&T	BERGER, BARNARD & THOMAS, INC.	NOPSI	NEW ORLEANS PUBLIC SERVICE, INC.
BCPNO	BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	O.C.	ON CENTER
	BASELINE	O.D.	OUTSIDE DIAMETER
BLDG.	BUILDING	OL	OVERLOAD RELAY
BOT	BOTTOM	P.S.	PUMP STATION
C.J.	CONSTRUCTION JOINT	P/S	PROTECTED SIDE
C/C	CENTER TO CENTER	P.L.	PAYMENT LENGTH
CAP	CAPACITOR	P.V.C.	POLYVINYL CHLORIDE PIPE
CH. LK.	CHAIN LINK	P.V.I.	POINT OF VERTICAL INTERSECTION
CL	CLEAR	PFC	POWER FACTOR CORRECTION
C.L. OR C	CENTERLINE	PM	POWER MONITOR
C.M.P.	CORRUGATED METAL PIPE	PMR	POWER MONITOR RELAY
CMU	CONCRETE MASONRY UNIT	PT.	POINT
CONC.	CONCRETE	R	RED LIGHT
CONT.	CONTINUOUS	R.C.P.	REINFORCED CONCRETE PIPE
CPT	CONTROL POWER TRANSFORMER (IN INDIVIDUAL STARTER CUBICLE)	R.C.P.A.	REINFORCED CONCRETE PIPE ARCH ROAD
C.R.S.	CORROSION RESISTANT STEEL	RD.	REINFORCING STEEL
CT	CURRENT TRANSFORMER	REIN.	REQUIRED
D.G.	DITCH GRADE	REQ'D	REQUIRED
D/G	DIESEL GENERATOR	R.R.	RAILROAD
DBL	DOUBLE	RTM	RUNNING TIME METER
DIA.	DIAMETER	RVNR	REDUCED VOLTAGE NON-REVERSING
DWG	DRAWING	S/S	START/STOP
ELEV. OR EL.	ELEVATION	S.F.M.	SEWER FORCE MAIN
ELEC.	ELECTRIC	SCH.	SCHEDULE
ENCL.	ENCLOSURE	SEC.	SECONDS
EQ. SP.	EQUAL SPACING	SH.	SHEET
EXIST.	EXISTING	SIG.	SIGNAL C
EXP.	EXPANSION	STA.	SURVEY STATION
EXT.	EXTENSION	S/L	SURVEY LINE
E.G.	EXISTING GROUND	SW	SWITCH
F	FUSE	S. SEWER	SANITARY SEWER
F.G.	FINISHED GRADE	T	THERMOSTAT
F/S	FLOOD SIDE	T&B	TOP AND BOTTOM
FD	FLOOR DRAIN	TD	TIME DELAY RELAY
FL	FLOODLIGHT	TH.	THIN
FLG.	FLANGED JOINT	THK.	THICK
FOUND.	FOUNDATION	TR	TIMING RELAY
FVNR	FULL VOLTAGE NON-REVERSING	TYP.	TYPICAL
GALV.	GALVANIZED	UG	UNDERGROUND
G.I.	GRATE INLET	VERT.	VERTICAL
GR.	GRADE	VM	VOLTMETER
H.M.	HOLLOW METAL	VS	VOLTMETER SWITCH
HEX.	HEXAGONAL	W/L	WALL LINE
HOA	HAND-OFF-AUTOMATIC	W/O	WITHOUT
HTR	HEATER	W/	WITH
HZ	HERTZ	W	WHITE LIGHT
HORZ.	HORIZONTAL	W.C.	WATER CLOSET
IH-NC	INNER HARBOR-NAVIGATIONAL CANAL	W.M.	WATER MAIN
INV.	INVERT	W.P.	WORKING POINT
JB	JUNCTION BOX	W.S.	WELDED STEEL
L	PLATFORM LIGHT	W.S.P.	WELDED STEEL PIPE
L.F.	LINEAR FEET	WP	WEATHERPROOF
L.W.L.	LOW WATER LEVEL	WTR	WATER
LAV.	LAVATORY	W.E.	WATER EDGE
LLR	LOW LEVEL RESET		
LP&L	LOUISIANA POWER & LIGHT COMPANY		
LS	LIMIT SWITCH		
M.H.	MOUNTING HEIGHT OR MANHOLE		

LEGEND:

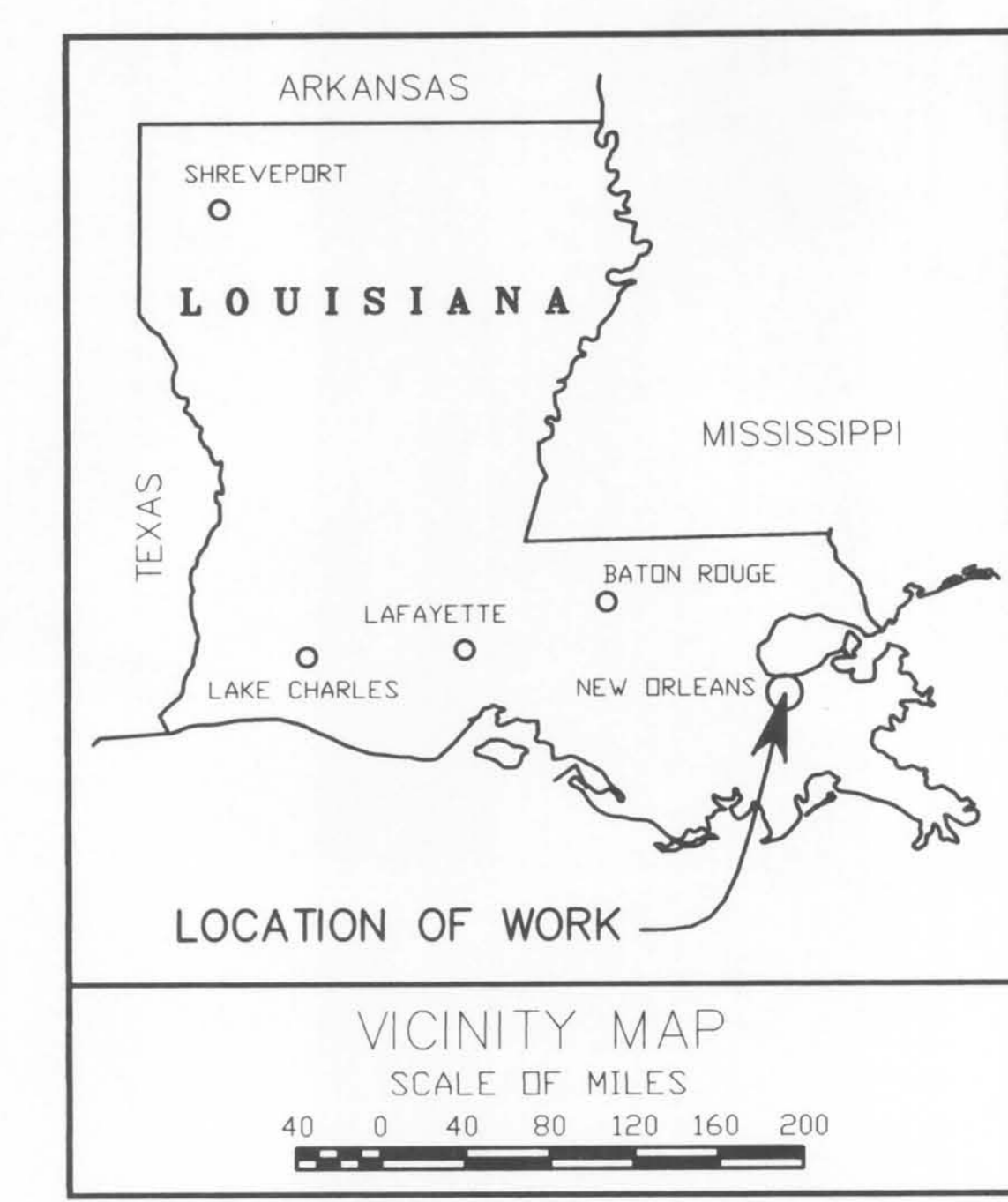
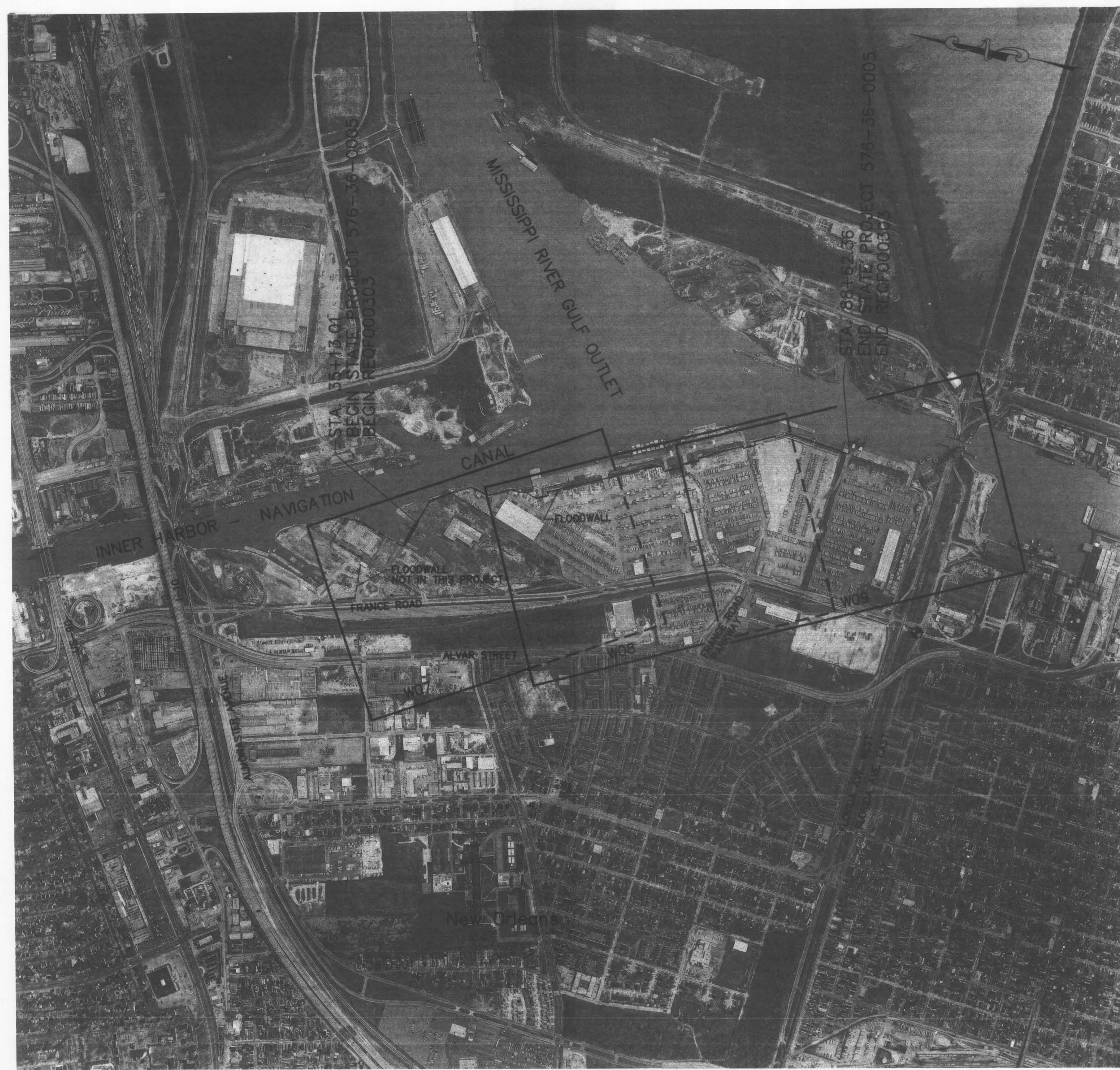
	CLUSTER LIGHT POLE
	EXISTING DRAINAGE PIPE W/MANHOLE/INLET
	PRESTRESSED CONCRETE PILE
	TIMBER PILE
	SURVEY BASELINE
	CENTER LINE
	STEEL PLATE
	DEFLECTION ANGLE
	SEWER MANHOLE
	POWER POLE
	BASELINE POINT NUMBER
	DRAINAGE STRUCTURE NUMBER
	REQ'D. DRAINAGE PIPE W/MANHOLE/INLET
	EXISTING DITCH
	REQUIRED DITCH
	DRAINAGE DIRECTION
	DRAINAGE AREA (ACRES)
	DRAINAGE BREAK LINE
	REQUIRED DRAINAGE PIPE
	DIRECTION OF DRAINAGE
	EXISTING DRAINAGE PIPE
	BASELINE
	WATER MAINS
	TELEPHONE LINES
	POWER LINES
	SANITARY SEWER
	NATURAL GAS LINE
	FENCE
	EXISTING GROUND
	WATER'S EDGE
	CENTER LINE
	PROPOSED FINISHED GRADE
	TOP OF BANK OR BERM
	HANDRAILS/GUARDRAILS
	ASPHALT PAVING
	RIP-RAP OR LIMESTONE
	CONCRETE
	CUT
	REMOVE
	SHEET PILE WALL
	WATER LEVEL
	CONCRETE MASONRY UNIT WALL
	EXISTING PAVEMENT

Jan 12, 1998 - 14:55:46 File: C:\p1\work\504-008\p101-303\p101-303.dwg [Login: baw]

REV. 7	BY	DATE	REV. 8	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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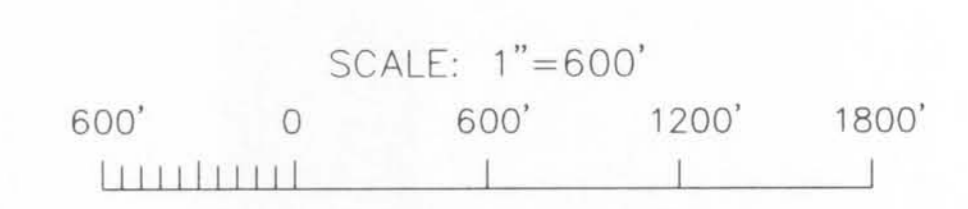
CONSULTING ENGINEERS PYBURN & ODUM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 GENERAL NOTES, LEGEND AND ABBREVIATIONS	
DESIGNED J.M.R. CHECKED J.N.S. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
		IDENTIFICATION NO. COVERST	
WILDMAN B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER		WYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W04		REG000303	

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	5



PROJECT BENCHMARK
 S-189 (1991)
 EL. 2.110 N.G.V.D.

NOTE:
 ALL ELEVATIONS OF EXISTING FEATURES
 MAY BE OFF BY $(2.247 - 2.110 = 0.137)$ 0.14
 DUE TO A CHANGE IN THE B.M. ELEV. WHEN
 THE SURVEY WAS MADE AND THE PRESENT
 B.M. ELEV. 2.110.



Apr 23, 1998 - 13:50:58 WAD FILE: G:\AD\5450\504-006\W05-103\016.VXD [Sign License # 049001]

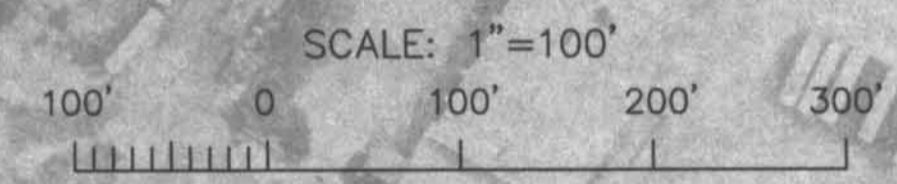
REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 INDEX MAP	
	DRAWN: J.M.R. DESIGNED: J.N.S. CHECKED: L.A.L. APPROVED: R.S.G.	SCALE: 1"=600' DESIGNED: J.N.S. CHECKED: L.A.L.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER
	IDENTIFICATION NO. INDEX	RECOMMENDED: WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	APPROVED: KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-W05		REQ000303	



P.I.	W/L STATION	AZIMUTH	DISTANCE
20	52+09.84	347°21'46"	760.79'
21	59+70.63	257°21'46"	9.51'
22	59+80.14	347°21'46"	461.06'
23	64+41.20	011°05'29"	79.33'
24	65+20.53	077°21'46"	52.50'
25	65+73.03	347°21'46"	201.75'
26	67+74.78	257°21'46"	30.25'
27	68+05.03	347°21'46"	198.50'
28	70+03.53	257°21'46"	26.87'
29	70+30.40	347°21'46"	129.91'
30	71+60.31	327°28'58"	46.17'
31	72+06.48	347°21'46"	332.62'
32	75+39.10	077°21'46"	23.00'
33	75+62.10	347°21'46"	131.51'
34	76+93.61	357°21'46"	44.55'
35	77+38.16		

P.I.	W/L STATION	B/L STATION	OFFSET
20	52+09.84	144+02.03	113.40'
21	59+70.63	151+62.81	116.99'
22	59+80.14	151+62.85	107.48'
23	64+41.20	156+23.91	109.66'
24	65+20.53	156+96.38	141.93'
25	65+73.03	156+96.14	194.43'
26	67+74.78	188+97.89	185.39'
27	68+05.03	158+98.03	165.13'
28	70+03.53	160+96.53	166.07'
29	70+30.40	160+96.66	139.21'
30	71+60.31	162+26.56	139.82'
31	72+06.48	162+70.05	124.33'
32	75+39.10	166+03.67	125.90'
33	75+62.10	166+03.56	148.90'
34	76+93.61	167+67.69	136.04'
35	77+38.16	167+57.54	92.65'



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REV 7	BY	DATE	REV 6	BY	DATE	REV 5	BY	DATE	REV 4	BY	DATE	REV 3	BY	DATE	REV 2	BY	DATE	REV 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA	BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 FLOODWALL ALIGNMENT
	SCALE: 1"=100' DESIGNED: J.N.S. CHECKED: L.A.L. APPROVED: R.S.G.
IDENTIFICATION NO. ALN3CONS	DATE: JAN. 14, 1998 DRAWN: J.M.R. DESIGNED: J.N.S. CHECKED: L.A.L. APPROVED: R.S.G. SUBMITTED BY: R.S.G. PROJECT ENGINEER
WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-W08	REF: 000303

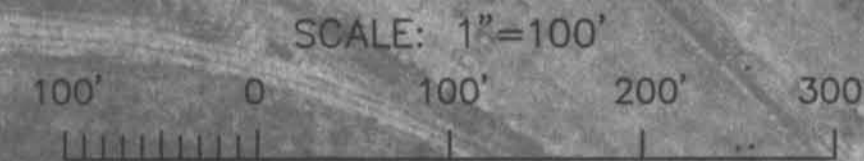
INNER HARBOR - NAVIGATION CANAL



P.I.	W/L STATION	B/L STATION	OFFSET
9	32+09.89	126+27.74	19.04'
10	37+89.00	130+58.23	35.23'
11	40+74.42	133+53.07	50.00'
12	42+70.71	135+79.61	34.00'
13	44+66.09	137+74.99	34.00'
14	45+83.87	138+74.45	23.00'
15	47+33.03	140+23.04	10.00'
16	48+51.32	141+30.21	60.07'
17	48+87.64	141+66.50	61.40'
18	50+31.78	142+75.41	155.83'
19	51+69.42	144+01.84	153.82'
20	52+09.84	144+02.03	113.40'

• (B/L EXTEN.)

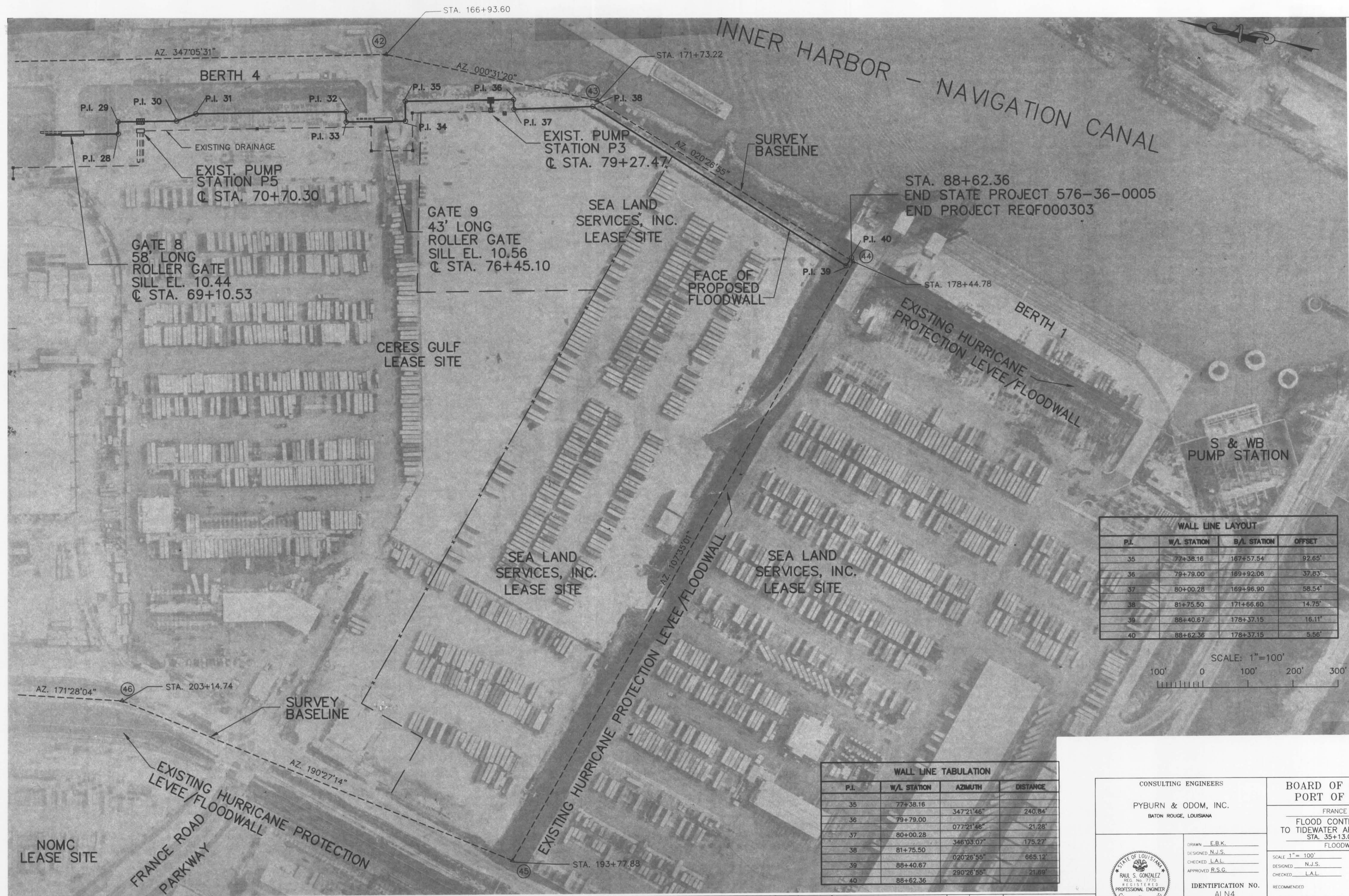
P.I.	W/L STATION	AZMUTH	DISTANCE
9	32+09.89	302°11'45"	579.11'
10	37+89.00	340°20'49"	285.42'
11	40+74.42	347°16'45"	196.29'
12	42+70.71	026°53'16"	195.38'
13	44+66.09	351°14'44"	117.78'
14	45+83.87	346°14'44"	149.16'
15	47+33.03	016°17'10"	118.29'
16	48+51.32	353°20'37"	36.32'
17	48+87.64	032°10'26"	144.14'
18	50+31.78	347°21'46"	137.64'
19	51+69.42	257°21'46"	40.42'
20	52+09.84		



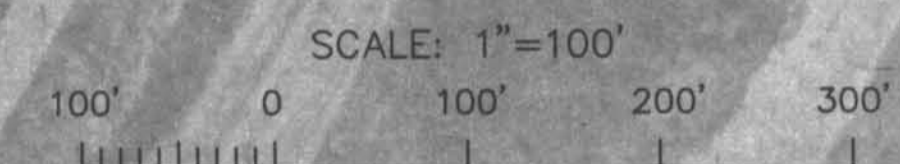
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 FLOODWALL ALIGNMENT	
DRAWN: J.M.R. DESIGNED: J.N.S. CHECKED: L.A.L. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
		IDENTIFICATION NO. ALN2	
WILLIAM B. CROMARTE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W07		REF: 000303	

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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P.I.	W/L STATION	B/L STATION	OFFSET
35	77+38.16	167+57.54	92.65'
36	79+79.00	169+92.06	32.83'
37	80+00.28	169+96.90	58.54'
38	81+75.50	171+66.60	14.75'
39	88+40.67	178+37.15	16.11'
40	88+62.36	178+37.15	5.56'

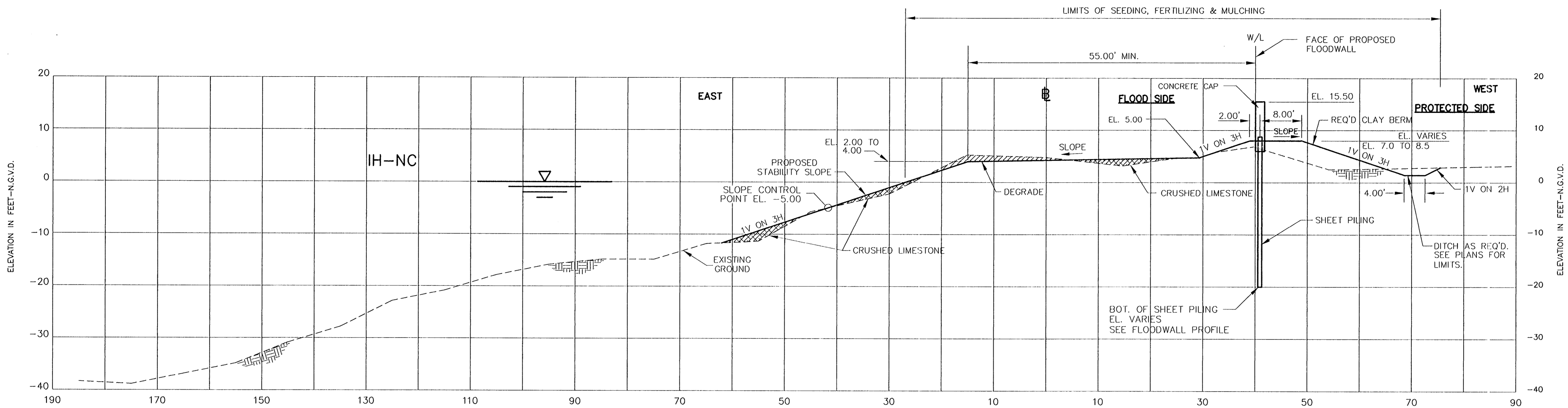


P.I.	W/L STATION	AZMUTH	DISTANCE
35	77+38.16	347°21'46"	240.84'
36	79+79.00	077°21'46"	21.28'
37	80+00.28	348°03'07"	175.27'
38	81+75.50	020°26'55"	665.12'
39	88+40.67	290°26'55"	21.69'
40	88+62.36		

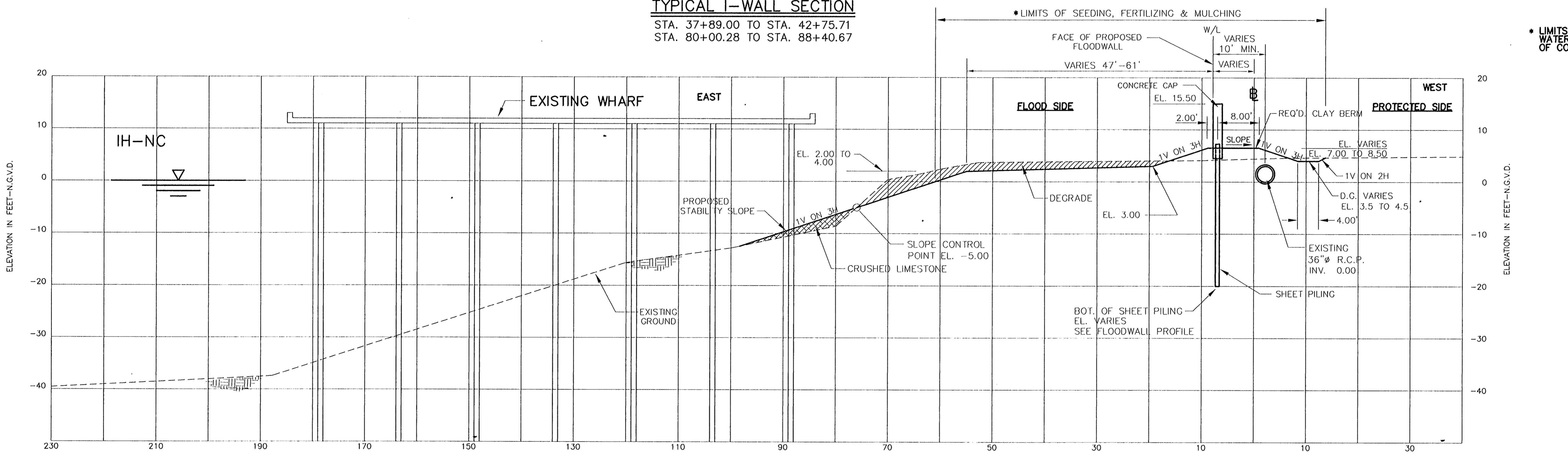
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 FLOODWALL ALIGNMENT		DATE: JAN. 14, 1998	
DESIGNED: N.J.S. CHECKED: L.A.L. APPROVED: R.S.G.		DRAWN: E.B.K. SUBMITTED BY: R.S.G. PROJECT ENGINEER	
RECOMMENDED: _____		APPROVED: _____	
IDENTIFICATION NO. ALN4		WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	
DWG. NO. M11-7008-W09		REQF000303	

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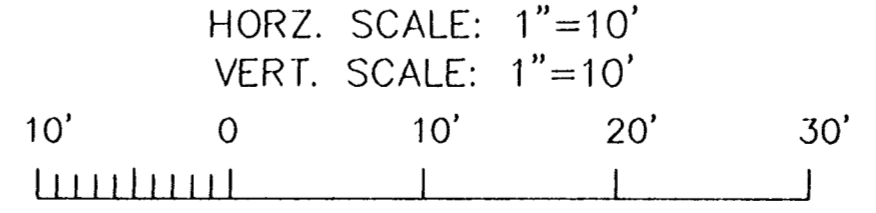
TYPICAL I-WALL SECTION
 STA. 37+89.00 TO STA. 42+75.71
 STA. 80+00.28 TO STA. 88+40.67



TYPICAL I-WALL BEHIND WHARVES
 STA. 52+09.84 TO STA. 65+20.53
 STA. 67+40 TO STA. 67+74.78
 STA. 72+06.48 TO STA. 75+73.61

* LIMITS MEASURED FROM NORMAL WATER LINE TO OUTSIDE LIMITS OF CONSTRUCTION.

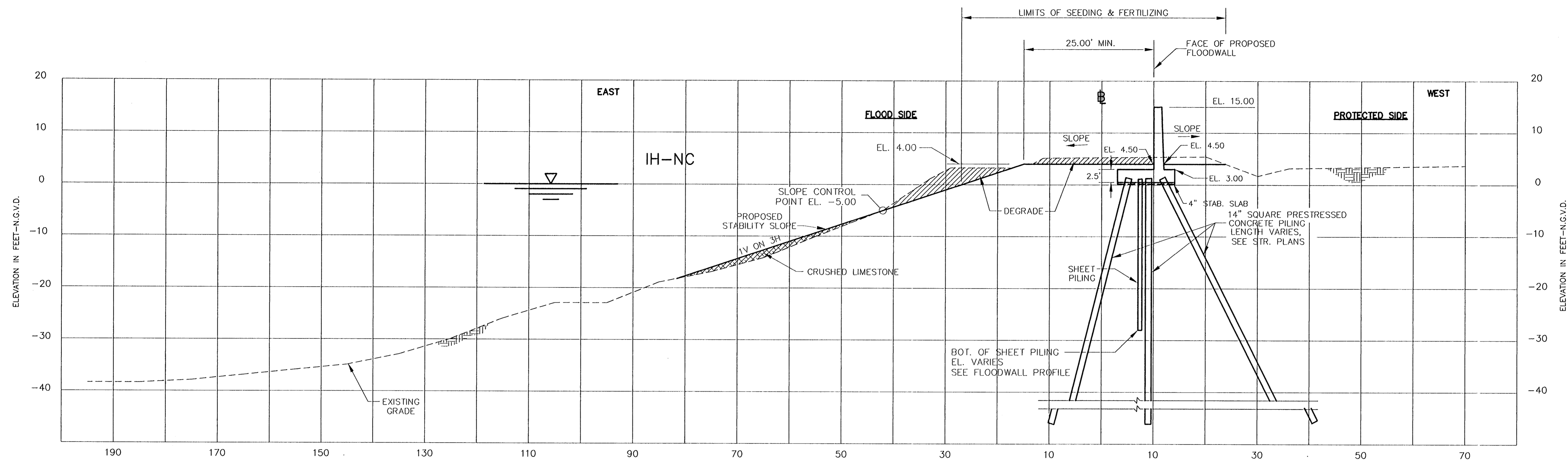
NOTE:
 SECTIONS SHOWN ARE SITE SPECIFIC, FOR SECTIONS WITHIN STATION LIMITS THAT ARE NOT SHOWN, REFER TO THE CROSS SECTIONS.
 FOR ELEVATIONS AND FLOODWALL TYPES AT SPECIFIC STATIONS, REFER TO FLOODWALL PROFILES.
 FOR CONCRETE CAP DETAILS SEE DWG. S2



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 TYPICAL SECTIONS	
DRAWN L.P.C. DESIGNED H.C.D. CHECKED R.S.G. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN L.P.C. SUBMITTED BY R.S.G. PROJECT ENGINEER	SCALE 1"=10' DESIGNED H.C.D. CHECKED R.S.G.	DATE JAN. 14, 1998 DRAWN L.P.C. SUBMITTED BY R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. XSEC-T(3)		RECOMMENDED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLLI G. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W11		REF000303	

Jun 12, 1998 - 14:24:53 P.M. FILE: C:\CAD\ACAD\504-006\PROJ-303\CIVIL\XSEC-1 [Login: Dovo]

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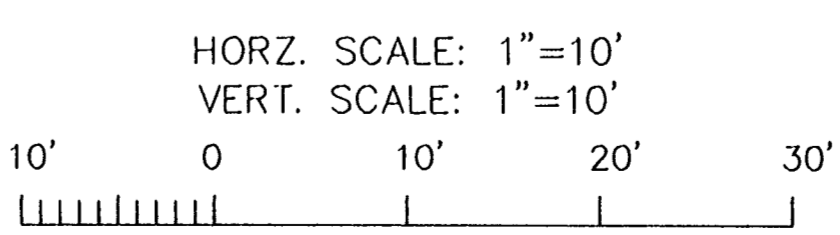


TYPICAL T-WALL SECTION
 STA. 42+75.71 TO STA. 48+46.32
 STA. 68+10.03 TO STA. 71+55.31
 STA. 77+43.16 TO STA. 79+74.00

* LIMITS MEASURED FROM NORMAL WATER LINE TO OUTSIDE LIMITS OF CONSTRUCTION.

NOTE:

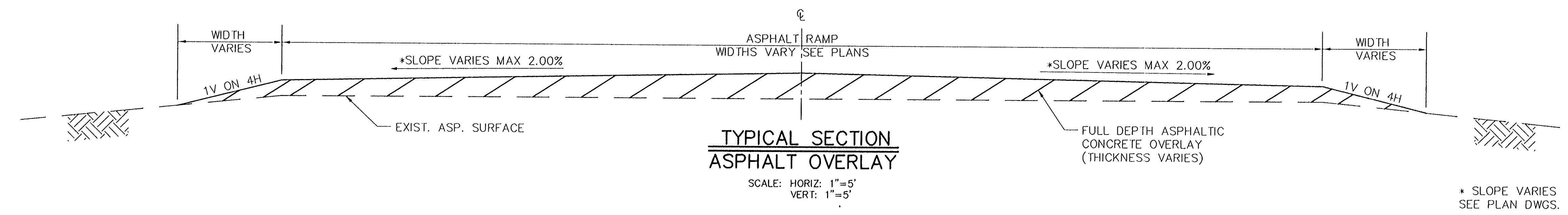
SECTIONS SHOWN ARE SITE SPECIFIC, FOR SECTIONS WITHIN STATION LIMITS THAT ARE NOT SHOWN, REFER TO THE CROSS SECTIONS.
 FOR ELEVATIONS AND FLOODWALL TYPES AT SPECIFIC STATIONS, REFER TO FLOODWALL PROFILES.
 FOR T-WALL DETAILS SEE DWG. S5



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REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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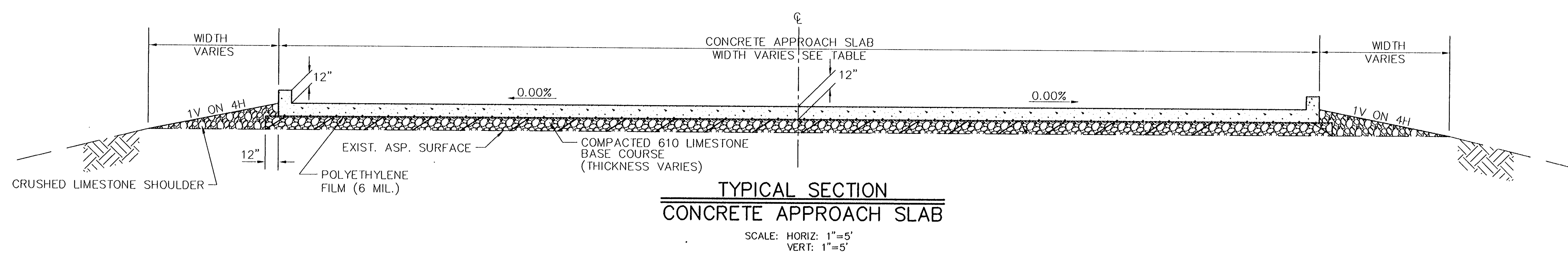
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 TYPICAL SECTIONS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>R.S.G.</u> APPROVED <u>R.S.G.</u>		SCALE <u>1"=10'</u> DATE <u>JAN. 14, 1998</u> DESIGNED <u>J.N.S.</u> DRAWN <u>J.M.R.</u> CHECKED <u>R.S.G.</u> SUBMITTED <u>R.S.G.</u> BY _____ PROJECT ENGINEER	
IDENTIFICATION NO. XSEC-T(4)		RECOMMENDED _____ APPROVED _____ <small>WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER</small> <small>KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING</small>	
DWG. NO. M11-7008-W12		REG#000303	



GATE RAMP OR APPROACH SLAB TABLE

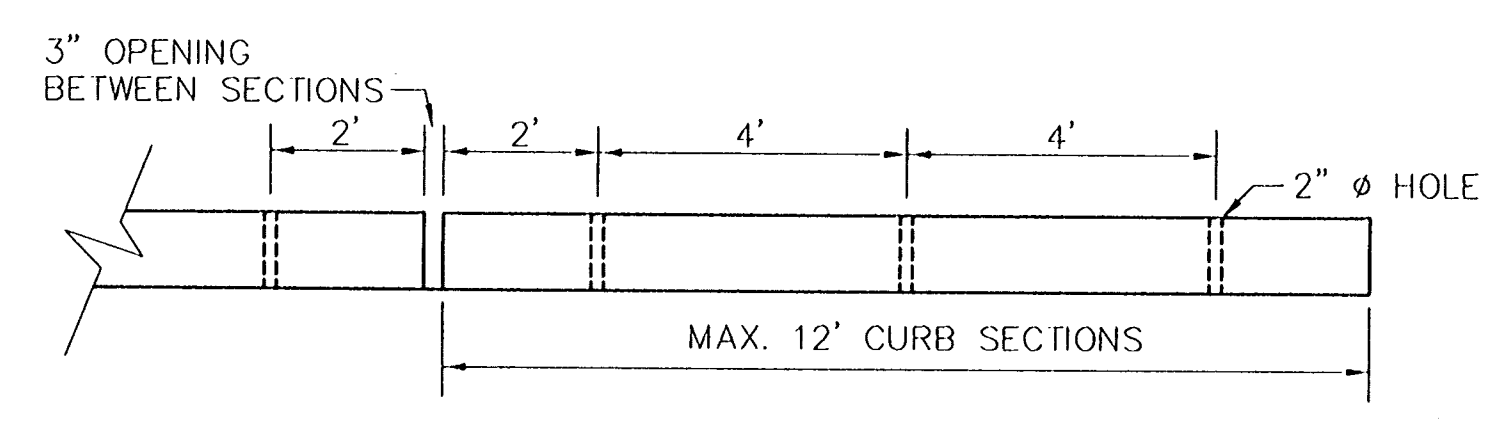
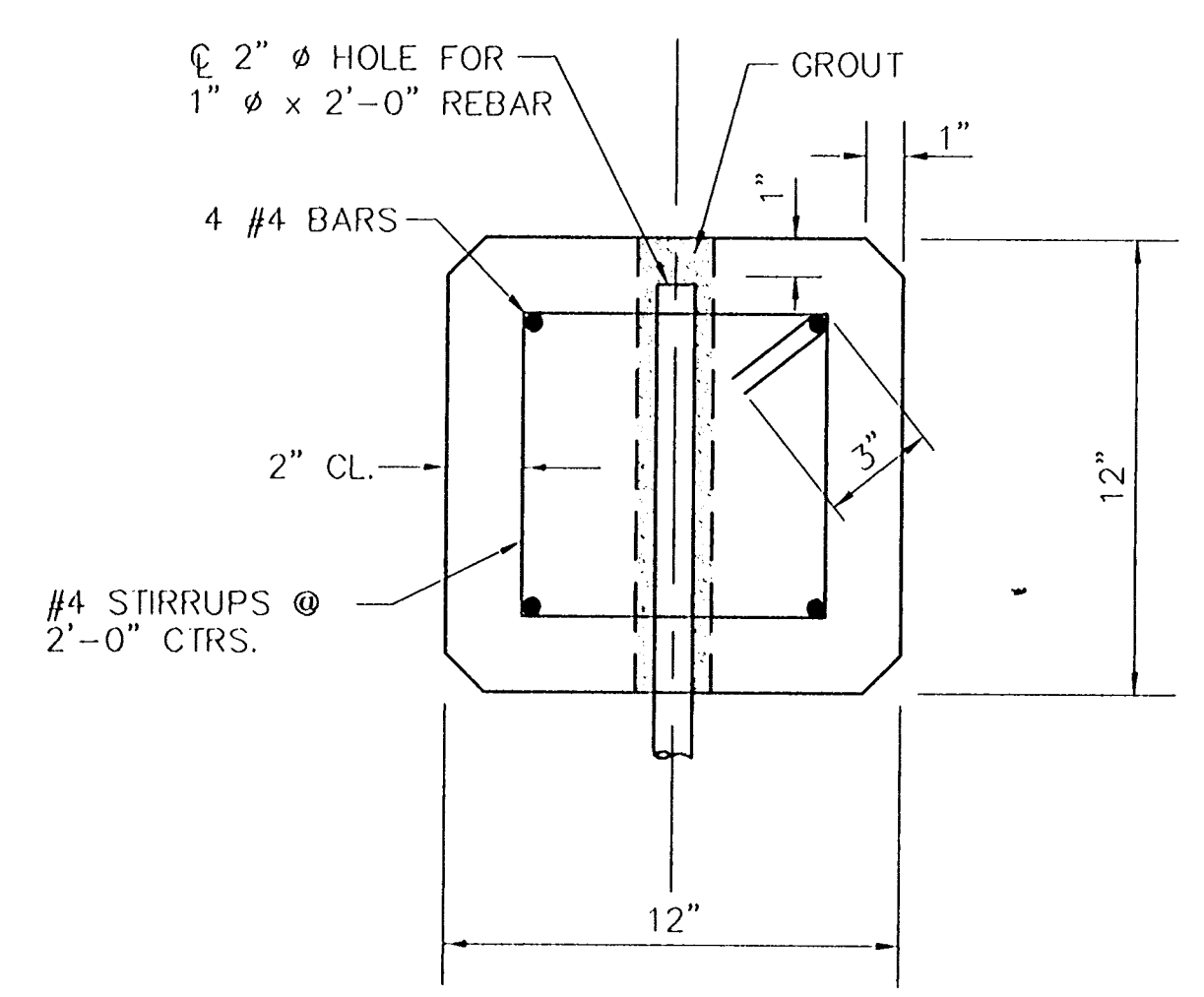
5	40'
8	50'
9	35'

RAMPS 6 & 7 ARE BRIDGE CROSSINGS. REFER TO DWGS. S46-S48A.



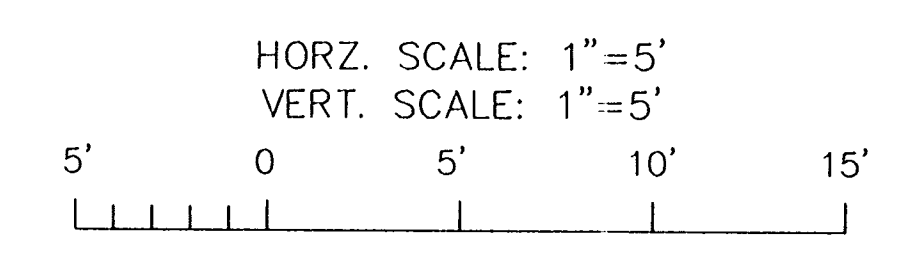
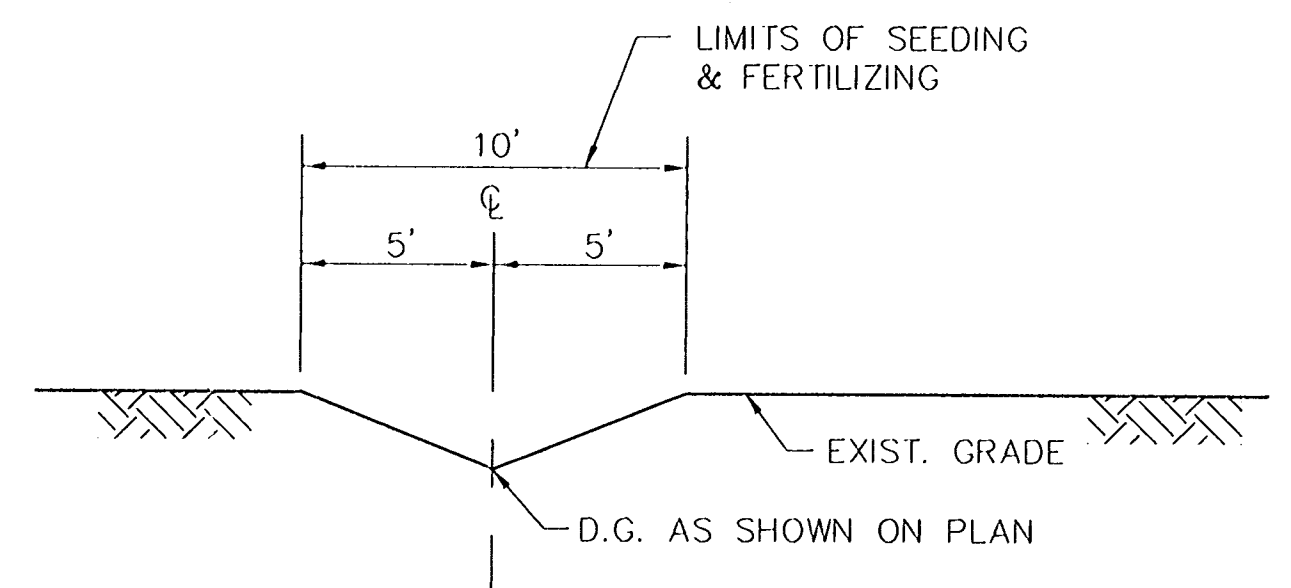
NOTES:

1. AREA TO RECEIVE REQUIRED ASPHALT OVERLAY SHALL BE CLEANED WITH A MECHANICAL SWEEPER REMOVING ALL LOOSE MATERIAL, DUST AND DIRT AND SHALL BE FREE OF SURFACE MOISTURE.
2. ASPHALT SHALL BE A TYPE 3 PLANT MIX AND SHALL CONSIST OF UNIFORM MIXES OF COARSE AGGREGATE, SAND AND ASPHALT MATERIALS CEMENT. ASPHALT MATERIALS AND CONSTRUCTION SHALL CONFORM TO LADOTD SPECIFICATIONS SECTION 501. WEARING COURSE AND BINDER COURSE SHALL BE PLACED IN LIFTS NOT EXCEEDING 2 1/2" THICK UNLESS APPROVED IN WRITING BY ENGINEER. THE ASPHALT OVERLAY SHALL CONSIST OF 2" WEARING COURSE ON EITHER A BINDER COURSE OF VARYING THICKNESS OR ON EXISTING PAVEMENT. A WEARING COURSE MAY BE SUBSTITUTED FOR THE BINDER COURSE IN ALL CASES. ASPHALTIC PRIME COAT AND TACK COATS SHALL BE USED IN ACCORDANCE WITH LADOTD SPECIFICATIONS, 1992 EDITION, SECTIONS 504 AND 505.
3. LIMESTONE BASE MATERIAL AND CONSTRUCTION SHALL CONFORM TO LADOTD SPECIFICATIONS, 1992 EDITION, SECTION 302.
4. FOR APPROACH SLAB DETAILS AND REINFORCING REFER TO DWGS. S18 & S23.
5. LIMESTONE BASE NOT REQUIRED UNDER APPROACH SLAB AT GATE 8.



NOTE: THE CONTRACTOR HAS THE OPTION OF CONSTRUCTING PRECAST OR CAST-IN-PLACE 12"x12"x12" MAX. CONCRETE CURB

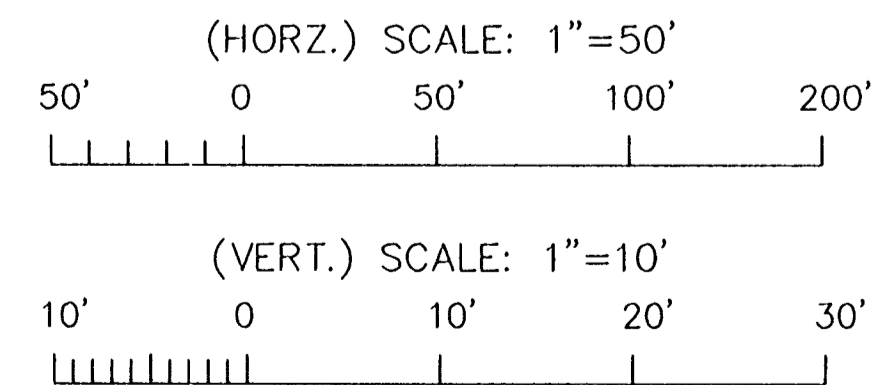
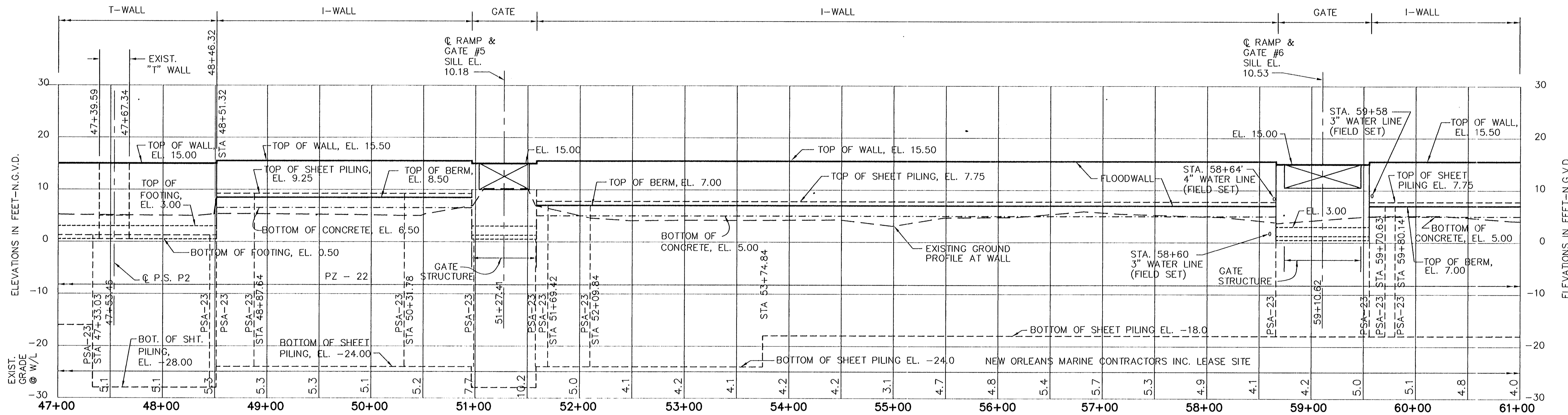
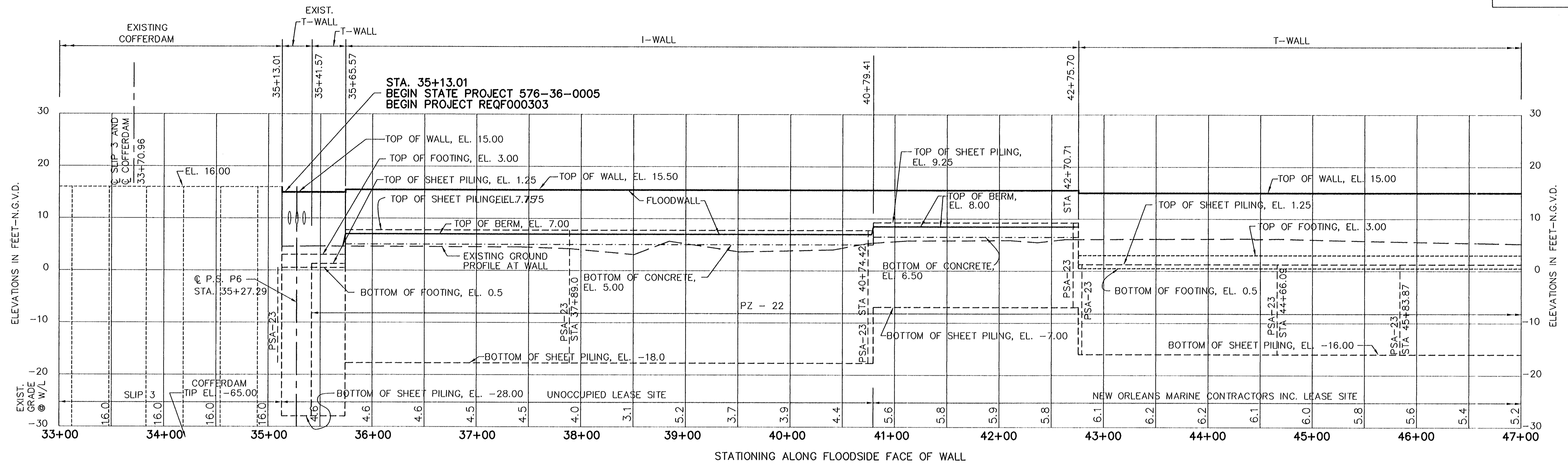
STA. 41+07 TO STA. 48+58 CONCRETE CURB DETAIL PRECAST OR CAST-IN-PLACE



Jan 12, 1998 - 14:50:47 P&O FILE: G:\CAD\ACAD\504-008\PROJ-303\CIVIL\TYPRD [Login: Dev]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 TYPICAL SECTIONS	
DRAWN J.M.R. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
		RECOMMENDED APPROVED WILIAM B. CHOMARRE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
IDENTIFICATION NO. TYPRD		DWG. NO. M11-7008-W13 REQ#000303	



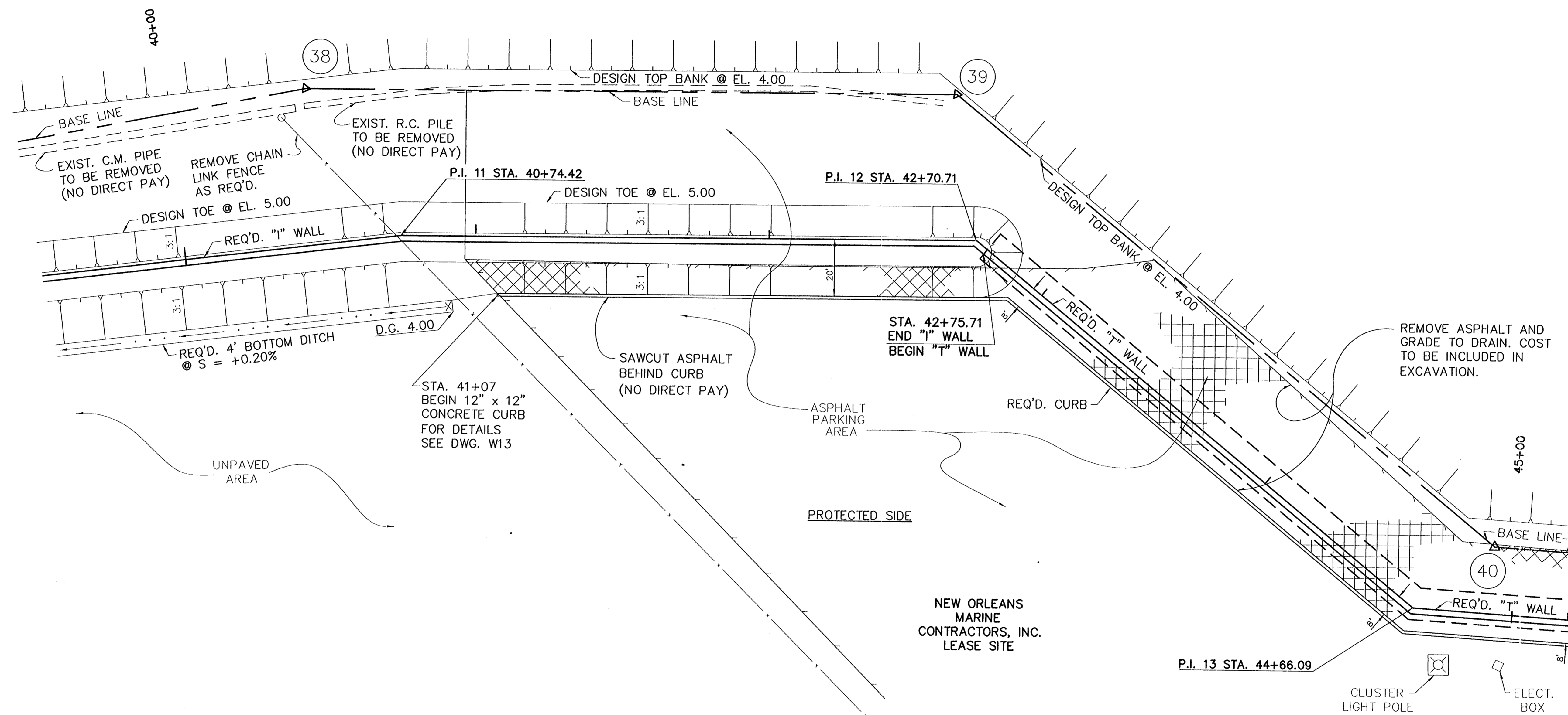
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REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
1			6			8			4			3			2			1		

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 FLOODWALL PROFILE	
DRAWN <u>L.P.C.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>R.S.G.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>L.P.C.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE 1"=50' DESIGNED <u>J.N.S.</u> CHECKED <u>R.S.G.</u>	RECOMMENDED WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
IDENTIFICATION NO. PROFMEND		DWG. NO. M11-7008-W16	

IH-NC

FLOOD SIDE



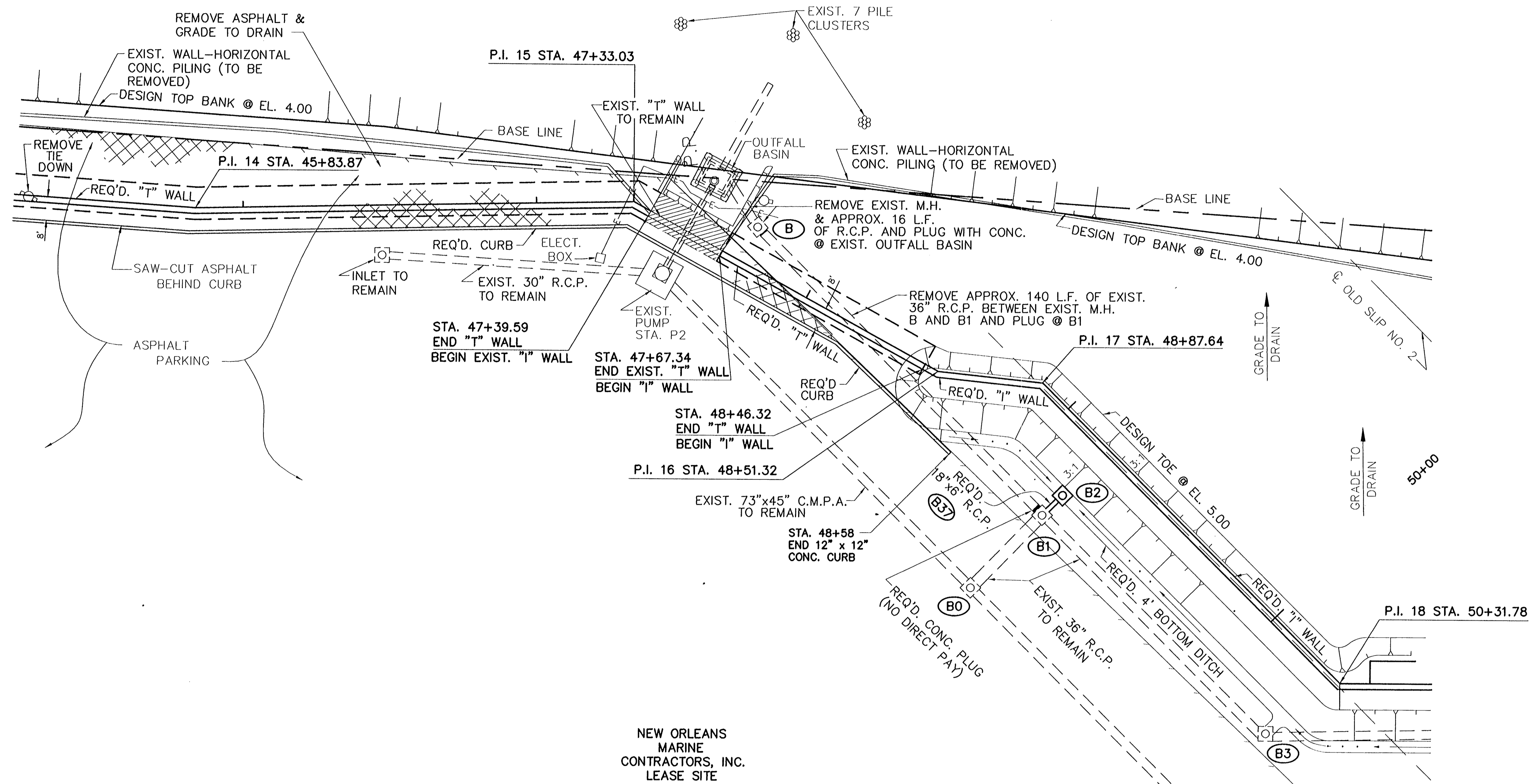
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REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 PROJECT PLAN	
DRAWN L.P.C. DESIGNED J.N.S. CHECKED R.S.G. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
		IDENTIFICATION NO. P6P4	
WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W28		REG0000303	

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	16

IH-NC



NEW ORLEANS
MARINE
CONTRACTORS, INC.
LEASE SITE

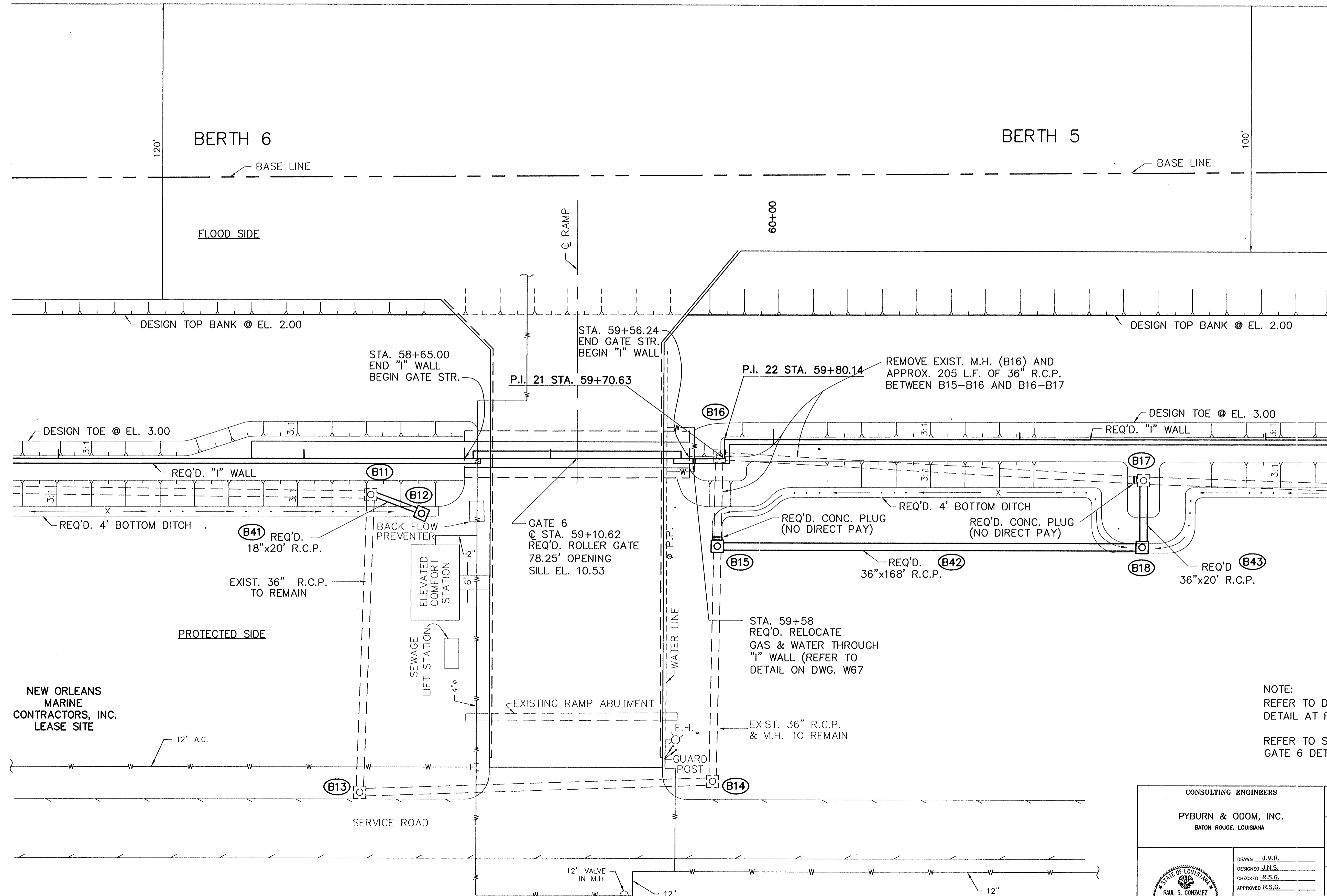
NOTE: FOR DETAILS OF GRATE INLETS
SEE DWG. W65
FOR DRAINAGE PROFILE
SEE DWGS. W37-W41
FOR DRAINAGE TABLES
SEE DWG. W43

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PROJECT PLAN	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>R.S.G.</u> APPROVED <u>R.S.G.</u>		SCALE 1"=20' DATE <u>JAN. 14, 1998</u> DESIGNED <u>J.N.S.</u> DRAWN <u>J.M.R.</u> CHECKED <u>R.S.G.</u> SUBMITTED <u>R.S.G.</u> APPROVED <u>R.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. P6P4		RECOMMENDED <u>WILLIAM B. CROMBIE, P.E.</u> PROJECT ENGINEERING MANAGER APPROVED <u>KYLE G. JONES, P.E.</u> DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W29		REF0000303	

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REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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IH-NC



NOTE:
REFER TO DWG. W53 & W54 FOR MORE
DETAIL AT RAMP.

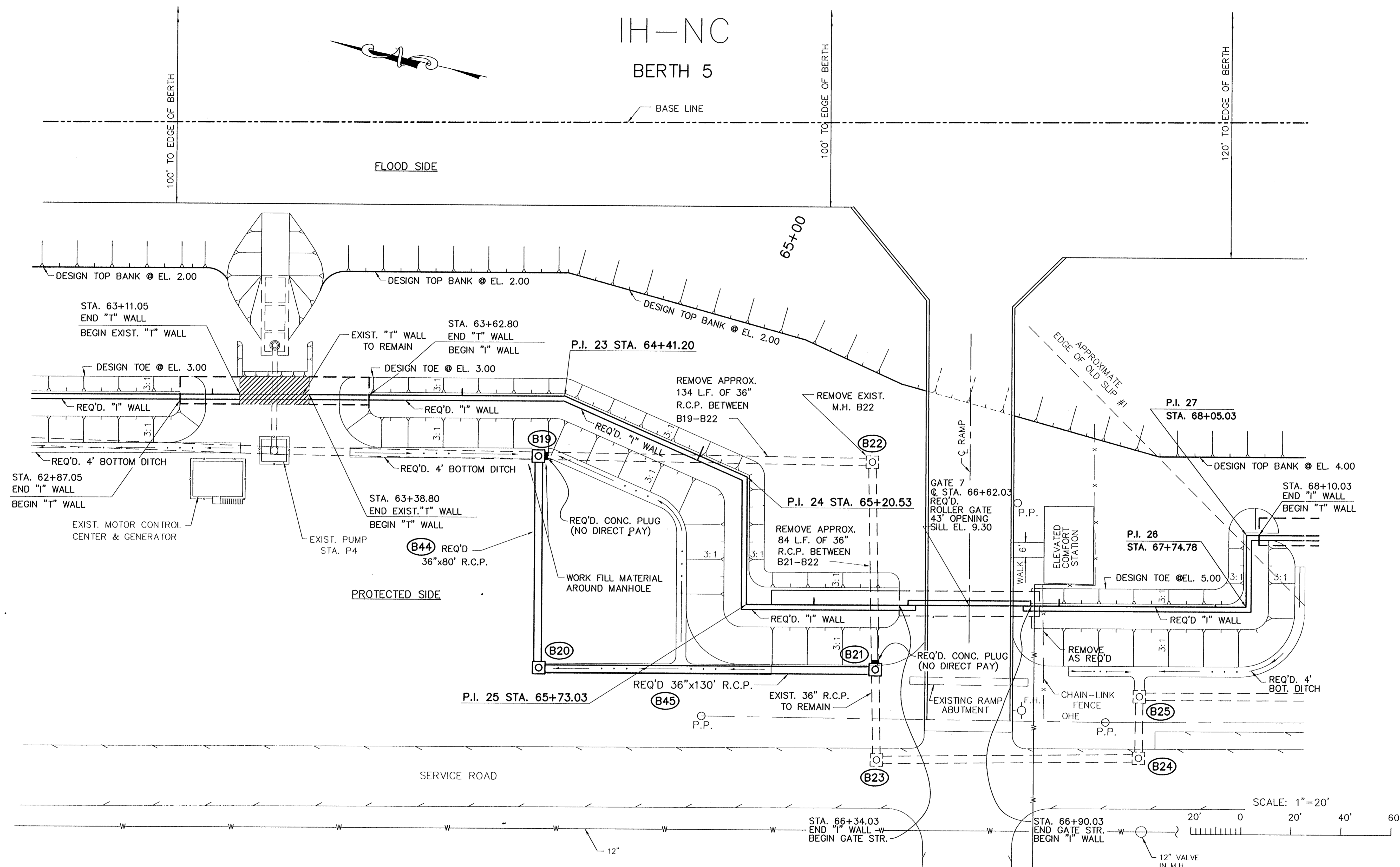
REFER TO STRUCTURE DWGS. FOR
GATE 6 DETAILS.

NEW ORLEANS
MARINE
CONTRACTORS, INC.
LEASE SITE

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PROJECT PLAN	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>R.S.G.</u> APPROVED <u>R.S.G.</u>		SCALE 1"=20' DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. P6P4		RECOMMENDED WILLIAM B. CHOMARIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W31		REG0000303	

Jan 12, 1998 - 15:00:38 P&O FILE: G:\CAD\CAD\504-006\PROJ-303\CIVIL\PEP4 [Login: Dovo]

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NEW ORLEANS
MARINE
CONTRACTORS, INC.
LEASE SITE

NOTE:
REFER TO DWGS. W55 & W56 FOR
MORE DETAILS.
REFER TO STRUCTURE DWGS. FOR
GATE 7 DETAILS.

CONSULTING ENGINEERS
PYBURN & ODOM, INC.
BATON ROUGE, LOUISIANA

IDENTIFICATION NO.
P4P3

DRAWN J.M.R.
DESIGNED J.N.S.
CHECKED R.S.G.
APPROVED R.S.G.

STATE OF LOUISIANA
R.A. GONZALEZ
REG. NO. 7770
REGISTERED PROFESSIONAL ENGINEER

BOARD OF COMMISSIONERS
PORT OF NEW ORLEANS

FRANCE ROAD TERMINAL
FLOOD CONTROL IMPROVEMENTS
TO TIDEWATER AREA FLOODWALL-SOUTH
STA. 35+13.01 TO STA. 88+82.36

PROJECT PLAN

SCALE 1"=20' DATE JAN. 14, 1998

DESIGNED J.N.S. DRAWN J.M.R.
CHECKED R.S.G. SUBMITTED R.S.G.
APPROVED R.S.G. PROJECT ENGINEER

RECOMMENDED APPROVED

WILLIAM B. CHOMARTE, P.E.
PROJECT ENGINEERING MANAGER

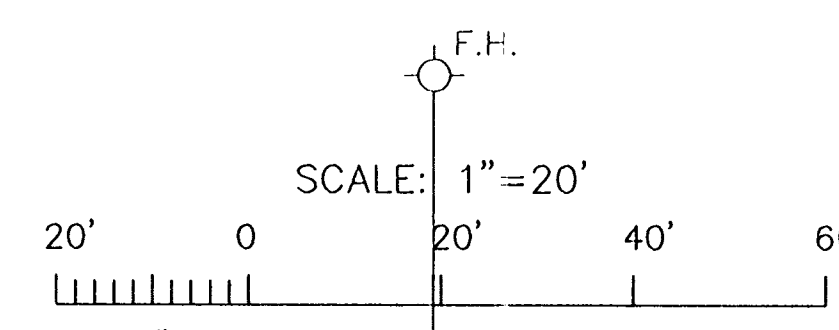
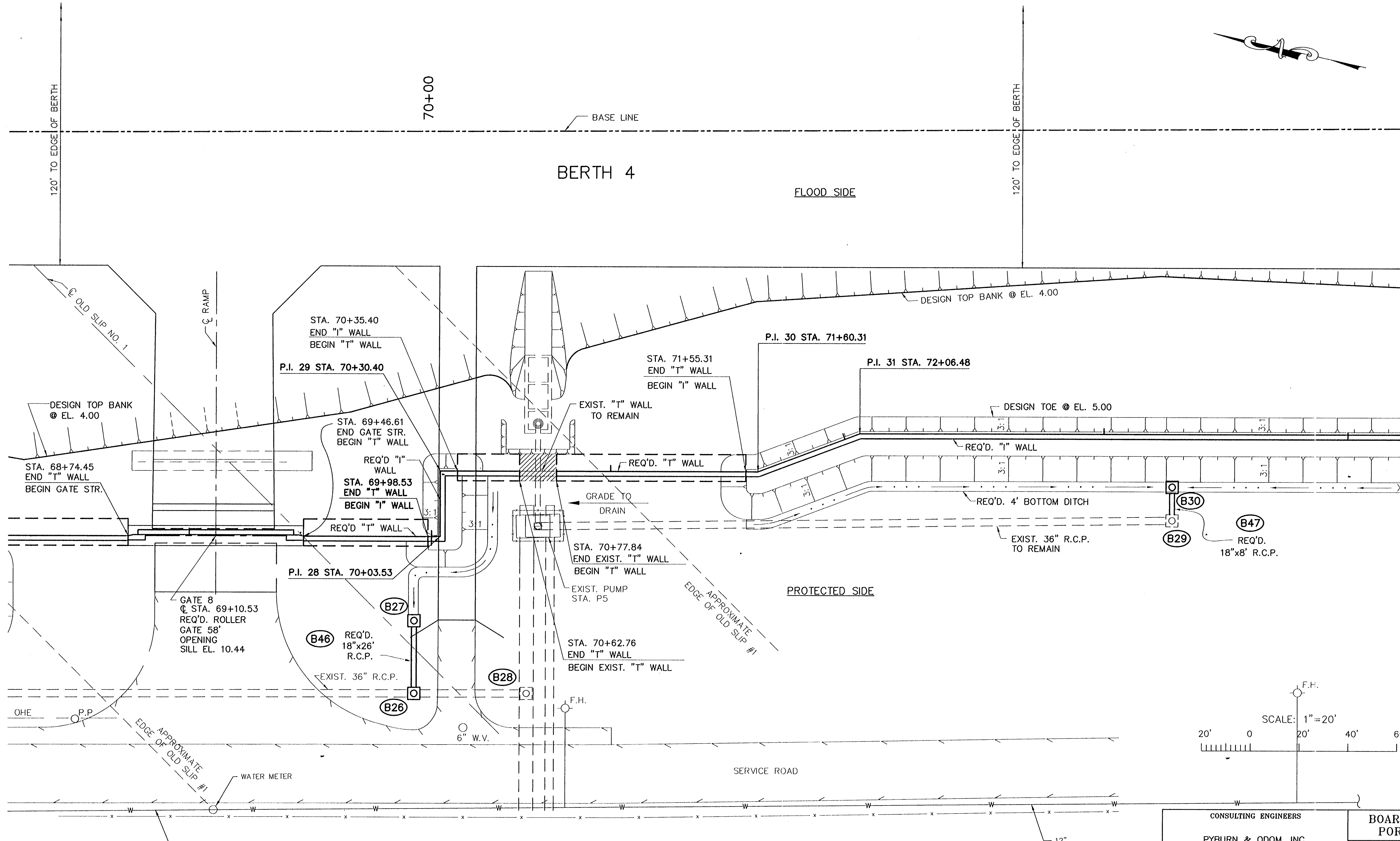
WILEY C. JONES, P.E.
DIRECTOR OF ENGINEERING

DWG. NO. M11-7008-W32

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REV. 1	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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IH-NC



CERES GULF LEASE SITE

NOTE:
REFER TO DWGS. W37, W58 & W59 FOR MORE DETAILS AT RAMP. REFER TO STRUCTURE DWGS. FOR GATE 8 DETAILS.

Jan 12, 1998 - 15:17:20 P&O FILE: G:\CAD\CAD\504-008\PROJ-303\CIVIL\P4P3 [Login: Dcvo]

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1	6	5	4	3	2	1			

CONSULTING ENGINEERS
PYBURN & ODOM, INC.
BATON ROUGE, LOUISIANA

DRAWN J.M.R.
DESIGNED J.N.S.
CHECKED R.S.G.
APPROVED R.S.G.

IDENTIFICATION NO. P4P3

BOARD OF COMMISSIONERS
PORT OF NEW ORLEANS

FRANCE ROAD TERMINAL
FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH
STA. 35+13.01 TO STA. 88+62.36
PROJECT PLAN

SCALE: 1"=20'

DATE: JAN. 14, 1998

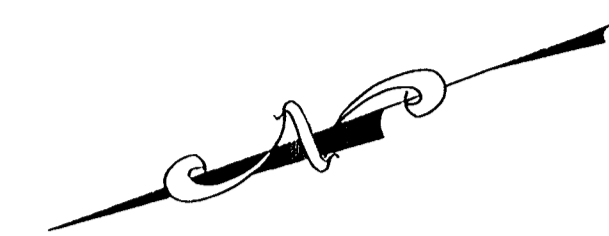
DESIGNED J.N.S. DRAWN J.M.R.
CHECKED R.S.G. SUBMITTED R.S.G.
CHECKED R.S.G. BY R.S.G. PROJECT ENGINEER

RECOMMENDED APPROVED

WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER
KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING

DWG. NO. M11-7008-W33

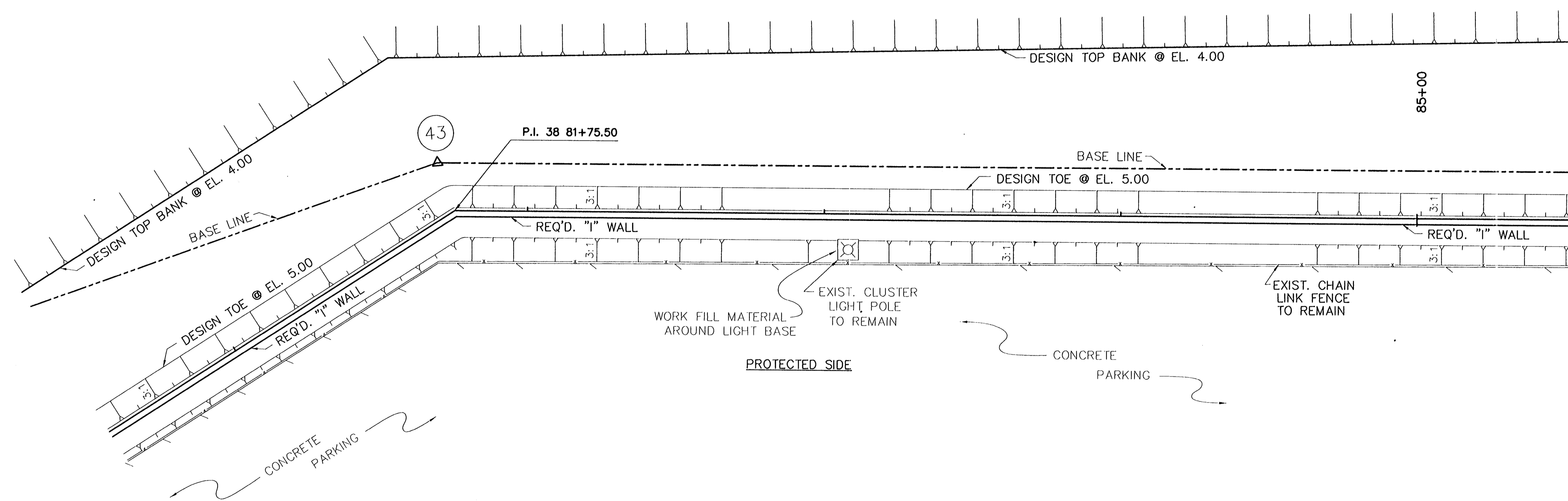
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	22



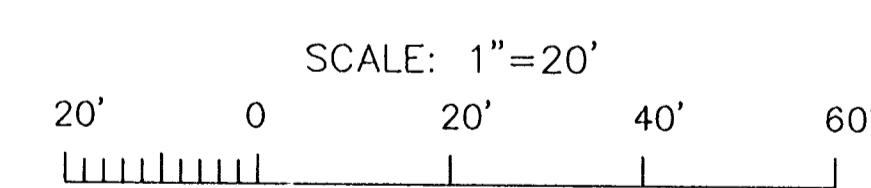
IH-NC

IH-NC

FLOOD SIDE



SEA LAND SERVICES, INC.
LEASE SITE

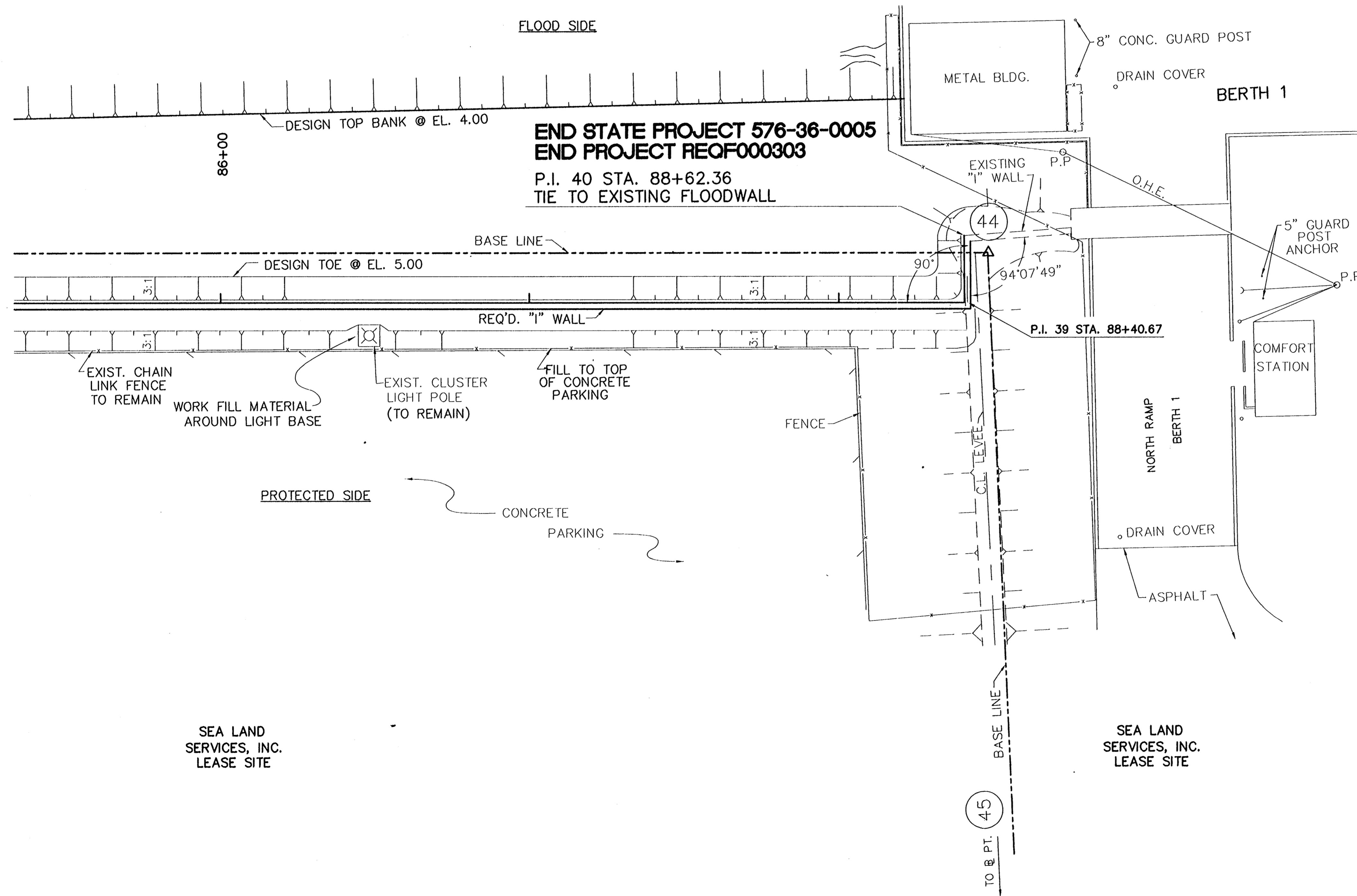
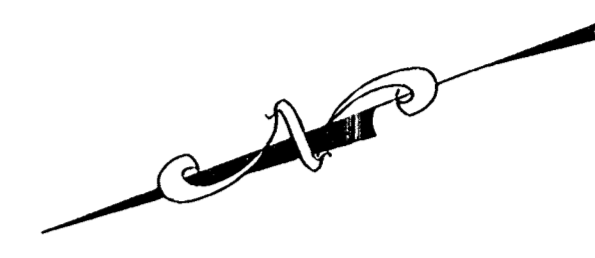


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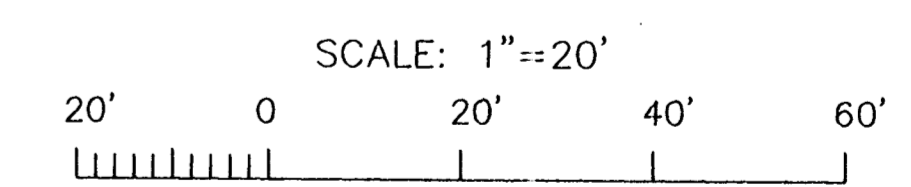
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PROJECT PLAN	
		SCALE 1"=20' DATE JAN. 14, 1998 DRAWN J.M.R. DESIGNED J.N.S. CHECKED R.S.G. APPROVED R.S.G. IDENTIFICATION NO. P3BER1	
RECOMMENDED WILLIAM B. CHOMARTE, P.E. PROJECT ENGINEERING MANAGER		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W35		REG#000303	

IH-NC



SEA LAND SERVICES, INC.
LEASE SITE

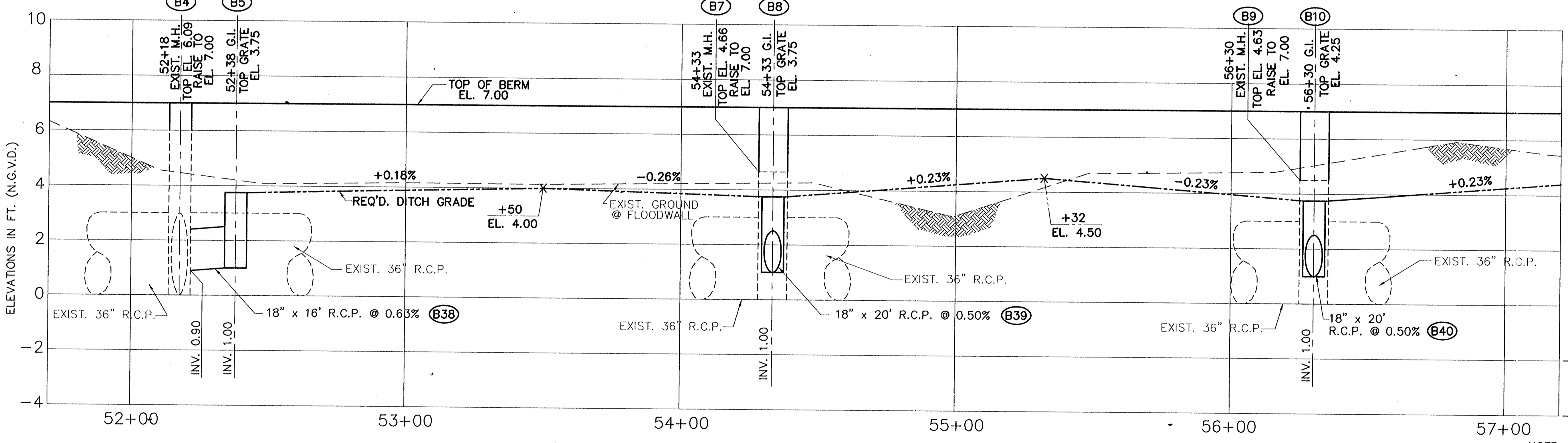
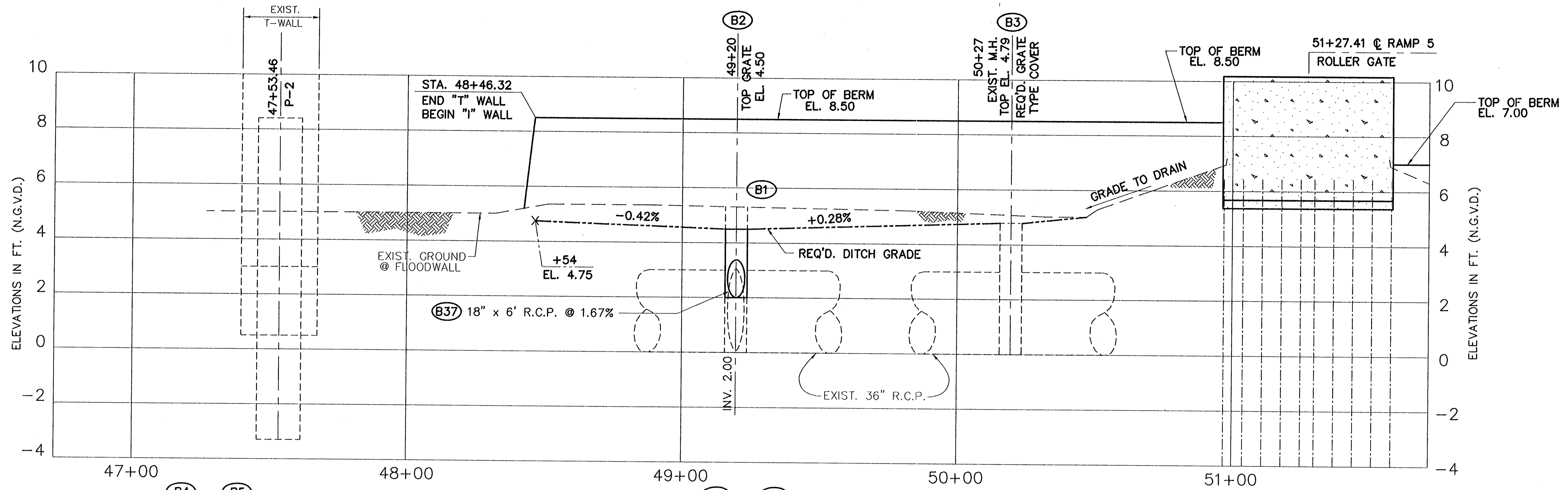
SEA LAND SERVICES, INC.
LEASE SITE



REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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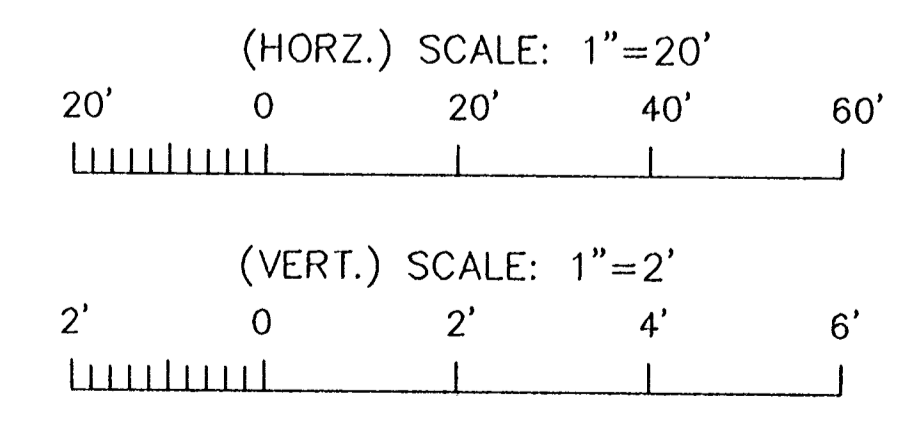
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+62.36 PROJECT PLAN	
	DRAWN J.M.R. DESIGNED J.N.S. CHECKED R.S.G. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	RECOMMENDED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER
	IDENTIFICATION NO. P3BER1	APPROVED RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	DWG. NO. M11-7008-W36 REF000303

Jun 12, 1998 - 15:31:22 PLO FILE G:\CAD\CAD\G04-008\PROJ-303\DWG\VP3BER1 [Login: Dave]



(STATIONS MEASURED ALONG FACE OF PROPOSED FLOODWALL)

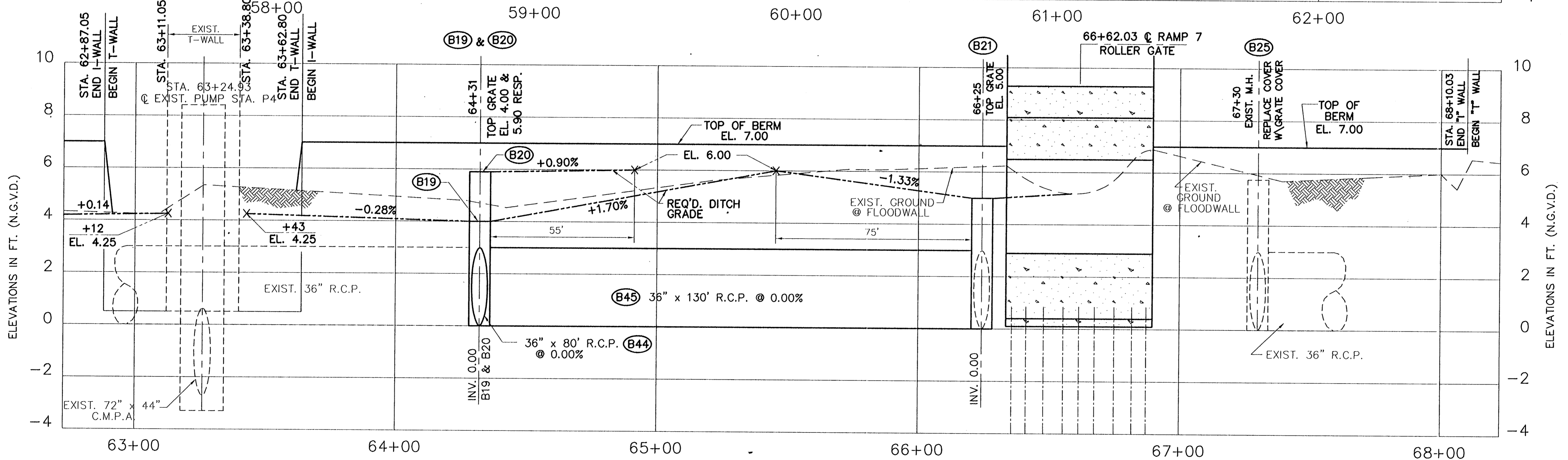
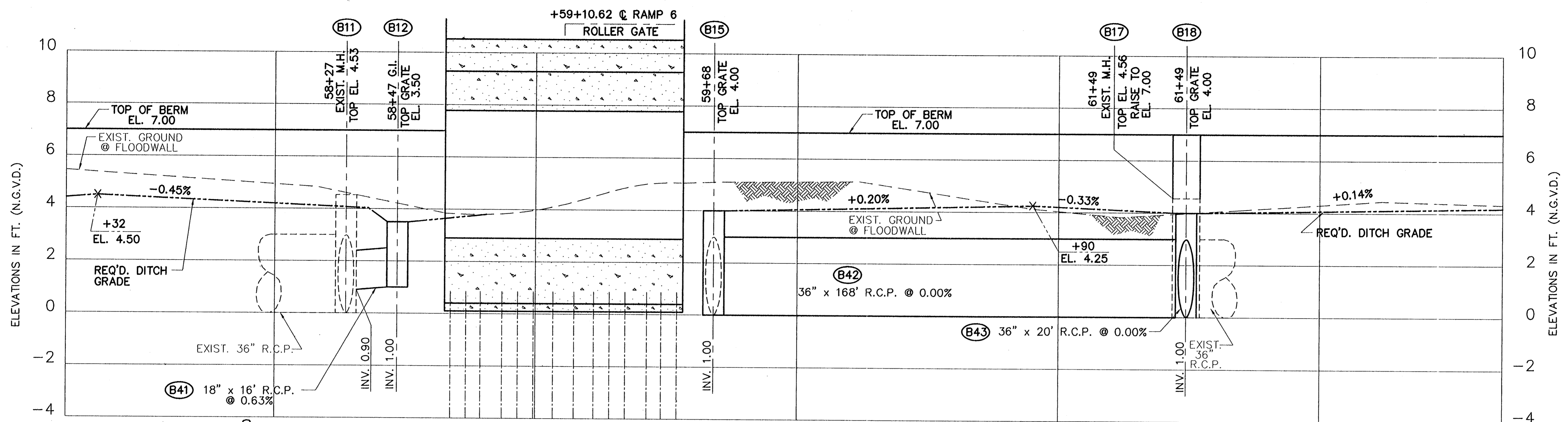
NOTE: STATIONS SHOWN ARE W/L STATIONS.



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA	BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
	FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 PROJECT PROFILE	
DRAWN J.M.R. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE 1"=20' RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
IDENTIFICATION NO. PRBERTH	DWG. NO. M11-7008-W39	REF0000303

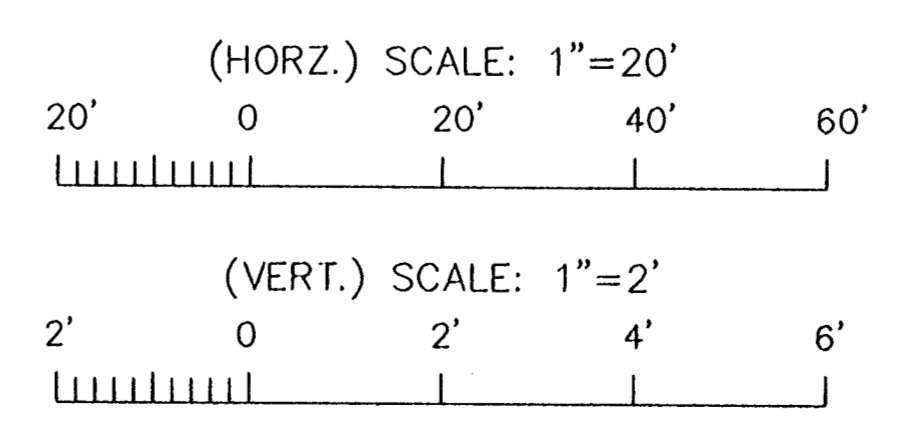
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(STATIONS MEASURED ALONG FACE OF PROPOSED FLOODWALL)

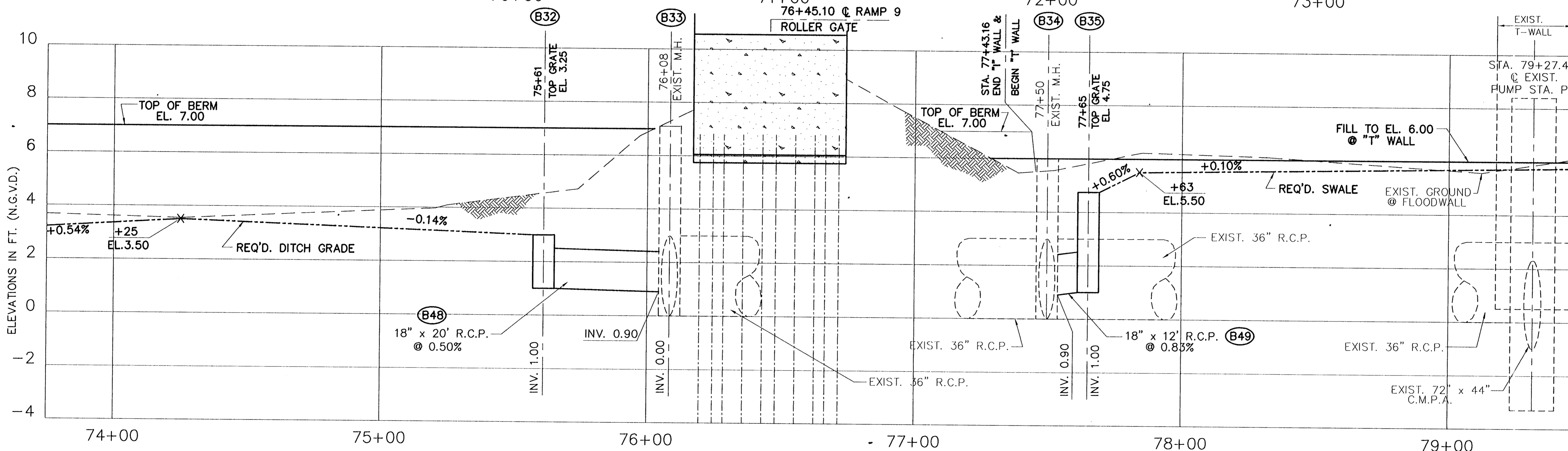
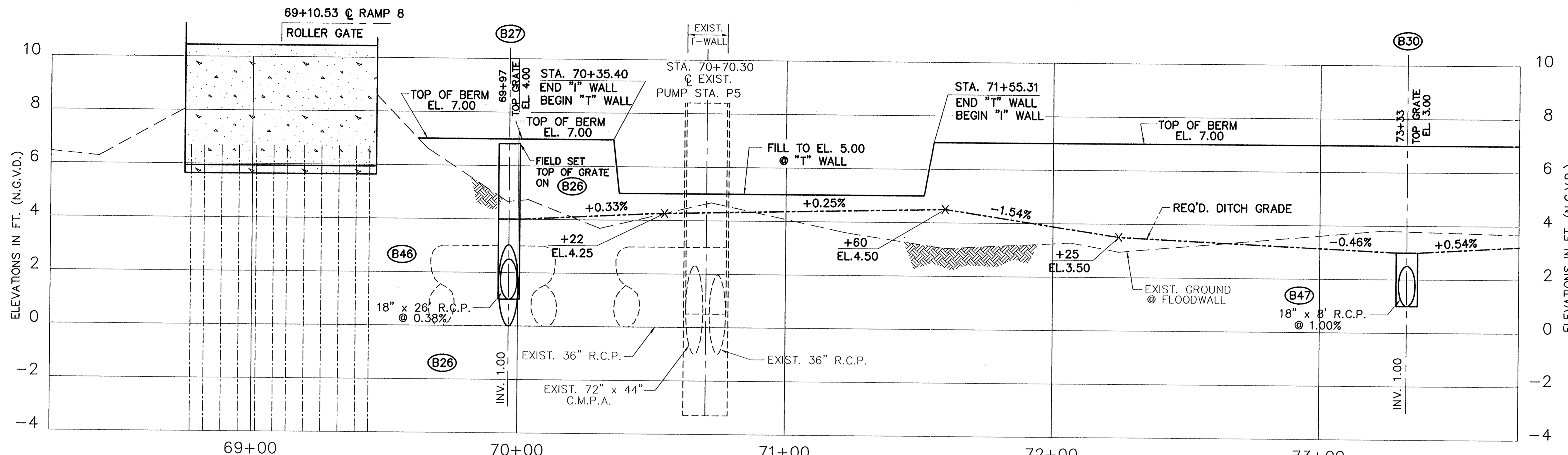
NOTE:
STATIONS SHOWN ARE W/L STATIONS.



REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
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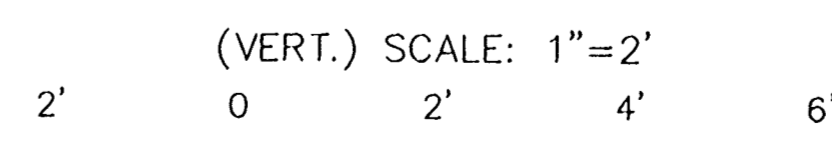
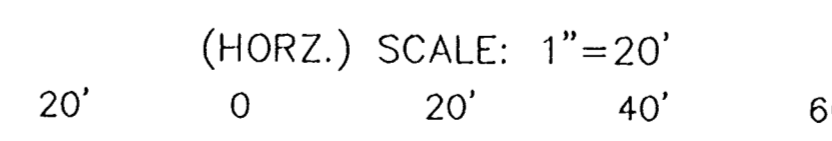
CONSULTING ENGINEERS PYBURN & ODUM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 PROJECT PROFILE	
DRAWN J.M.R. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE 1"=20' DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. PRBERTH		WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W40		REVISIONS	

Jan 12, 1998 - 15:36:53 P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\PRBERTH [Login: Dave]



(STATIONS MEASURED ALONG FACE OF PROPOSED FLOODWALL)

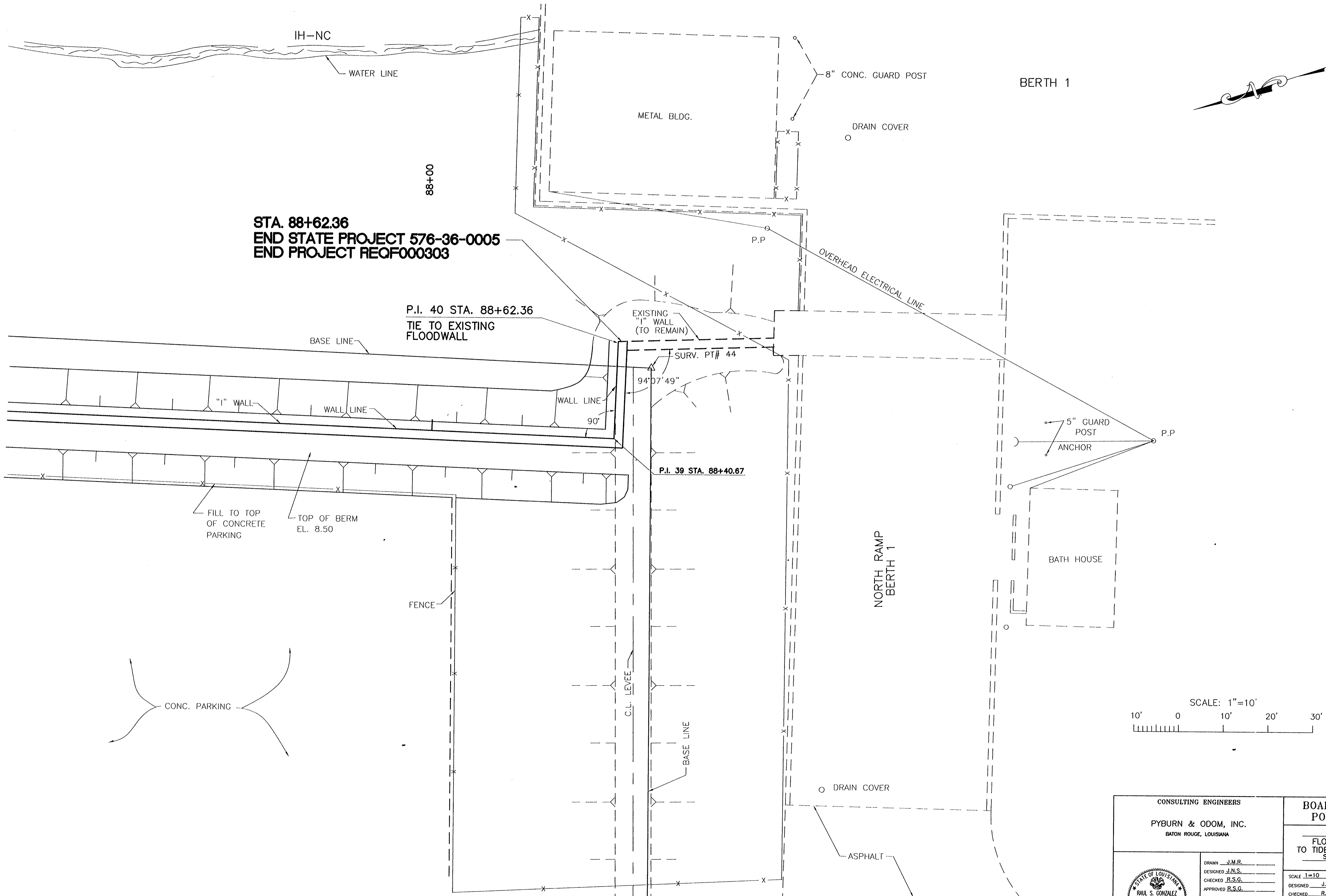
NOTE:
STATIONS SHOWN ARE W/L STATIONS.



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PROJECT PROFILE	
		SCALE 1"=20' DATE JAN. 14, 1998 DESIGNED J.N.S. DRAWN J.M.R. CHECKED J.N.S. APPROVED B.S.G. SUBMITTED BY R.S.G. PROJECT ENGINEER IDENTIFICATION NO. PRBERTH RECOMMENDED BY WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER APPROVED BY KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W41		REG000003	

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	28



STA. 88+62.36
END STATE PROJECT 576-36-0005
END PROJECT REOF000303

P.I. 40 STA. 88+62.36
 TIE TO EXISTING
 FLOODWALL

EXISTING
 "1" WALL
 (TO REMAIN)

SURV. PT# 44

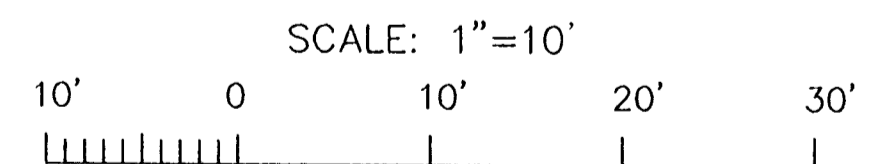
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P.I. 39 STA. 88+40.67

FILL TO TOP
 OF CONCRETE
 PARKING

TOP OF BERM
 EL. 8.50

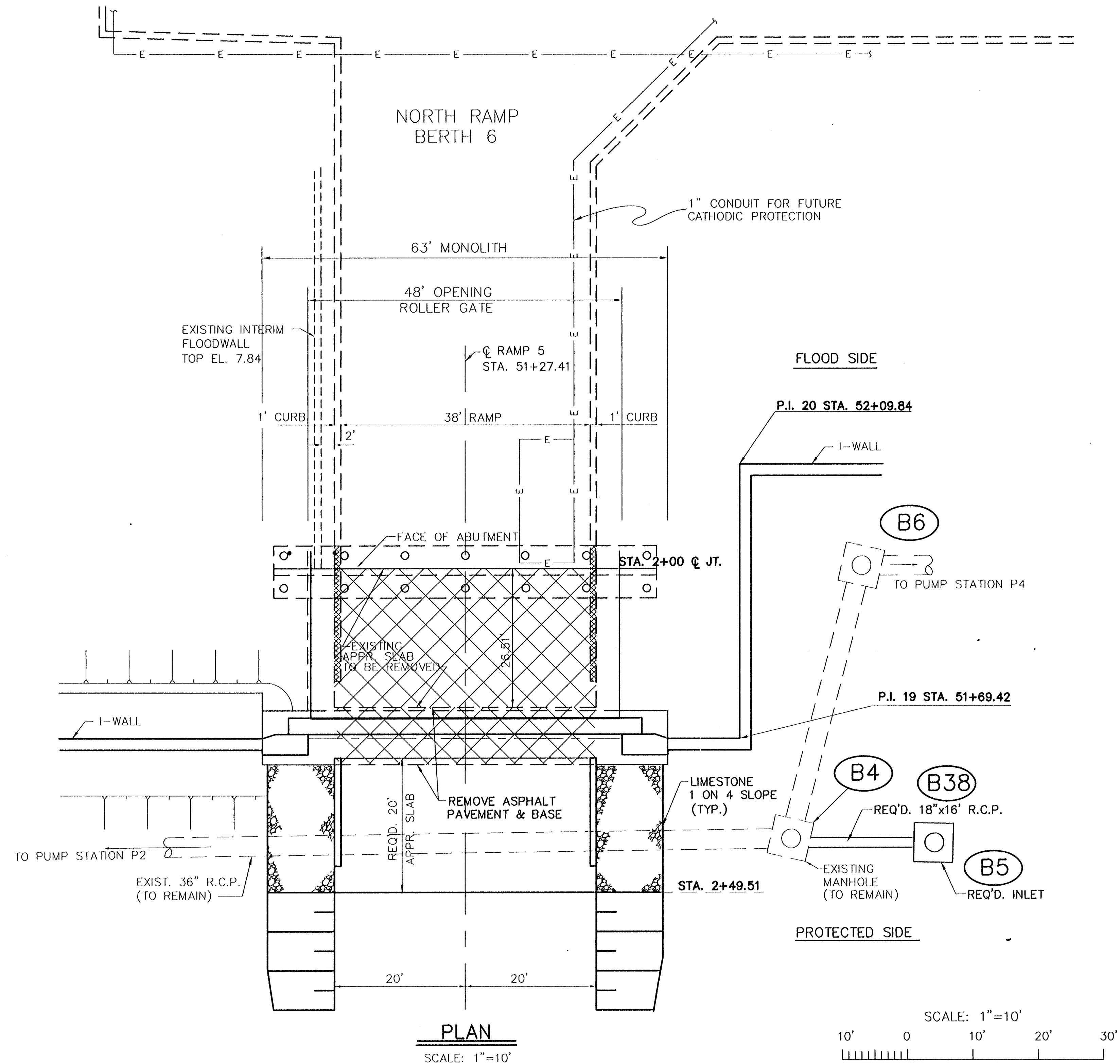
CONC. PARKING



Jun 12, 1998 - 15:44:50 PWD FILE C:\CAD\ACAD\564-006\PROJ-203\CAD\BER1END [Logon: Dave]

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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 FLOODWALL TIE-IN SOUTH	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>R.S.G.</u> APPROVED <u>R.S.G.</u>		SCALE 1"=10' DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
		IDENTIFICATION NO. BER1END	
RECOMMENDED WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W45		REOF000303	



UTILITY REFERENCE

ELECTRIC: M11F-5793-W-E2
 WATER: M11F-5793-W-M1

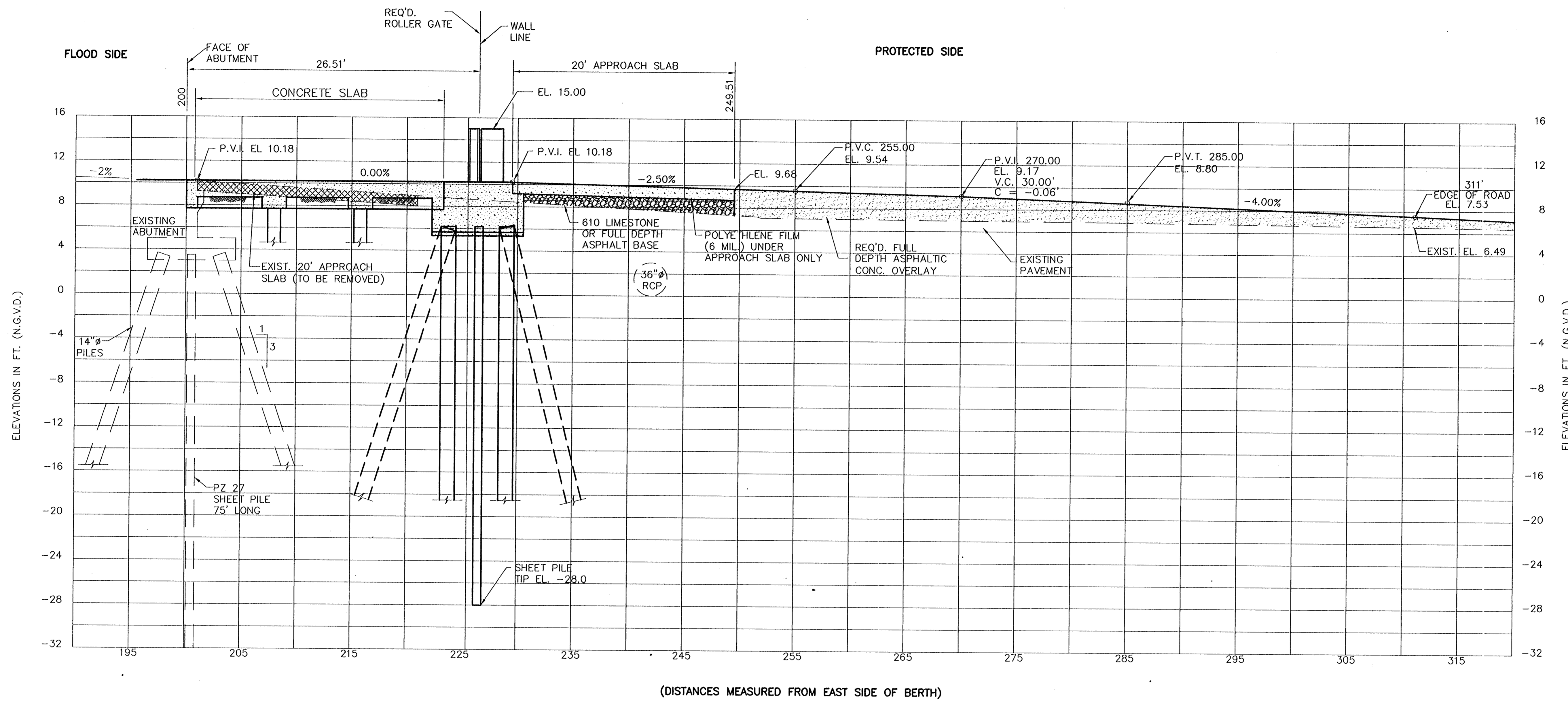
NOTE: LOCATION OF UTILITIES AND RELATIVE DISTANCES AND ELEVATIONS SHOWN FROM REFERENCE DRAWINGS FOR INFORMATION ONLY.

THIS FLOOD GATE IS LOCATED IN OLD SLIP NO. 2.

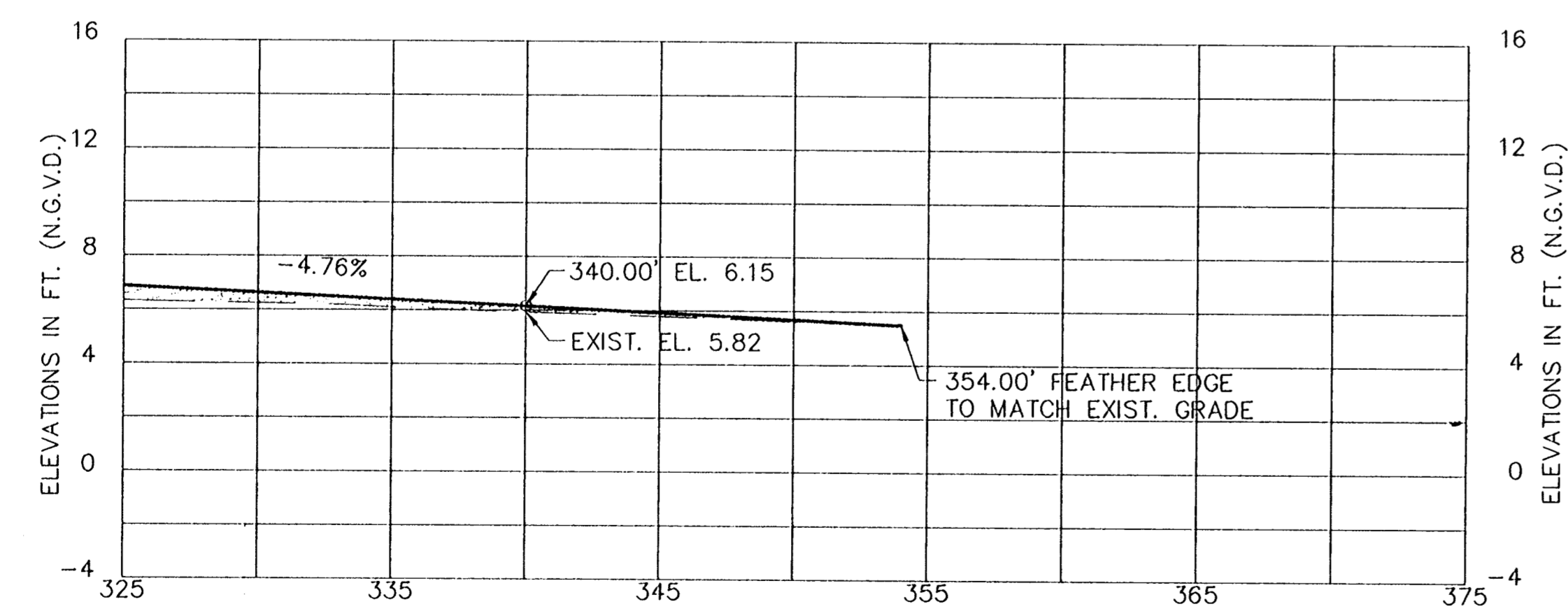
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PLAN - GATE NO. 5 RAMP	
SCALE 1"=10' DESIGNED J.N.S. CHECKED R.S.G. APPROVED R.S.G.		SCALE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RAMP5		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	
DWG. NO. M11-7008-W50		REQ000303	

Jan 12, 1998 - 15:47:00 PM G:\CAD\ACAD\504-008\PROJ-303\CIVIL\RAMP5 [Logon: Dave]

REV. 1	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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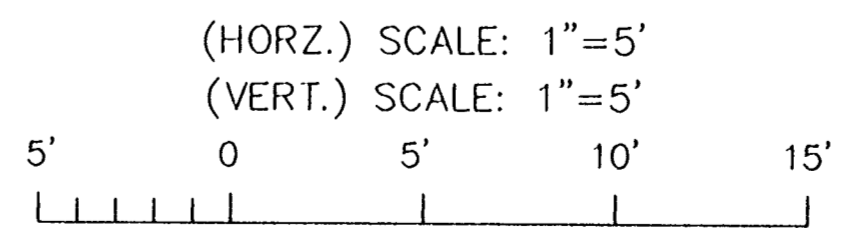


(DISTANCES MEASURED FROM EAST SIDE OF BERTH)



PROFILE NORTH RAMP - BERTH 6

(HORZ.) SCALE: 1" = 5'
(VERT.) SCALE: 1" = 5'

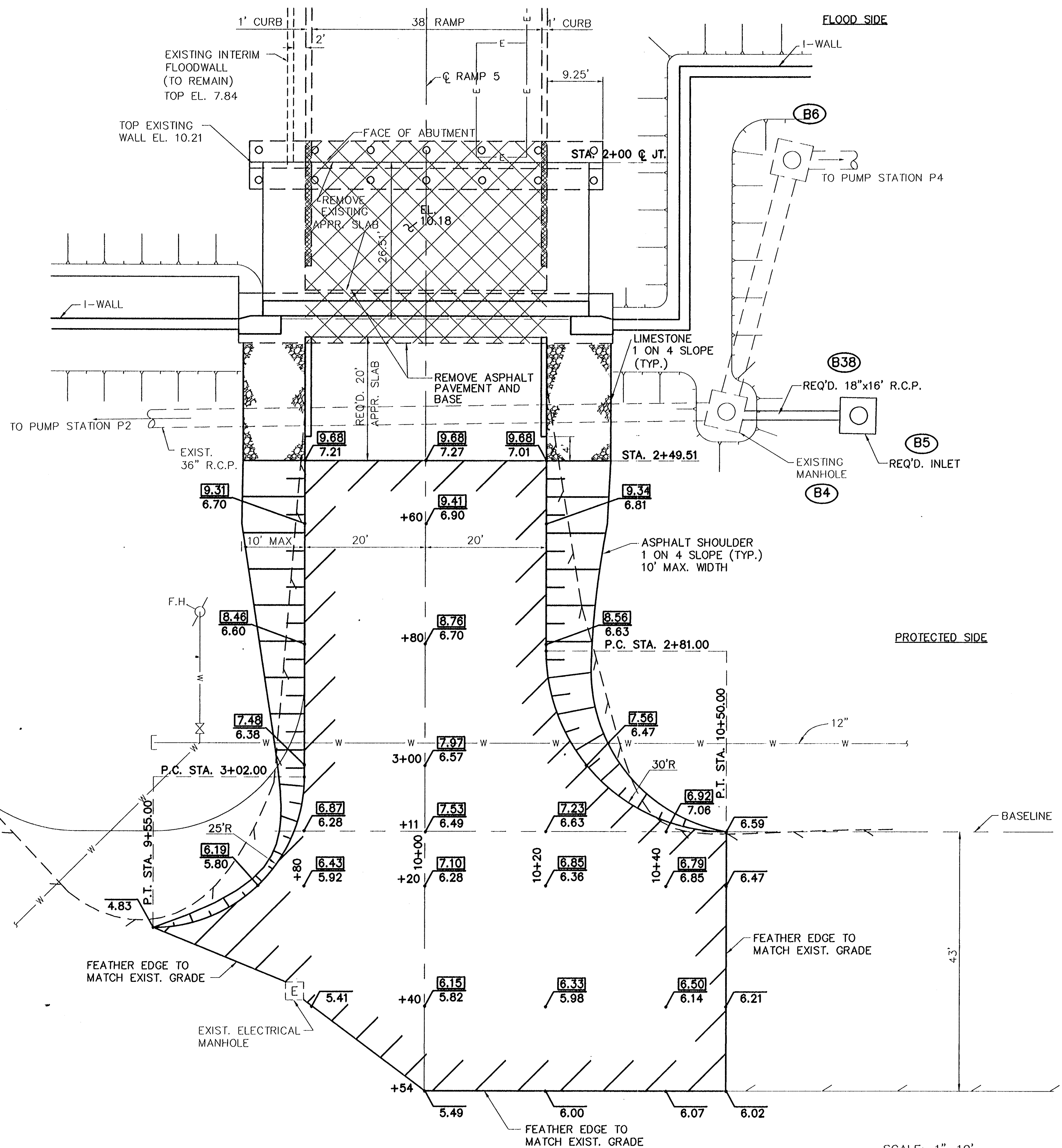


NOTE:
THIS FLOODGATE IS LOCATED
IN OLD SLIP NO. 2.

Jan 12, 1998 - 13:24:22 PLOT FILE: C:\AD\AD\AD\104-008\PROJ\303\DWG\WATERPROF.DWG [Login: Don]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PROFILE - GATE NO. 5 RAMP	
DRAWN J.M.R. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE 1"=5' DESIGNED J.N.S. CHECKED J.N.S.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. RAMP5PRO		RECOMMENDED WILLIAM B. CHAMARIE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W51		REF0000303	



UTILITY REFERENCE

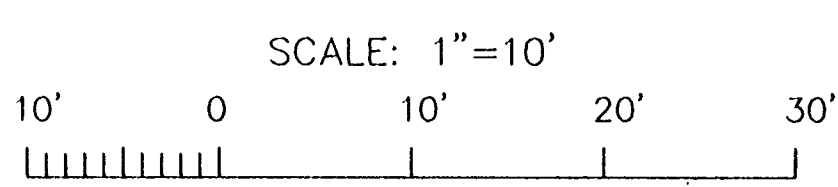
ELECTRIC: M11F-5793-W-E2
 WATER: M11F-5793-W-M1

NOTE: LOCATION OF UTILITIES AND RELATIVE DISTANCES AND ELEVATIONS SHOWN FROM REFERENCE DRAWINGS FOR INFORMATION ONLY.

LEGEND:

- REQUIRED ASPHALT OVERLAY
- NEW ELEVATION
- EXISTING ELEVATION
- EXISTING WATER LINE
- EXISTING DRAINAGE LINE
- EXISTING ELECTRICAL MANHOLE
- EXISTING FIRE HYDRANT

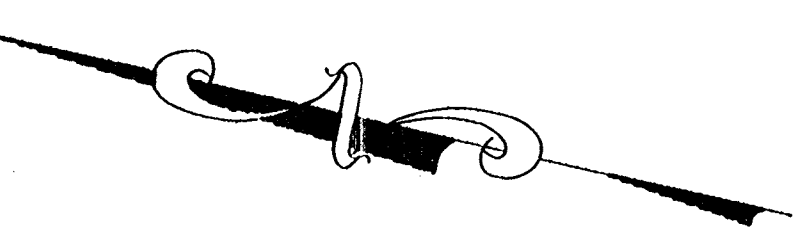
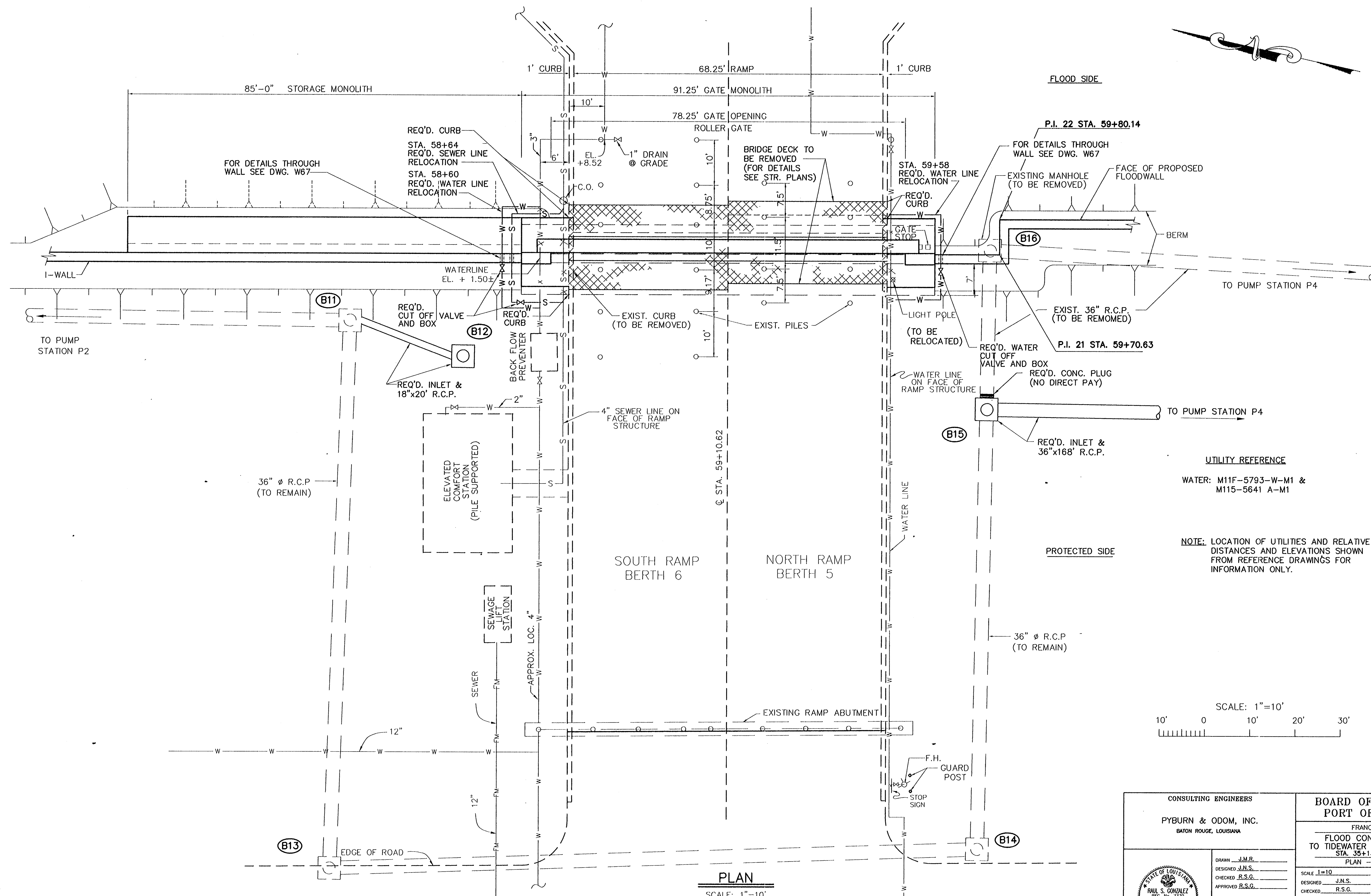
PLAN
 SCALE: 1"=10'



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 TURNOUT DETAIL - GATE NO. 5 RAMP	
DRAWN: J.M.R. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED BY: R.S.G. PROJECT ENGINEER	SCALE: 1"=10' DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED BY: R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. R5TURN		RECOMMENDED BY: _____ APPROVED: _____ WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W52		REF0000303	

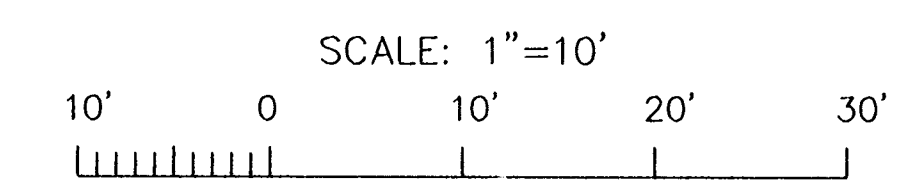
Jan. 12, 1998 - 15:56:27 P&P FILE: G:\CAD\ACAD\504-008\PROJ-303\CIVIL\RETURN [Login: Dove]

REV. 1	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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UTILITY REFERENCE
 WATER: M11F-5793-W-M1 &
 M115-5641 A-M1

NOTE: LOCATION OF UTILITIES AND RELATIVE
 DISTANCES AND ELEVATIONS SHOWN
 FROM REFERENCE DRAWINGS FOR
 INFORMATION ONLY.

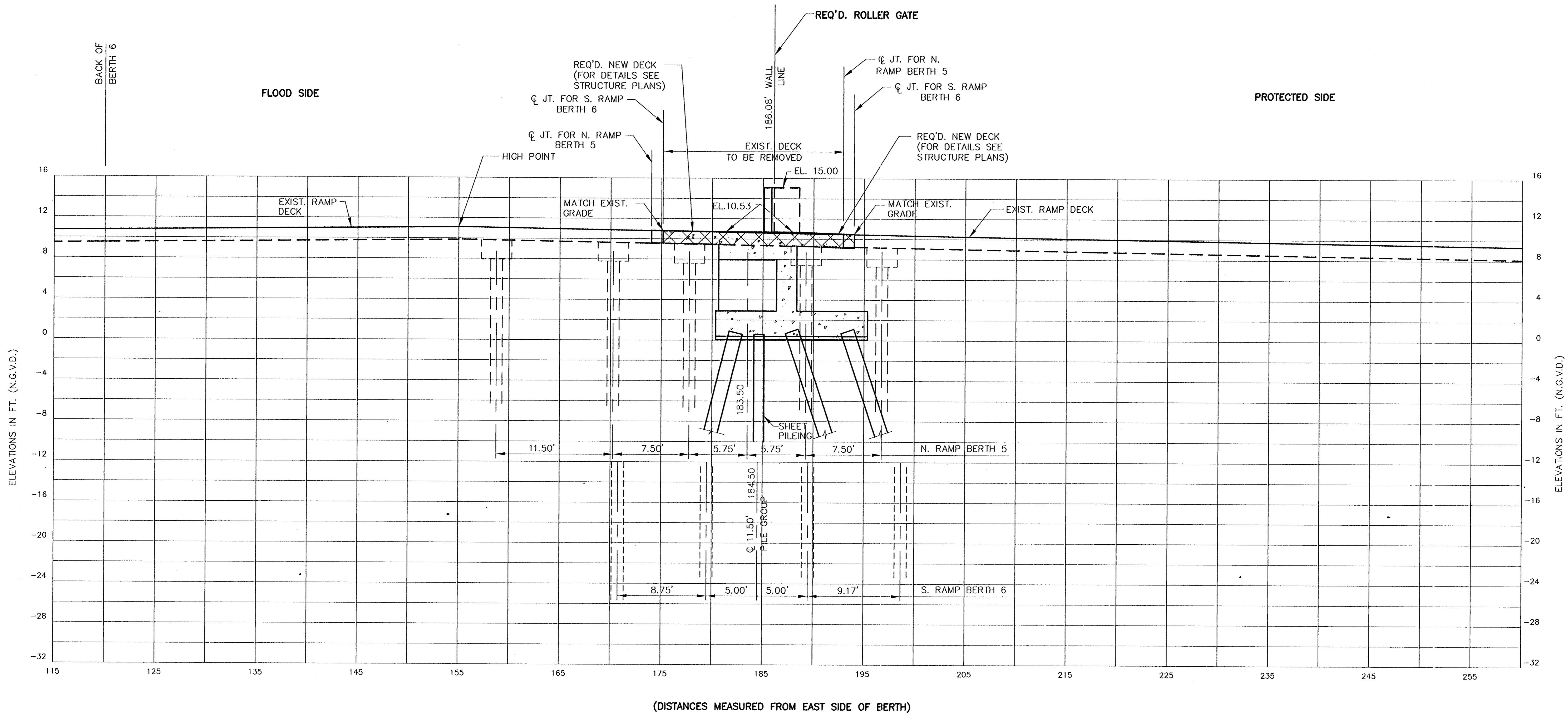


PLAN
 SCALE: 1"=10'

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PLAN - GATE NO. 6 RAMP	
DRAWN J.M.R. DESIGNED J.N.S. CHECKED R.S.G. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE 1"=10' DATE JAN. 14, 1998	IDENTIFICATION NO. RAMP 6
WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W53		REF0000303	

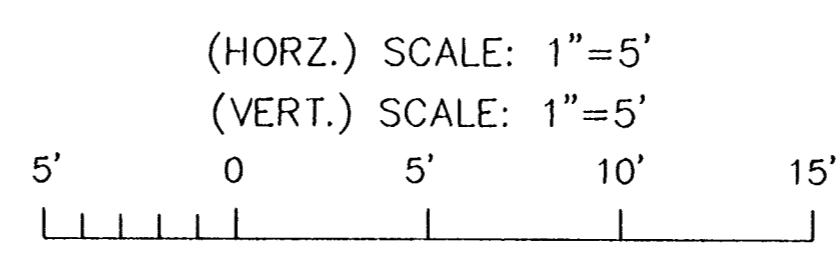
Jun 12, 1998 - 16:00:06 P&O FILE: G:\CAD\CAD\504-006\PROJ-303\CIVIL\RAMP6 [Login: Dave]

REV. 1	BY	DATE	REV. 2	BY	DATE	REV. 3	BY	DATE	REV. 4	BY	DATE	REV. 5	BY	DATE	REV. 6	BY	DATE
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PROFILE SOUTH RAMP - BERTH 6 & NORTH RAMP - BERTH 5

(HORZ.) SCALE: 1"=5'
(VERT.) SCALE: 1"=5'

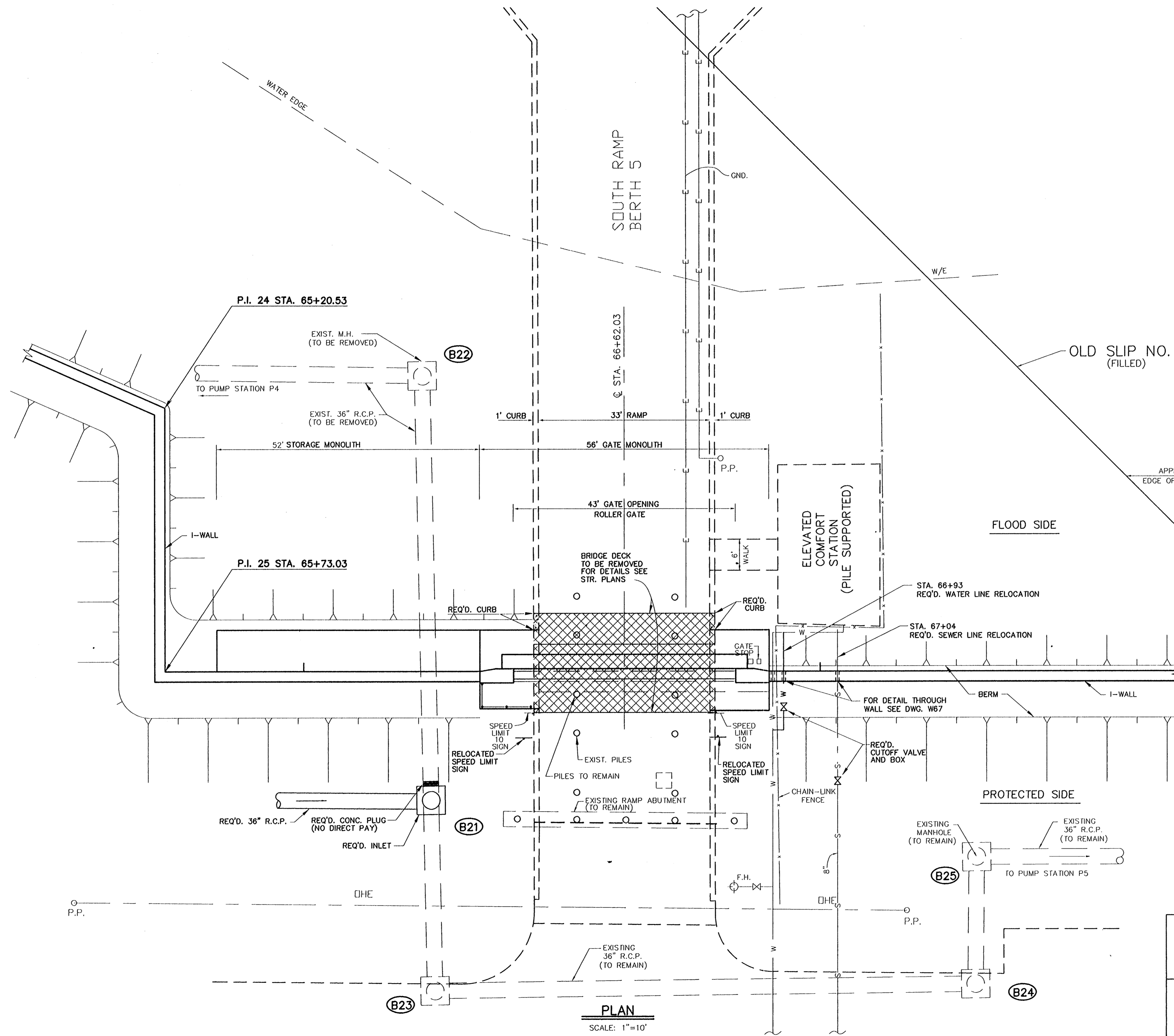


NOTE: PROFILE LOOKING SOUTH

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PROFILE - GATE NO. 6 RAMP	
DESIGNED J.M.R. CHECKED J.N.S. APPROVED R.S.G.	DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE 1"=5' DESIGNED J.N.S. CHECKED J.N.S.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. RAMP6PRO		RECOMMENDED WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W54		REQ000303	

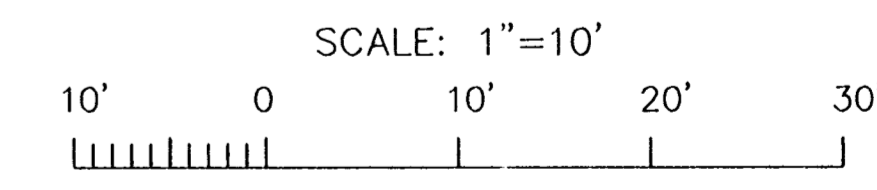
Jan 12, 1998 - 16:02:03[P&O FILE: G:\CAD\CAD\504-006\PROJ-303\CIVIL\RAMP6PRO] [Login: Dava]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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UTILITY REFERENCE
 WATER: M11D-5740-W-M1 & M11E-5641 A-M1 & M11-5817-A
 ELECTRIC: M11D-5740-W-E2
 SEWER: M11E-5641 A-M1

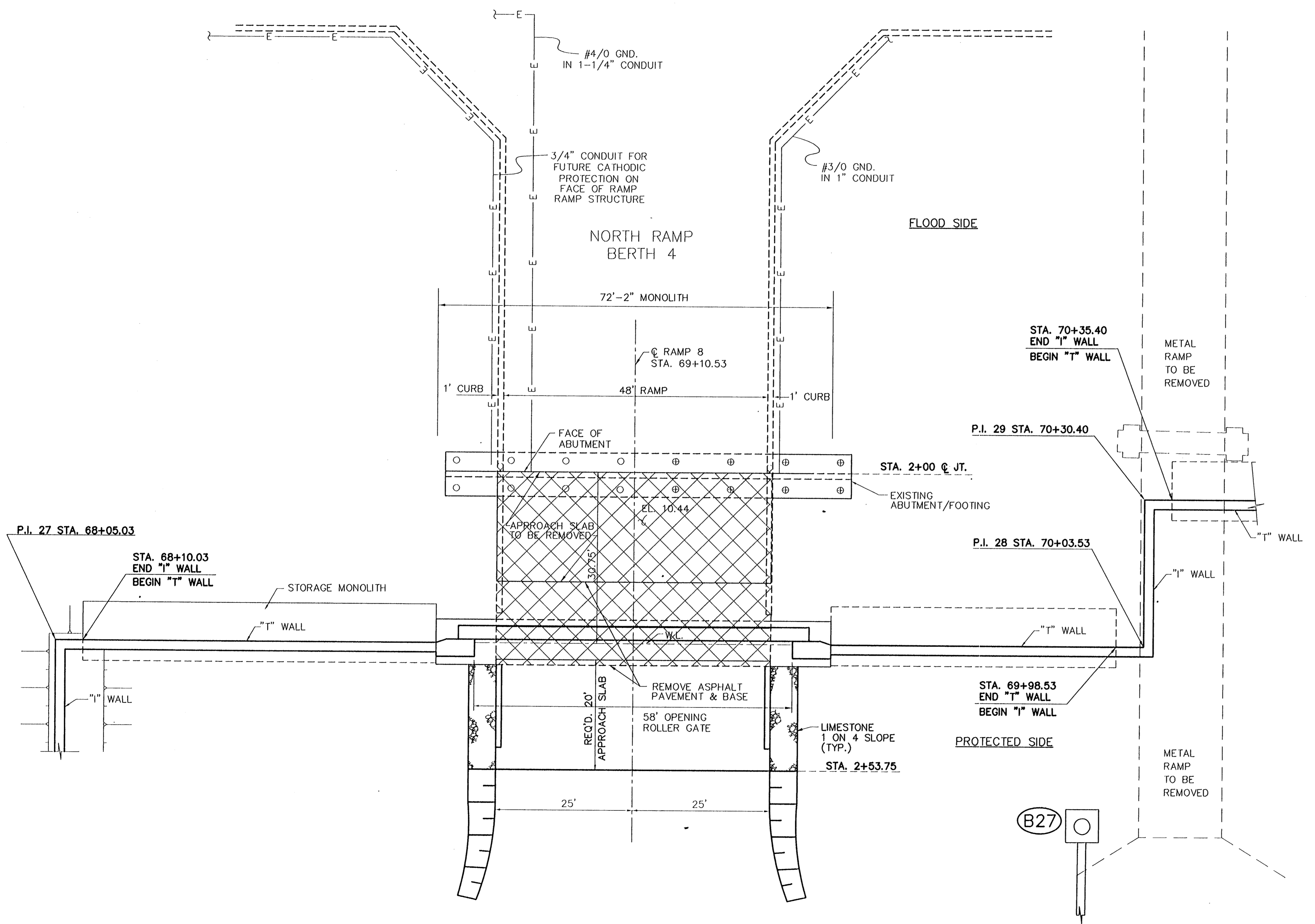
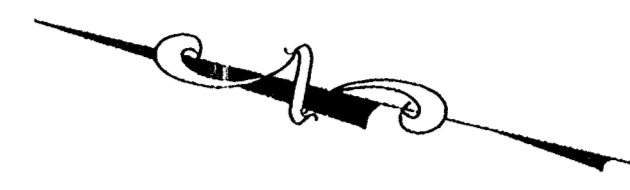
NOTE: LOCATION OF UTILITIES AND RELATIVE DISTANCES AND ELEVATIONS SHOWN FROM REFERENCE DRAWINGS FOR INFORMATION ONLY.



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PLAN - GATE NO. 7 RAMP	
DRAWN L.P.C. DESIGNED J.N.S. CHECKED R.S.G. APPROVED R.S.G.		SCALE 1"=10' DATE JAN. 14, 1998 DESIGNED J.N.S. DRAWN L.P.C. CHECKED R.S.G. SUBMITTED R.S.G. RECOMMENDED APPROVED PROJECT ENGINEER	
IDENTIFICATION NO. RAMP 7		WILLIAM D. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W55		REG000303	

Jun 12, 1998 - 16:04:45 PLO FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\RAMP7 [Login: Dave]

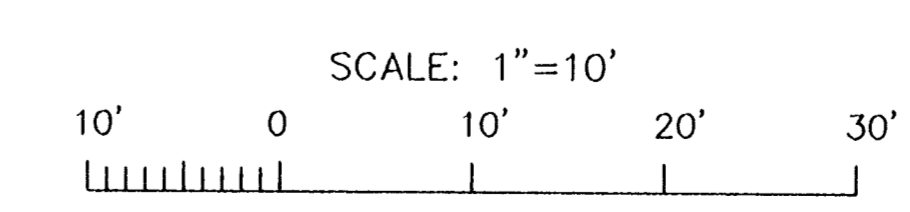
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
7			6			5			4			3			2		



UTILITY REFERENCE
ELECTRIC: M11D-5740-W-E1 & E2

NOTE: LOCATION OF UTILITIES AND RELATIVE DISTANCES AND ELEVATIONS SHOWN FROM REFERENCE DRAWINGS FOR INFORMATION ONLY.

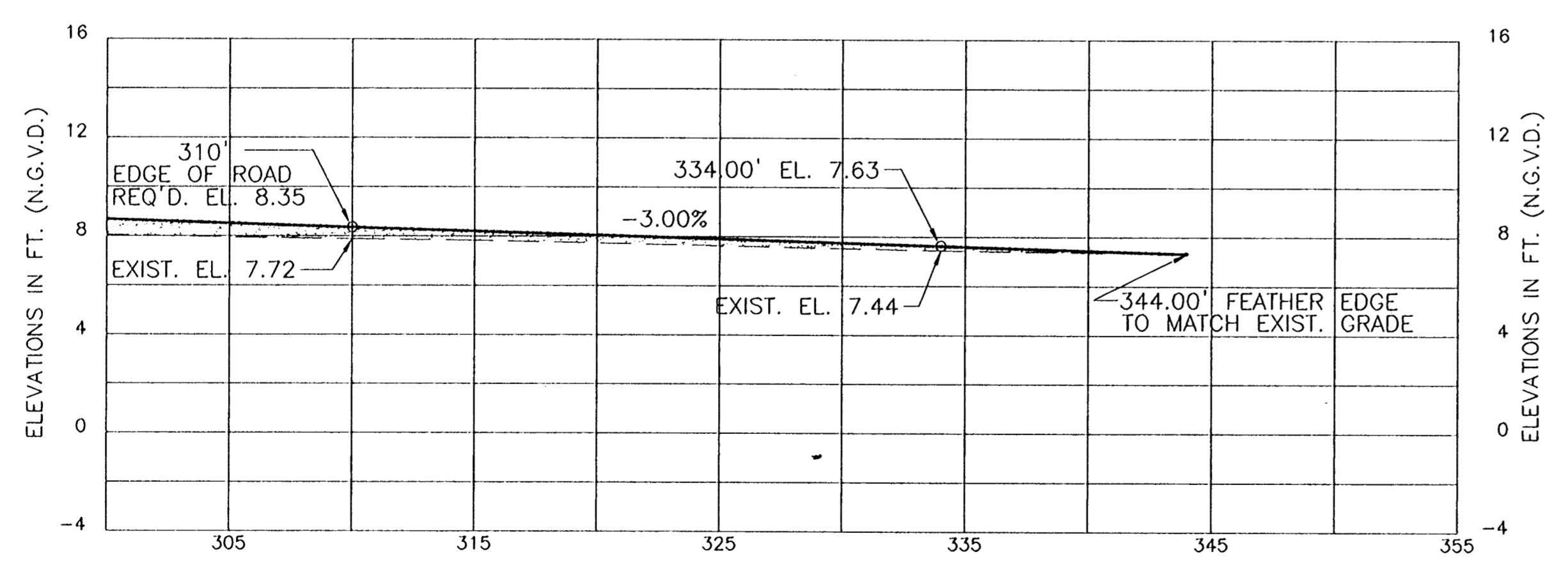
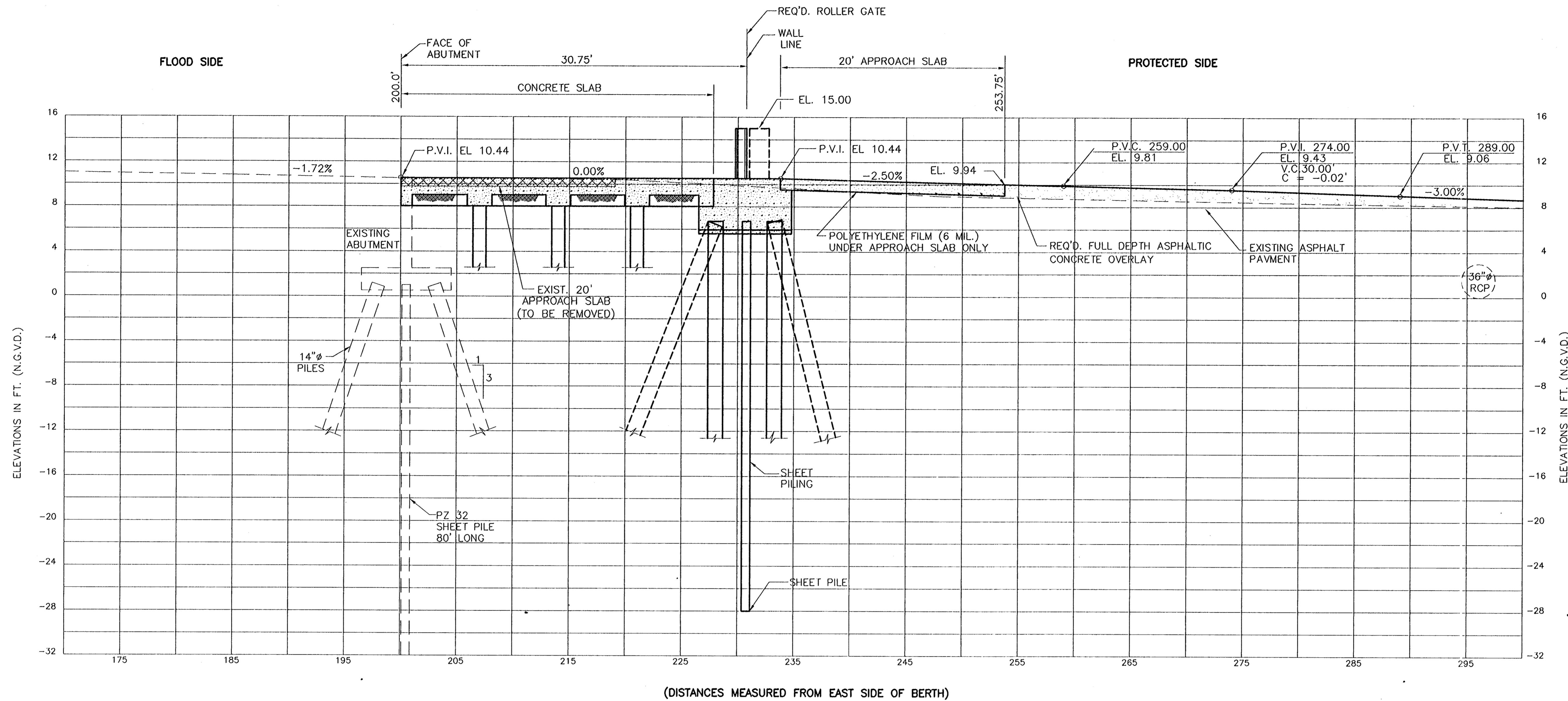
PLAN
SCALE: 1"=10'



Jan. 12, 1998 - 15:08:47 PLO FILE: G:\CADD\10564\10564-006\PR01-303\Civil\RAMB [Login: Dovo]

REV. 17	BY	DATE	REV. 6	BY	DATE	REV. 9	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PLAN-GATE NO. 8 RAMP	
DRAWN: L.P.C. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: L.P.C. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE 1"=10' DESIGNED: J.N.S. CHECKED: J.N.S. RECOMMENDED: _____ APPROVED: _____ PROJECT ENGINEER	
IDENTIFICATION NO. RAMP8		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER FILE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W57		REG#000303	



PROFILE NORTH RAMP - BERTH 4
 (HORZ.) SCALE: 1" = 5'
 (VERT.) SCALE: 1" = 5'

NOTE:
 THIS FLOODGATE IS LOCATED
 IN OLD SLIP NO. 1.

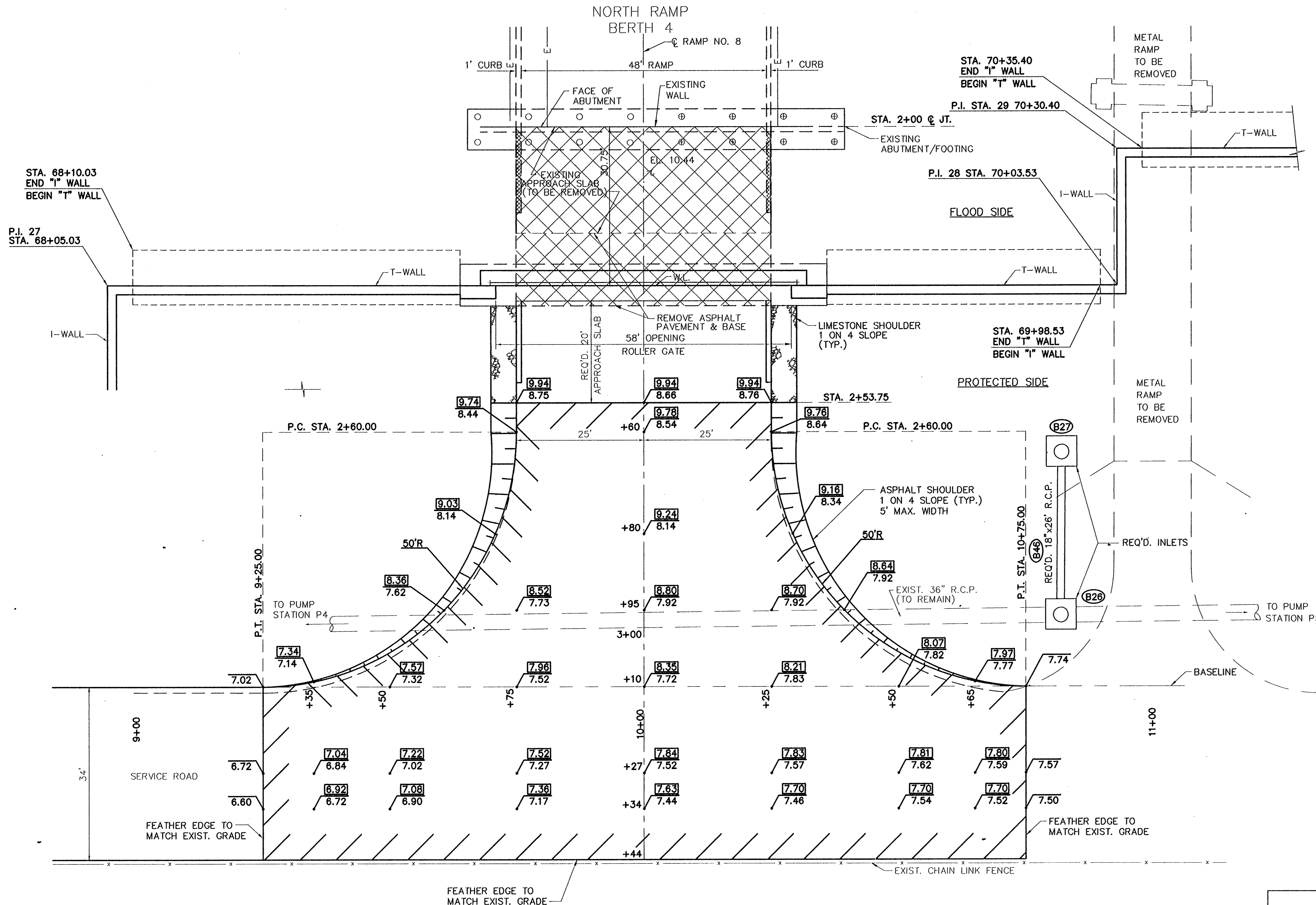
(HORZ.) SCALE: 1" = 5'
 (VERT.) SCALE: 1" = 5'

NOTE: PROFILE LOOKING SOUTH

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PROFILE - GATE NO. 8 RAMP	
DRAWN: L.P.C. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: B.S.G.	DATE: JAN. 14, 1998 DRAWN: L.P.C. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE: 1"=5' IDENTIFICATION NO. RAMP8PRO WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER DWG. NO. M11-7008-W58	

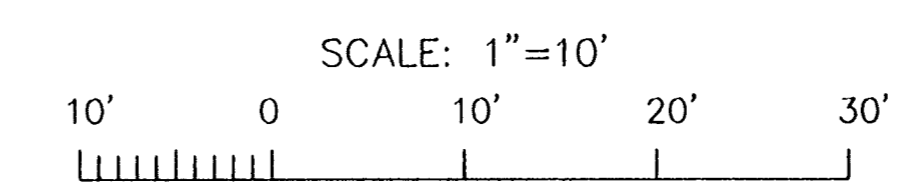
Jan. 12, 1998 - 16:13:01 P&P FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\RAMP8PRO [Logon: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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PLAN

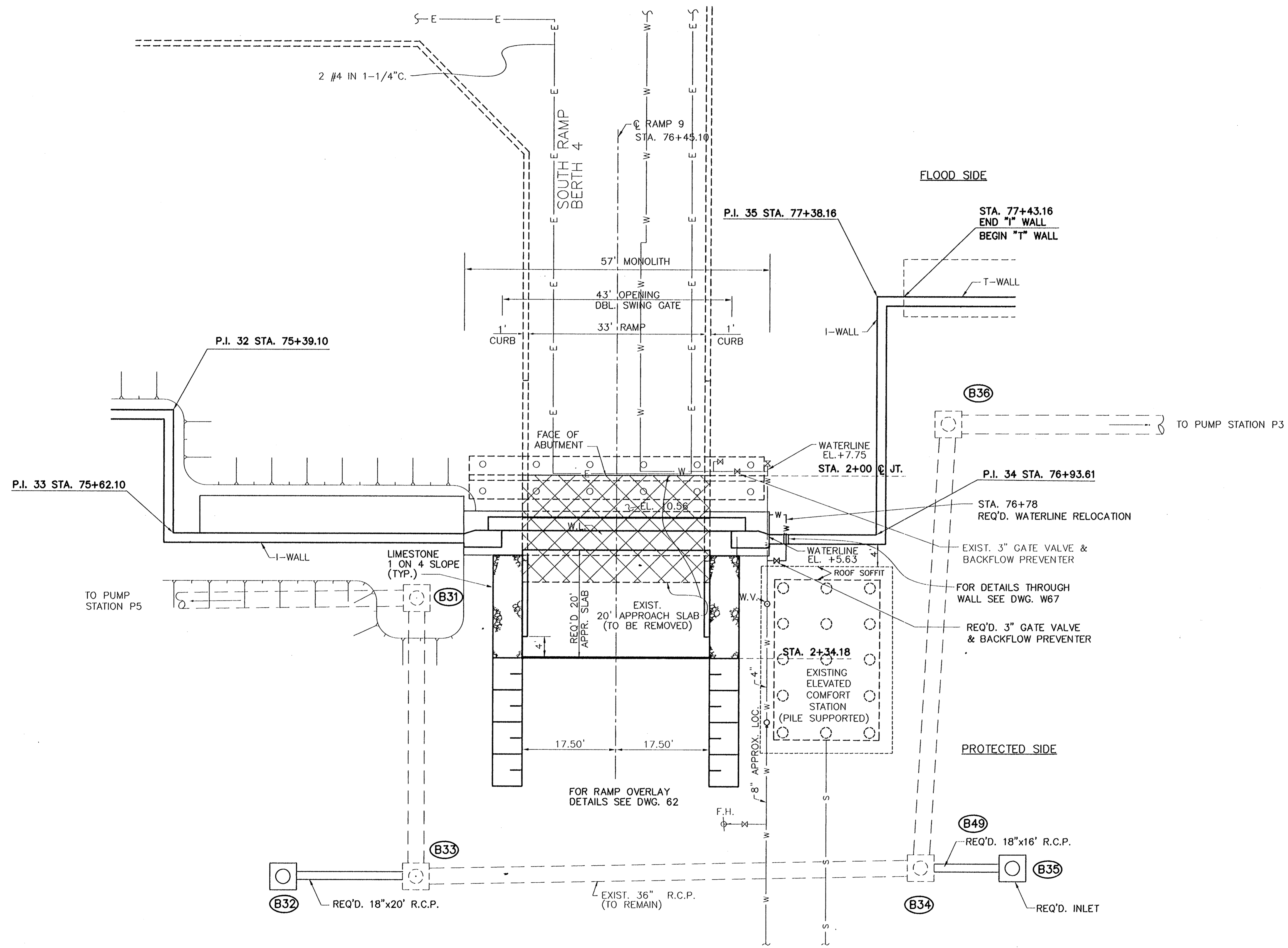
SCALE: 1"=10'



12. 1998 - 18:15:09 PLOT FILE: G:\CAD\Auto\1998-008\1998-008\1998-008.dwg [Login: Dave]

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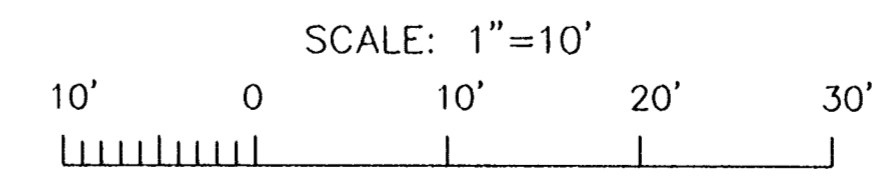
CONSULTING ENGINEERS PYBURN & ODUM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 TURNOUT DETAIL - GATE NO. 8 RAMP	
DRAWN L.P.C. DESIGNED J.N.S. CHECKED J.N.S. APPROVED B.S.G.		SCALE 1"=10' DATE JAN. 14, 1998 DESIGNED J.N.S. DRAWN L.P.C. CHECKED J.N.S. SUBMITTED R.S.G. RECOMMENDED PROJECT ENGINEER	
		IDENTIFICATION NO. R8TURN WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W59		REG000303	



UTILITY REFERENCE
 WATER: M11D-5740-W-M1
 ELECTRIC: M11D-5740-W-E2

NOTE: LOCATION OF UTILITIES AND RELATIVE ELEVATIONS AND DISTANCES SHOWN FROM REFERENCE DRAWINGS FOR INFORMATION ONLY.

PLAN
 SCALE: 1"=10'

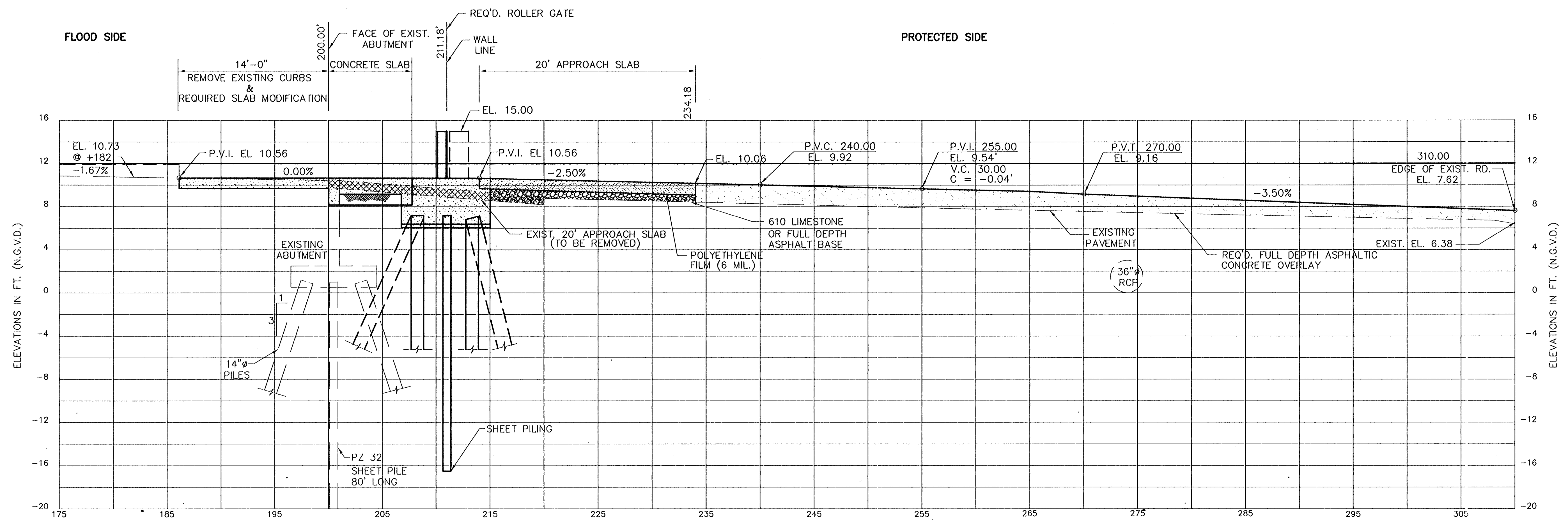


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 PLAN - GATE NO. 9	
DRAWN <u>L.P.C.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>R.S.G.</u> APPROVED <u>R.S.G.</u>		SCALE 1"=10' DATE <u>JAN. 14, 1998</u> DESIGNED <u>J.N.S.</u> DRAWN <u>L.P.C.</u> CHECKED <u>R.S.G.</u> SUBMITTED BY <u>R.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. RAMP9		APPROVED WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W60		REC0000033	

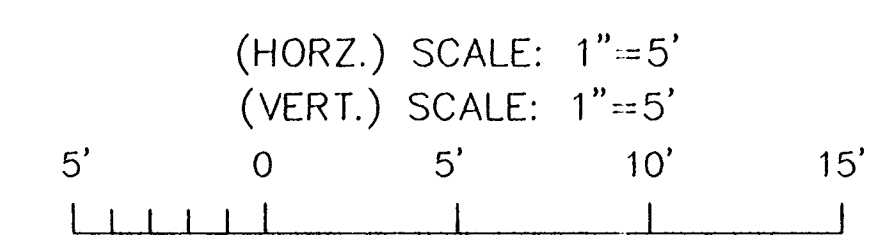
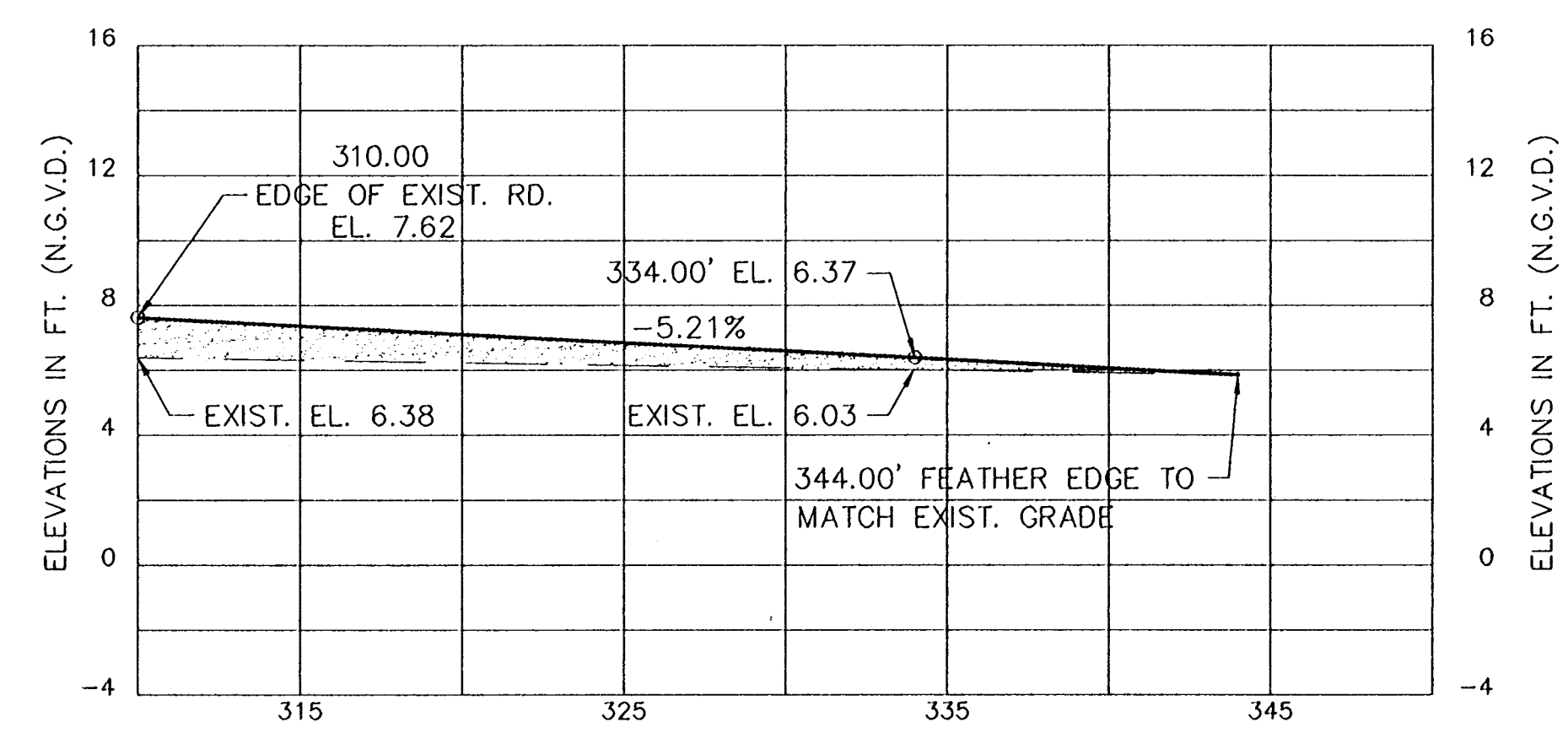
Jan 12, 1998 - 16:28:54 - P&O FILE: C:\CAD\ACAD\504-006\FRONT-303\CIVIL\RAMP9 [Login: Dave]

REV. 1	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	40



(DISTANCES MEASURED FROM EAST SIDE OF BERTH)



NOTE: PROFILE LOOKING SOUTH

PROFILE SOUTH RAMP - BERTH 4

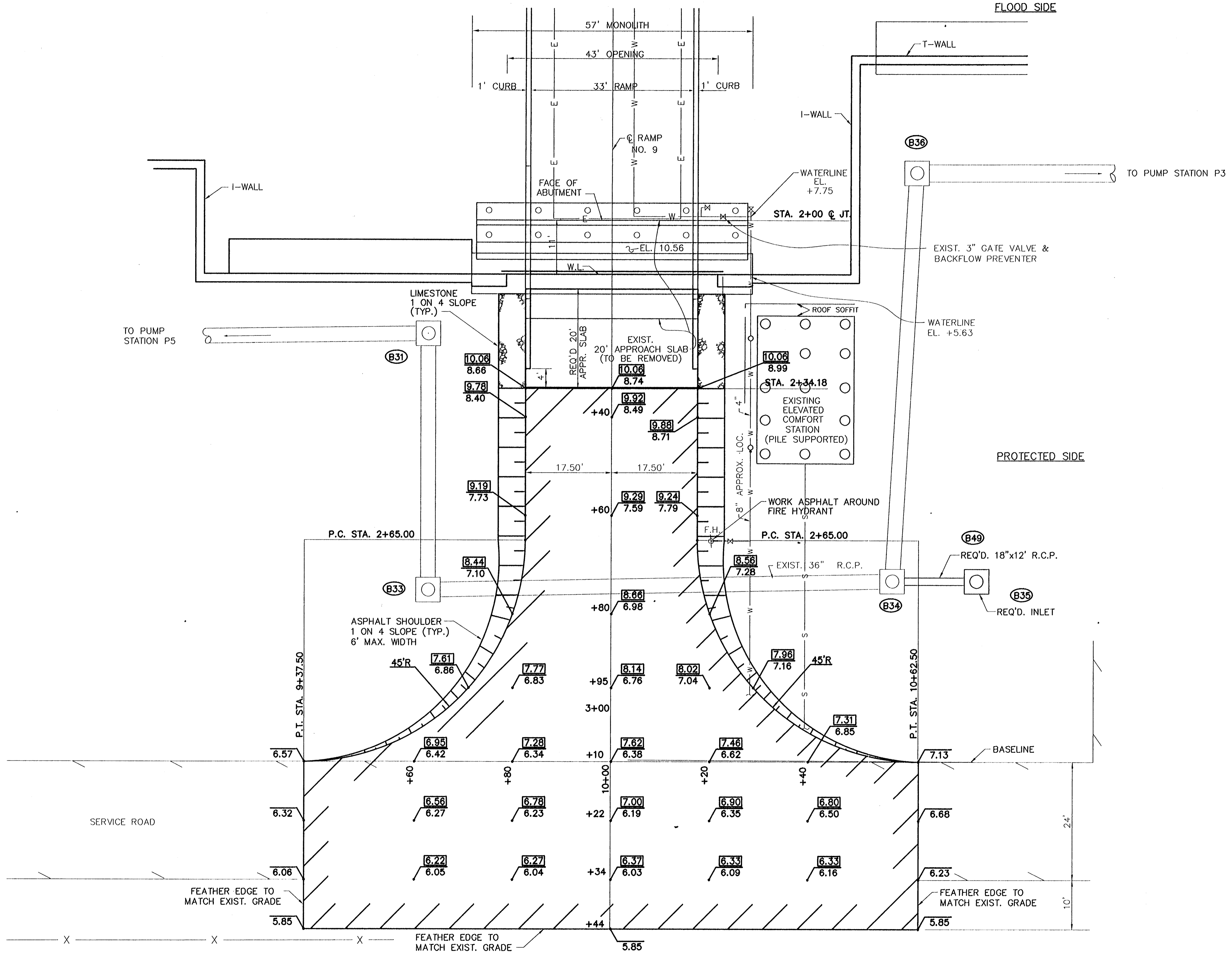
(HORIZ.) SCALE: 1"=5'
(VERT.) SCALE: 1"=5'

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 89+82.36 PROFILE -- GATE NO. 9 RAMP	
DRAWN L.P.C. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN L.P.C. SUBMITTED BY R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RAMP9PRO		SCALE 1"=5' DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	
		WILLIAM B. CORMARTE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W61		REG0000303	

Jan. 12, 1998 - 16:39:17 P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\RAMP9PRO [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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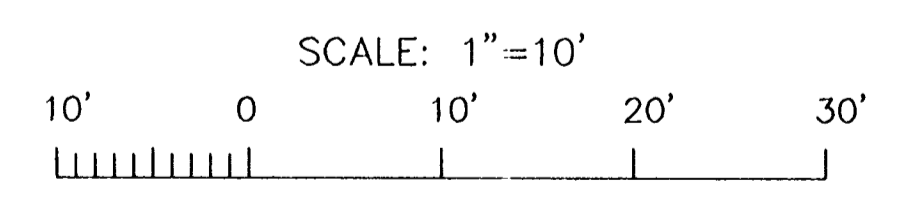
SOUTH RAMP
BERTH 4



UTILITY REFERENCE
 WATER: M11D-5740-W-M1
 ELECTRIC: M11D-5740-W-E2

NOTE: LOCATION OF UTILITIES AND RELATIVE ELEVATIONS AND DISTANCES SHOWN FROM REFERENCE DRAWINGS FOR INFORMATION ONLY.

- LEGEND:
- REQUIRED ASPHALT OVERLAY
 - 6.50 NEW ELEVATION
 - 6.14 EXISTING ELEVATION
 - EXISTING WATER LINE
 - EXISTING DRAINAGE LINE
 - EXISTING ELECTRICAL MANHOLE
 - EXISTING FIRE HYDRANT

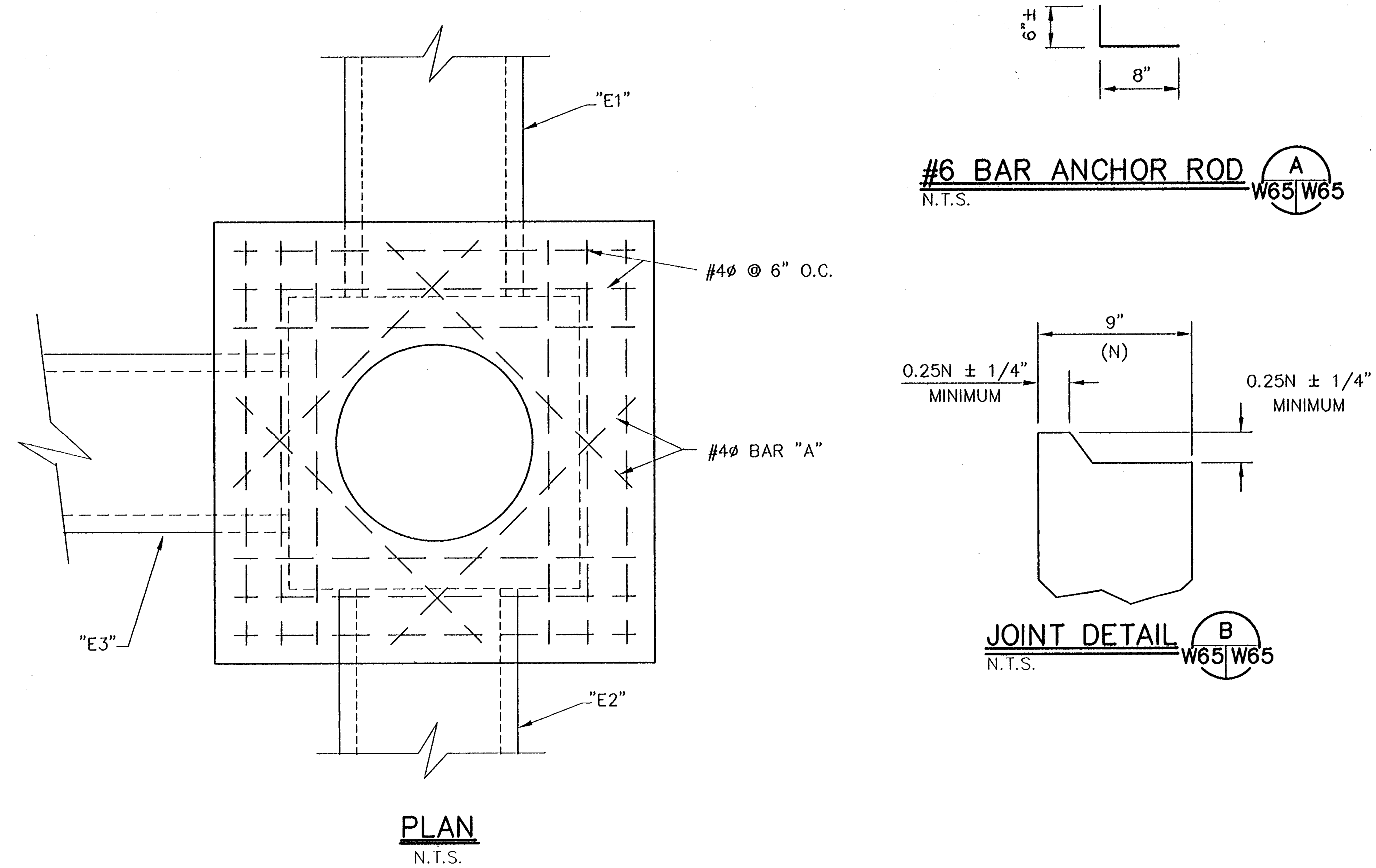


PLAN
SCALE: 1"=10'

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 TURNOUT DETAIL - GATE NO. 9 RAMP	
DRAWN <u>L.P.C.</u> CHECKED <u>J.N.S.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1998</u> DESIGNED <u>J.N.S.</u> DRAWN <u>L.P.C.</u> CHECKED <u>J.N.S.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
		IDENTIFICATION NO. RSTURN	
WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W62		REF0000303	

Jan 12, 1998 - 16:41:46 P&E FILE: G:\CAD\ACAD\504-008\PROJ-303\CIVIL\RTURN.dwg [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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UTILITY RELOCATION TABLE

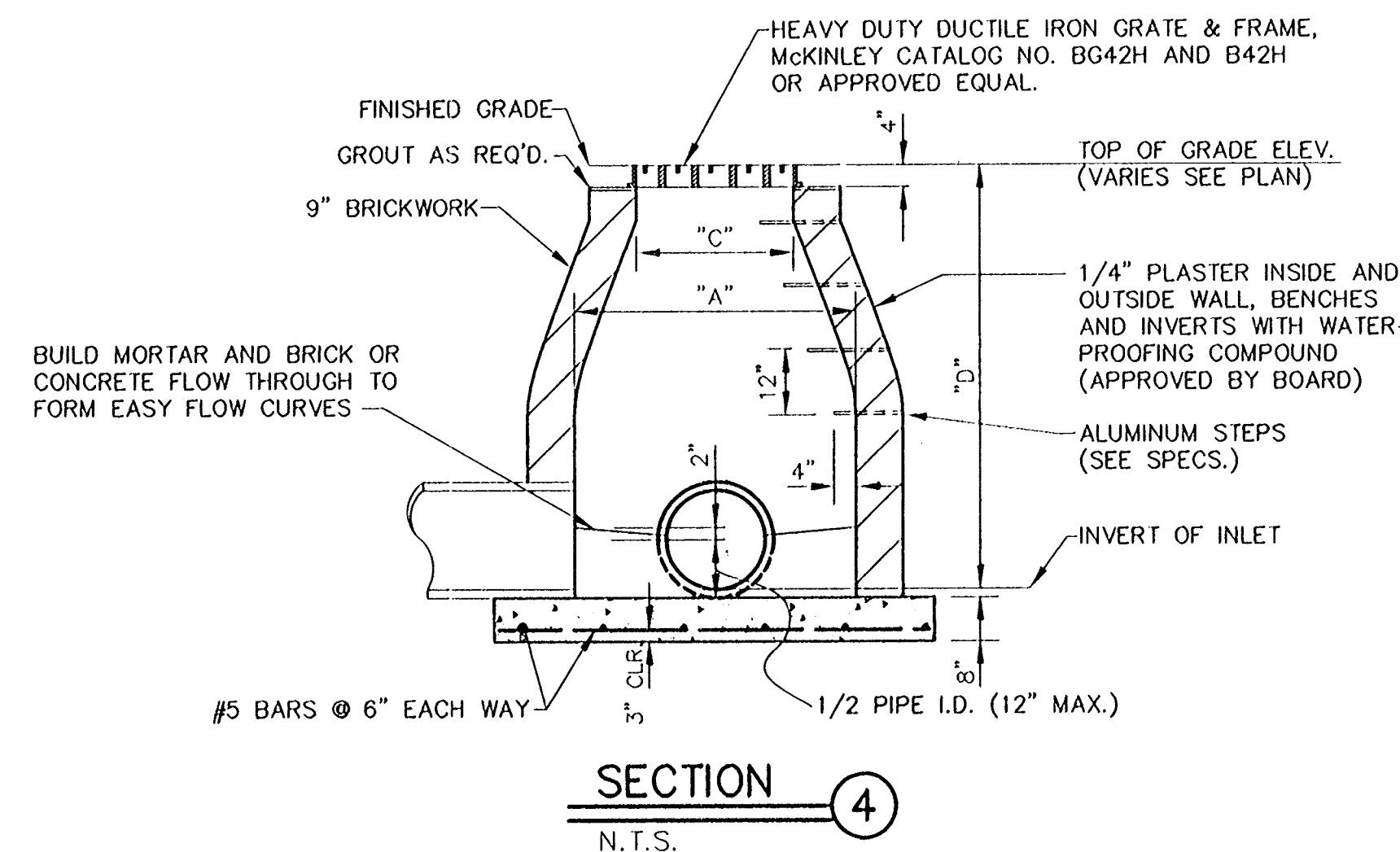
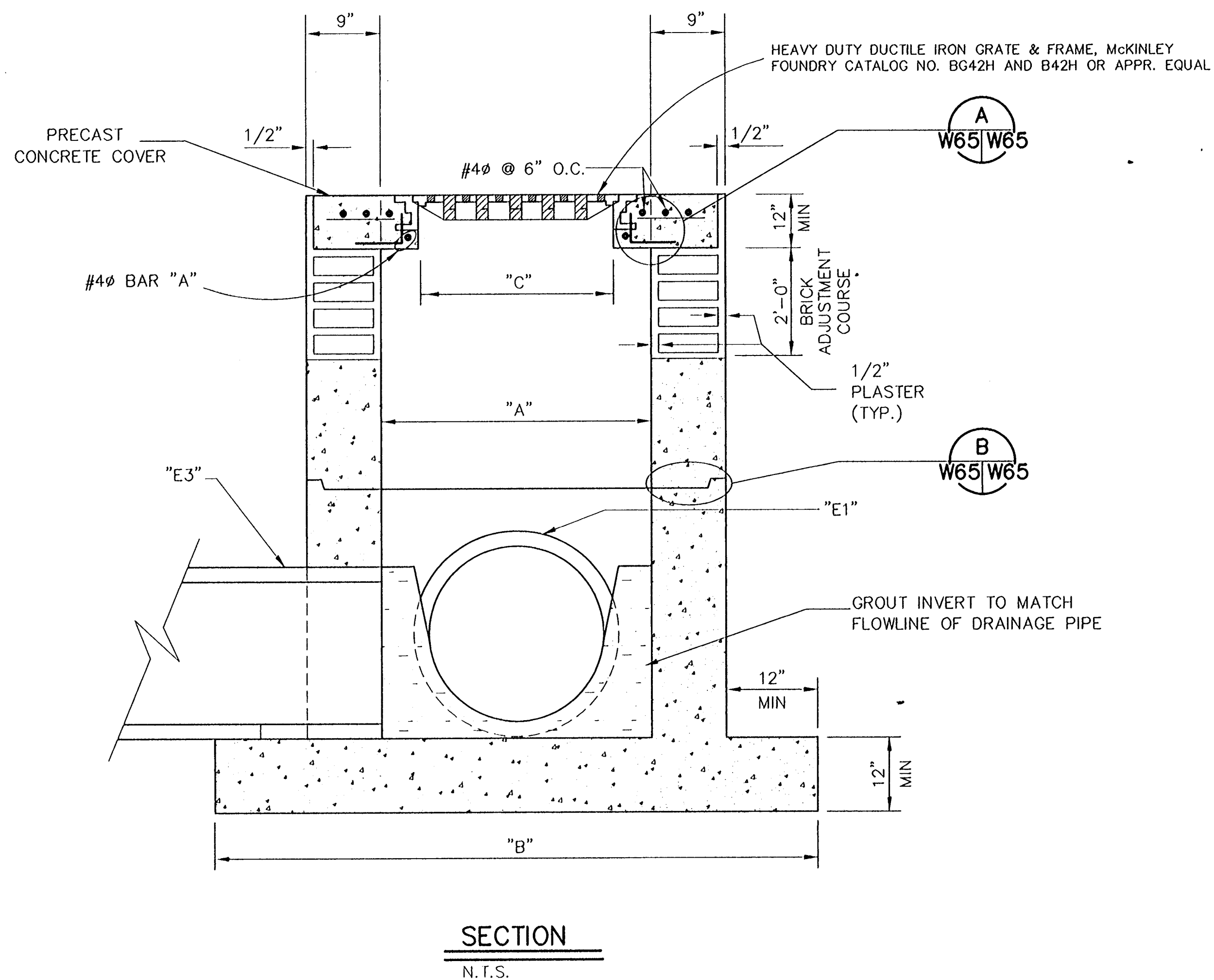
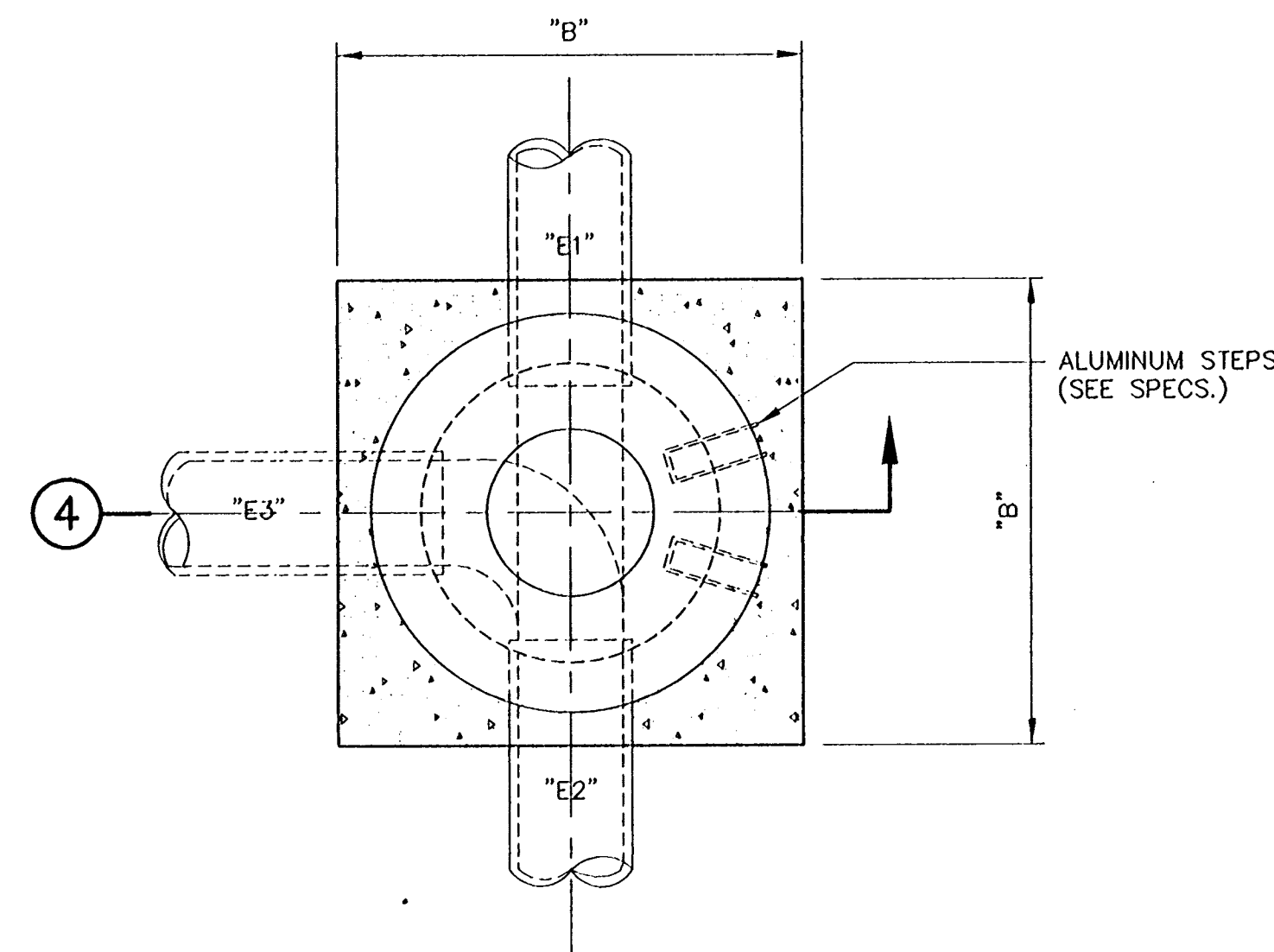
LOCATION	STATION	DESCRIPTION	COMMENTS
	1+03	2" WATER LINE	THROUGH SHEETPIILING
	3+27	6" SAN. SEWER F.M.	THROUGH SHEETPIILING
GATE 6	58+60	3" WATER LINE	THROUGH SHEETPIILING TO BACKFLOW PREVENTER
	58+64	4" SAN. SEWER	THROUGH CONC. I WALL AND CONNECT TO LINE ON FACE OF SOUTH RAMP BERTH 6.
	59+58	3" WATER LINE	THROUGH SHEETPIILING AND CONNECT TO LINE ON FACE OF NORTH RAMP BERTH 5
GATE 7	66+93	3" WATER LINE	THROUGH SHEETPIILING AND CONNECT TO COMFORT STATION
	67+04	8" SAN. SEWER	THROUGH SHEETPIILING AND CONNECT TO COMFORT STATION
GATE 9	76+78	3" WATER LINE	THROUGH SHEETPIILING AND CONNECT TO WATER LINE UNDER SOUTH RAMP BERTH 4

GRATE INLET DATA

DROP INLET NO.	"A"	"B"	"C"	"D"	"E1"	"E2"	"E3"
B 2	54"	84"	40"	3.50'	18"	-	-
B 5	54"	84"	40"	2.75'	18"	-	-
B 8	54"	84"	40"	2.75'	18"	-	-
B 10	54"	84"	40"	3.25'	18"	-	-
B 12	54"	84"	40"	2.50'	18"	-	-
B 15	54"	84"	40"	3.00'	36"	-	36"
B 18	54"	84"	40"	3.00'	36"	-	36"
B 19	54"	84"	40"	4.00'	36"	-	36"
B 20	72"	84"	40"	5.90'	36"	-	36"
B 21	72"	84"	40"	5.00'	36"	36"	36"
B 26	72"	84"	40"	FIELD SET	36"	36"	18"
B 27	72"	84"	40"	3.00'	18"	-	-
B 30	72"	84"	40"	2.00'	18"	-	-
B 32	72"	84"	40"	2.25'	18"	-	-
B 35	54"	84"	40"	3.75'	18"	-	-

* MEASURED TO BOTTOM OF GRATE INLET OR LOWEST PIPE INVERT, REFER TO THE PROJECT PROFILE FOR INVERTS OF OTHER PIPES IN EACH GRATE INLET.

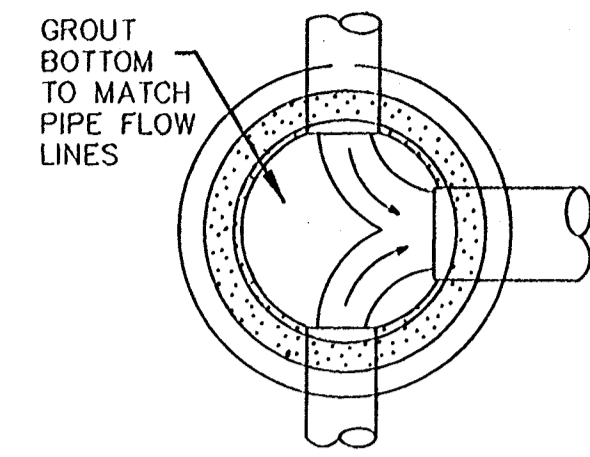
NOTE: ALL MANHOLES/GRATE INLETS SHALL BE CONSTRUCTED ON 2' OF BEDDING OVER FOUNDATION LUMBER, REFER TO THE SPECIFICATIONS. TO BE INCLUDED IN COST OF MANHOLE/GRATE INLET.



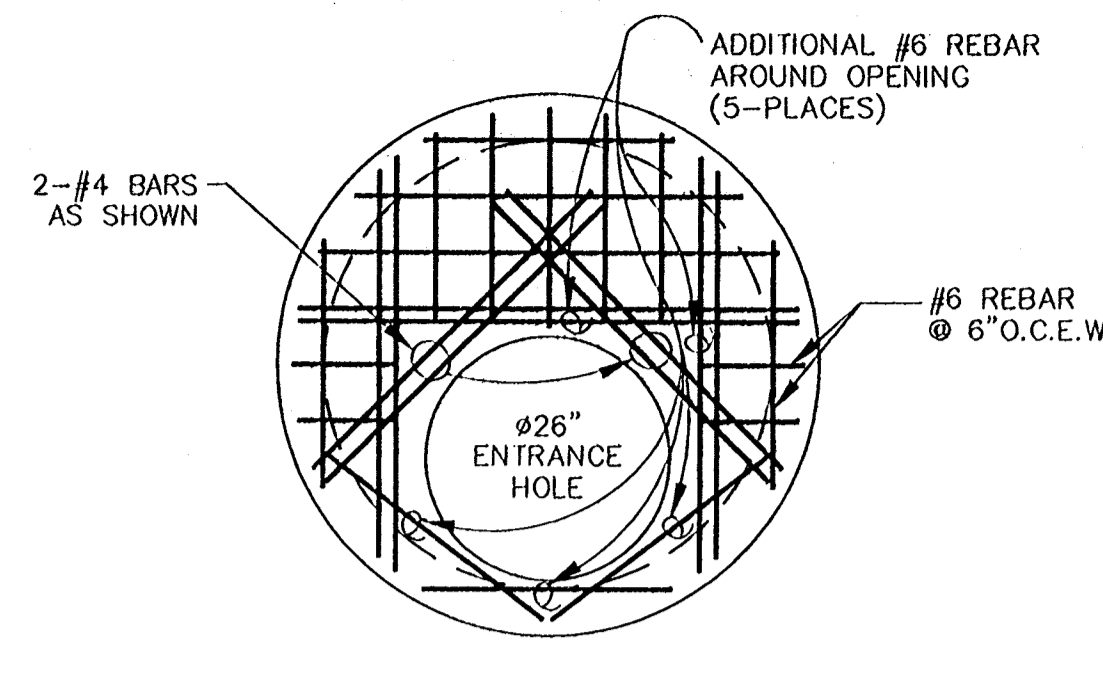
<p>CONSULTING ENGINEERS</p> <p>PYBURN & ODOM, INC.</p> <p>BATON ROUGE, LOUISIANA</p>		<p>BOARD OF COMMISSIONERS</p> <p>PORT OF NEW ORLEANS</p> <p>FRANCE ROAD TERMINAL</p> <p>FLOOD CONTROL IMPROVEMENTS</p> <p>TO TIDEWATER AREA FLOODWALL-SOUTH</p> <p>STA. 35+13.01 TO STA. 88+82.36</p> <p>SPECIAL DETAILS</p>	
<p>DESIGNED <u>J.N.S.</u></p> <p>CHECKED <u>R.S.G.</u></p> <p>APPROVED <u>R.S.G.</u></p>		<p>SCALE 1"=5'</p> <p>DATE <u>JAN. 14, 1998</u></p> <p>DESIGNED <u>J.N.S.</u></p> <p>DRAWN <u>J.M.R.</u></p> <p>CHECKED <u>R.S.G.</u></p> <p>SUBMITTED <u>R.S.G.</u></p> <p>PROJECT ENGINEER</p>	
<p>IDENTIFICATION NO.</p> <p>004-W23A</p>		<p>RECOMMENDED</p> <p>APPROVED</p>	
<p>WILLIAM B. CHAMARIE, P.E.</p> <p>PROJECT ENGINEERING MANAGER</p>		<p>KYLE C. JONES, P.E.</p> <p>DIRECTOR OF ENGINEERING</p>	
<p>DWG. NO. M11-7008-W65</p>		<p>REQ#000503</p>	

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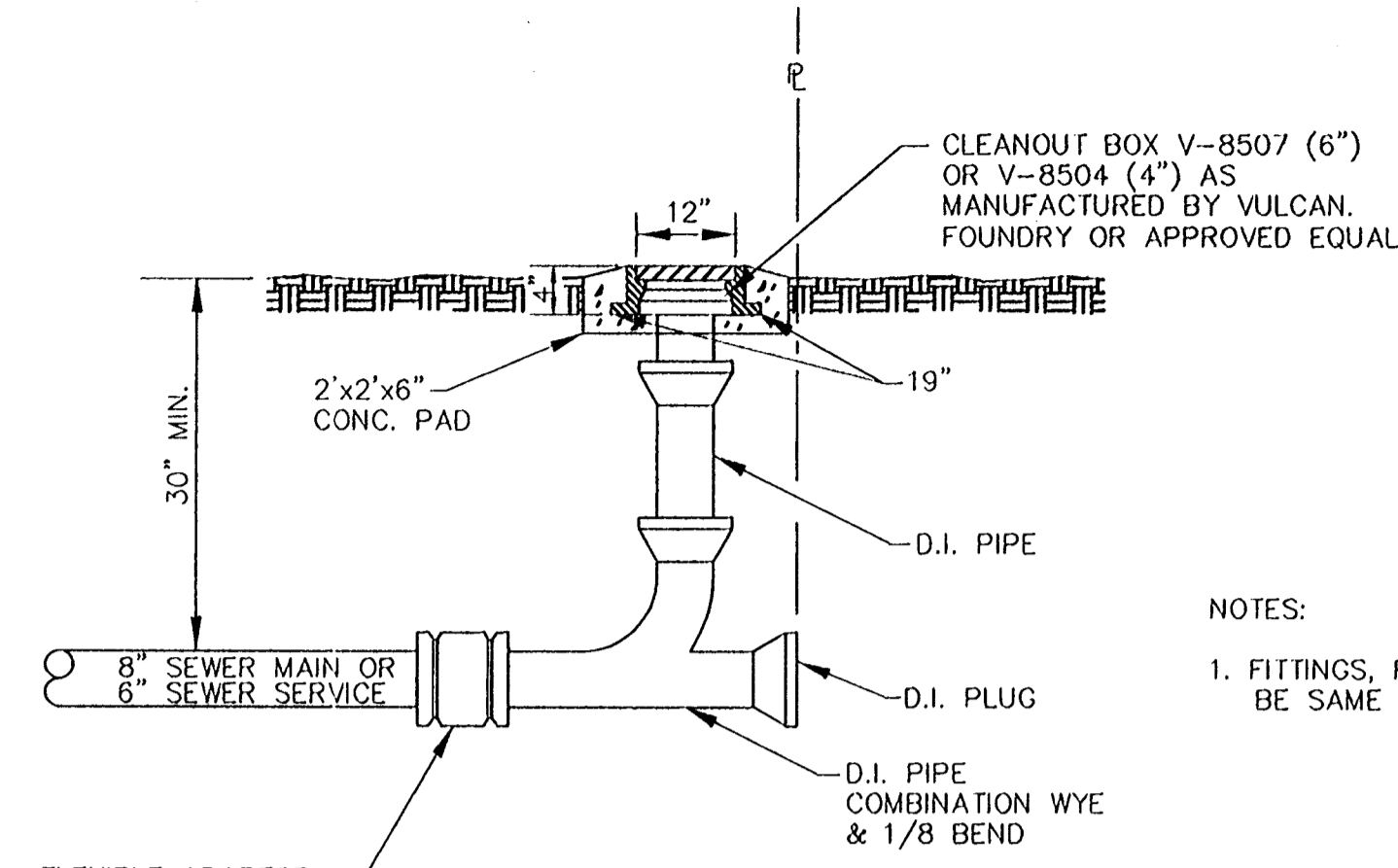
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TYPICAL FLOWLINE GROUT D-M19
W66/W66
N.T.S.



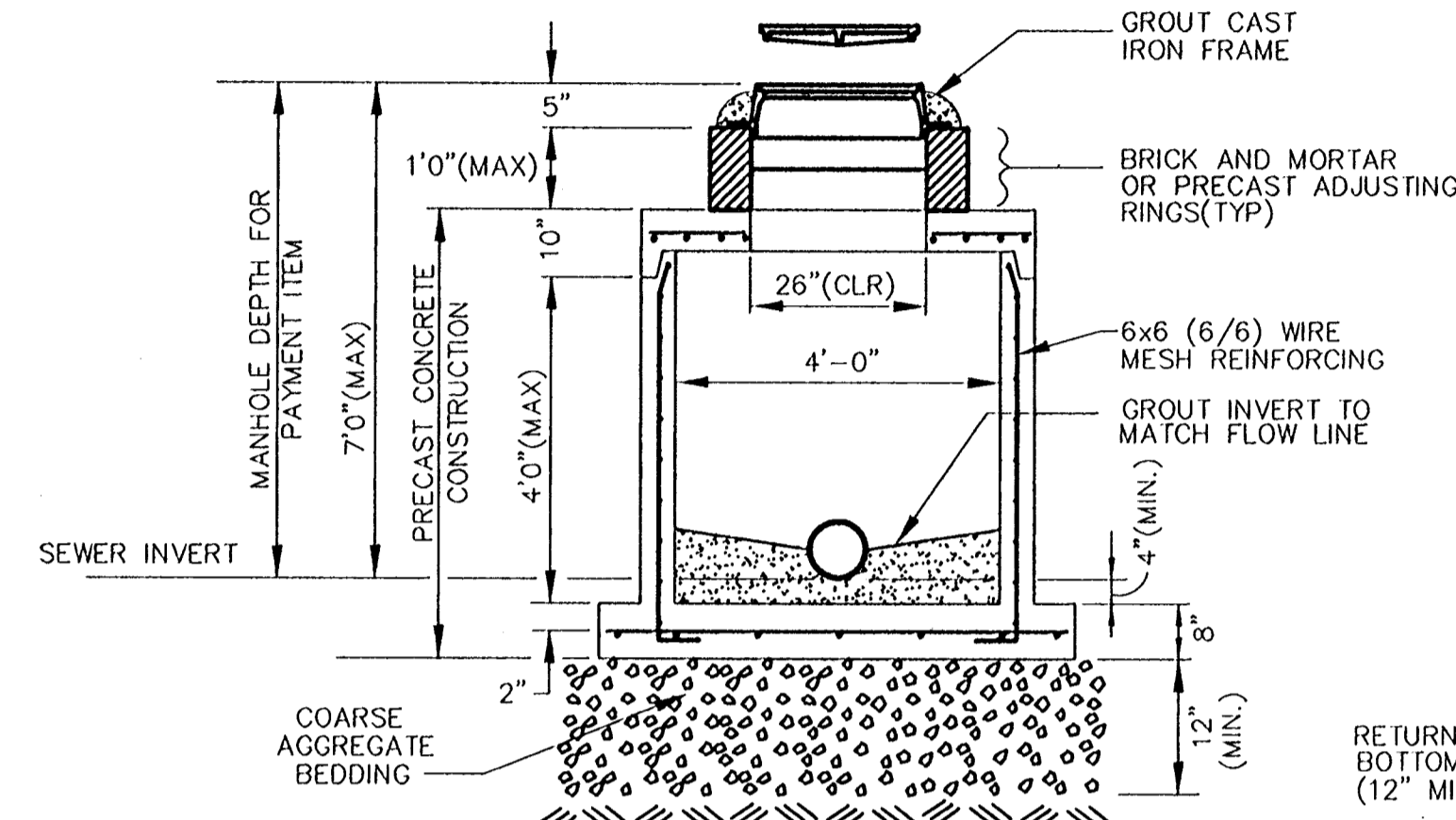
DETAIL MANHOLE TOP SECTION D-M20
W66/W66
N.T.S.



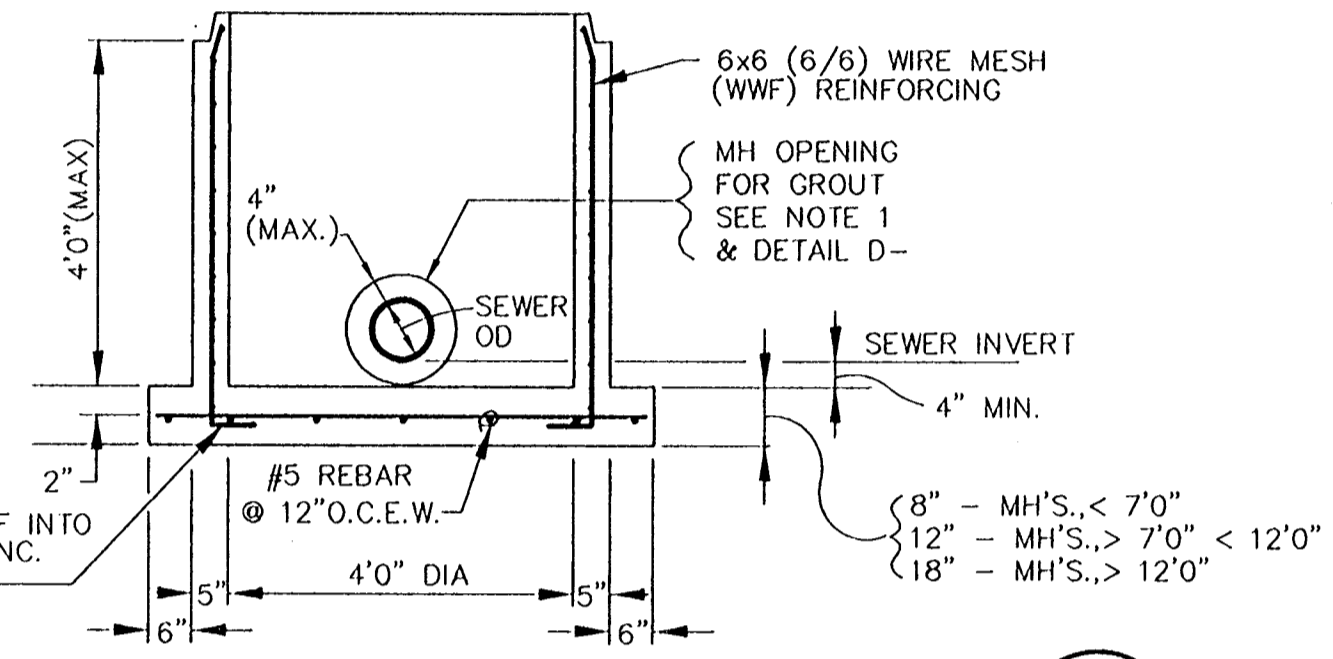
DETAIL D.I. CLEANOUT D-M24
W66/W66
N.T.S.

NOTES:
1. FITTINGS, RISER AND CLEANOUT SHALL BE SAME SIZE AS MAIN OR SERVICE.

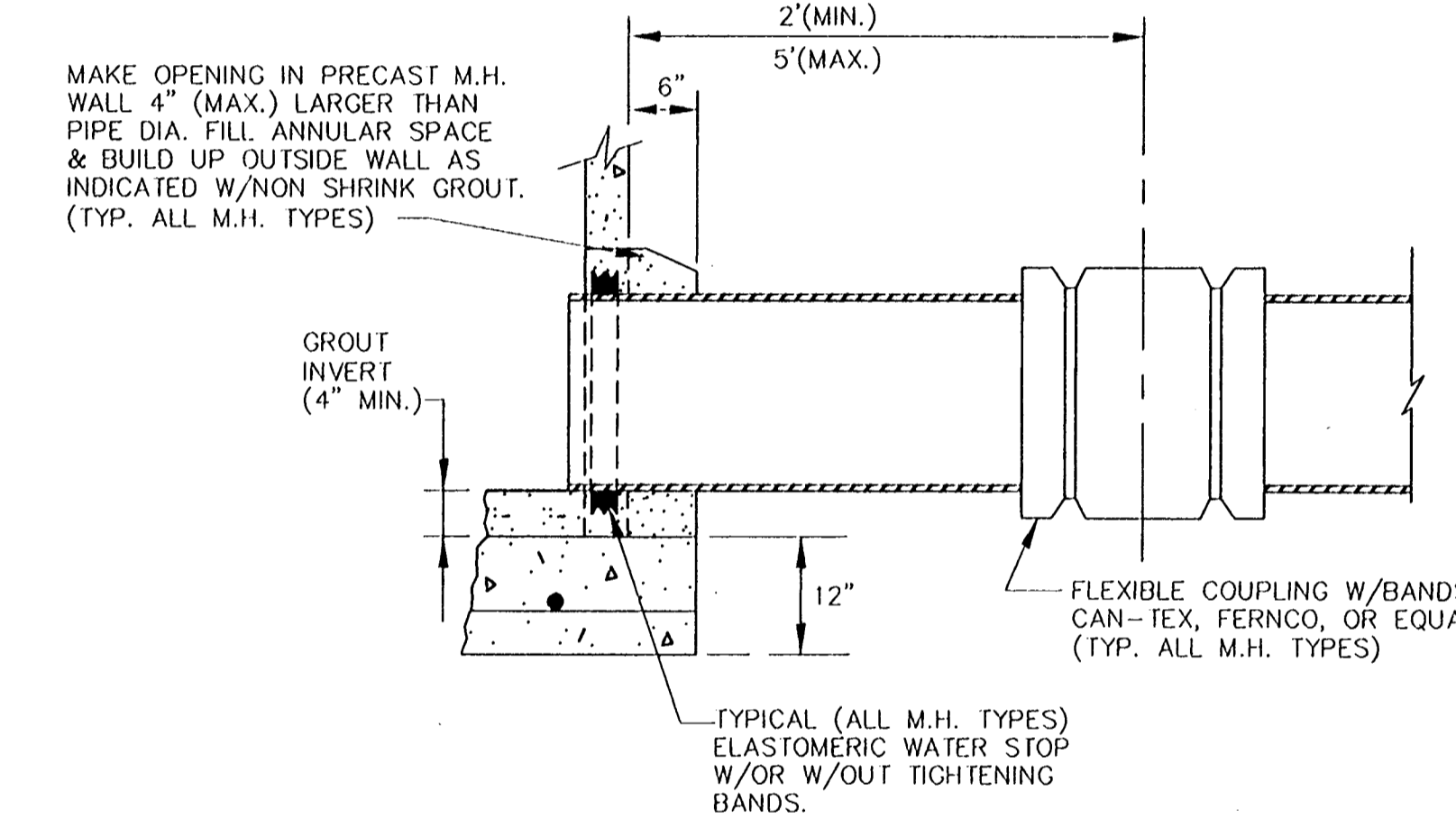
- NOTES:
1. FLEXIBLE MANHOLE BOOTS BY NPC SYSTEMS PRESS-SEAL GASKET CORP. OR APPROVED EQUAL MAY BE SUBSTITUTED FOR THE GROUTED MANHOLE CONNECTION.
 2. ALL JOINTS IN MANHOLES SHALL BE PLASTERED WITH 1/2" THK. NON-SHRINK GROUT INSIDE AND OUT.
 3. BOTTOM BARREL SECTION OF PRECAST MANHOLE (4' MAX.) SHALL BE CAST IN PRECAST CONCRETE BOTTOM.
 4. BOTTOM SECTION SHALL BE 12" ON MANHOLES 7'± TO 12'-0" DEPTH AND USE 18" SECTIONS ON MANHOLES GREATER THAN 12' IN DEPTH. DEPTHS BASED FROM TOP OF RIM TO INVERT OF LOWEST SEWER.



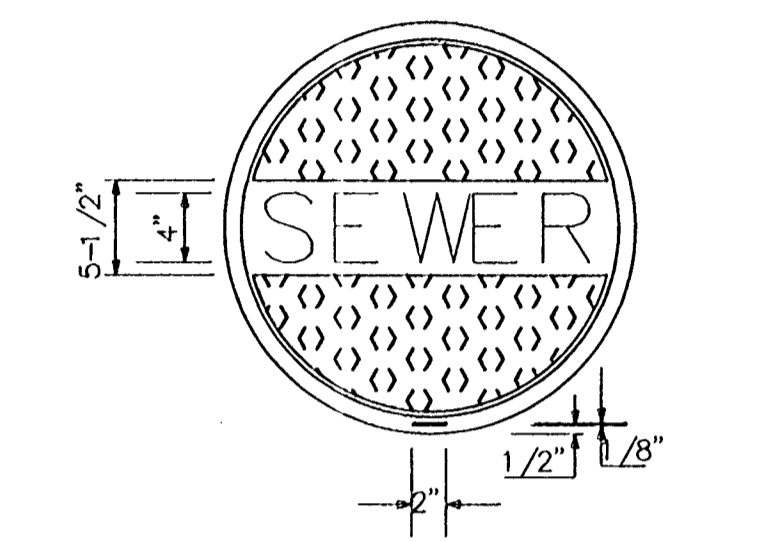
TYPICAL ELEV. OF SHALLOW MH OR JUNCTION BOX D-M17
W66/W66
N.T.S.



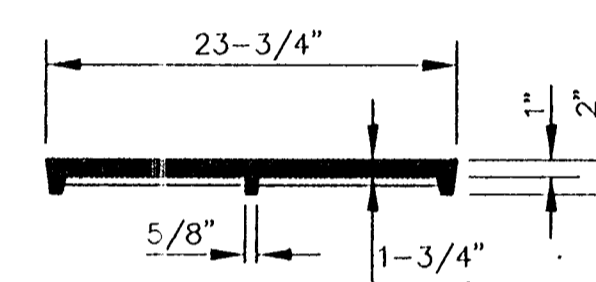
DETAIL MANHOLE BOTTOM SECTION D-M18
W66/W66
N.T.S.



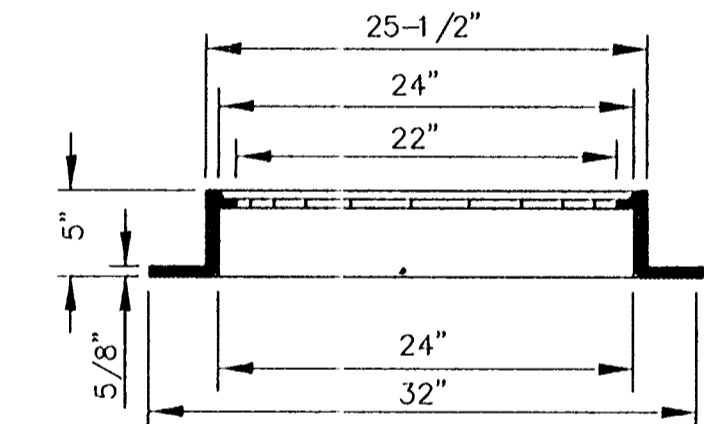
DETAIL - GROUTED MANHOLE CONNECTION D-M22
W66/W66
N.T.S.



PLAN MANHOLE COVER



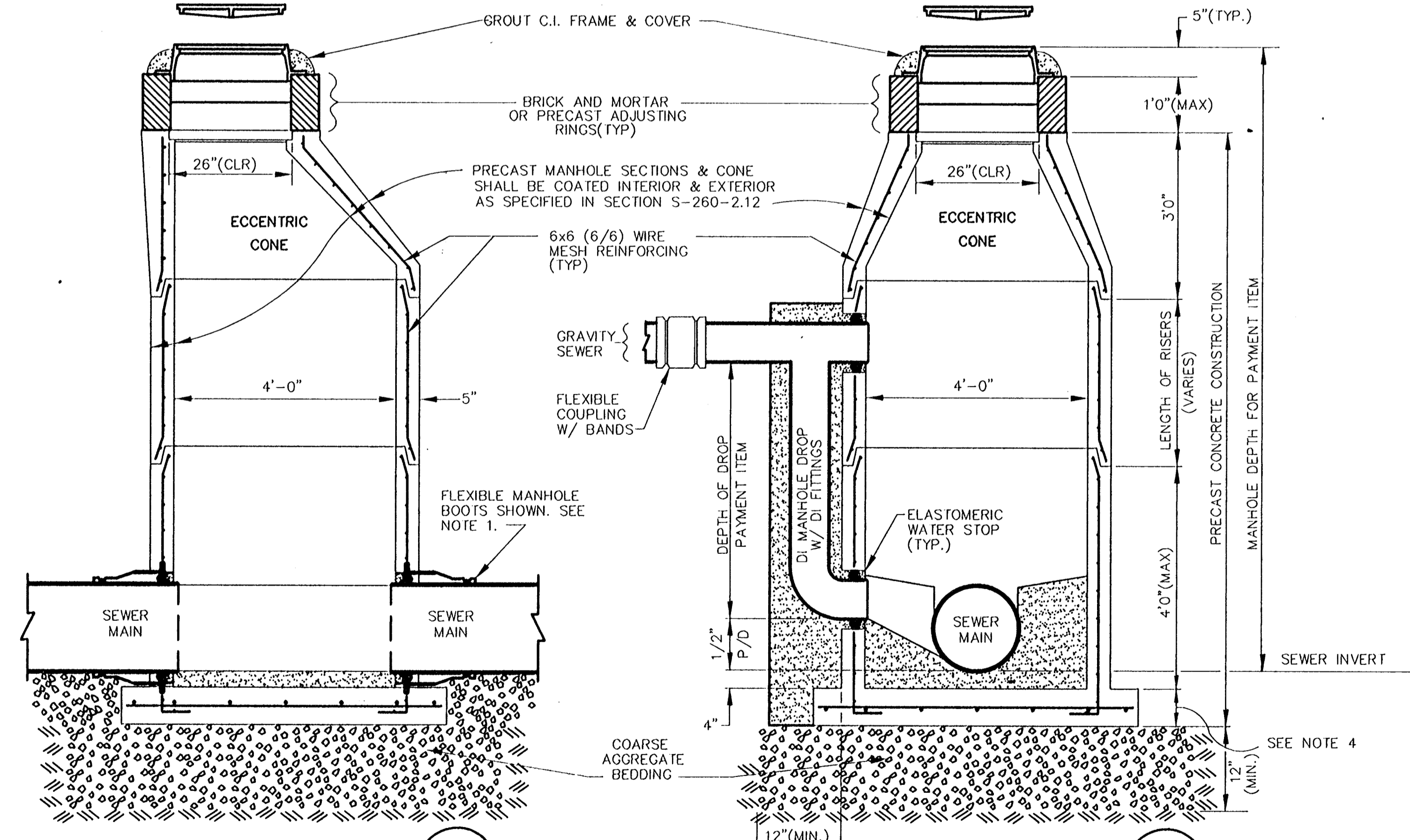
SECTION MANHOLE COVER



SECTION MANHOLE FRAME

DETAIL C.I. FRAME AND COVER DETAILS D-M23
W66/W66
N.T.S.

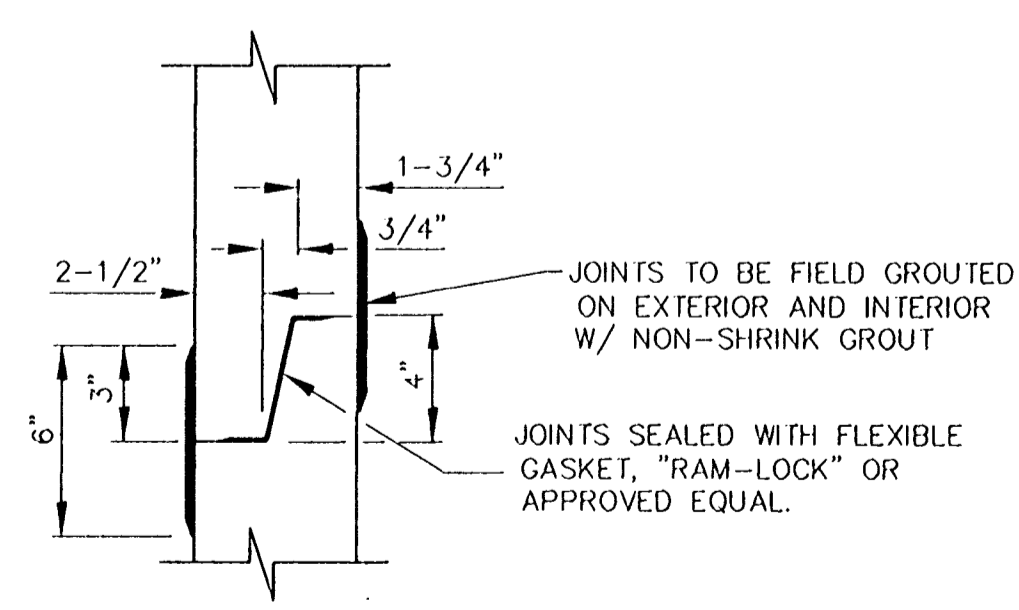
M.H. RINGS AND COVERS SHALL BE VULCAN FOUNDRY V.M.-17 OR NEENAH FOUNDRY R-1412-A OR APPROVED EQUAL. APPROXIMATE WEIGHT 250 LBS.



TYPICAL ELEVATION OF DEEP M.H. D-M15
W66/W66

TYPICAL ELEVATION OF DROP M.H. D-M15
W66/W66

STANDARD MANHOLE DETAILS D-M14
W66/W66
N.T.S.

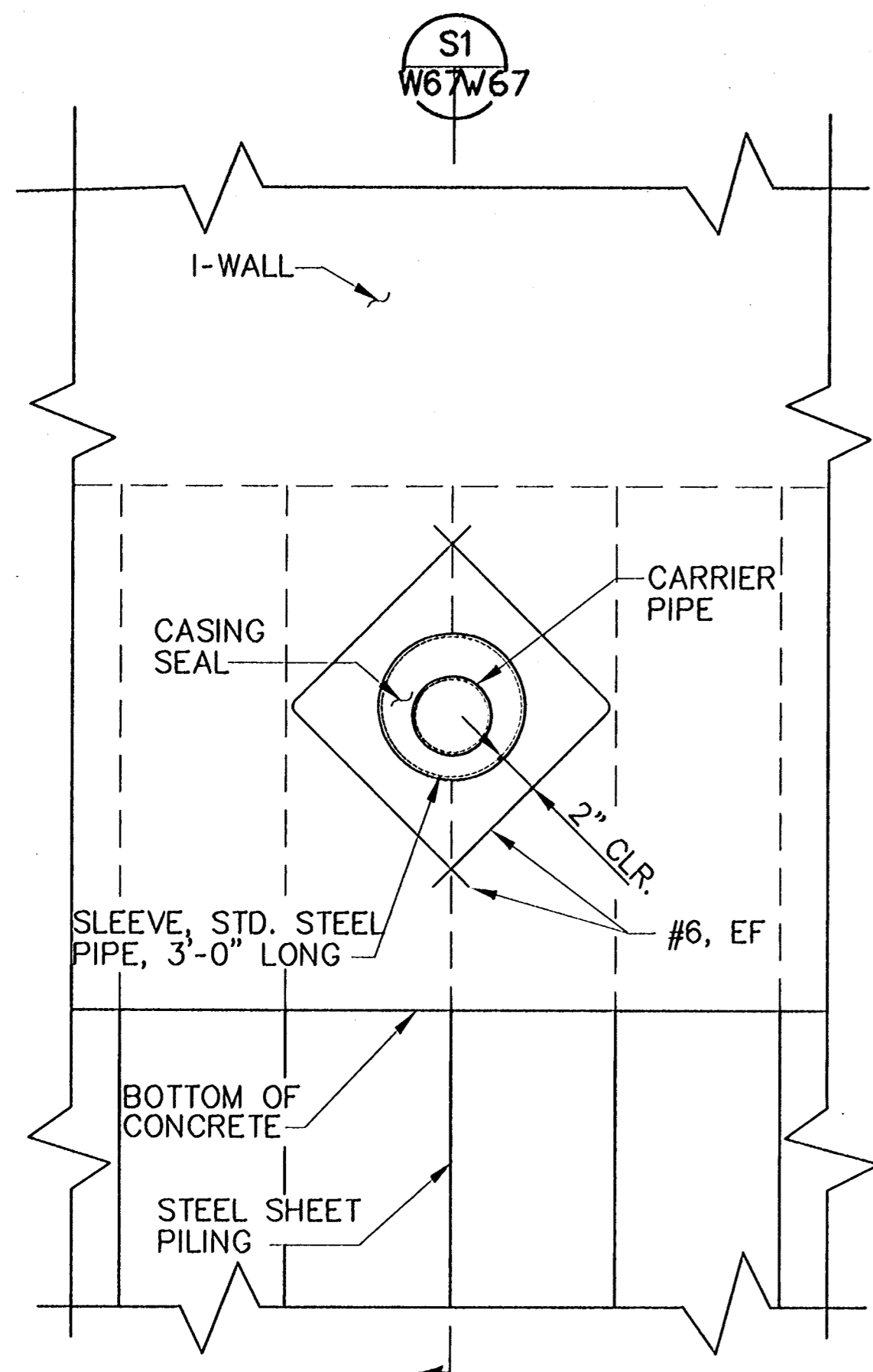


MANHOLE JOINT DETAIL D-M21
W66/W66
N.T.S.

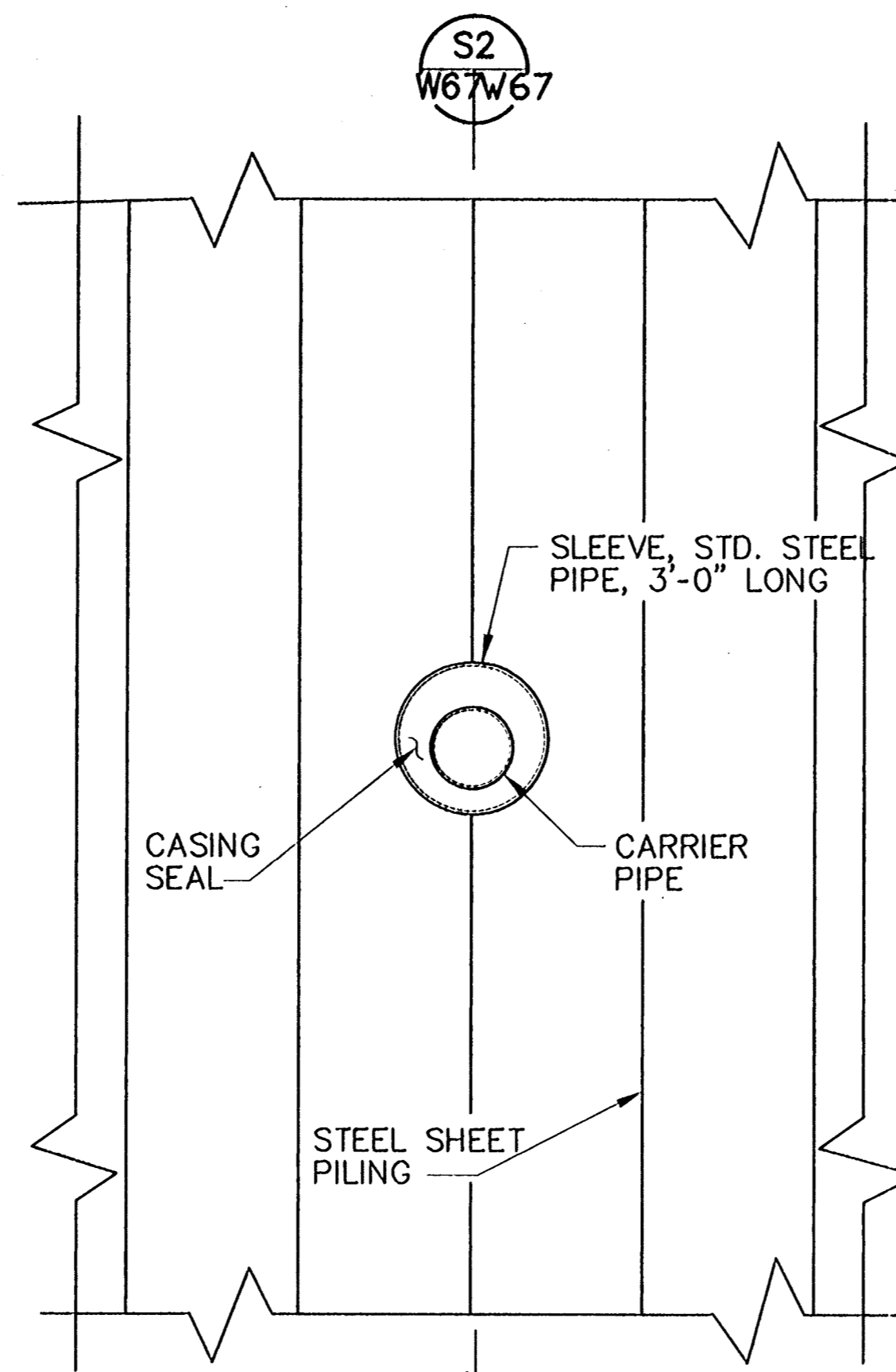
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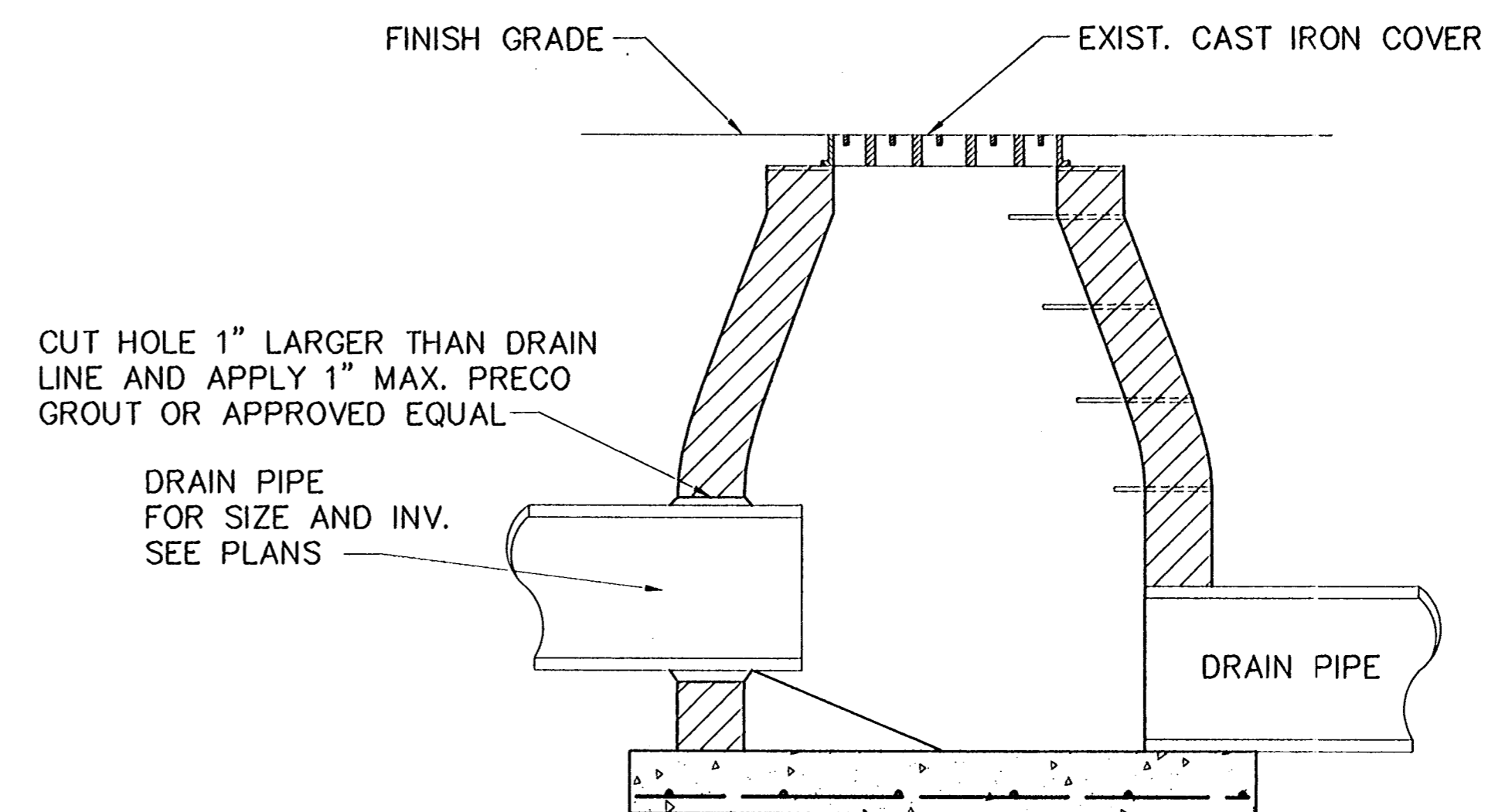
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 SPECIAL DETAILS	
DRAWN: G.G.M. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: D.S.G.	DATE: JAN. 14, 1998 DRAWN: G.G.M. SUBMITTED BY: R.S.G. PROJECT ENGINEER	SCALE: 1"=20' IDENTIFICATION NO. MECODET2	APPROVED: WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-W66		REG000303	



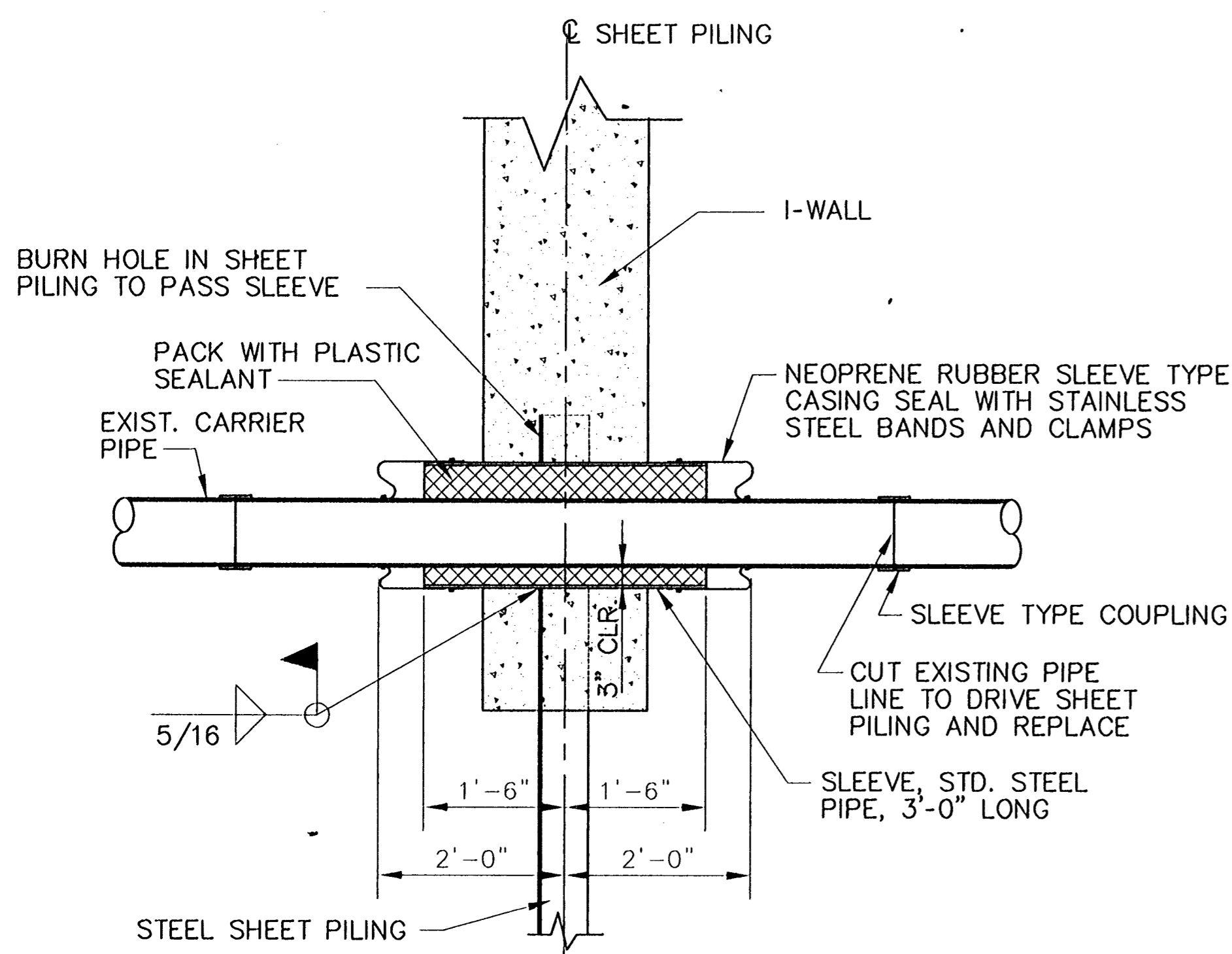
ELEVATION



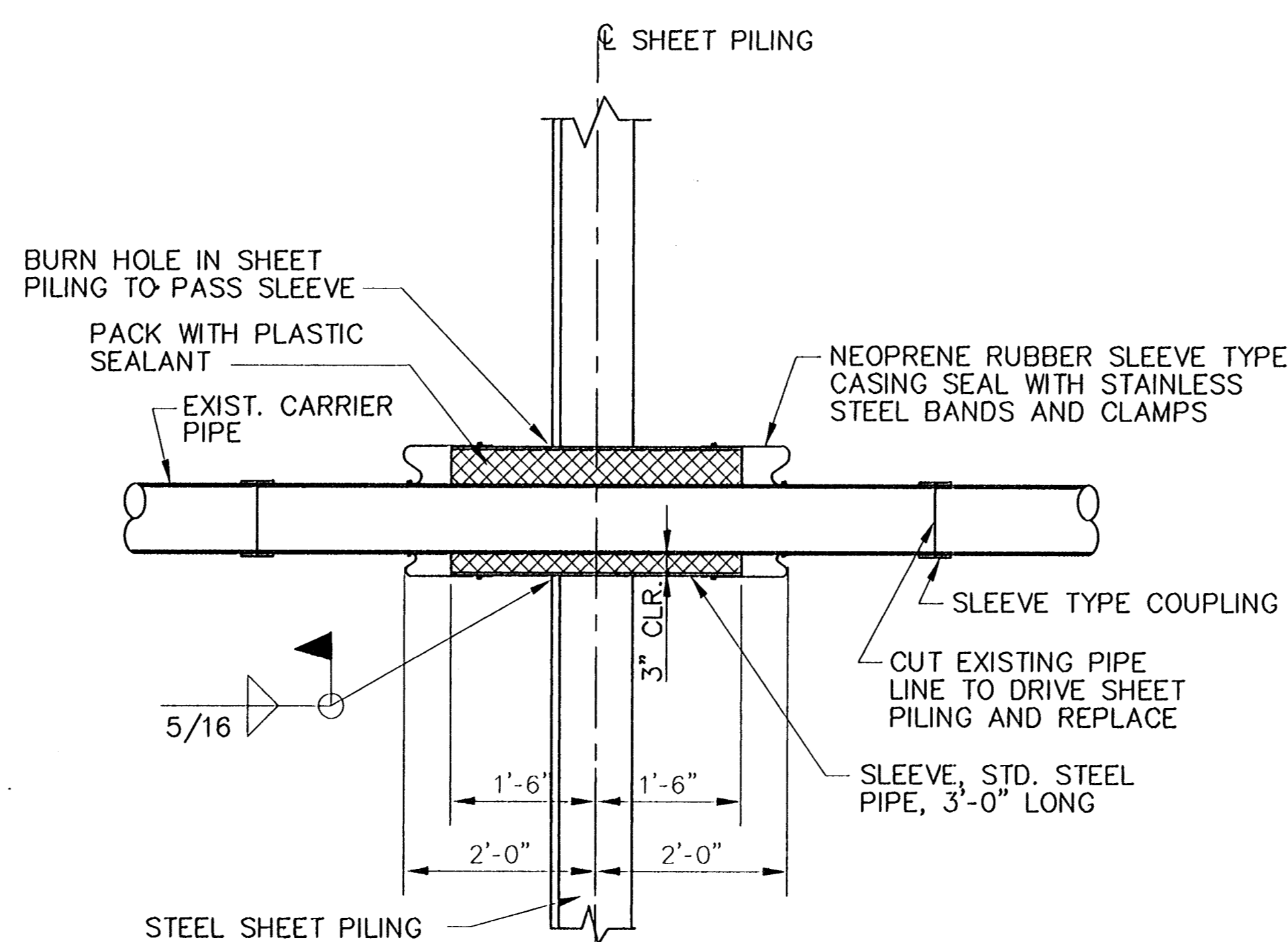
ELEVATION



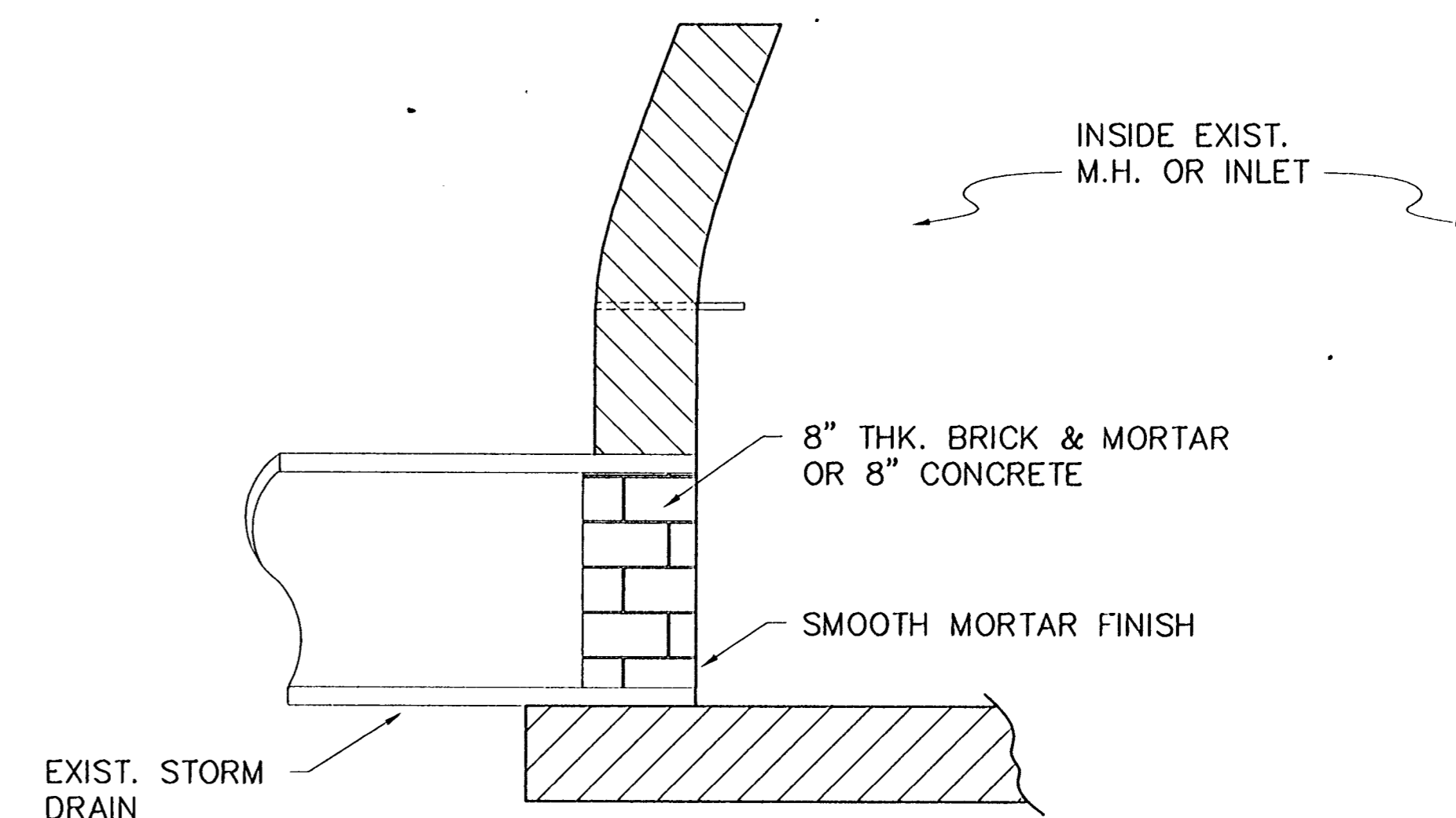
PIPE CONNECTION TO EXISTING MANHOLE
N.T.S



SECTION S1
TYPICAL PIPE THRU I-WALL
SCALE: 3/4"=1'-0"



SECTION S1
TYPICAL PIPE THROUGH STEEL SHEET PILING
SCALE: 3/4"=1'-0"



DETAIL
PIPE PLUG
N.T.S

Jan 13, 1998 - 07:27:36 P&G FILE: G:\CAD\A-CAD\504-006\PROJ-303\CIVIL\MCCODET1 [LogIn: Dowe]

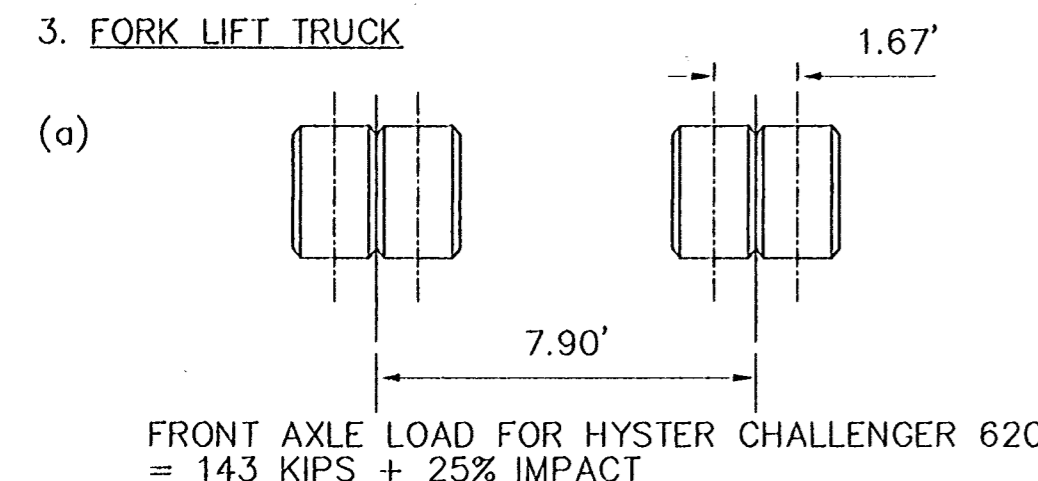
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 SPECIAL DETAILS	
DRAWN: G.G.M. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: G.G.M. SUBMITTED: R.S.G. PROJECT ENGINEER	
		IDENTIFICATION NO. MCCODET1	
WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W67		REQ000303	

LOADING:

1. LIVE LOAD

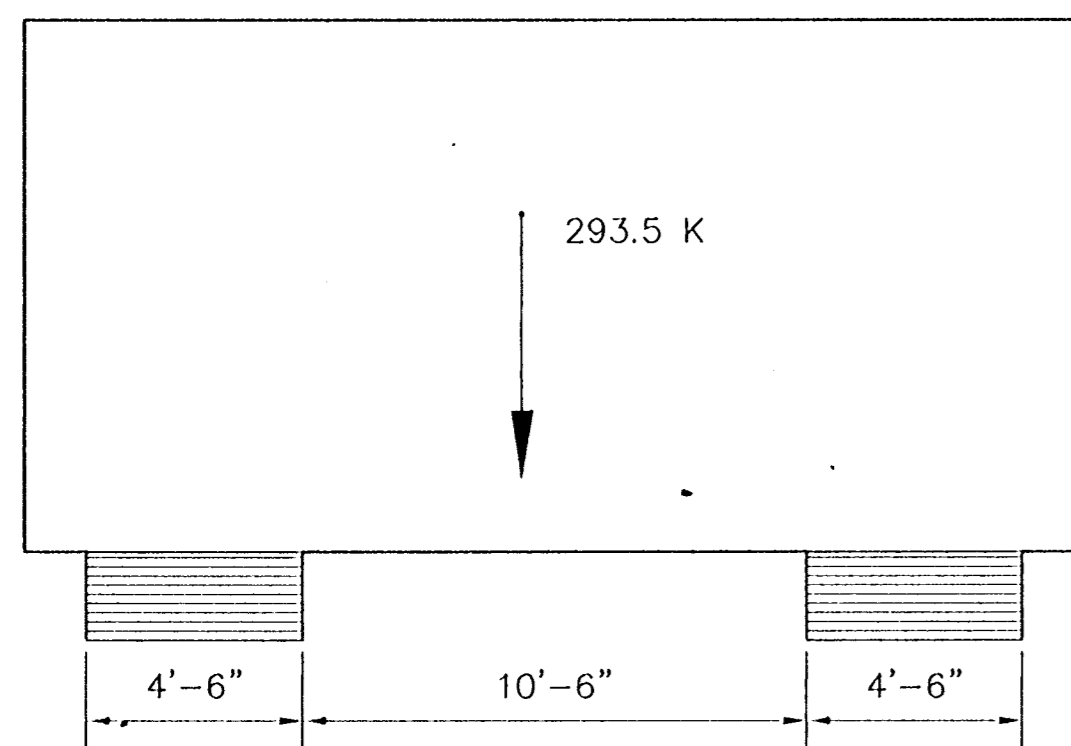
- BASIC UNIFORM LIVE LOAD = 850#/SQUARE FOOT
- TRUCK LOADING - HS20-16 LATEST AASHTO SPECIFICATIONS
- FORK LIFT TRUCK



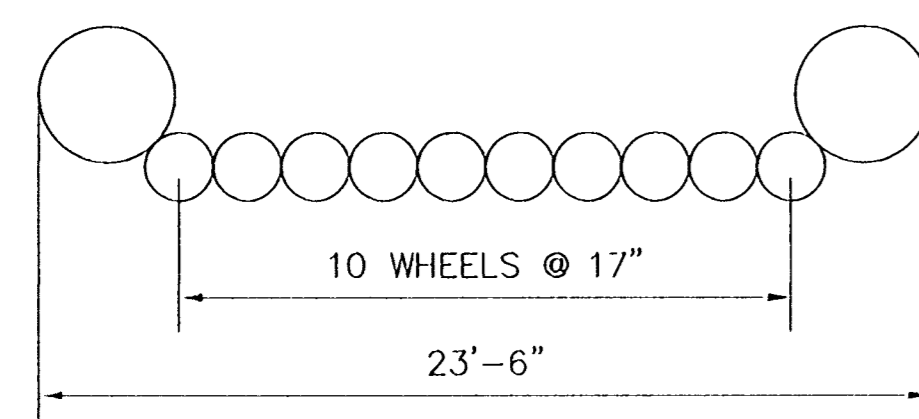
(b) DESIGN AXLE LOAD FOR KALMAN LMV FORK LIFT = 190 KIPS + 25% IMPACT. SINCE IT IS AN OCCASIONAL LOAD, ONLY 75% OF THIS LOAD SHALL BE CONSIDERED.

4. BUCYRES 88B CRANELOAD

TOTAL MACHINE WEIGHT = 293.5 K



TRACK DETAILS: 2 @ 23'-6" x 4'-6"



WHEEL DETAIL
SCALE: N.T.S.

5. WIND LOADS- 50 psf

STRUCTURAL NOTES:

- STRUCTURAL CONCRETE IN FLOODWALLS SHALL HAVE A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. STRUCTURAL CONCRETE IN GATE MONOLITHS & RAMPS SHALL HAVE A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
- CONSTRUCTION JOINTS SHALL BE PROVIDED WHERE SHOWN. WHERE NOT SHOWN, CONSTRUCTION JOINTS SHALL BE PLACED AT LOCATIONS LEAST LIKELY TO IMPAIR THE INTEGRITY OF THE CONCRETE STRUCTURE. CONSTRUCTION JOINT LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- UNLESS OTHERWISE NOTED, PROVIDE 3/4"-45° CHAMFER AT ALL EXPOSED JOINTS, EDGES, EXTERNAL CORNERS, AND VERTICAL EXPANSION JOINTS.
- STRUCTURAL BACKFILL SHALL NOT BE PLACED AROUND A STRUCTURE UNTIL THE EMBEDDED PORTION OF THE STRUCTURE HAS DEVELOPED FULL STRENGTH IN COMPRESSION.
- STABILIZATION SLAB CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (F'c) OF 3000 PSI AT 28 DAYS, 90 DAYS IF POZZOLAN IS USED.
- ALL REINFORCING STEEL SHALL BE GRADE 60 BILLET STEEL WITH fy=60,000 PSI. ALL REINFORCEMENT SPACING SHALL BE CENTER-TO-CENTER OF BARS UNLESS NOTED OTHERWISE. SPlicing OF REINFORCEMENT SHALL BE GOVERNED BY ACI-318-95.
- REINFORCING BAR DESIGNATION NUMBERS CONFORM TO THE NUMBERING SYSTEM OF THE CONCRETE REINFORCING STEEL INSTITUTE.
- CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE: 1-WALL-3"; T-WALL - 3"; GATE MONOLITH-3"; BEAMS-2"; RAMP SLAB - 2" (TOP) & 1" (BOTTOM); BASE SLAB - 4" (TOP) AND 2" (BOTTOM); SHEET PILE CAPS & STRUTS - 2".
- THE EMBEDMENT AND SPLICE TABLE SHALL BE USED IN DETERMINING LAP SPLICES AND EMBEDMENT LENGTHS WHERE LENGTHS ARE NOT OTHERWISE INDICATED. SPLICE LENGTHS SHALL BE BASED ON THE SMALLER BAR BEING LAPPED. THE CONTRACTOR WILL BE ALLOWED TO MAKE SPLICES IN ADDITION TO THOSE INDICATED IN THE DRAWINGS, WHERE ESSENTIAL TO CONSTRUCTION, SUBJECT TO APPROVAL BY THE CONTRACTING OFFICER. SPLICES OTHER THAN THOSE SHOWN ON THE DRAWINGS AND OTHER THAN ANY ADDITIONAL SPLICES REQUIRED BY THE CONTRACTING OFFICER WILL BE AT THE CONTRACTOR'S EXPENSE.
- REINFORCING BARS SHALL BE CONTINUOUS AT ALL CORNERS UNLESS OTHERWISE NOTED.
- ALL BENDS OF REINFORCEMENT AND ALL BAR SPACERS AND SUPPORTS SHALL BE IN ACCORDANCE WITH SP-66, AMERICAN CONCRETE INSTITUTE DETAILING MANUAL - 1994.
- REINFORCING BARS SHALL BE SPACED TO CLEAR RECESSES FOR GATE LATCHES AND HINGES.
- REINFORCEMENT, WHERE NECESSARY TO AVOID OPENINGS, PIPES, EMBEDDED ITEMS AND OTHER OBSTRUCTIONS, SHALL BE BENT OR SHIFTED AS DIRECTED BY THE ENGINEER.
- PILES: ALL CONCRETE PILES SHALL BE 14" SQ. PRECAST, PRESTRESSED CONCRETE PILES.
- ALL SHEET PILES SHALL BE AS GIVEN IN THE SPECIFICATIONS. HANDLING HOLES IN SHEETPILES SHALL HAVE A DIAMETER NO GREATER THAN 2" AND SHALL NOT BE PLACED MORE THAN 4" BELOW TOP OF SHEET PILE. CONCRETE PILES SHALL BE DRIVEN BEFORE STEEL SHEETPILES ARE DRIVEN.
- ALL STRUCTURAL STEEL SHALL BE ASTM A36, UNLESS OTHERWISE NOTED.
- ALL WELDS SHALL BE E-70XX GRADE WELDS UNLESS NOTED OTHERWISE. ALL WELDING SHALL BE ELECTRIC WELDING. WORKMANSHIP AND TECHNIQUE SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE.
- WELDING SYMBOLS SHOWN ARE THOSE ADOPTED BY THE AMERICAN WELDING SOCIETY AND INDICATE ONLY SIZE AND TYPE OF WELDS REQUIRED. DETAILED INFORMATION SHALL BE SHOWN ON THE SHOP DRAWINGS AND SUBMITTED BY THE CONTRACTOR FOR APPROVAL.
- DIMENSIONS SHOWN OR CALLED FOR ARE THE FINAL DIMENSIONS; ALLOWANCES MUST BE MADE FOR MACHINING.
- TO PREVENT CORROSION BY MOISTURE BETWEEN STEEL SURFACES IN CONTACT, ALL SUCH CONTACTS SHALL BE SEALED WATERTIGHT BY RUNNING A CONTINUOUS 1/8" FILLET WELD ALONG ALL EDGES OF CONTACT, UNLESS OTHERWISE NOTED.
- ALL BOLTS SHALL BE GALVANIZED ASTM A325 GRADE STEEL BOLTS UNLESS NOTED OTHERWISE. ALL ANCHOR BOLTS SHALL BE ASTM A307 GRADE GALVANIZED STEEL BOLTS UNLESS NOTED OTHERWISE. ALL BOLT SPACINGS SHALL BE CENTER-TO-CENTER OF BOLTS.
- ITEMS MARKED C.R.S. SHALL BE CORROSION RESISTANT STEEL (STAINLESS STEEL), SEE SPECIFICATIONS.

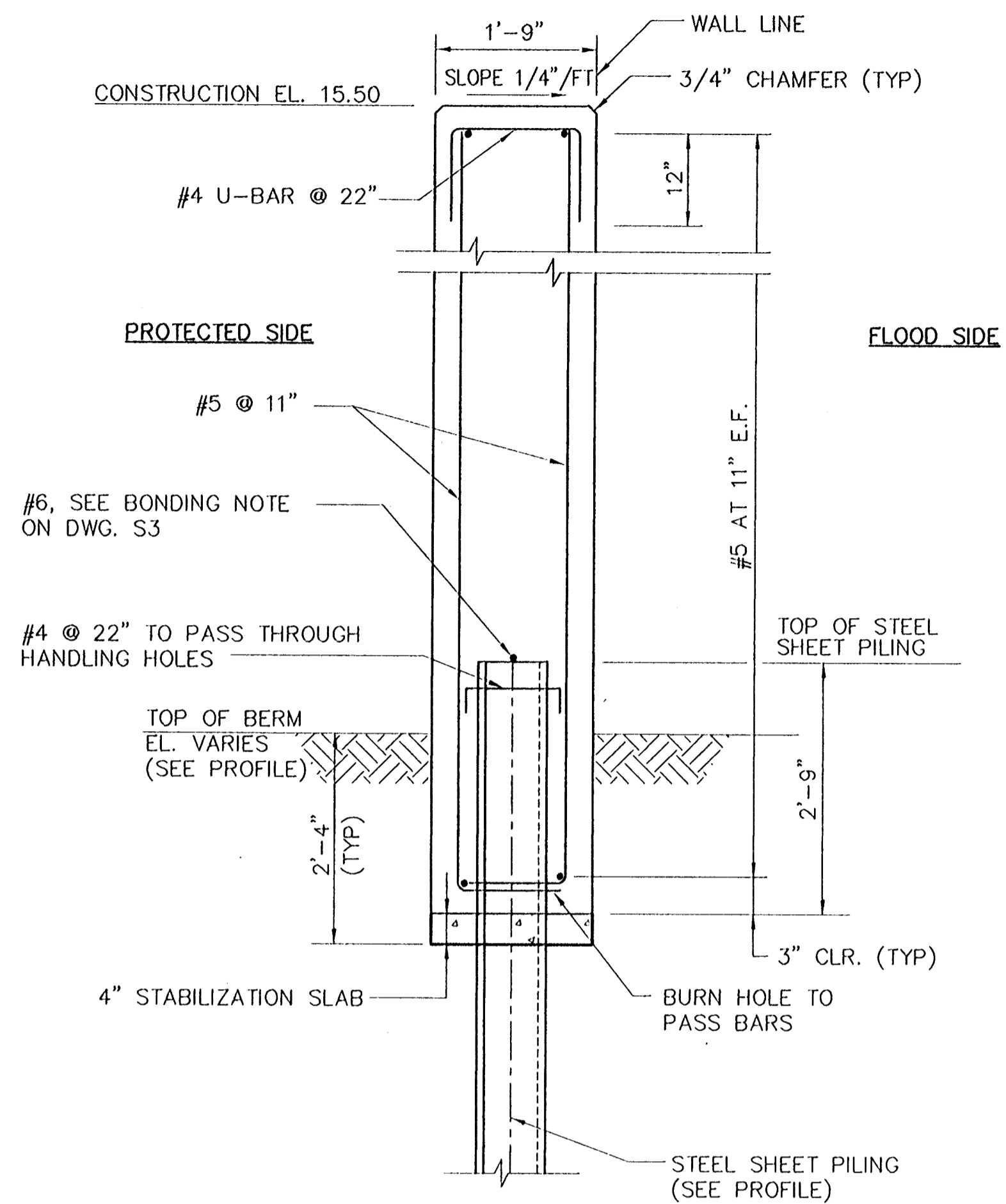
GENERAL NOTES:

- THE LOCATION OF ALL PIPES, DUCTS OR UNDERGROUND STRUCTURES IS NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES, DUCTS OR STRUCTURES ARE SHOWN. THE CONTRACTOR IS ADVISED THAT EXISTING OVERHEAD AND UNDERGROUND UTILITIES SUCH AS (BUT NOT LIMITED TO) ELECTRICAL LINES AND POLES, TELEPHONE CABLES, GAS LINES, WATER LINES AND SANITARY SEWERS EXIST IN THE RIGHT-OF-WAY WHERE THE PROPOSED IMPROVEMENTS ARE TO BE INSTALLED. CONTRACTOR SHALL CONTACT LA. ONE CALL OR THE APPROPRIATE UTILITY COMPANY FOR LOCATION OF THEIR UNDERGROUND SERVICE A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION IN EACH AREA. LA. ONE CALL NUMBER IS 1-800-272-3020. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO LOCATE AND PROTECT THESE EXISTING UTILITIES DURING THE CONSTRUCTION OF THE WORK TO BE INSTALLED UNDER THIS CONTRACT.
- ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE EXECUTION OF THE WORK UNDER THIS CONTRACT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, A CONSTRUCTION SCHEDULE FOR THE PROPOSED WORK AS WELL AS PROVISIONS FOR SITE DRAINAGE UNTIL THE WORK IS SUBSTANTIALLY COMPLETE AND READY TO BE PLACED IN SERVICE.
- ELEVATIONS ARE IN FEET AND REFER TO NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.).
- DIMENSIONS AND/OR ELEVATIONS MARKED THUS:(±), ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ACTUAL DIMENSIONS IN THE FIELD.
- DIMENSIONS AND/OR ELEVATIONS MARKED THUS:(N.T.S.), ARE NOT SHOWN TO SCALE.
- DRAWINGS ARE GENERALLY TO SCALE, BUT SHOULD NOT BE SCALED. N.T.S. IS SHOWN ONLY WHERE THE DRAWING IS OBVIOUSLY OUT OF SCALE.
- BENCH MARKS AND BASE LINES HAVE BEEN ESTABLISHED AT THE SITE.

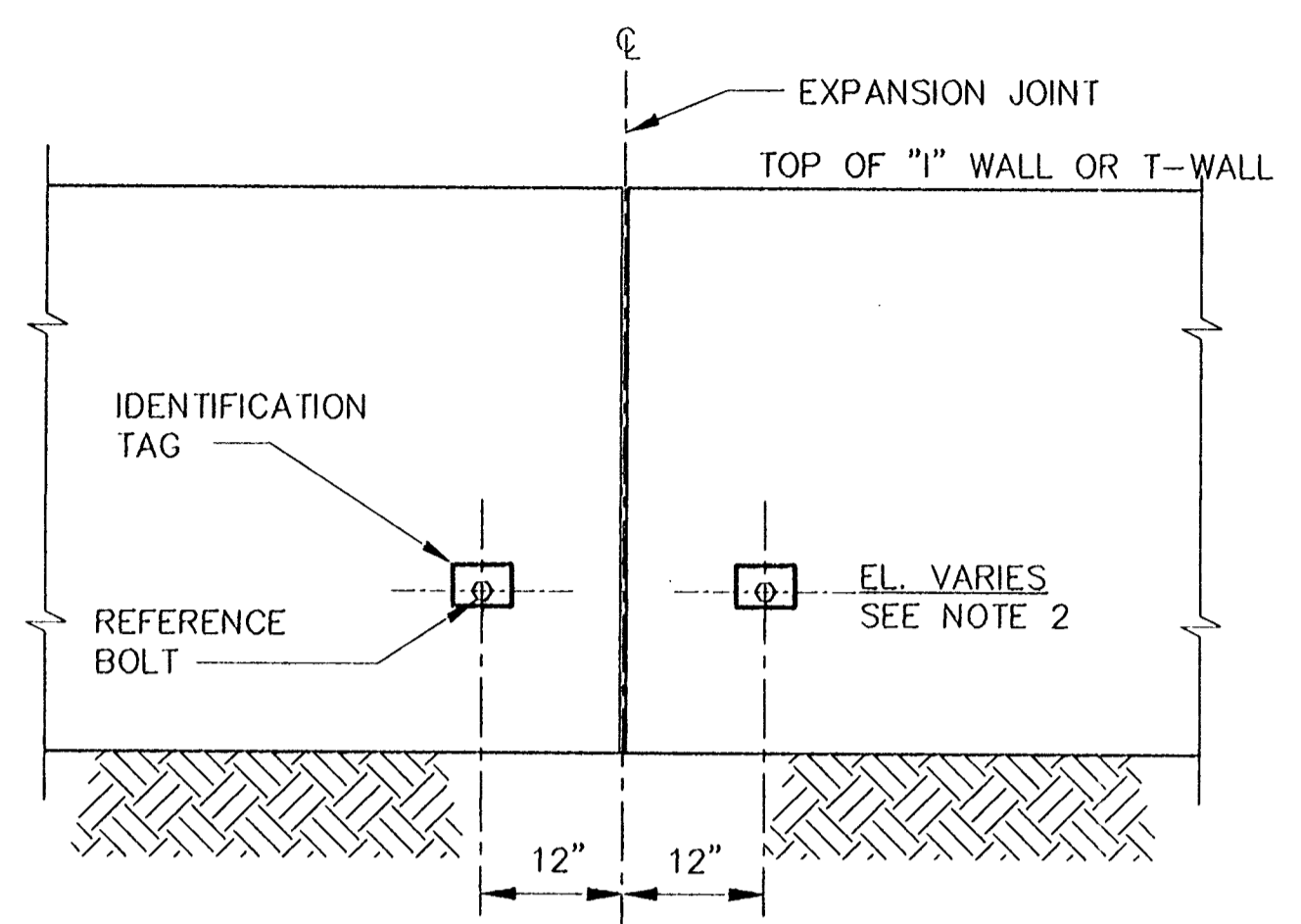
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CONSULTING ENGINEERS PYBURN & ODUM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 DESIGN LOADS & GENERAL NOTES	
DESIGNED J.F.H.	CHECKED G.P.F.	APPROVED R.S.G.	DATE JAN. 14, 1998
DESIGNED J.F.H.	CHECKED G.P.F.	APPROVED R.S.G.	DATE
IDENTIFICATION NO. GEN-NOTE		PROJECT ENGINEER	
WILLIAM B. GORMARTHE, P.E. PROJECT ENGINEERING MANAGER		PYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S1		REF000303	



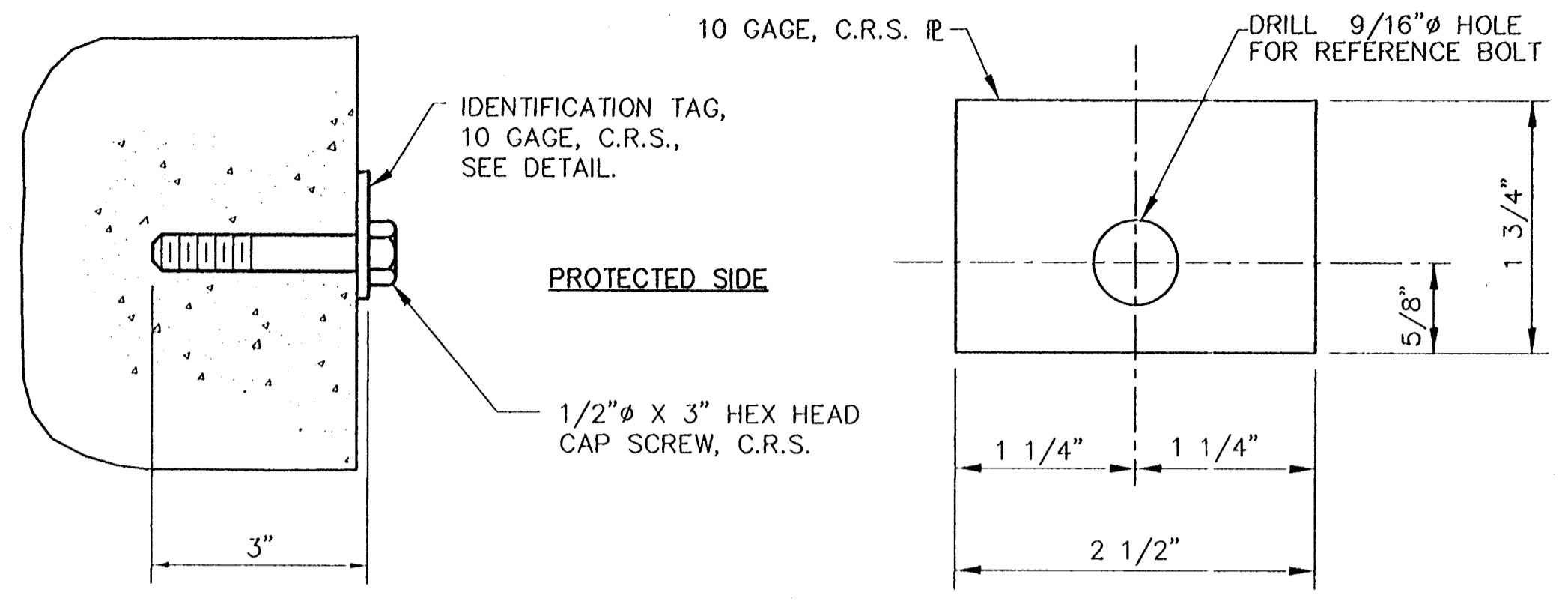
TYPICAL I-WALL REINFORCEMENT
SCALE: 3/4"=1'-0"



TYPICAL ELEVATION OF SETTLEMENT REFERENCE MARKER (S.R.M.)
SCALE: 3/4"=1'-0"

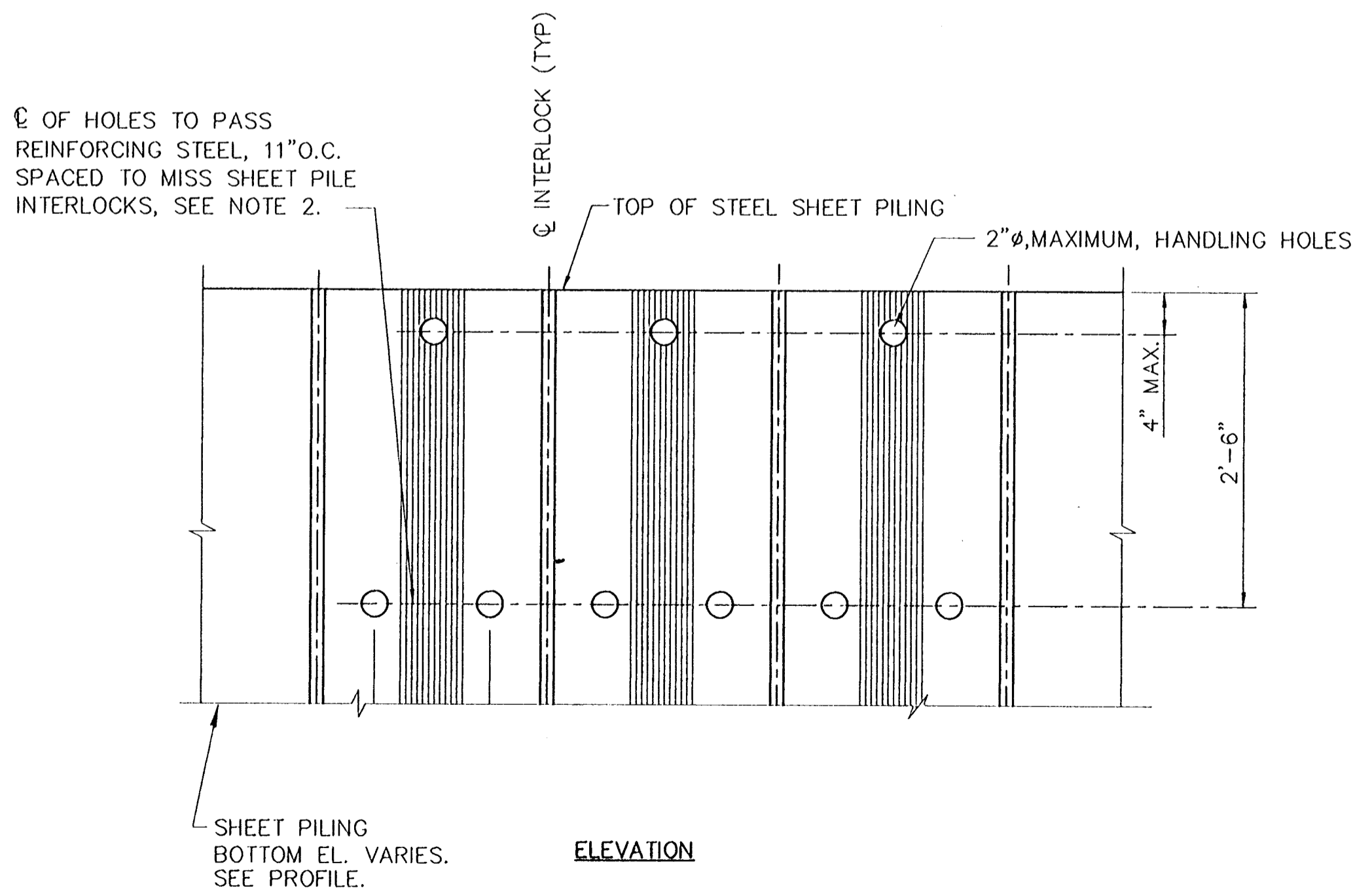
NOTES:

1. SETTLEMENT REFERENCE MARKERS SHALL BE INSTALLED AS SHOWN AT THE ENDS OF EACH I-WALL SEGMENT, AFTER THE CONCRETE HAS SET. GROUT BOLTS WITH NON-SHRINK GROUT.
2. THE CONTRACTOR SHALL TAKE FINAL ELEVATIONS OF ALL S.R.M.'S AND SHALL SUBMIT THIS DATA TO THE OWNER'S REPRESENTATIVE.
3. EACH S.R.M. TAG PLATE SHALL BE STAMPED WITH A REFERENCE IDENTIFICATION NUMBER. (FR-1, FR-2, FR-3, ...)

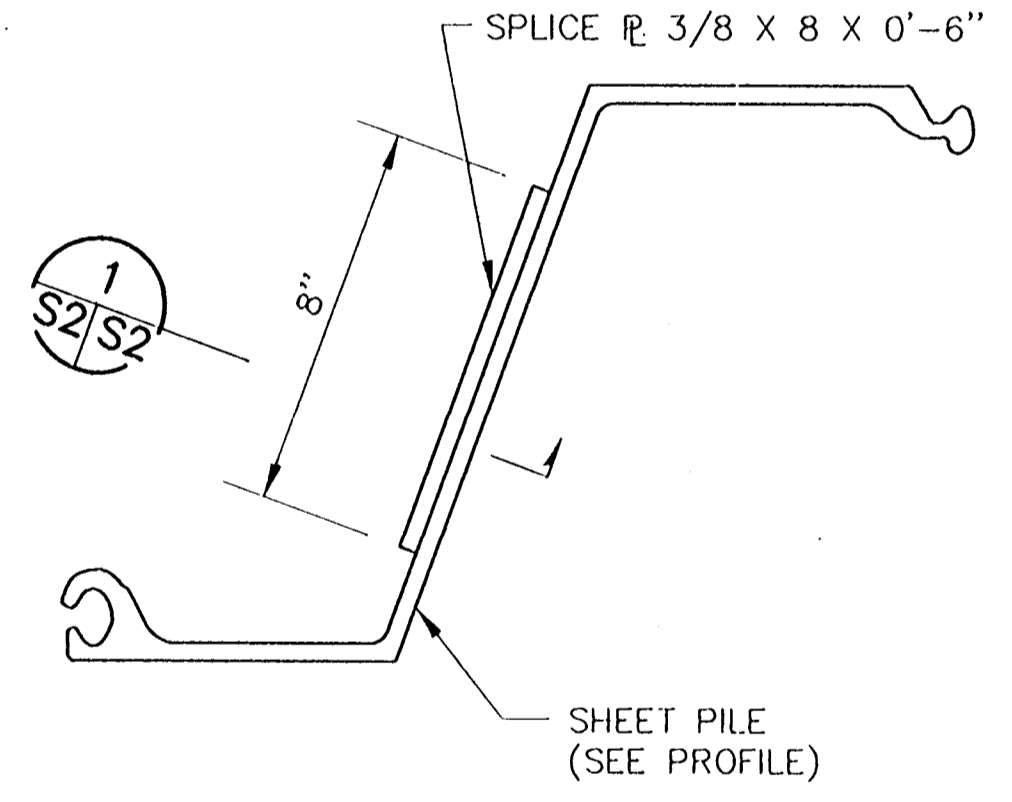


REFERENCE BOLT
SCALE: 6"=1'-0"

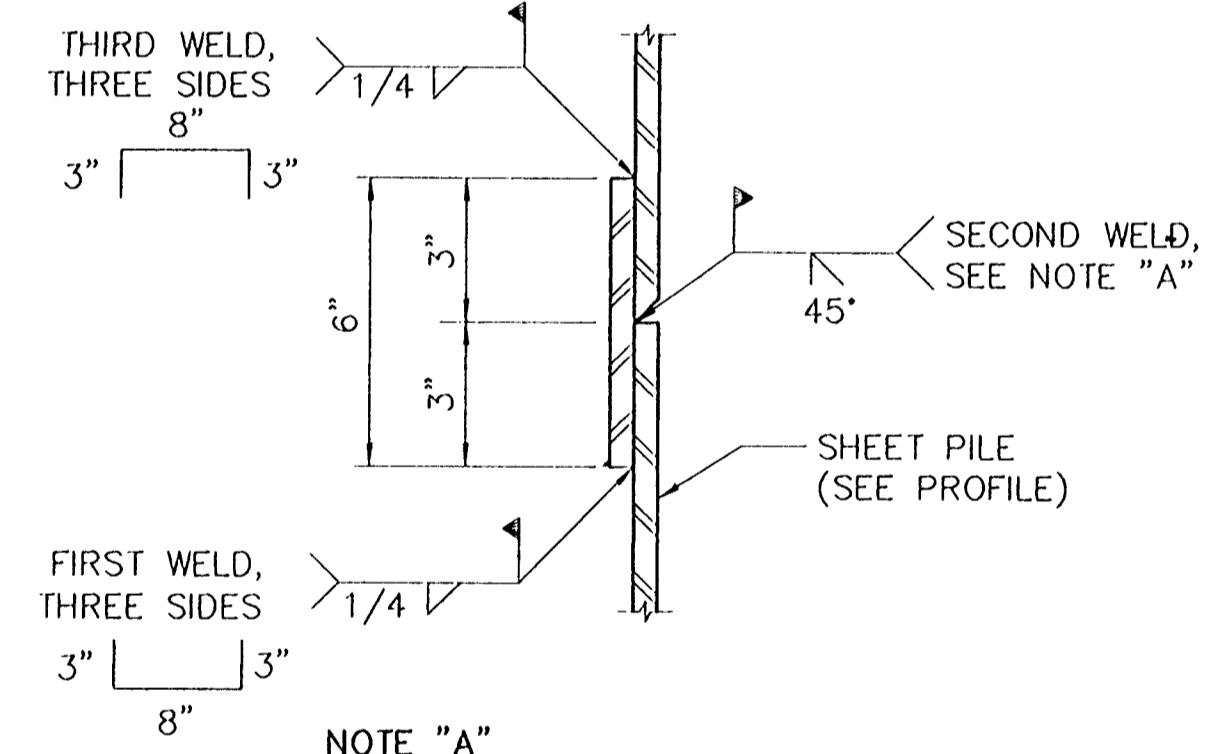
IDENTIFICATION TAG
SCALE: 2"=1'-0"



DETAIL OF HOLES IN SHEET PILES
SCALE: 1"=1'-0"



SHEET PILE SPLICE DETAILS
SCALE: 3"=1'-0"



NOTE "A"

GROOVE WELD SHALL EXTEND THE FULL LENGTH OF THE SHEET PILE WEB AND FLANGES EXCLUDING THE INTERLOCKS.

SECTION 1 S2/S2
SCALE: 3"=1'-0"

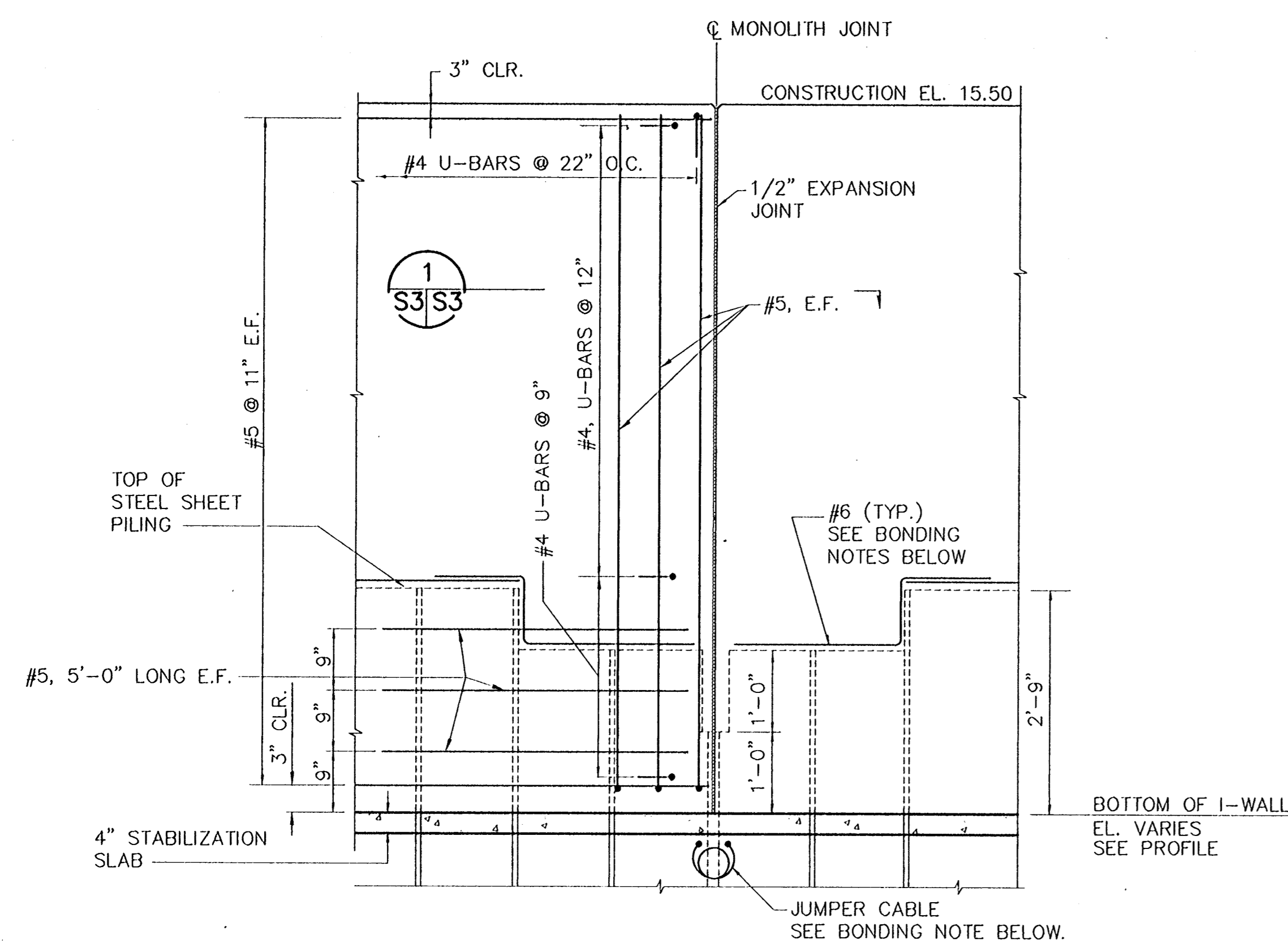
NOTES:

1. A MINIMUM OF 4 INCHES CONCRETE COVER SHALL BE PROVIDED OVER SHEET PILING AT ALL POINTS.
2. HOLES CUT IN STEEL SHEET PILING FOR PASSING REINFORCING BARS SHALL NOT EXCEED 2" Ø. WHERE HOLES FALL WITHIN THE WEB OF THE STEEL SHEET PILE, THE HOLE SHALL BE SLOTTED 4" HORIZONTALLY TO ACCOMMODATE PASSING THE REINFORCING BARS.
3. STEEL SHEET PILE SURFACE PREPARATION AND PAINTING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 TYPICAL I-WALL DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED BY R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-IWL2		RECOMMENDED BY WILLIAM D. CORMARTIE, P.E. PROJECT ENGINEERING MANAGER APPROVED BY KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S2		REF000005	

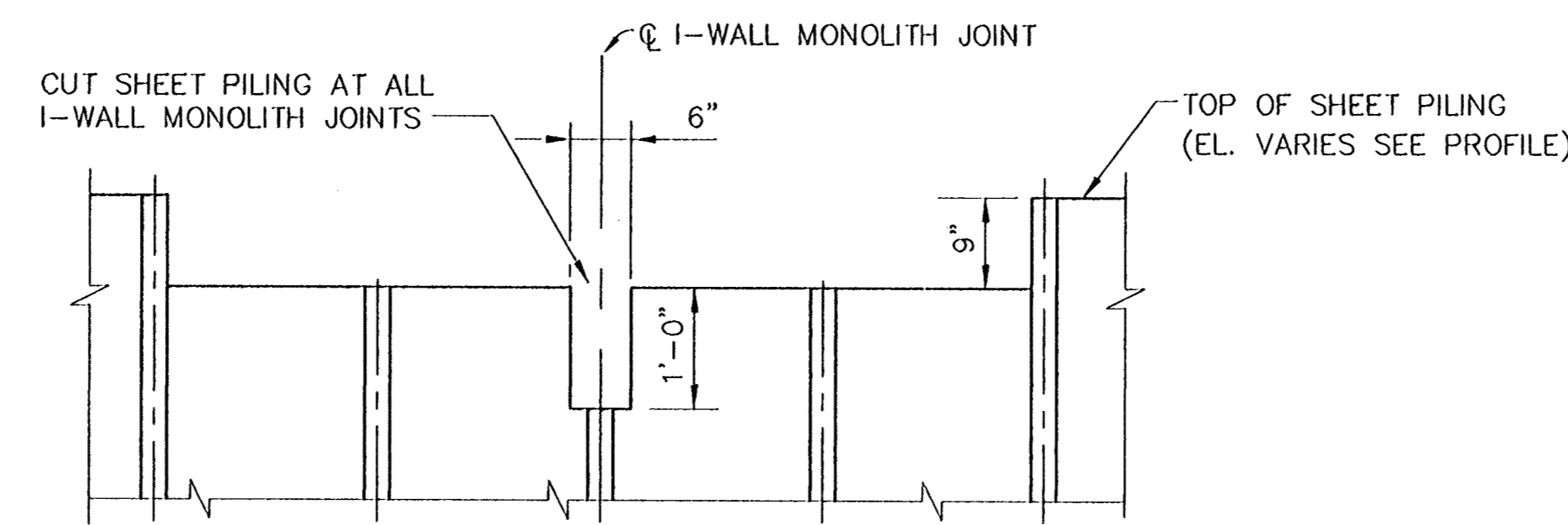
07-1998 - 14-03 [REV] PWD FILE: G:\CADD\576-36-0005\PARC-303\STRUCT\DET-IWL2 [Login: Dave]

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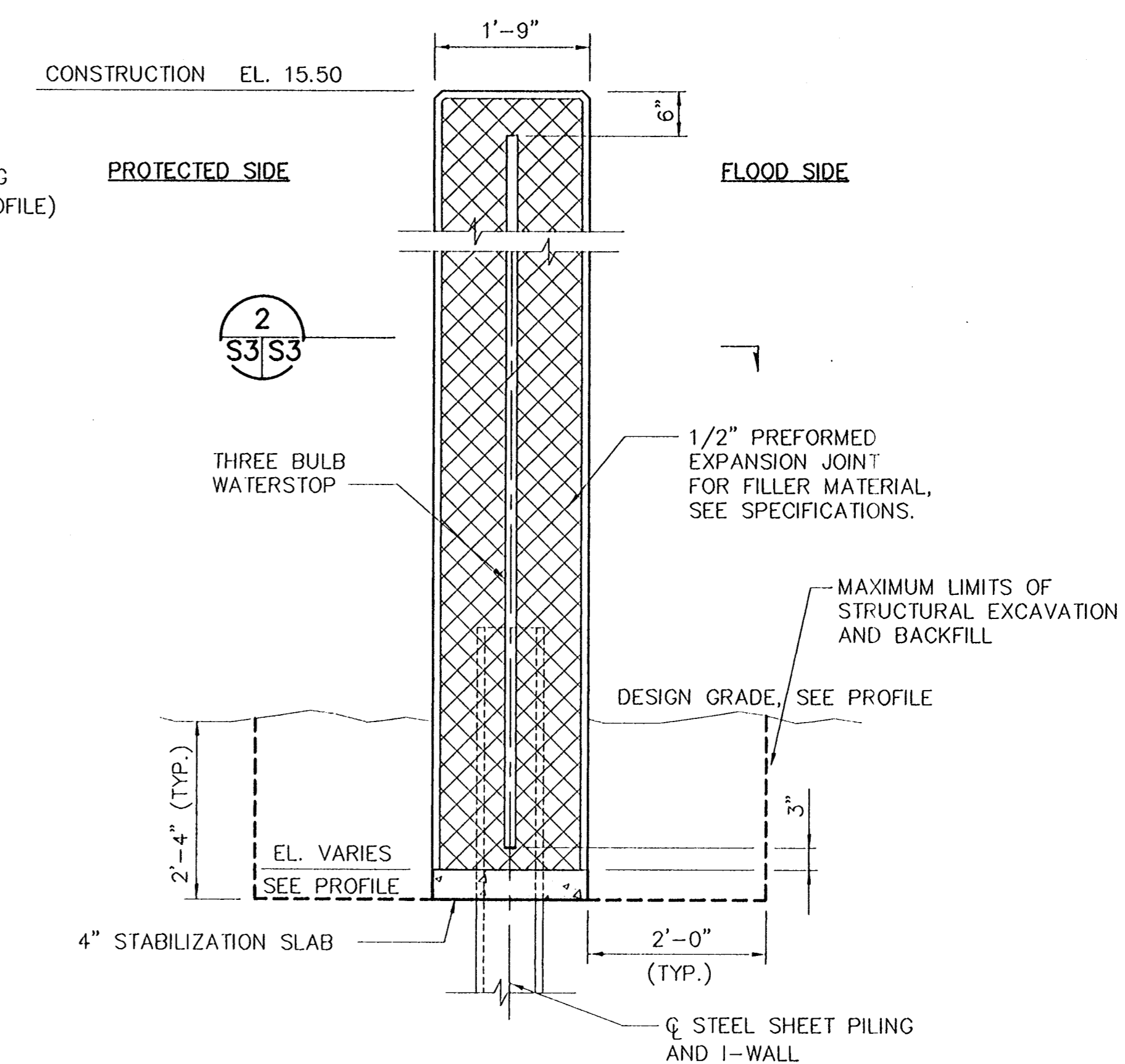
TYPICAL REINFORCEMENT DETAILS AT I-WALL/I-WALL JOINT

SCALE: 3/4"=1'-0"



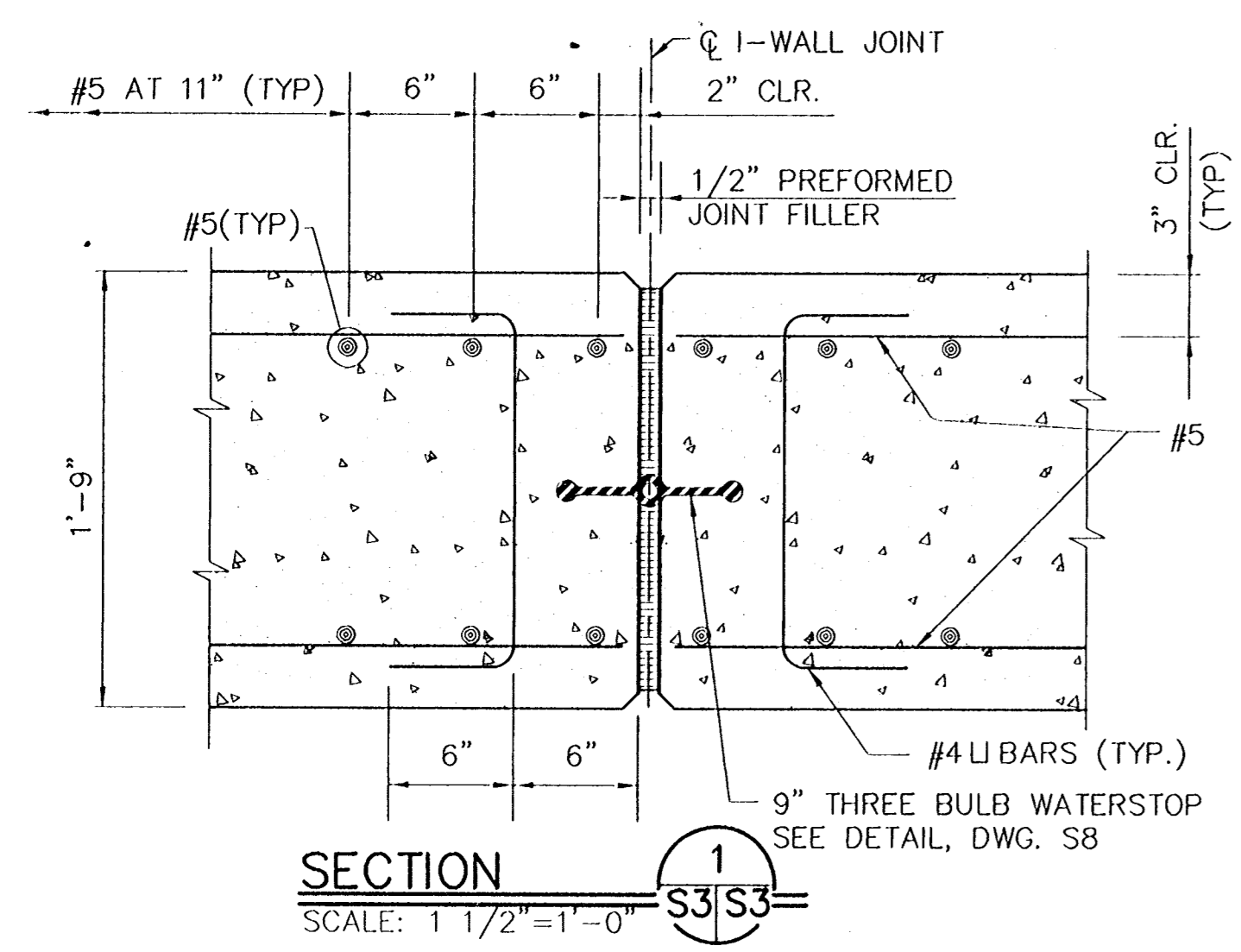
**SHEET PILING DETAILS
I-WALL MONOLITH JOINTS**

N.T.S.



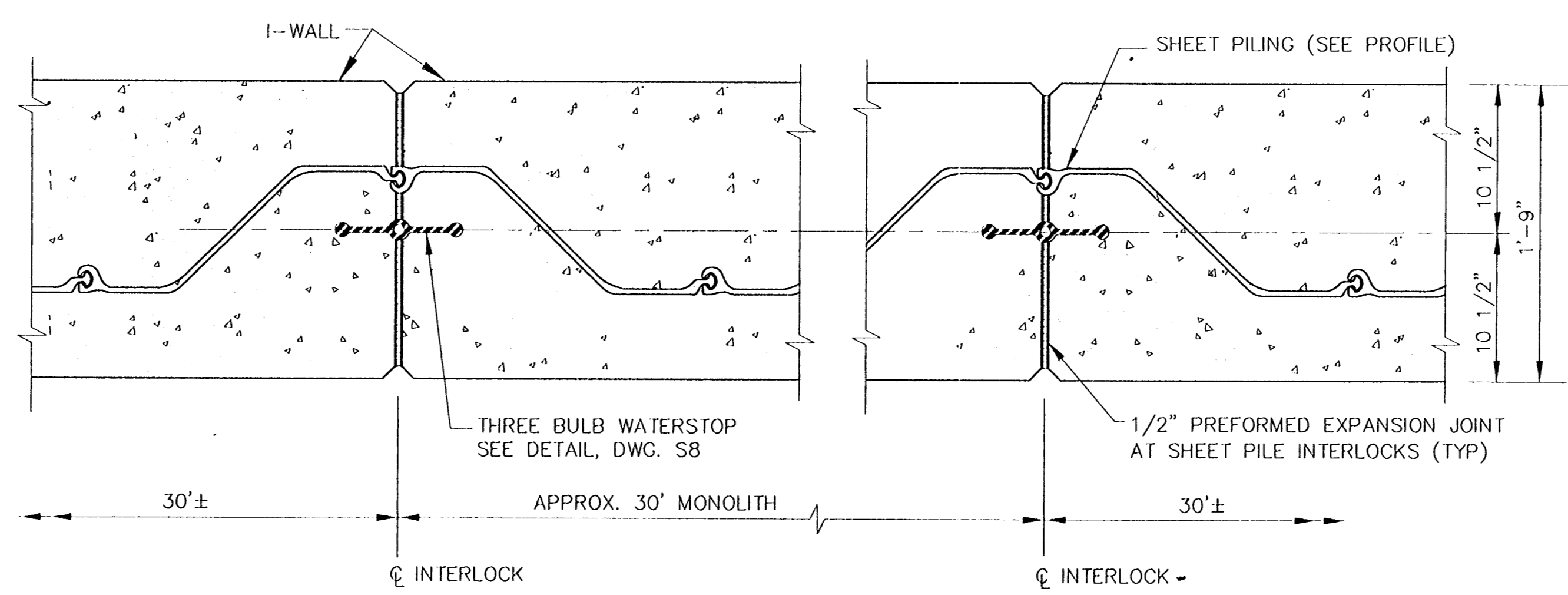
TYPICAL I-WALL MONOLITH SECTION AT EXPANSION JOINT

SCALE: 3/4"=1'-0"



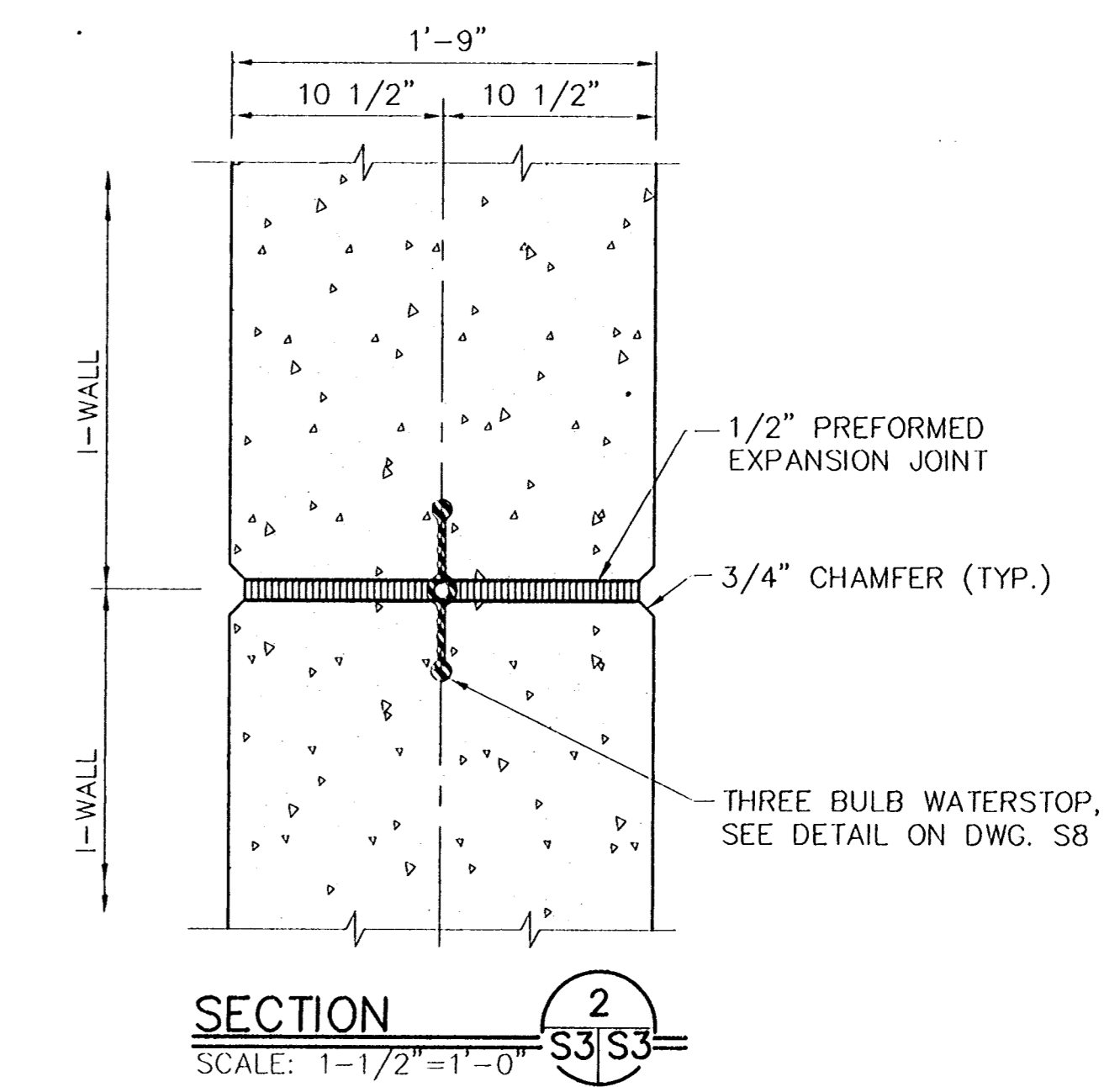
SECTION 1

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



TYPICAL I-WALL MONOLITH AT SHEET PILE INTERLOCKS

1 1/2"=1'-0"



SECTION 2

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

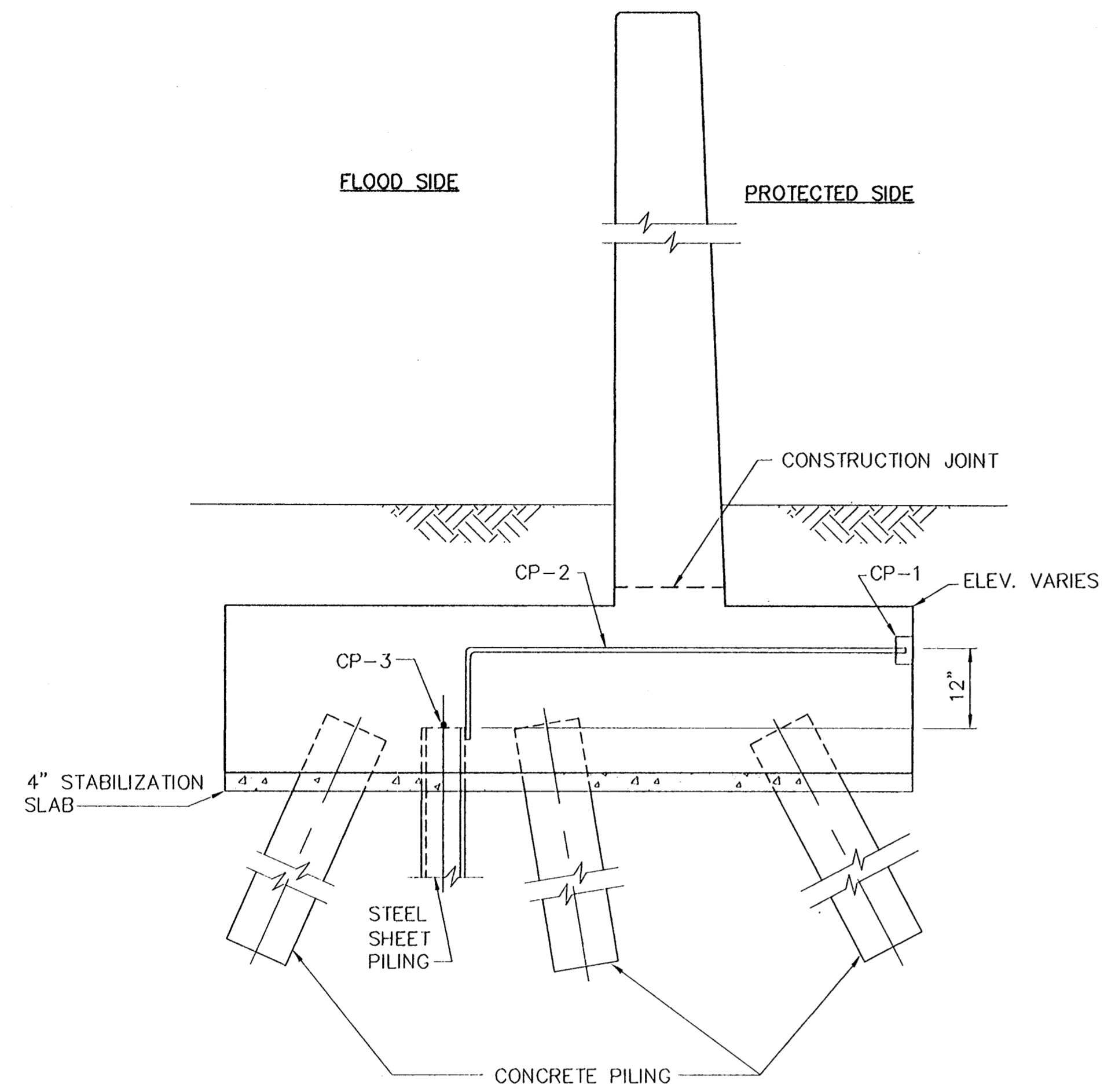
BONDING NOTE:

- #6 REINFORCING BAR SHALL BE WELDED AT THE TOP OF EACH SHEET PILE. #6 REINFORCING BAR SHALL NOT EXTEND ACROSS THE MONOLITH JOINT.
- INSTALL FLEXIBLE JUMPERS AT ALL MONOLITH JOINTS. JUMPERS SHALL BE INSULATED No.1/0 AWG COPPER, TYPE USE, INSULATED WITH A MINIMUM OF 95 MILS OF CROSS LINKED POLYETHYLENE IN A 8" DIAMETER LOOP. JUMPERS SHALL BE WELDED AS SPECIFIED TO ADJACENT STEEL SHEET PILES 7" BELOW THE BOTTOM OF THE CONCRETE CAP. WELDED CONNECTIONS SHALL BE COATED WITH SPLICING EPOXY TO OBTAIN A MOISTURE PROOF JOINT. SPLICING OF #6 BAR WILL NOT BE ALLOWED.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 I-WALL/I-WALL JOINT DETAILS	
DESIGNED BY J.F.H. CHECKED BY G.P.F. APPROVED BY R.S.G.		SCALE AS SHOWN DATE JAN. 14, 1998 DRAWN BY J.M.R. SUBMITTED BY R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-IWL1		RECOMMENDED BY WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER APPROVED BY KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S3		REF#000303	

Jan 07, 1998 - 14:56:35 P.M. FILE: G:\CAD\ACAD\504-C08\PROJ-303\STRUCT\DET-IWL1.dwg [Login: Dev]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CORROSION PROTECTION DETAIL
SCALE: 1/2"=1'-0"

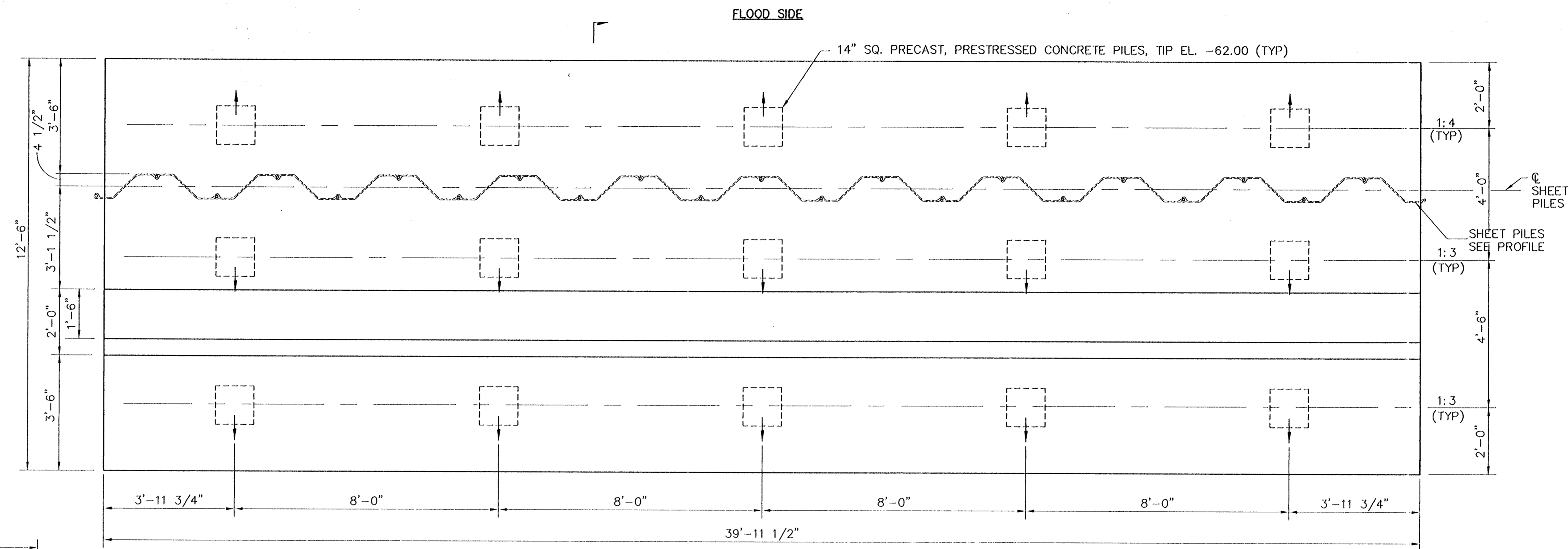
NOTES ON CORROSION DETAIL

- CP-1 6" STD. IRON BODY TRAPSCREW FERRULE WITH BRASS PLUG AND COUNTERSUNK NUT. ONE FERRULE TO BE SET EVERY 90-100 FEET IN T-WALL MONOLITHS.
- CP-2 #6 REINFORCING BAR WELDED TO SHEET PILE AND TERMINATED IN THE FERRULE WITHIN 1/2" OF THE COVER.
- CP-3 #6 REINFORCING BAR TO BE WELDED TO THE TOP OF EACH STEEL SHEET PILE. #6 REINFORCING BAR SHALL NOT EXTEND ACROSS THE MONOLITH JOINT. INSTALL FLEXIBLE JUMPER AT ALL T-WALL AND I-WALL JOINTS AND AT ALL TRANSITIONS FROM T-WALL TO I-WALL JOINTS. JUMPERS SHALL BE INSULATED NO.1/0 AWG COPPER, TYPE USE, INSULATED WITH A MINIMUM OF 95 MILS OF CROSS-LINKED POLYETHYLENE IN AN 8" DIAMETER LOOP. JUMPERS SHALL BE WELDED AS SPECIFIED TO ADJACENT STEEL PILES 12" BELOW THE BOTTOM OF BASE SLAB FOR T-WALL JOINTS, 7" BELOW BOTTOM OF CONCRETE CAP FOR I-WALL JOINTS AND AT TRANSITIONS FROM T-WALL TO I-WALL JOINTS. WELDED CONNECTIONS SHALL BE COATED WITH EPOXY TO OBTAIN MOISTURE PROOF JOINT. SEE SPECIFICATIONS.

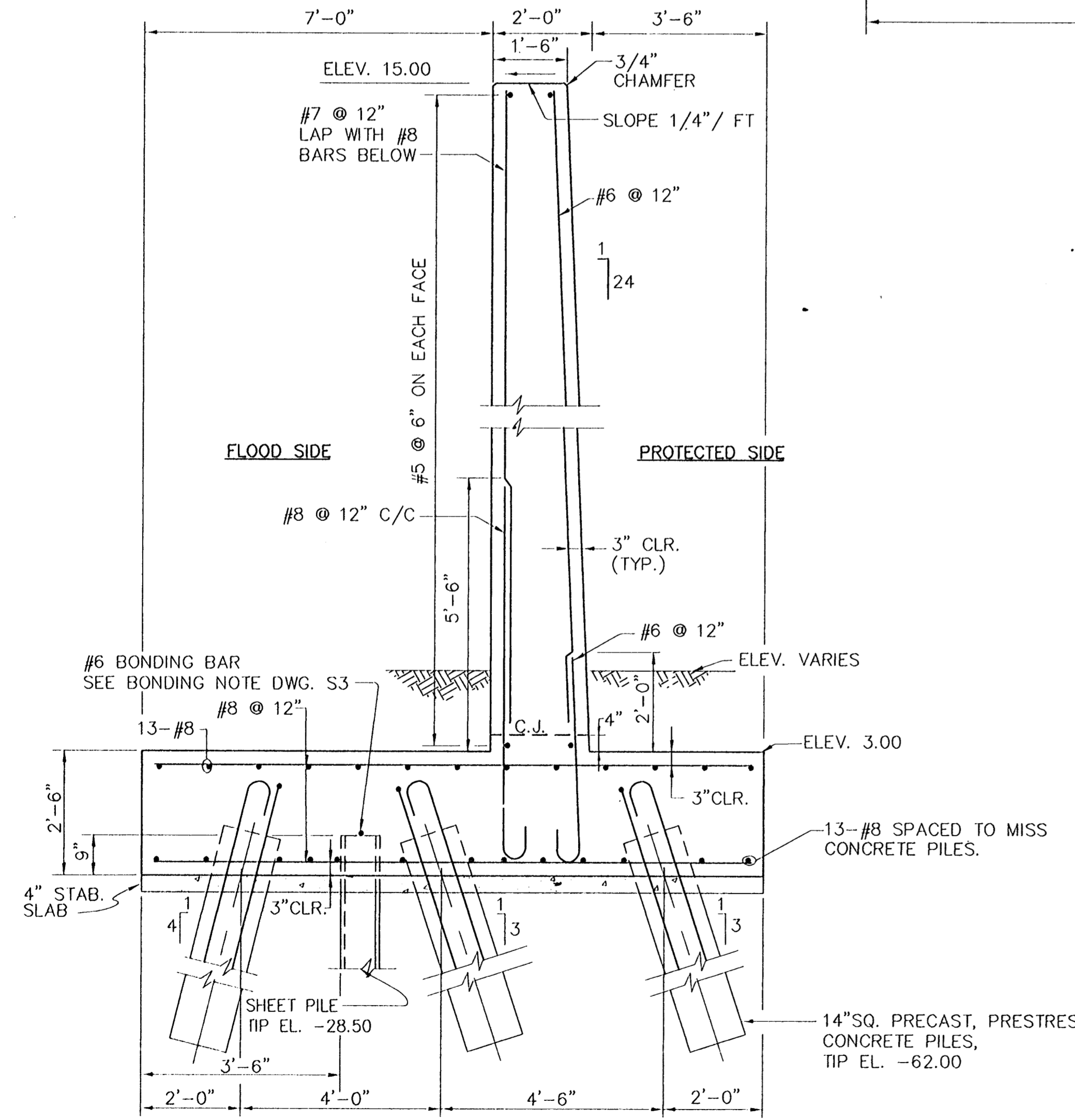
Jan 07, 1998 - 15:00:24 P&C FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\DET-TWLM [Login: Dovo]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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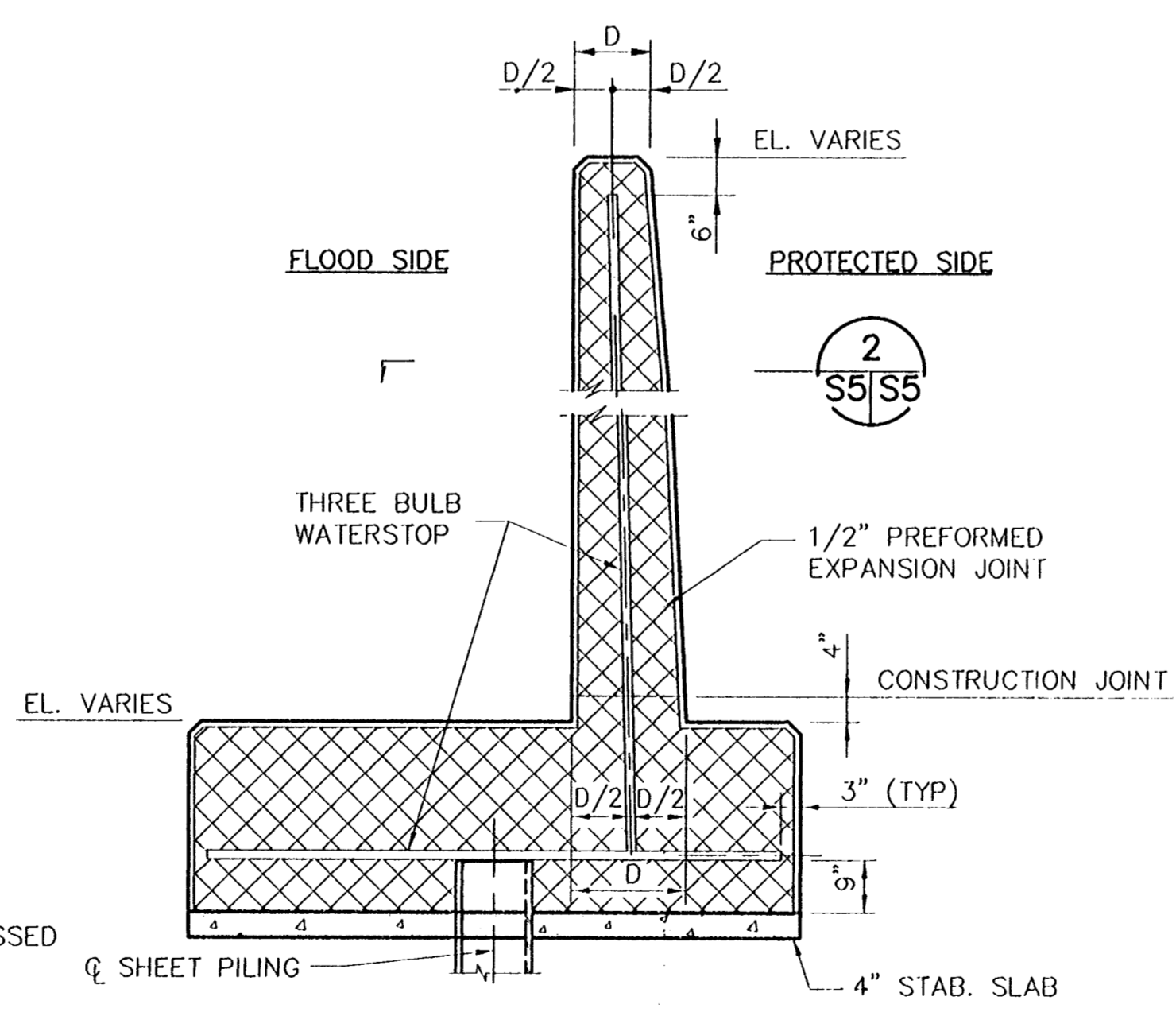
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 DETAILS OF T-WALL AT MECO SITE	
		DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.	
IDENTIFICATION NO. DET-TWLM		SCALE 1/2"=1'-0" DATE: JAN. 14, 1998 DESIGNED: J.F.H. DRAWN: J.M.R. CHECKED: G.P.F. SUBMITTED: R.S.C. RECOMMENDED: APPROVED:	
WILIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S4		REG#000303	



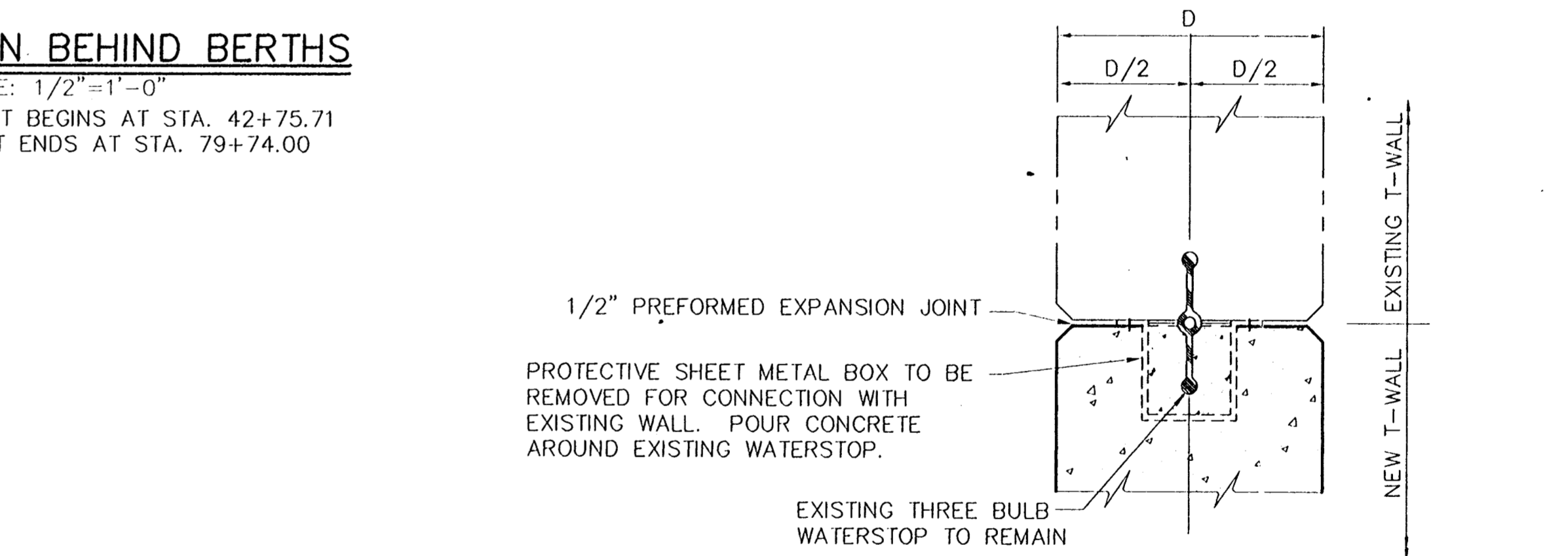
T-WALL PLAN BEHIND BERTHS
 SCALE: 1/2"=1'-0"
 FIRST SEGMENT BEGINS AT STA. 42+75.71
 LAST SEGMENT ENDS AT STA. 79+74.00



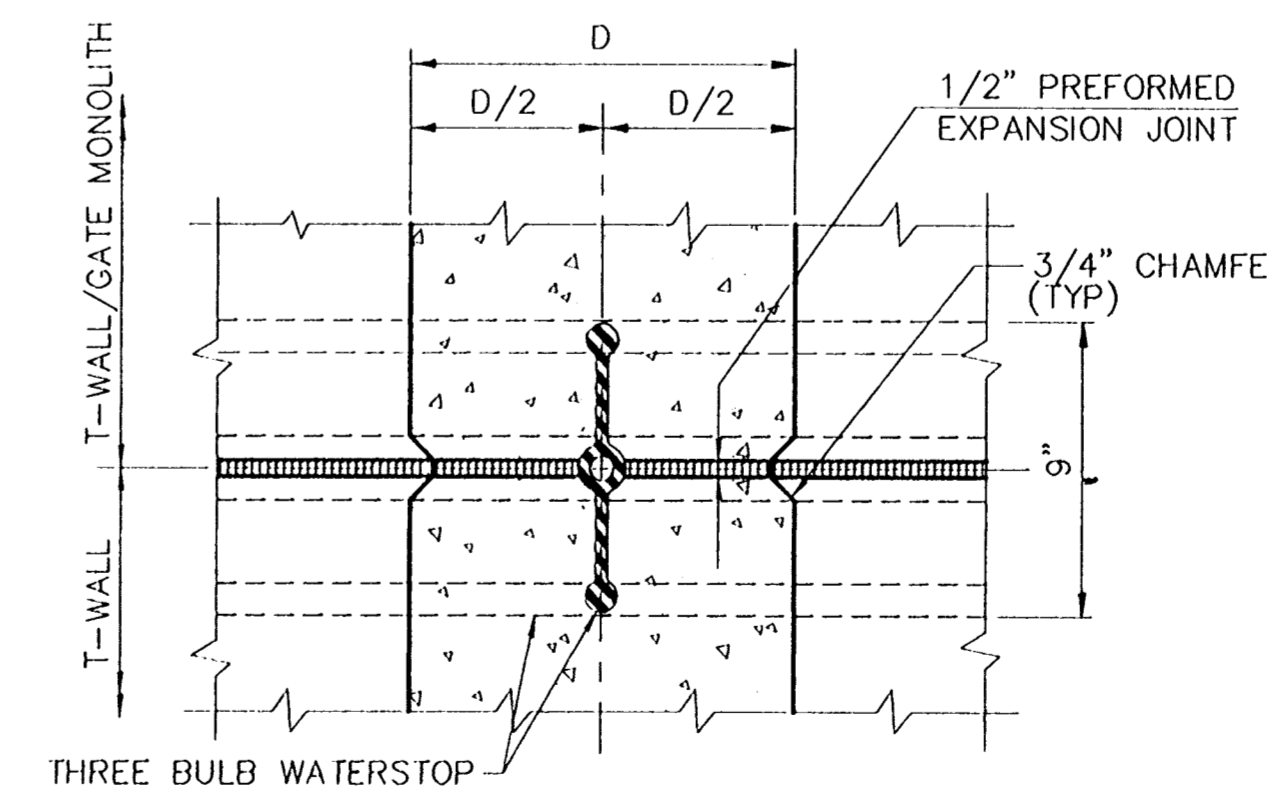
SECTION 1
 SCALE: 1/2"=1'-0"



TYPICAL T-WALL MONOLITH SECTION AT EXPANSION JOINT
 SCALE: 3/4"=1'-0"



TYPICAL JOINT DETAIL BETWEEN NEW & EXISTING T-WALL MONOLITHS
 SCALE: 1/2"=1'-0"

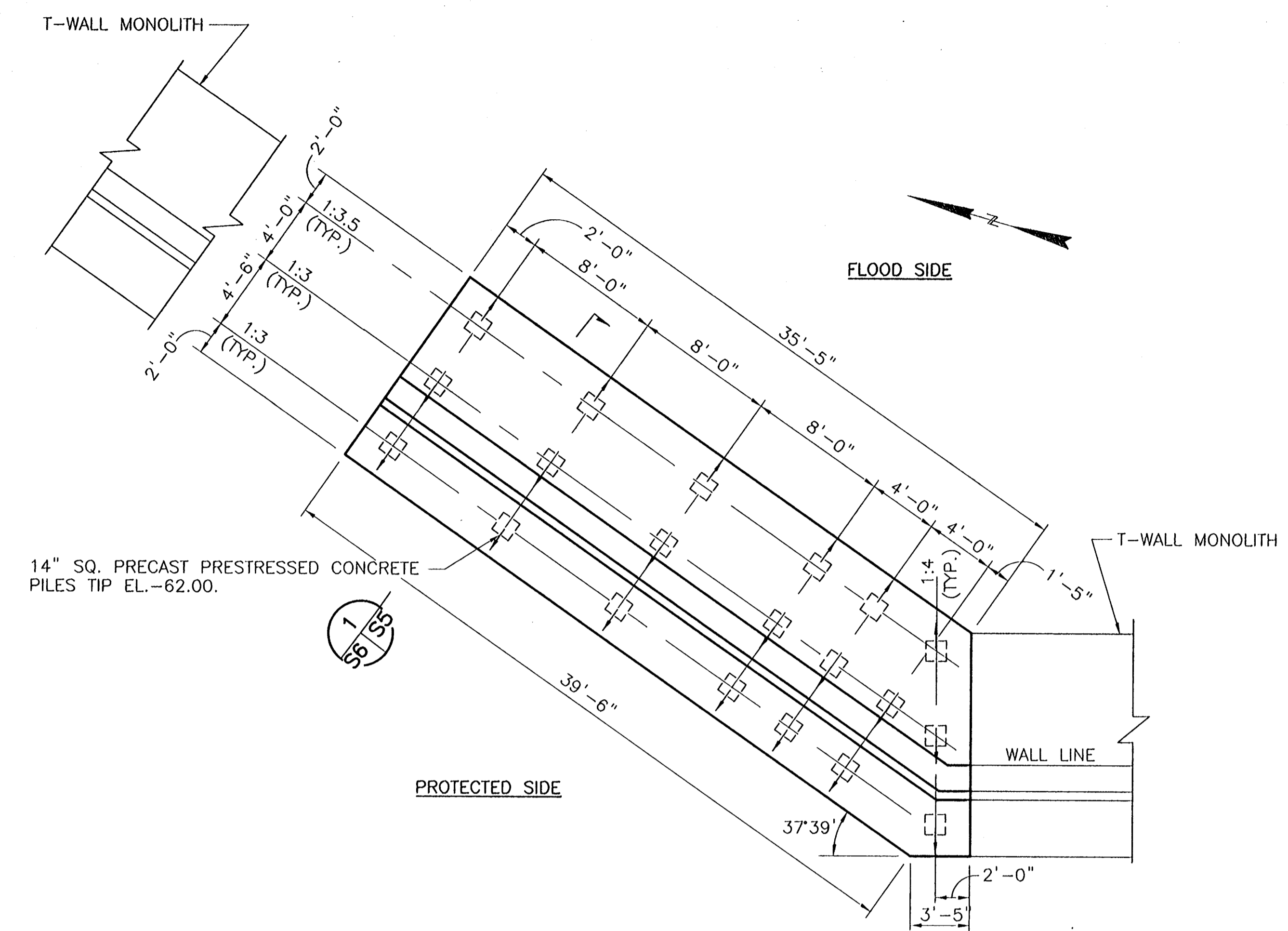


TYPICAL JOINT DETAIL BETWEEN T-WALL MONOLITHS
 SCALE: 3/4"=1'-0"

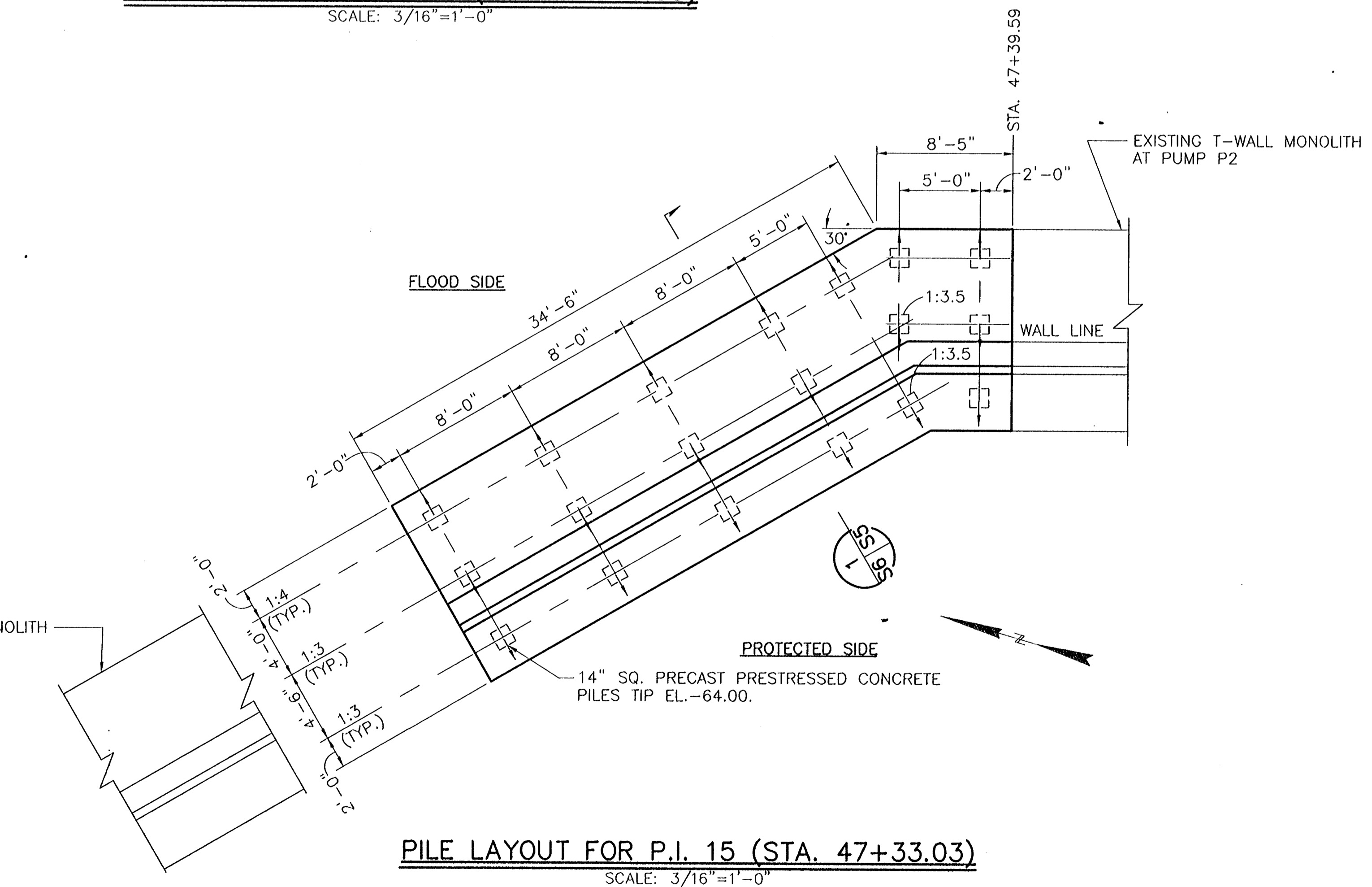
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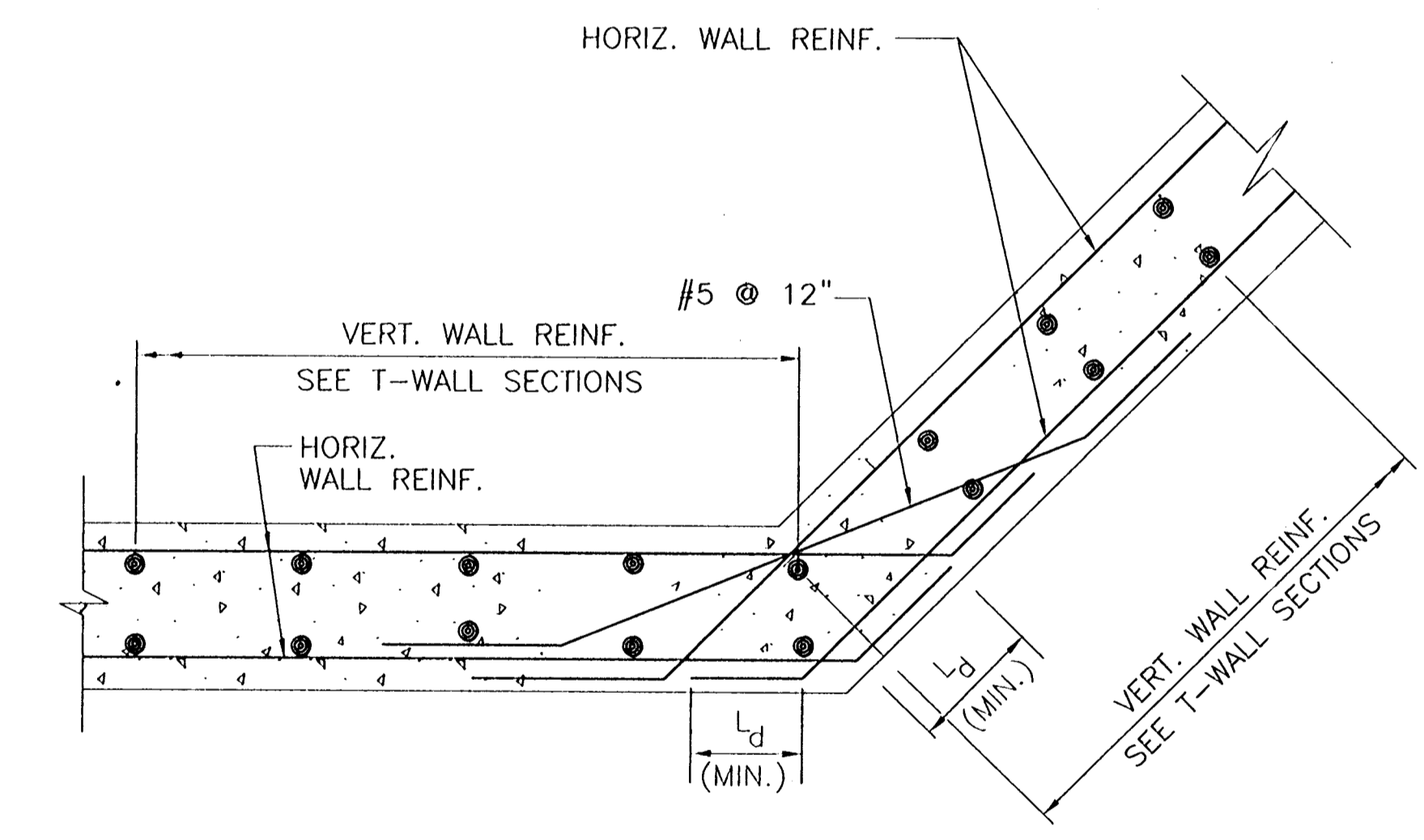
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 T-WALL BEHIND BERTHS AND DETAILS	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: H.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED BY: R.S.G. PROJECT ENGINEER	SCALE: AS SHOWN IDENTIFICATION NO. DET-TWLB	WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE G. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-S5		REF0000303	



PILE LAYOUT FOR P.I. 13 (STA. 44+66.09)
SCALE: 3/16"=1'-0"



PILE LAYOUT FOR P.I. 15 (STA. 47+33.03)
SCALE: 3/16"=1'-0"

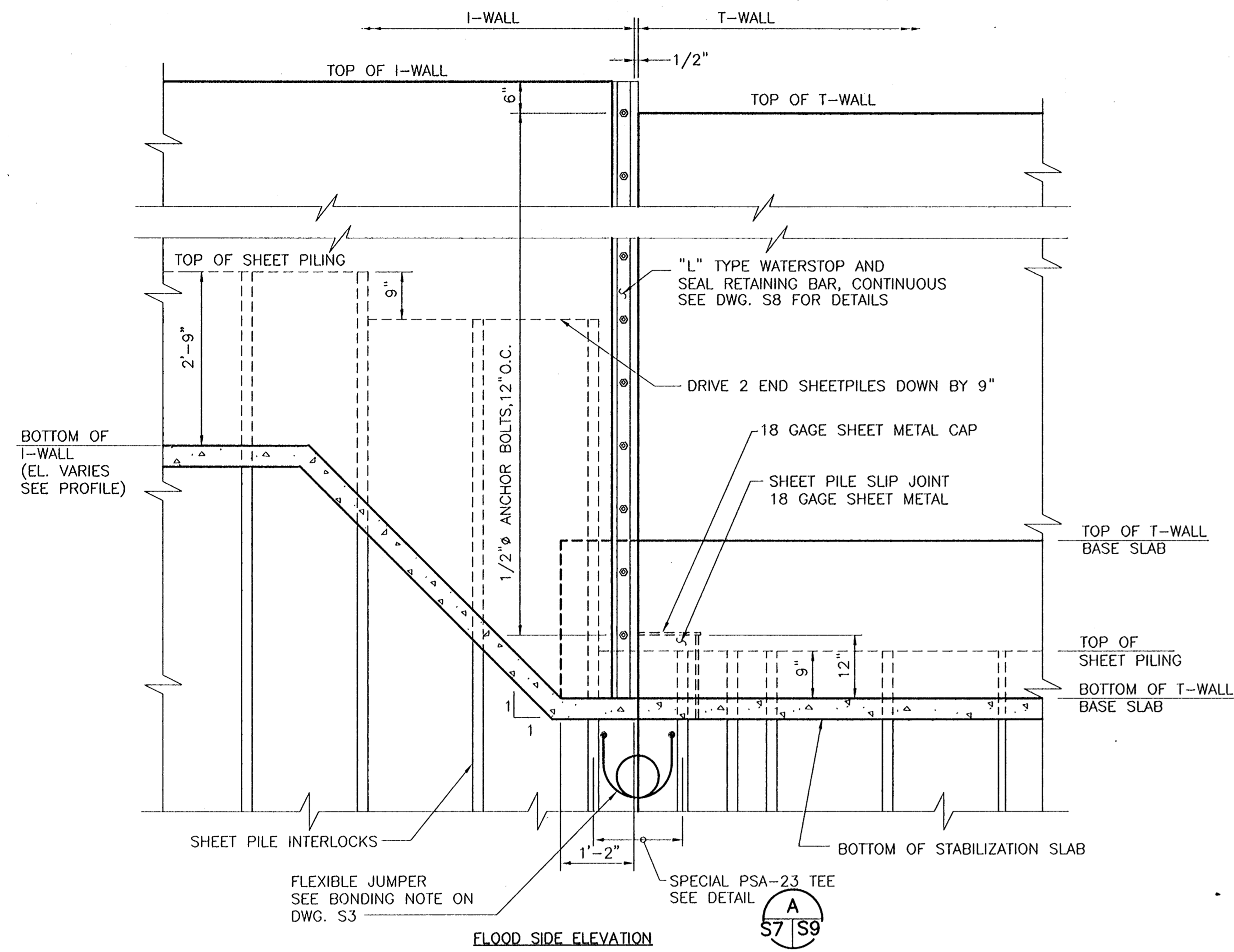


T-WALL REINFORCEMENT DETAIL AT P.I.
SCALE: N.T.S.

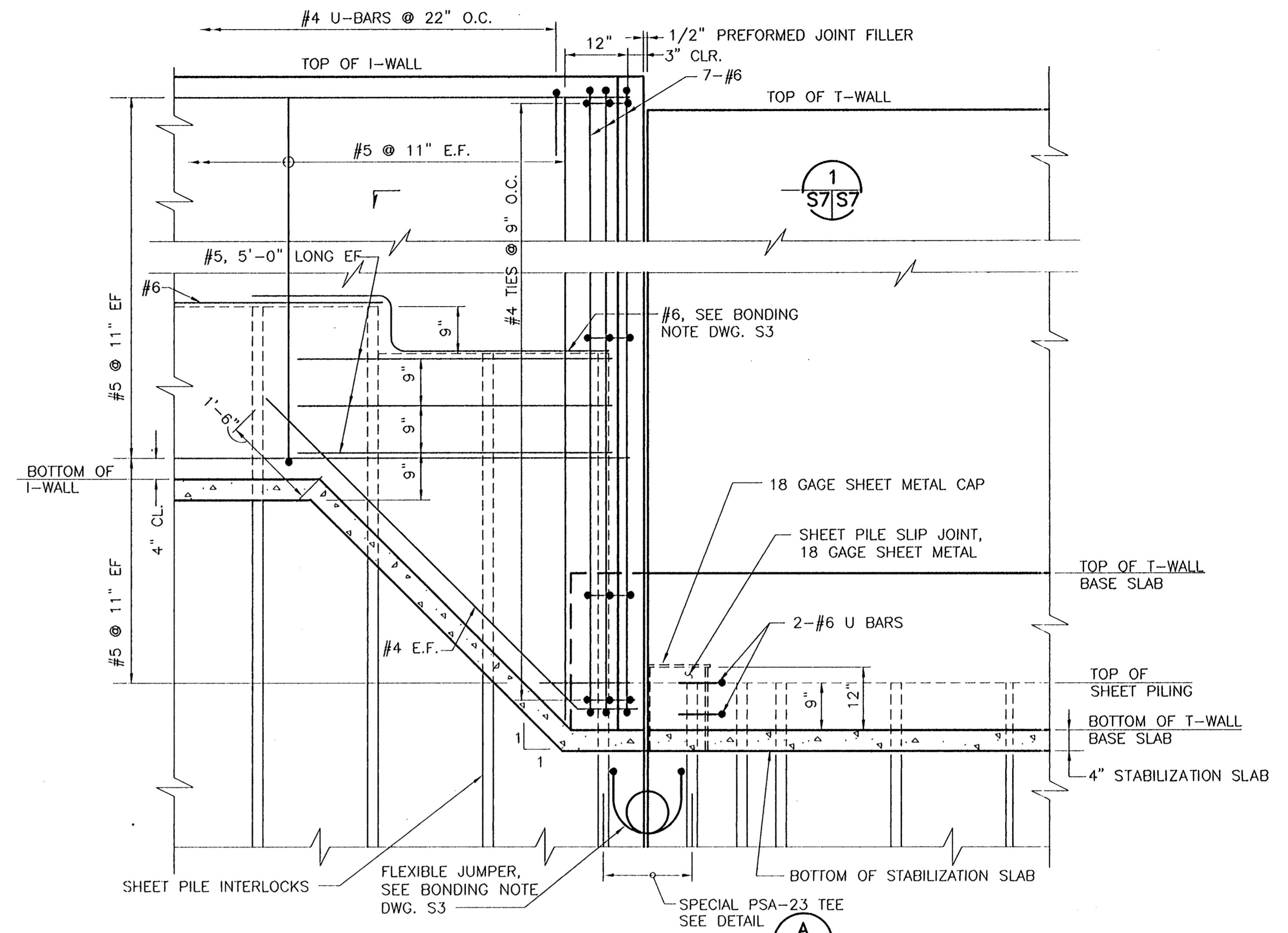
Jun 07, 1998 - 16:27:16 P.M. FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\BEND1 [Login: Dave]

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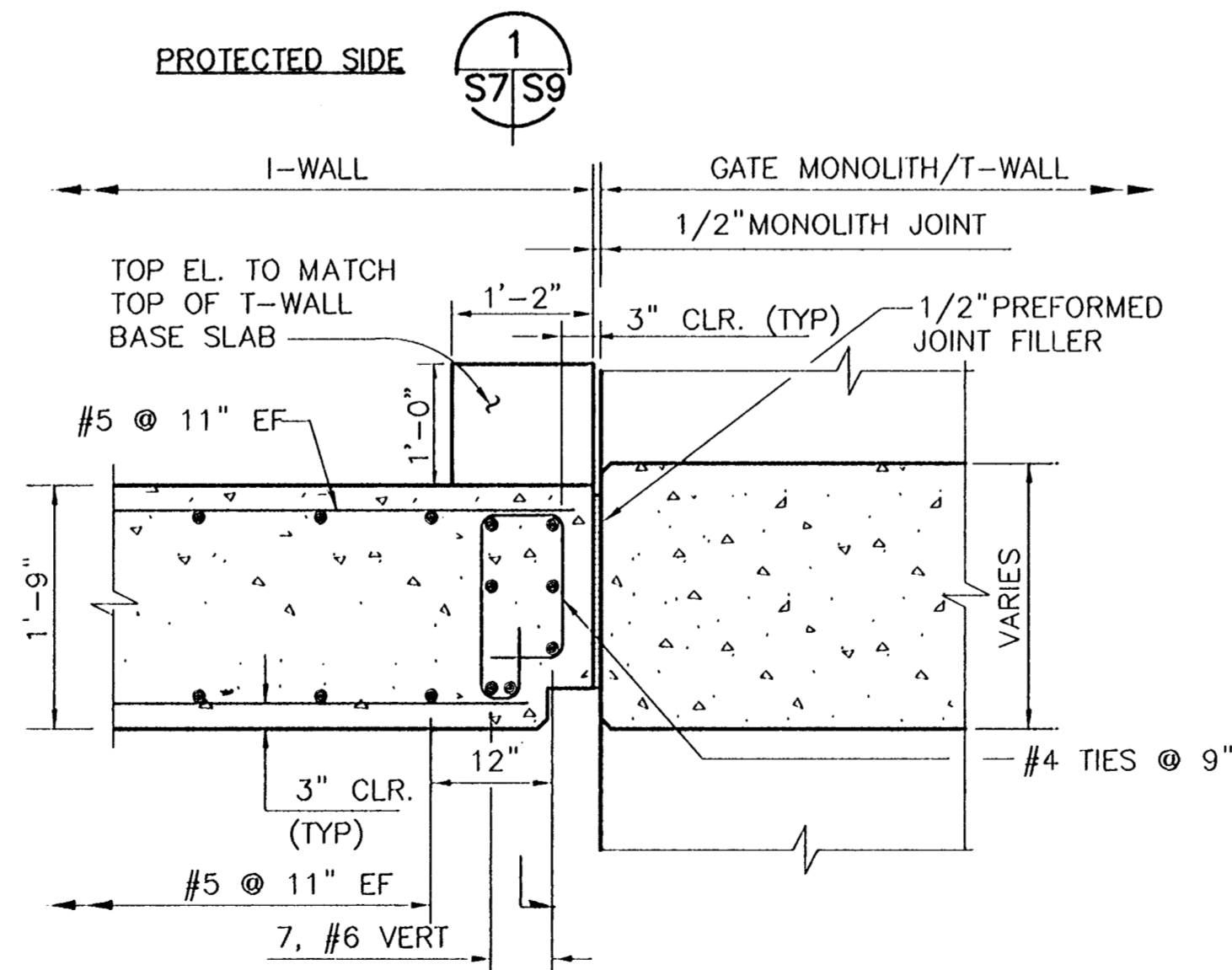
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 T-WALL BEND DETAILS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED BY <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>AS SHOWN</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED BY <u>R.S.G.</u> PROJECT ENGINEER
IDENTIFICATION NO. BEND		RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED KYLL C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S6		REF#000303	



I-WALL TO GATE MONOLITH/T-WALL CONNECTION
SCALE: 3/4"=1'-0"



I-WALL TO GATE MONOLITH/T-WALL CONNECTION (REINFORCEMENT DETAILS)
SCALE: 3/4"=1'-0"



FLOOD SIDE

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

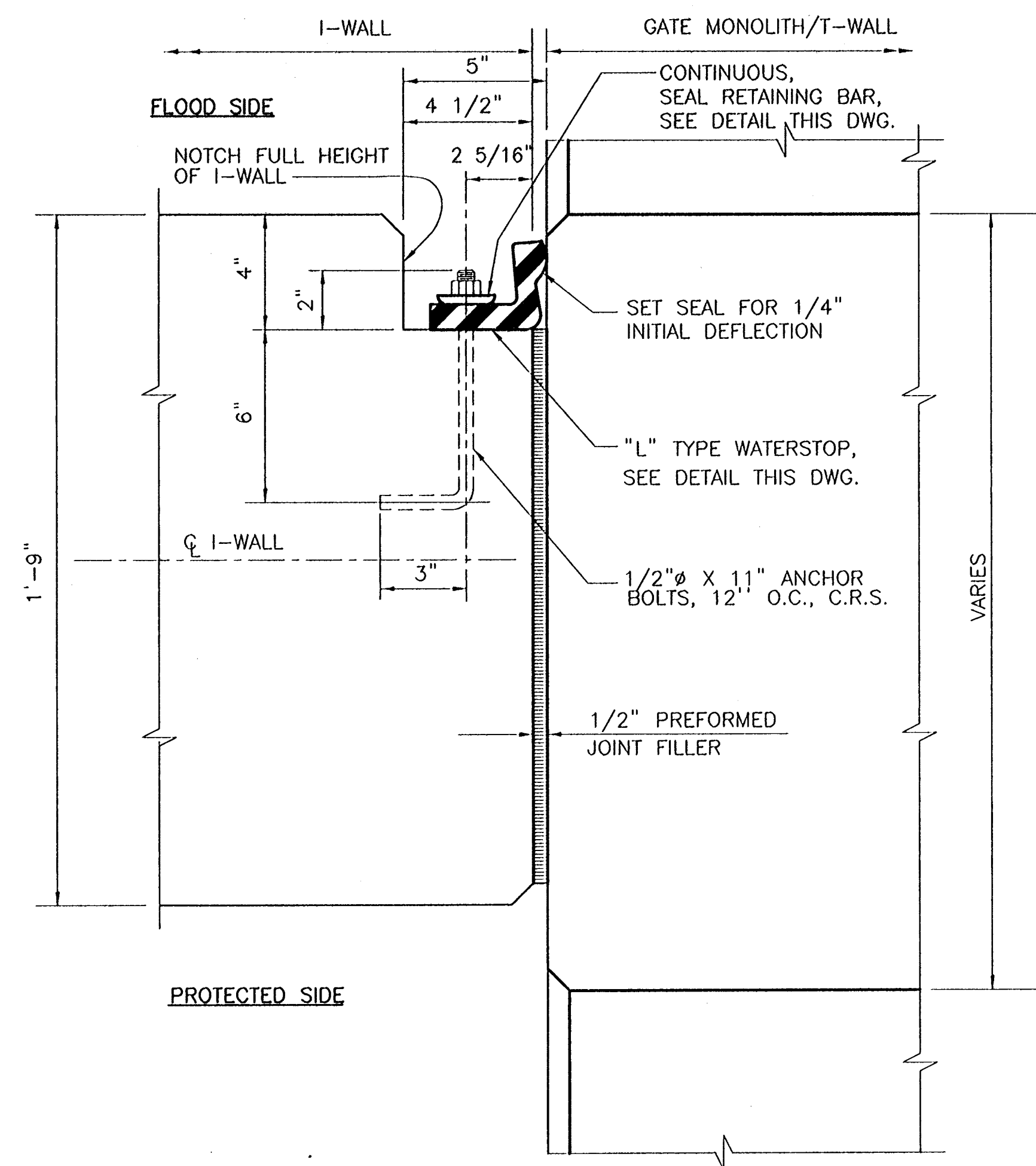
NOTE:
L-TYPE WATERSTOP NOT SHOWN FOR CLARITY.

NOTE:
SEE DWG. S9 FOR SHEETPILE CONNECTION DETAILS.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 89+82.36 I-WALL/T-WALL JOINT DETAILS	
DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.F.H. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-IWL3		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER TYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S7		REOF000303	

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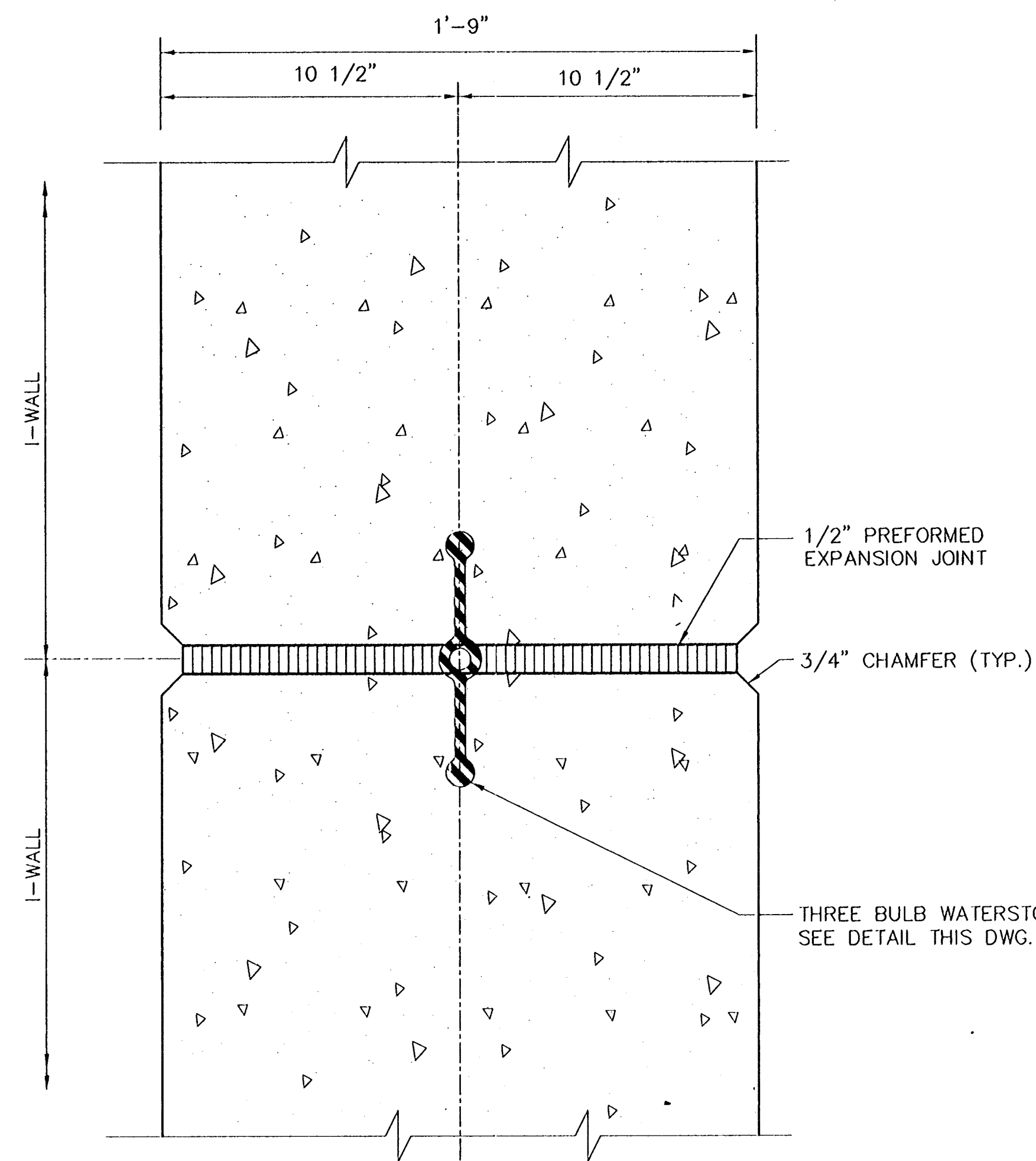
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PLAN

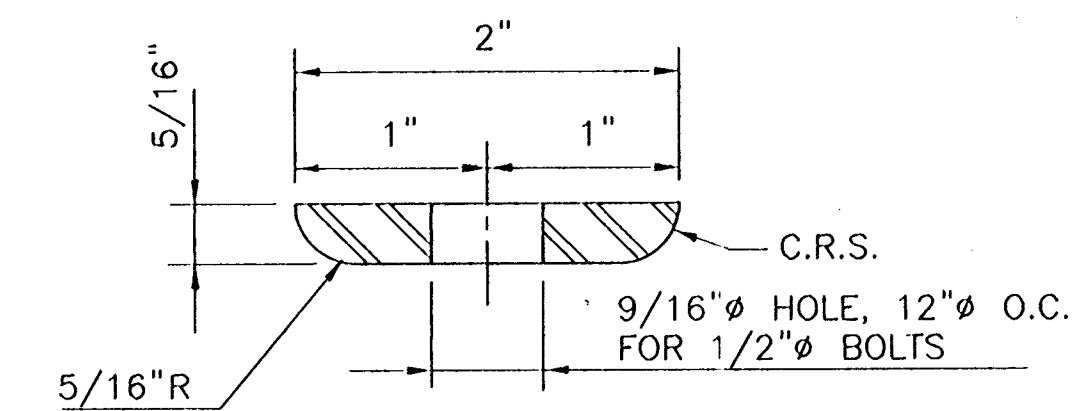
I-WALL TO GATE MONOLITH/T-WALL JOINT

SCALE: 3"=1'-0"



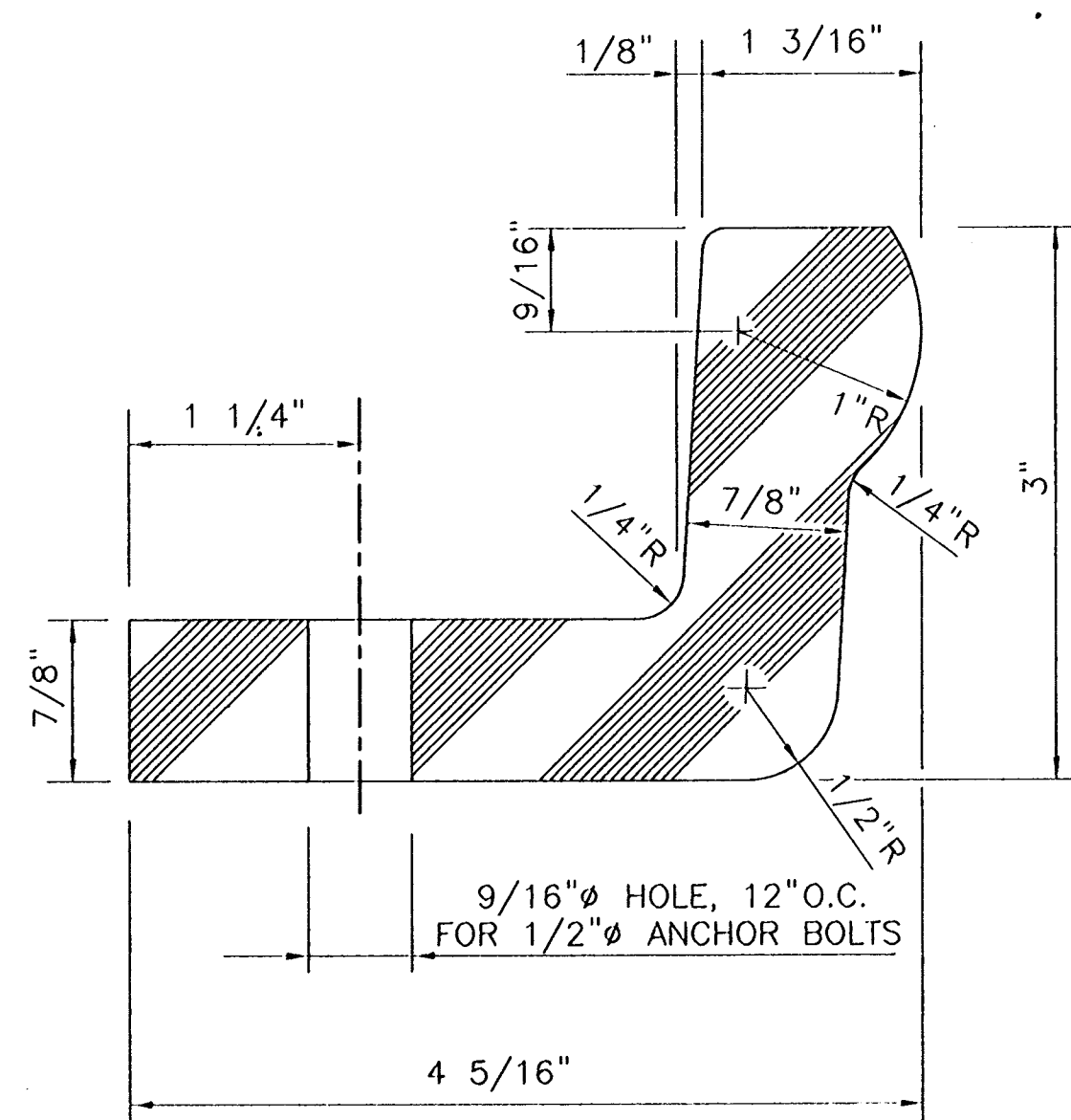
I-WALL TO I-WALL JOINT

SCALE: 3"=1'-0"



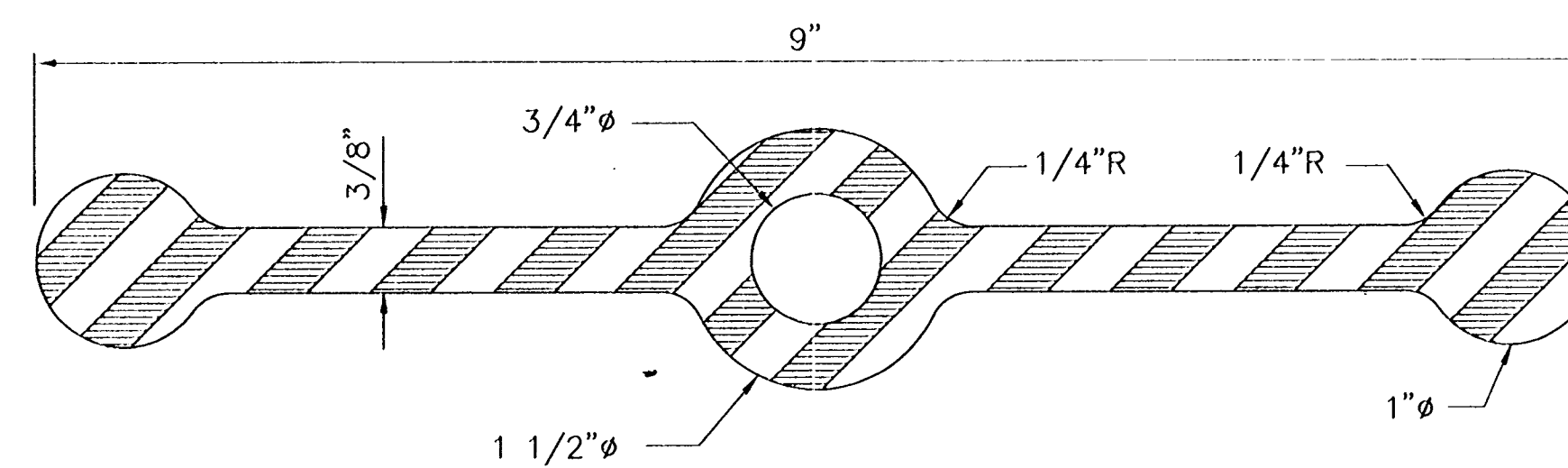
SEAL RETAINING BAR

SCALE: 1"=1"



"L" TYPE WATERSTOP

SCALE: 1"=1"



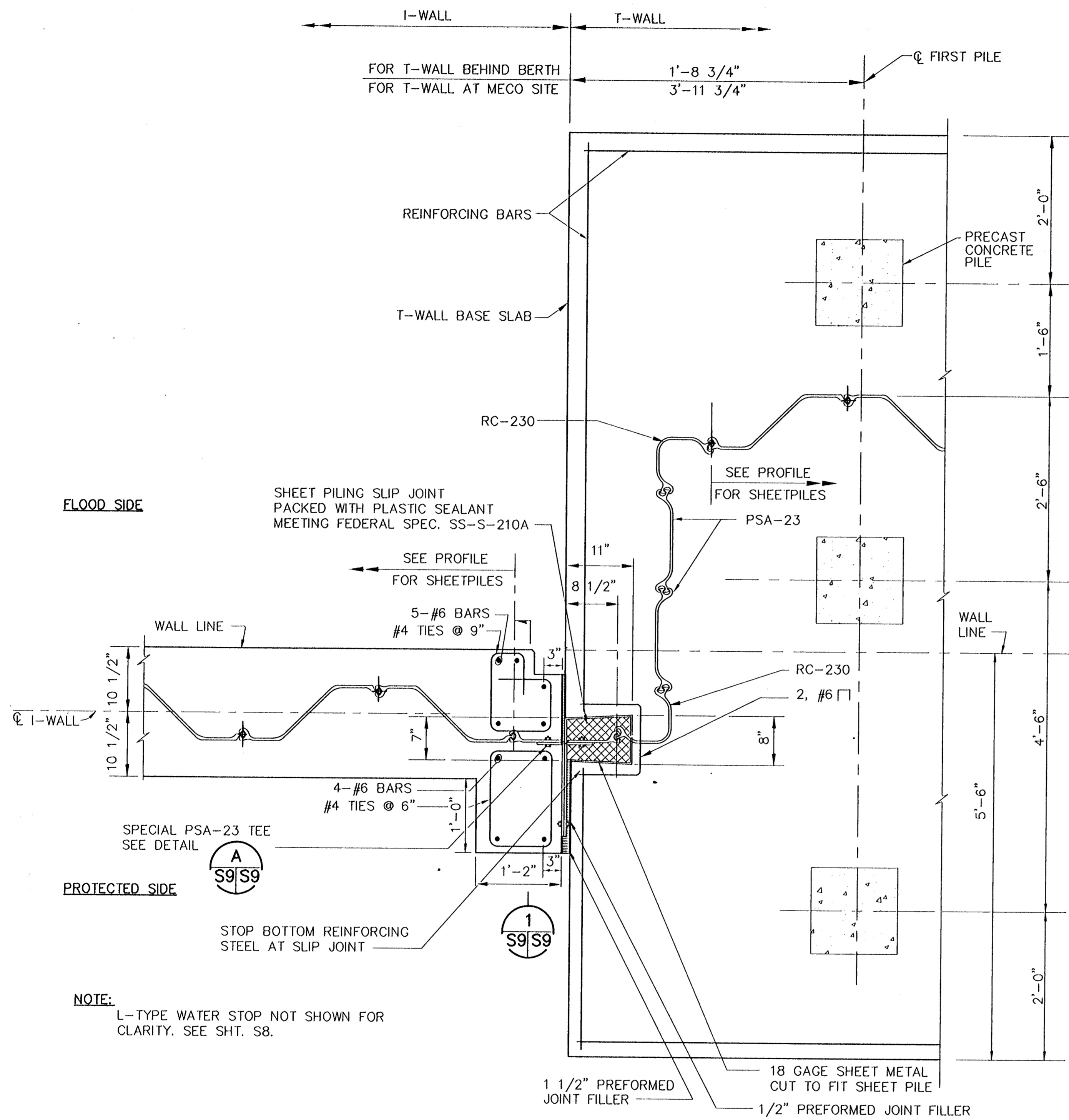
THREE BULB WATERSTOP

SCALE: 1"=1"

Jan 07, 1998 - 15:36:42 P&O FILE: G:\CAD\A00\A00-008\PROJ-303\STRUCT\DET-WSTP [Logon: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 WATER STOP DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-WSTP		RECOMMENDED APPROVED	
		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S8		REQ000303	



FLOOD SIDE

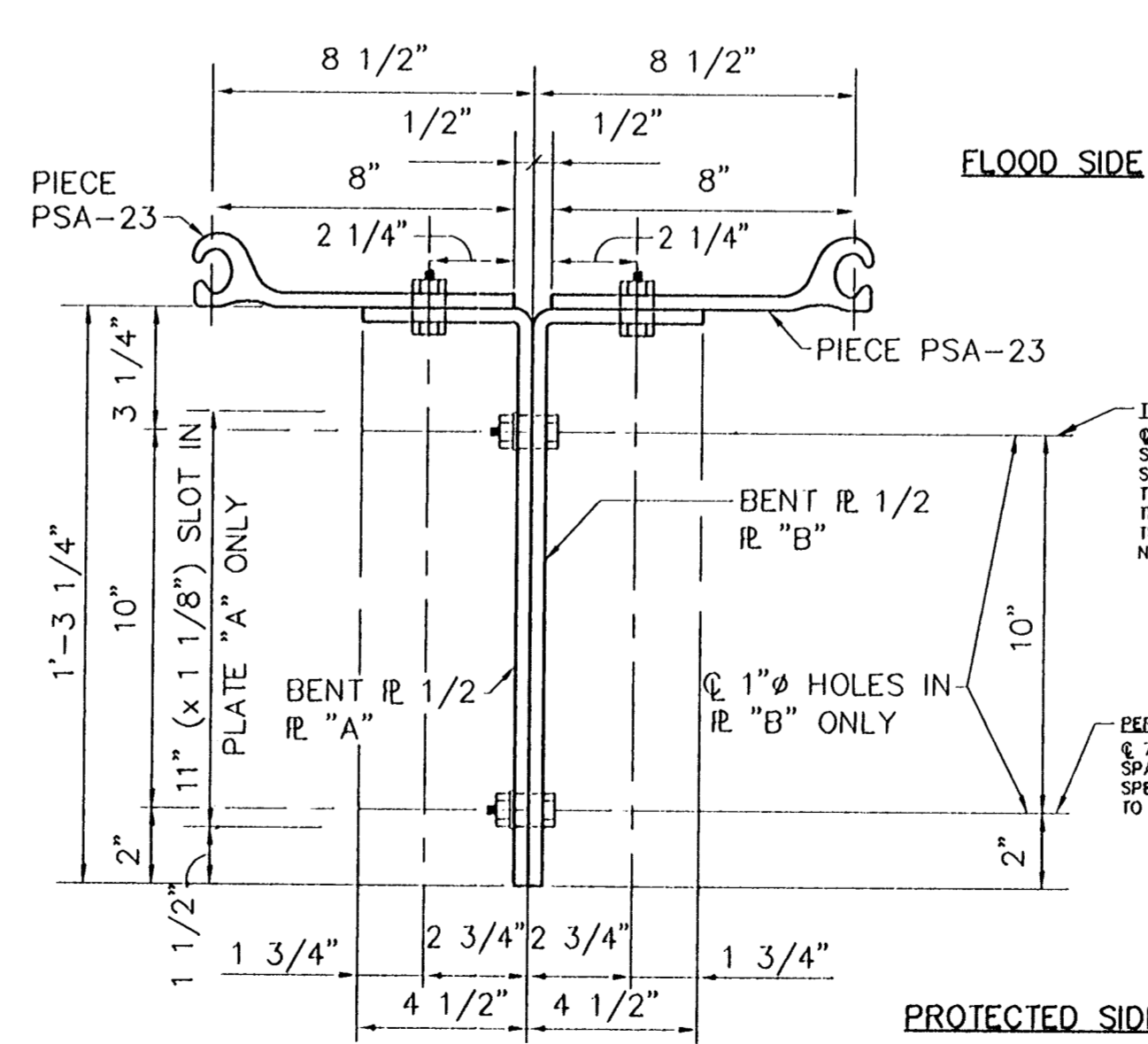
PROTECTED SIDE

SHEET PILING SLIP JOINT
PACKED WITH PLASTIC SEALANT
MEETING FEDERAL SPEC. SS-S-210A

STOP BOTTOM REINFORCING
STEEL AT SLIP JOINT

NOTE:
L-TYPE WATER STOP NOT SHOWN FOR
CLARITY. SEE SHT. S8.

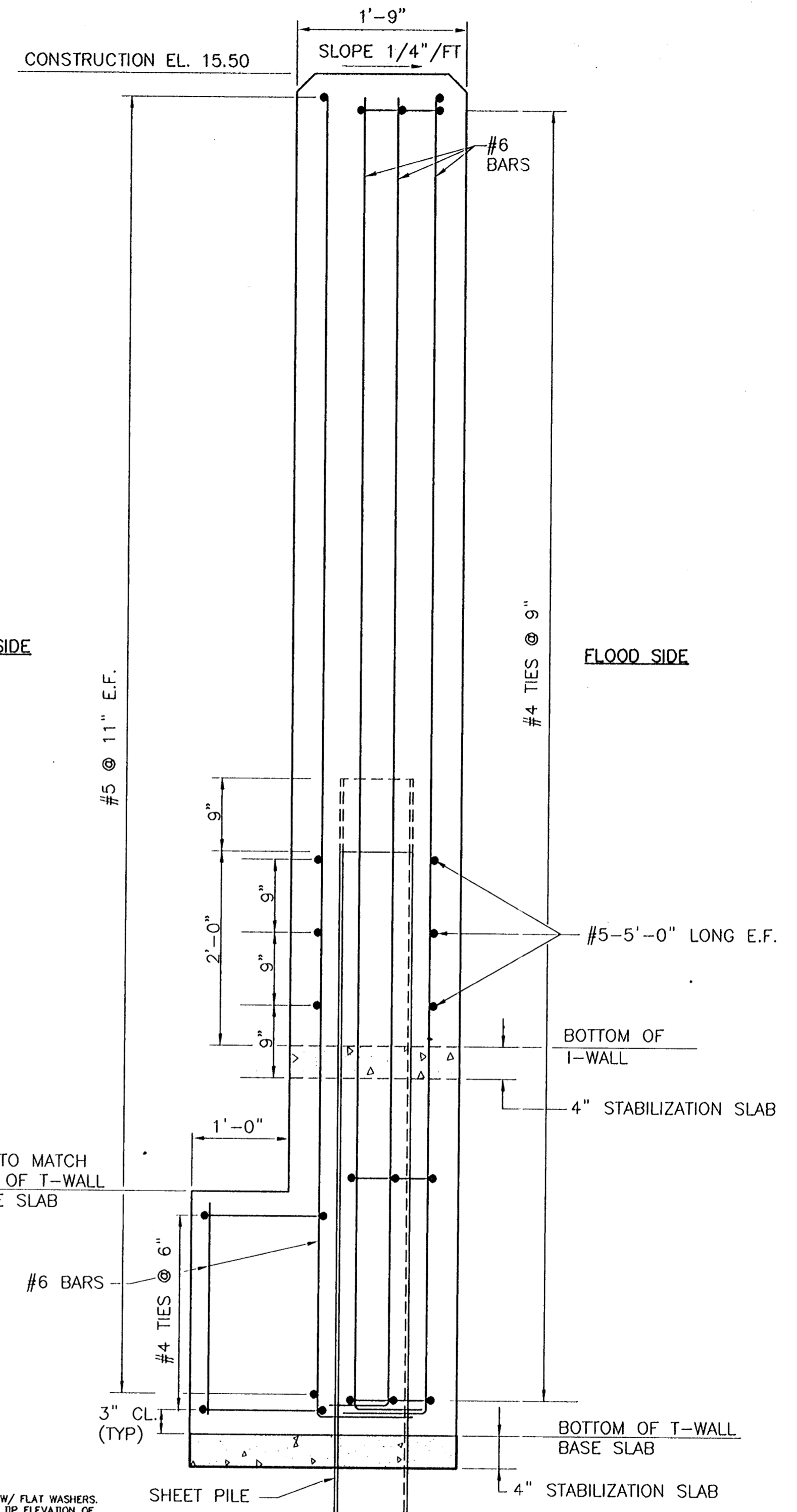
**TYPICAL SHEETPILE CONNECTION BETWEEN
I-WALL & T-WALL**
SCALE: 1"=1'-0"



FLOOD SIDE

PROTECTED SIDE

DETAIL
SCALE: 3"=1'-0"



CONSTRUCTION EL. 15.50

PROTECTED SIDE

FLOOD SIDE

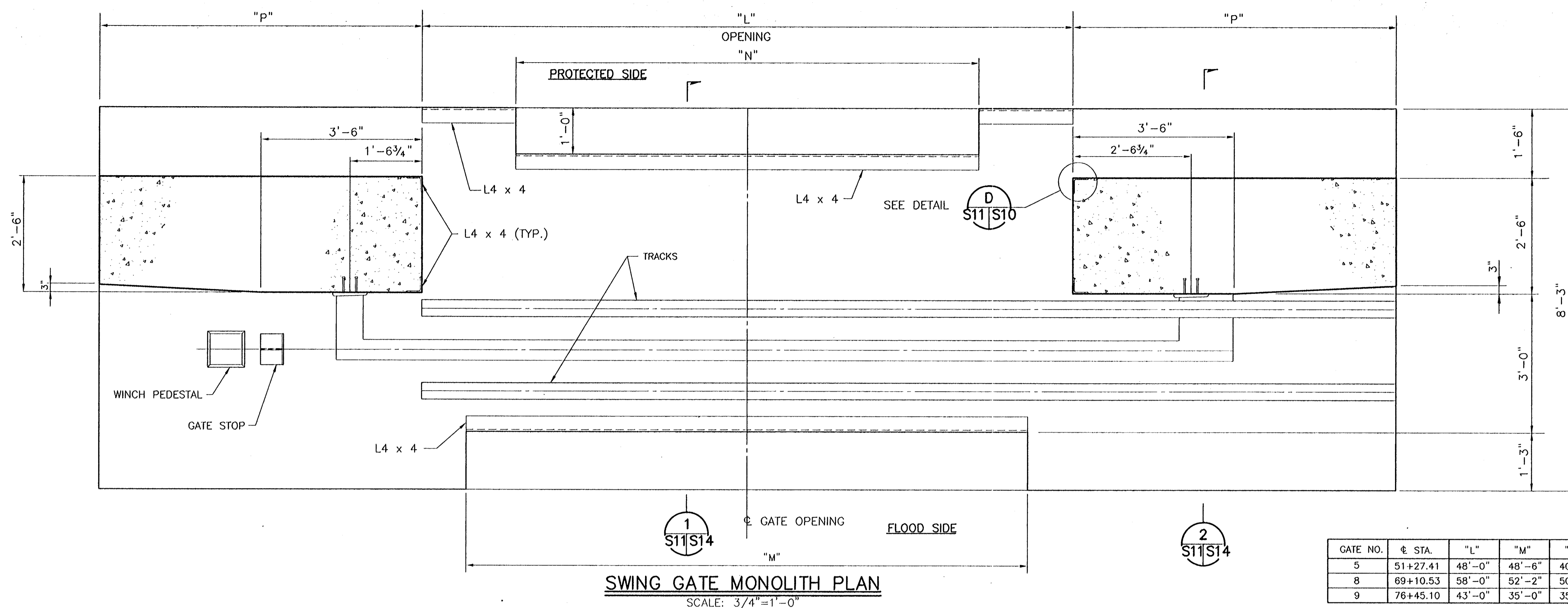
EL. TO MATCH
TOP OF T-WALL
BASE SLAB

SECTION 1
SCALE: 1"=1'-0"

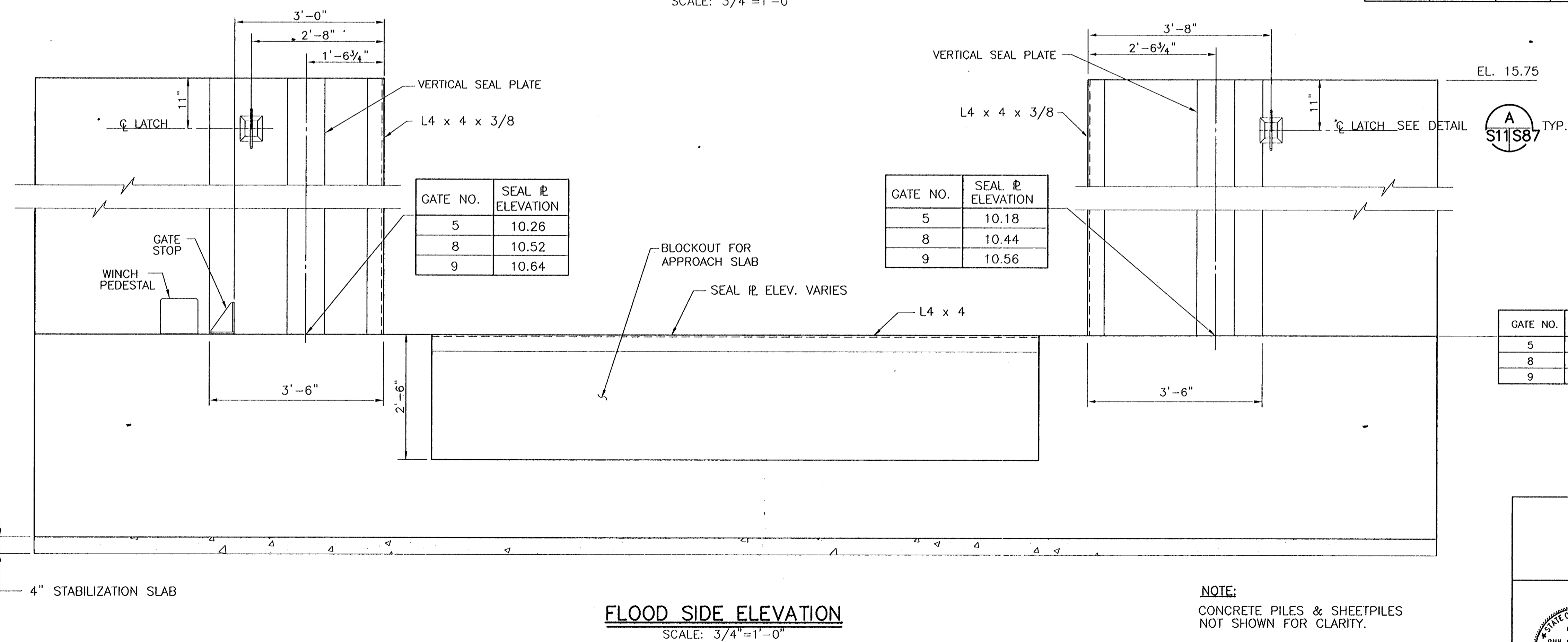
REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL—SOUTH STA. 35+13.01 TO STA. 88+62.36 FLOODWALL CONNECTION DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE AS SHOWN RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	
IDENTIFICATION NO. DET-SHCN		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S9		REF000303	

98-07-1998 - 14-42372 P&ID FILE: C:\G\ACAD\576-36-0005\PROJ\36-0005\STRUCTURE\DWG\503.DWG



GATE NO.	± STA.	"L"	"M"	"N"	"P"
5	51+27.41	48'-0"	48'-6"	40'-0"	7'-6"
8	69+10.53	58'-0"	52'-2"	50'-0"	7'-1"
9	76+45.10	43'-0"	35'-0"	35'-0"	7'-0"



GATE NO.	SEAL ± ELEVATION
5	10.26
8	10.52
9	10.64

GATE NO.	SEAL ± ELEVATION
5	10.18
8	10.44
9	10.56

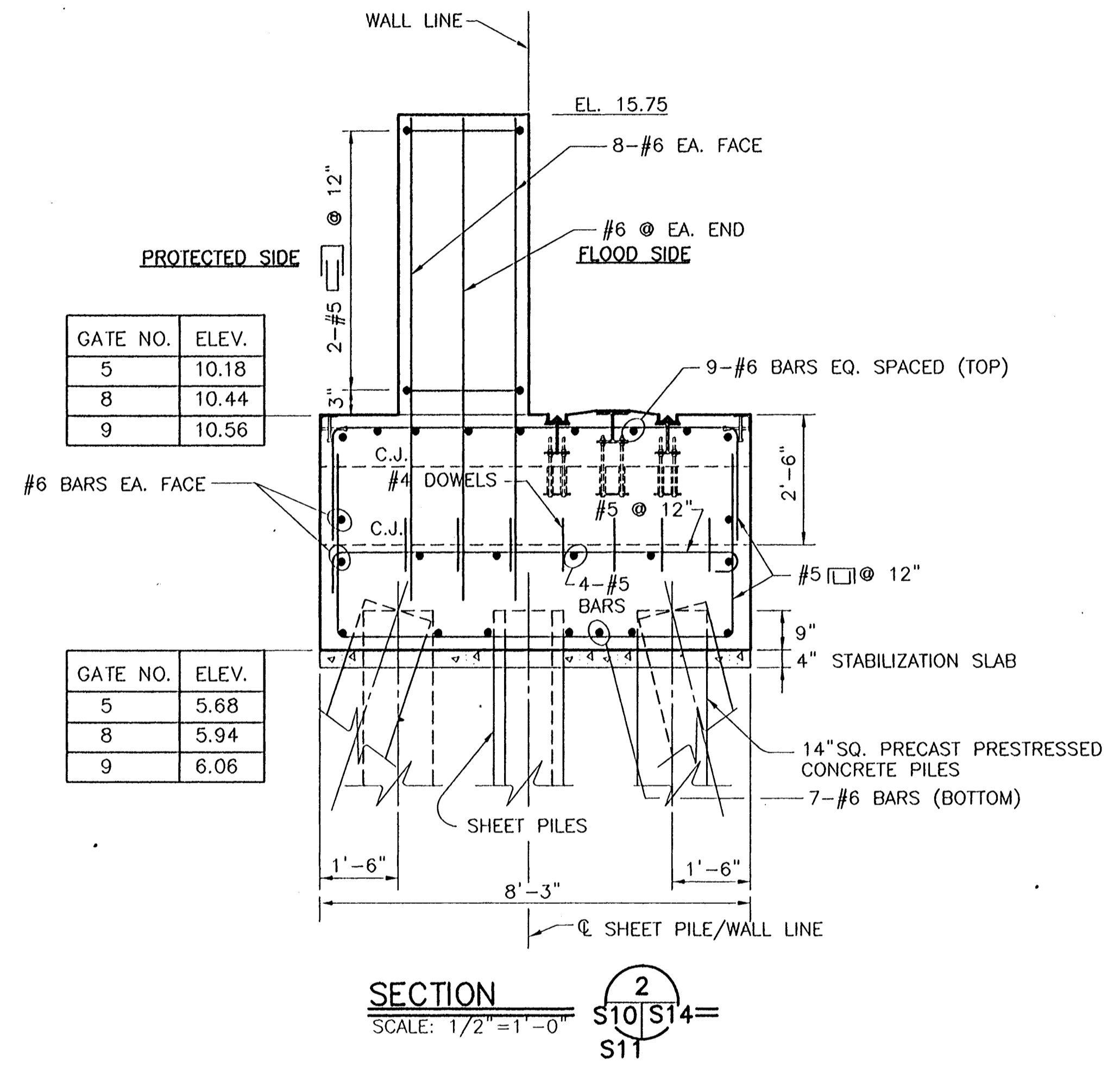
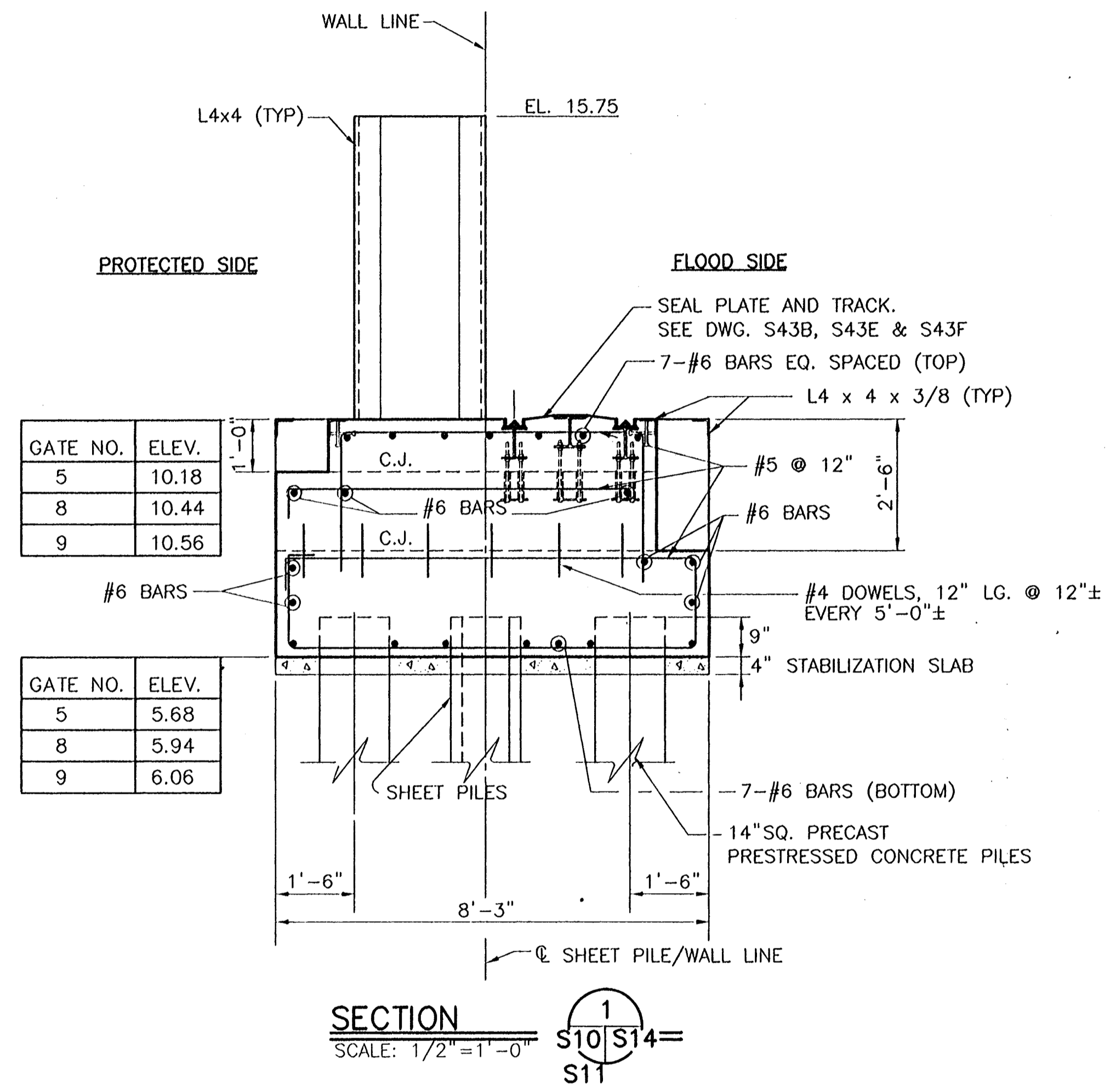
GATE NO.	TOP OF SILL ELEVATION
5	10.18
8	10.44
9	10.56

GATE NO.	ELEVATION
5	5.68
8	5.94
9	6.06

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NOS. 5, 8 & 9 MONOLITHS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	IDENTIFICATION NO. PAE-589	
WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S11		REVISIONS	

Jun 07, 1988 - 16:46:19: P&O FILE: G:\CAD\ACAD\304-006\PROJ-303\STRUCT\PAE-589 [Login: Davo]


REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
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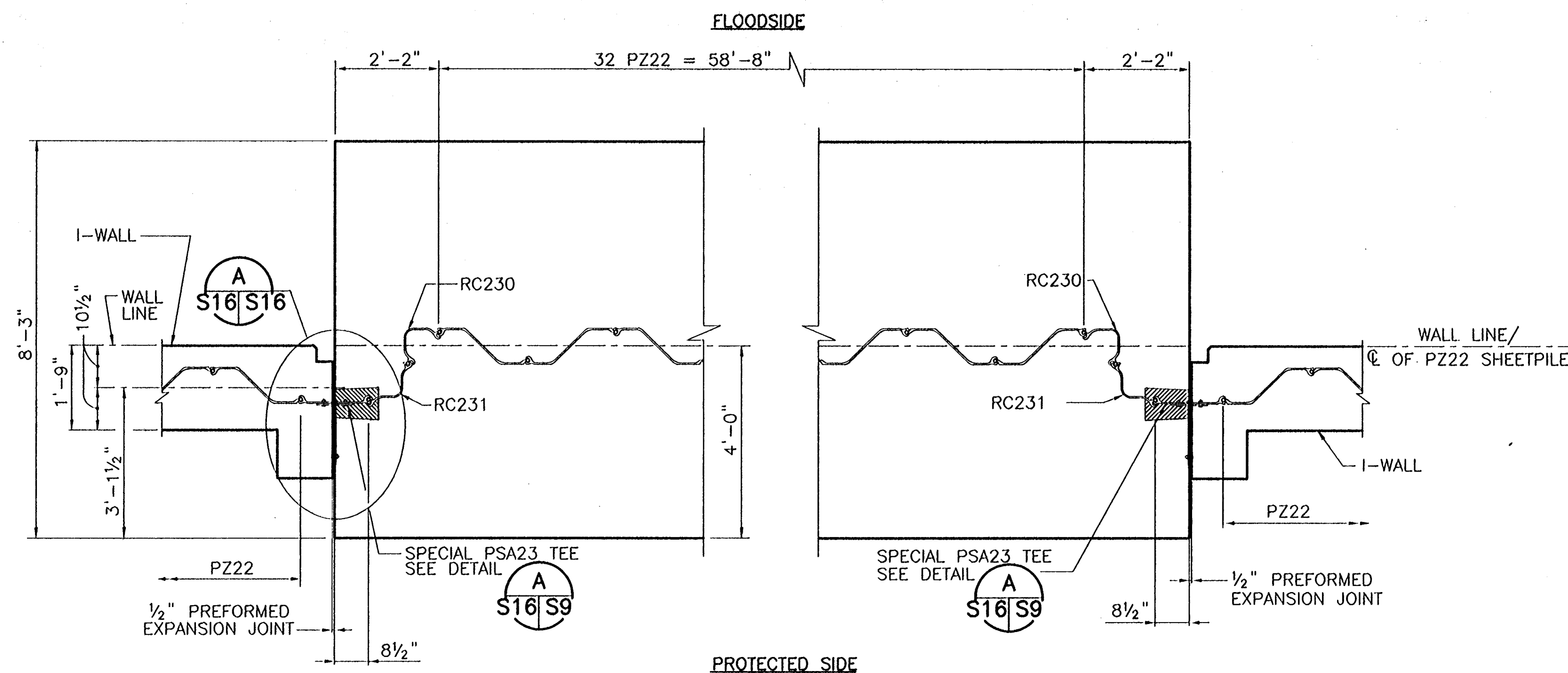
SHEETPILE NOTES:
 TIP EL. -28.0 FOR GATE 5
 TIP EL. -16.5 FOR GATE 8
 TIP EL. -16.5 FOR GATE 9

Jan 07, 1998 - 16:51:24 [P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\SEC-589] [Login: Dave]

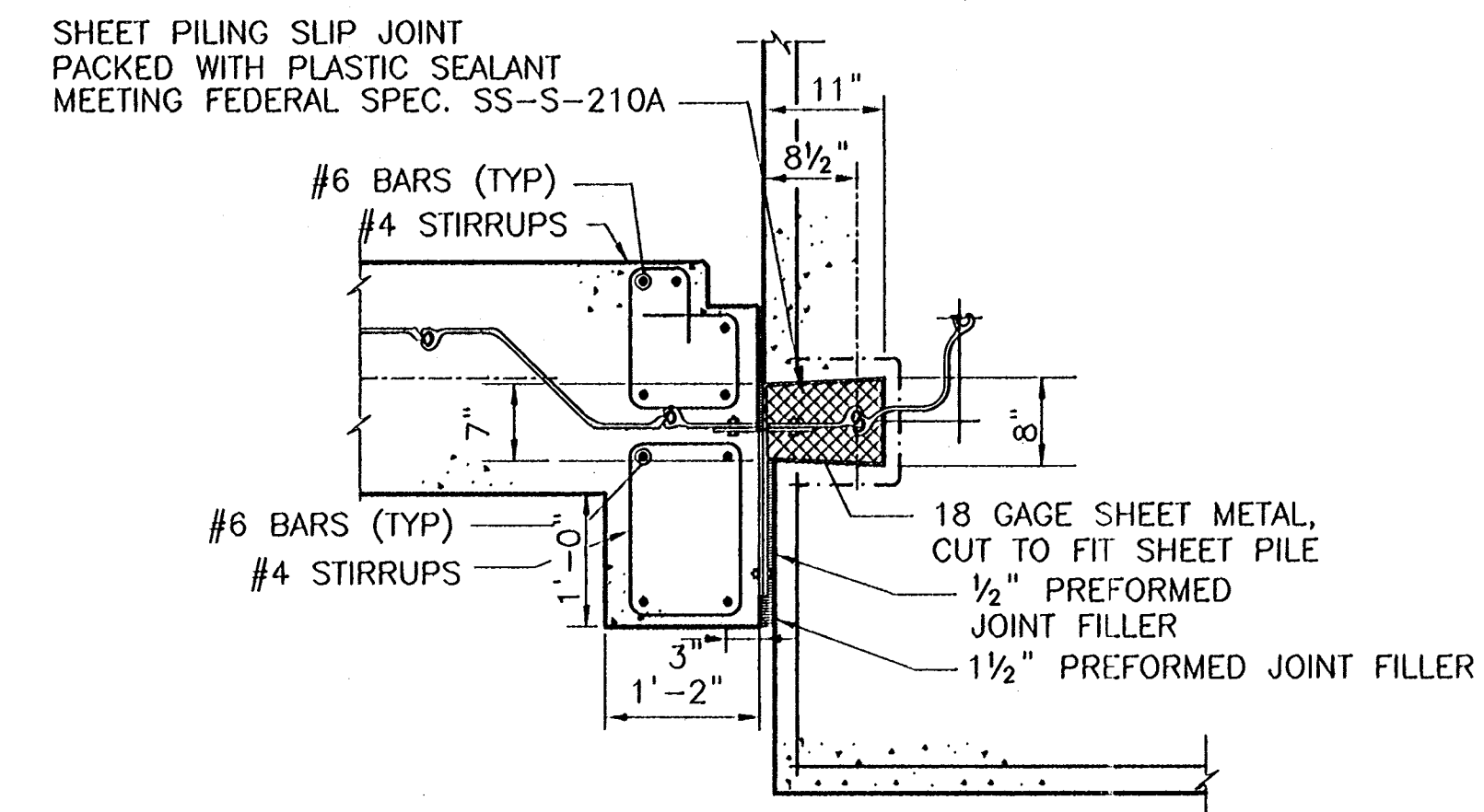
REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NOS. 5, 8, & 9 MONOLITH SECTIONS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		SCALE 1/2" = 1'-0" DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. SEC-589		RECOMMENDED APPROVED WILIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
		DWG. NO. M11-7008-S14 REQP000303	

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	56



SHEET PILE LAYOUT FOR GATE NO. 5
SCALE: 1/2" = 1'-0"



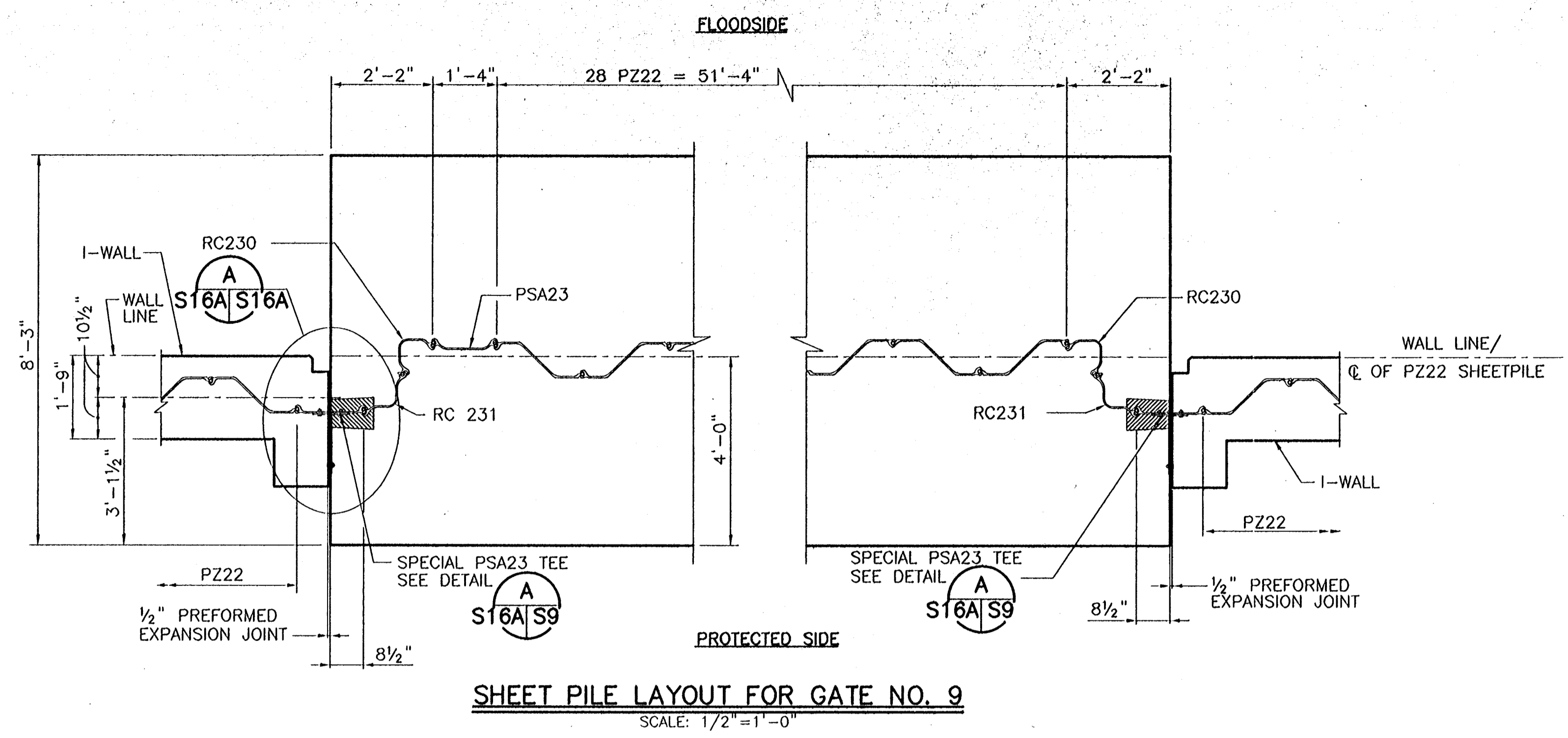
DETAIL A
N.T.S. S16/S16

Jan 07, 1998 - 16:54:42 P.M. FILE: C:\CADD\1500\504-000\PROJ-303\STRUCT\B565E1 [Login: Dave]

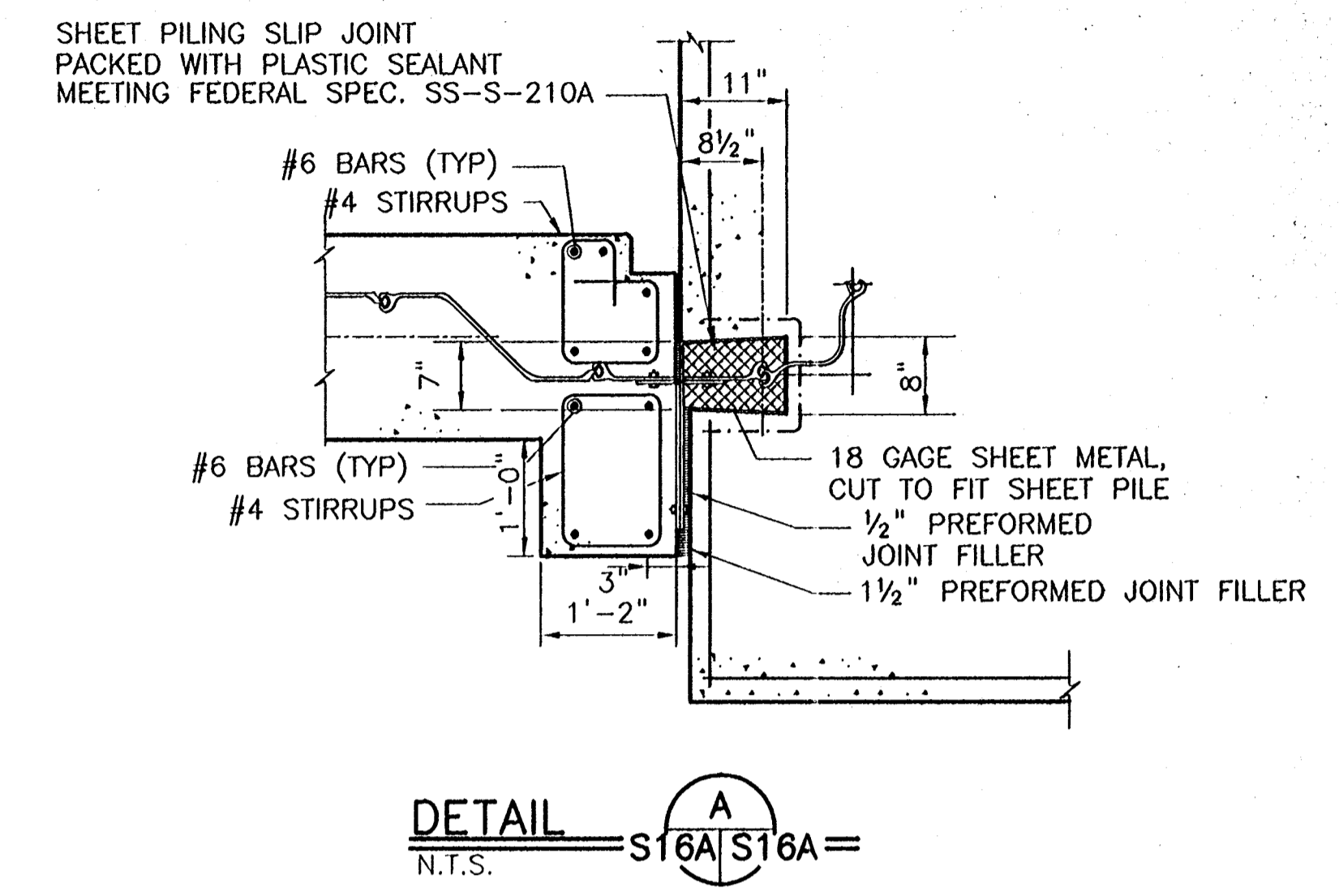
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
7			6			5			4			3			2			1		

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NOS. 3 & 5 SHEET PILE LAYOUT	
	DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE: AS SHOWN IDENTIFICATION NO. SH35DET
WILLIAM B. CROUHAIRE, P.E. PROJECT ENGINEERING MANAGER		RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S16		REG000303	

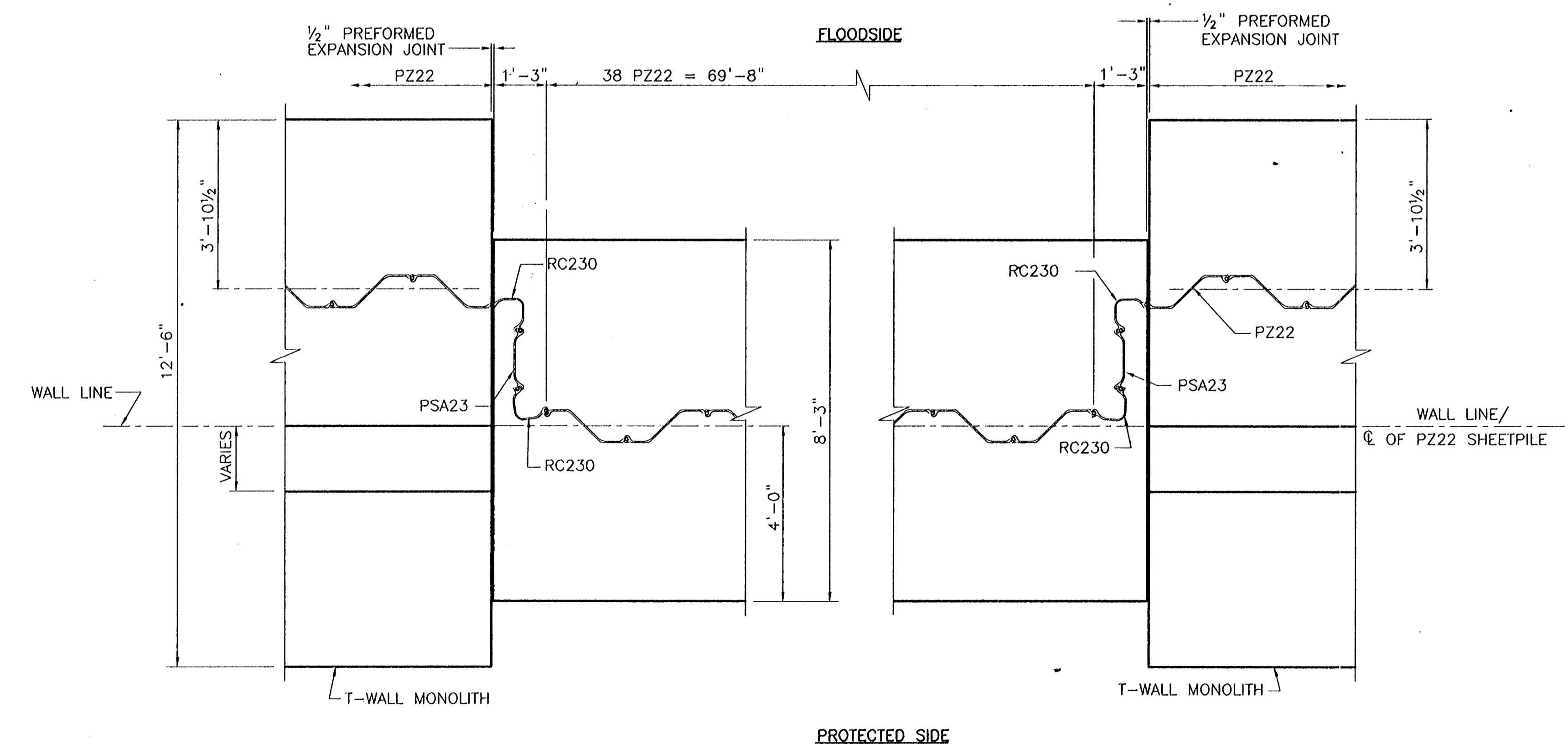
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	57



SHEET PILE LAYOUT FOR GATE NO. 9
SCALE: 1/2"=1'-0"



DETAIL A
S16A/S16A=
N.T.S.

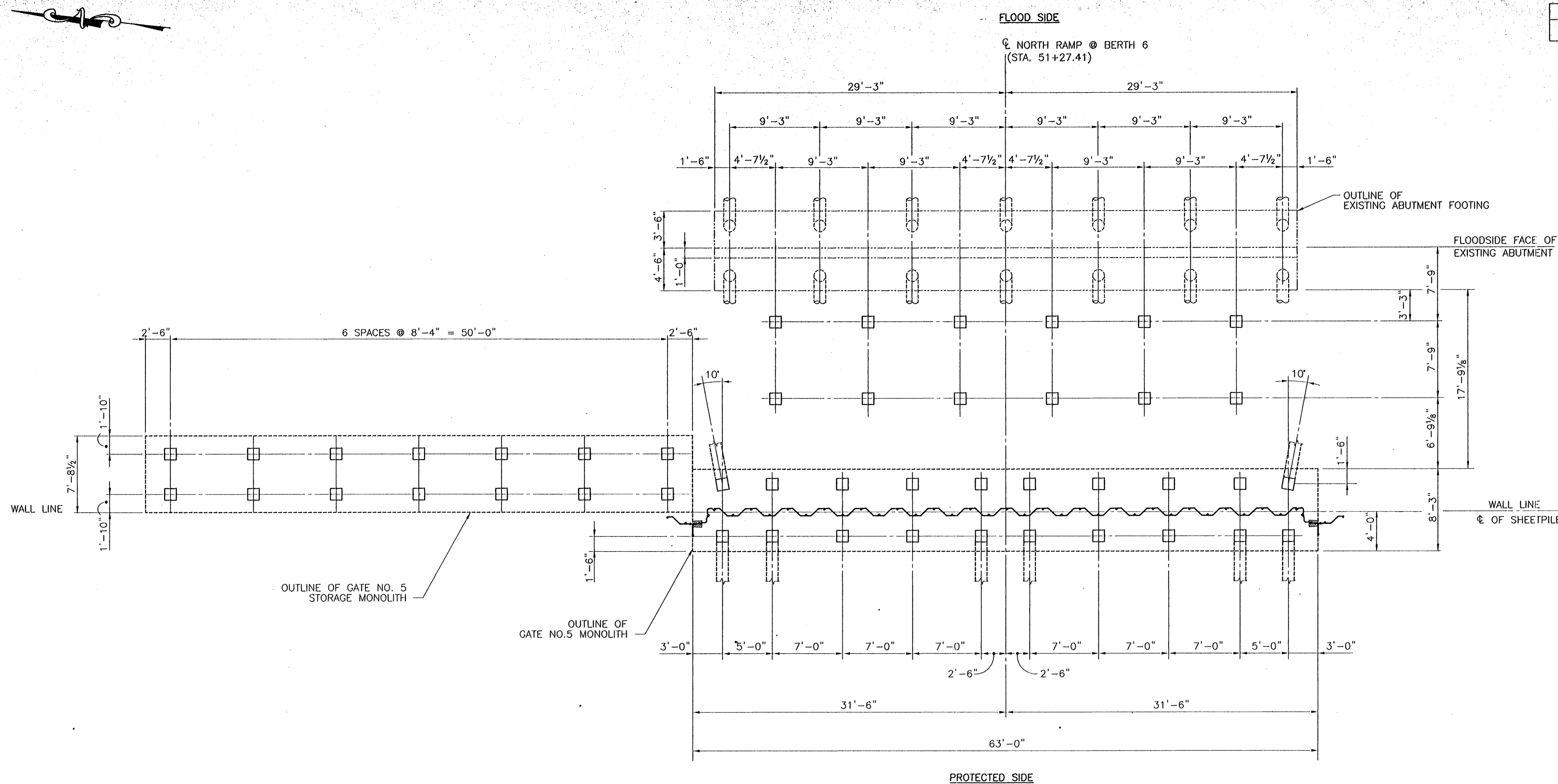


SHEET PILE LAYOUT FOR GATE NO. 8
SCALE: 1/2"=1'-0"

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 89+62.36 GATE NOS. 8 & 9 SHEET PILE LAYOUT	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. SH89DET		WILLIAM D. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER WYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S16A		REG0000303	

Jan 08, 1998 - 07:28:18 PM FILE: G:\CAD\VCAD\504-08\PROJ-303\STRUCT\SH89DET.dwg [Login: D:\ac]

REV. 1	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE
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PILING PLAN AT GATE NO. 5
SCALE: 3/16"=1'-0"

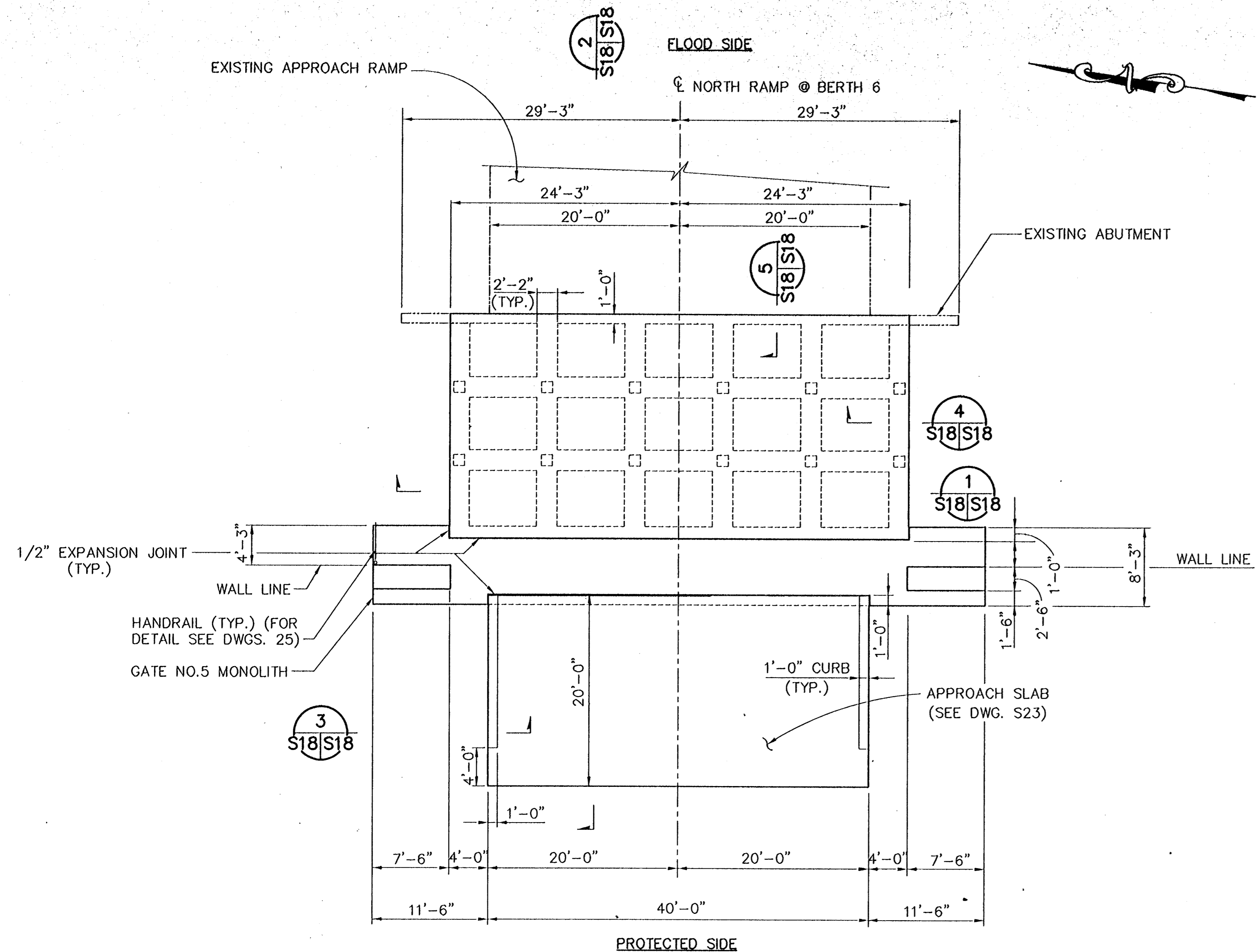
- LEGEND**
- 14" SQ. PRECAST PRESTRESSED CONCRETE VERTICAL PILE
 - 14" SQ. PRECAST PRESTRESSED CONCRETE BATTER PILE @ 3V:1H, UNLESS NOTED OTHERWISE
 - EXISTING PIPE PILE

- NOTES:**
- 14" SQ. PRECAST PRESTRESSED CONCRETE PILES: TIP EL. -78.50
 - PILOT HOLES FOR THE 14" PRECAST PRESTRESSED CONCRETE PILES SHALL BE PREPUNCHED WITH A STEEL MANDREL NO GREATER THAN 11" IN DIAMETER AND TO A MAXIMUM DEPTH OF 24 FEET.
 - CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND EXISTING PILE SIZES.

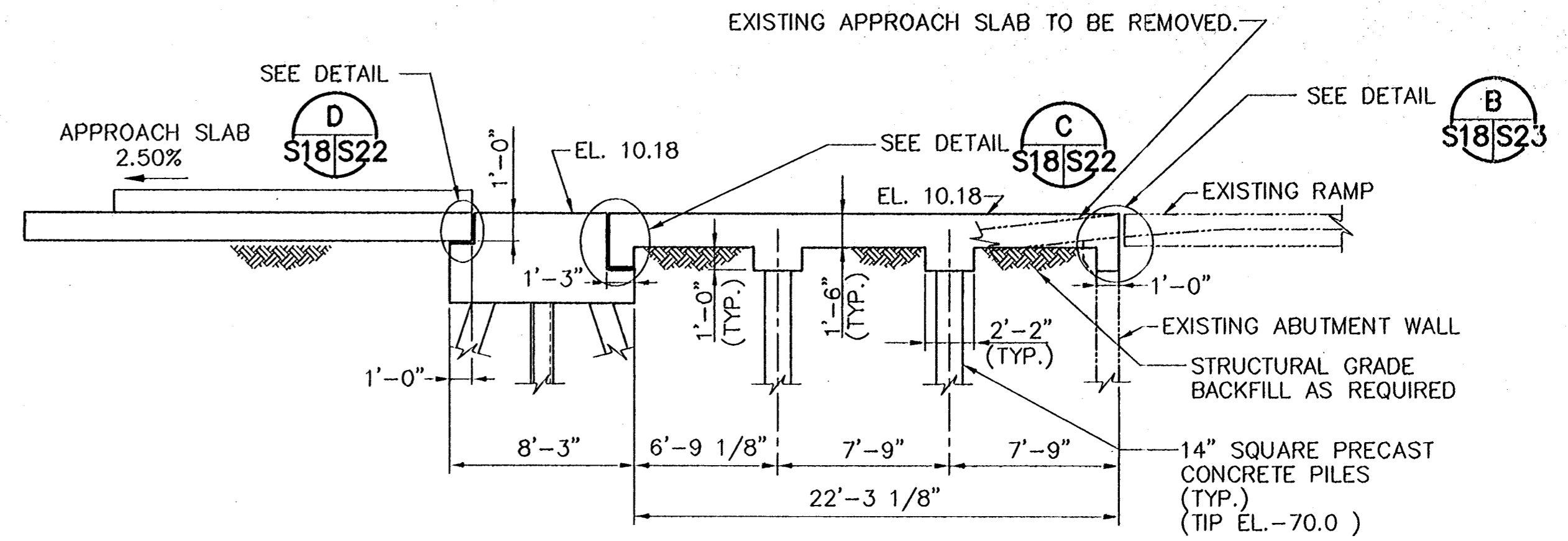
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REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
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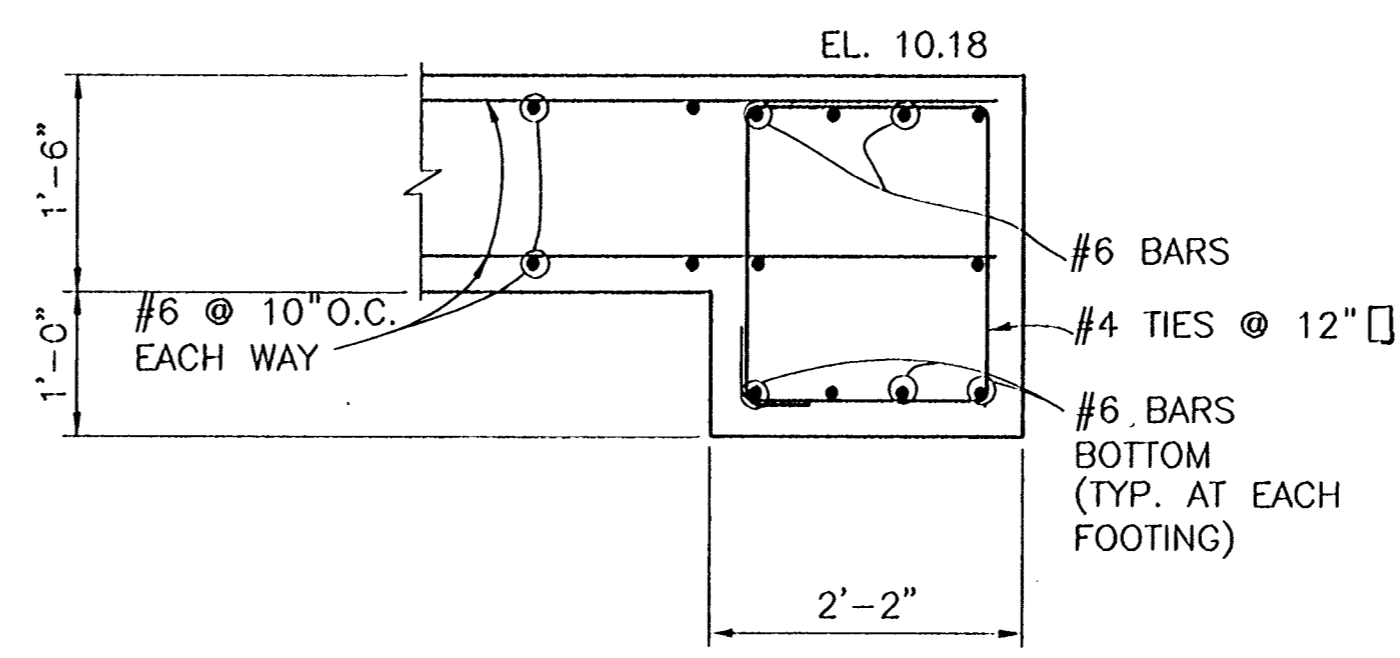
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 FLOODGATE PILE PLAN AT GATE NO. 5	
DESIGNED <u>J.M.R.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. GATES		RECOMMENDED WILLIAM B. CHAMBERLAIN, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S17A		REQ#000J03	



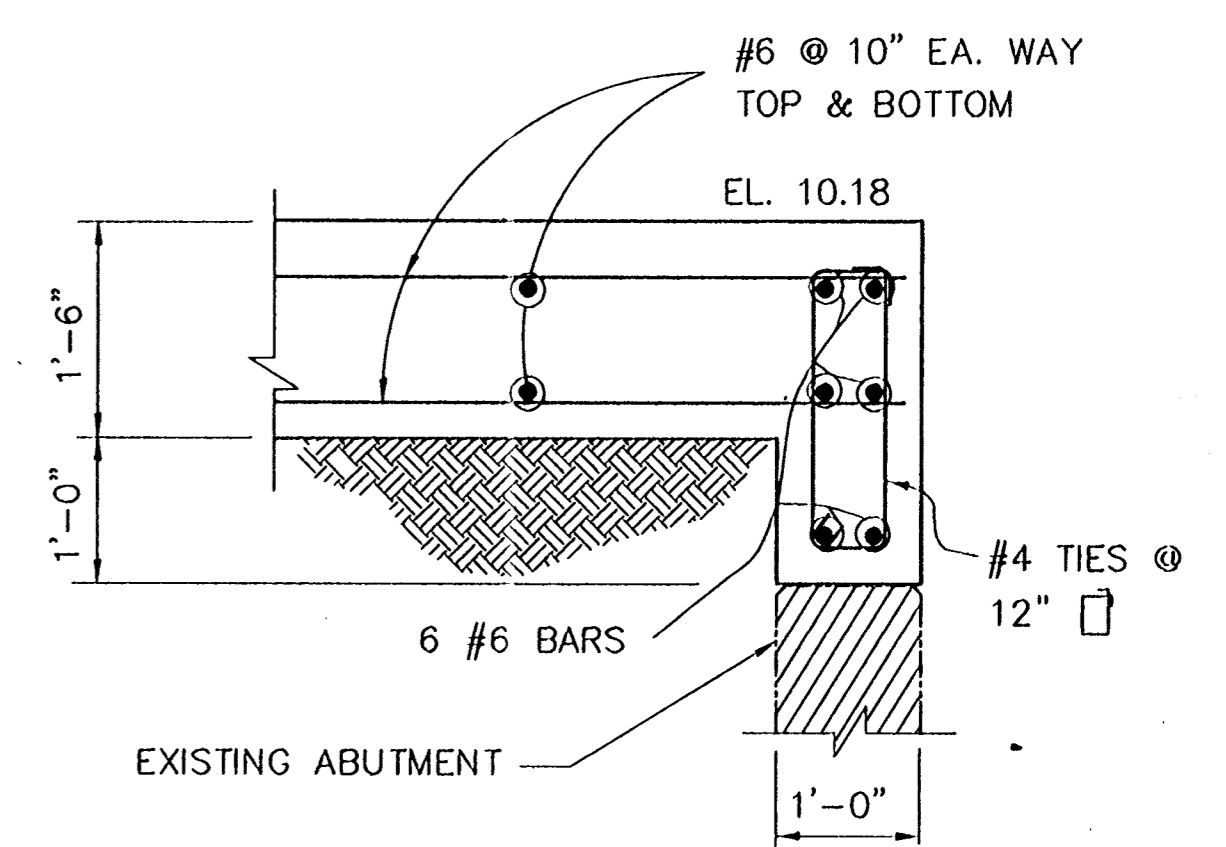
GATE NO. 5 GENERAL ARRANGEMENT
1/8"=1'-0"



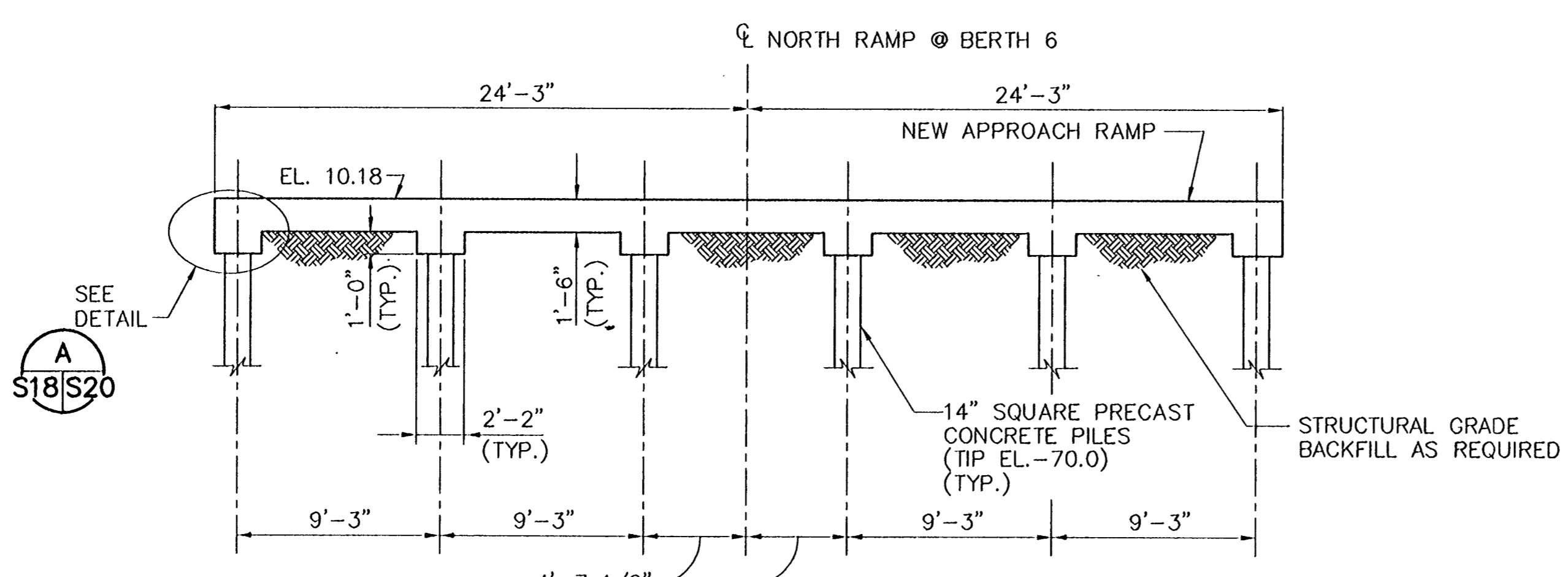
SECTION 2
SCALE: 3/16"=1'-0"



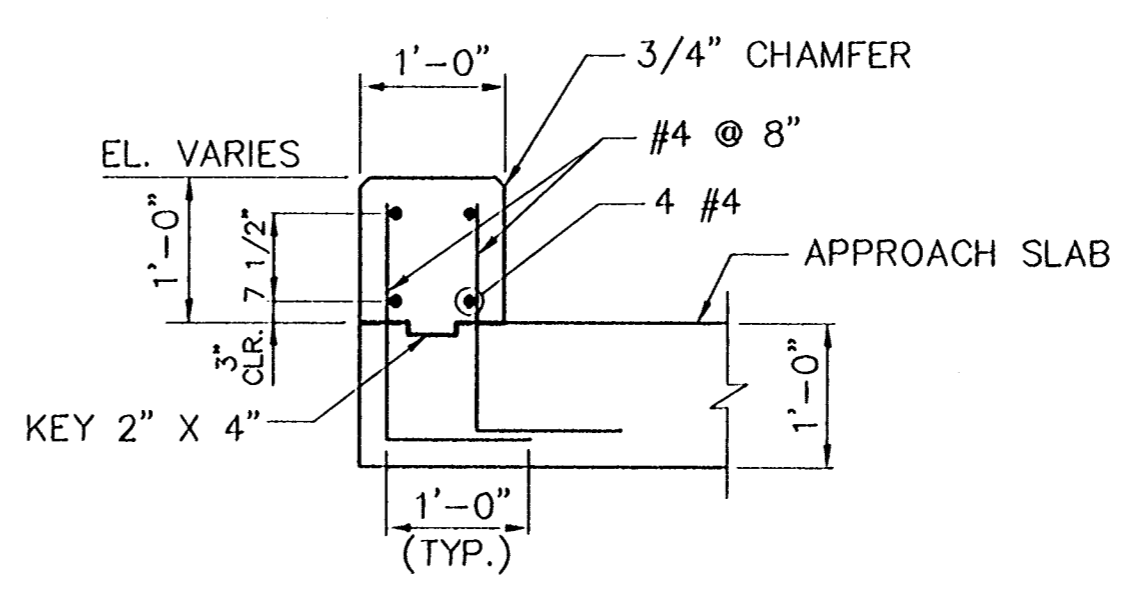
SECTION 4
SCALE: 3/4"=1'-0"



SECTION 5
SCALE: 3/4"=1'-0"



SECTION 1
SCALE: 3/16"=1'-0"



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

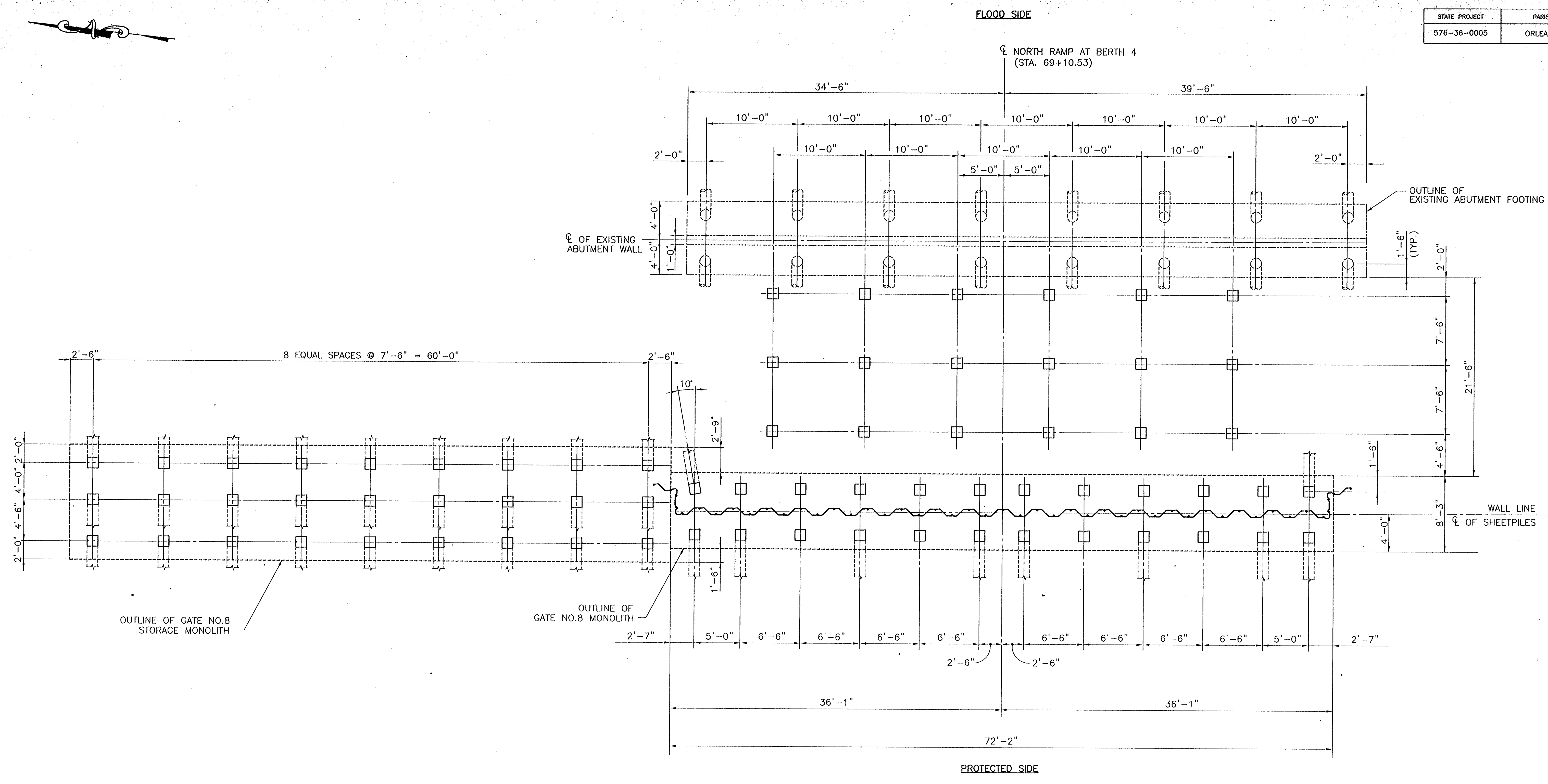
Jun 08, 1988 - 07:38:16 P&G FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\PLANS [Login: Dovo]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NO.5 STRUCTURAL ARRANGEMENT	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED E.S.G.	DATE JAN. 14, 1988 DRAWN J.M.R. SUBMITTED BY R.S.G. PROJECT ENGINEER	SCALE 3/16"=1'-0" IDENTIFICATION NO. PLANS	RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWD. NO. M11-7008-S18		REG#000303	



STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	60



PILING PLAN AT GATE NO. 8

SCALE: 3/16" = 1'-0"

LEGEND

- 14" SQ. PRECAST PRESTRESSED CONCRETE VERTICAL PILE
- 14" SQ. PRECAST PRESTRESSED CONCRETE BATTER PILE @ 3V:1H, UNLESS NOTED
- EXISTING PIPE PILES

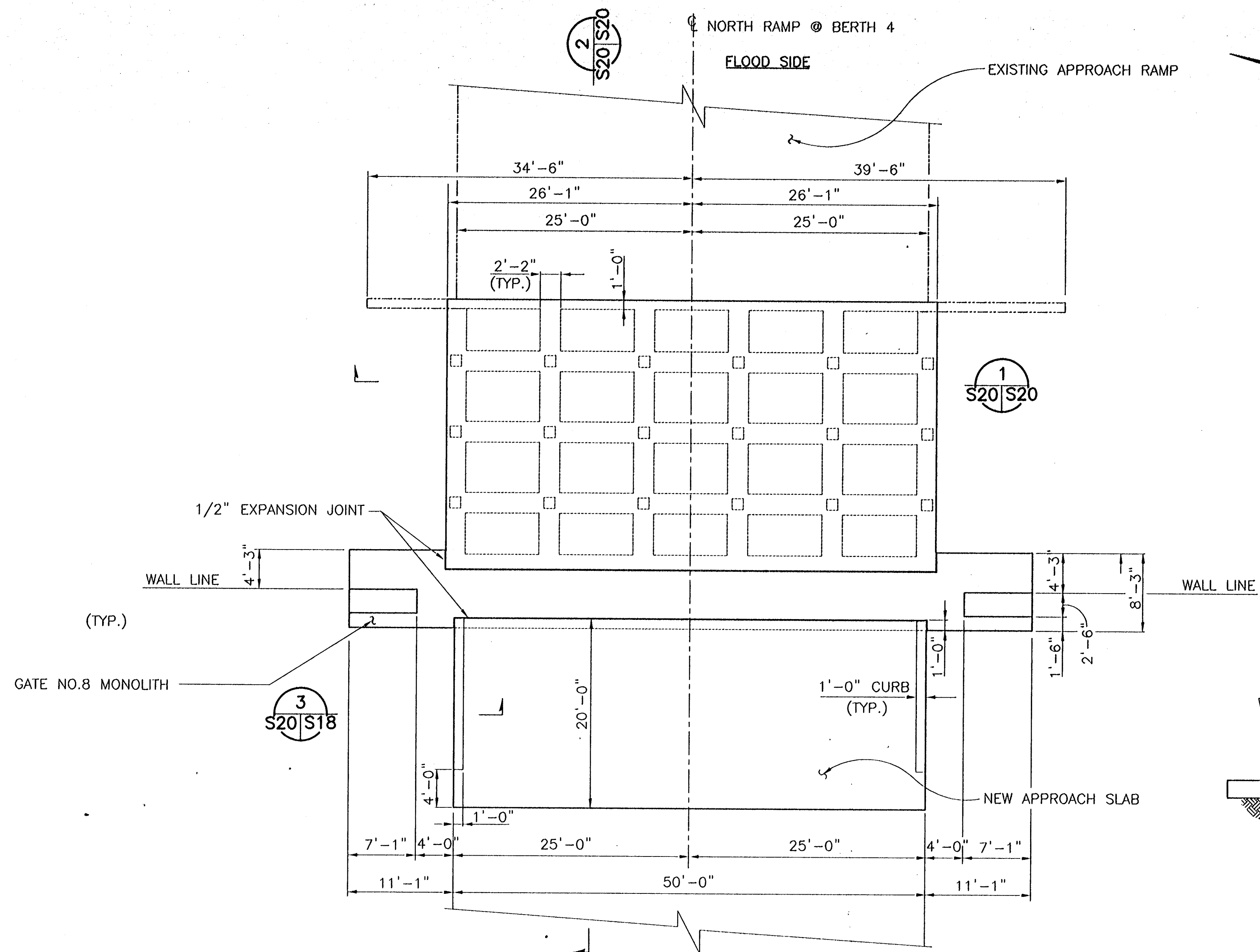
NOTES:

1. 14" SQ. PRECAST PRESTRESSED CONCRETE PILES: TIP EL. -82.00
2. PILOT HOLES FOR THE 14" SQ. PRECAST PRESTRESSED CONCRETE PILES SHALL BE PREPUNCHED WITH A STEEL MANDREL NO GREATER THAN 11" IN DIAMETER AND TO A MAXIMUM DEPTH OF 24 FEET.
3. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND EXISTING PILE SIZES.

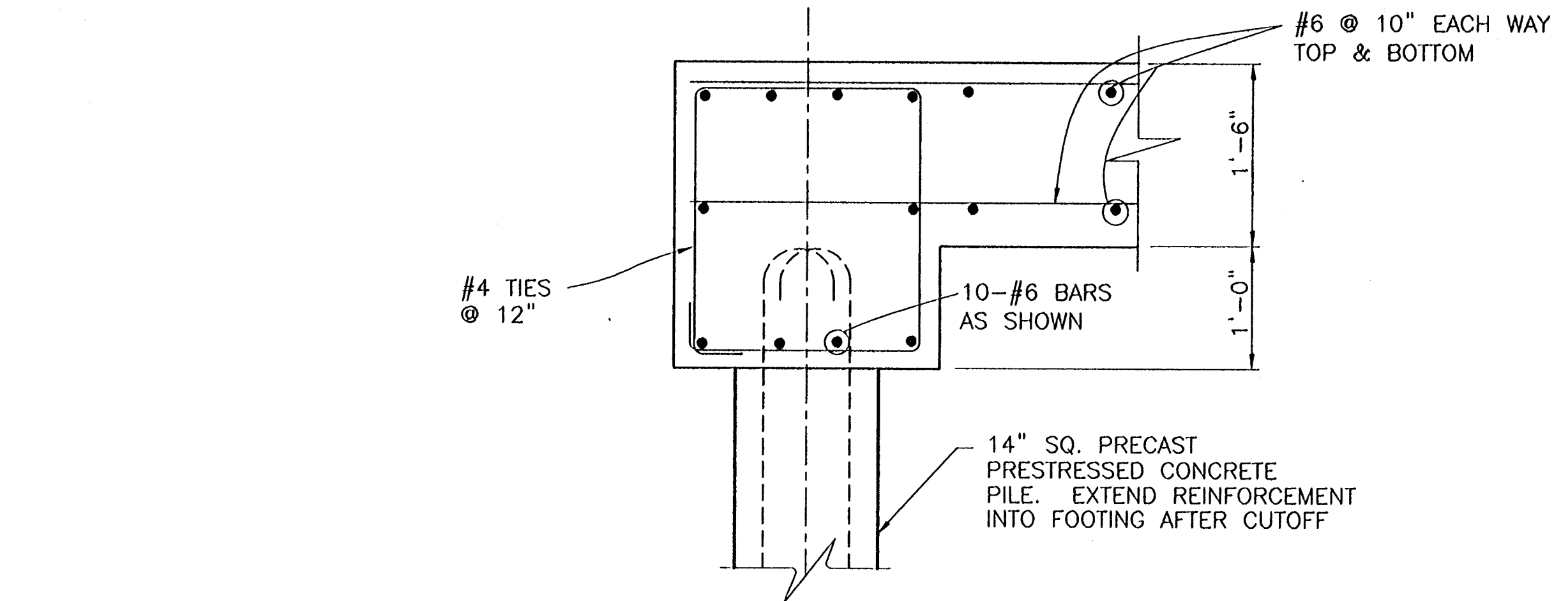
JAN 08, 1998 - 07:47:45 P&O FILE: G:\CAD\ACAD\504-008\PROJ-300\STRUCT\GATE8A [Login: Dave]

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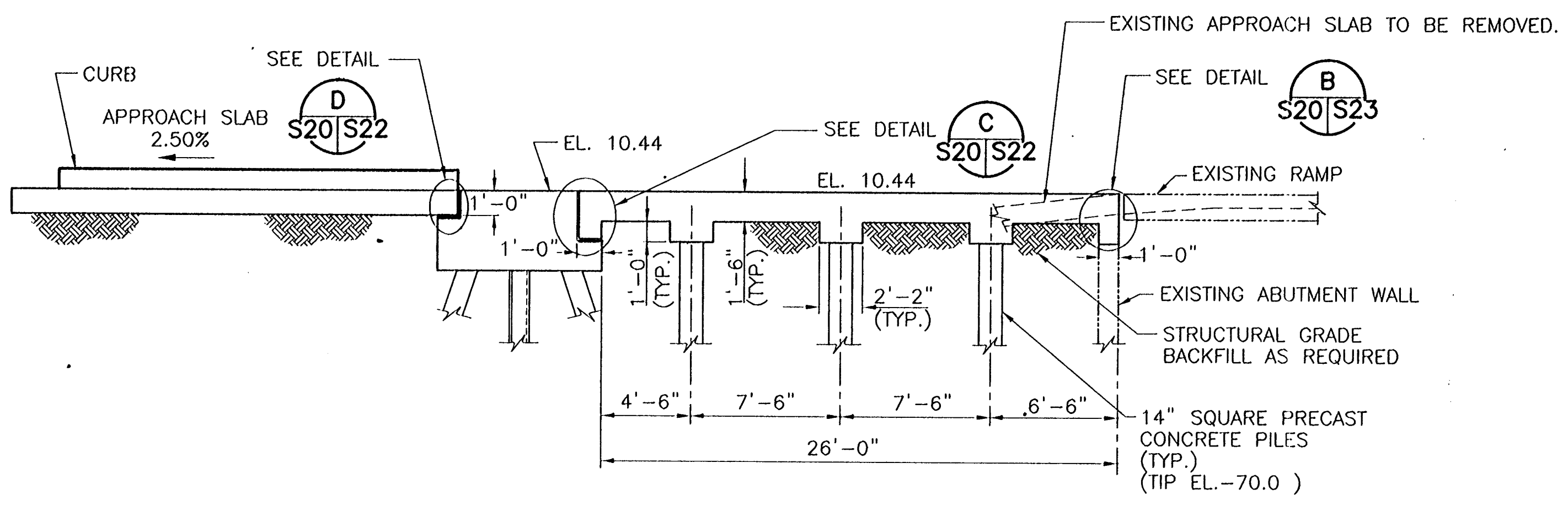
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 FLOODGATE PILE PLAN AT GATE NO. 8	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>3/16" = 1'-0"</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u>	IDENTIFICATION NO. GATE8A
		RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	
DWG. NO. M11-7008-S19		RECF000033	



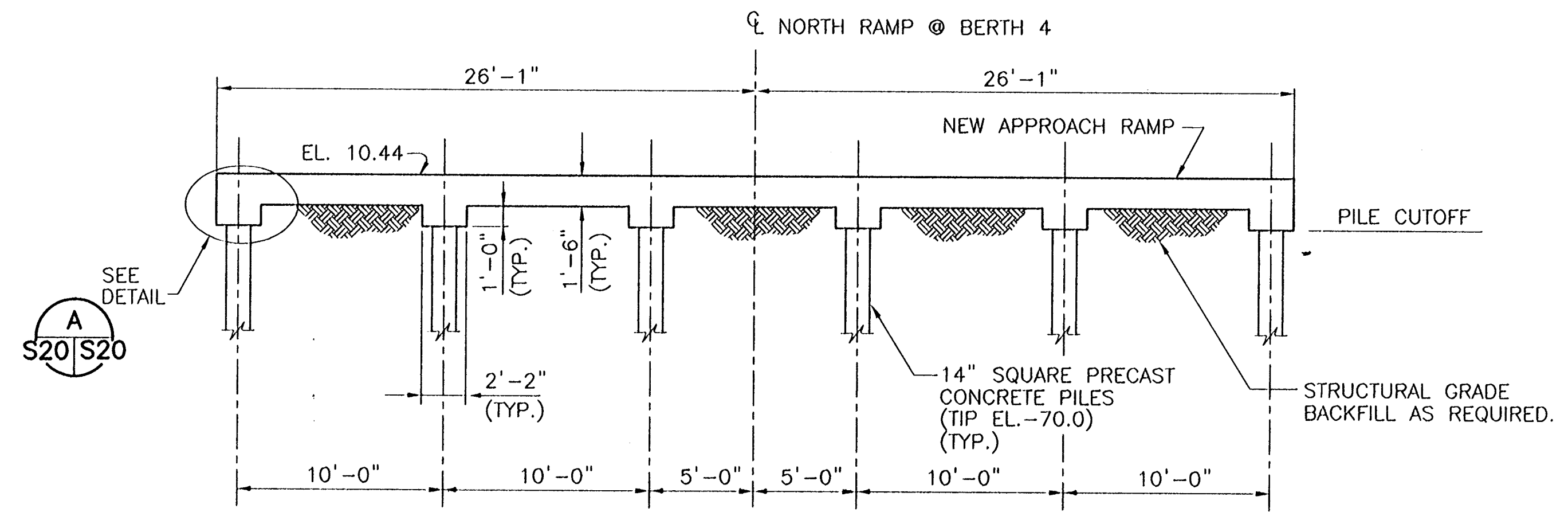
GATE NO. 8 GENERAL ARRANGEMENT
SCALE: 1/8" = 1'-0"



DETAIL A
1" = 1'-0" S18/S20/S20



SECTION 2
3/16" = 1'-0" S20/S20

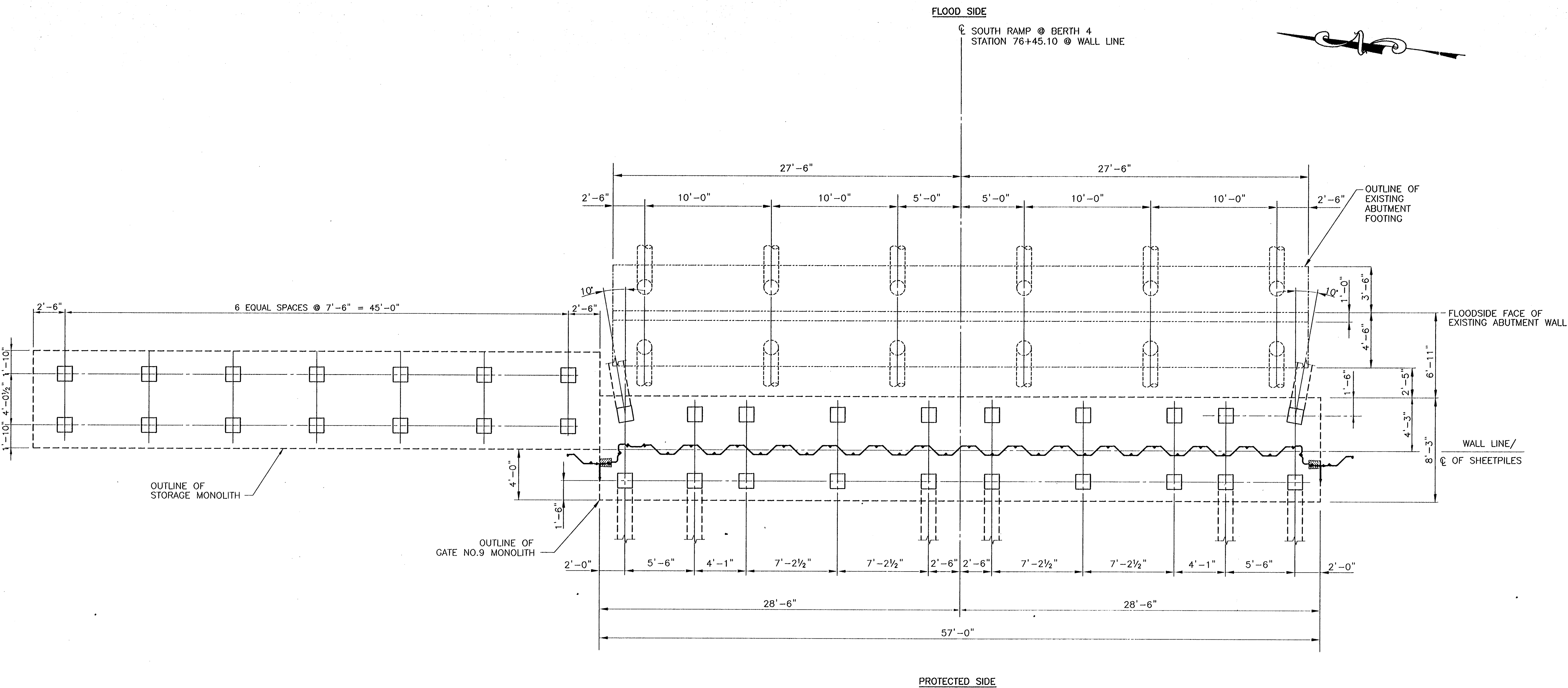


SECTION 1
3/16" = 1'-0" S20/S20

08.1998 - 07:59:27 P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\PLANS [Login: Dovo]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 80+62.36 GATE NO. 8 STRUCTURAL ARRANGEMENT	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED BY: R.S.G. PROJECT ENGINEER	
RECOMMENDED: _____ APPROVED: _____		WILLIAM B. CROWMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S20		RECF000303	



PILING PLAN AT GATE NO.9
SCALE: 1/4"=1'-0"


LEGEND

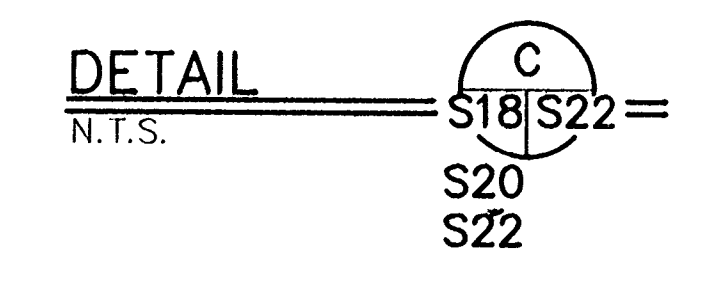
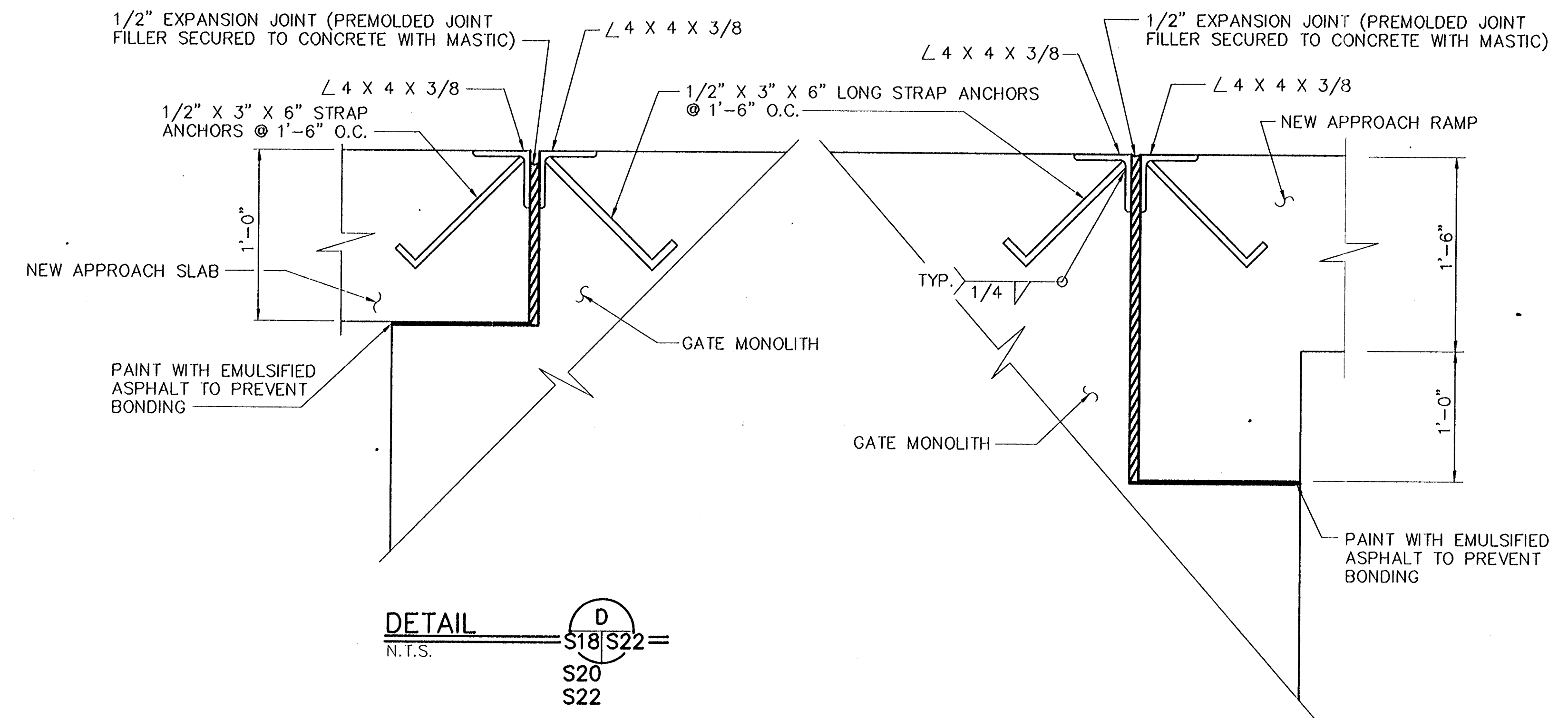
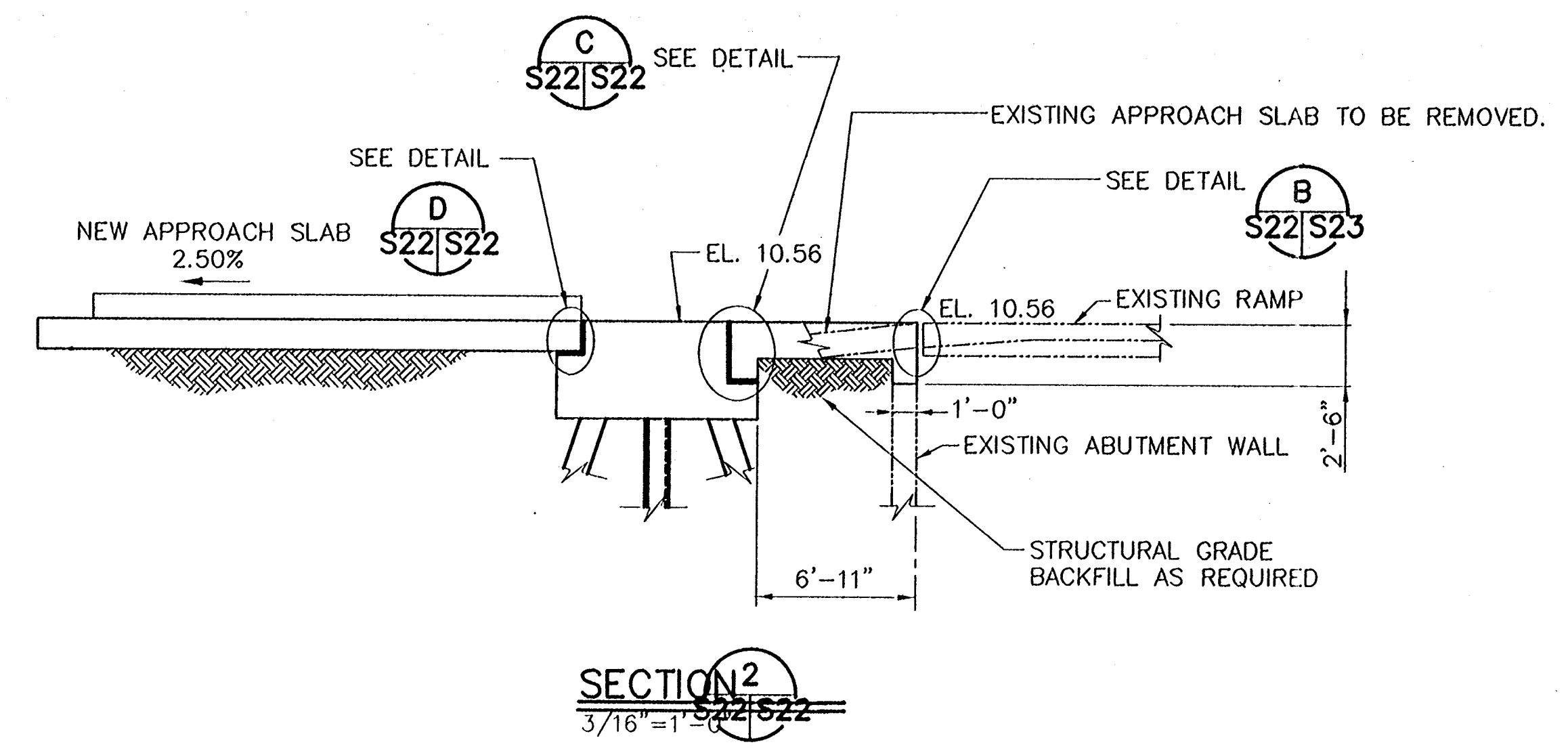
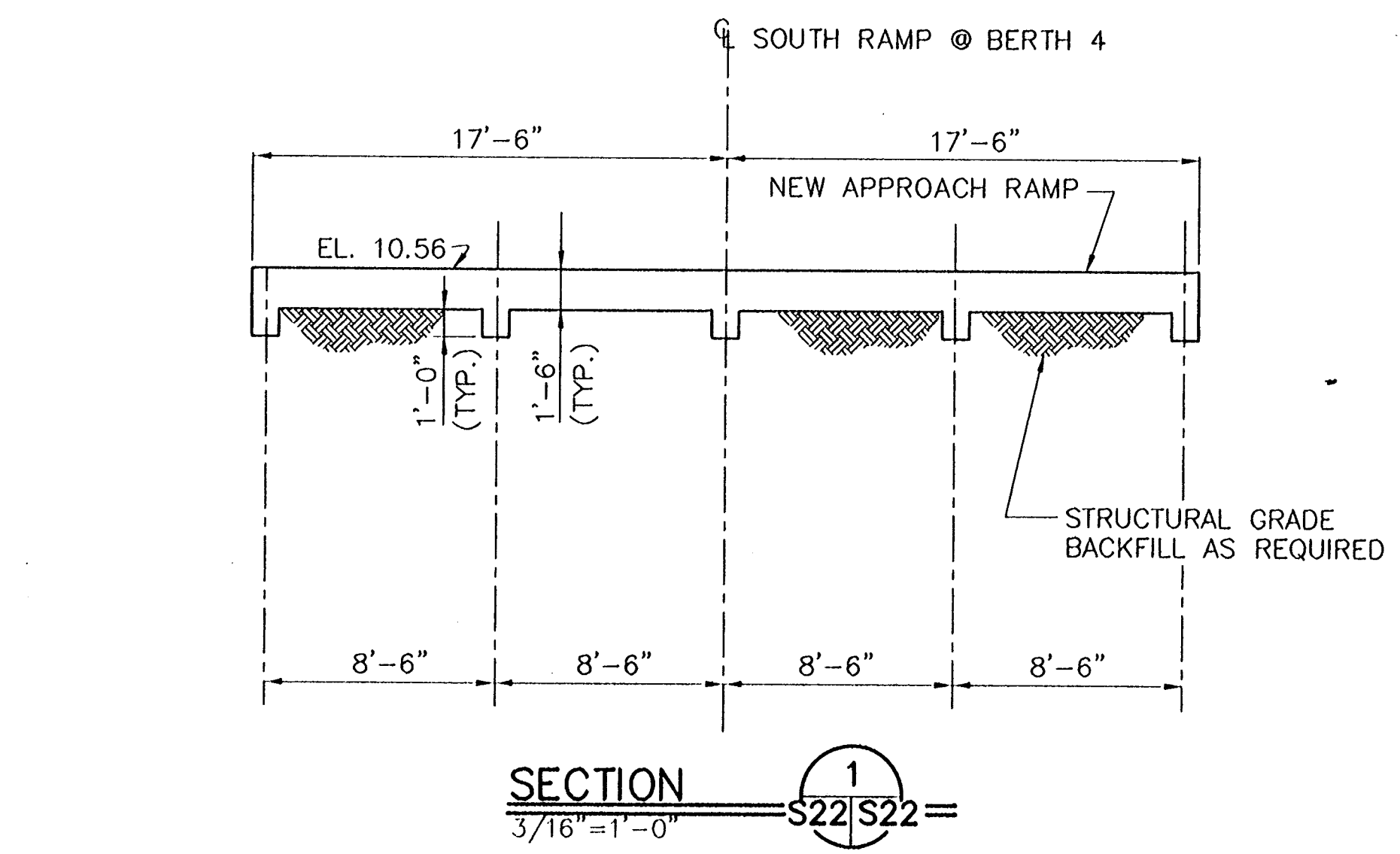
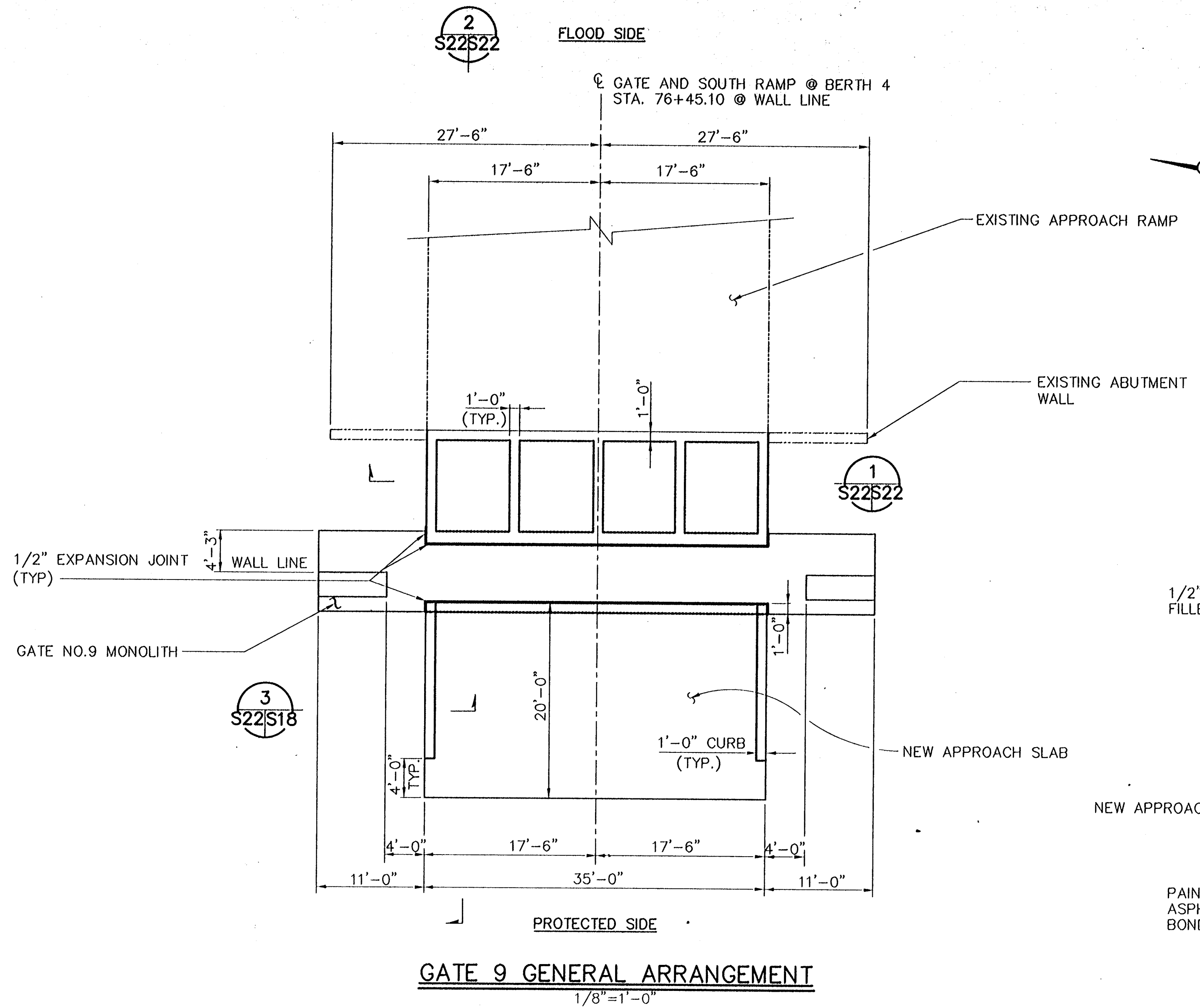
- 14" SQ. PRECAST PRESTRESSED CONCRETE VERTICAL PILE.
- 14" SQ. PRECAST PRESTRESSED CONCRETE BATTER PILE @ 3V:1H, UNLESS NOTED OTHERWISE.
- EXISTING PIPE PILES

NOTE:

1. 14" SQ. PRECAST PRESTRESSED CONCRETE PILES: TIP EL. -83.00
2. PILOT HOLES FOR THE 14" PRECAST PRESTRESSED CONCRETE PILES SHALL BE NO GREATER THAN 11" IN DIAMETER AND DRILLED OR PUNCHED TO A MAXIMUM DEPTH OF 11 FEET.
3. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND EXISTING PILE SIZES.

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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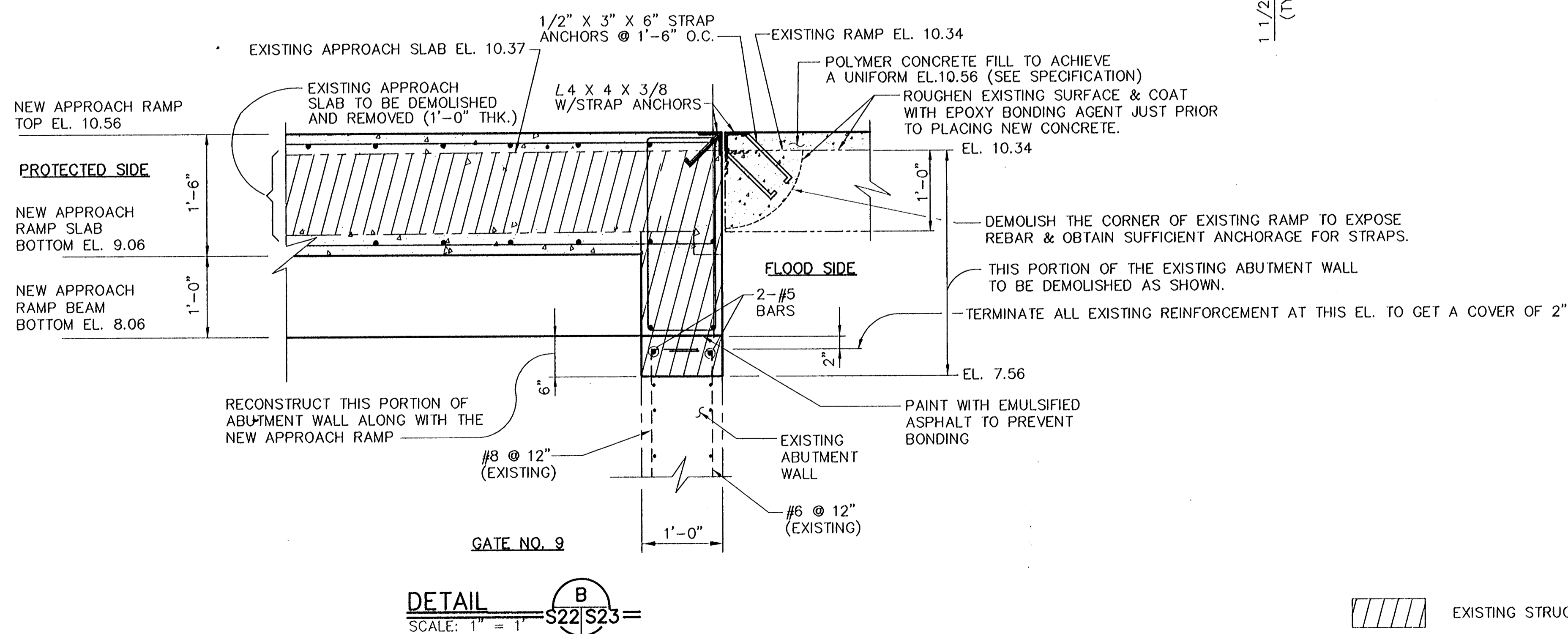
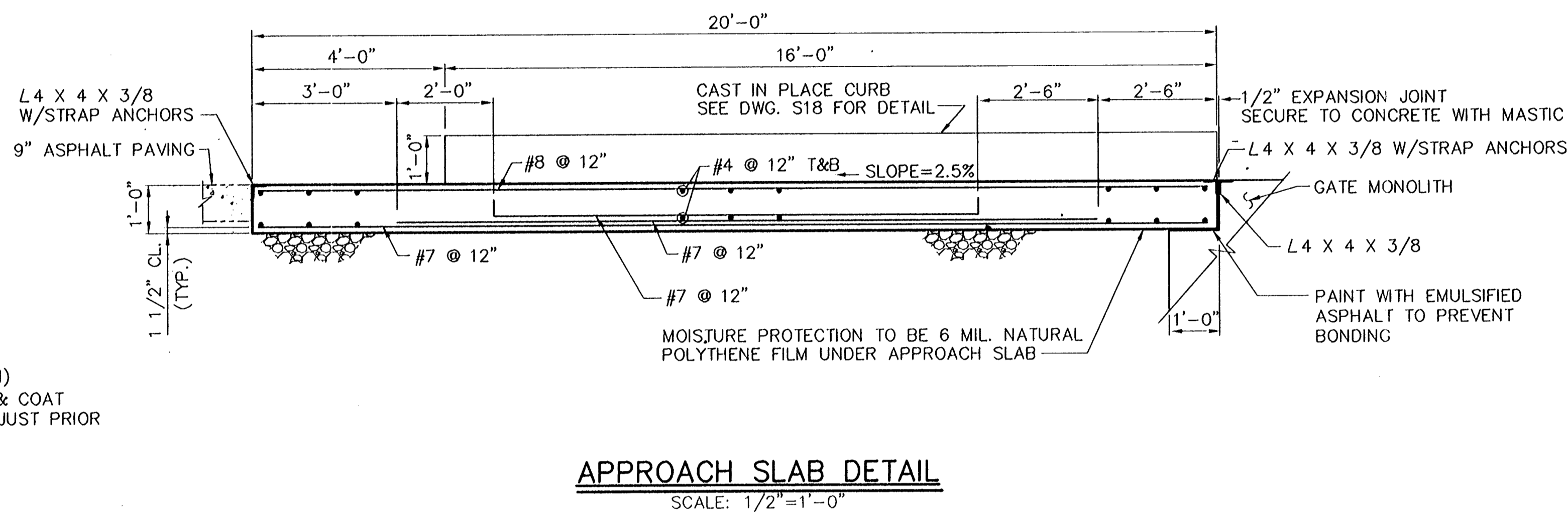
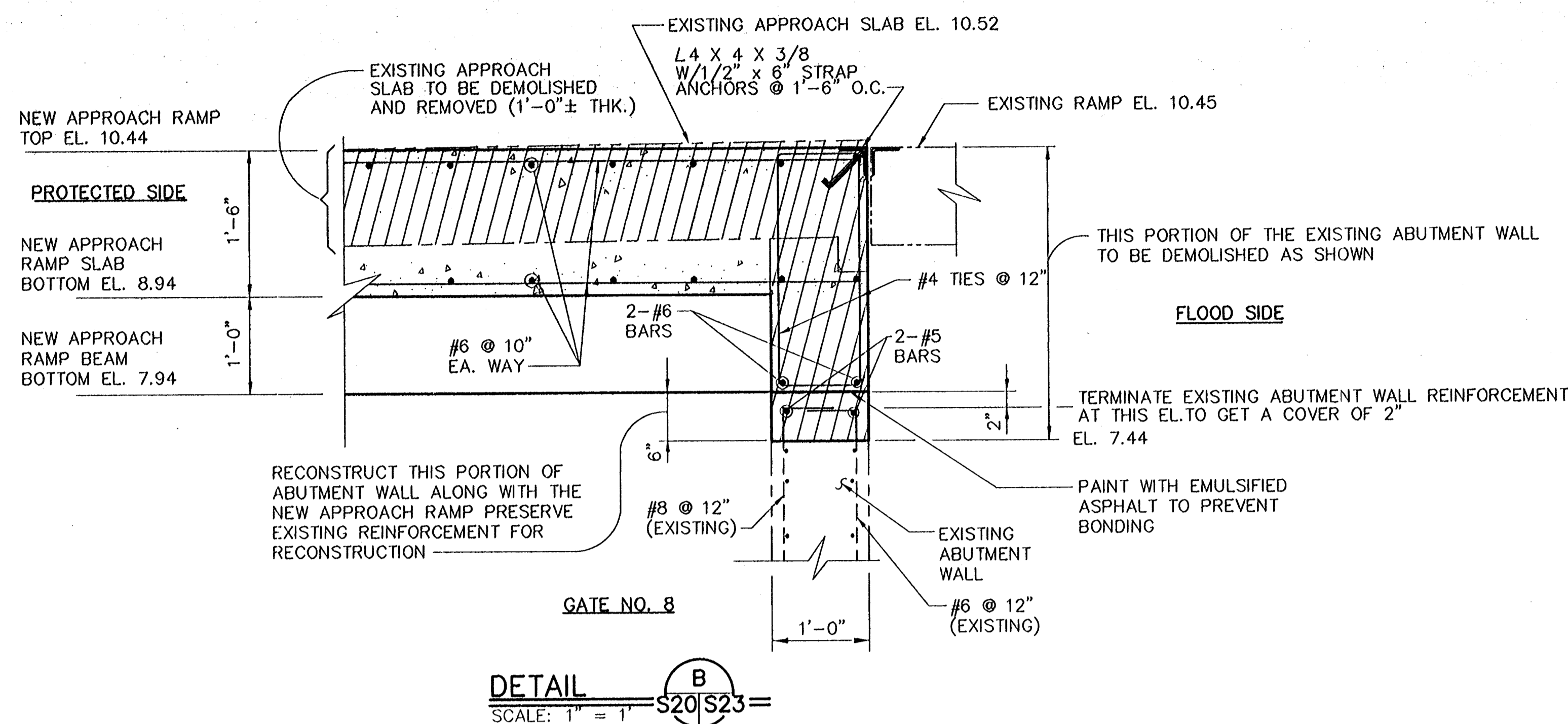
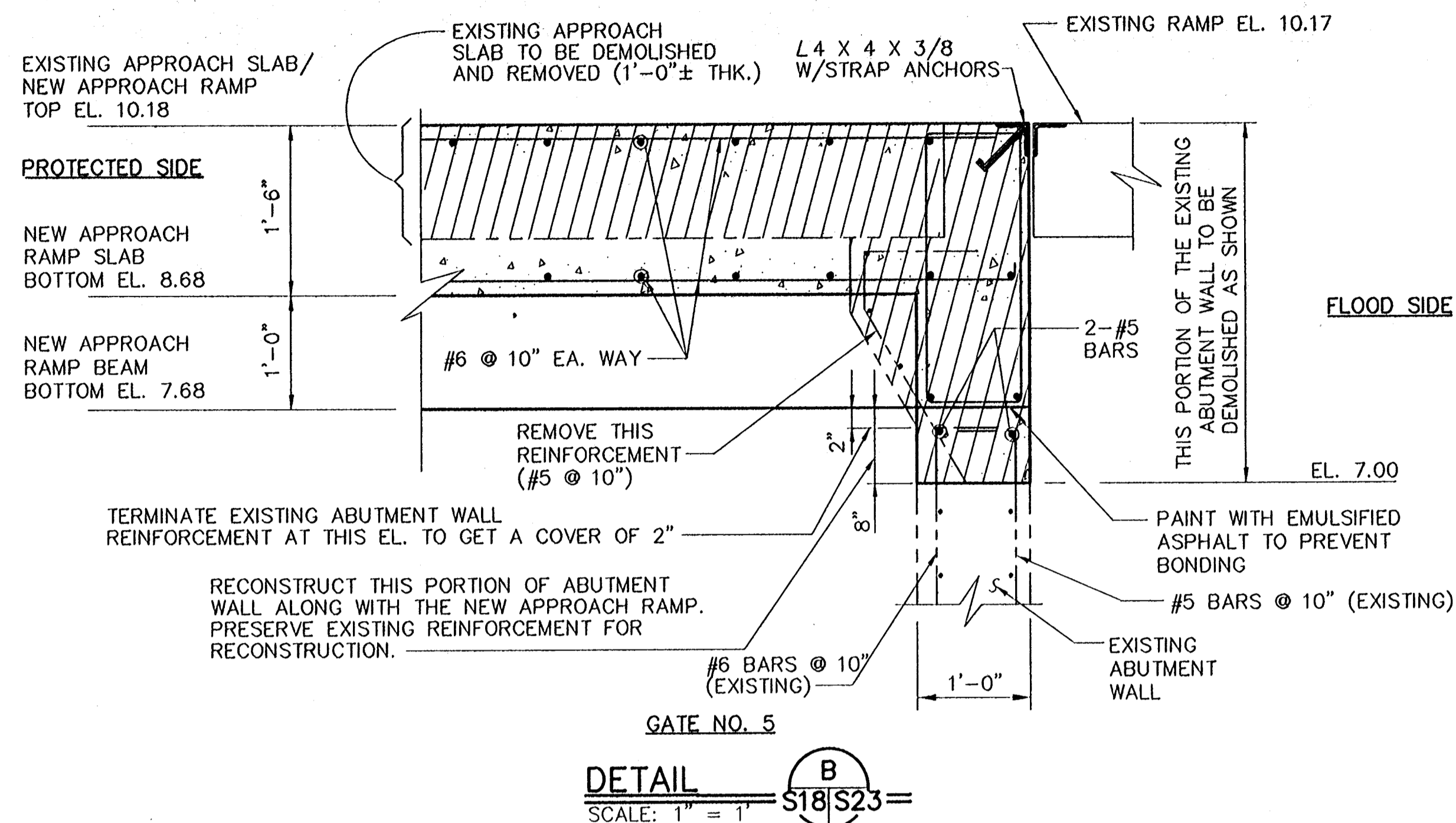
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 FLOODGATE PILE PLAN AT GATE NO.9	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>B.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE 1/4"=1'-0" IDENTIFICATION NO. GATE9	RECOMMENDED WILLIAM B. CHAMBERLAIN, P.E. PROJECT ENGINEERING MANAGER APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
		DRG. NO. M11-7008-S21	REG#0000303



Jan 08, 1998 - 08:10:35 [P&O FILE: G:\CAD\ACAD\504-008\PROJ-303\STRUCT\PLANS] [Login: Devo]

REV. BY DATE	REV. BY DATE	REV. BY DATE	REV. BY DATE	REV. BY DATE	REV. BY DATE	REV. BY DATE	REV. BY DATE	REV. BY DATE	REV. BY DATE
1	6	5	4	3	2	1			

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 GATE NO.9 STRUCTURAL ARRANGEMENT	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. PLAN9		WILLIAM B. GRIMMIE, P.E. PROJECT ENGINEERING MANAGER RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S22		REQP000303	

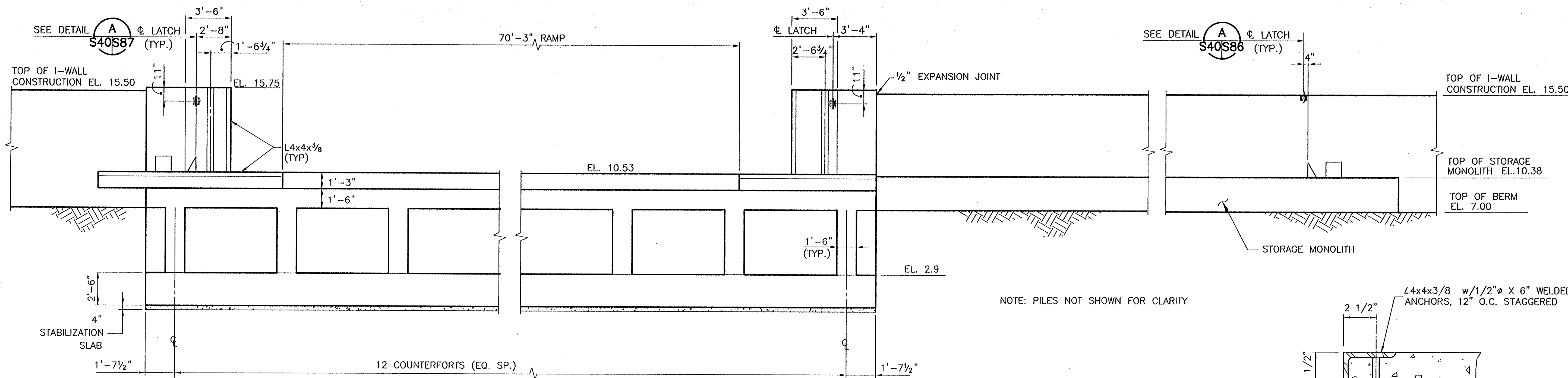


EXISTING STRUCTURE TO BE DEMOLISHED.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 APPROACH RAMP/SLAB DETAILS	
DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. SLABDET		WILLIAM B. CROMARIE, P.E. PROJECT ENGINEERING MANAGER AILEE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S23		REG#000303	

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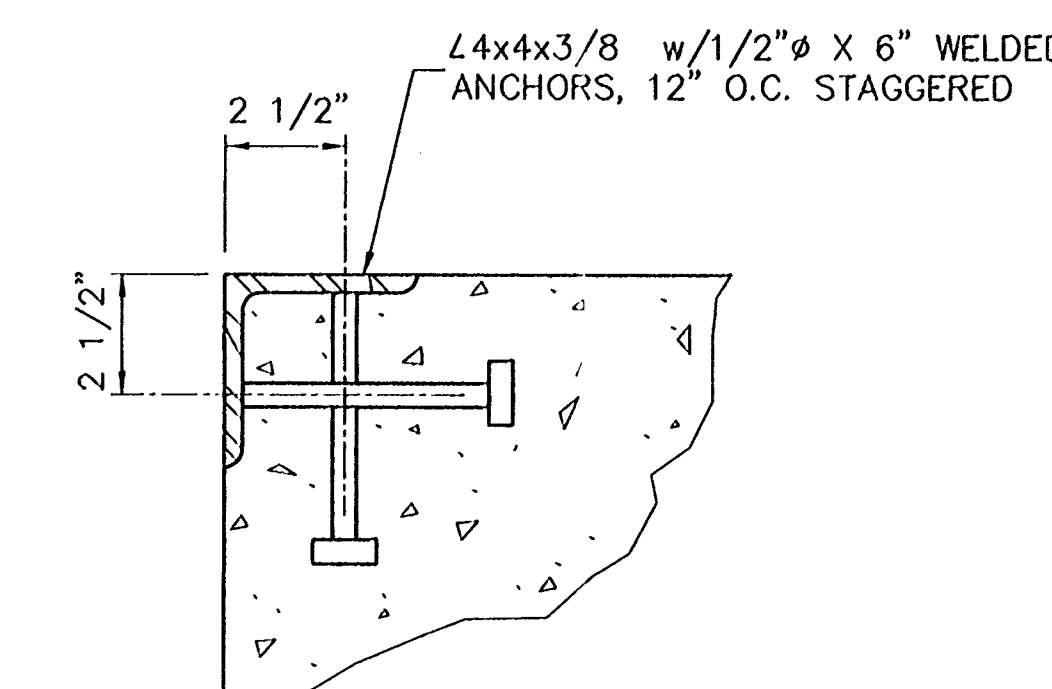
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MONOLITH FLOODSIDE ELEVATION

GATE NO.6

SCALE 1/4" = 1'-0"

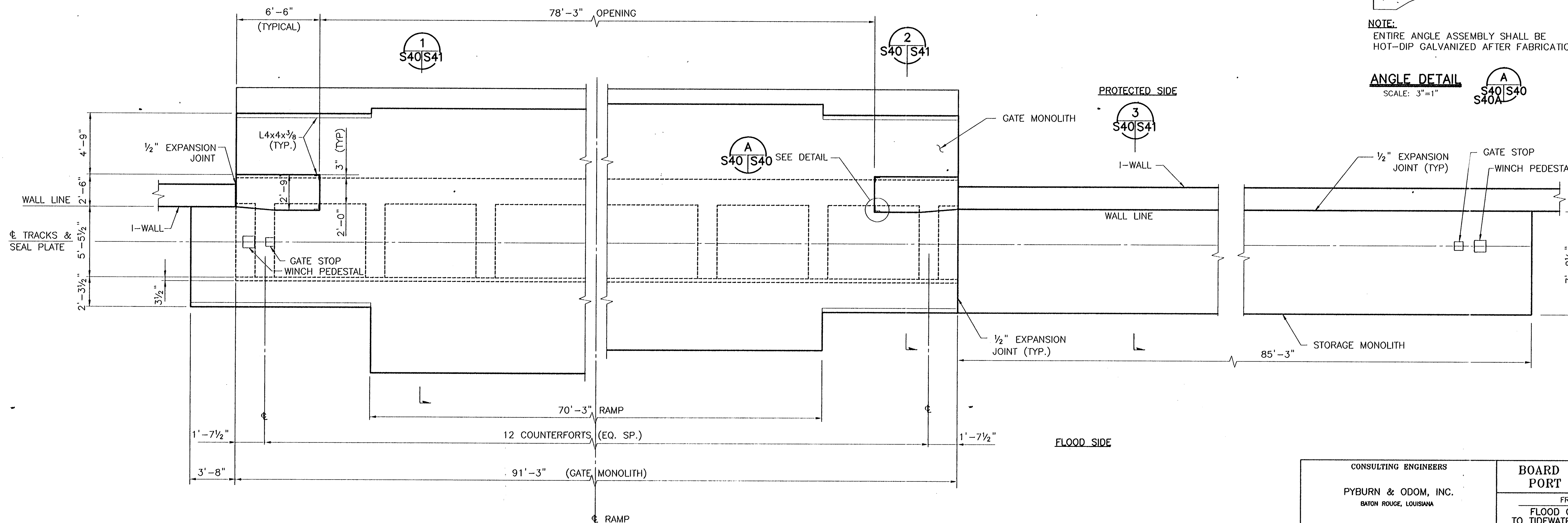


NOTE:
ENTIRE ANGLE ASSEMBLY SHALL BE
HOT-DIP GALVANIZED AFTER FABRICATION.

ANGLE DETAIL

SCALE: 3"=1"

S40S40
S40A



MONOLITH PLAN FOR GATE NO.6

SCALE 1/4" = 1'-0"

NOTE:

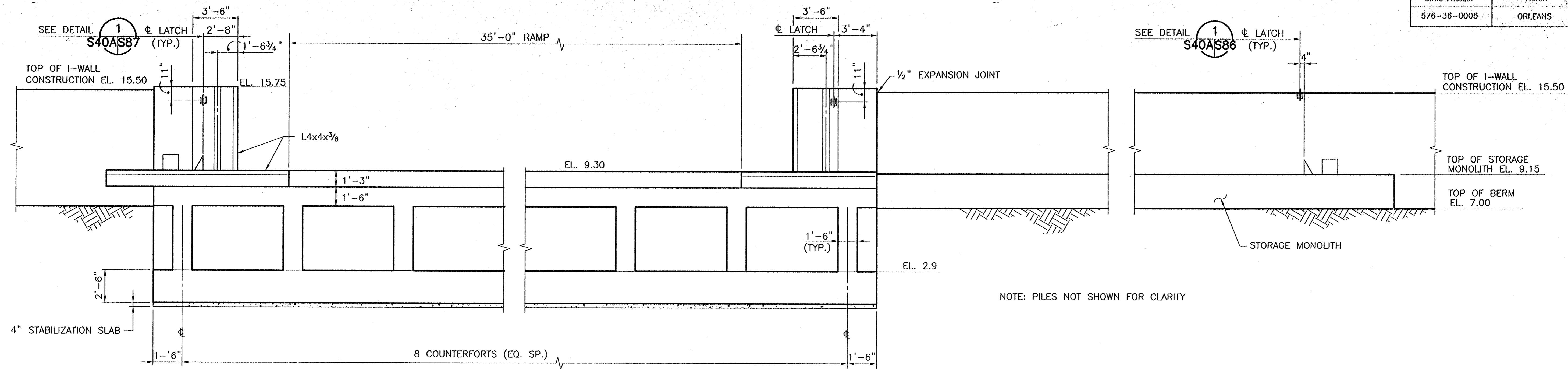
1. FOR LATCH DETAILS SEE DWG. S86 & DWG. S87
2. FOR WINCH PEDESTAL AND GATE STOP DETAIL SEE DWG. S58

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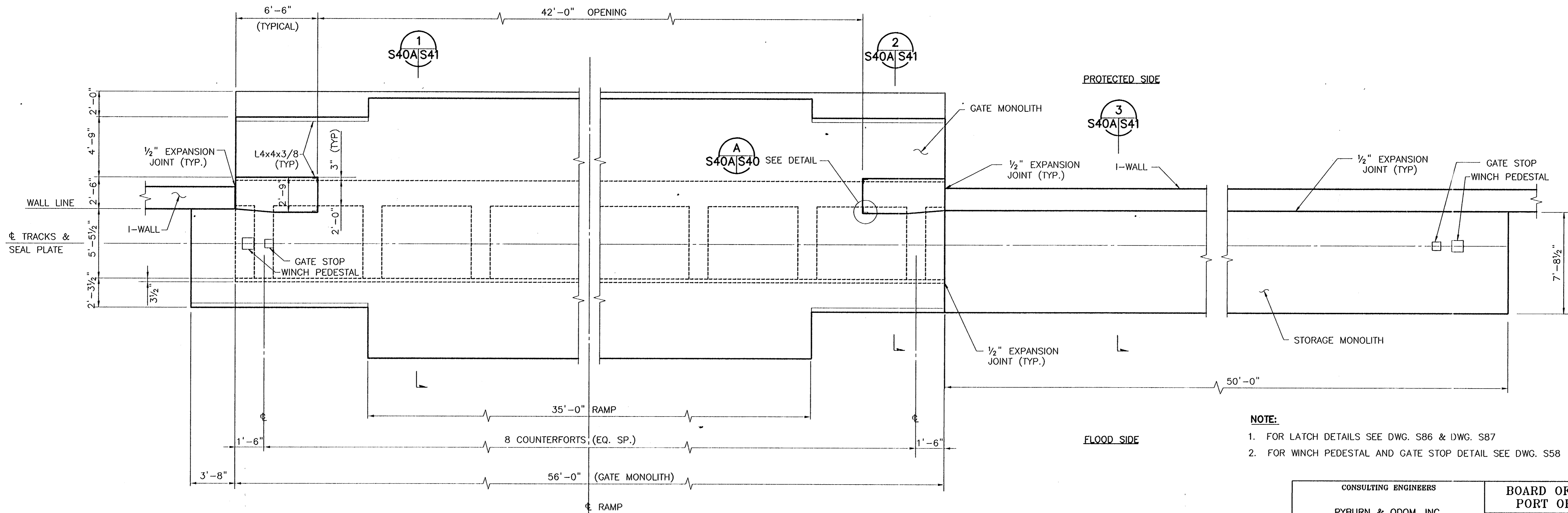
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
7			6			5			4			3			2			1		

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 6 MONOLITHS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. 005-S000		RECOMMENDED WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S40		REF000303	

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	66



**MONOLITH FLORESIDE ELEVATION
FOR GATE NO. 7**
SCALE 1/4" = 1'-0"



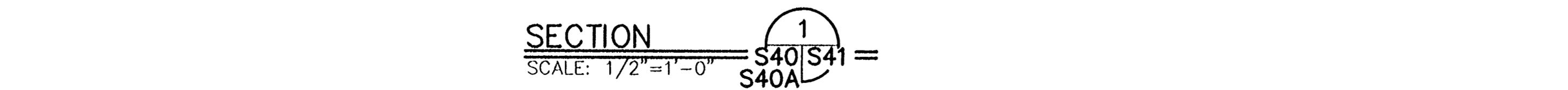
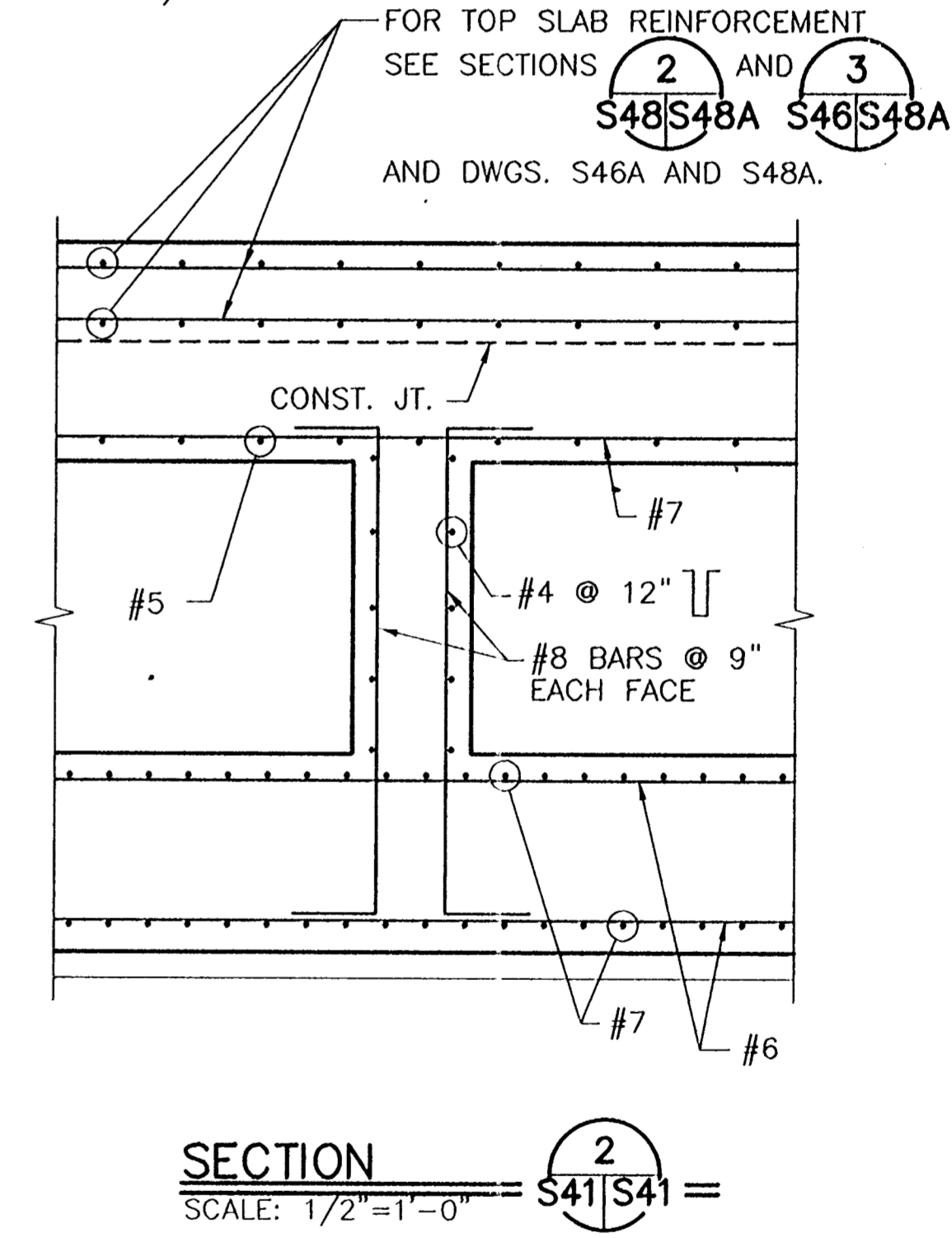
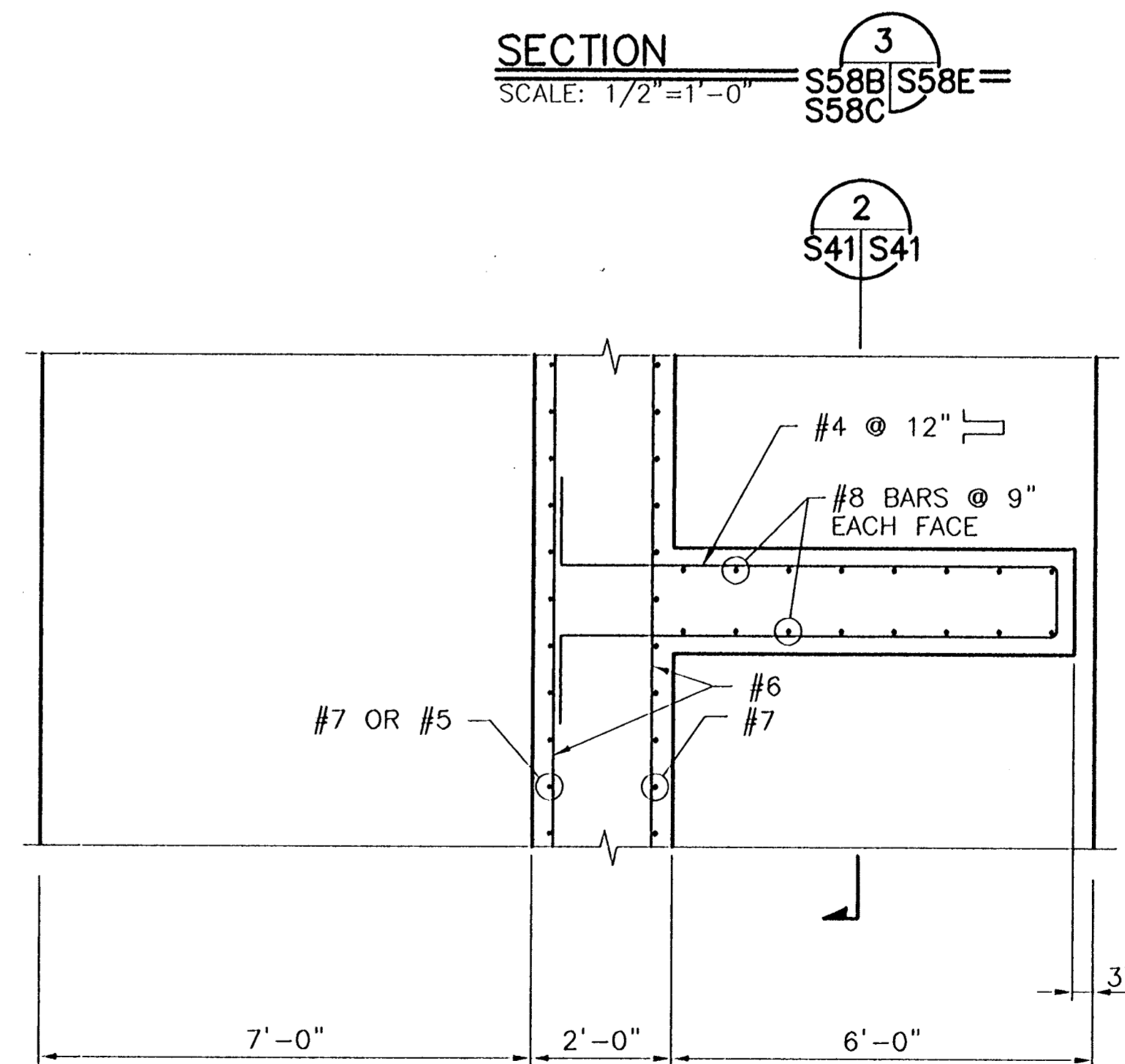
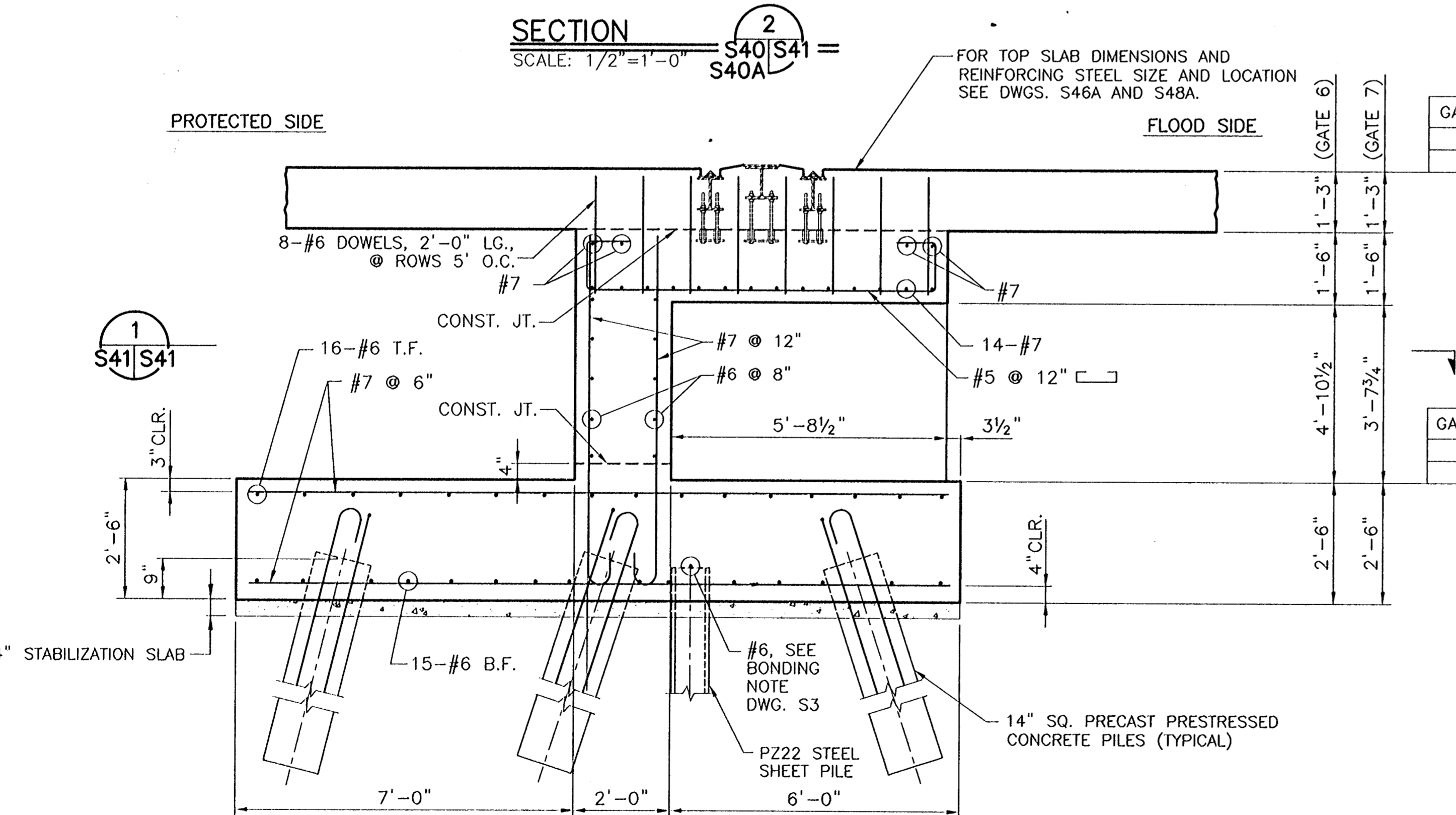
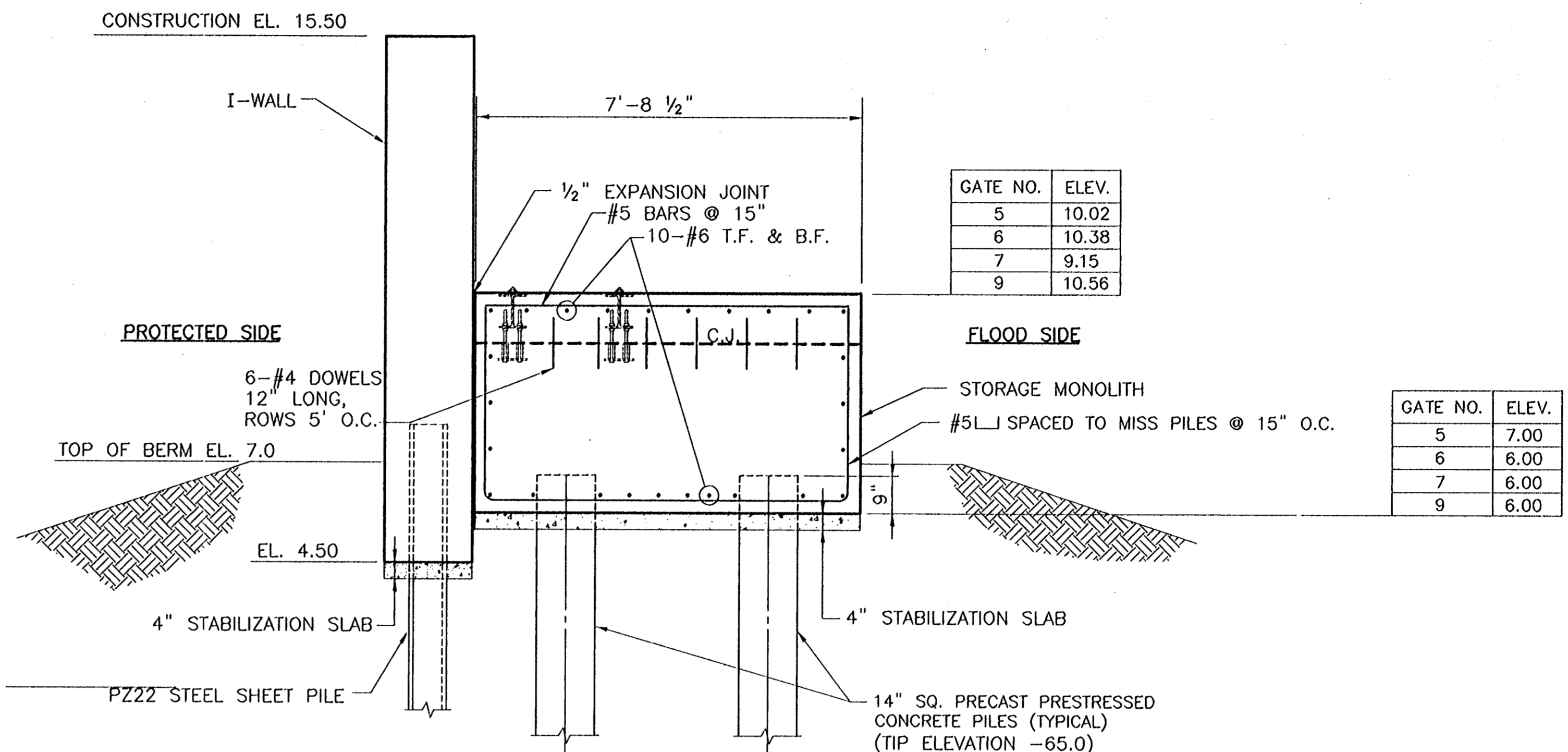
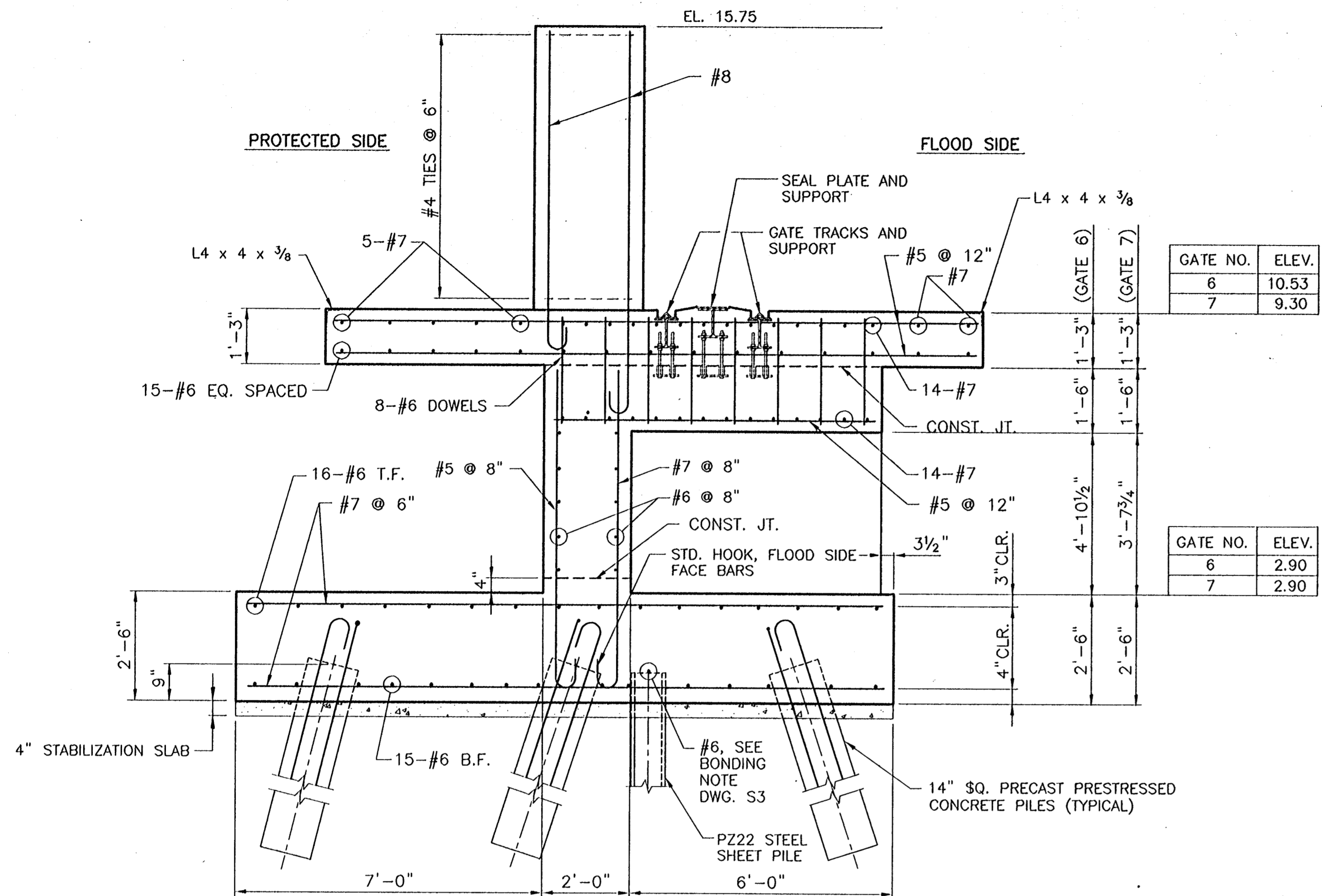
MONOLITH PLAN FOR GATE NO. 7
SCALE 1/4" = 1'-0"

- NOTE:**
1. FOR LATCH DETAILS SEE DWG. S86 & DWG. S87
 2. FOR WINCH PEDESTAL AND GATE STOP DETAIL SEE DWG. S58

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO.7 MONOLITHS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE 1/4" = 1'-0" IDENTIFICATION NO. 005-S001 WILLIAM B. CHOMARTIE, P.E. PROJECT ENGINEERING MANAGER WYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7005-S40A		REG0000303	

Jan 08, 1998 - 05:06:56 PM FILE: G:\CAD\ACAD\304-006\PROJ-303\STRUCT\005-S001 [Login: Dave]

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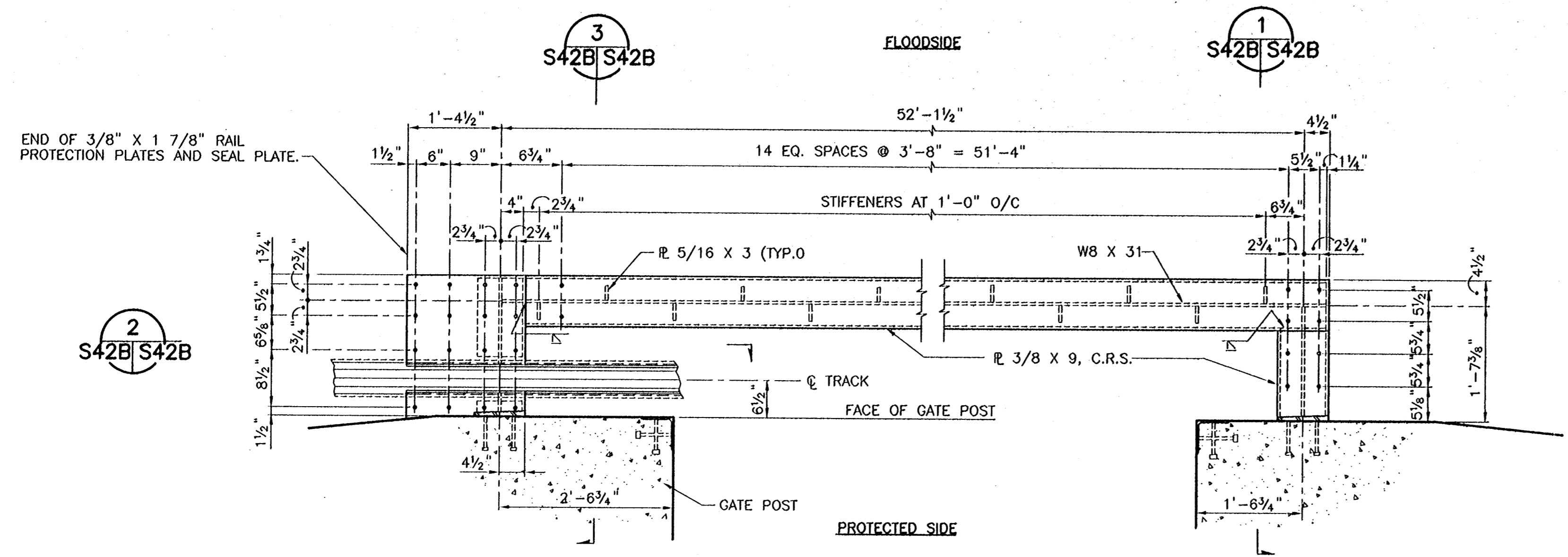
SECTION 1 S41/S41 =
SCALE: 1/2" = 1'-0"

SECTION 2 S41/S41 =
SCALE: 1/2" = 1'-0"

NO. 08, 1998 - 0810-14, 1840 P.L.E. © 2003 VACO S41-S48 (REV. 08/03) (STRUCTURE)

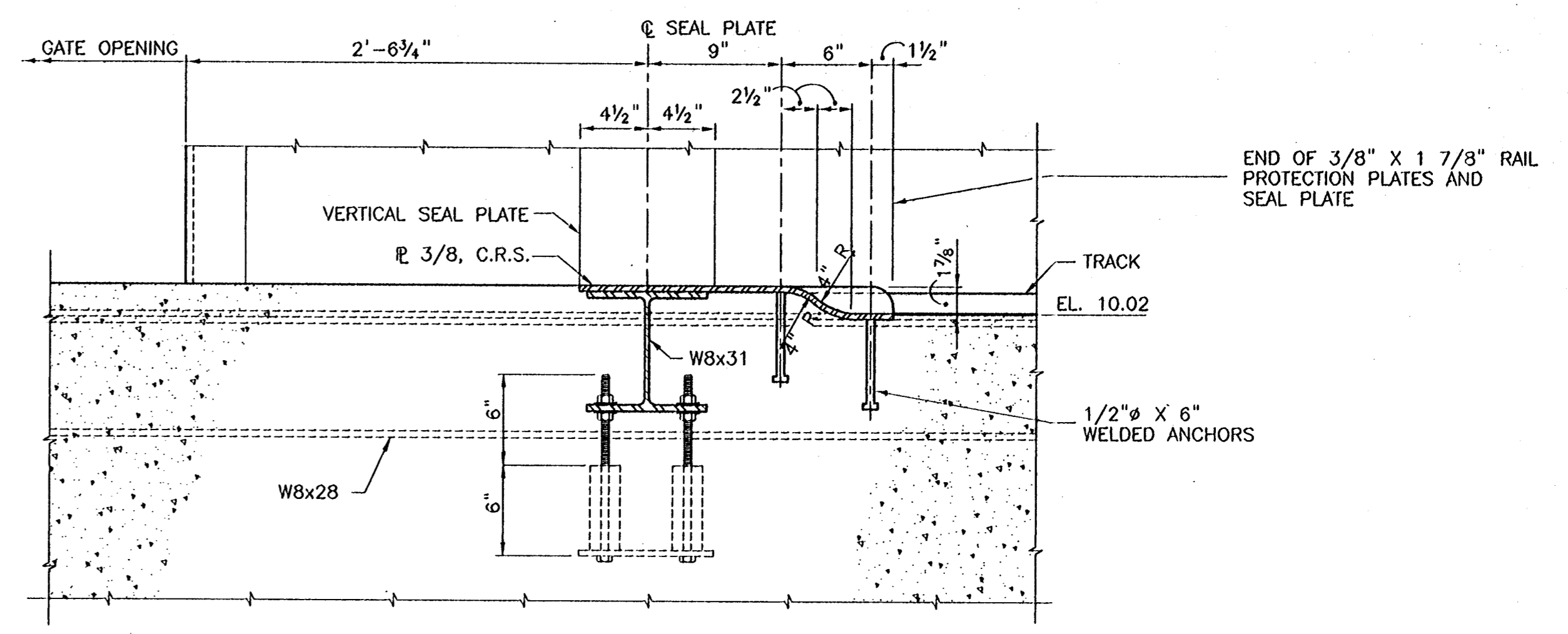
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NOS. 6 & 7 MONOLITH SECTIONS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RGTD11		RECOMMENDED APPROVED WILLIAM B. CROWARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S41		REF000303	

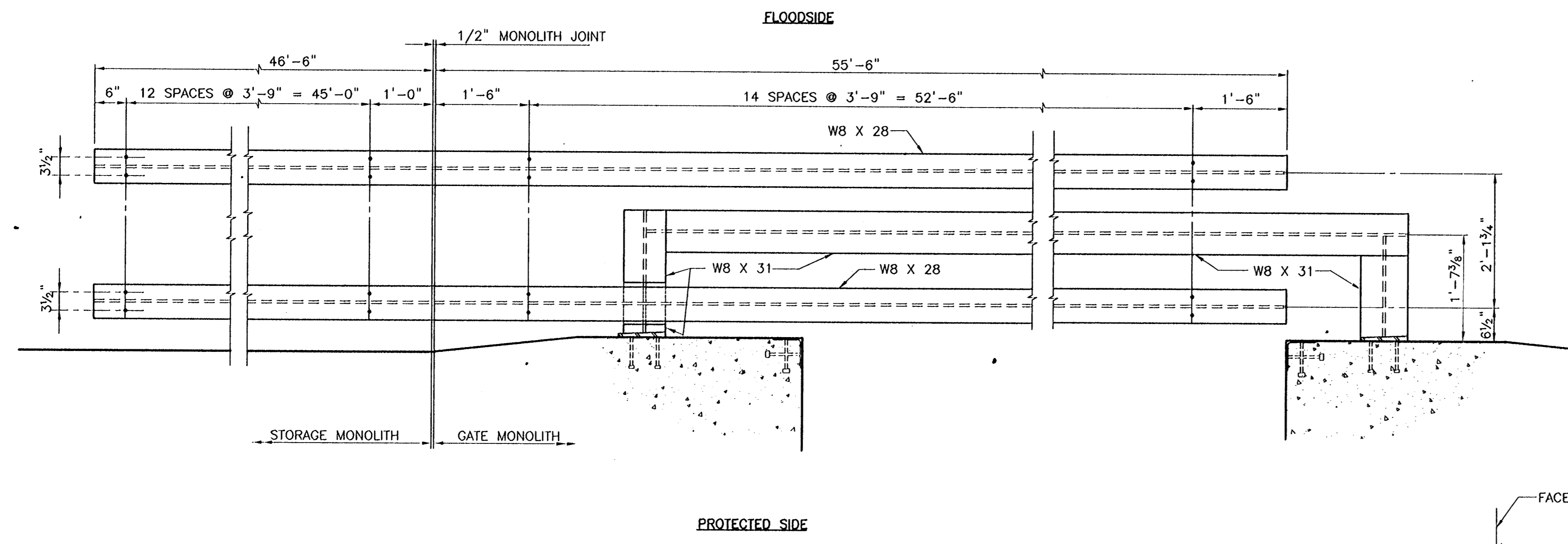


PLAN OF SEAL PLATE SUPPORT BEAM WITH ANCHOR BOLTS
SCALE: 3/4"=1'-0"

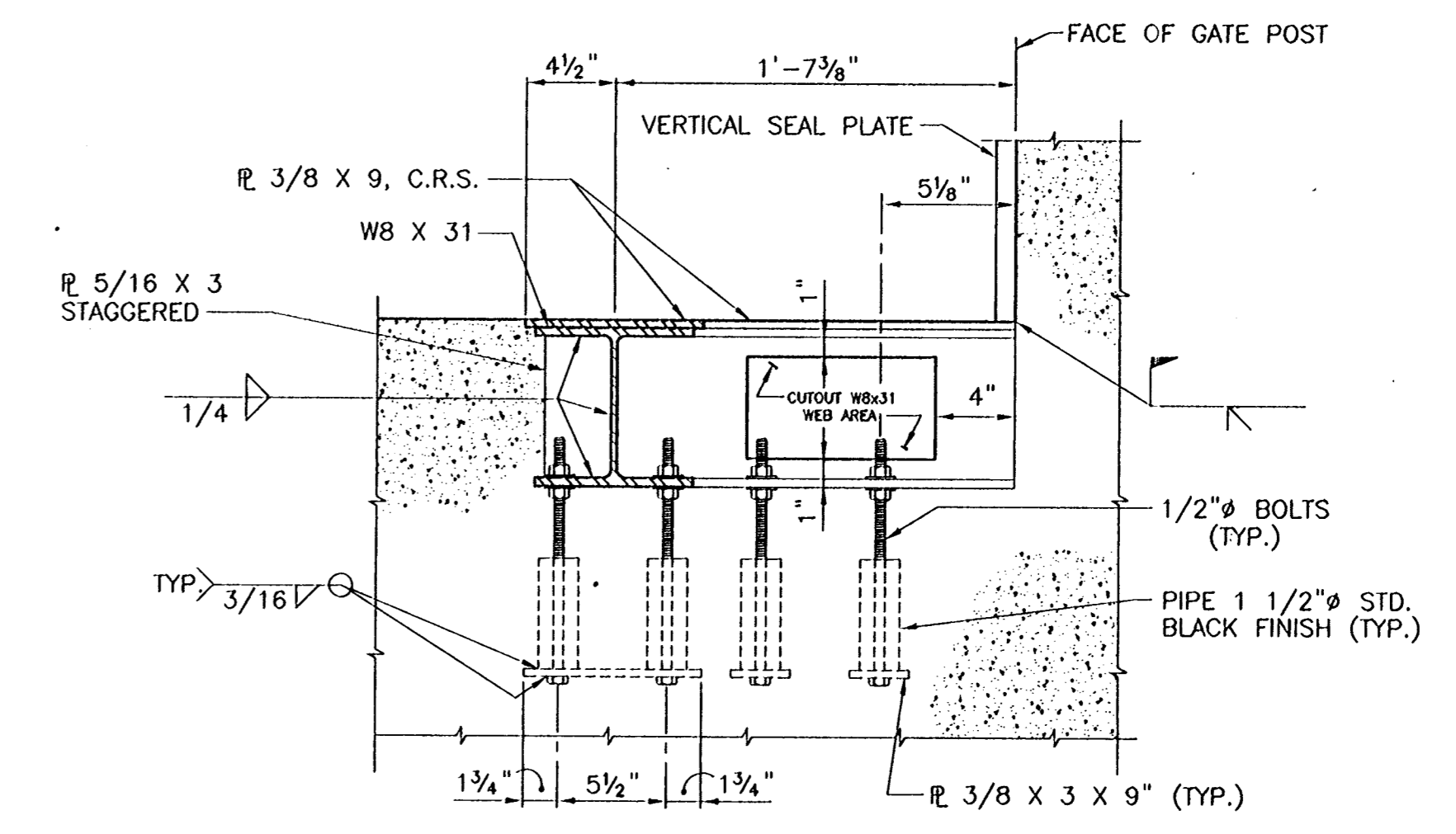
NOTE:
IF BOLT HOLES FALL WITHIN 1" OF C
OF 5/16" X 3" PLATE, INCREASE OR
DECREASE BOLT HOLE SPACING BY 2"
TO CLEAR 5/16" PLATE.



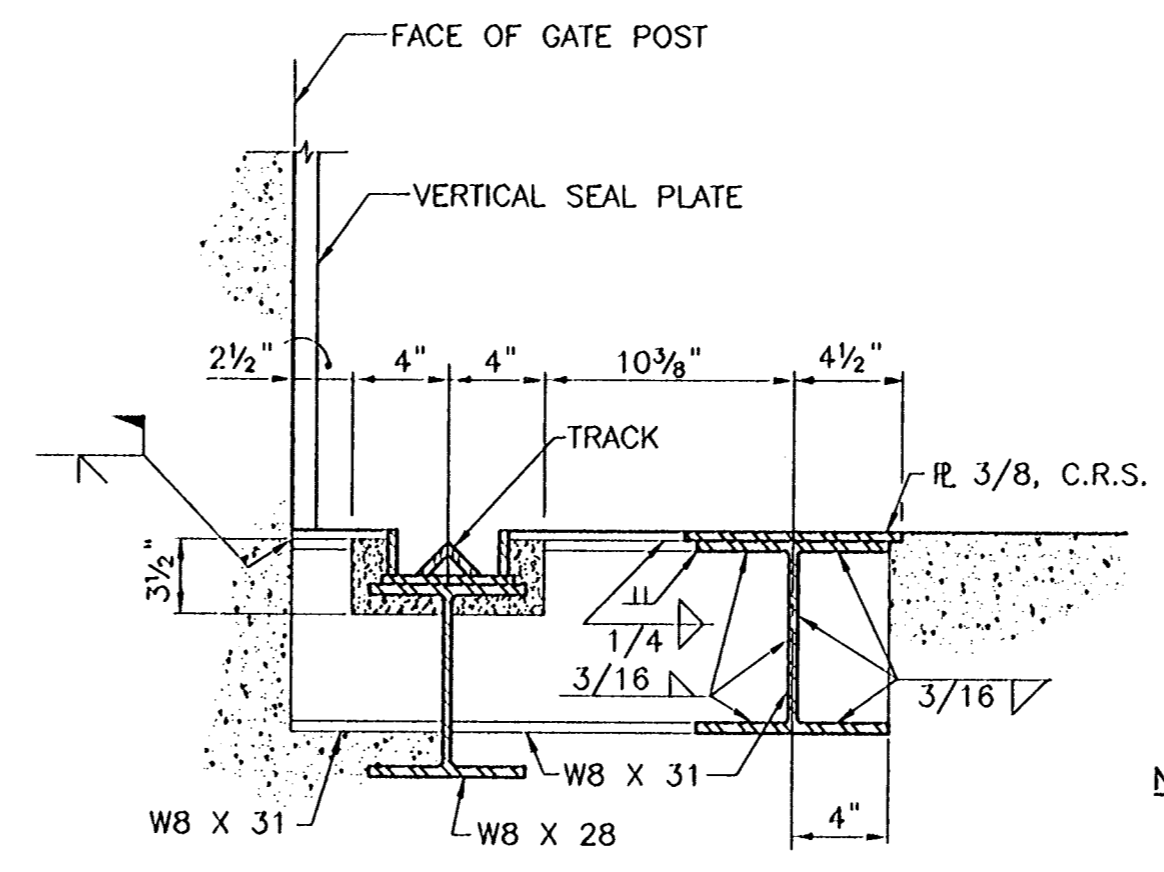
SECTION 2
SCALE: 1 1/2"=1'-0" S42B S42B=



PLAN OF TRACK SUPPORT BEAMS WITH ANCHOR BOLTS
SCALE: 3/4"=1'-0"



SECTION 1
SCALE: 1 1/2"=1'-0" S42B S42B=



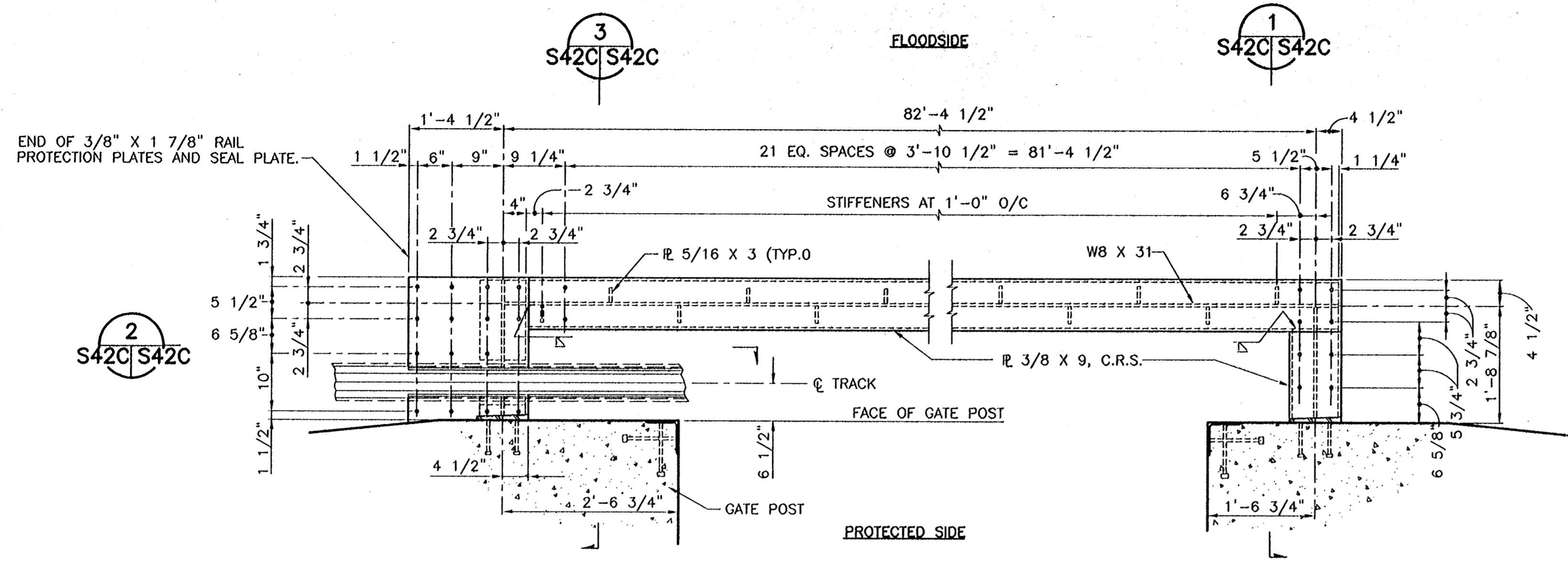
SECTION 3
SCALE: 1 1/2"=1'-0" S42B S42B=

NOTE:
ANCHOR BOLTS NOT
SHOWN FOR CLARITY.

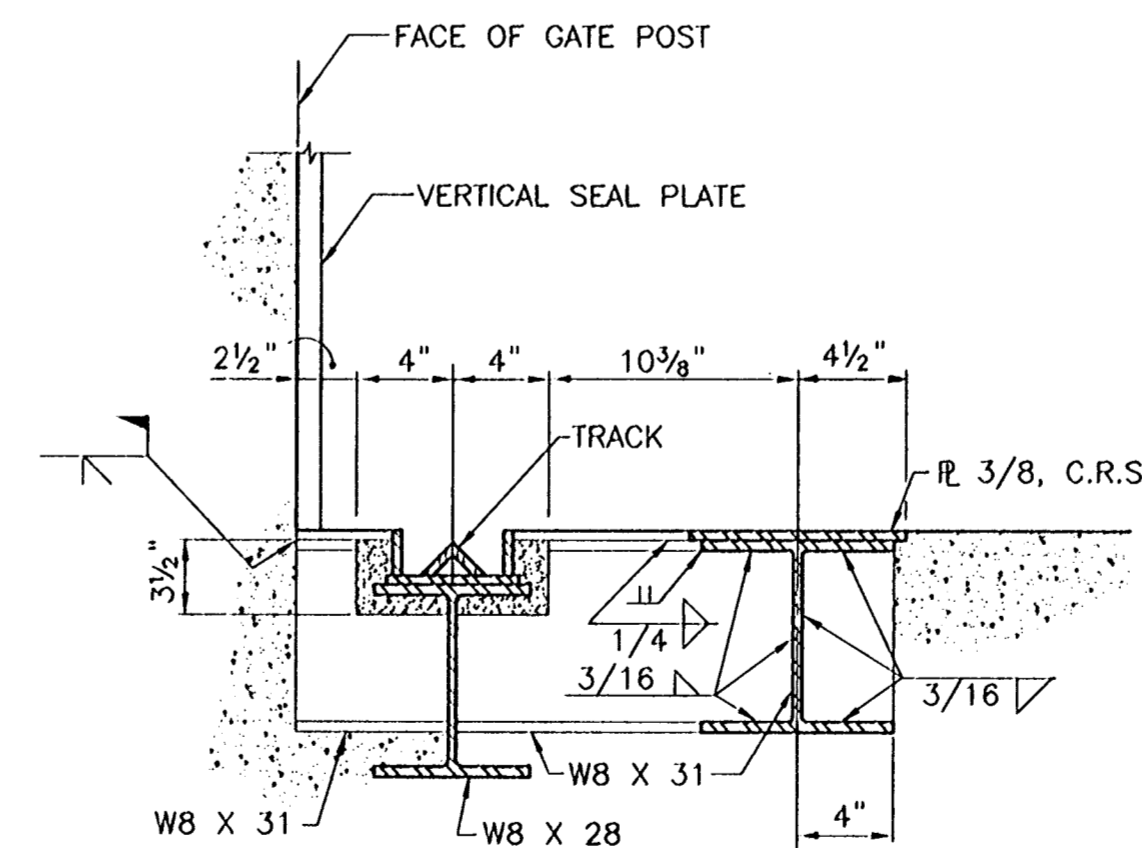
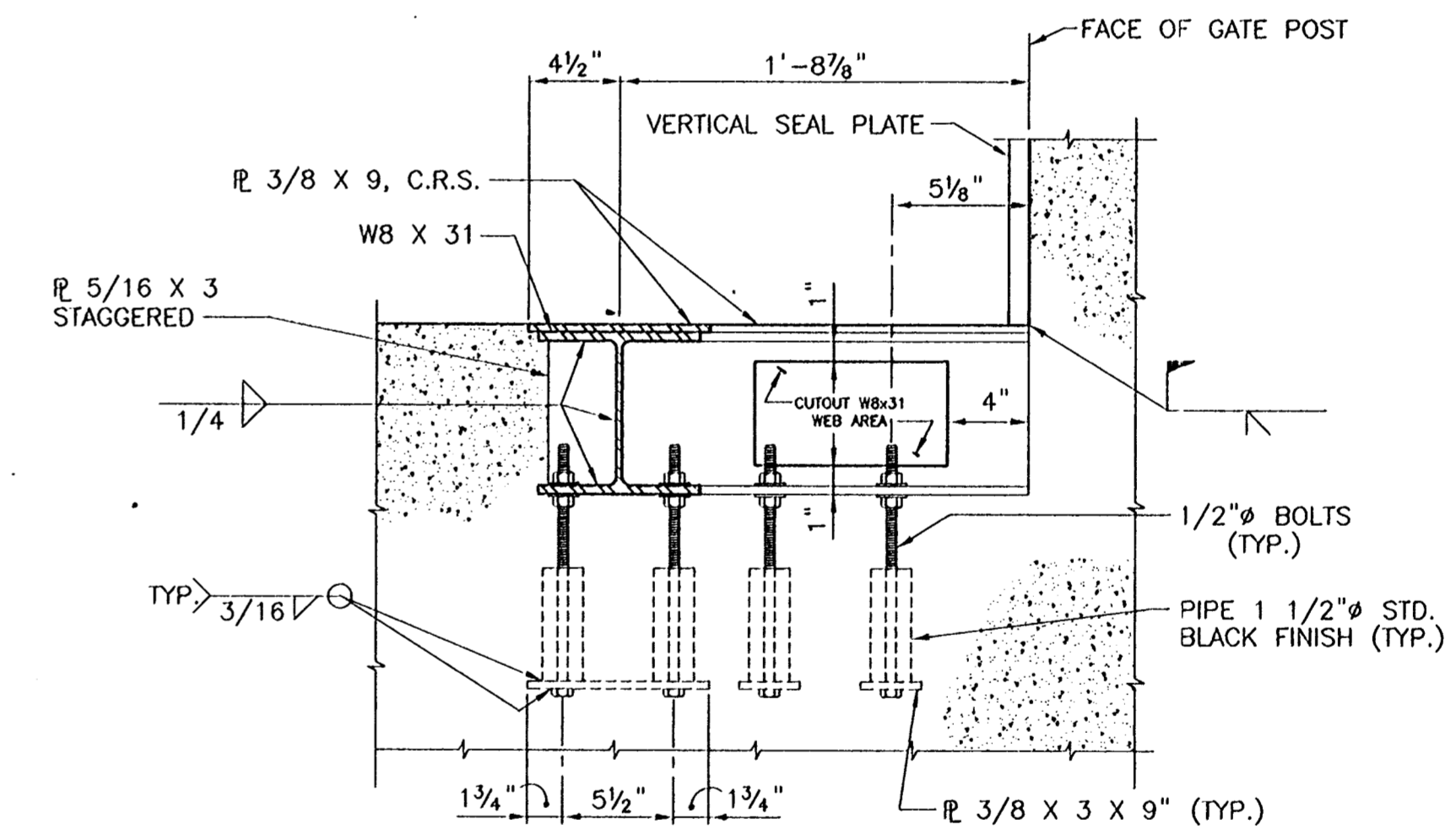
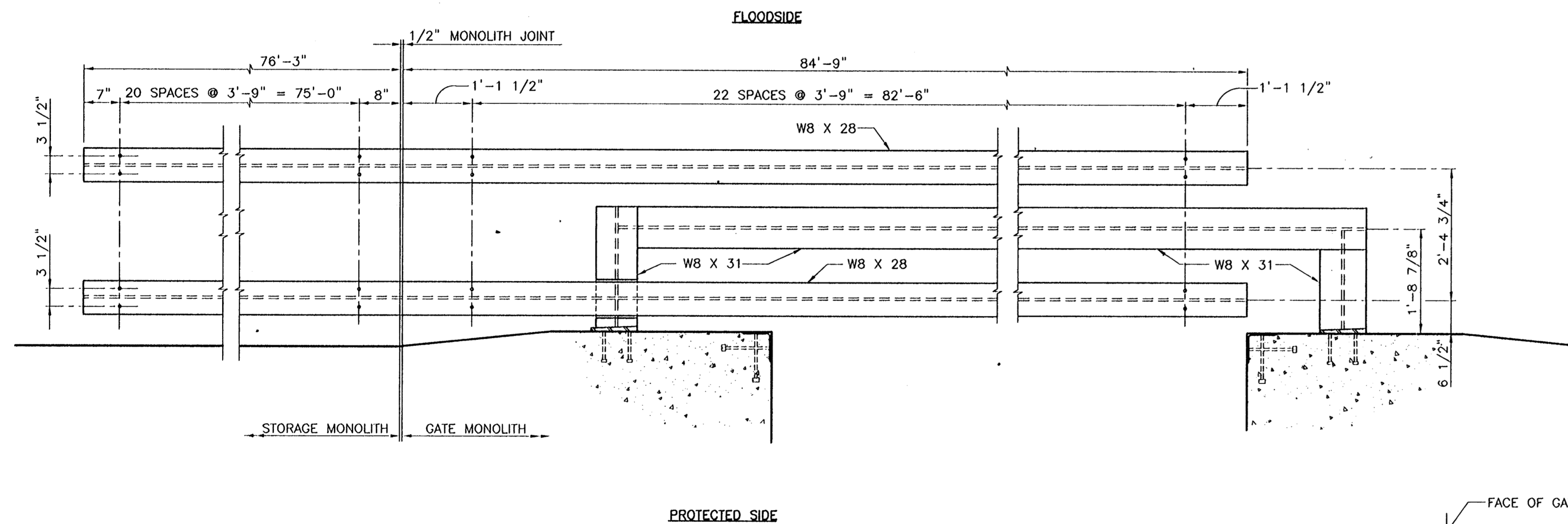
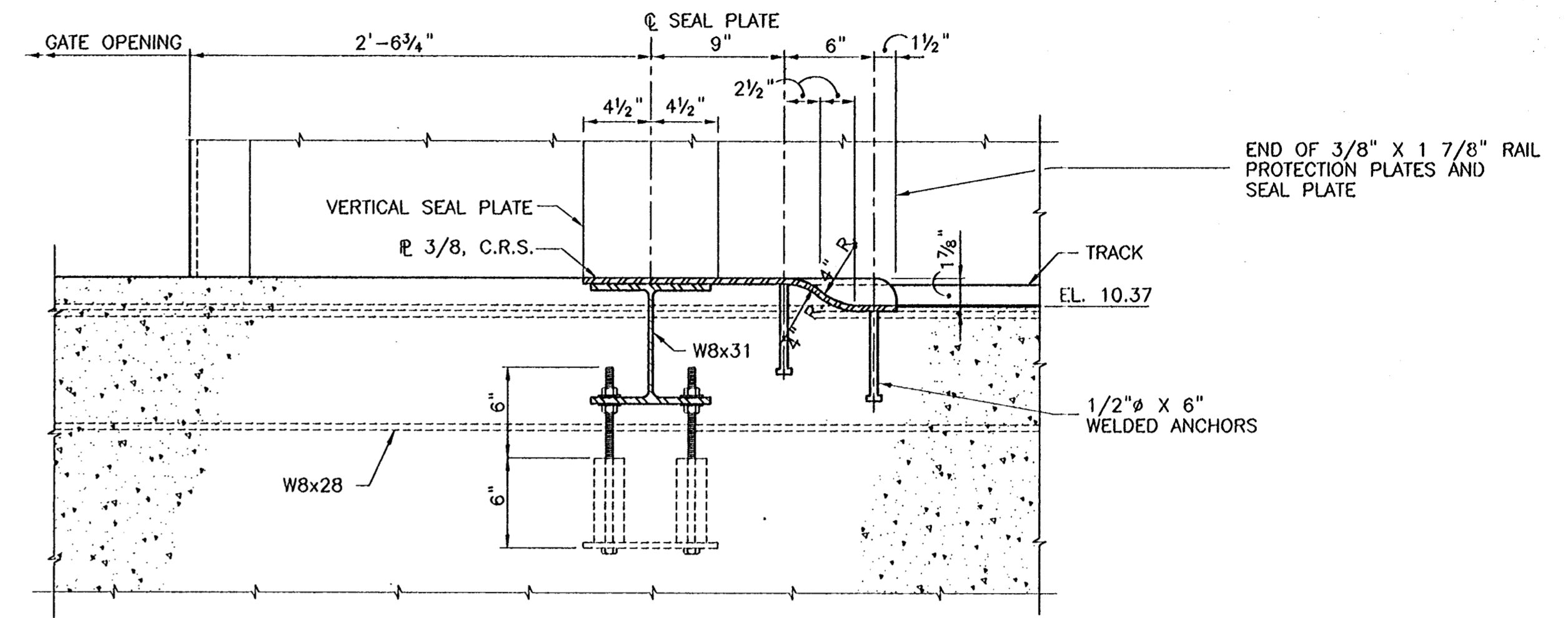
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO.5 SEAL PLATE/SUPPORT BEAM DETAILS	
DRAWN <u>D.C.L.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>AS SHOWN</u> IDENTIFICATION NO. RG5TDET	RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER RUI C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-S42B		REF000003	

Jan. 08, 1998 - 09:20:33 PM FILE: G:\CAD\PROJECTS\303\STRUCT\RG5TDET [Login: Dave]

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NOTE:
IF BOLT HOLES FALL WITHIN 1" OF
OF 5/16" X 3" PLATE, INCREASE OR
DECREASE BOLT HOLE SPACING BY 2"
TO CLEAR 5/16" PLATE.

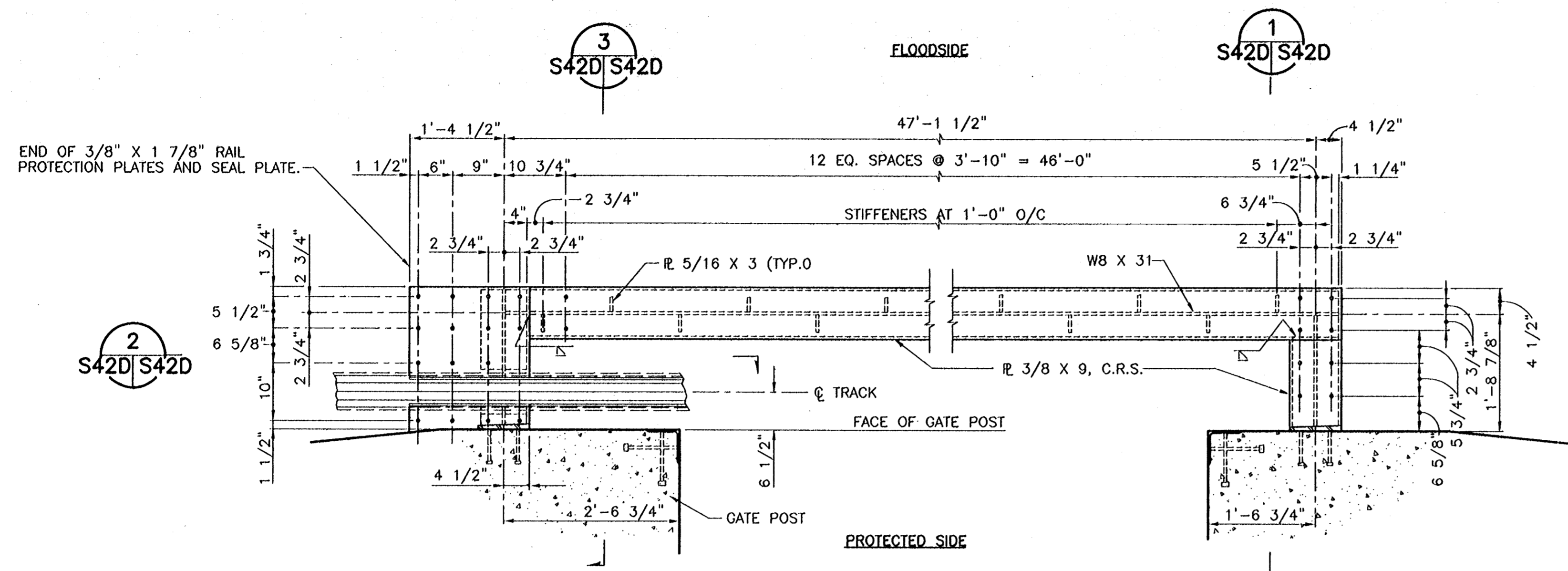


NOTE:
ANCHOR BOLTS NOT
SHOWN FOR CLARITY.

Jan 06, 1998 - 05:27:16 PM FILE: C:\CAD\ACAD\504-008\PROJ-303\STRUCT\RG6TDET1.dwg [Login: Dava]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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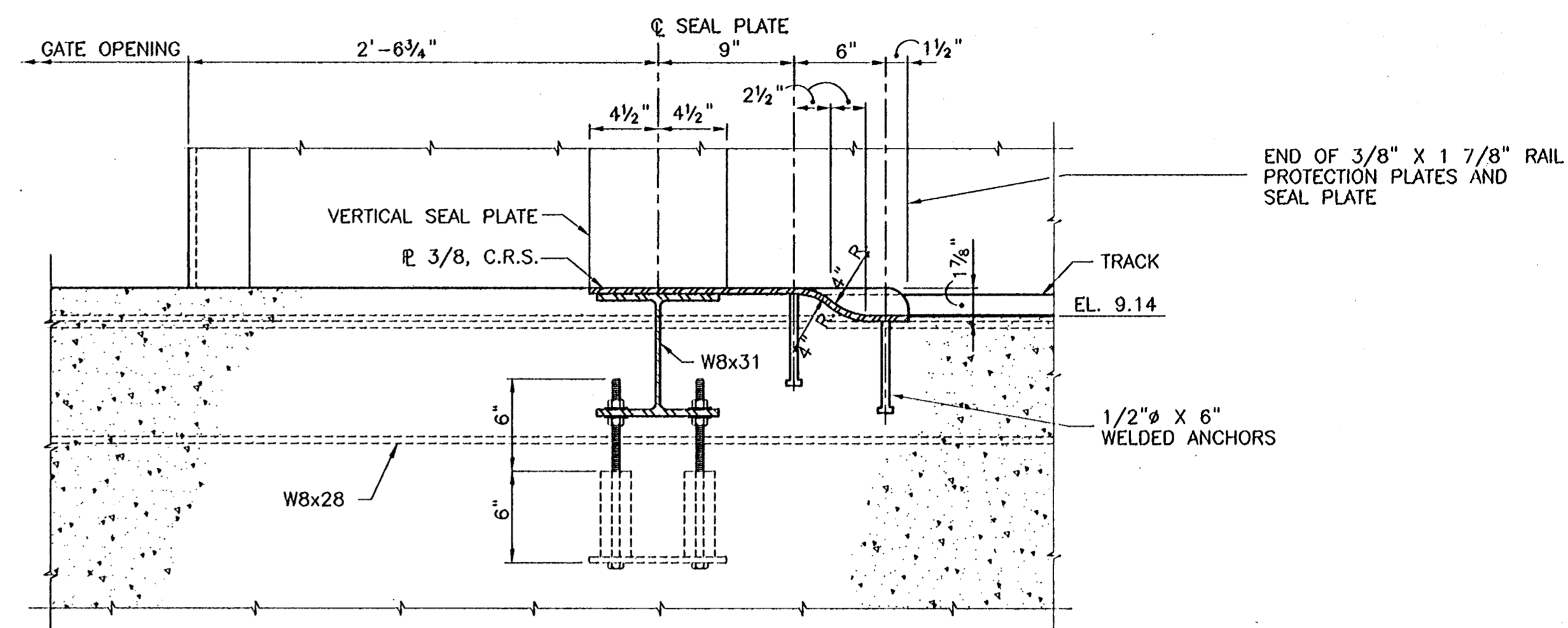
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA	BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 6 SEAL PLATE/SUPPORT BEAM DETAILS
IDENTIFICATION NO. RG6TDET	RECOMMENDED WILLIAM B. CROMARIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-S42C	REQ000303



PLAN OF SEAL PLATE SUPPORT BEAM WITH ANCHOR BOLTS

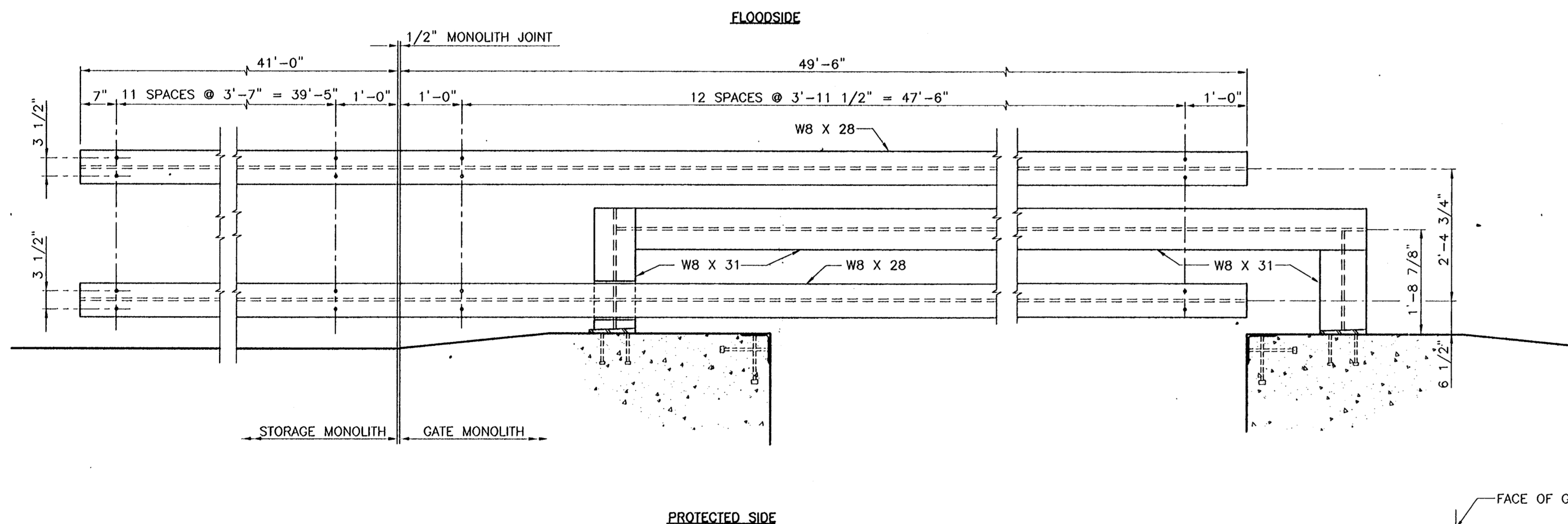
SCALE: 3/4"=1'-0"

NOTE:
IF BOLT HOLES FALL WITHIN 1" OF ϕ OF 5/16" X 3" PLATE, INCREASE OR DECREASE BOLT HOLE SPACING BY 2" TO CLEAR 5/16" PLATE.



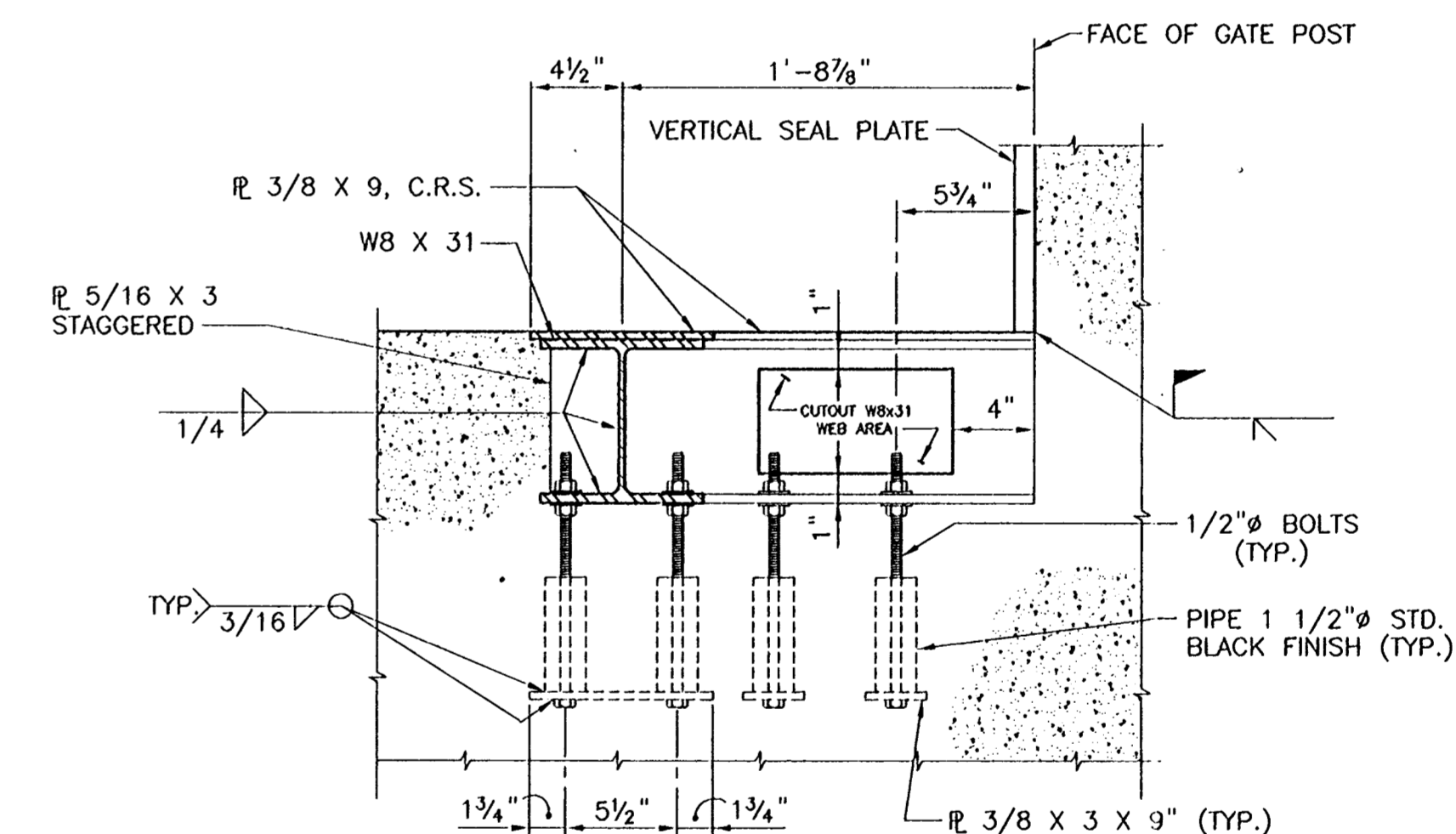
SECTION 2

SCALE: 1 1/2"=1'-0" S42D/S42D=



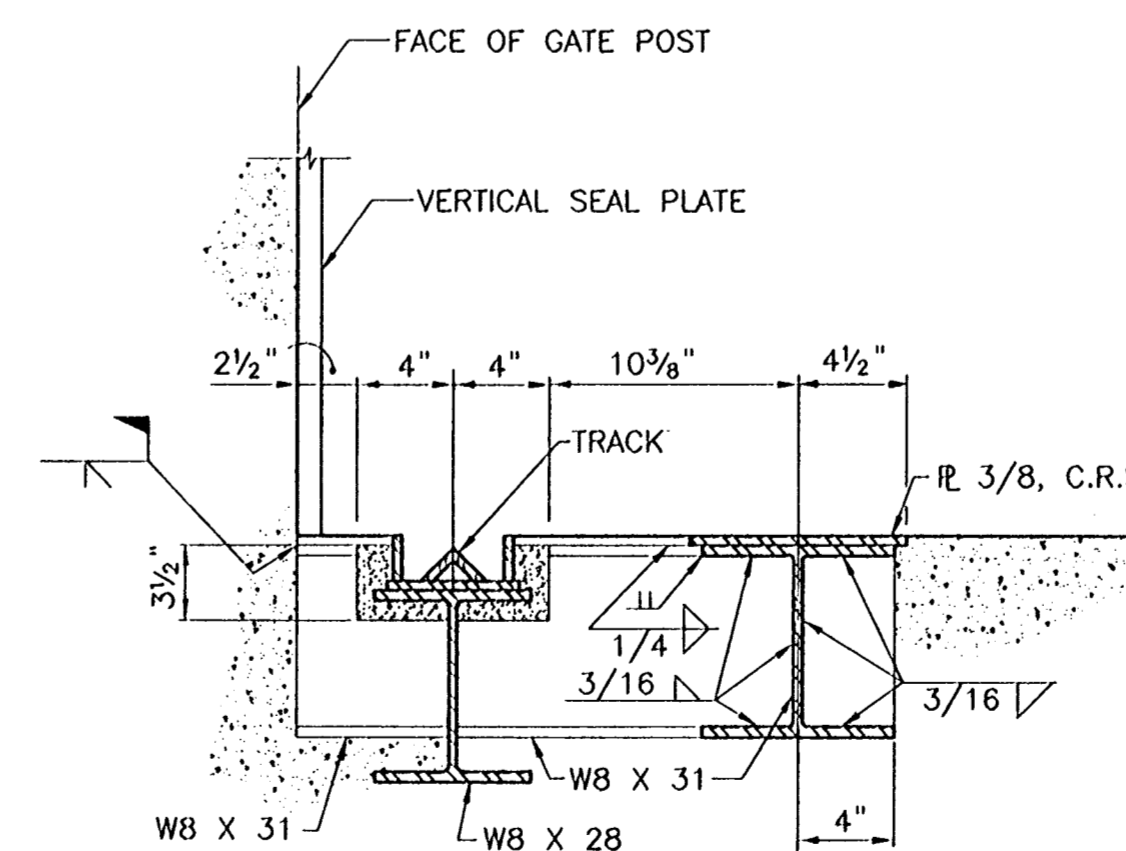
PLAN OF TRACK SUPPORT BEAMS WITH ANCHOR BOLTS

SCALE: 3/4"=1'-0"



SECTION 1

SCALE: 1 1/2"=1'-0" S42D/S42D=



SECTION 3

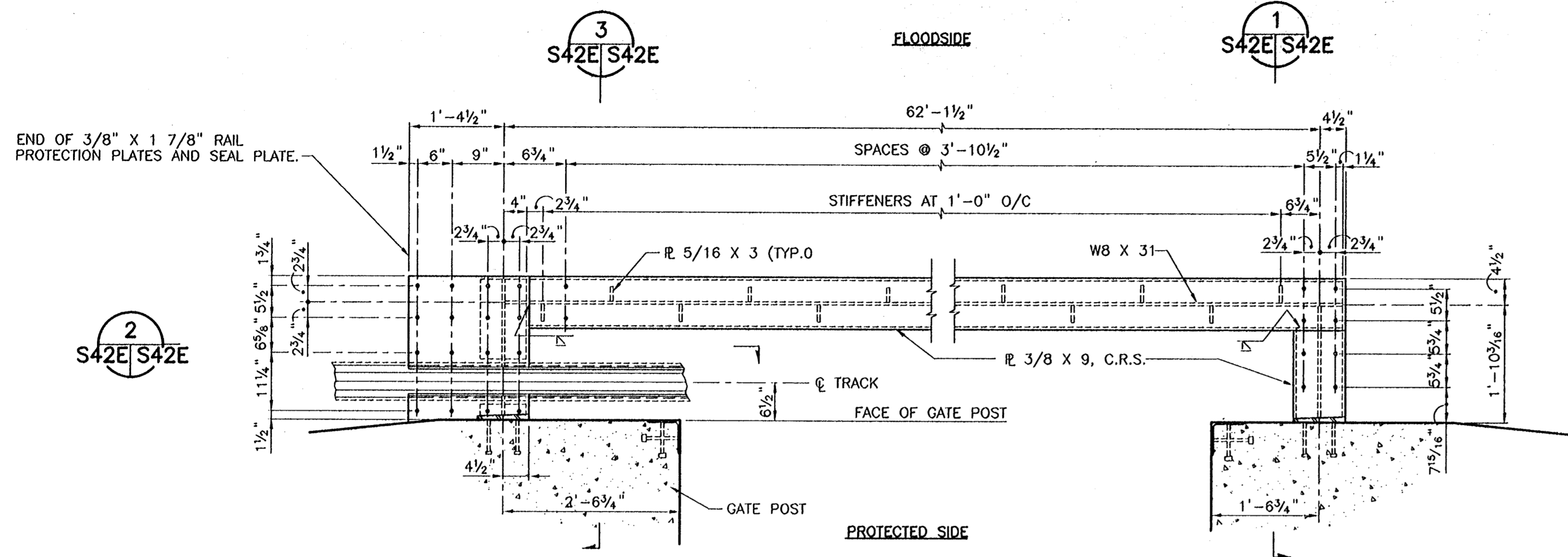
SCALE: 1 1/2"=1'-0" S42D/S42D=

NOTE:
ANCHOR BOLTS NOT SHOWN FOR CLARITY.

JAN 08, 1998 - 08:30:10 P&O FILE: G:\CAD\CAD\504-006\PROJ-003\STRUCT\RG7TDE1 [Login: Dowe]

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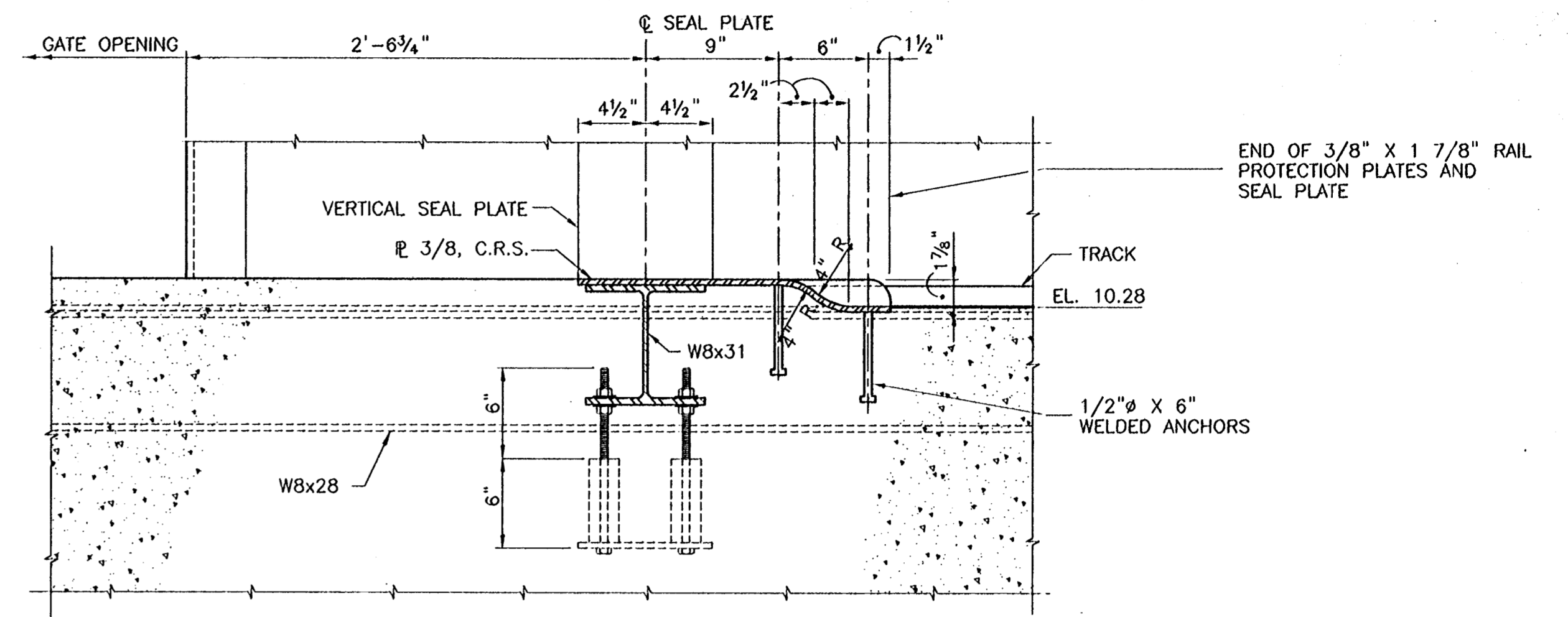
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO.7 SEAL PLATE/SUPPORT BEAM DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RG7TDE		RECOMMENDED WILLIAM B. CRUMMETT, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
D.W.C. NO. M11-7008-S42D		REG000303	



PLAN OF SEAL PLATE SUPPORT BEAM WITH ANCHOR BOLTS

SCALE: 3/4" = 1'-0"

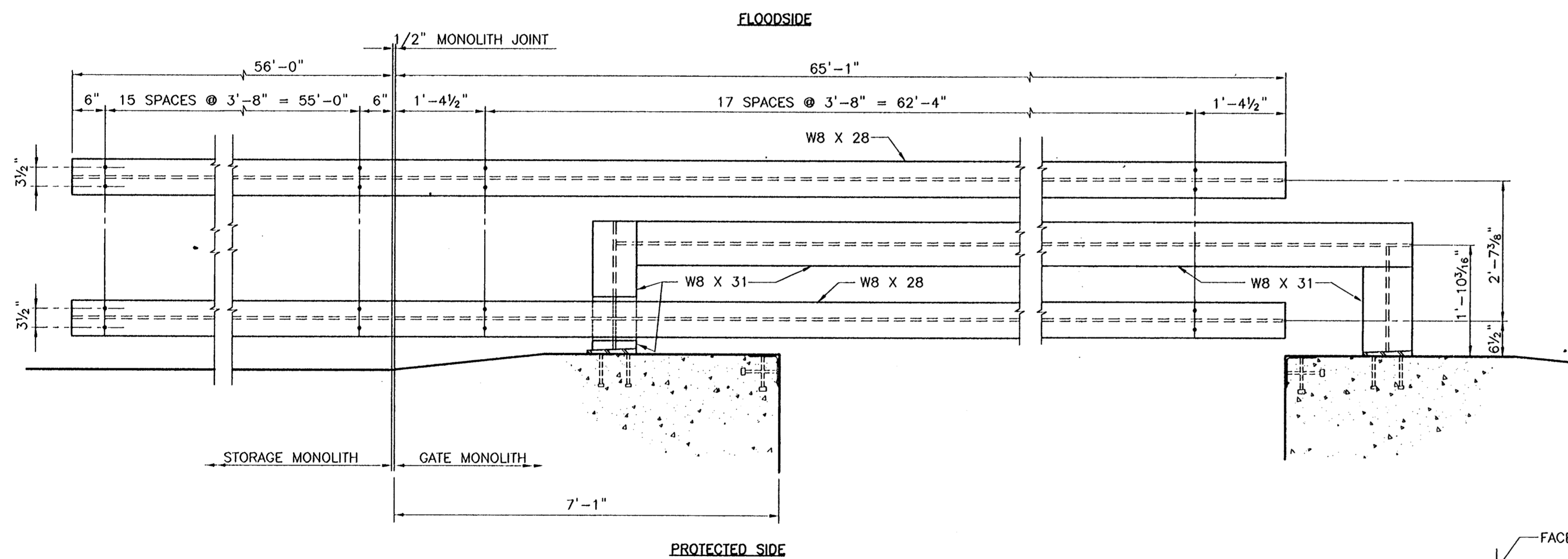
NOTE:
IF BOLT HOLES FALL WITHIN 1" OF ϕ OF 5/16" X 3" PLATE, INCREASE OR DECREASE BOLT HOLE SPACING BY 2" TO CLEAR 5/16" PLATE.



SECTION 2

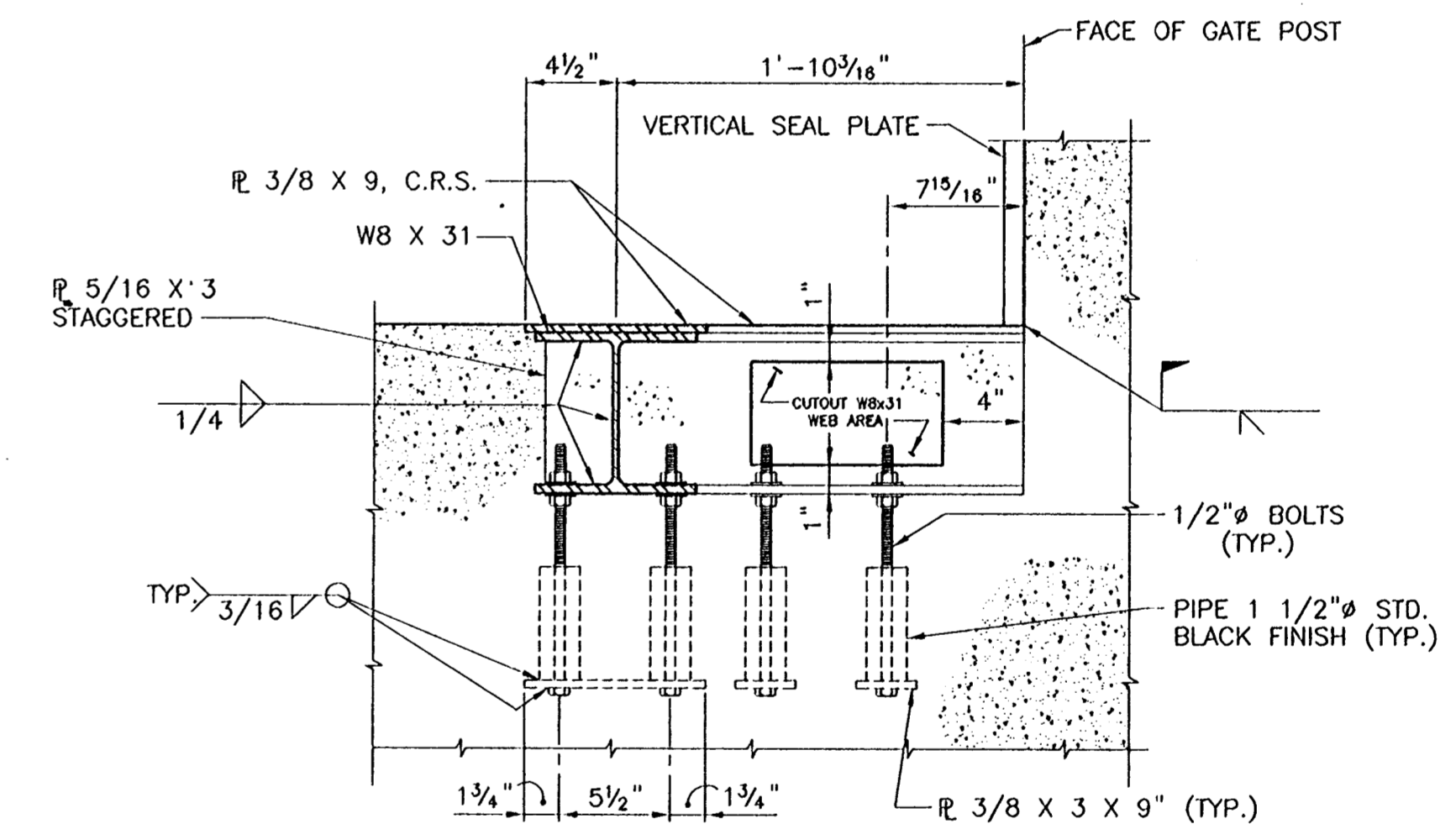
SCALE: 1 1/2" = 1'-0"

S42E/S42E =



PLAN OF TRACK SUPPORT BEAMS WITH ANCHOR BOLTS

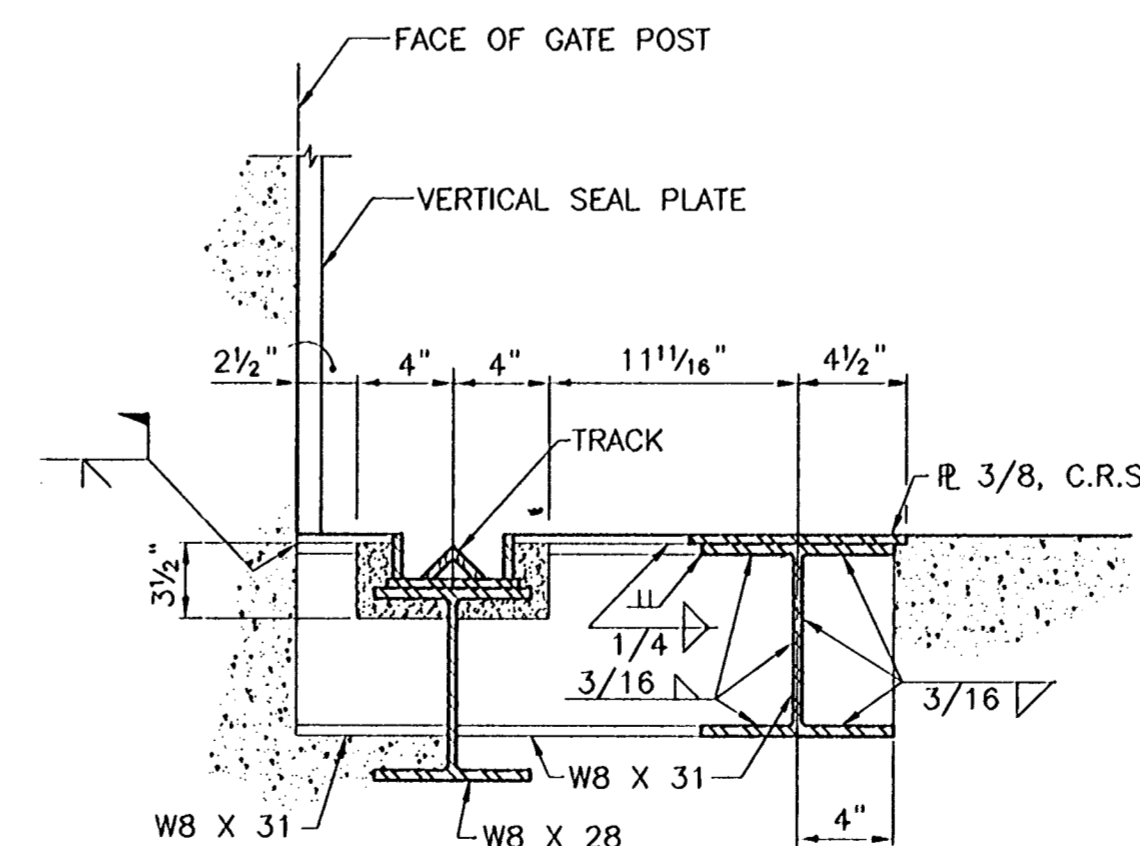
SCALE: 3/4" = 1'-0"



SECTION 1

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

S42E/S42E =



SECTION 3

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

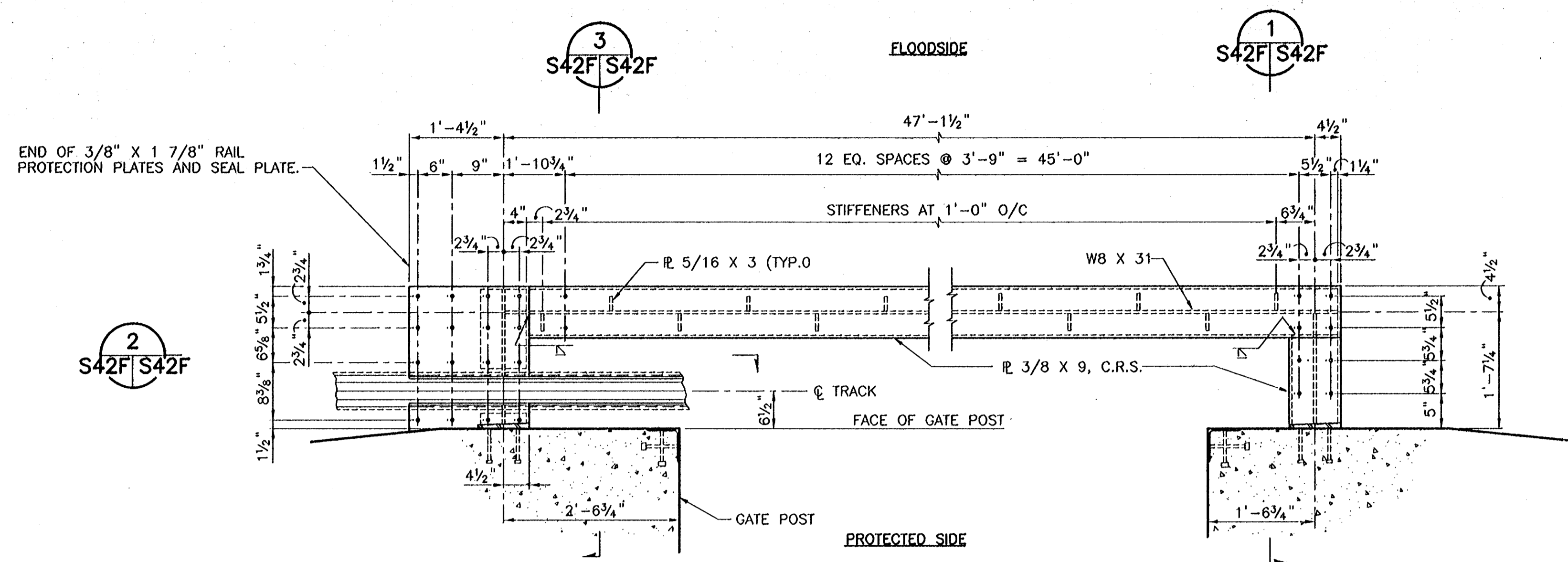
S42E/S42E =

NOTE:
ANCHOR BOLTS NOT SHOWN FOR CLARITY.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 8 SEAL PLATE/SUPPORT BEAM DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RG8TDET		RECOMMENDED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S42E		REG000033	

Jan 08, 1998 - 08:32:20 PLO FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\RG8TDET1 [Login: Dave]

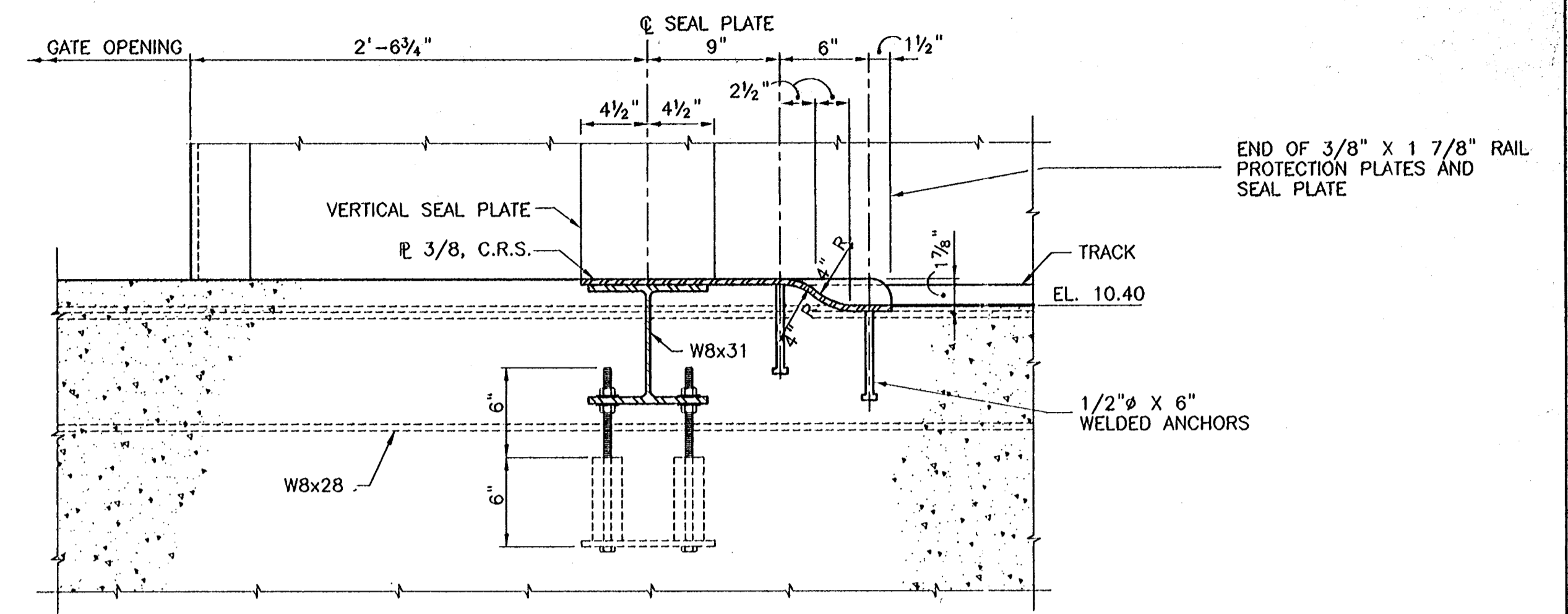
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PLAN OF SEAL PLATE SUPPORT BEAM WITH ANCHOR BOLTS

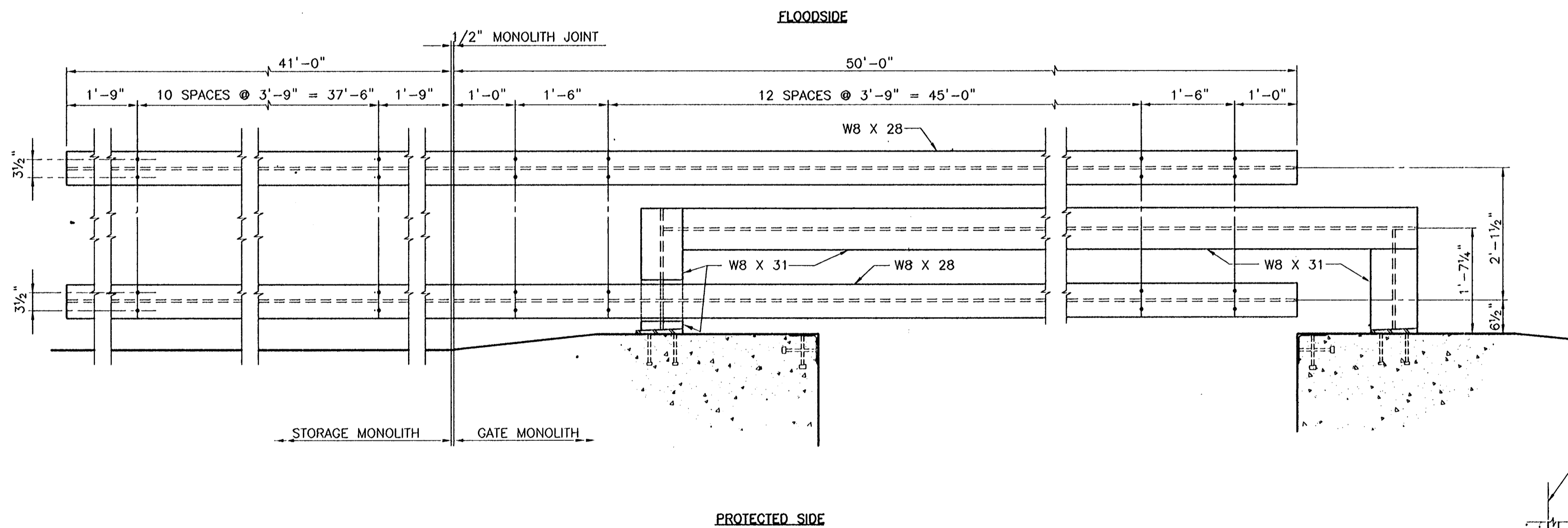
SCALE: 3/4"=1'-0"

NOTE:
IF BOLT HOLES FALL WITHIN 1" OF C
OF 5/16" X 3" PLATE, INCREASE OR
DECREASE BOLT HOLE SPACING BY 2"
TO CLEAR 5/16" PLATE.



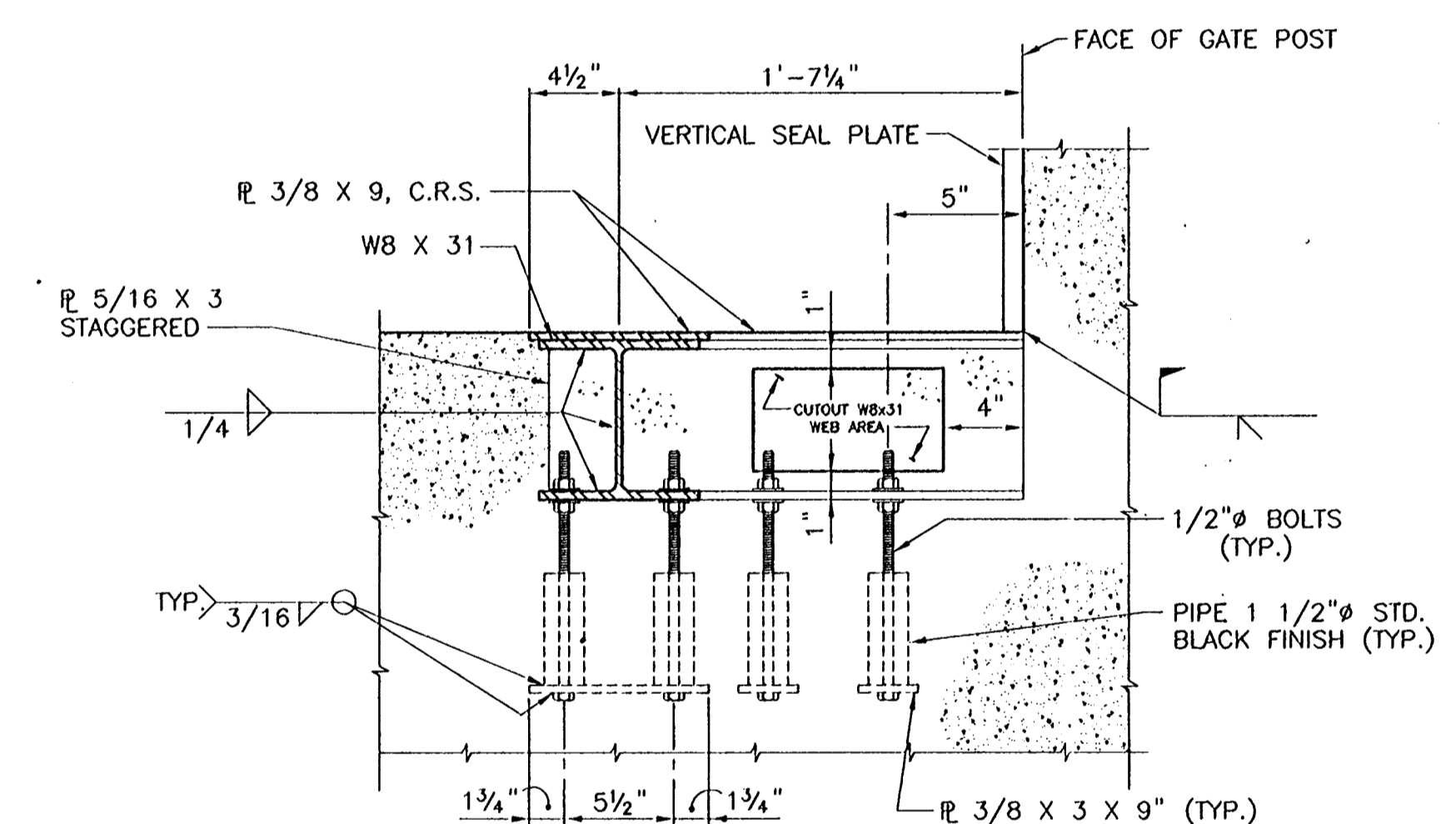
SECTION 2

SCALE: 1 1/2"=1'-0" S42F S42F



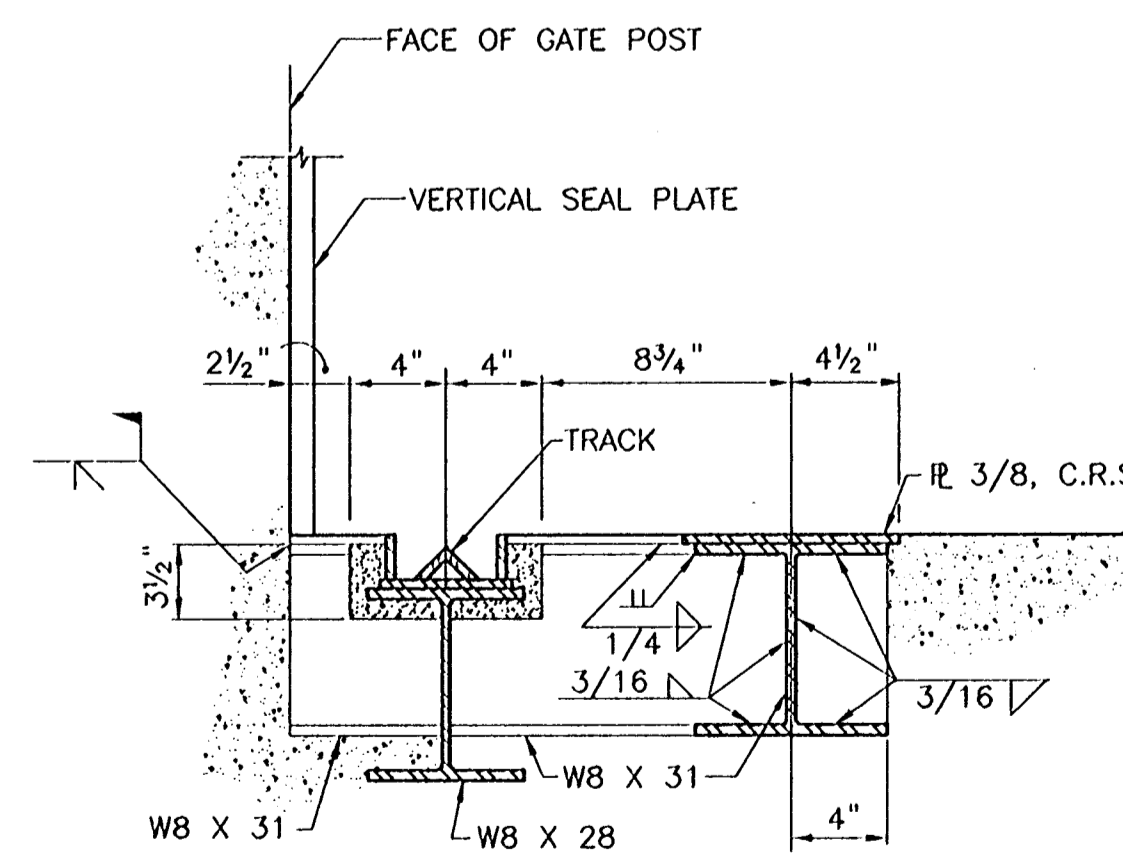
PLAN OF TRACK SUPPORT BEAMS WITH ANCHOR BOLTS

SCALE: 3/4"=1'-0"



SECTION 1

SCALE: 1 1/2"=1'-0" S42F S42F



SECTION 3

SCALE: 1 1/2"=1'-0" S42F S42F

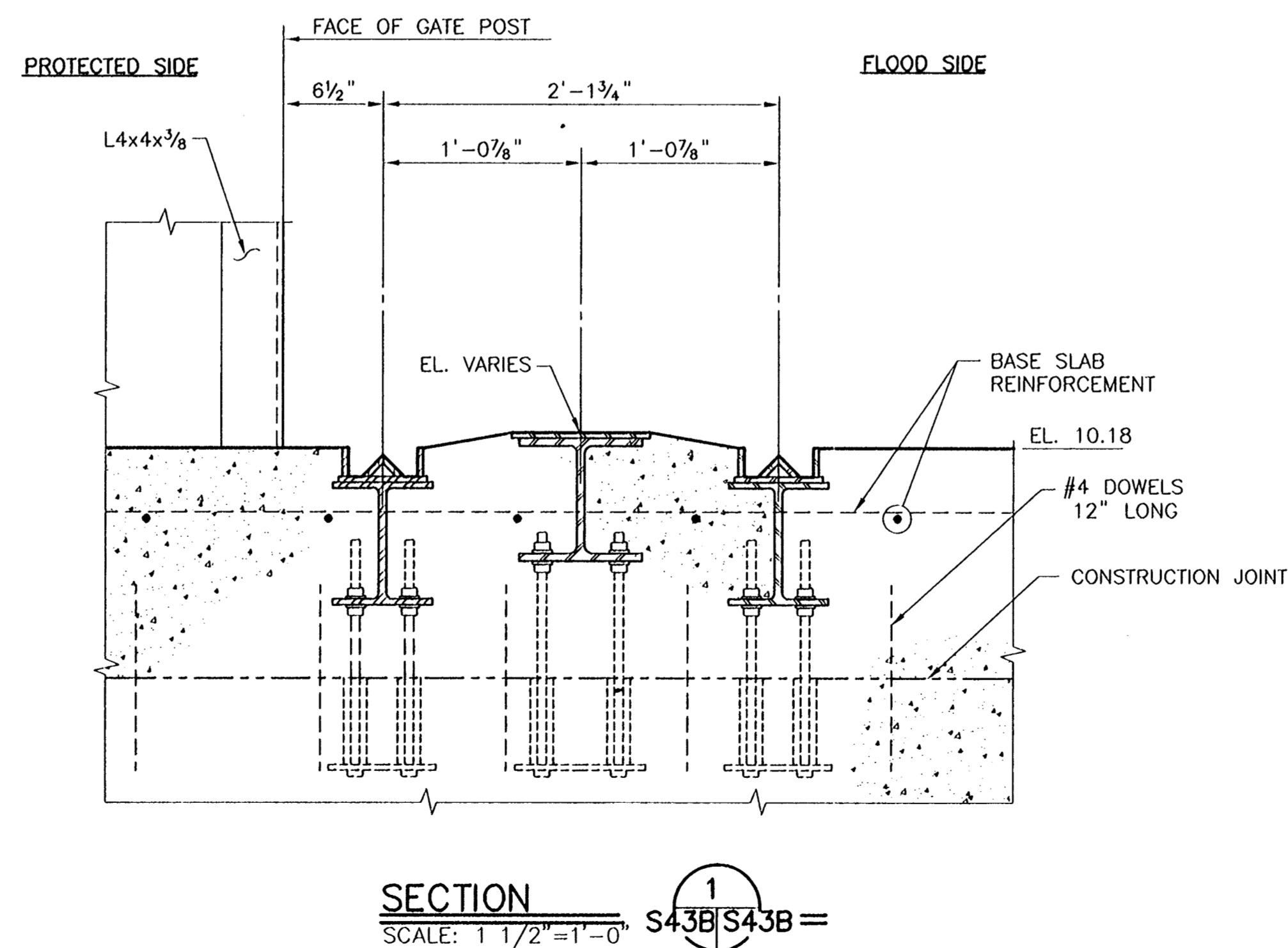
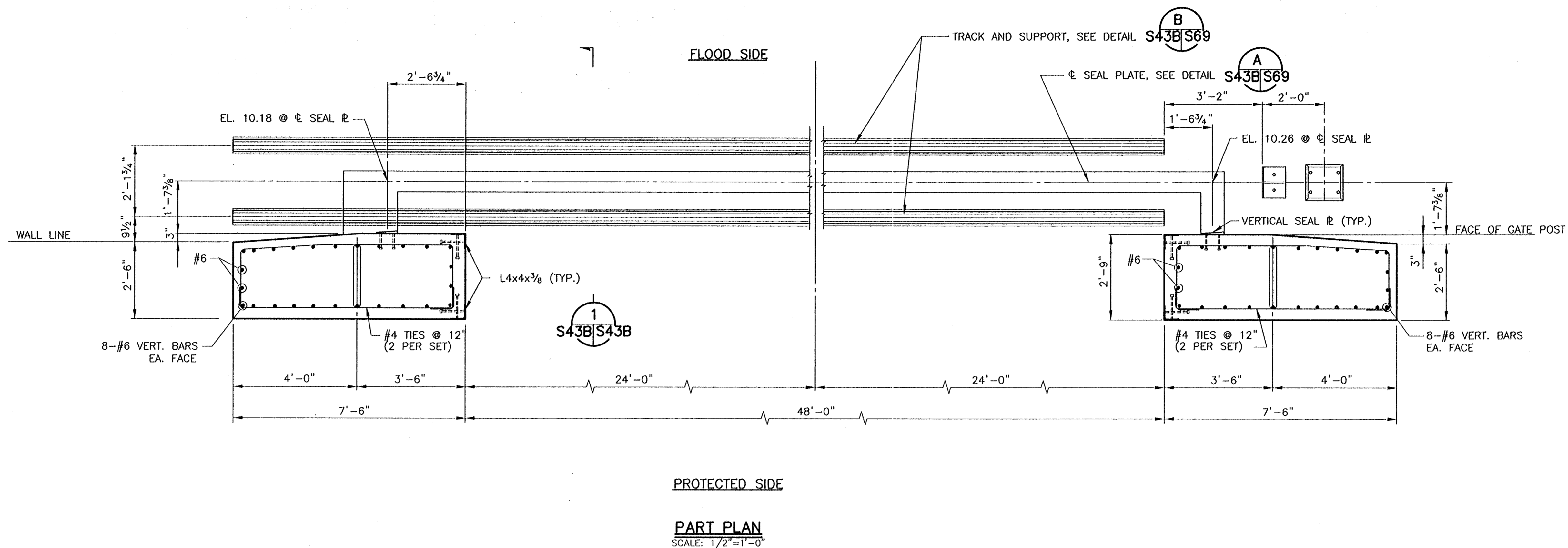
NOTE:
ANCHOR BOLTS NOT
SHOWN FOR CLARITY.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO.9 SEAL PLATE/SUPPORT BEAM DETAILS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>B.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	RECOMMENDED _____ APPROVED _____ WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER XYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
IDENTIFICATION NO. RC9TDET		DWG. NO. M11-7008-S42F	

Jan 08, 1998 - 09:34:50 PM - FILE: G:\CAD\ACAD\504-004\PROJ-303\STRUCT\RC9TDET1 [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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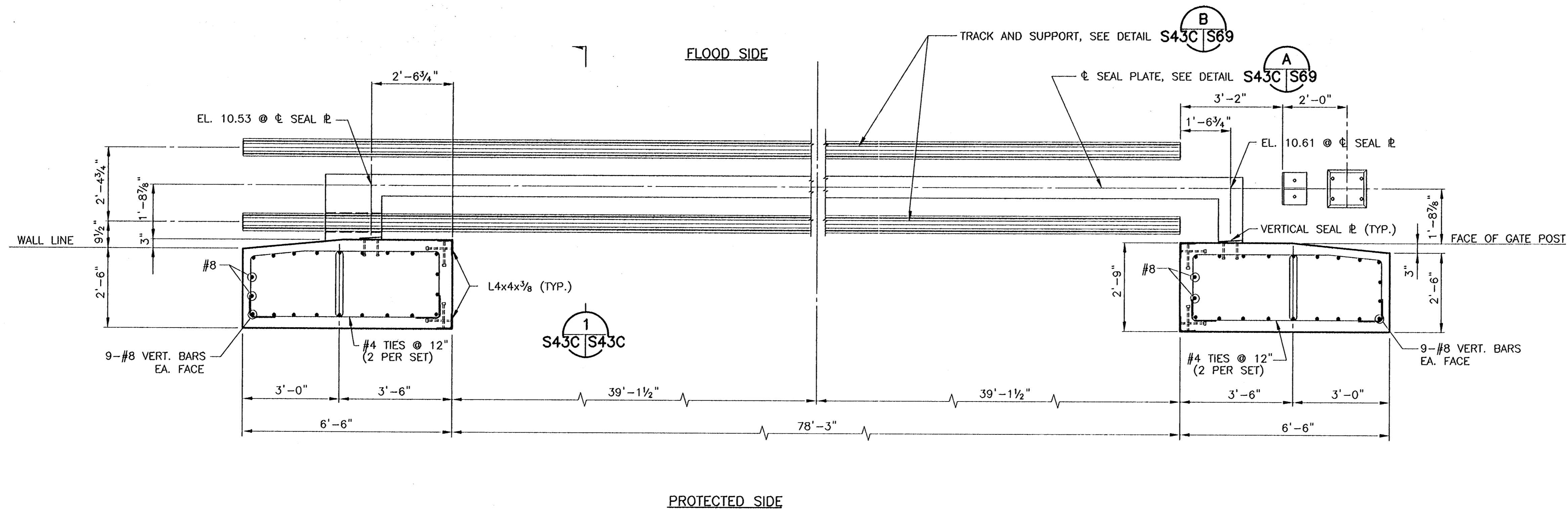
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	73



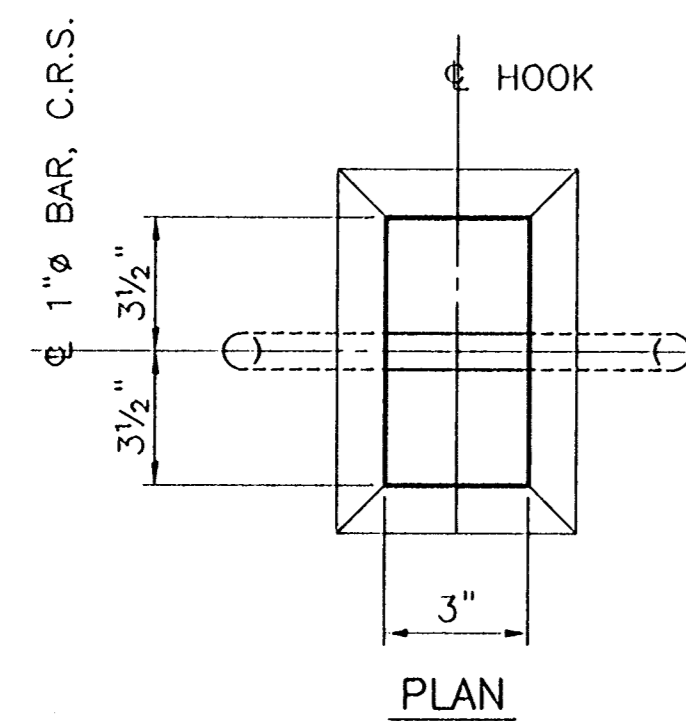
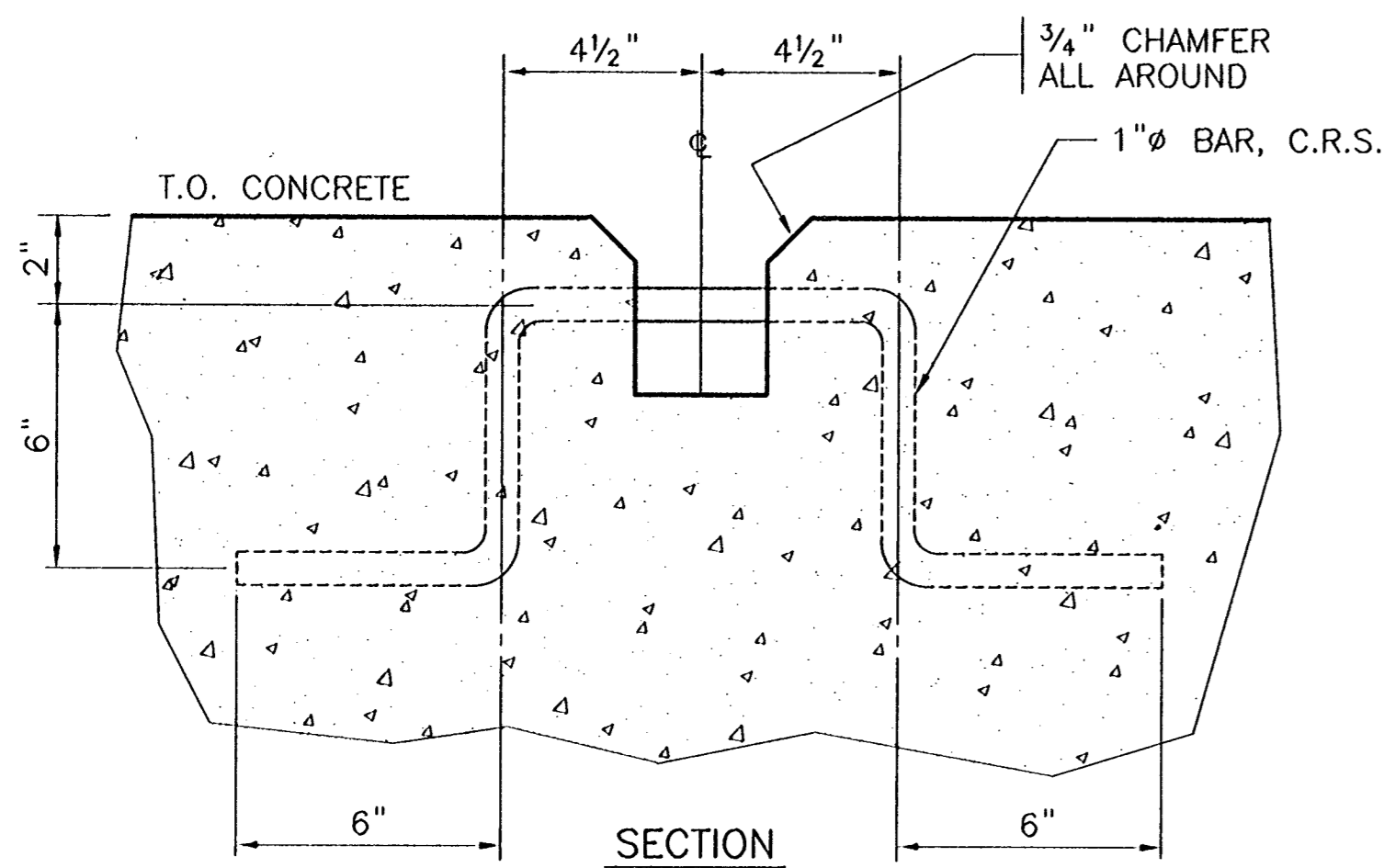
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REV. 1	BY	DATE	REV. 2	BY	DATE	REV. 3	BY	DATE	REV. 4	BY	DATE	REV. 5	BY	DATE	REV. 6	BY	DATE
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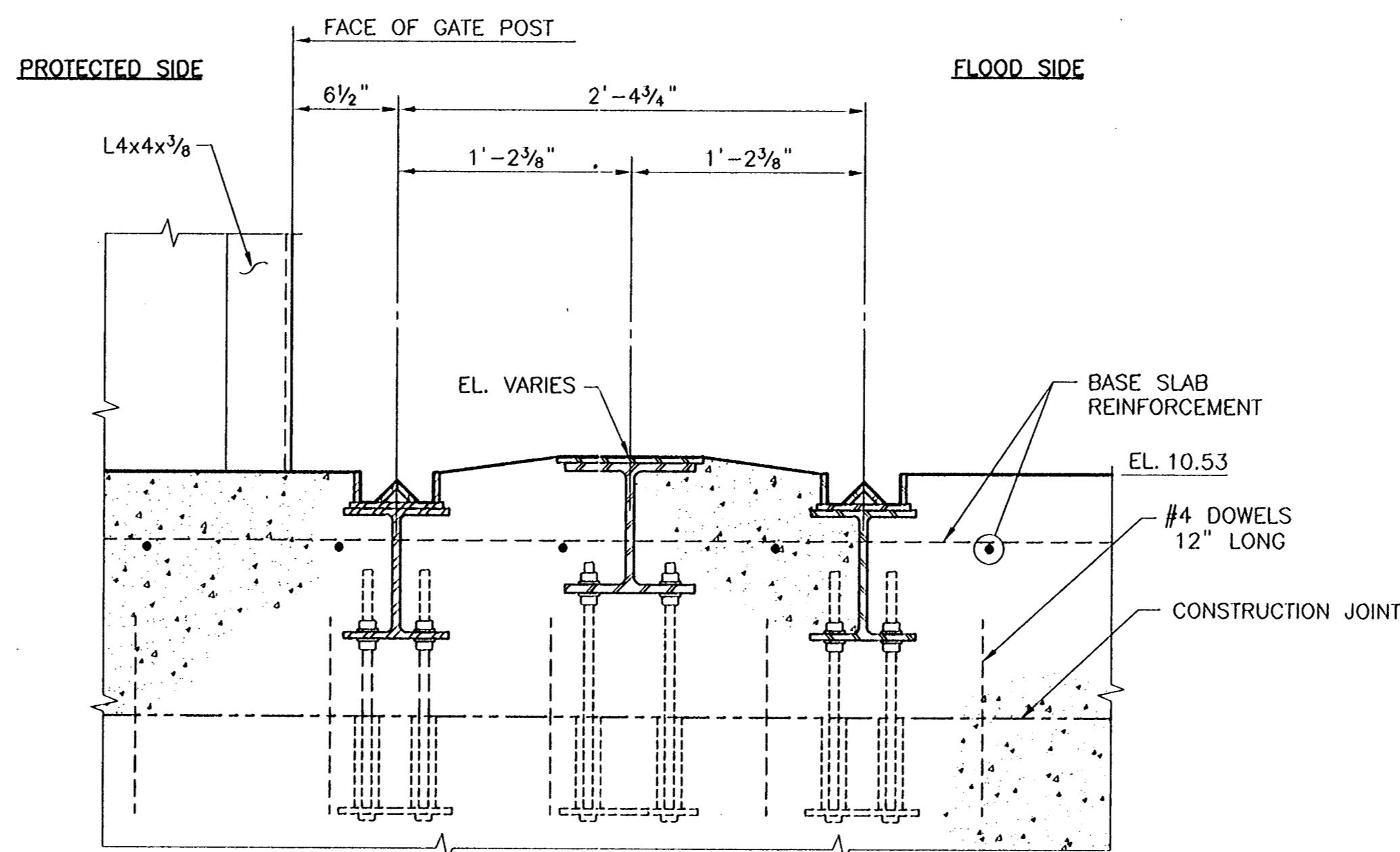
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 38+13.01 TO STA. 08+02.36 ROLLER GATE NO. 5 PART PLAN AND SECTION	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1988</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
RECOMMENDED <u>William B. Gromartie, P.E.</u> PROJECT ENGINEERING MANAGER		APPROVED <u>Wyle C. Jones, P.E.</u> DIRECTOR OF ENGINEERING	
IDENTIFICATION NO. RGSTDET2		DWG. NO. M11-7008-S43B	



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



DETAIL
SCALE: 3"=1'-0"

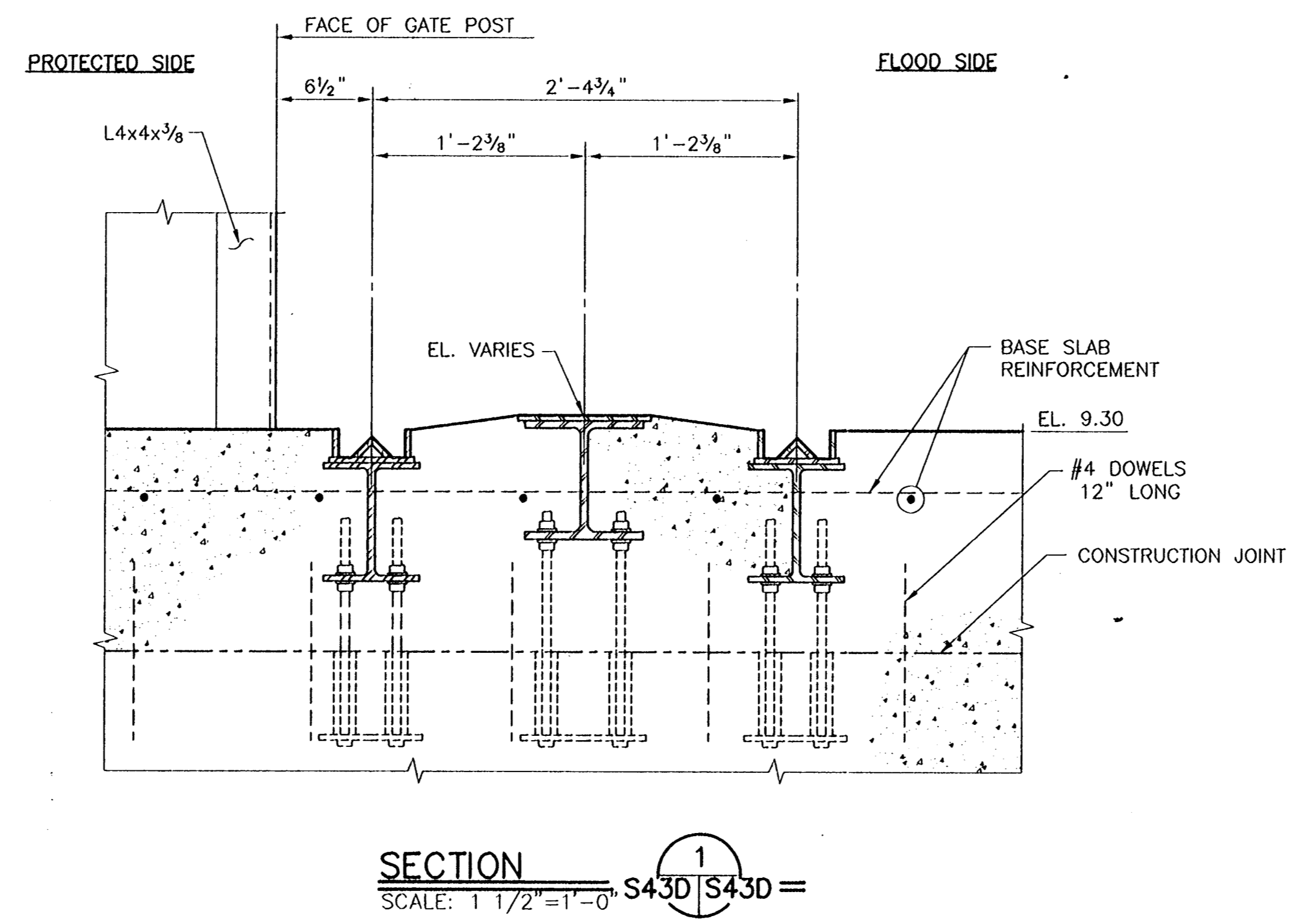
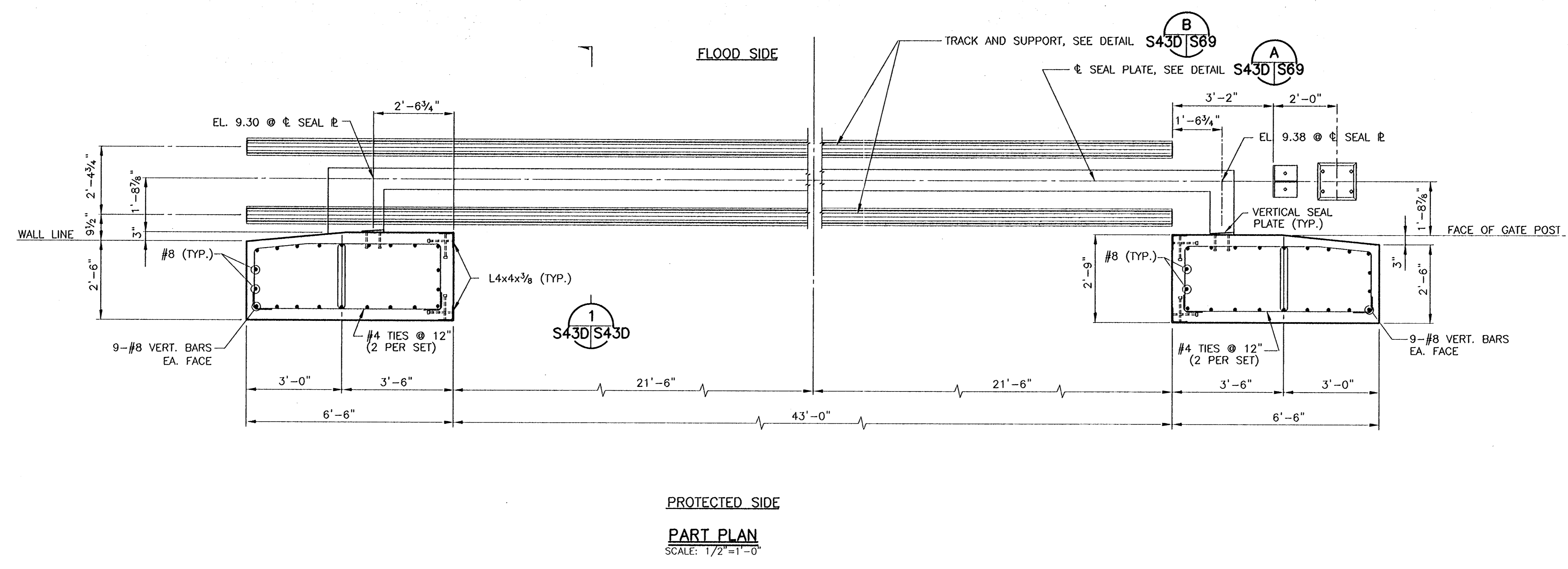


SECTION
SCALE: 1 1/2"=1'-0"

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 6 PART PLAN AND SECTION	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RG6TDE2		RECOMMENDED WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S43C		REOF000303	

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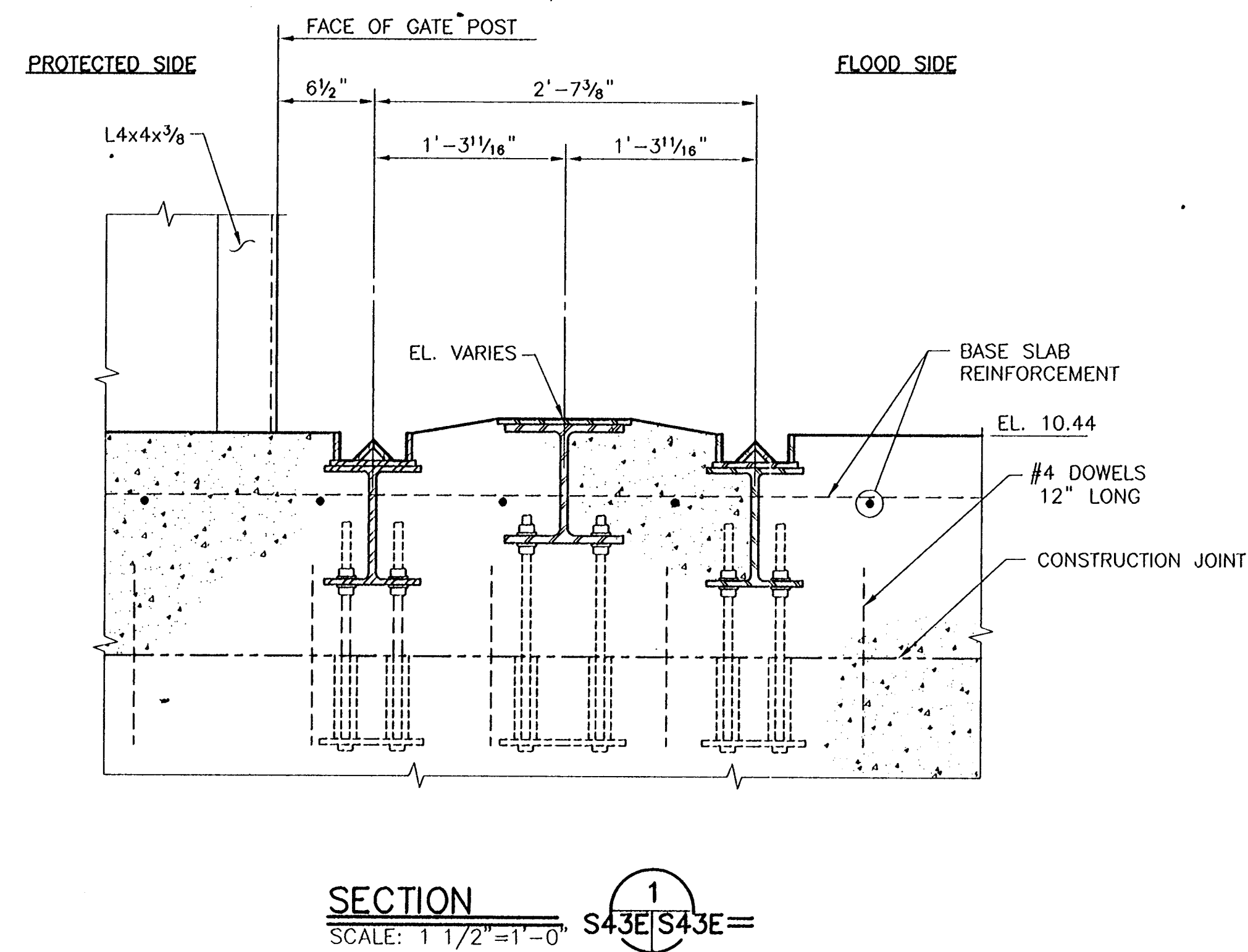
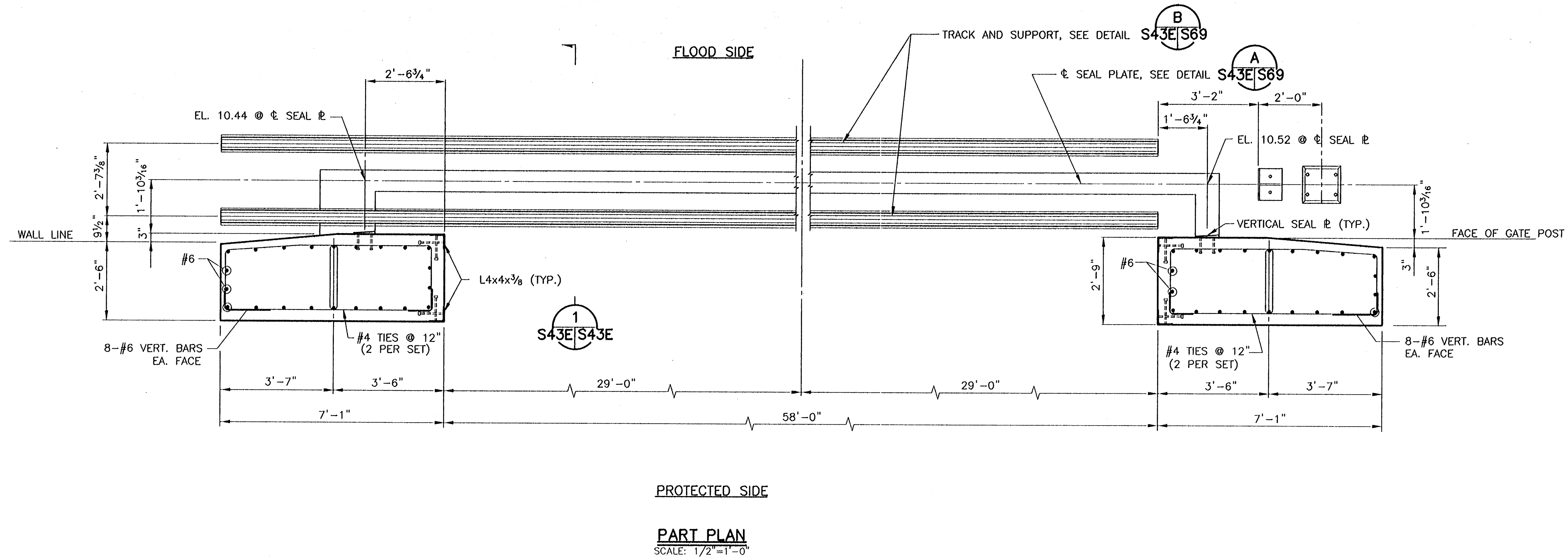
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
7			6			5			4			3			2		



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 7 PART PLAN AND SECTION	
DRAWN: J.M.R. DESIGNED: J.E.H. CHECKED: G.P.F. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RG7DE12		RECOMMENDED: _____ APPROVED: _____ WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S43D		REOF000303	

2018 08 15 08:45 AM FILE C:\CAD\1040\1040-008\PROJ-2018\STRUCT\1040T7512121 (Logon: Dava)

REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
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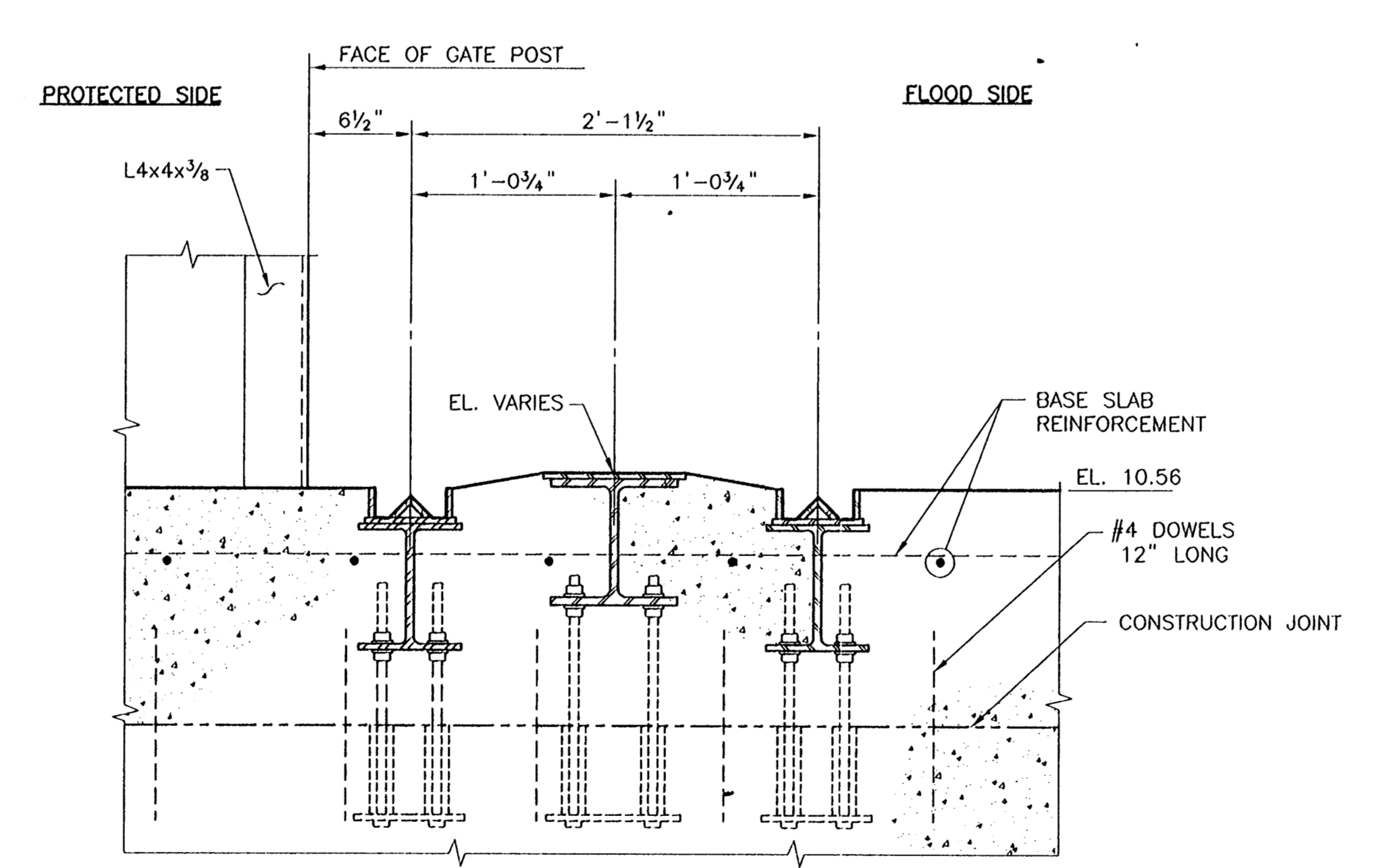
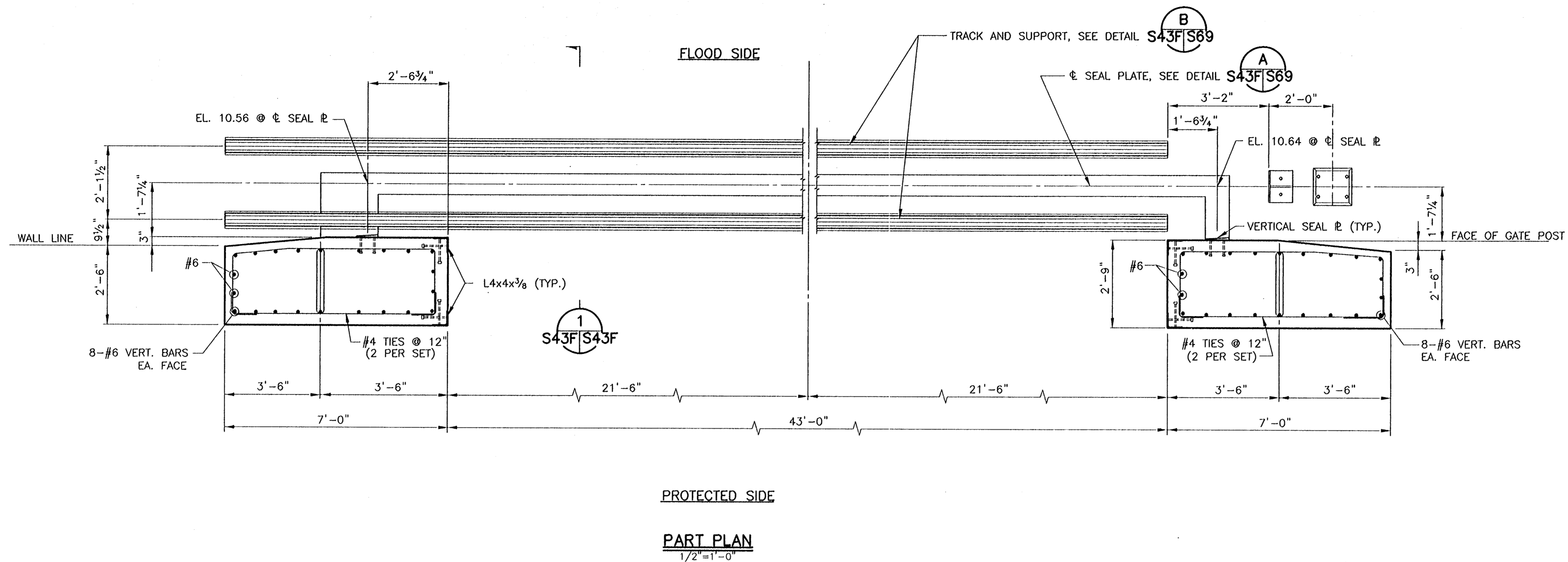


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 8 PART PLAN AND SECTION	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>AS SHOWN</u> RECOMMENDED <u>WILLIAM B. CROMARTIE, P.E.</u> PROJECT ENGINEERING MANAGER APPROVED <u>RILEY C. JONES, P.E.</u> DIRECTOR OF ENGINEERING	
IDENTIFICATION NO. RG8TDET2		DWG. NO. M11-7008-S43E	

Jan 08, 1998 - 10:10:51 P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\RG8TDET2 [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	77



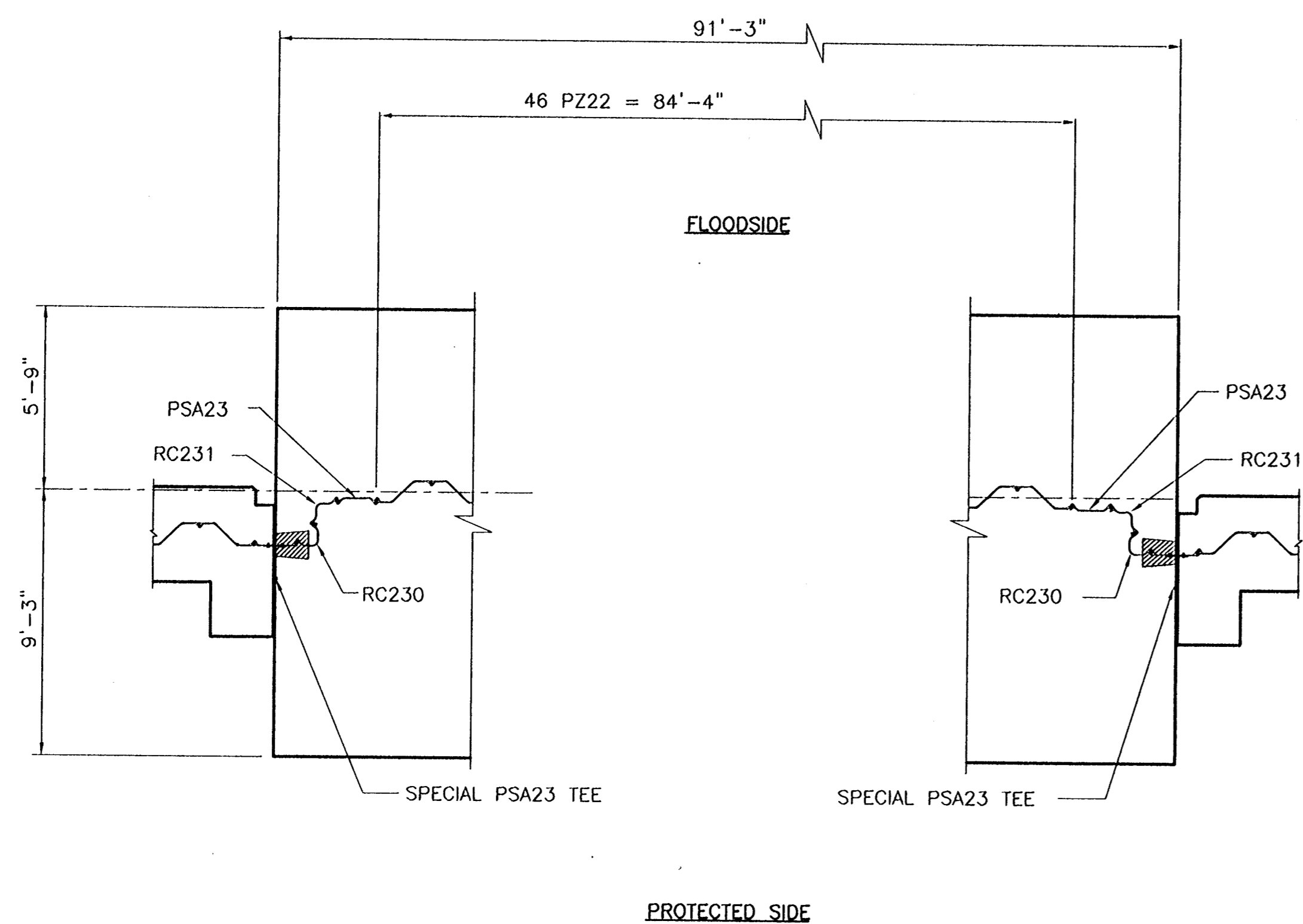
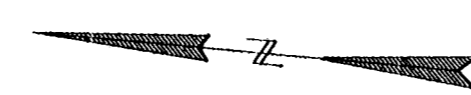
SECTION 1
SCALE: 1/2"=1'-0" S43F/S43F =

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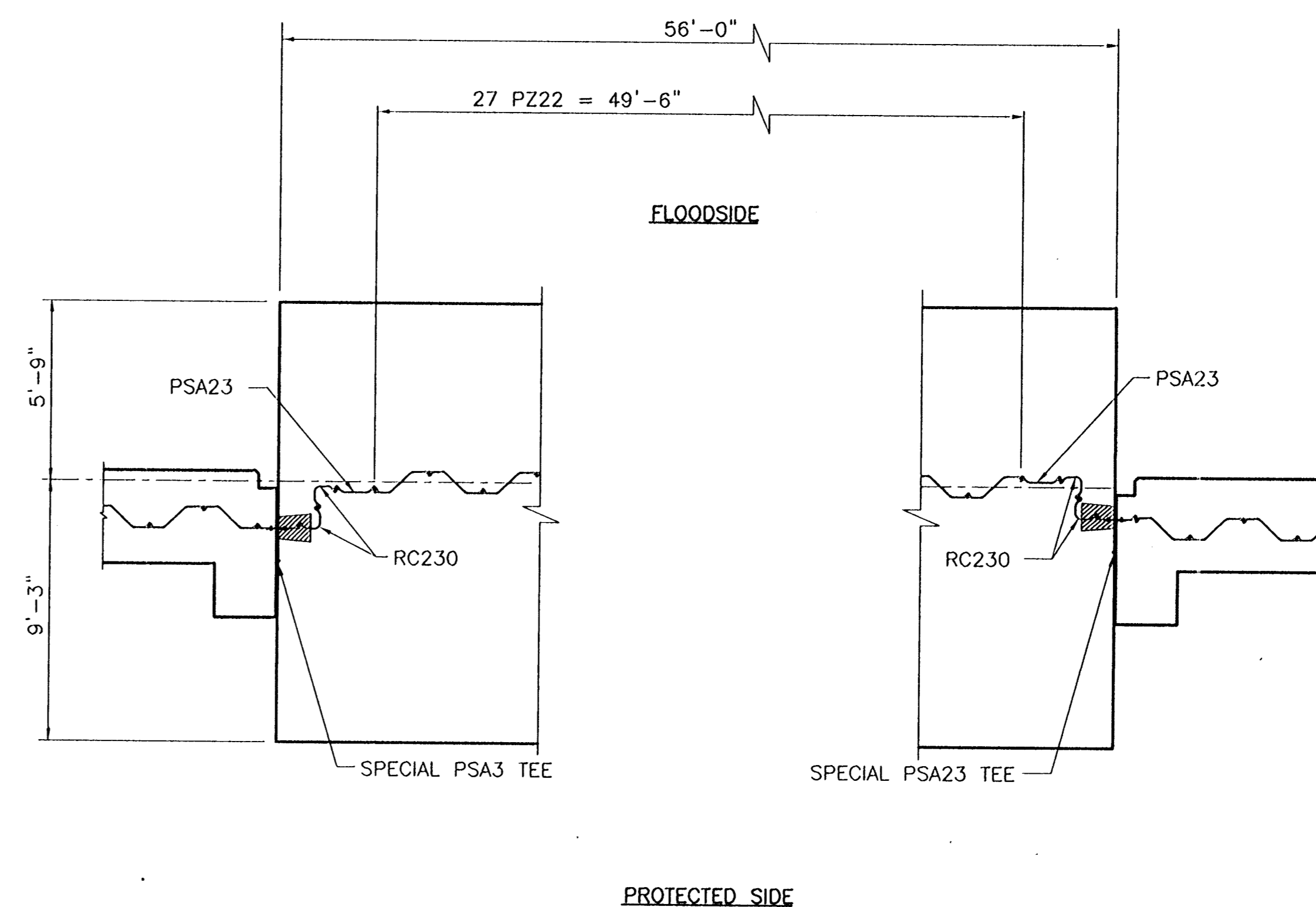
REV. 1	BY	DATE	REV. 6	BY	DATE	REV. 9	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 89+82.36 ROLLER GATE NO. 9 PART PLAN AND SECTION	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED B.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	IDENTIFICATION NO. RG9TDET2	
		WILLIAM B. CHAMBERLAIN, P.E. PROJECT ENGINEERING MANAGER KEE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S43F		REOF000303	

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	78



SHEET PILE LAYOUT FOR GATE NO. 6
SCALE: 1/4" = 1'-0"

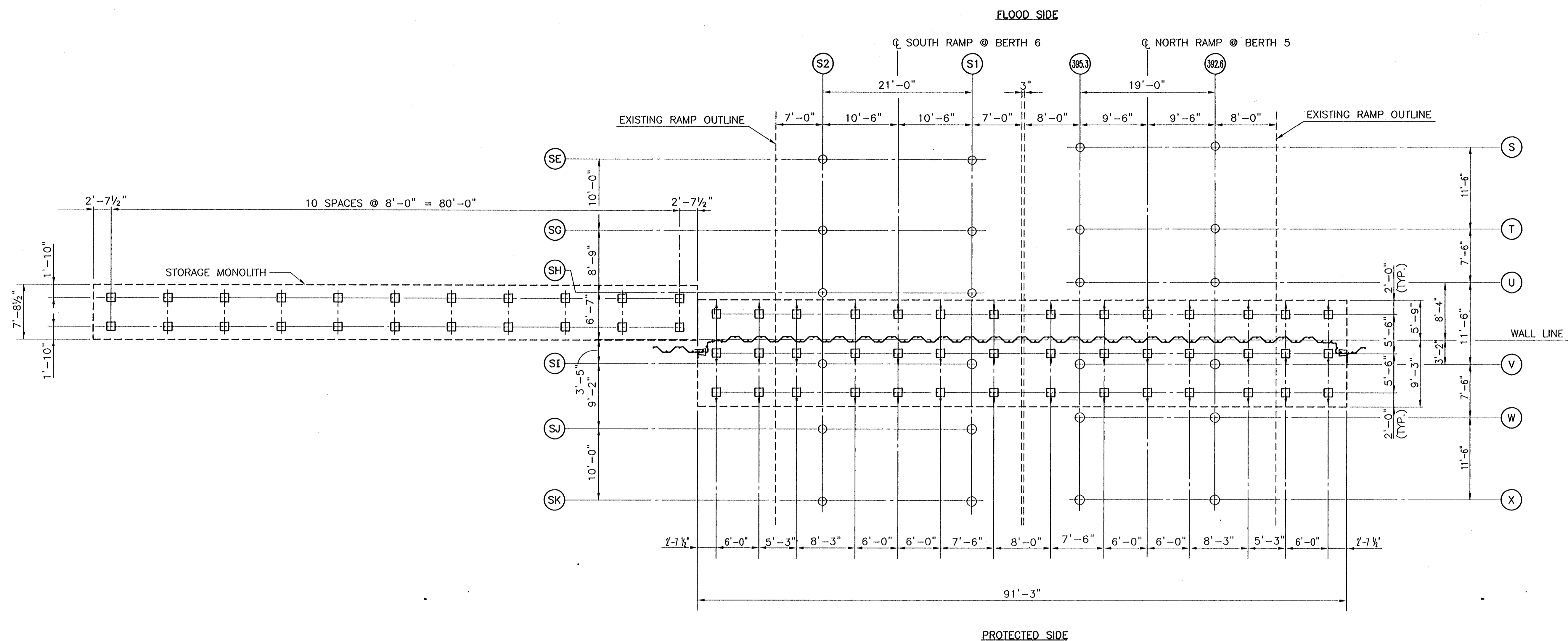


SHEET PILE LAYOUT FOR GATE NO. 7
SCALE: 1/4" = 1'-0"

Jun 06, 1998 - 10:18:56 PM FILE: G:\CAD\ACAD\04-006\PROJ-303\STRUCT\ROLLDET [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NOS. 6 & 7 SHEET PILE LAYOUT	
		DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	
IDENTIFICATION NO. ROLLEDET		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
RECOMMENDED WILLIAM B. CHAMBERLAIN, P.E. PROJECT ENGINEERING MANAGER		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S44		REFP000303	



FLOODGATE MONOLITH PILE PLAN AT GATE NO. 6

SCALE 1/8" = 1'-0"

LEGEND

- 14" SQ. PRECAST PRESTRESSED VERTICAL CONCRETE PILE
- ▤ 14" SQ. PRECAST PRESTRESSED CONCRETE PILE BATTER 1:4
- ▥ 14" SQ. PRECAST PRESTRESSED CONCRETE PILE BATTER 1:3
- EXISTING PIPE PILES (14"Ø SOUTH RAMP BERTH 6; 12¾"Ø NORTH RAMP BERTH 5)

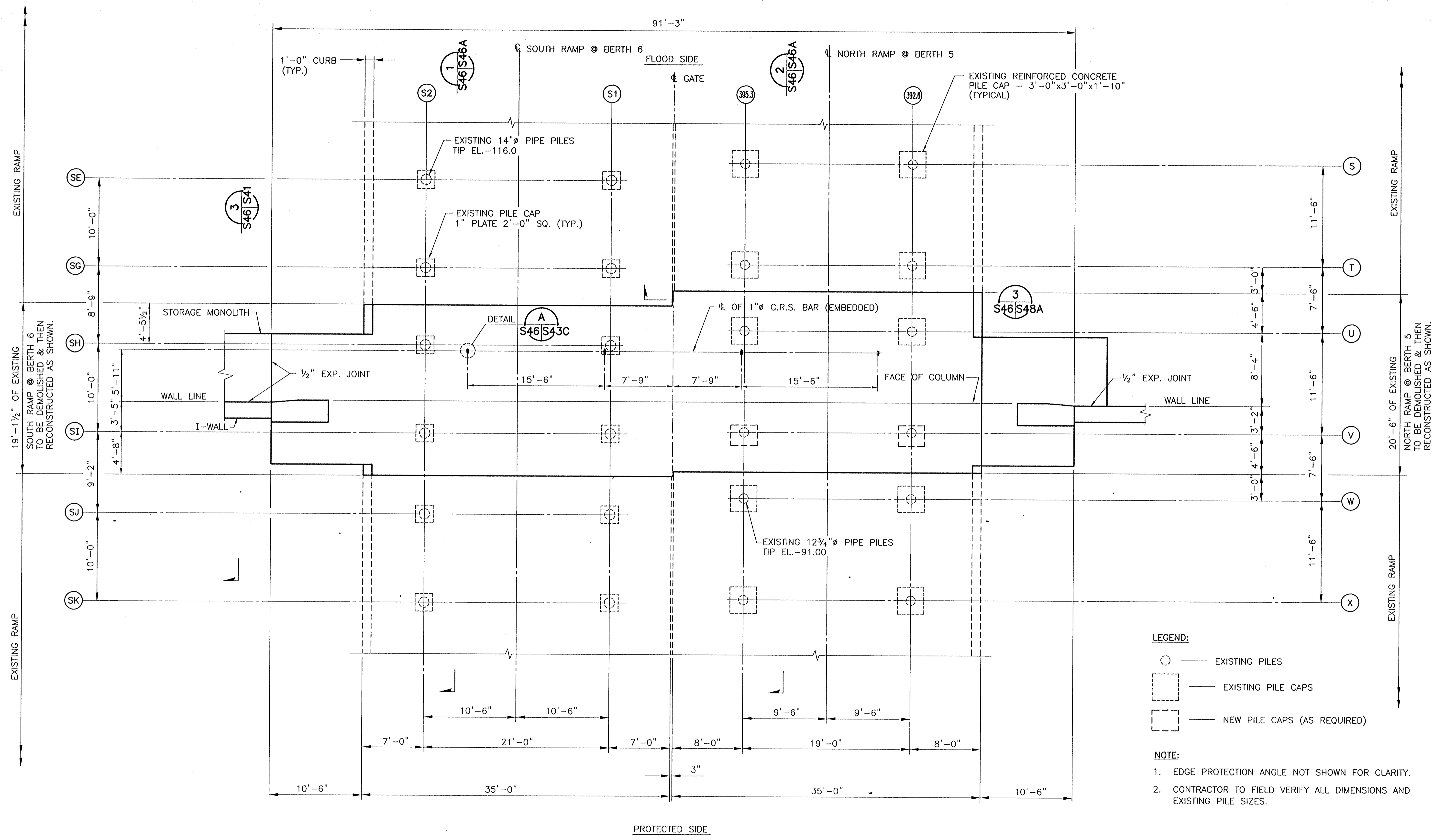
NOTES:

1. 14" SQ. PRECAST PRESTRESSED CONCRETE PILES:
TIP EL. -84.00
2. PILOT HOLES FOR THE 14" SQ. PRECAST PRESTRESSED CONCRETE PILES
SHALL BE NO GREATER THAN 11" IN DIAMETER AND DRILLED OR PUNCHED
TO A MAXIMUM DEPTH OF 15 FEET.

JAN 08, 1998 - 10:21:48 PM FILE: G:\CAD\ACAD\504-008\PROJ-303\STRUCT\GATE6 [Login: Dava]

REV. 1	BY	DATE	REV. 2	BY	DATE	REV. 3	BY	DATE	REV. 4	BY	DATE	REV. 5	BY	DATE	REV. 6	BY	DATE

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 FLOODGATE PILE PLAN AT GATE NO. 6	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE 1/8" = 1'-0" IDENTIFICATION NO. GATE 6 WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER DWG. NO. M11-7008-S45	

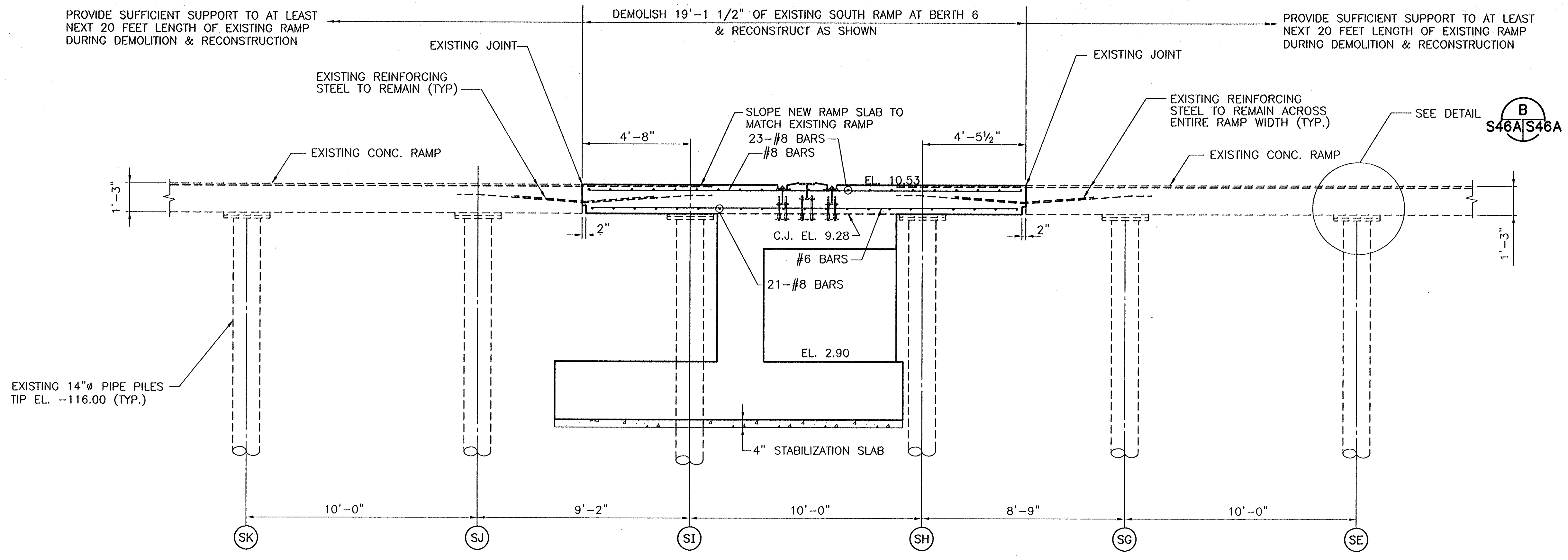


GATE NO. 6 - GENERAL ARRANGEMENT
3/16" = 1'-0"

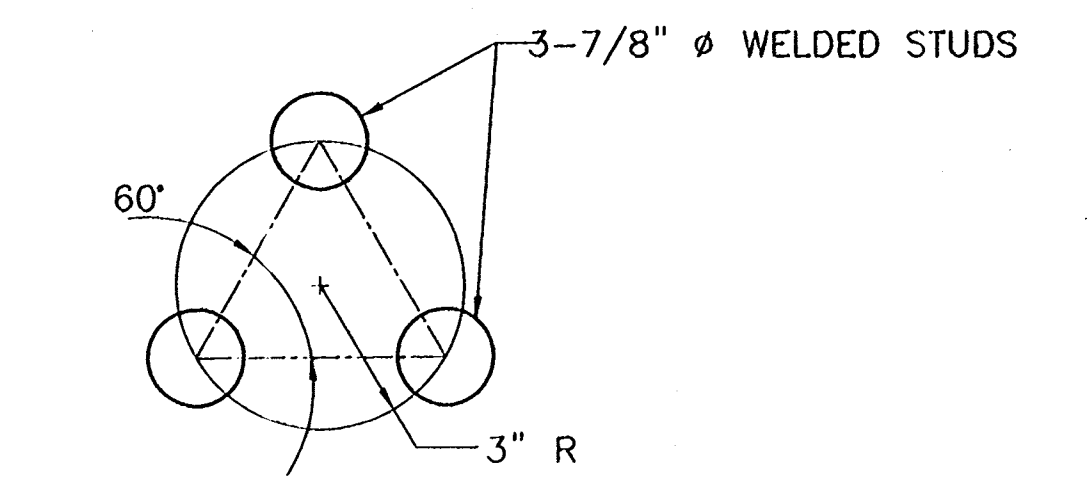
- LEGEND:**
- — EXISTING PILES
 - — EXISTING PILE CAPS
 - — NEW PILE CAPS (AS REQUIRED)
- NOTE:**
- EDGE PROTECTION ANGLE NOT SHOWN FOR CLARITY.
 - CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND EXISTING PILE SIZES.

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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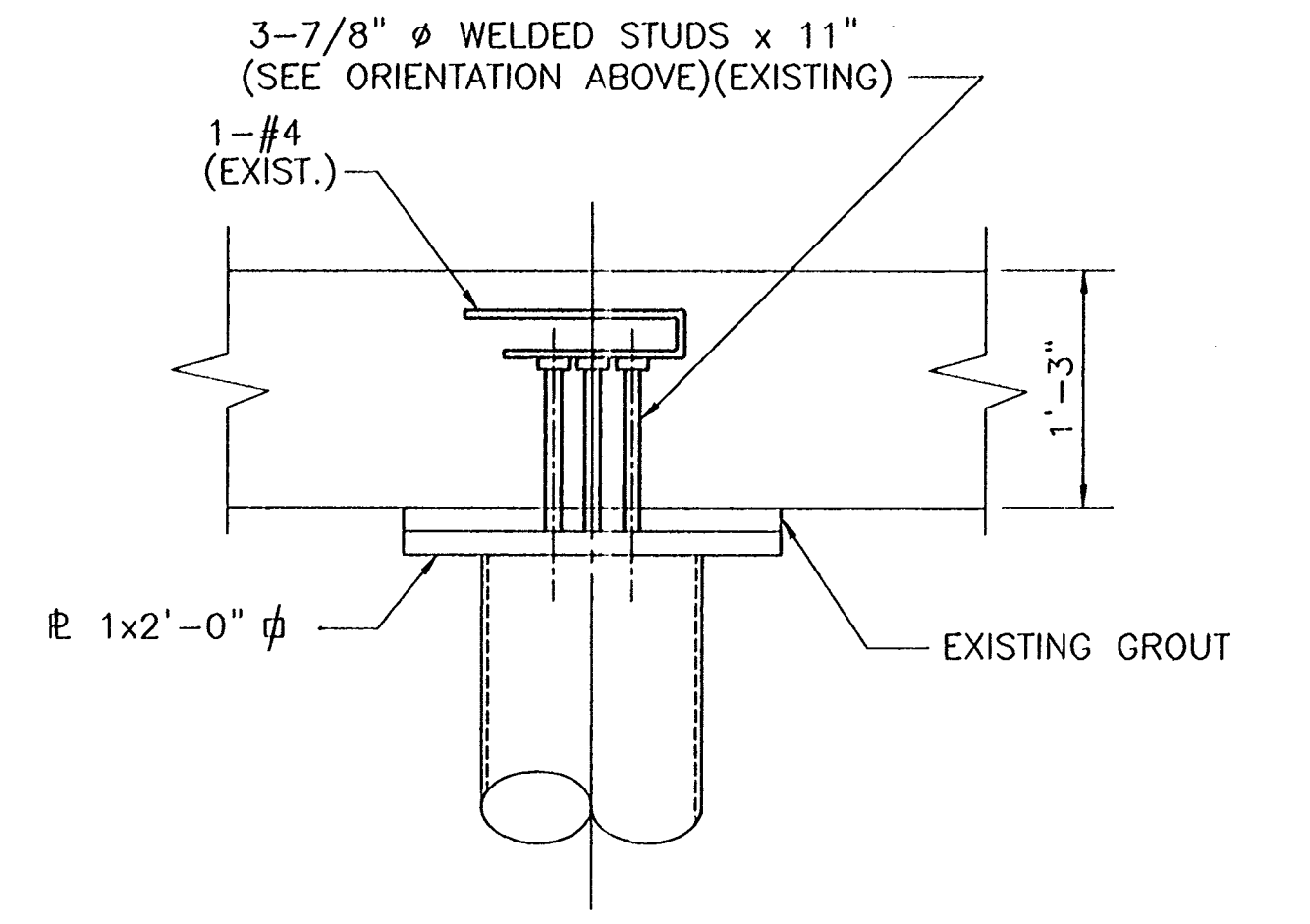
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NO. 6 STRUCTURAL ARRANGEMENT	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. BY: R.S.G. PROJECT ENGINEER	IDENTIFICATION NO. PLAN 7	
WILLIAM B. GROMWART, P.E. PROJECT ENGINEERING MANAGER		RILEY C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S46		REG000303	



SECTION 1
SCALE: 3/8"=1'-0"
S46|S46A=

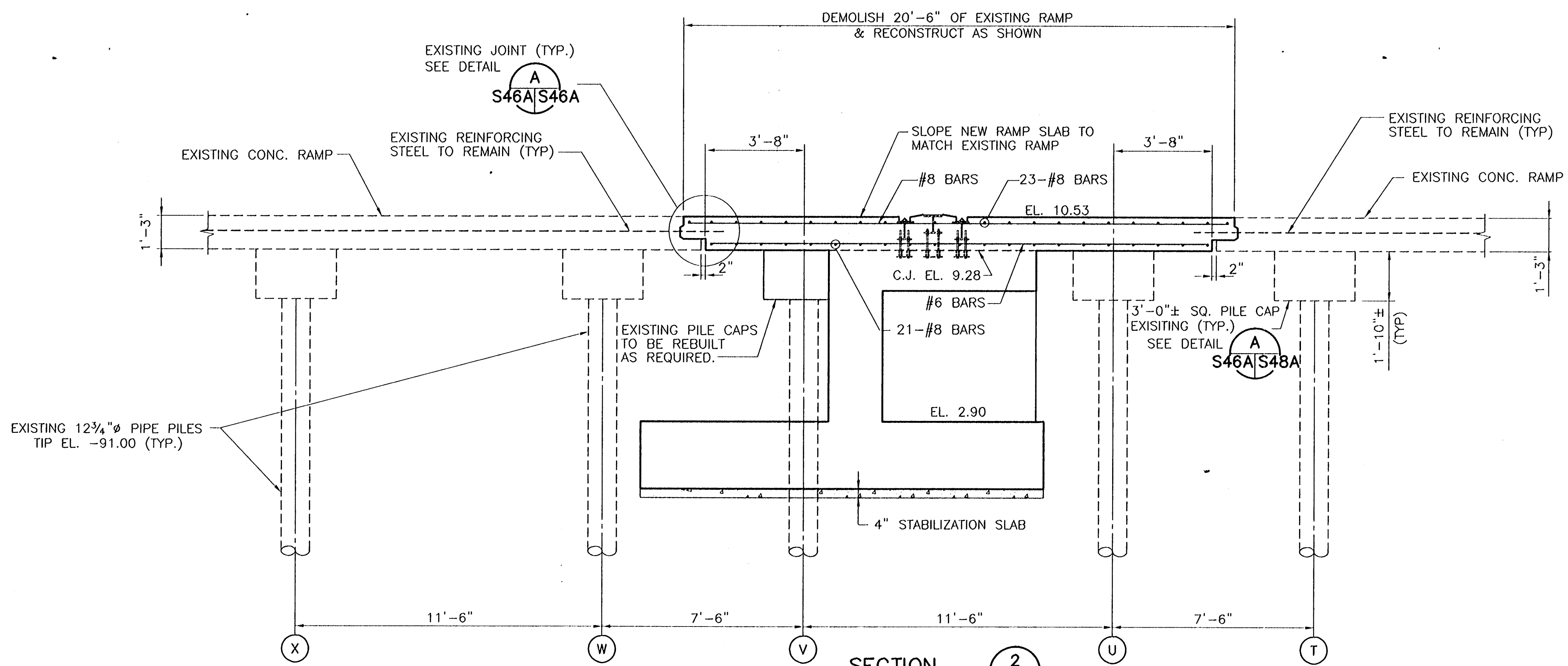


STUD ORIENTATION
SCALE: 3"=1'-0"

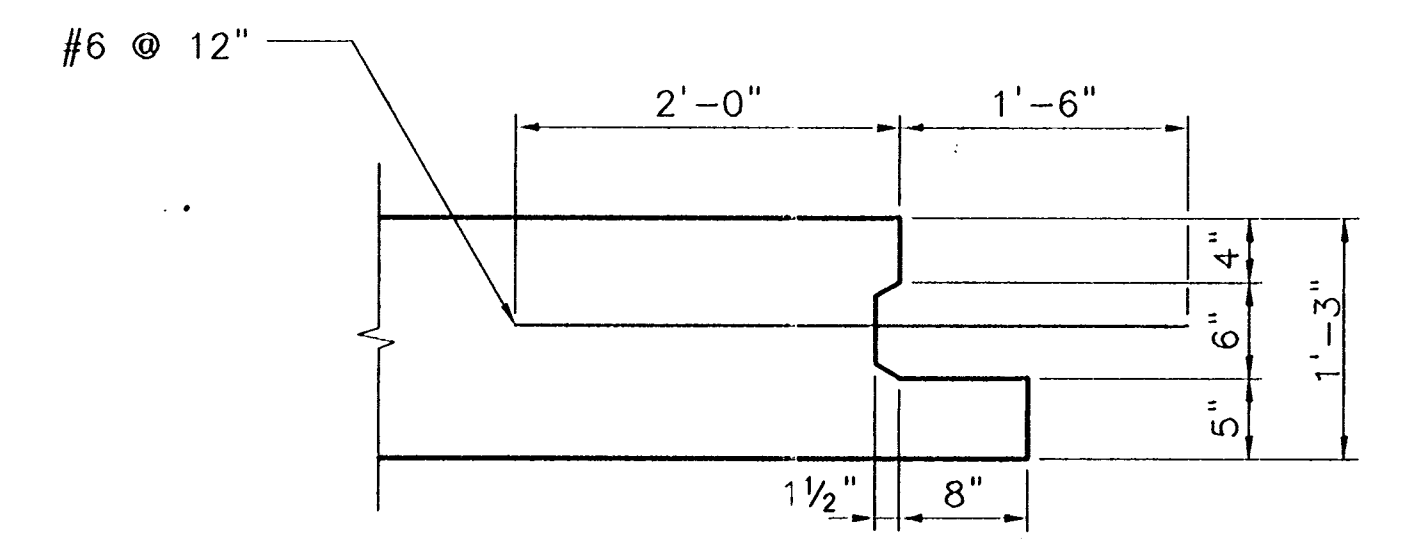


EXISTING PILE CAP

DETAIL B
SCALE: 1"=1'-0"
S46A|S46A=



SECTION 2
SCALE: 3/8"=1'-0"
S46|S46A=



EXISTING JOINT

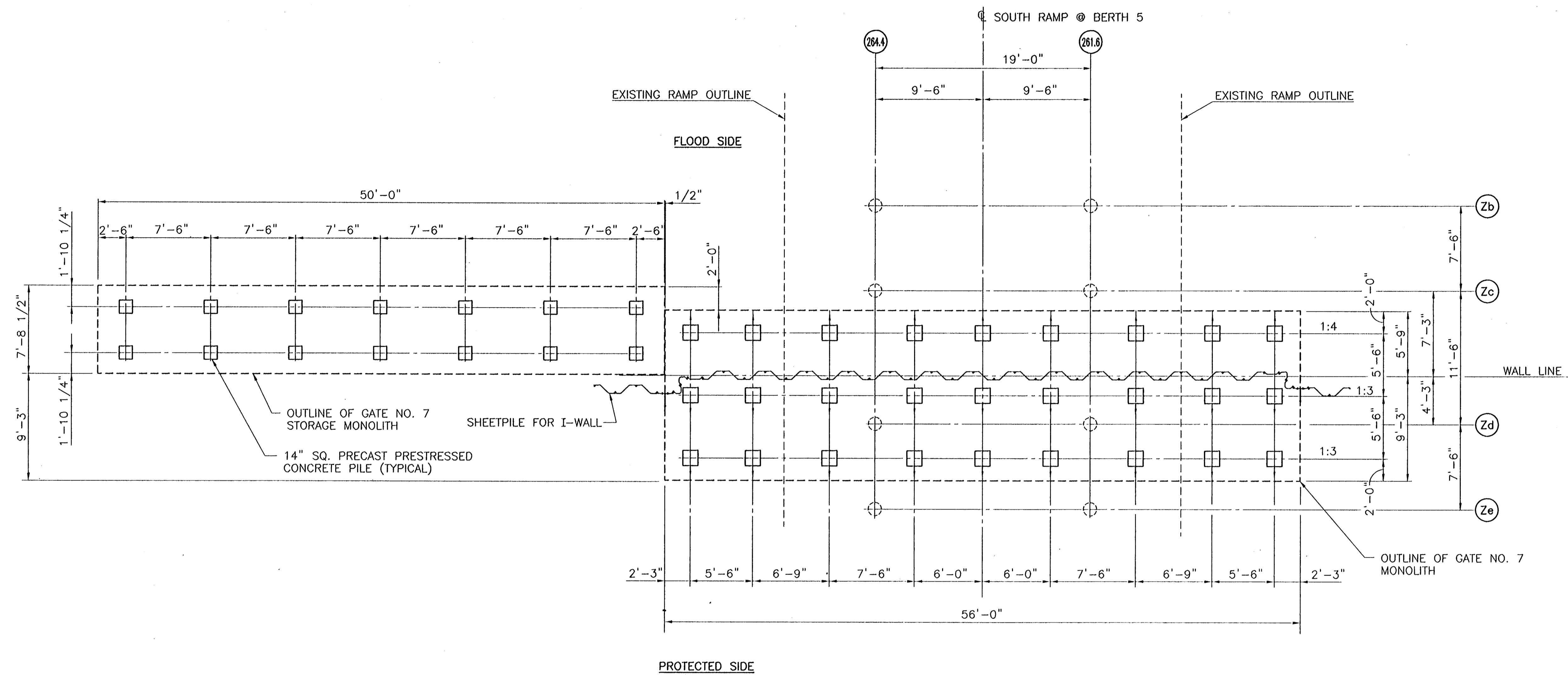
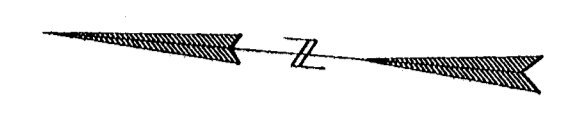
DETAIL A
SCALE: 1"=1'-0"
S46A|S46A=

NOTE:
CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND EXISTING PILE SIZES.

JUN 04, 1998 - 10:28:54 PM FILE: C:\AD\LOCAL\04-000\PROJ\04-000\STRUCT\SEC-WALLS (Login: Dora)

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NO. 6 MONOLITH SECTIONS	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE AS SHOWN DATE: JAN. 14, 1998	WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER
IDENTIFICATION NO. SEC-MON6		WILLIAM B. CROMBIE, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S46A		REQ#000303	



FLOODGATE MONOLITH PILE PLAN AT GATE NO. 7
SCALE: 3/16"=1'-0"

LEGEND:

- 14" SQ. PRECAST PRESTRESSED CONCRETE VERTICAL PILE
- 14" SQ. PRECAST PRESTRESSED CONCRETE PILE BATTER 1:4
- 14" SQ. PRECAST PRESTRESSED CONCRETE PILE BATTER 1:3
- EXISTING PIPE PILES (14"Ø SOUTH RAMP BERTH 6; 12 3/4"Ø NORTH RAMP BERTH 5)

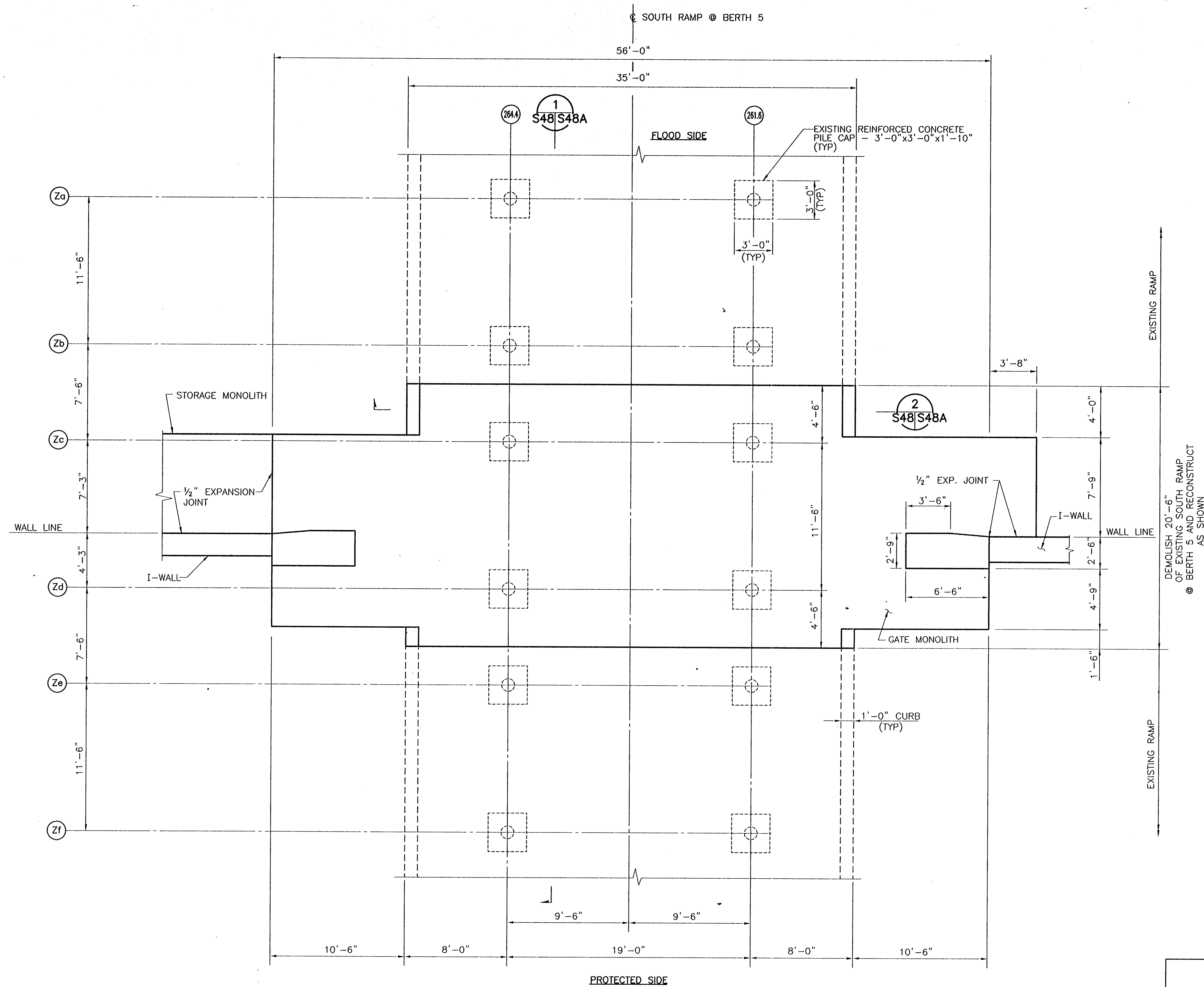
NOTES:

1. 14" SQUARE PRECAST PRESTRESSED PILES: TIP EL. -72.50.
2. PILOT HOLES FOR THE 14" SQUARE PRECAST PRESTRESSED CONCRETE PILES SHALL BE NO GREATER THAN 11" IN DIAMETER AND DRILLED OR PUNCHED TO A MAXIMUM DEPTH OF 14 FEET.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING PILE SIZES.

Jan 08, 1998 - 10:30:31 PM FILE: G:\CADD\ACAD\504-000\PROJ-303\STRUCT\GATE7 [Layout: Gate7]

REV. 1	BY	DATE	REV. 2	BY	DATE	REV. 3	BY	DATE	REV. 4	BY	DATE	REV. 5	BY	DATE	REV. 6	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 FLOODGATE PILE PLAN AT GATE NO. 7	
	DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>B.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>3/16"=1'-0"</u> IDENTIFICATION NO. <u>GATE 7</u> WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-S47		REF000303	



EXISTING RAMP

DEMOLISH 20'-6" OF EXISTING SOUTH RAMP @ BERTH 5 AND RECONSTRUCT AS SHOWN

EXISTING RAMP

LEGEND:

○ — EXISTING PILES AND PILE CAPS

NOTES:

- EDGE PROTECTION ANGLES NOT SHOWN FOR CLARITY.
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND EXISTING PILE SIZES.

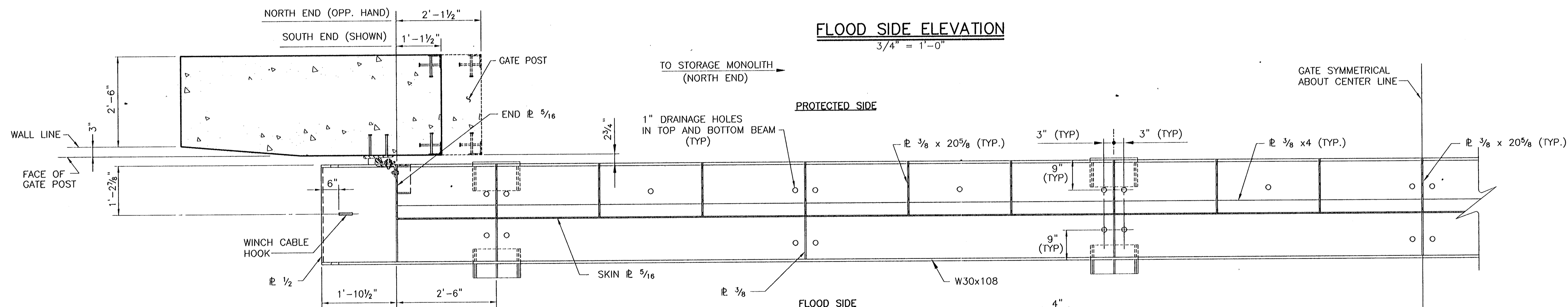
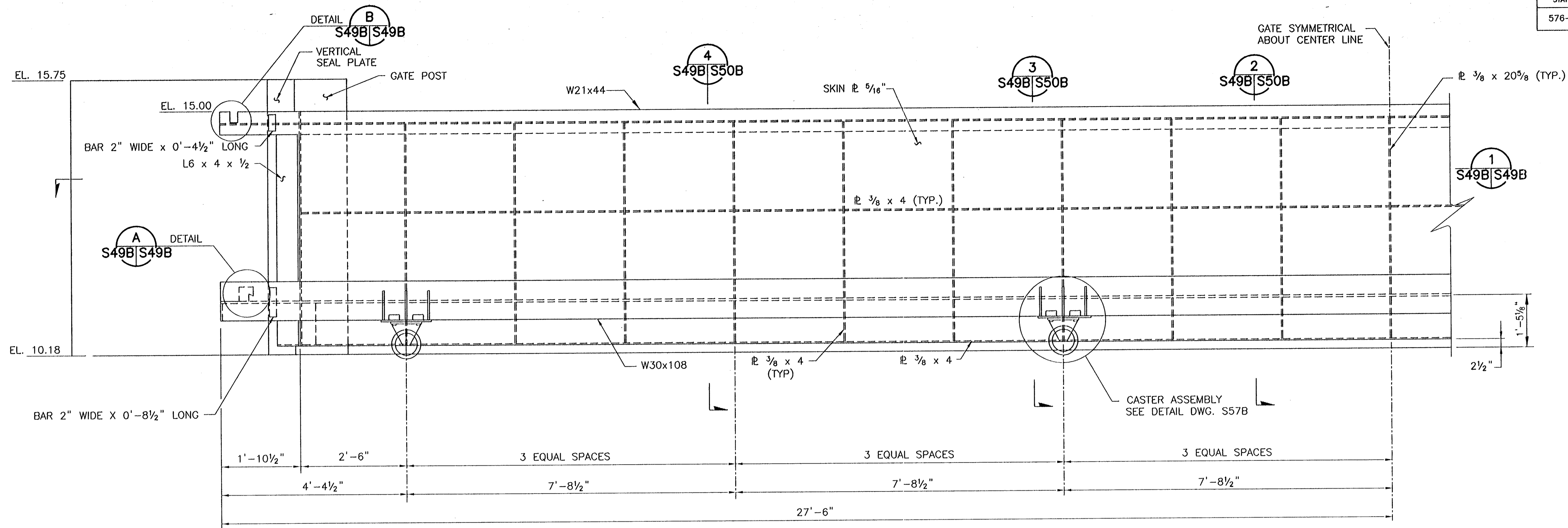
GATE NO. 7 — GENERAL ARRANGEMENT
SCALE 1/4" = 1'-0"

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL—SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NO. 7 STRUCTURAL ARRANGEMENT	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.E.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> BY <u>PROJECT ENGINEER</u>	
IDENTIFICATION NO. PLAN-GT7		RECOMMENDED <u>WILLIAM B. CHAMBERLAIN, P.E.</u> PROJECT ENGINEERING MANAGER	
		APPROVED <u>KYLE C. JONES, P.E.</u> DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S48		REG0000303	

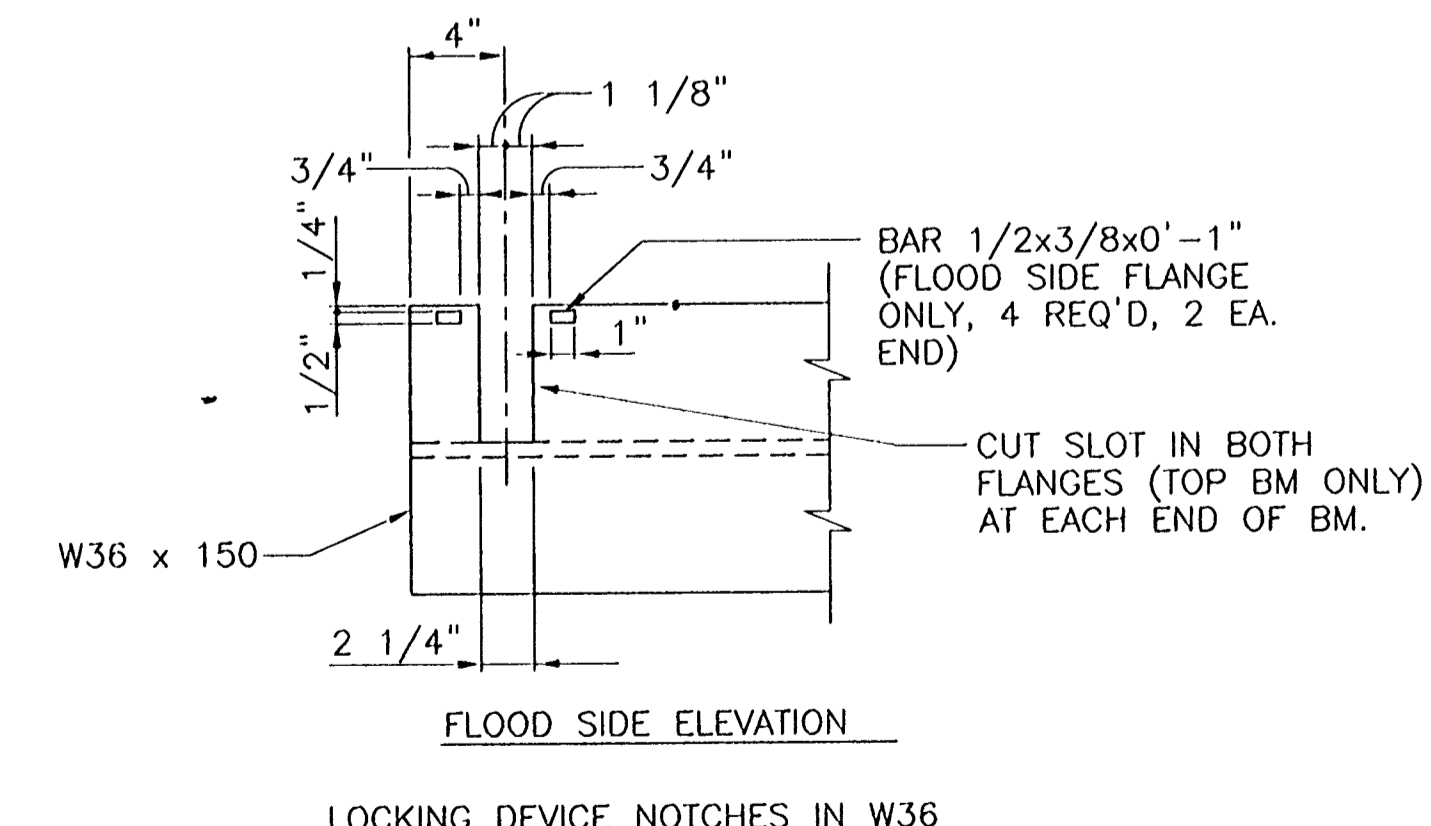
REV. 08, 1998 - 10-25-98, P&O FILE: C:\P&O\576-36-0005\STRUCT\PLAN-GT7.dwg (Logan, Sean)

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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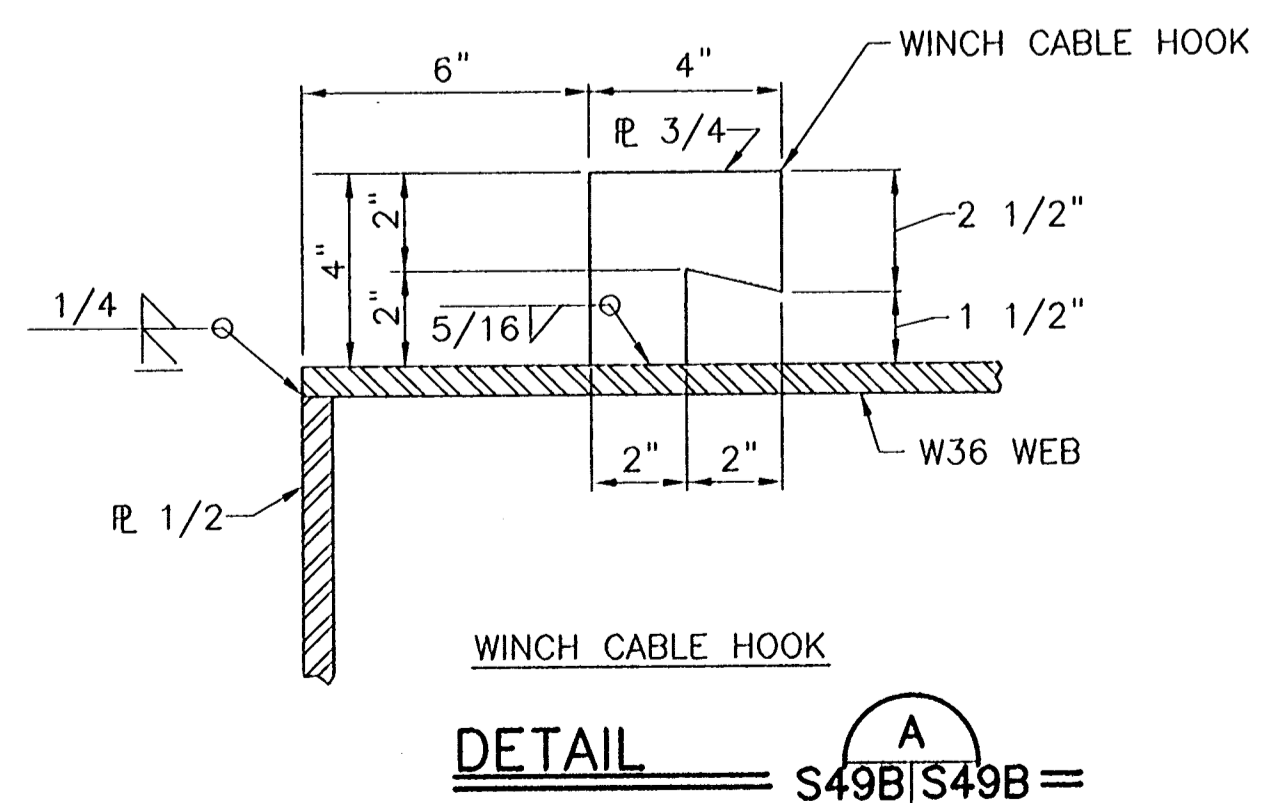
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	85



SECTION 1
SCALE: 3/4" = 1'-0"
S49B/S49B =



DETAIL B
S49B/S49B =



DETAIL A
S49B/S49B =

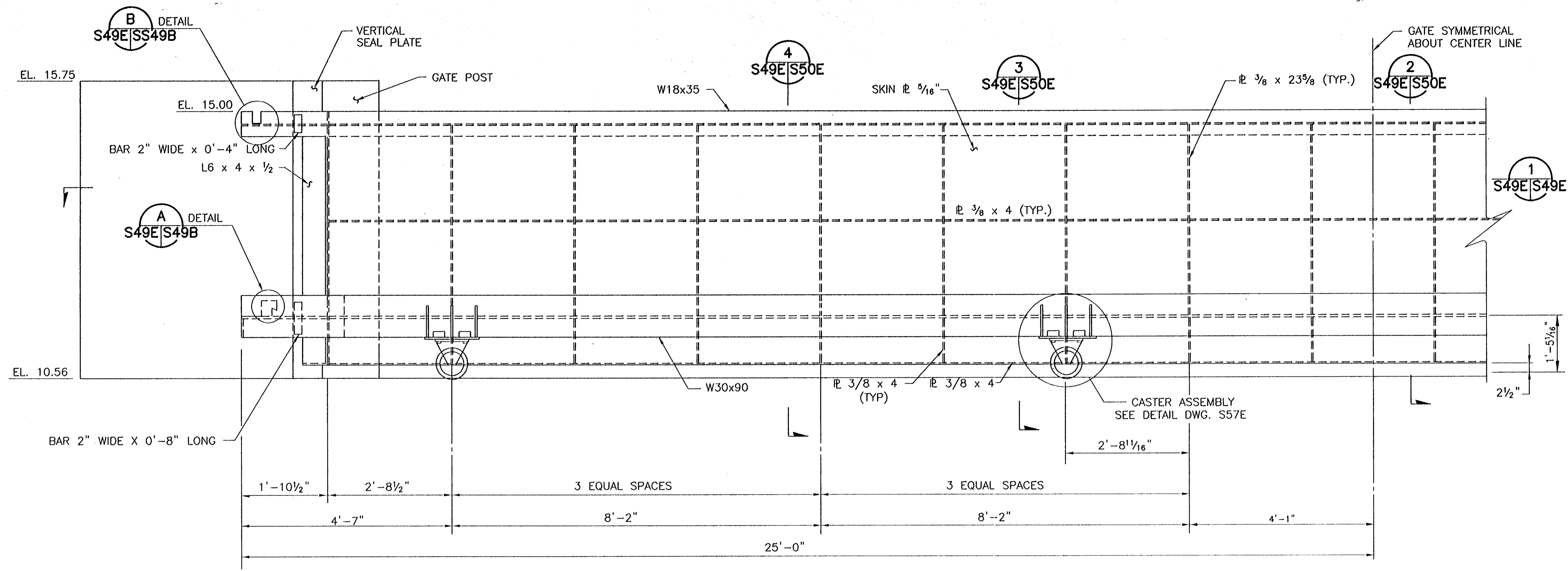
- NOTES:**
- SPLICES IN W30X108 AND W21X44 SHALL UTILIZE FULL PENETRATION WELDS AND SHALL DEVELOP THE FULL STRENGTH OF THE MEMBER. WELDS SHALL BE 100% X-RAYED AND INSPECTED PER AWS D1.1, LATEST REVISION.
 - ROLLER GATE MUST BE LATCHED WHEN IN THE CLOSED POSITION.
 - SEE LATCH DETAILS DWG. S86 AND S87

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 5 ELEVATION & SECTION	
DESIGNED <u>J.F.H.</u>	CHECKED <u>G.P.F.</u>	DATE <u>JAN. 14, 1998</u>	DRAWN <u>J.M.R.</u>
APPROVED <u>E.S.G.</u>	RECOMMENDED	PROJECT ENGINEER	IDENTIFICATION NO. PAE-RLGS
WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S49B		REQ#000303	

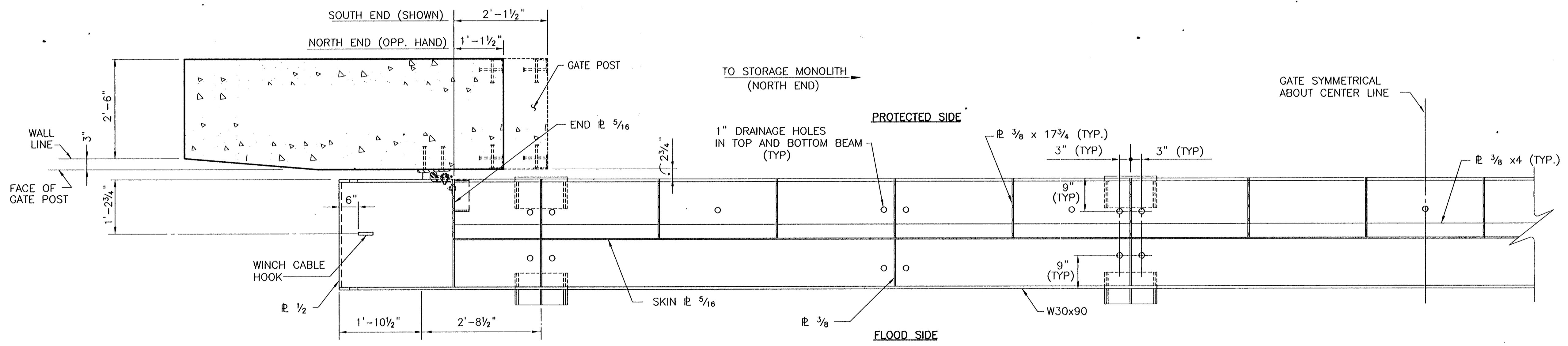
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REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	88



FLOOD SIDE ELEVATION
SCALE: 3/4"=1'-0"



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

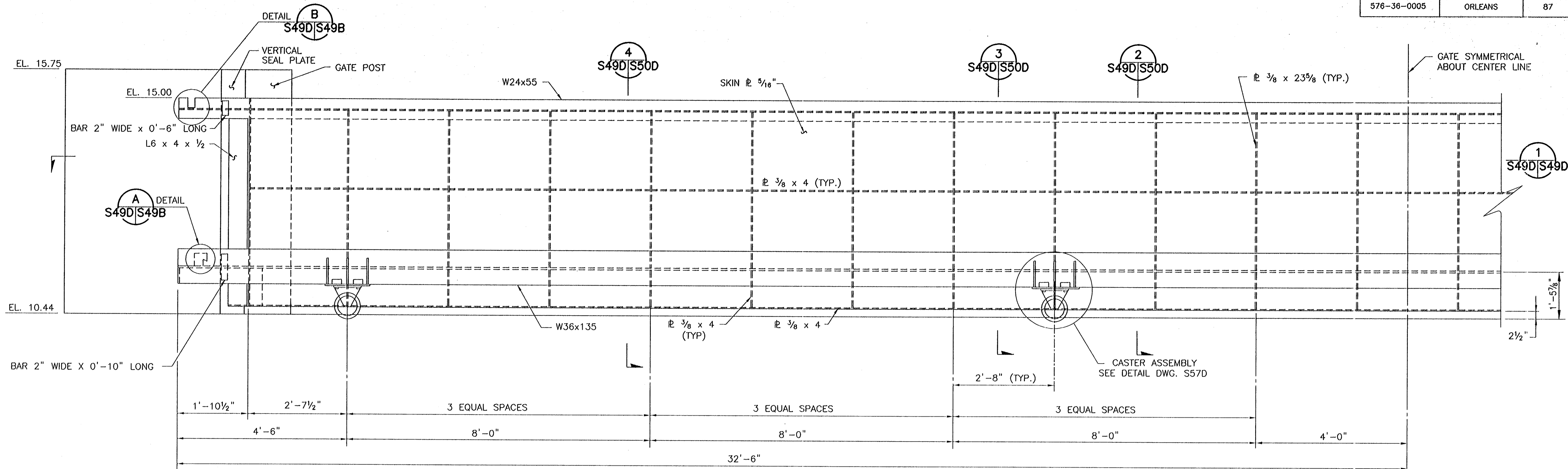
- NOTES:**
1. SPLICES IN W30X90 AND W18X35 SHALL UTILIZE FULL PENETRATION WELDS AND SHALL DEVELOP THE FULL STRENGTH OF THE MEMBER. WELDS SHALL BE 100% X-RAYED AND INSPECTED PER AWS D1.1, LATEST REVISION.
 2. ROLLER GATE MUST BE LATCHED WHEN IN THE CLOSED POSITION.
 3. SEE LATCH DETAILS DWG. S86 AND S87.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 9 ELEVATION & SECTION	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. PAE-RLG9		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE G. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S49E		REVISIONS: 003	

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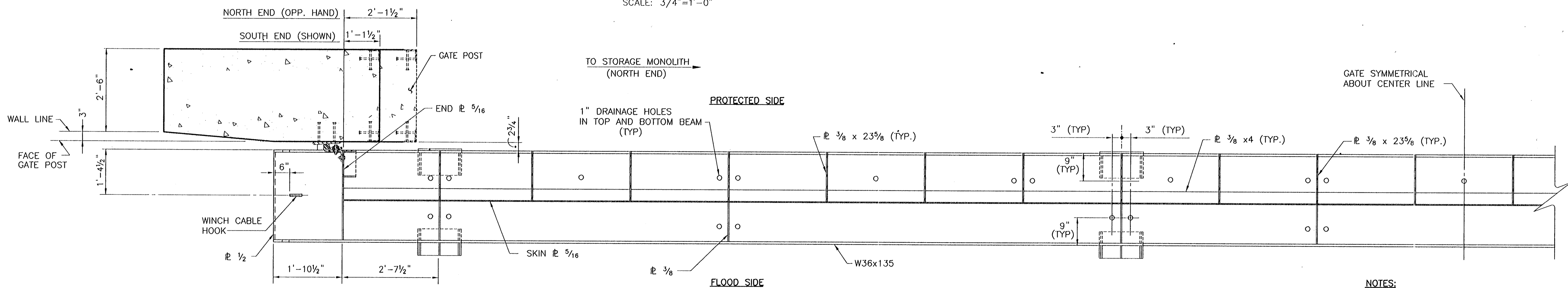
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STATE PROJECT 576-36-0005	PARISH ORLEANS	SHEET NO. 87
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FLOOD SIDE ELEVATION

SCALE: 3/4"=1'-0"



SECTION

SCALE: 3/4"=1'-0"

NOTES:

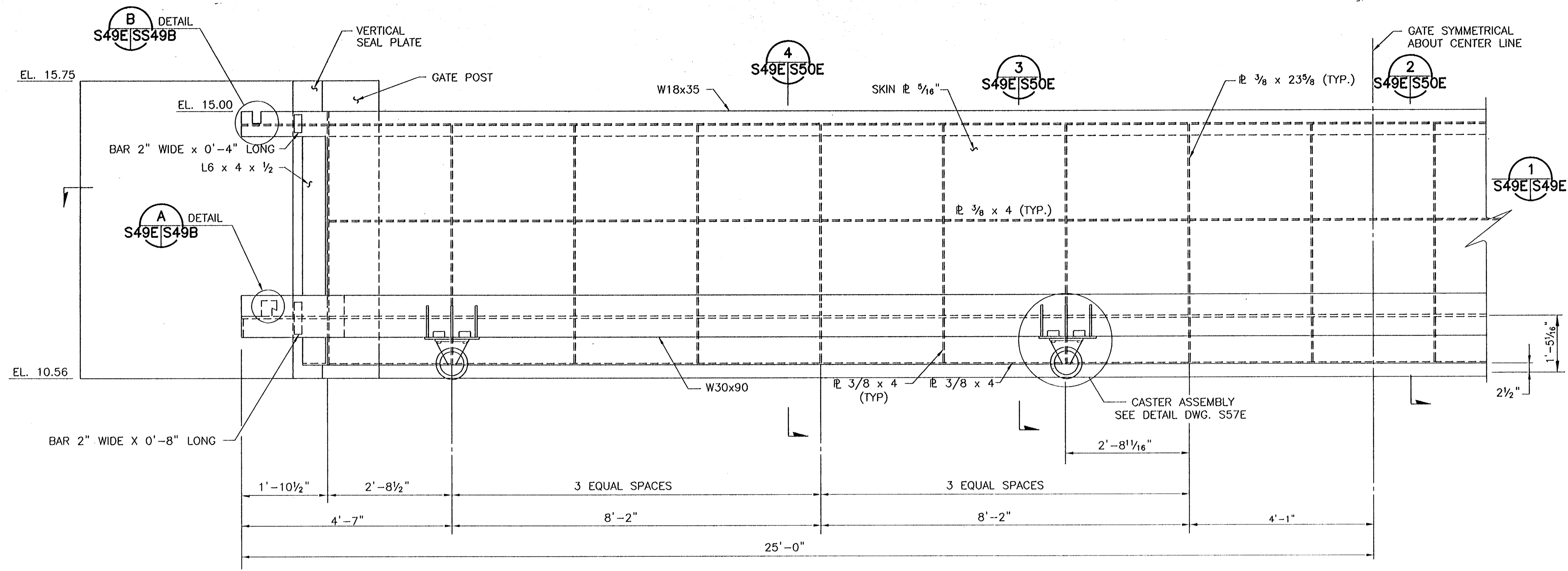
1. SPLICES IN W36X135 AND W24X55 SHALL UTILIZE FULL PENETRATION WELDS AND SHALL DEVELOP THE FULL STRENGTH OF THE MEMBER. WELDS SHALL BE 100% X-RAYED AND INSPECTED PER AWS D1.1, LATEST REVISION.
2. ROLLER GATE MUST BE LATCHED WHEN IN THE CLOSED POSITION.
3. SEE LATCH DETAILS DWG. S86 AND S87.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 8 ELEVATION & SECTION	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. PAE-RLG8		RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER RYLE G. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S49D		REF000003	

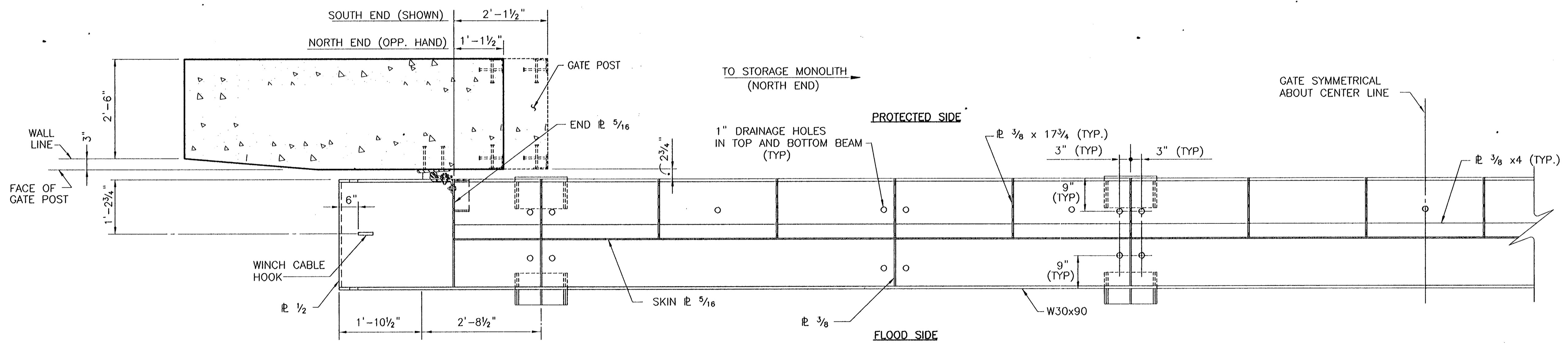
Jan 08, 1998 - 11:10:26 PM FILE: C:\AO\ACAD\564-006\PROJ-303\STRUCT\PAE-RLG8 [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	88



FLOOD SIDE ELEVATION
SCALE: 3/4"=1'-0"



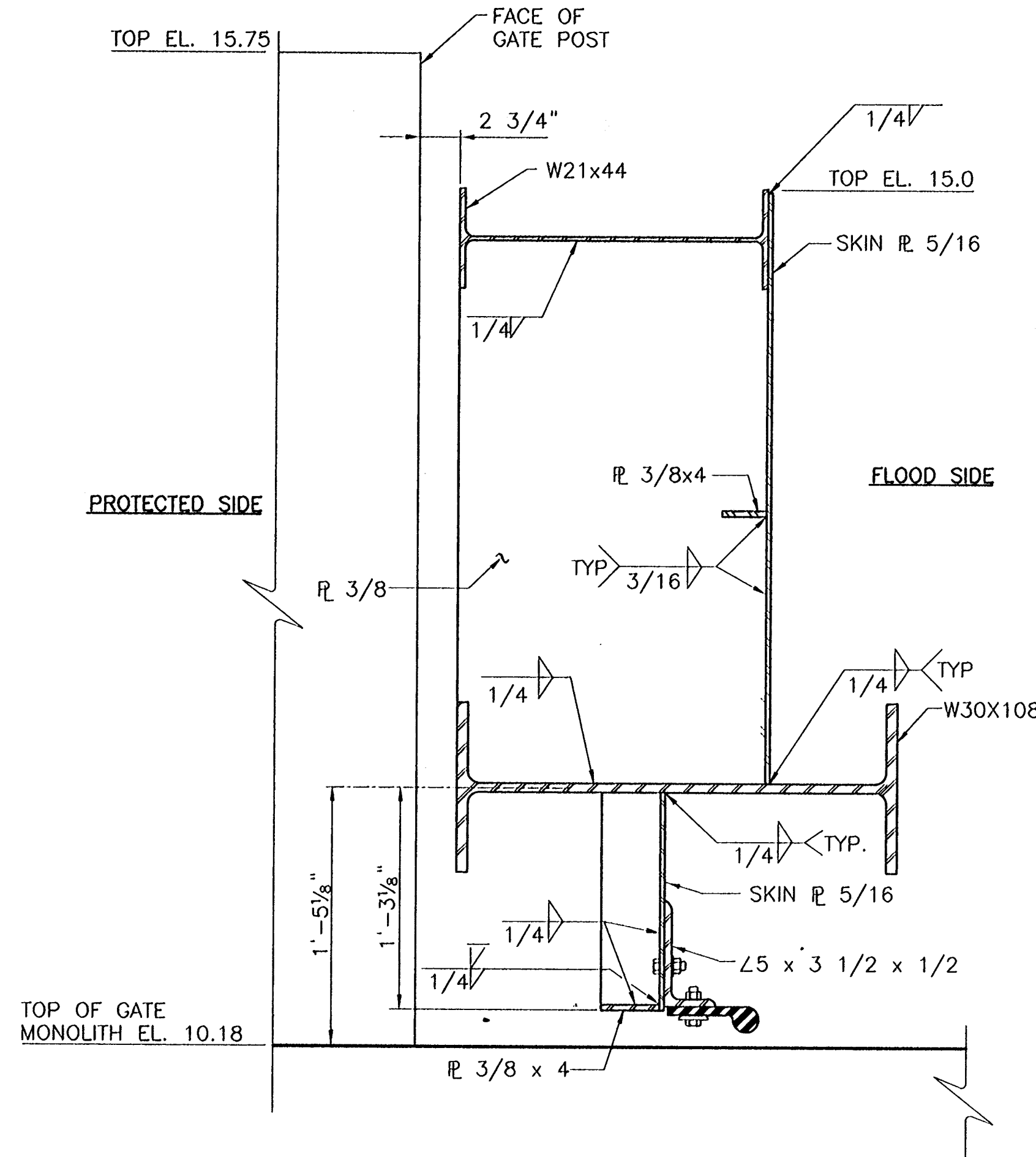
SECTION
SCALE: 3/4"=1'-0" S49E[S49E]

- NOTES:**
1. SPLICES IN W30X90 AND W18X35 SHALL UTILIZE FULL PENETRATION WELDS AND SHALL DEVELOP THE FULL STRENGTH OF THE MEMBER. WELDS SHALL BE 100% X-RAYED AND INSPECTED PER AWS D1.1, LATEST REVISION.
 2. ROLLER GATE MUST BE LATCHED WHEN IN THE CLOSED POSITION.
 3. SEE LATCH DETAILS DWG. S86 AND S87.

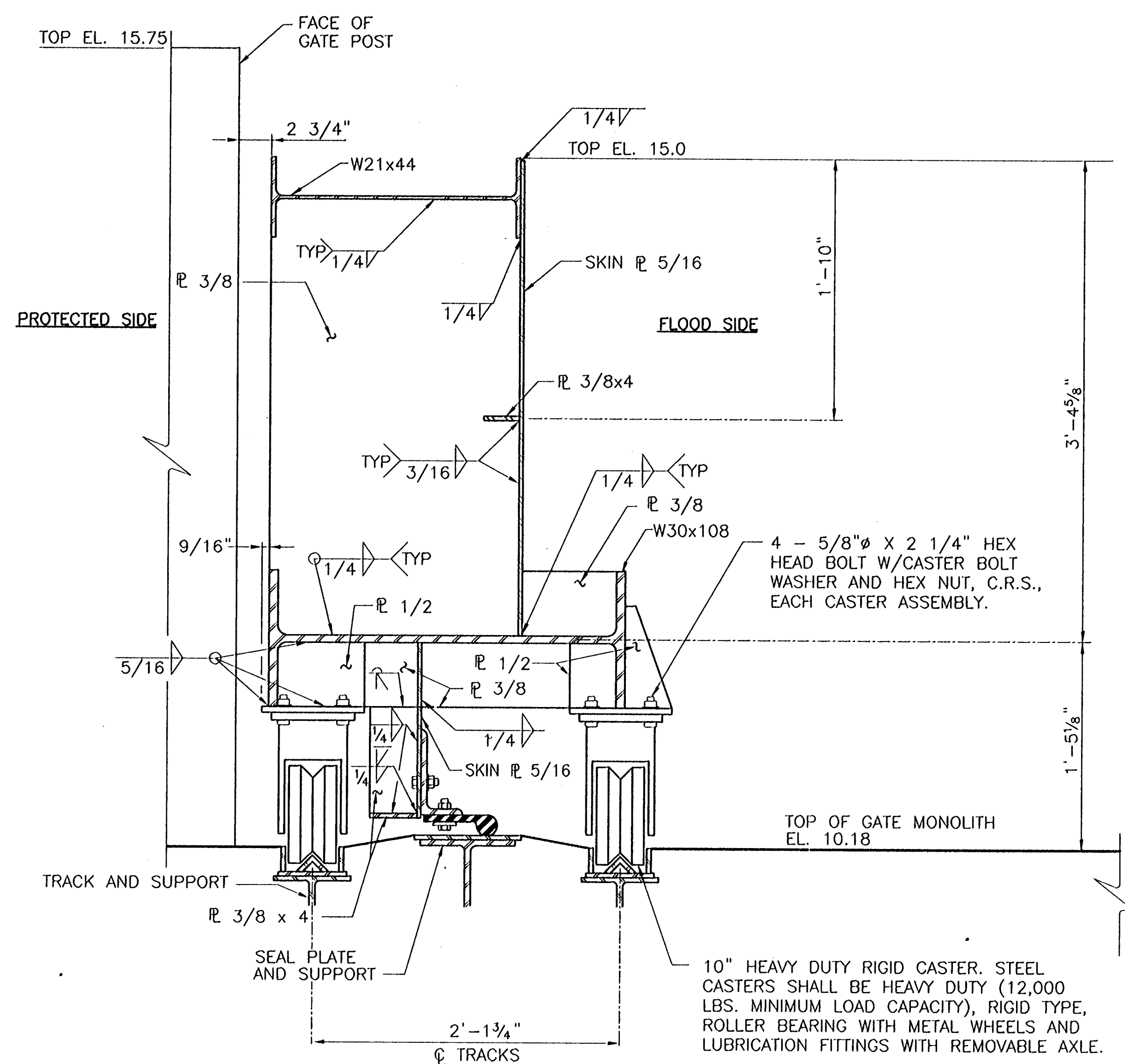
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 9 ELEVATION & SECTION	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. PAE-RLG9		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE G. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S49E		REVISIONS	

JUL 24, 1997 - 07:15:35 PM & FILE: C:\CAD\ACAD\98\CONSTR\PAE-RLG9 [Lcsh: ESK]

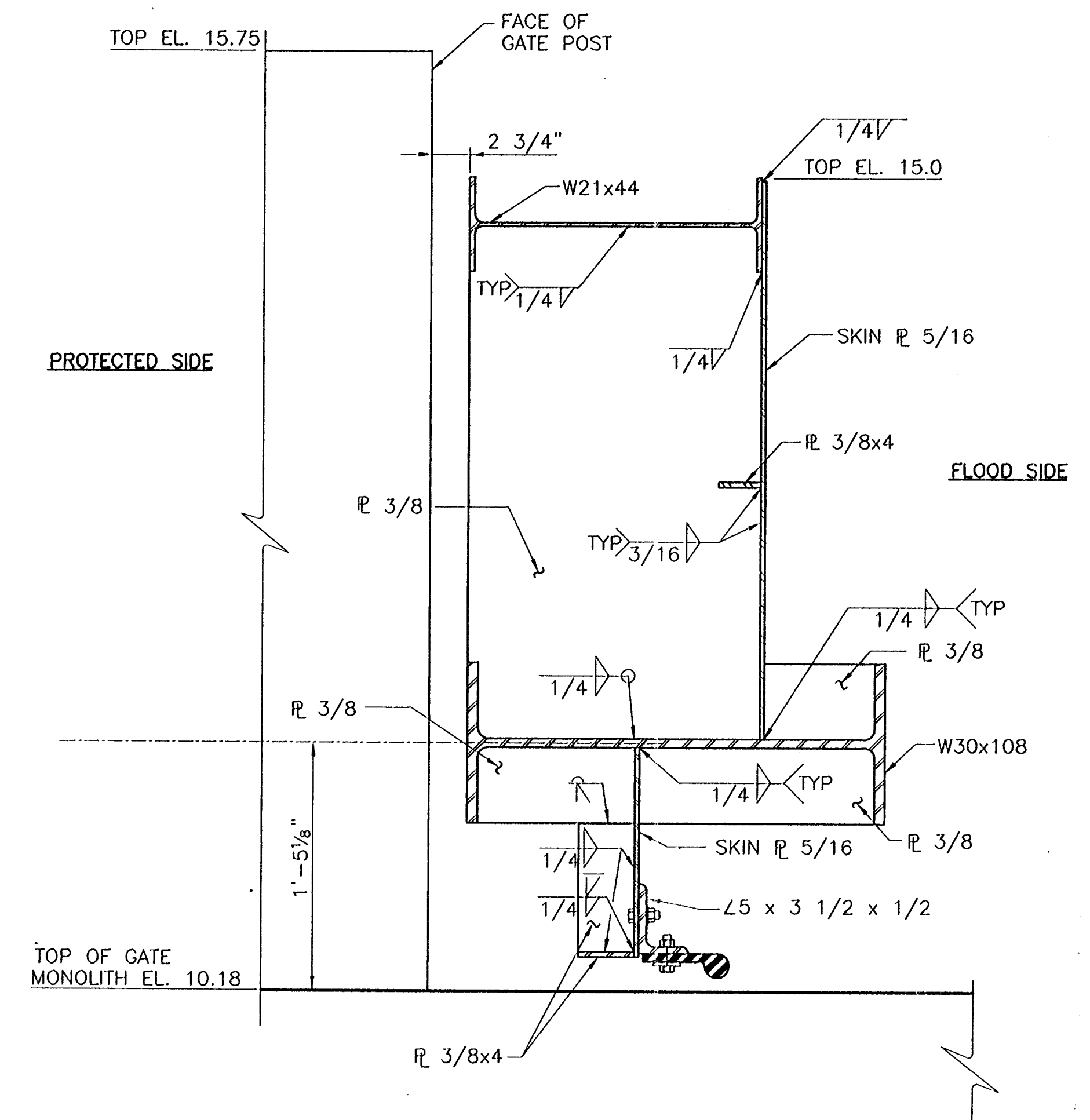
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SECTION 2
SCALE: 1 1/2" = 1'-0" S49B S50B



SECTION 3
SCALE: 1 1/2" = 1'-0" S49B S50B

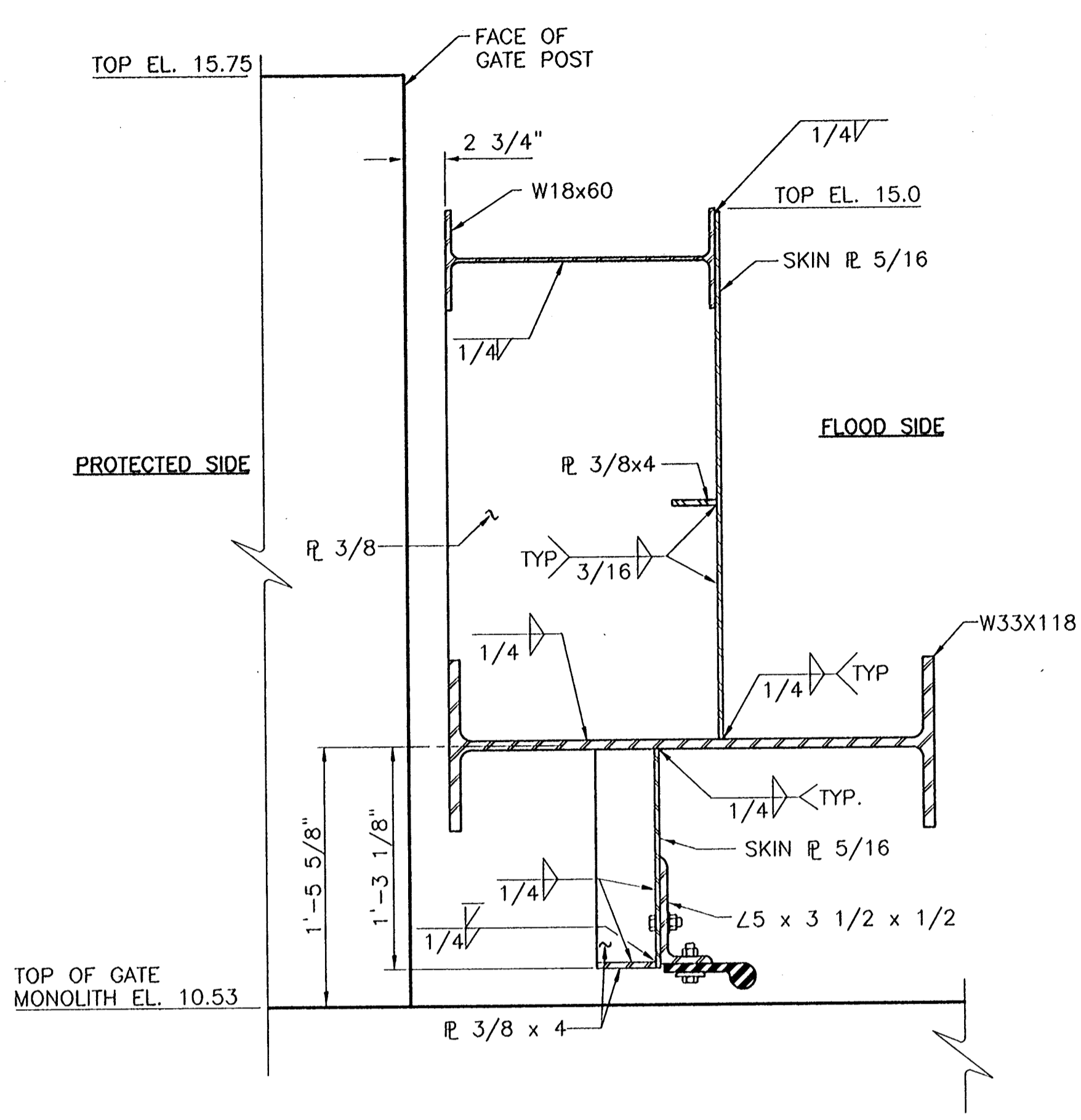


SECTION 4
SCALE: 1 1/2" = 1'-0" S49B S50B

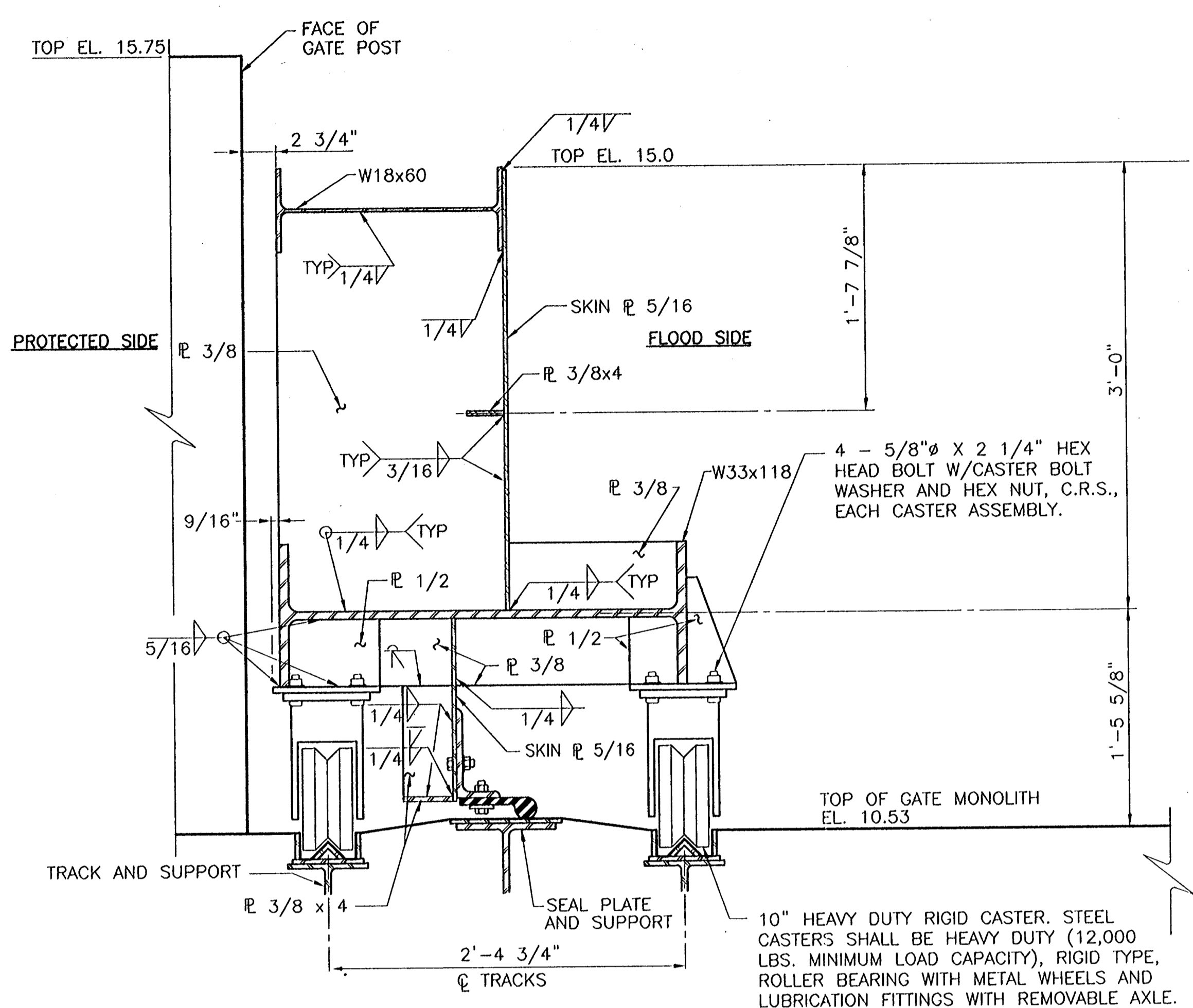
- NOTES:
- PARTICULAR ATTENTION SHALL BE GIVEN TO FIELD ADJUSTMENT OF BOTTOM SEAL IN ORDER TO OBTAIN PROPER SEAL WITH SEAL PLATE.
 - WELDS SHOWN ARE TYPICAL FOR SIMILAR JOINTS WHERE NOT SHOWN.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 5 SECTIONS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN 14 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE 1 1/2" = 1'-0"	
IDENTIFICATION NO. SEC-RLG5		WILIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE G. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S50B		REG0000303	

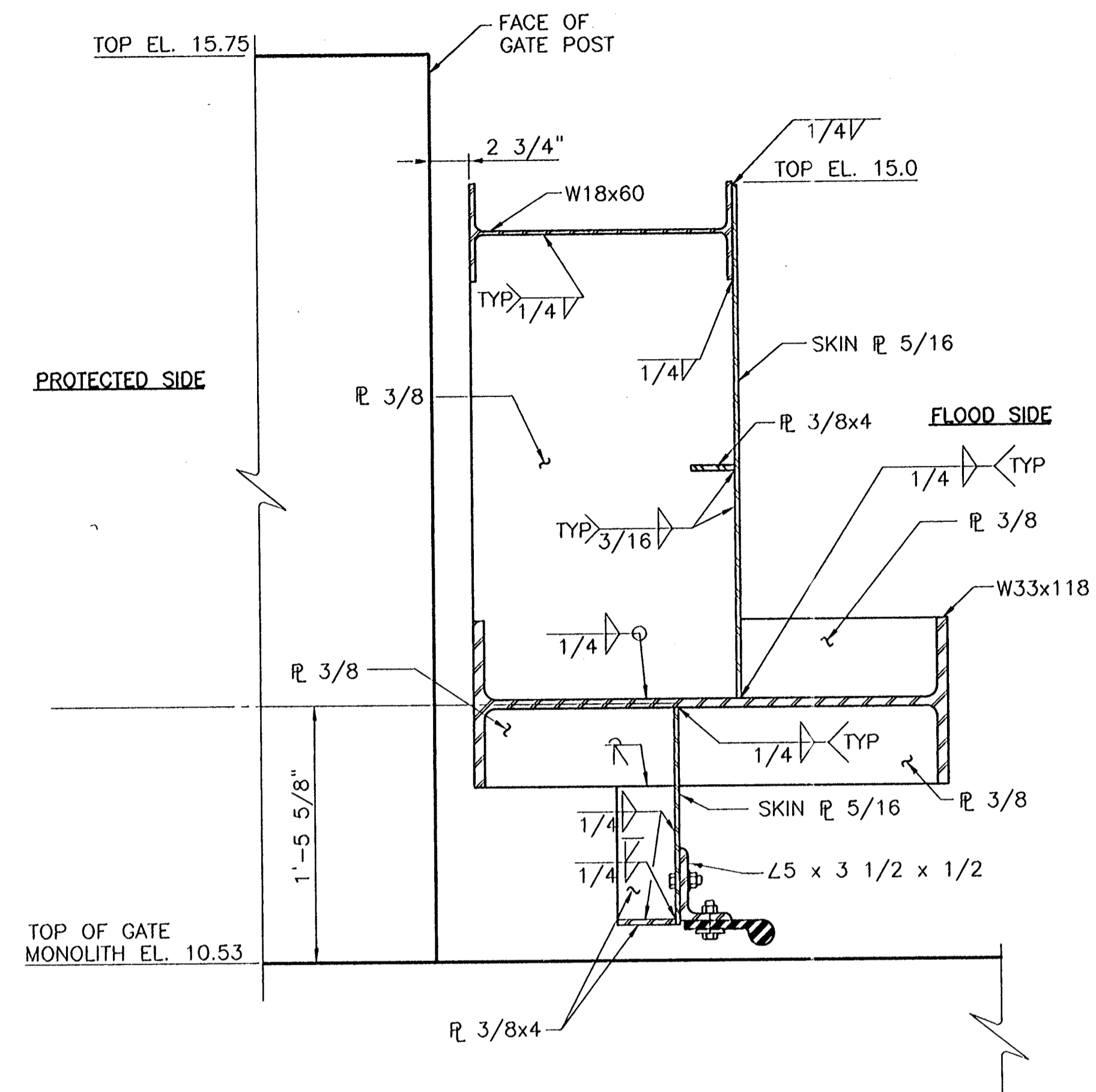
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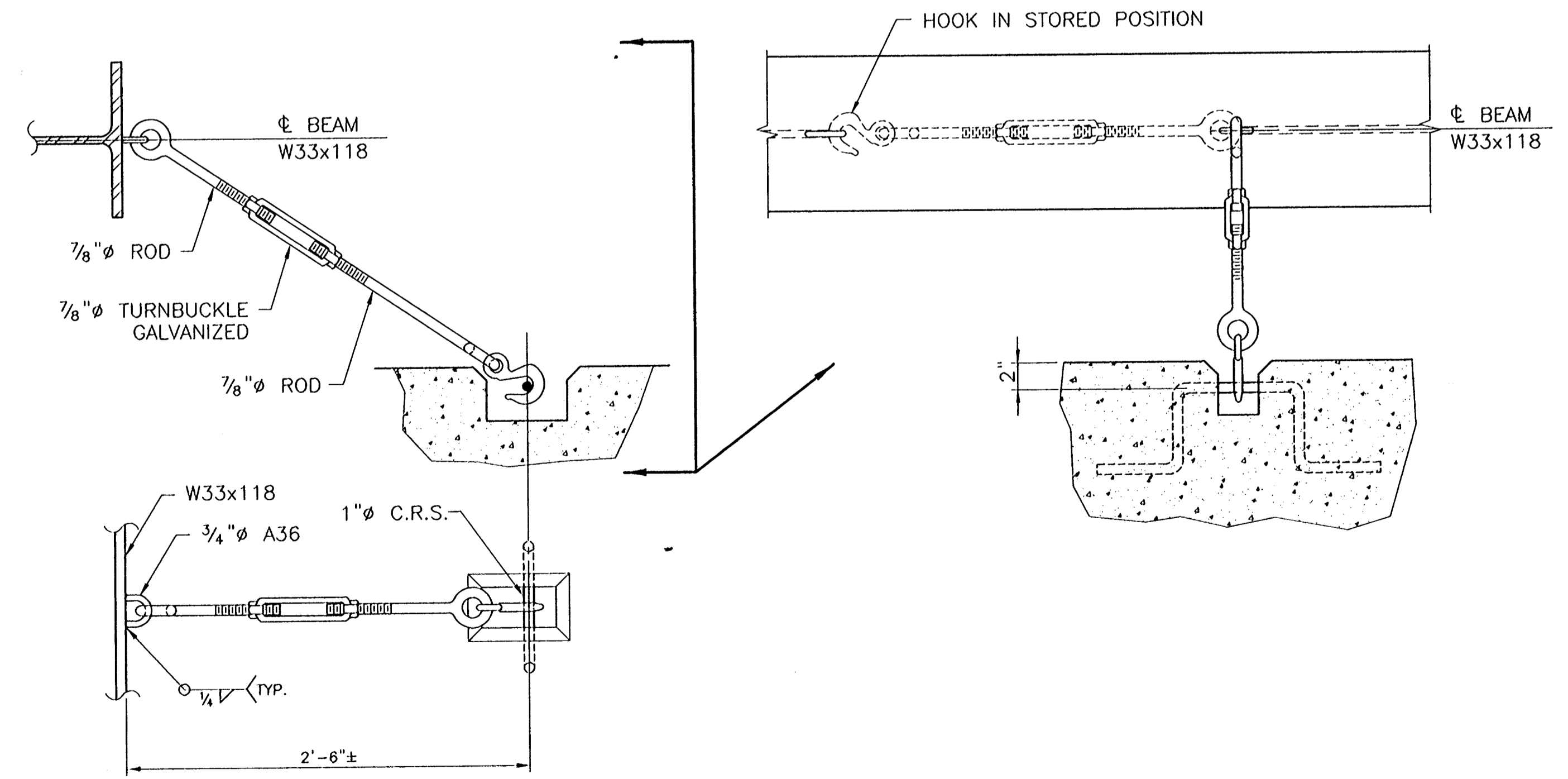
SECTION 2
SCALE: 1 1/2" = 1'-0" S49C/S50C



SECTION 3
SCALE: 1 1/2" = 1'-0" S49C/S50C



SECTION 4
SCALE: 1 1/2" = 1'-0" S49C/S50C



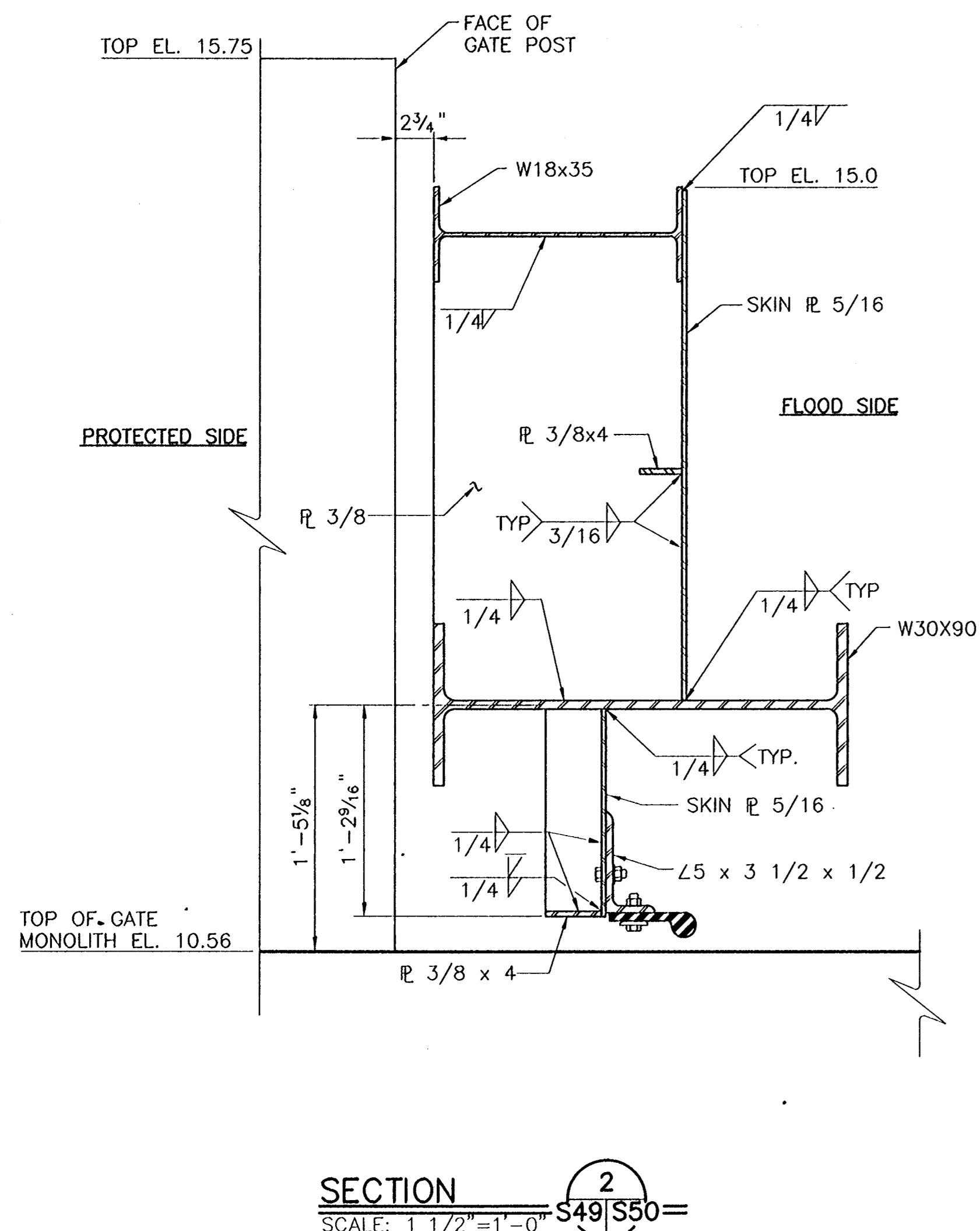
DETAIL 5
SCALE: 1 1/2" = 1'-0" S49C/S50C

- NOTES:
- PARTICULAR ATTENTION SHALL BE GIVEN TO FIELD ADJUSTMENT OF BOTTOM SEAL IN ORDER TO OBTAIN PROPER SEAL WITH SEAL PLATE.
 - WELDS SHOWN ARE TYPICAL FOR SIMILAR JOINTS WHERE NOT SHOWN.

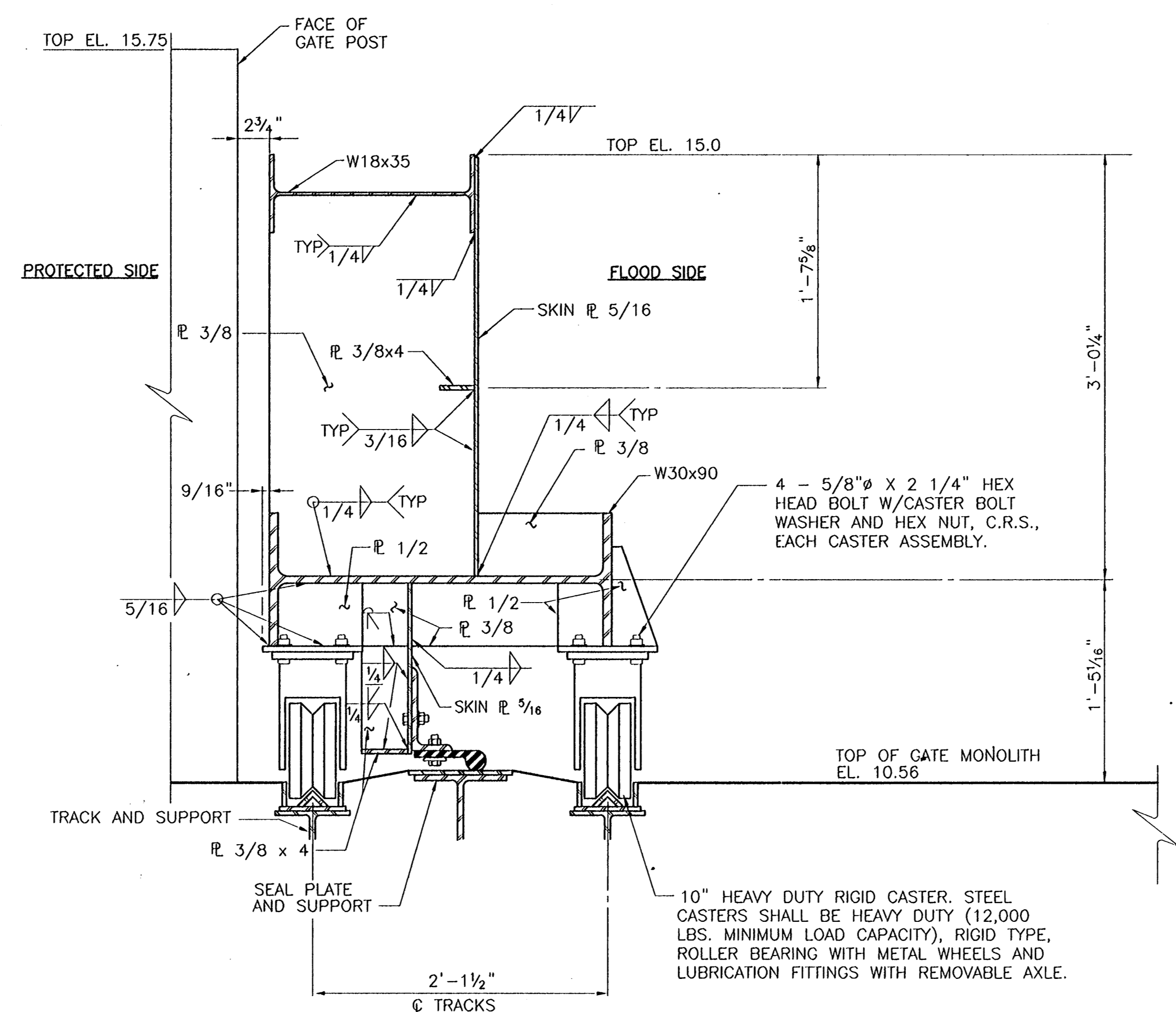
CONSULTING ENGINEERS		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 6 SECTIONS	
	DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE: 1 1/2" = 1'-0" IDENTIFICATION NO. SEC-RLG6
	WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-S50C		REG000303	

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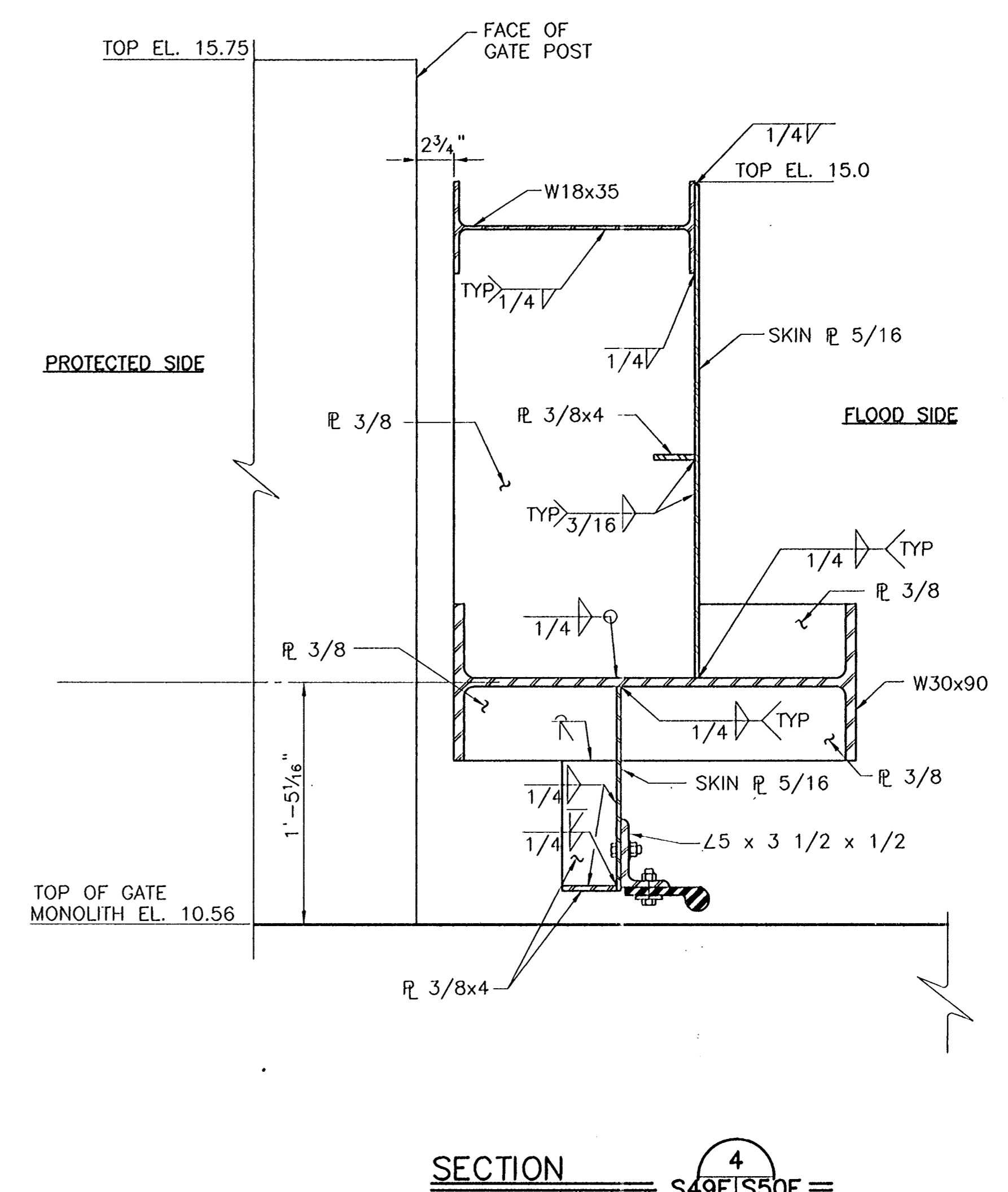
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SECTION 2
SCALE: 1 1/2" = 1'-0" S49E/S50E =



SECTION 3
SCALE: 1 1/2" = 1'-0" S49E/S50E =



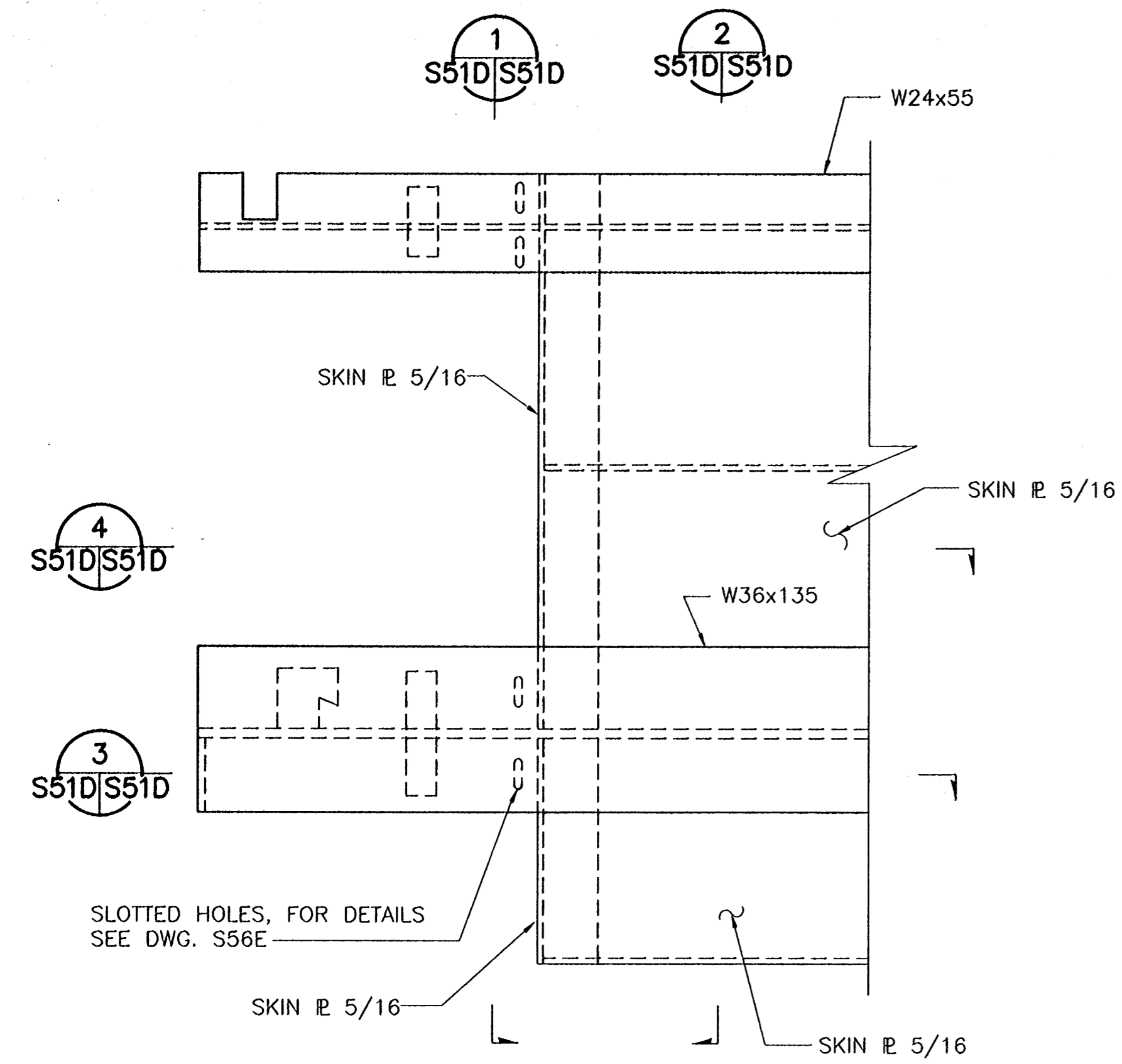
SECTION 4
SCALE: 1 1/2" = 1'-0" S49E/S50E =

- NOTES:
- PARTICULAR ATTENTION SHALL BE GIVEN TO FIELD ADJUSTMENT OF BOTTOM SEAL IN ORDER TO OBTAIN PROPER SEAL WITH SEAL PLATE.
 - WELDS SHOWN ARE TYPICAL FOR SIMILAR JOINTS WHERE NOT SHOWN.

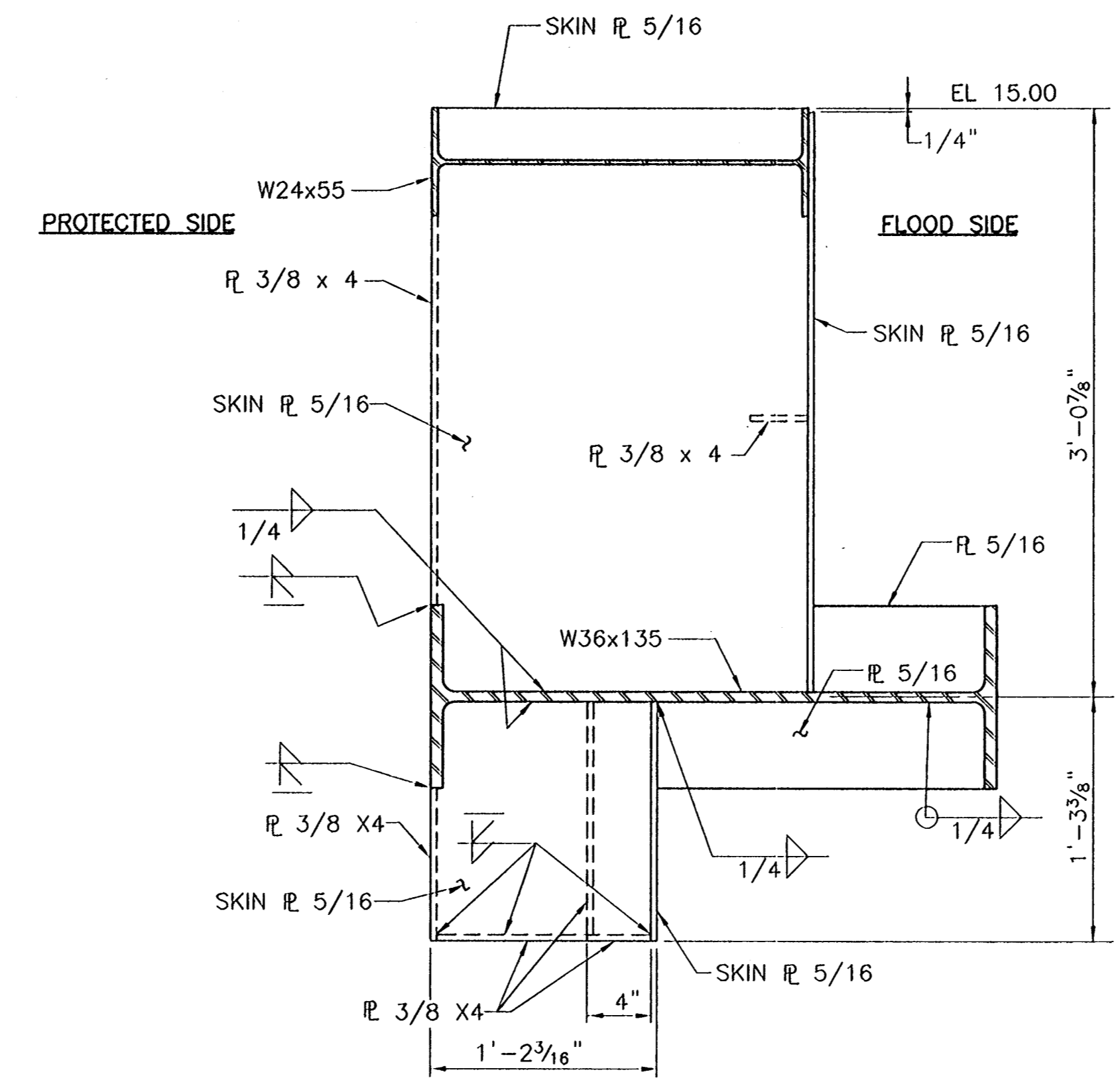
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 38+13.01 TO STA. 88+82.36 ROLLER GATE NO. 9 SECTIONS	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.E. APPROVED: B.S.G.	DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED BY: R.S.G. PROJECT ENGINEER	SCALE: 1 1/2" = 1'-0" IDENTIFICATION NO. SEC-RLG9 RECOMMENDED BY: WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER APPROVED BY: KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
		DWG. NO. M11-7008-S50E REC0000303	

Jan 08, 1998 - 11:49:27 P&O FILE: G:\CAD\ACAD\504-008\PROJ-303\STRUCT\SEC-RLG9 [Login: Dovo]

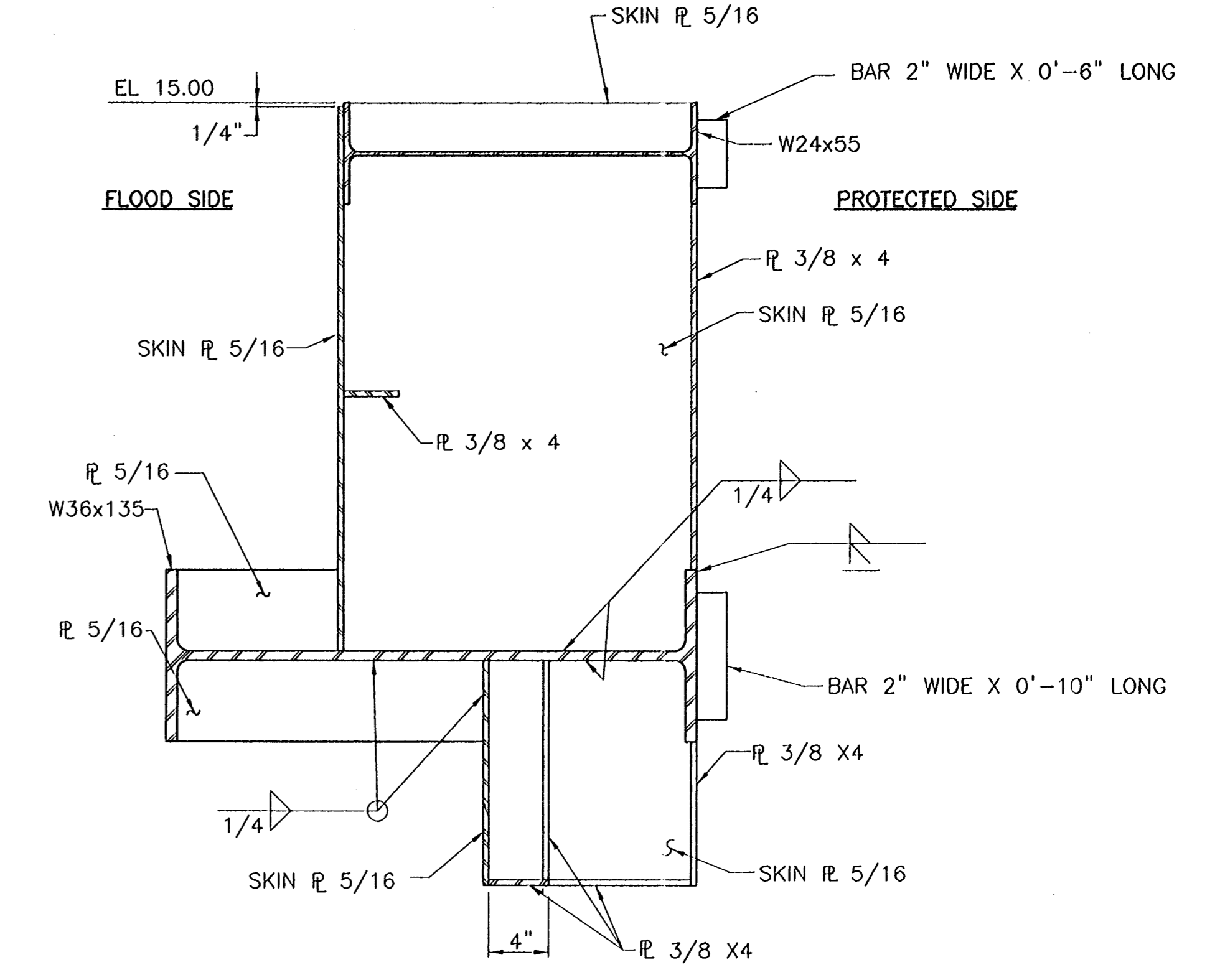
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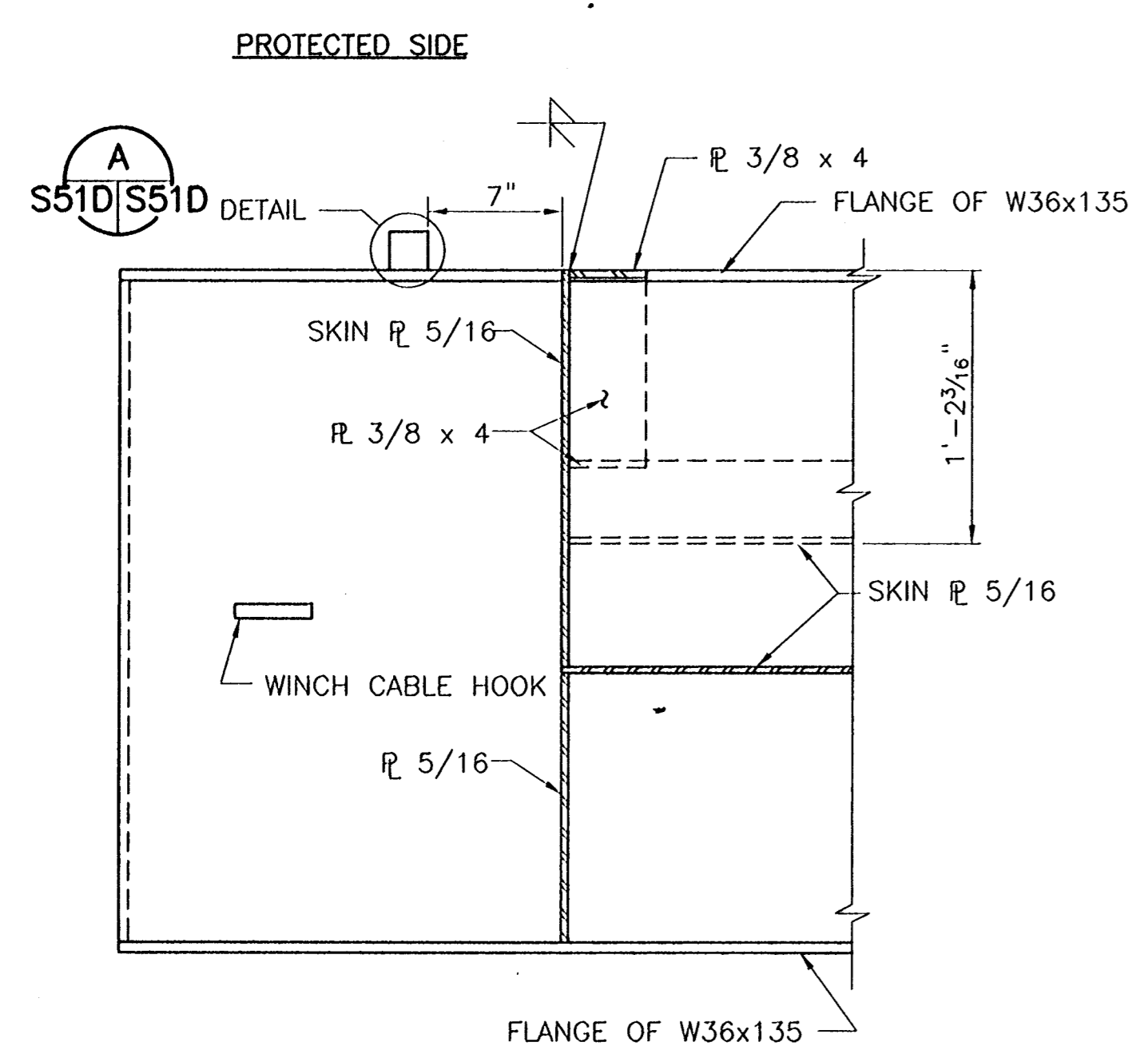
SOUTH END—SHOWN
NORTH END—OPPOSITE HAND
FLOOD SIDE ELEVATION AT END OF GATE
SCALE: 1 1/2"=1'-0"



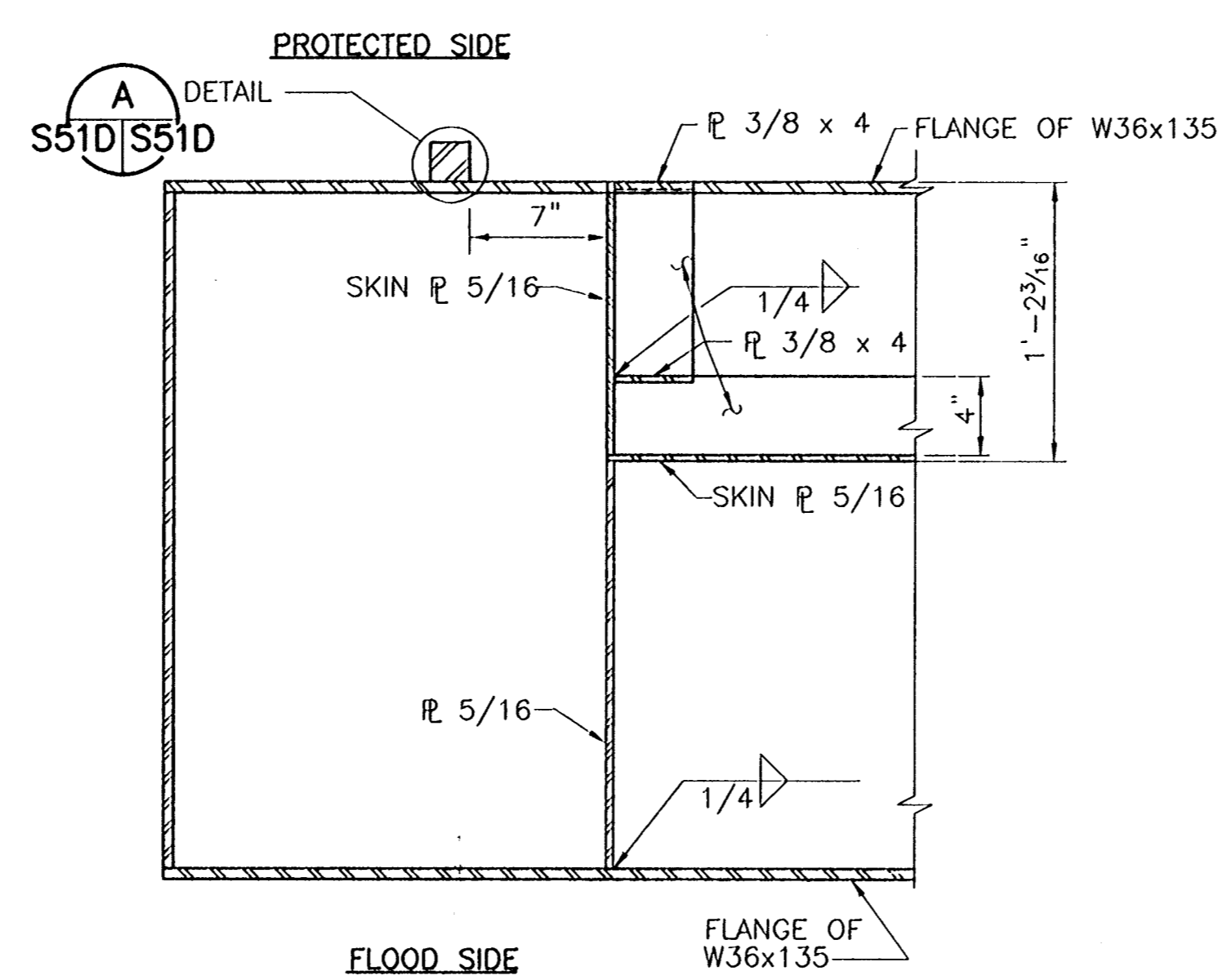
SECTION 1
SCALE: 1 1/2"=1'-0" S51D/S51D =



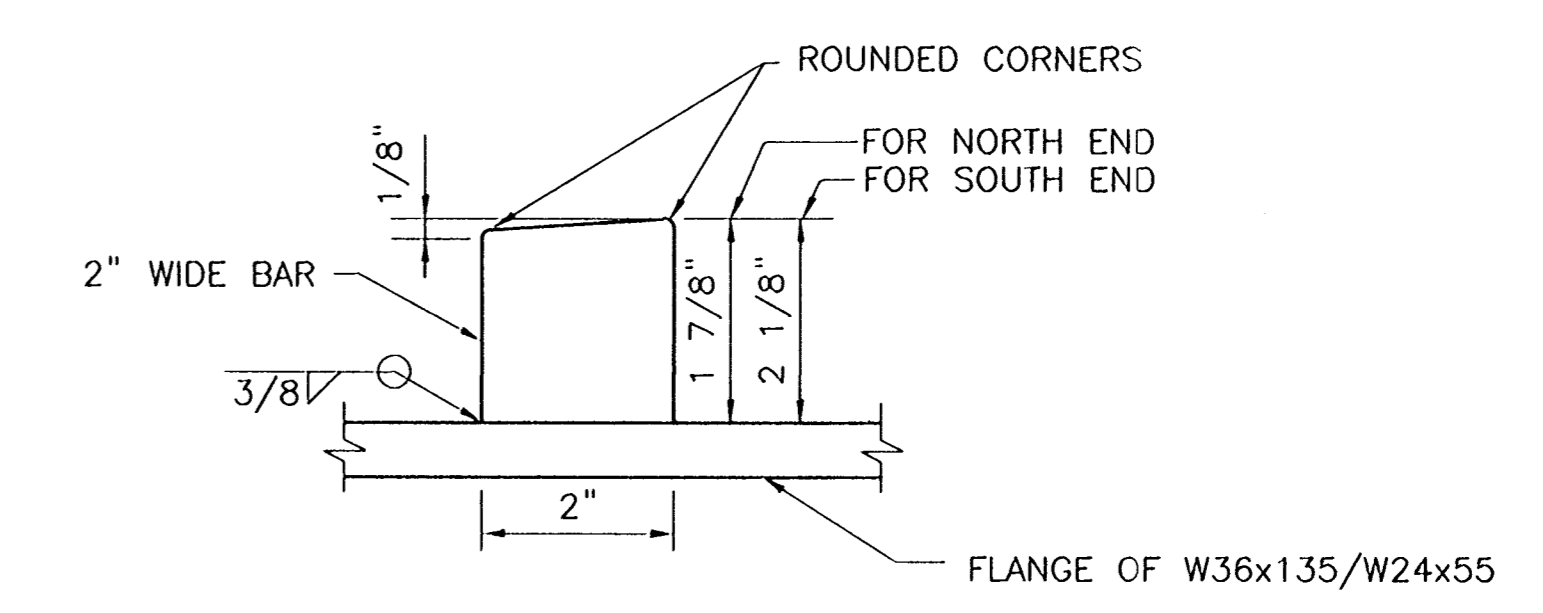
SECTION 2
SCALE: 1 1/2"=1'-0" S51D/S51D =



SECTION 4
SCALE: 1 1/2"=1'-0" S51D/S51D =



SECTION 3
SCALE: 1 1/2"=1'-0" S51D/S51D =

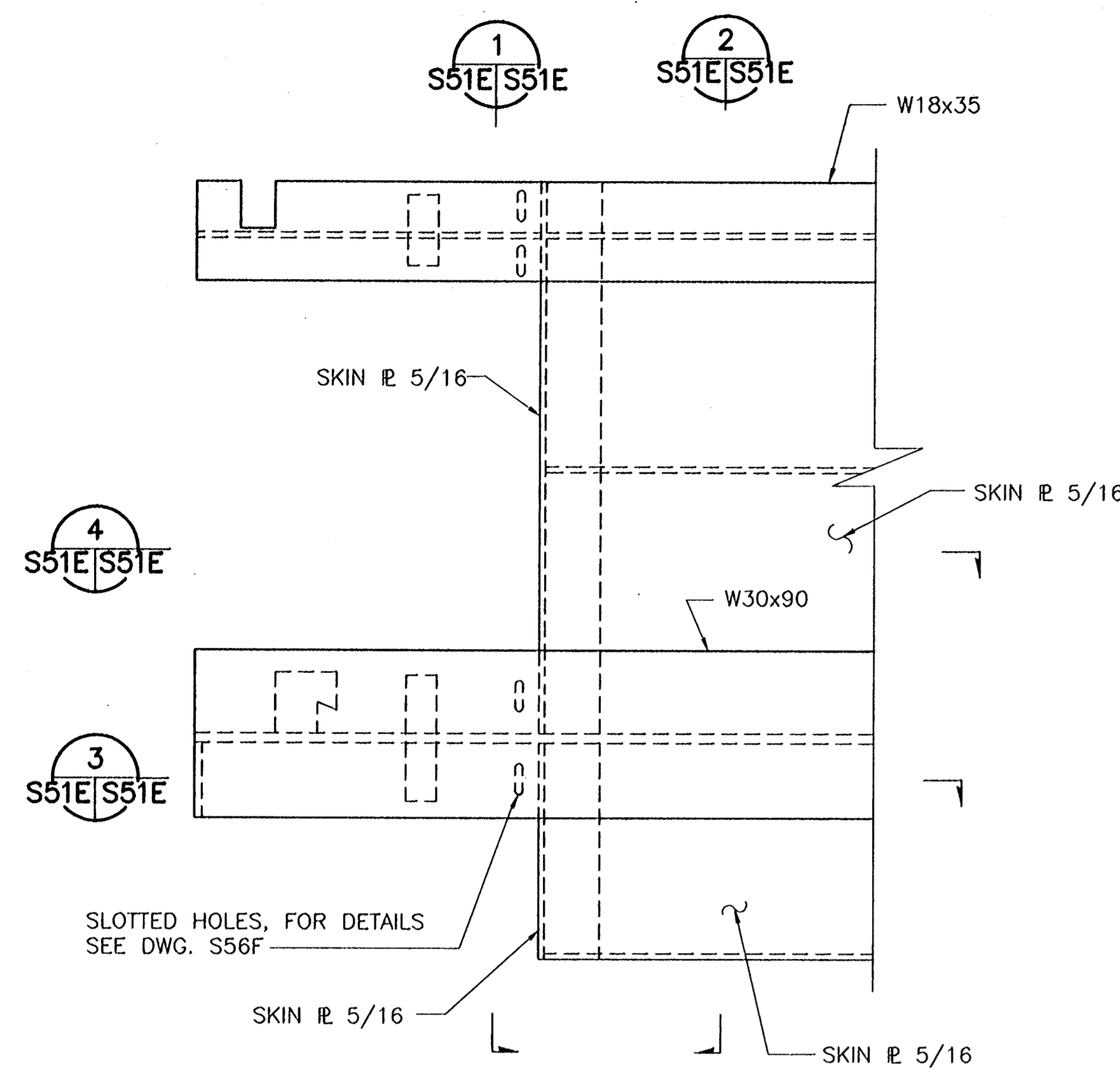


DETAIL A
SCALE: 6"=1'-0" S51D/S51D =

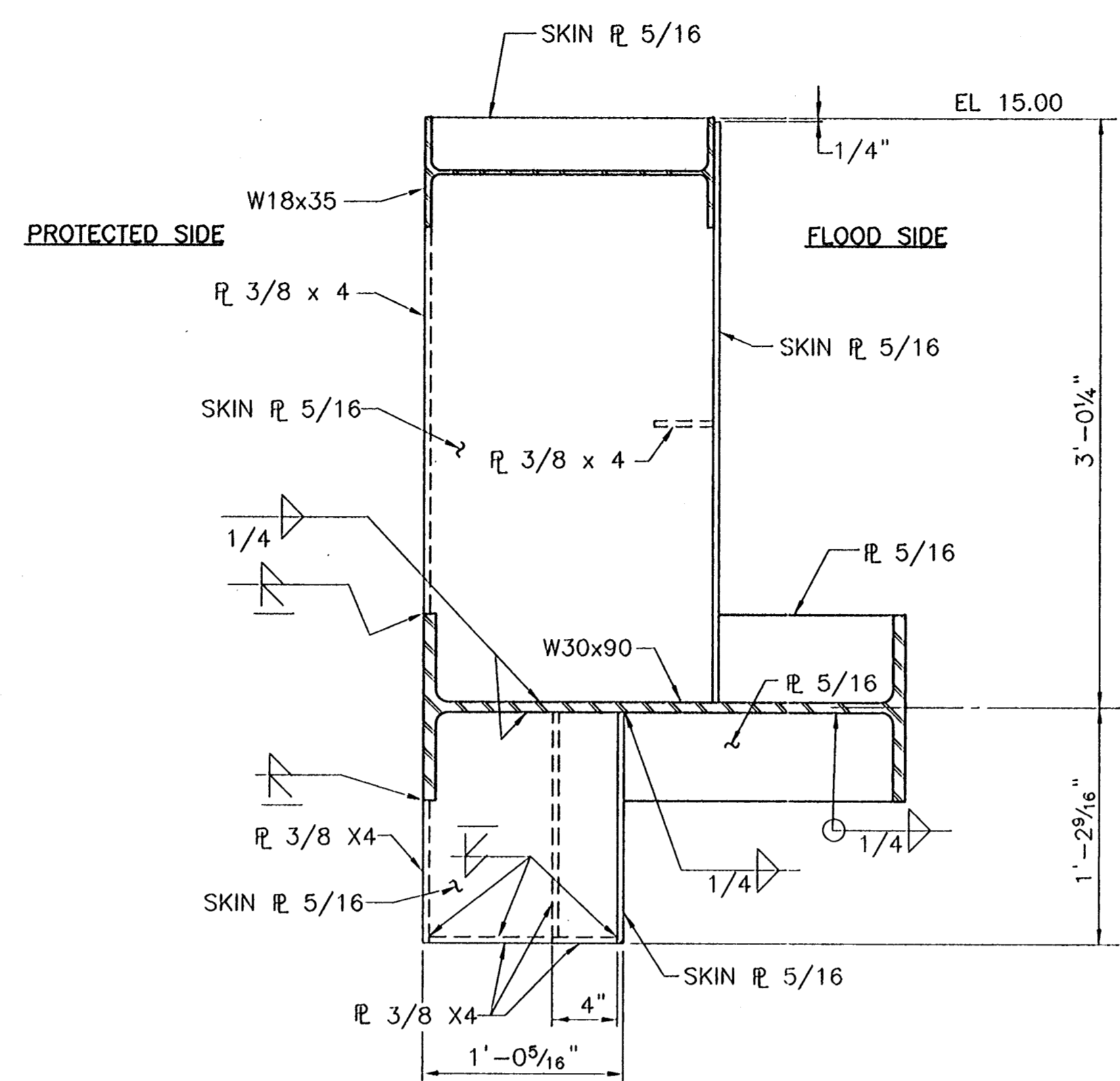
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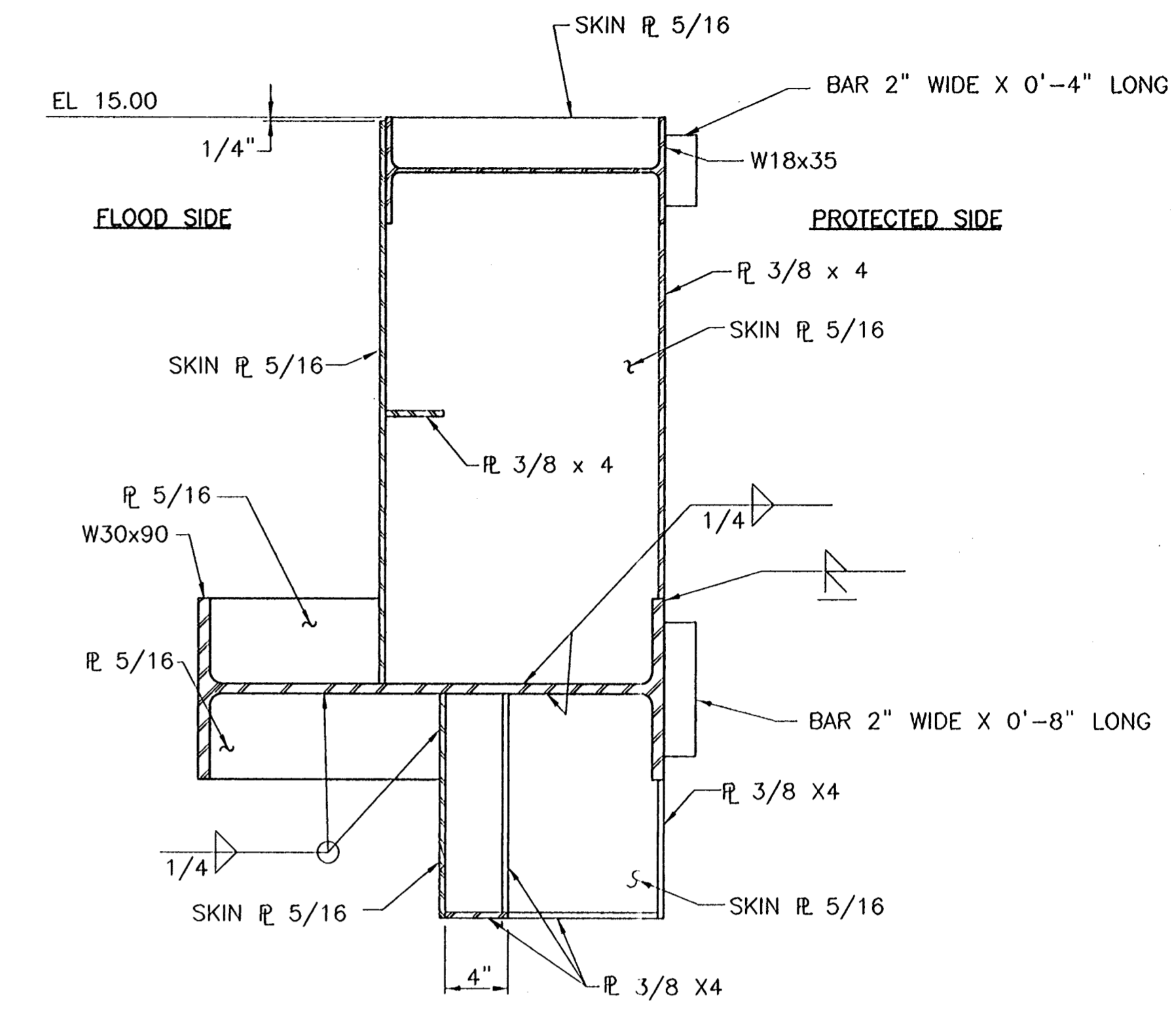
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL—SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 8 END SECTIONS	
DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	DRAWN J.M.R. DATE JAN. 14, 1998	SCALE AS SHOWN DESIGNED J.F.H. CHECKED G.P.F.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. SEC-RC8		WILLIAM B. CROMARTE, P.E. PROJECT ENGINEERING MANAGER PYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S51D		REOF000303	



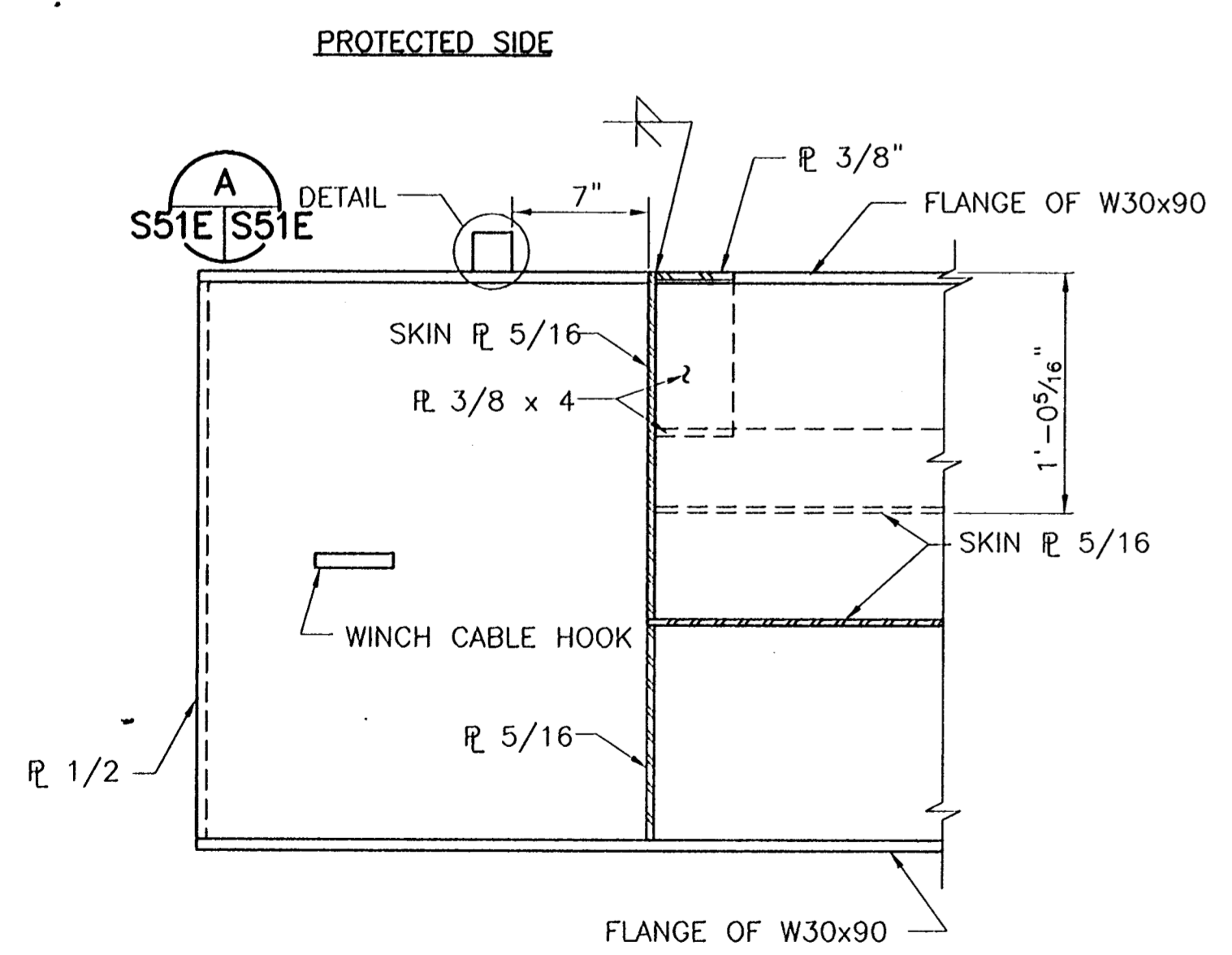
SOUTH END—SHOWN
NORTH END—OPPOSITE HAND
FLOOD SIDE ELEVATION AT END OF GATE
SCALE: 1 1/2"=1'-0"



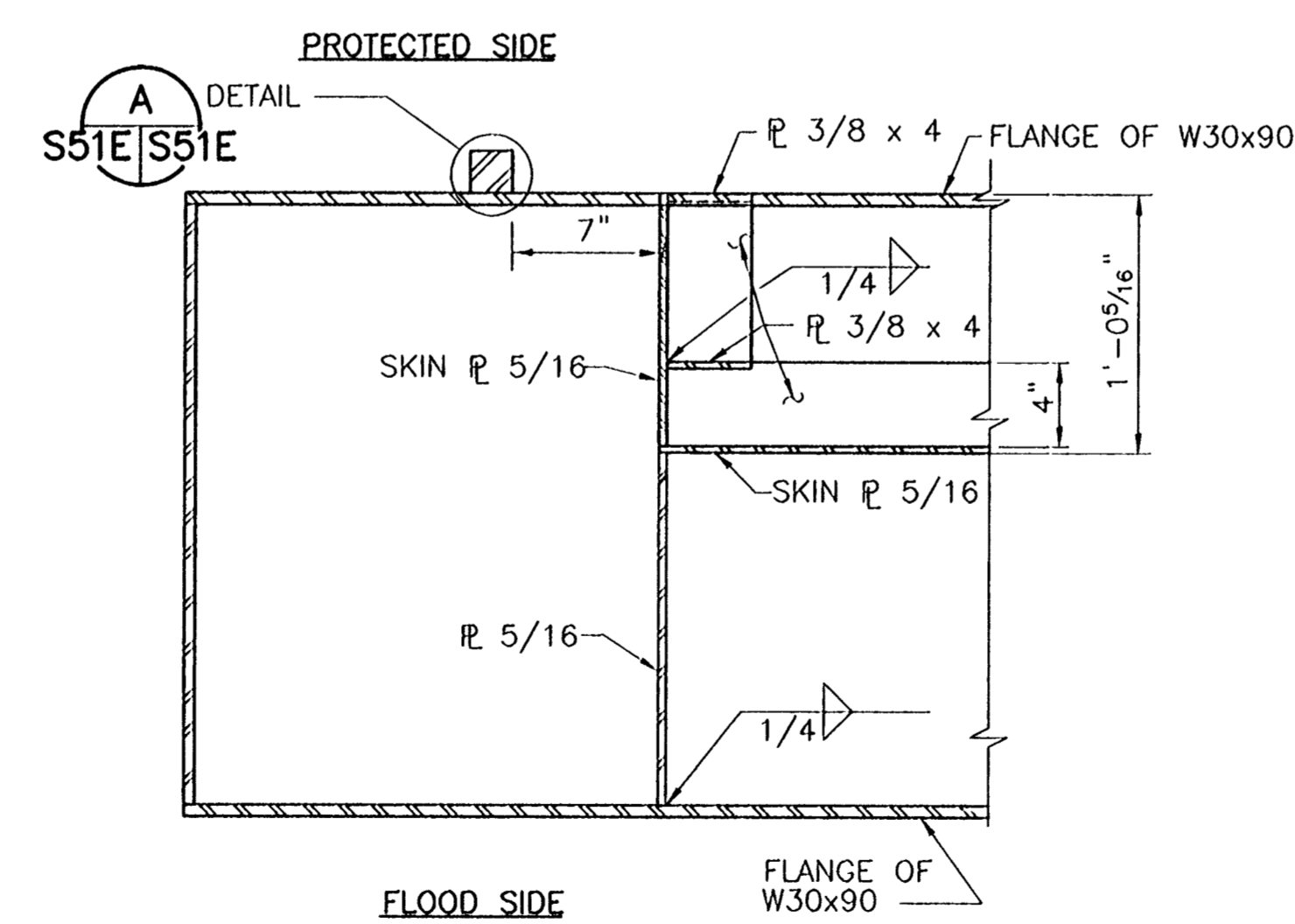
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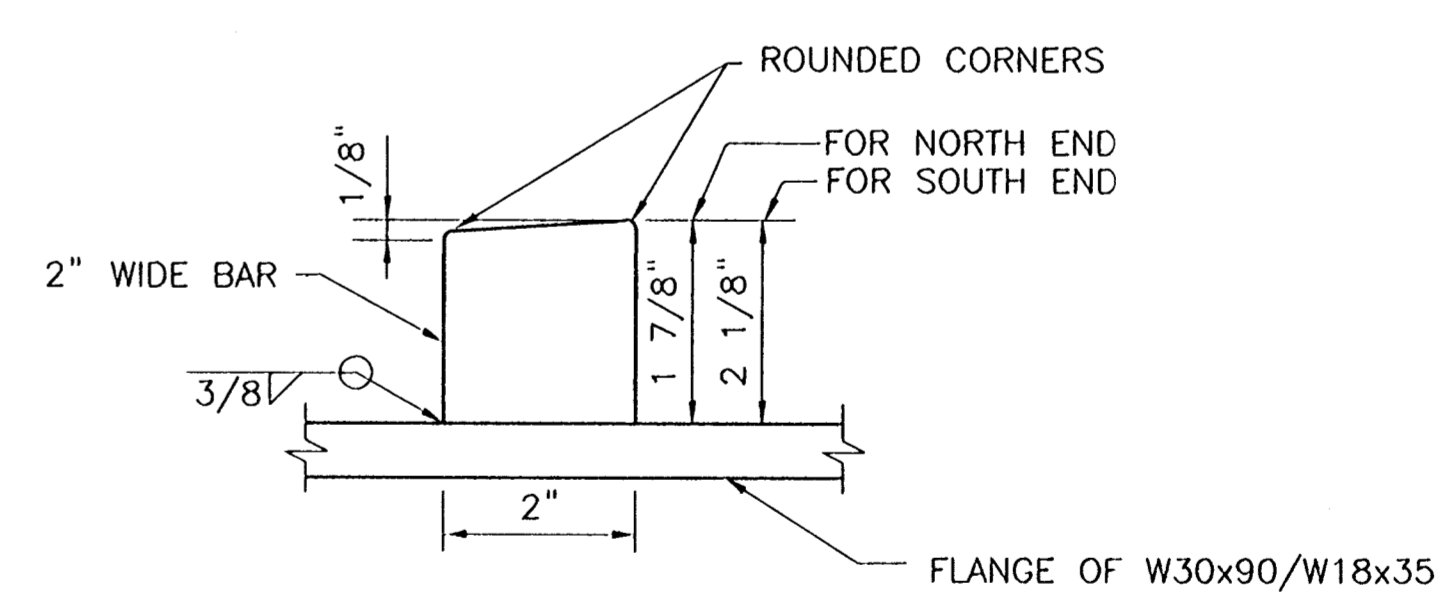
SECTION 2
SCALE: 1 1/2"=1'-0" S51E/S51E =



SECTION 4
SCALE: 1 1/2"=1'-0" S51E/S51E =



SECTION 3
SCALE: 1 1/2"=1'-0" S51E/S51E =

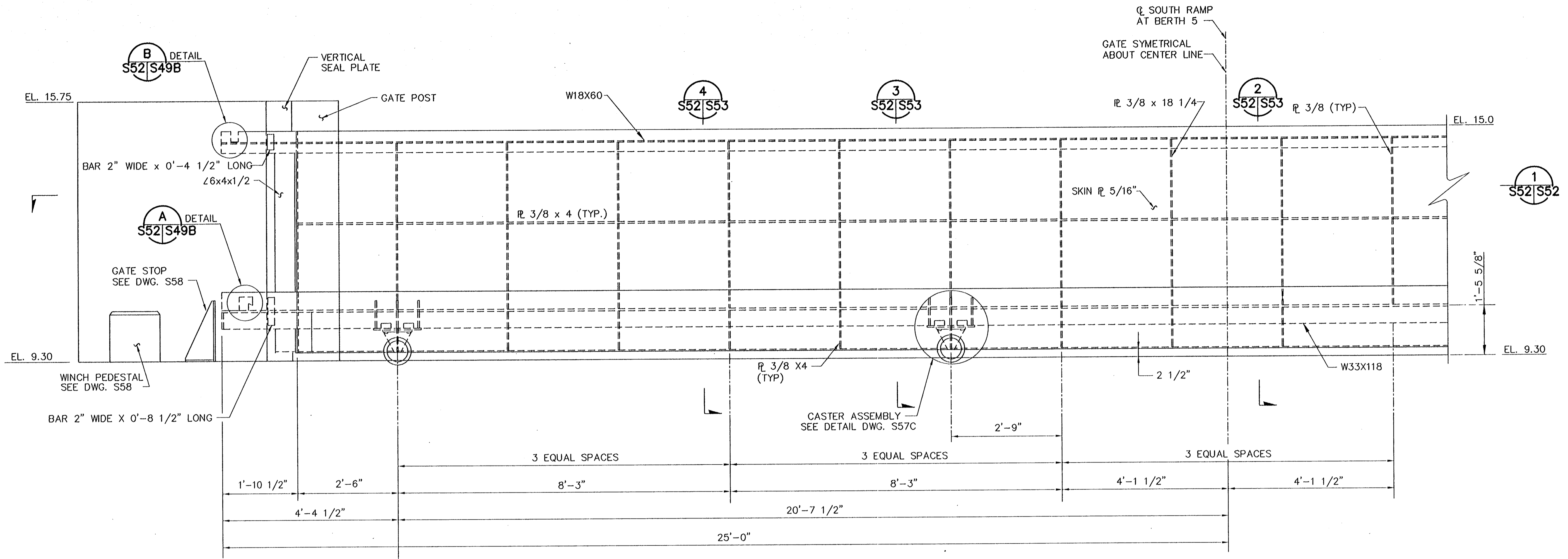


DETAIL A
SCALE: 6"=1'-0" S51E/S51E =

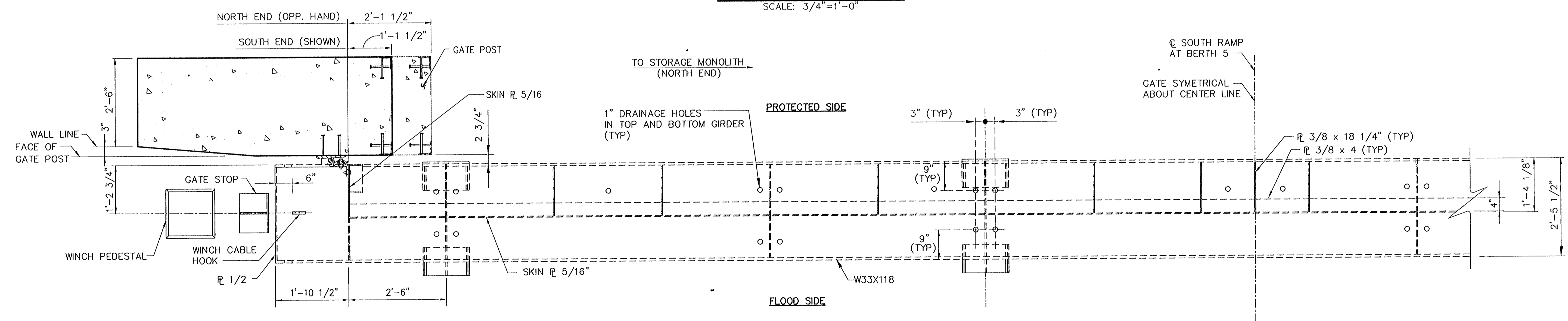
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL—SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 9 END SECTIONS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED B.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	IDENTIFICATION NO. SEC-RC9	
WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER		KYE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S51E		REQ000303	



FLOOD SIDE ELEVATION
SCALE: 3/4"=1'-0"



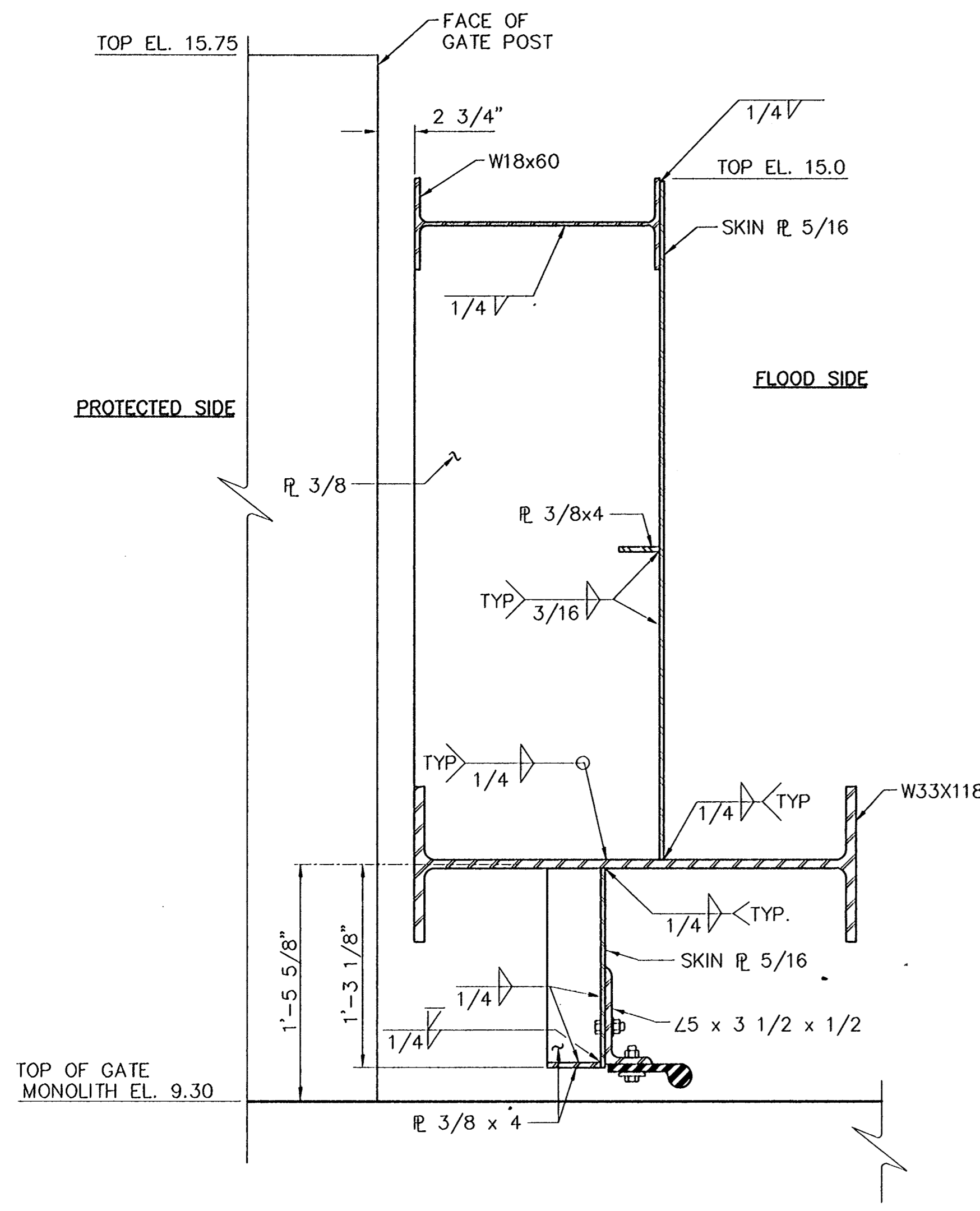
SECTION 1
SCALE: 3/4"=1'-0" S52|S52=

- NOTES:**
1. SPLICES IN W33X118 AND W18X60 SHALL UTILIZE FULL PENETRATION WELDS AND SHALL DEVELOP THE FULL STRENGTH OF THE MEMBER. WELDS SHALL BE 100% X-RAYED AND INSPECTED PER AWS D1.1, LATEST REVISION.
 2. ROLLER GATE SHALL BE LATCHED WHEN IN THE CLOSED POSITION.
 3. SEE LATCH DETAILS DWG. S86 AND S87.

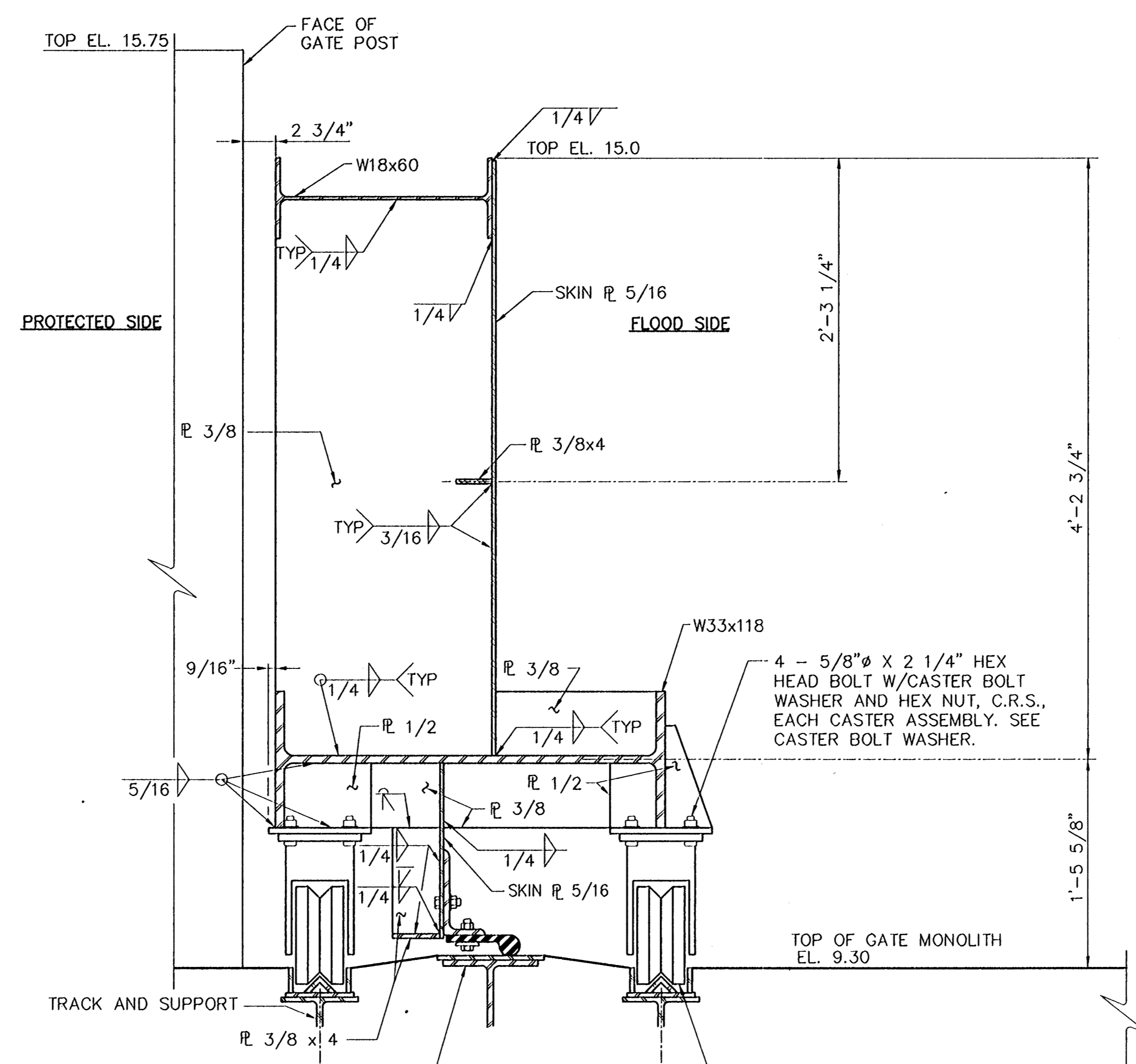
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 7 ELEVATION & SECTION SCALE: 3/4" = 1'-0" DATE: JAN. 14, 1988	
DRAWN: J.M.R. CHECKED: J.F.H. APPROVED: G.P.F.		DESIGNED: J.F.H. CHECKED: G.P.F. SUBMITTED BY: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. PAE-RLG7		RECOMMENDED: _____ APPROVED: _____ WILLIAM B. CROWTHER, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S52		REEF000303	

08.1988 11:34:25 PM FILE: G:\CAD\1\CAD\504-006\PROJ-303\STRUCT\PAE-RLG7 [Logon: Dore]

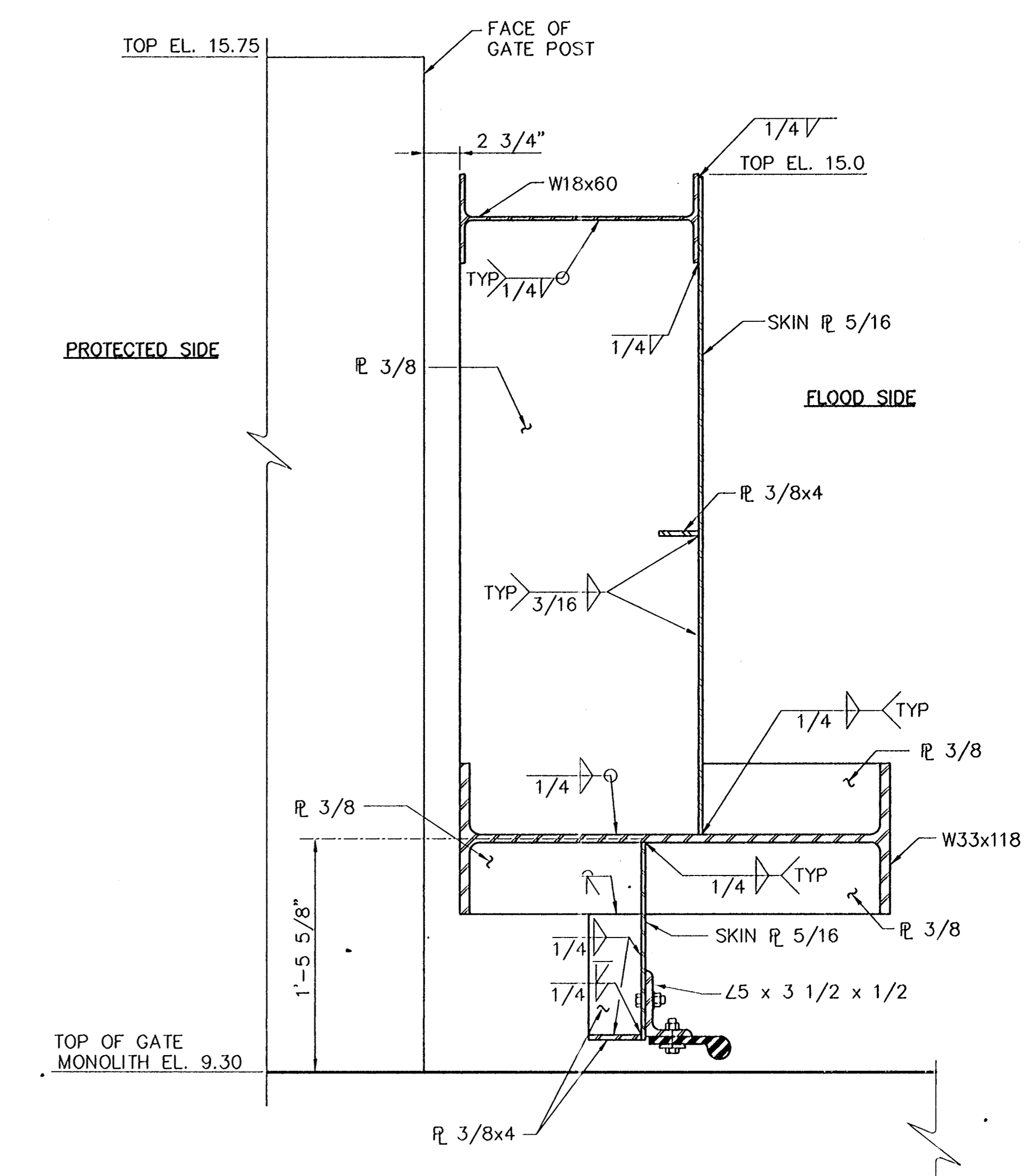
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SECTION 2
SCALE: 1 1/2" = 1'-0" S52|S53



SECTION 3
SCALE: 1 1/2" = 1'-0" S52|S53



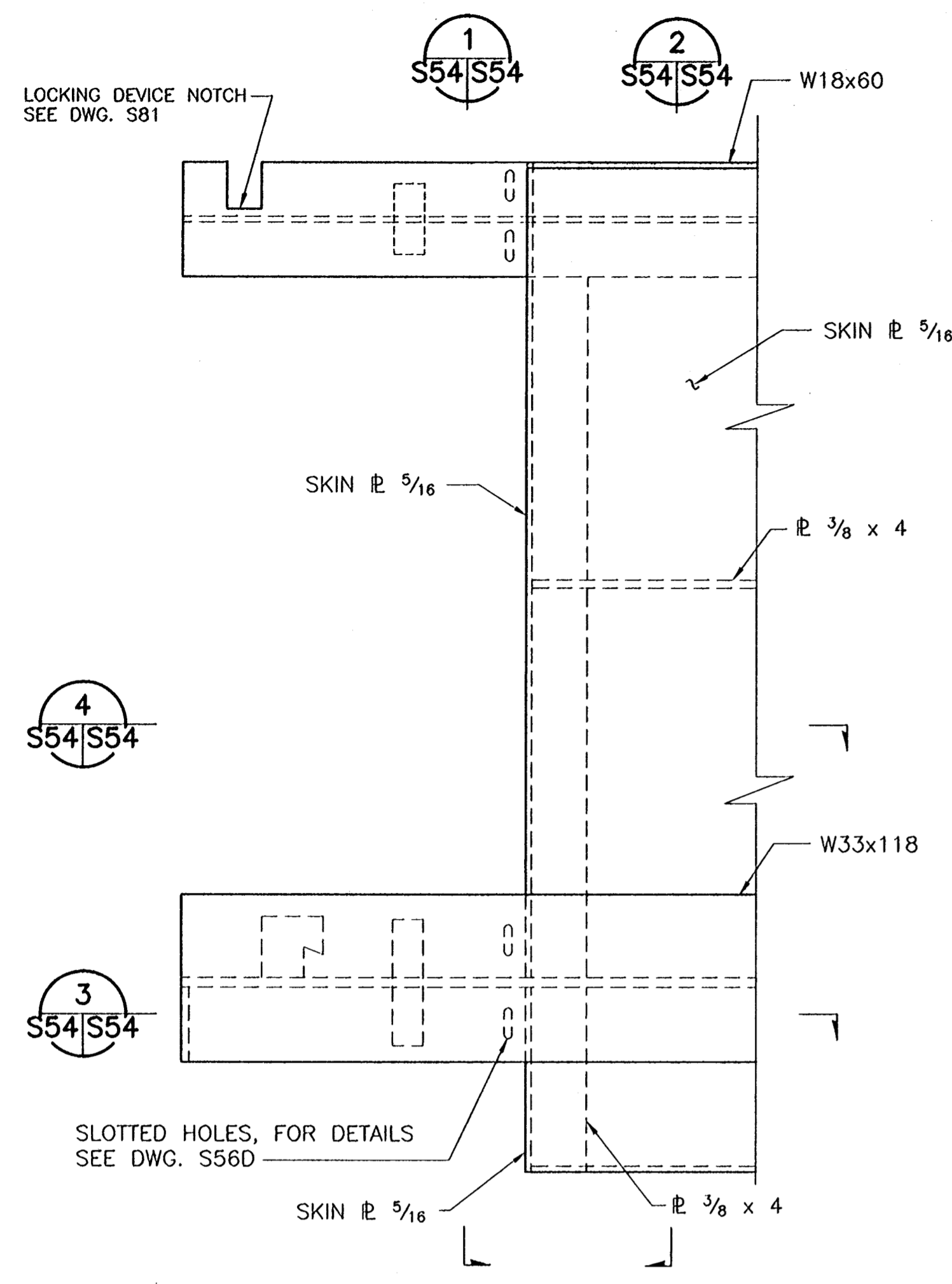
SECTION 4
SCALE: 1 1/2" = 1'-0" S52|S53

- NOTES:**
- PARTICULAR ATTENTION SHALL BE GIVEN TO FIELD ADJUSTMENT OF BOTTOM SEAL IN ORDER TO OBTAIN PROPER SEAL WITH SEAL PLATE.
 - WELDS SHOWN ARE TYPICAL FOR SIMILAR JOINTS WHERE NOT SHOWN.

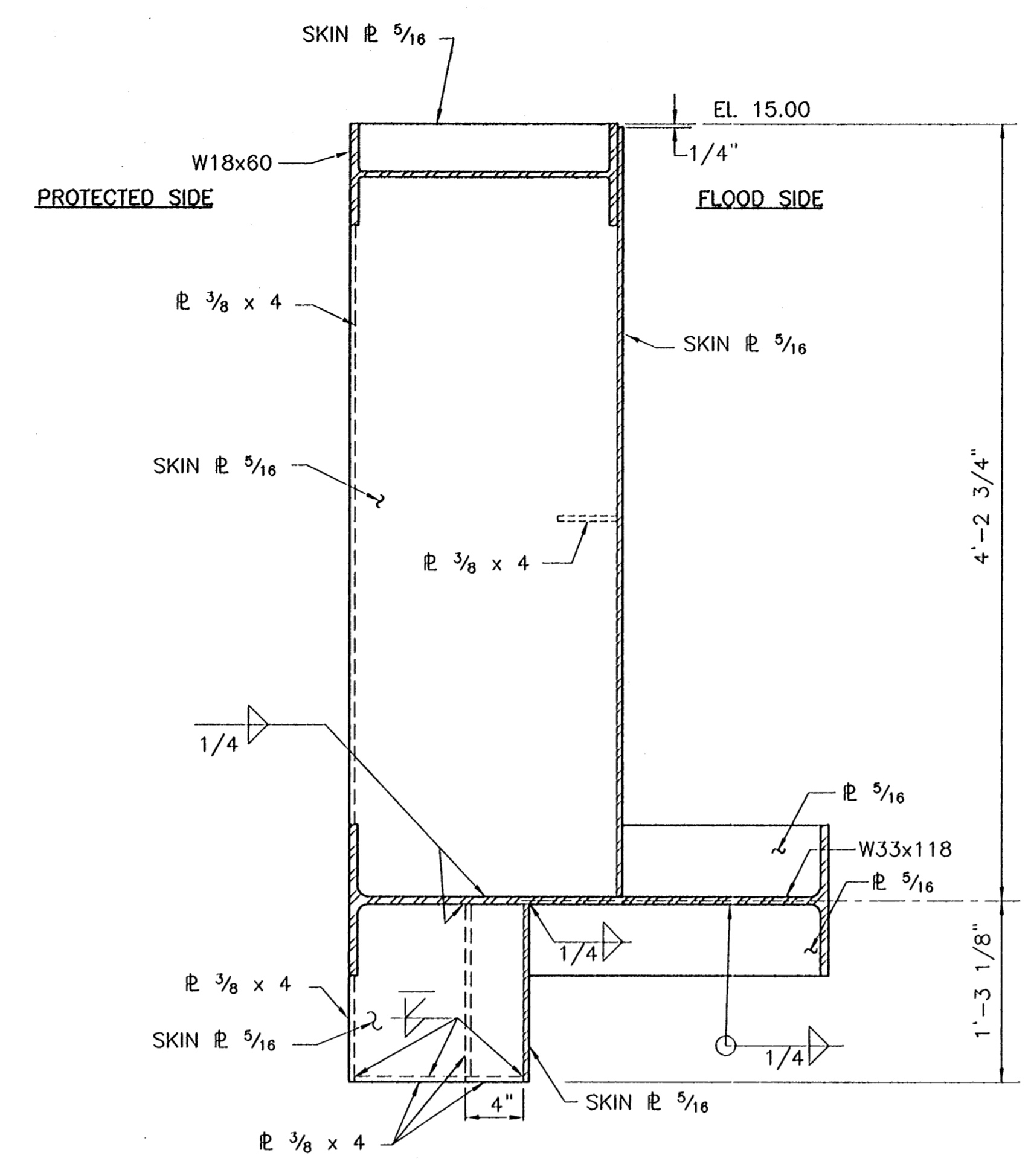
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 7 SECTIONS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE 1-1/2" = 1'-0" IDENTIFICATION NO. SEC-RLG1	WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER DWG. NO. M11-7008-S53

Jan 08, 1998 - 11:36:25 PM FILE: G:\CAD\A\CAD\504-006\PROJ-503\STRUCT\SEC-RLG1.dwg [Login: Dave]

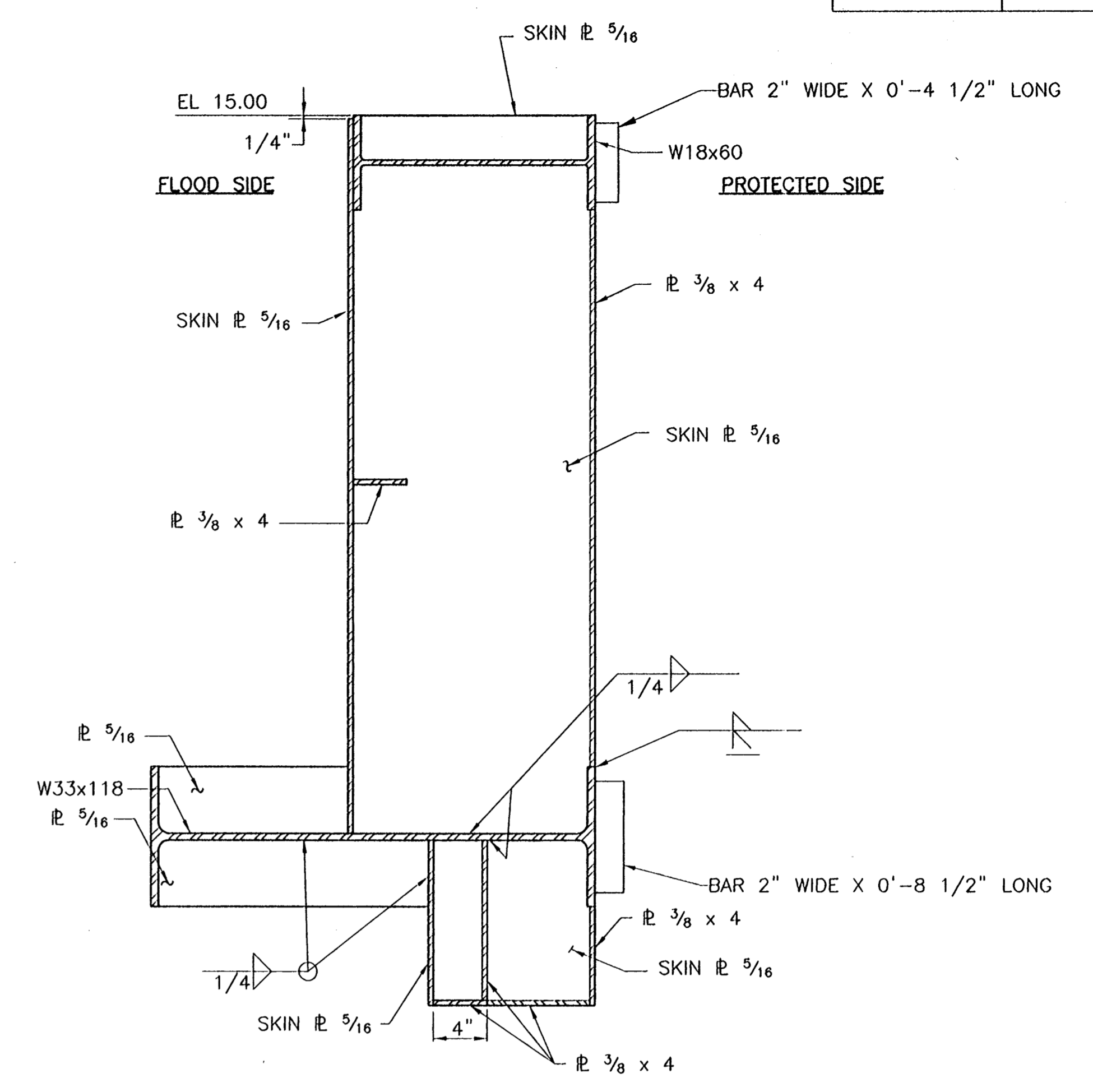
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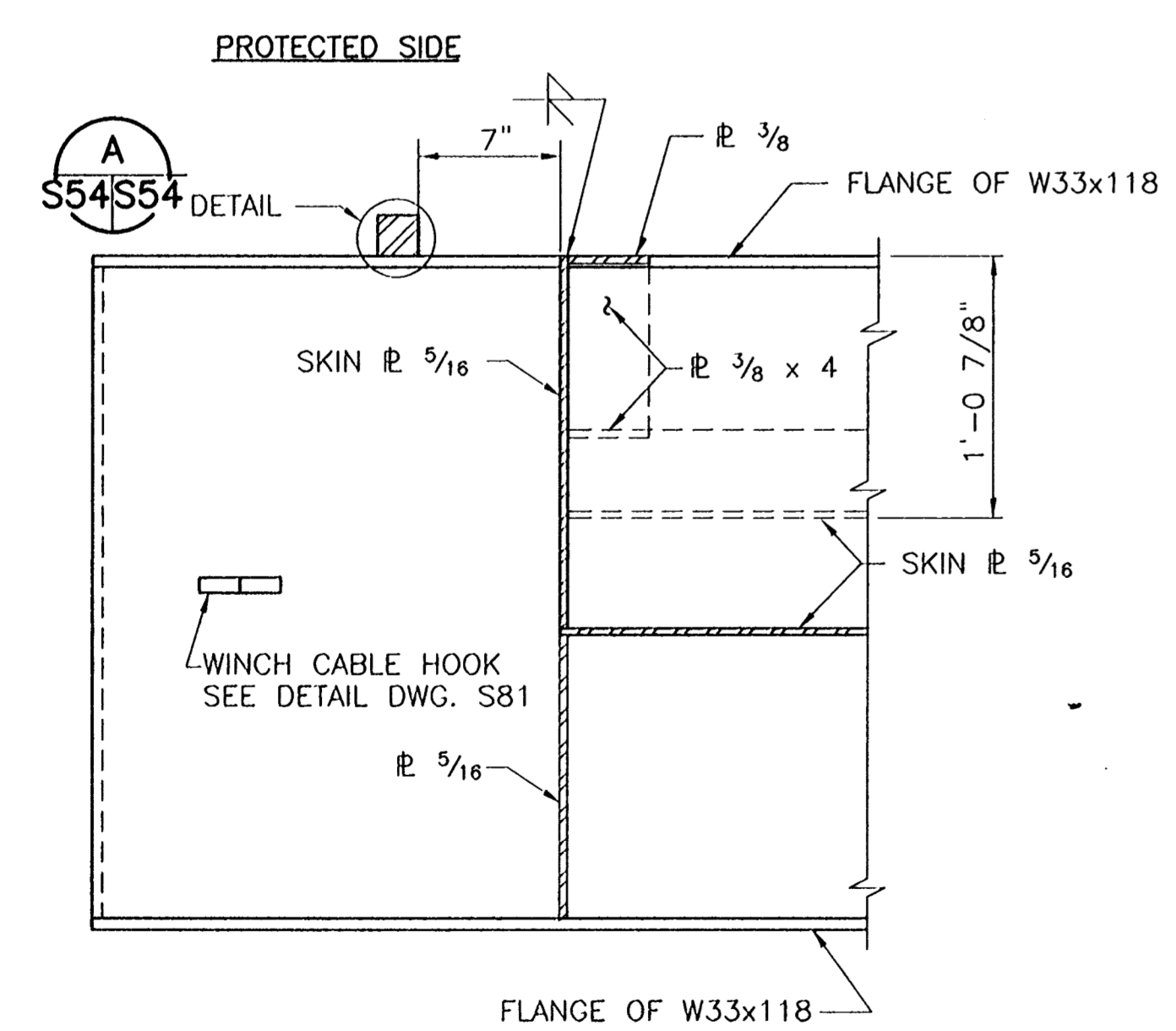
SOUTH END—SHOWN
NORTH END—OPPOSITE HAND
FLOOD SIDE ELEVATION AT END OF GATE
SCALE: 1 1/2"=1'-0"



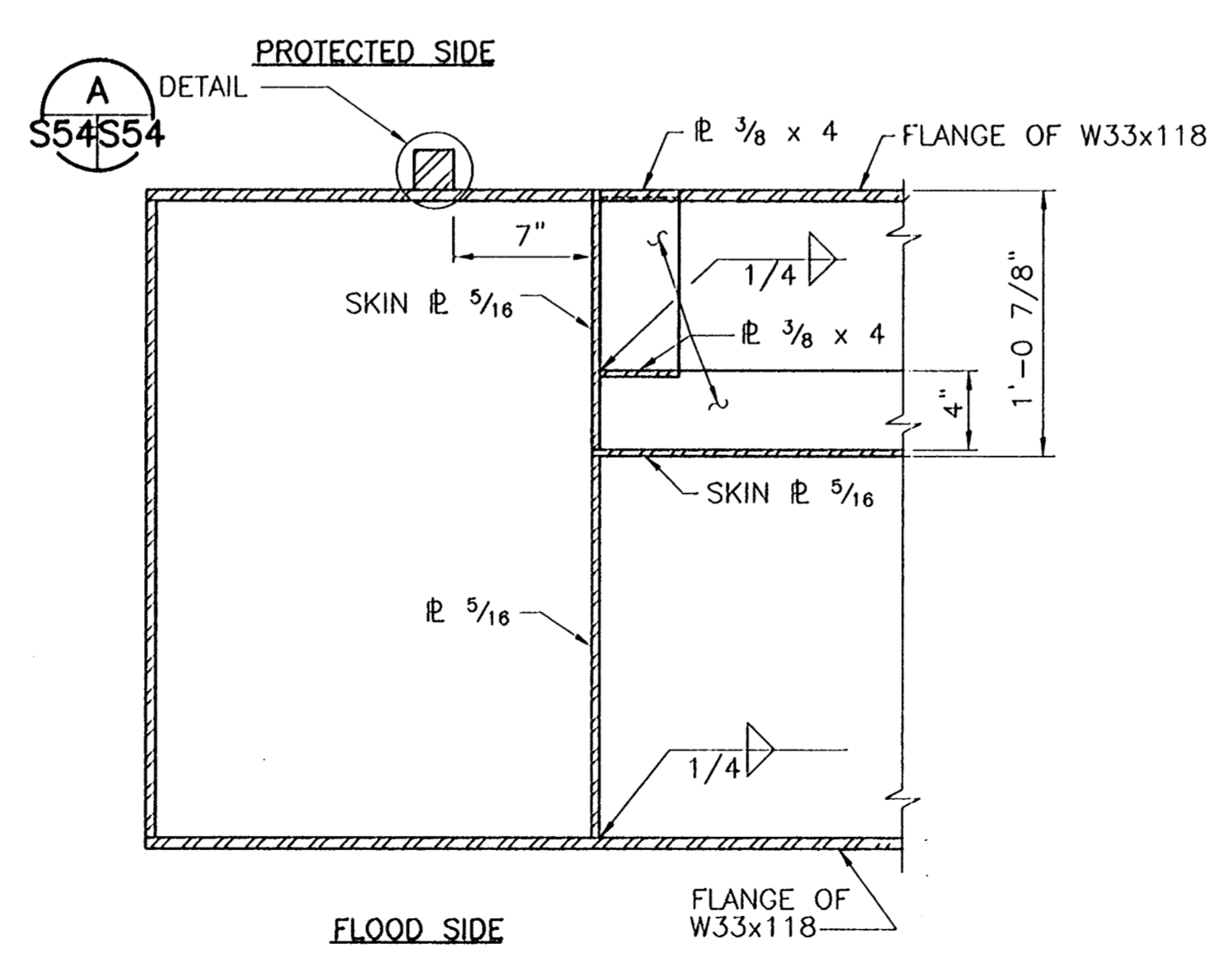
SECTION 1
SCALE: 1 1/2"=1'-0"



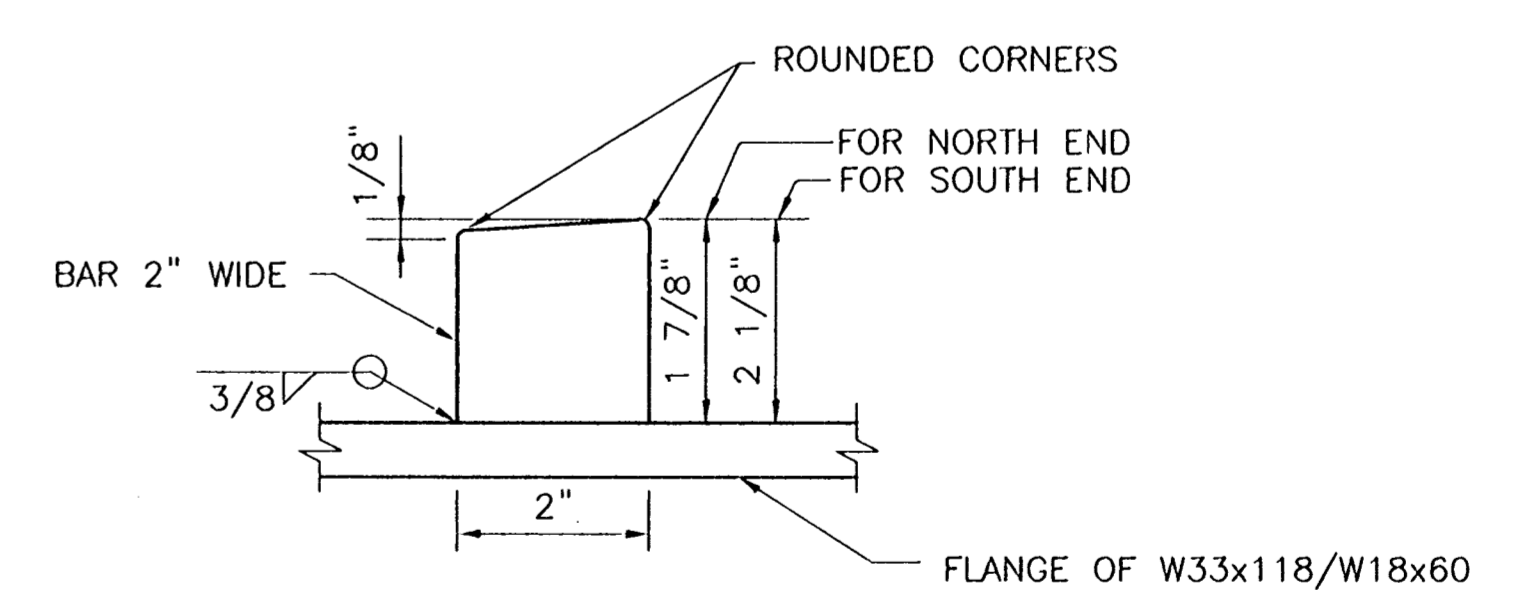
SECTION 2
SCALE: 1 1/2"=1'-0"



SECTION 4
SCALE: 1 1/2"=1'-0"



SECTION 3
SCALE: 1 1/2"=1'-0"



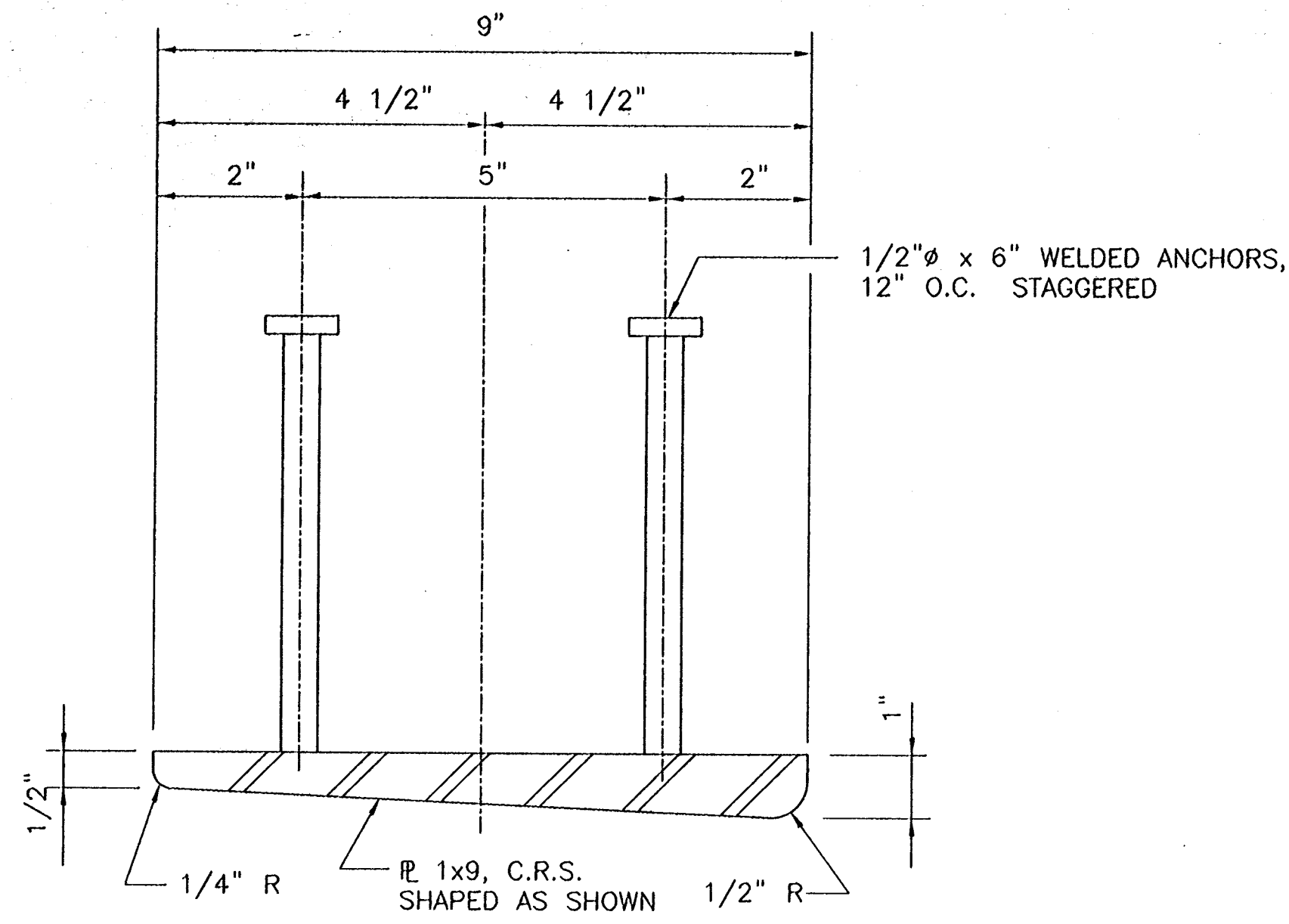
DETAIL A
SCALE: 6"=1'-0"

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL—SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 7 END SECTIONS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>AS SHOWN</u> IDENTIFICATION NO. <u>SEC-RLG3</u>	
WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. <u>M11-7008-S54</u>		REF0000303	

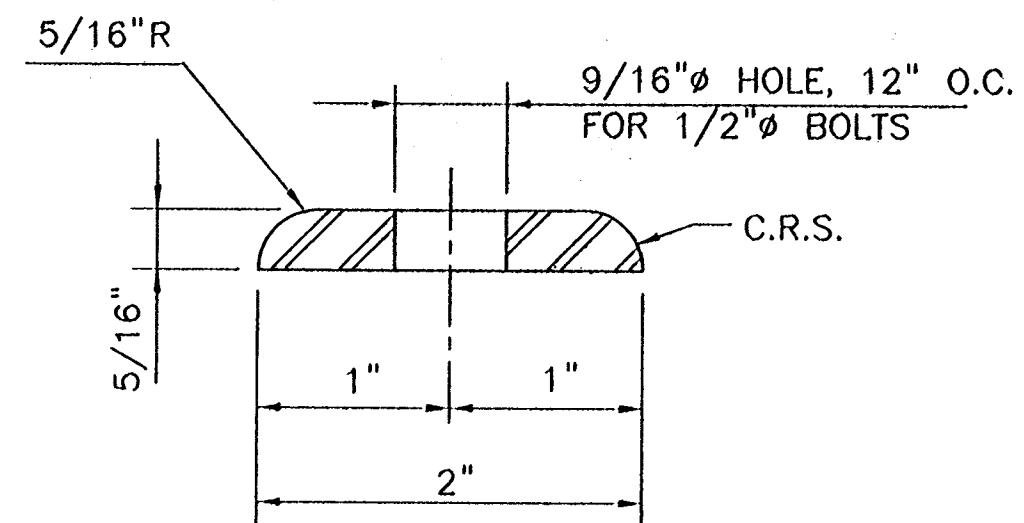
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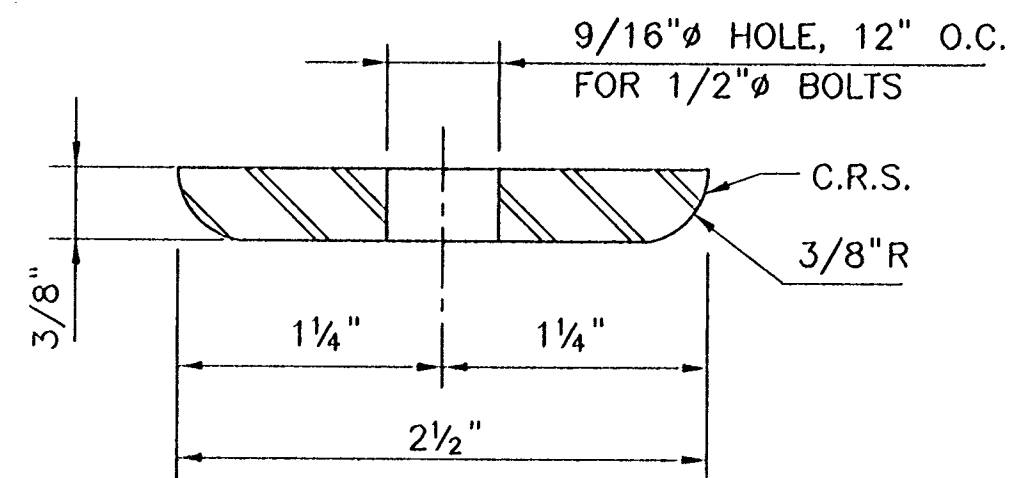
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	100



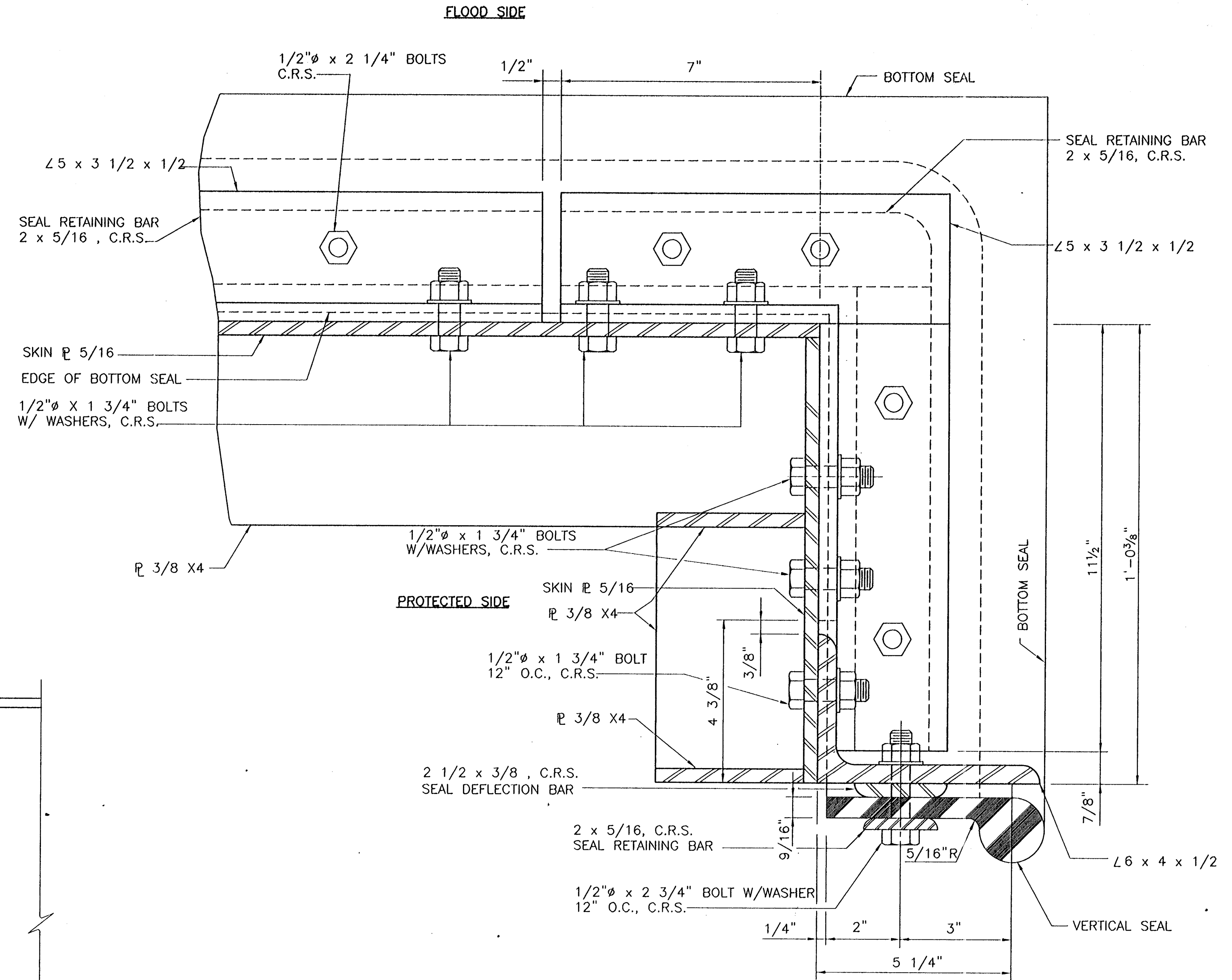
VERTICAL SEAL PLATE DETAIL
SCALE: 6"=1'-0"



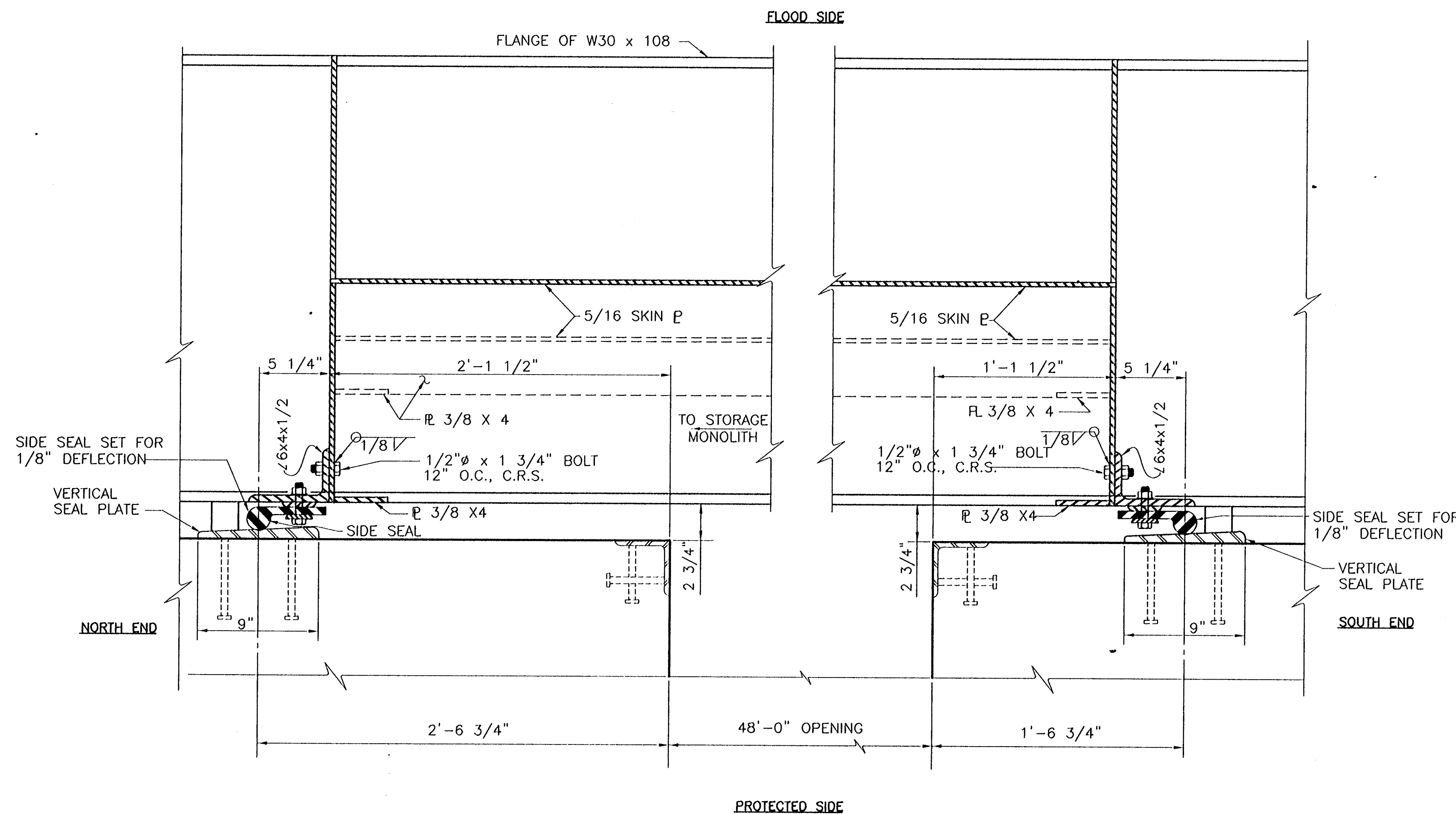
SEAL RETAINING BAR
SCALE: 12"=1'-0"



SEAL DEFLECTION BAR
SCALE: 12"=1'-0"



VERTICAL SEAL
PLAN AT END OF GATE BELOW W33x108
SCALE: 6"=1'-0"



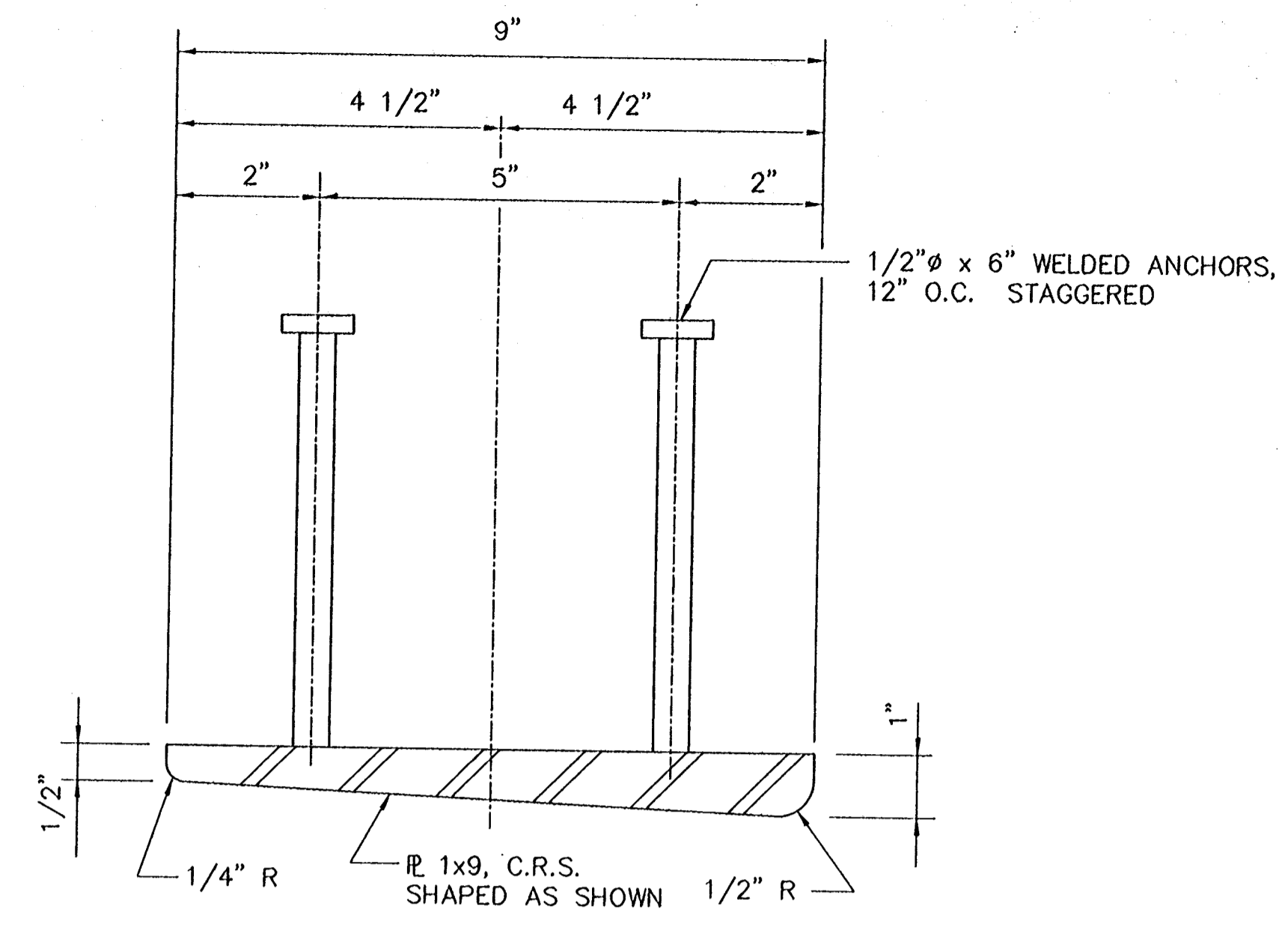
END SECTION THRU ROLLER GATE
SCALE: 2"=1'-0"

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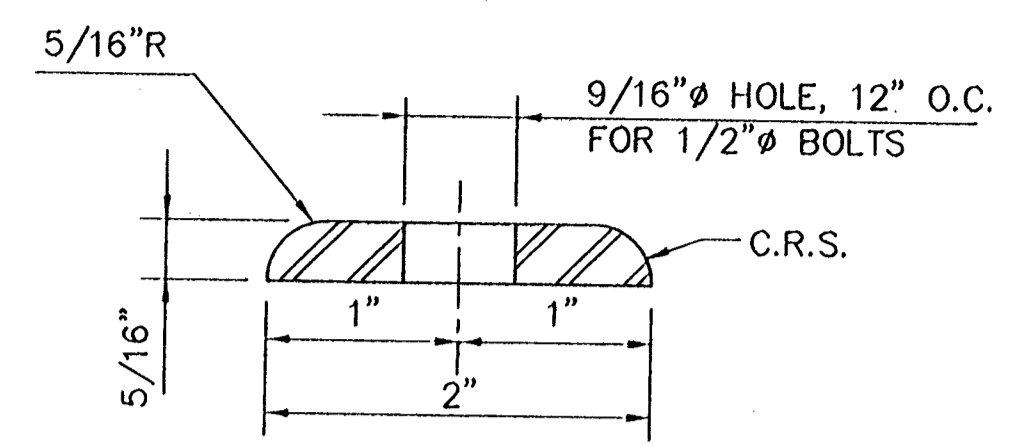
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 ROLLER GATE NOS. 5 SIDE SEAL DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		SCALE AS SHOWN DATE JAN. 14, 1998 DESIGNED J.F.H. DRAWN J.M.R. CHECKED G.P.F. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-RLG5		RECOMMENDED APPROVED WILLIAM B. CHAMARTE, P.E. PROJECT ENGINEERING MANAGER RILEY C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S55B		REF0000303	

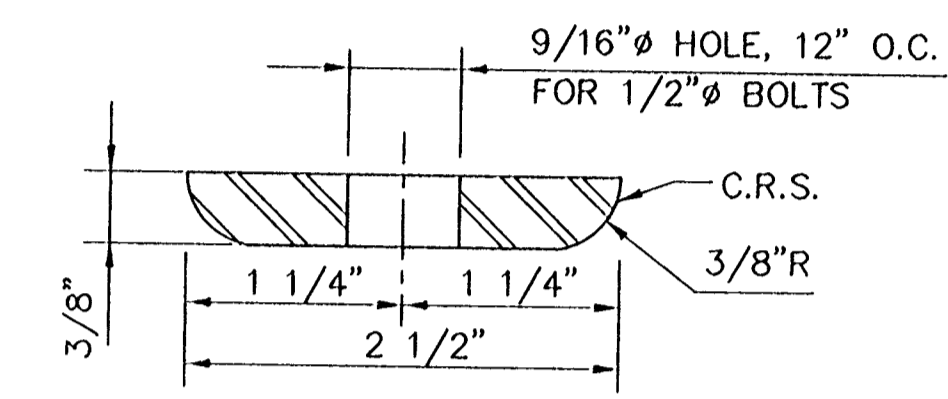
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	101



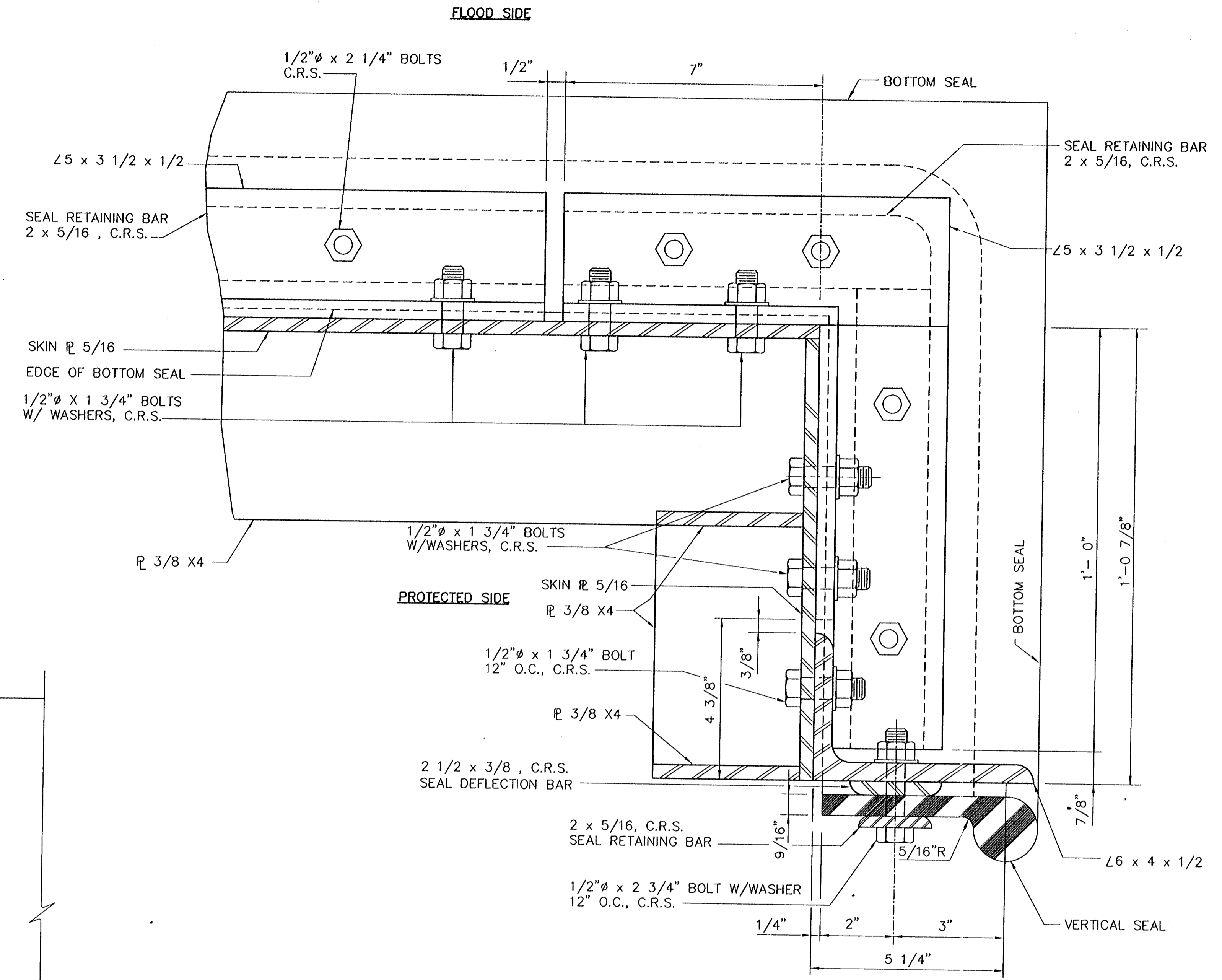
VERTICAL SEAL PLATE DETAIL
SCALE: 6"=1'-0"



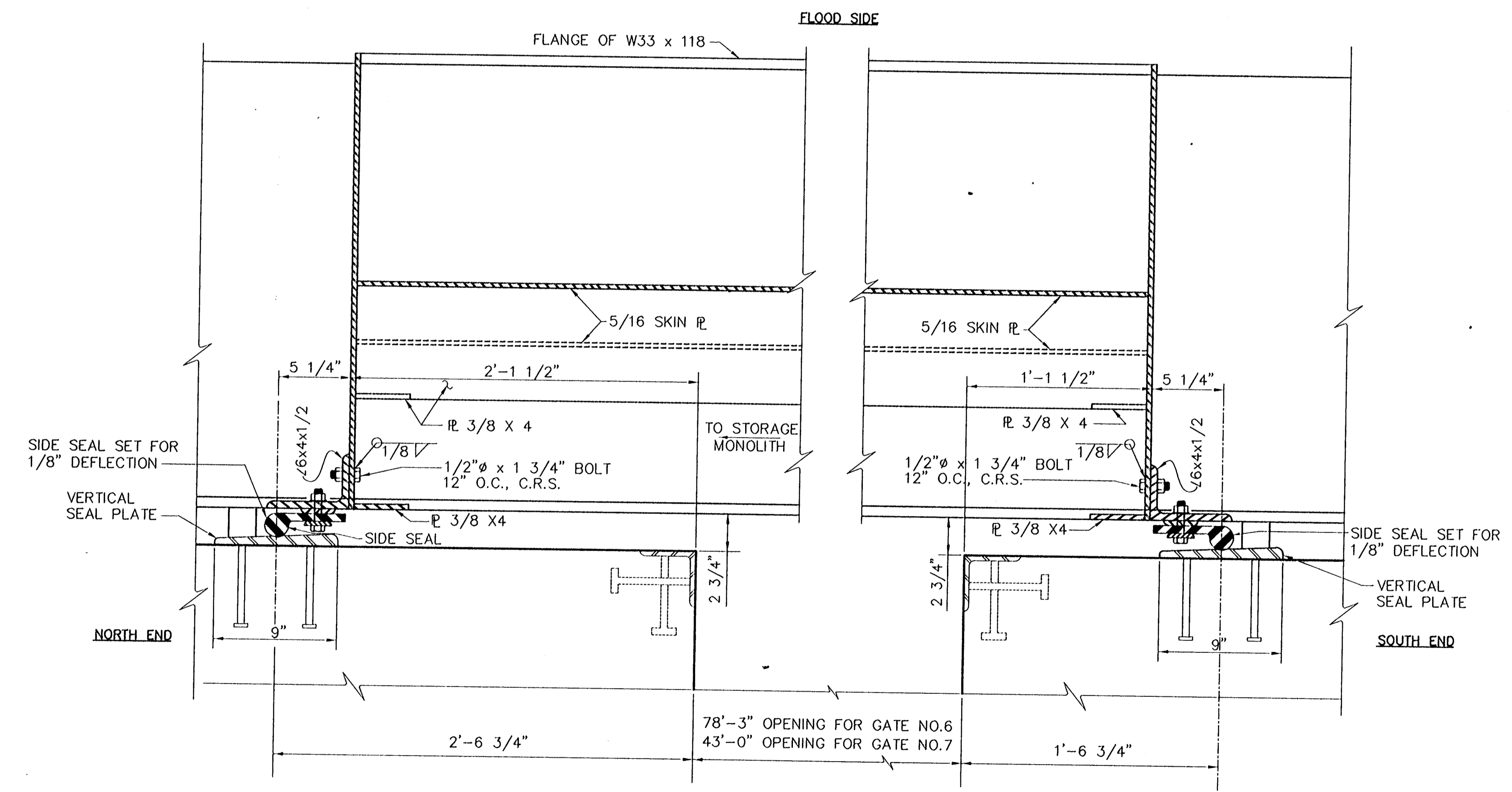
SEAL RETAINING BAR
SCALE: 12"=1'-0"



SEAL DEFLECTION BAR
SCALE: 12"=1'-0"



VERTICAL SEAL
PLAN AT END OF GATE BELOW W33x118
SCALE: 6"=1'-0"

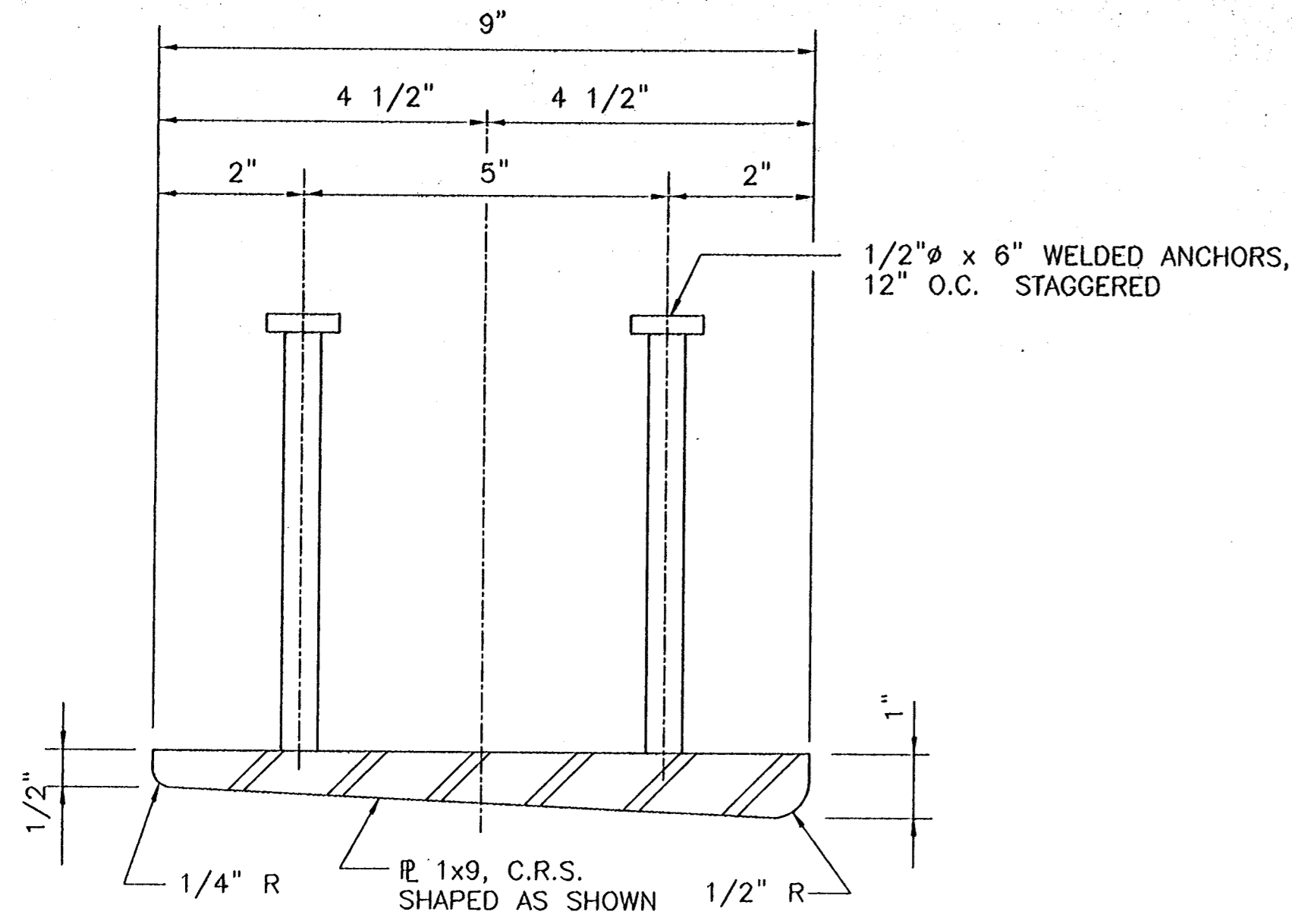


END SECTION THRU ROLLER GATE
SCALE: 2"=1'-0"

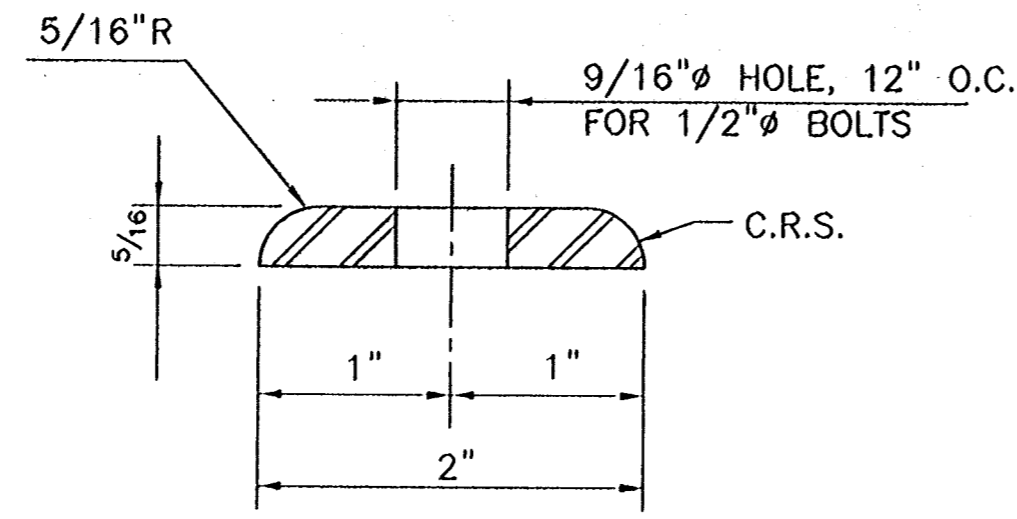
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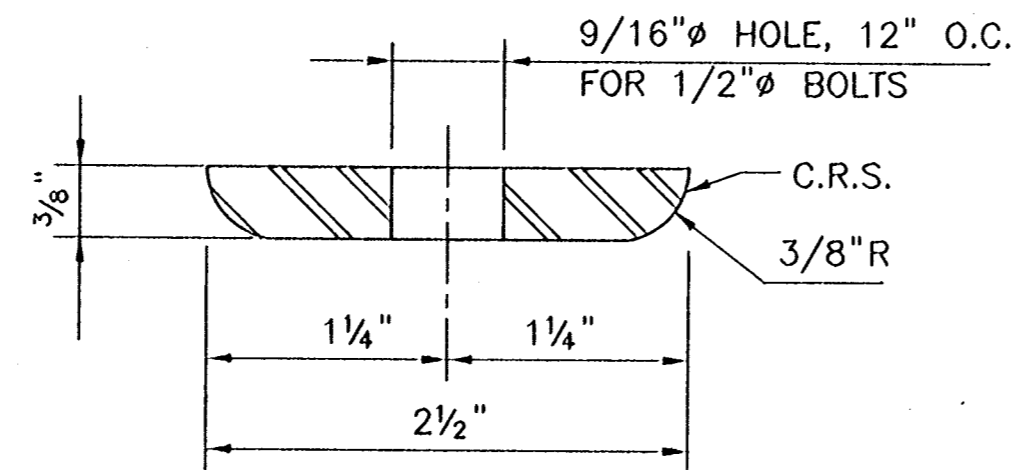
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NOS. 6 & 7 SIDE SEAL DETAILS	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-RLG2		WILLIAM B. CROWTHER, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S55C		REF000363	



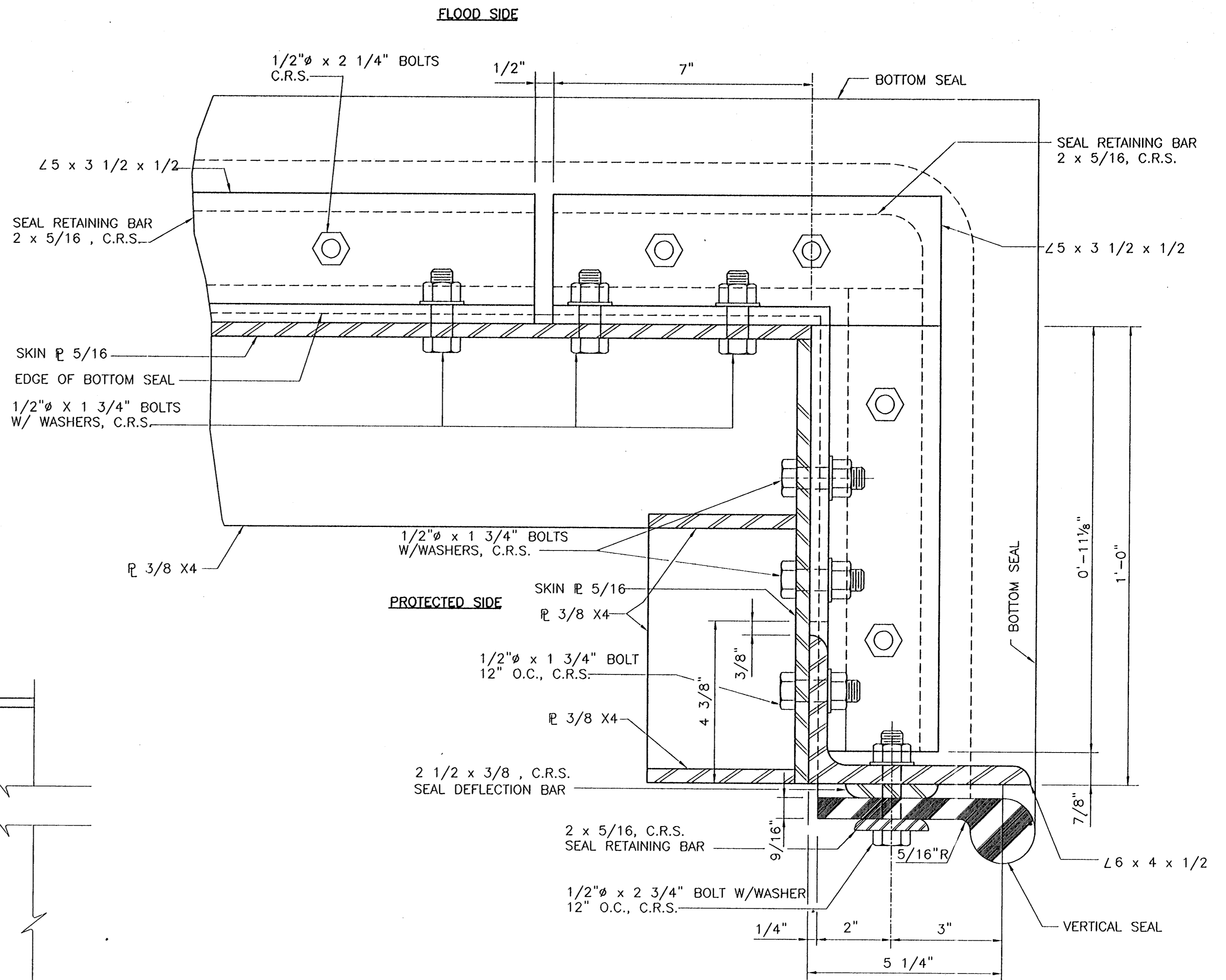
VERTICAL SEAL PLATE DETAIL
SCALE: 6"=1'-0"



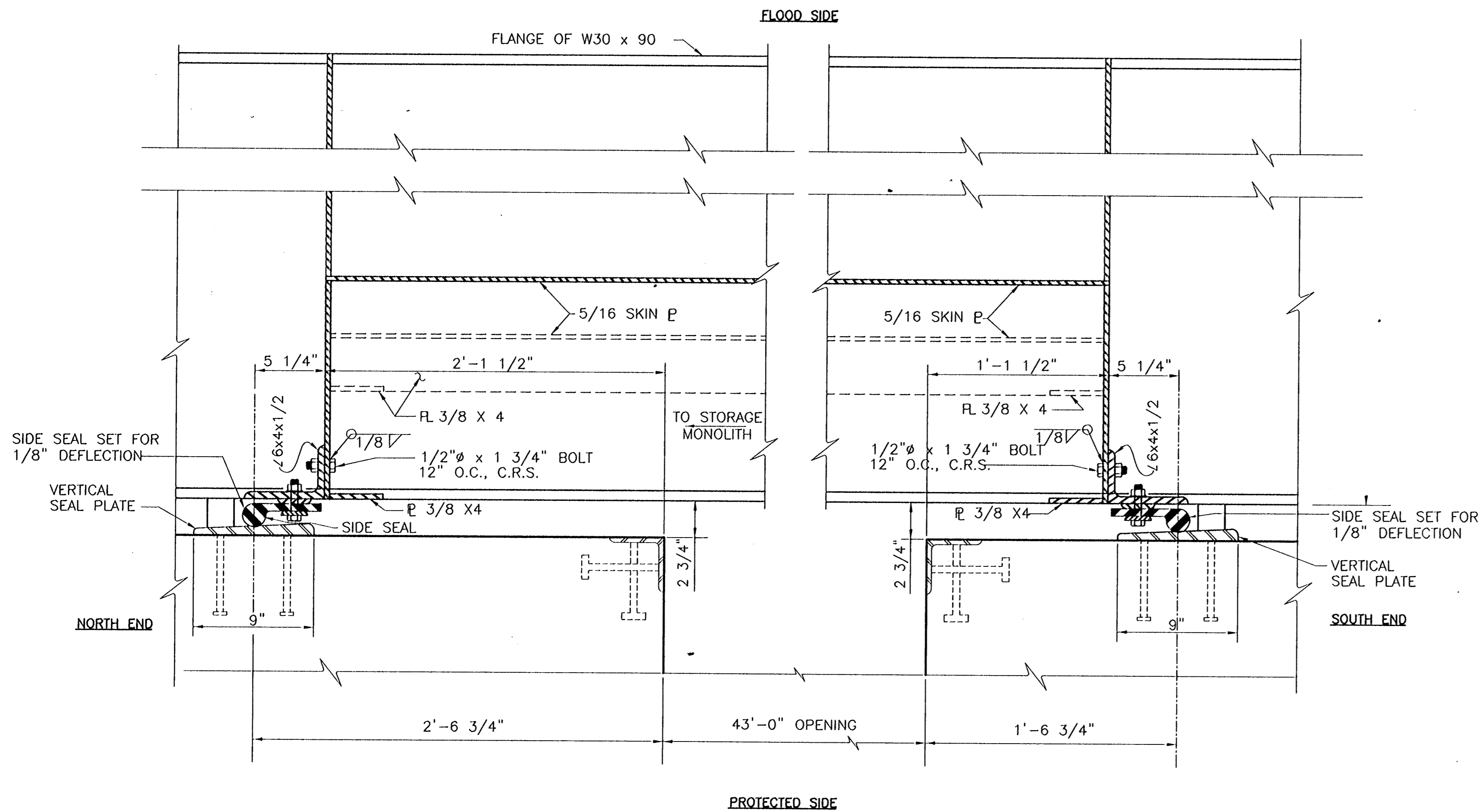
SEAL RETAINING BAR
SCALE: FULL SCALE



SEAL DEFLECTION BAR
SCALE: FULL SCALE



VERTICAL SEAL
PLAN AT END OF GATE BELOW W30x90
SCALE: 6"=1'-0"

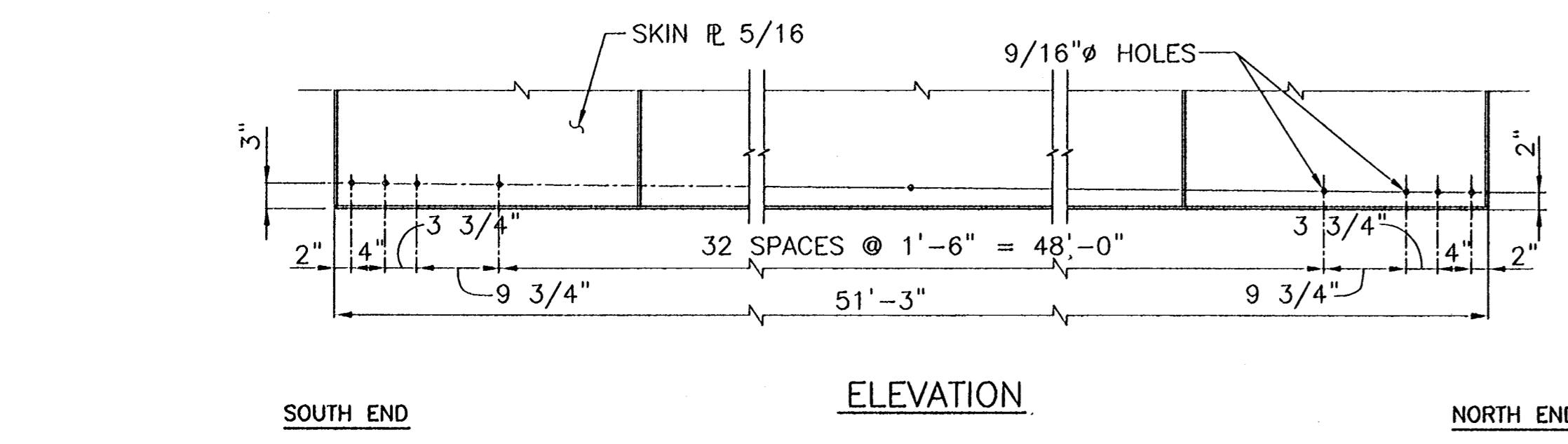
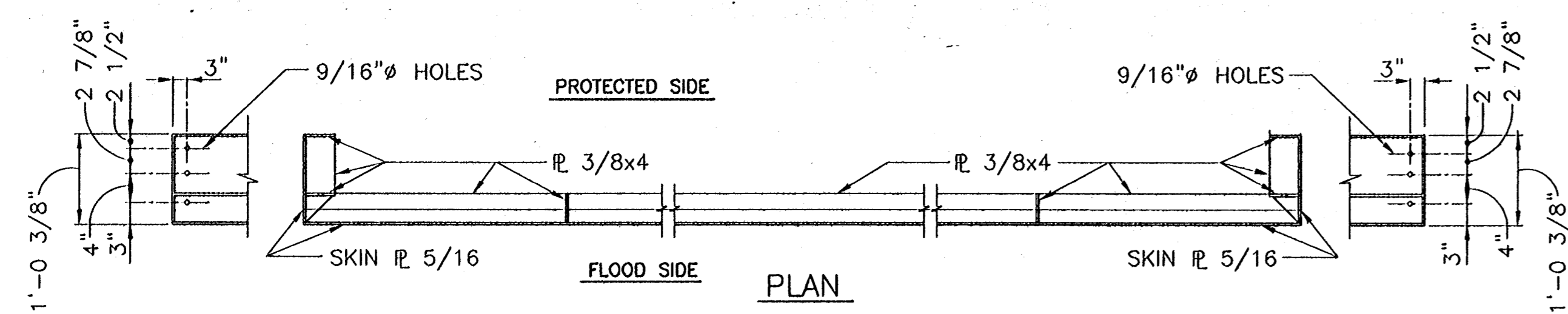


END SECTION THRU ROLLERGATE
SCALE: 2"=1'-0"

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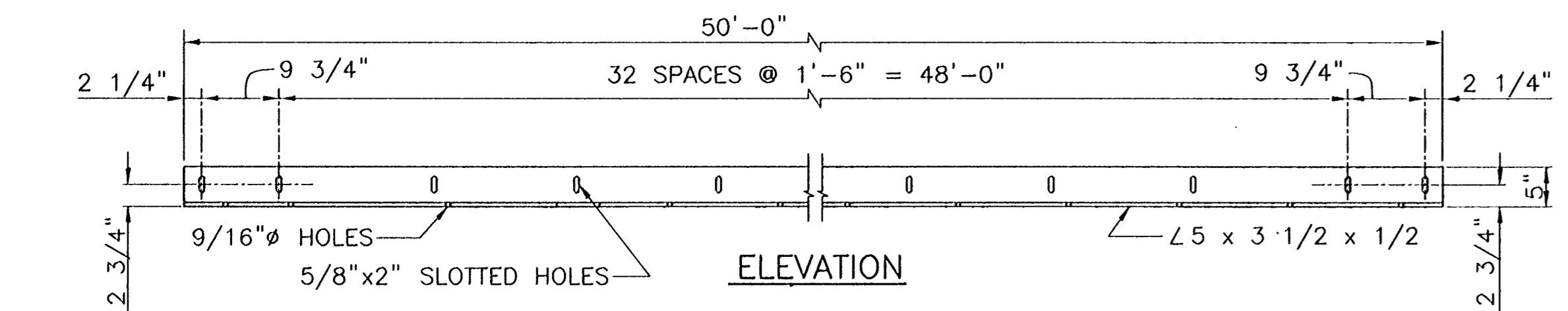
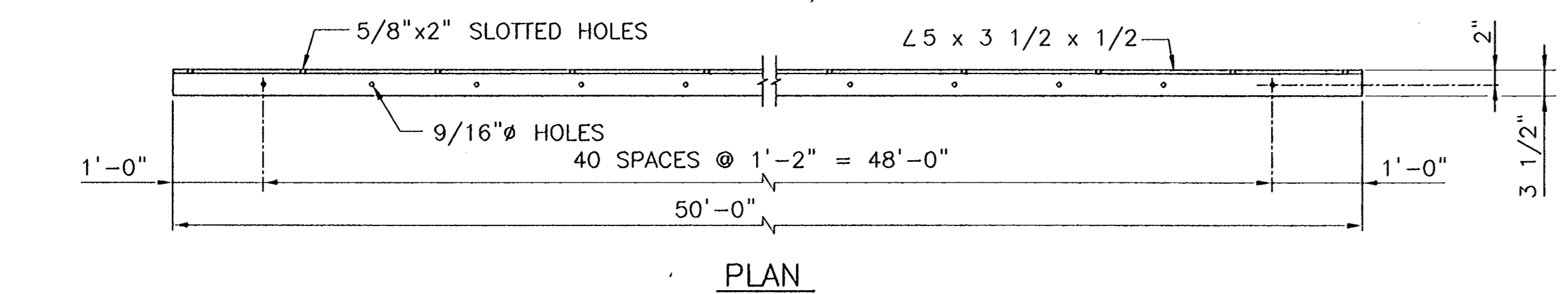
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 ROLLER GATE NO. 9 SIDE SEAL DETAILS	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: B.S.G.		SCALE: AS SHOWN DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-RLG9		RECOMMENDED: _____ APPROVED: _____ WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S55E		REG#000303	

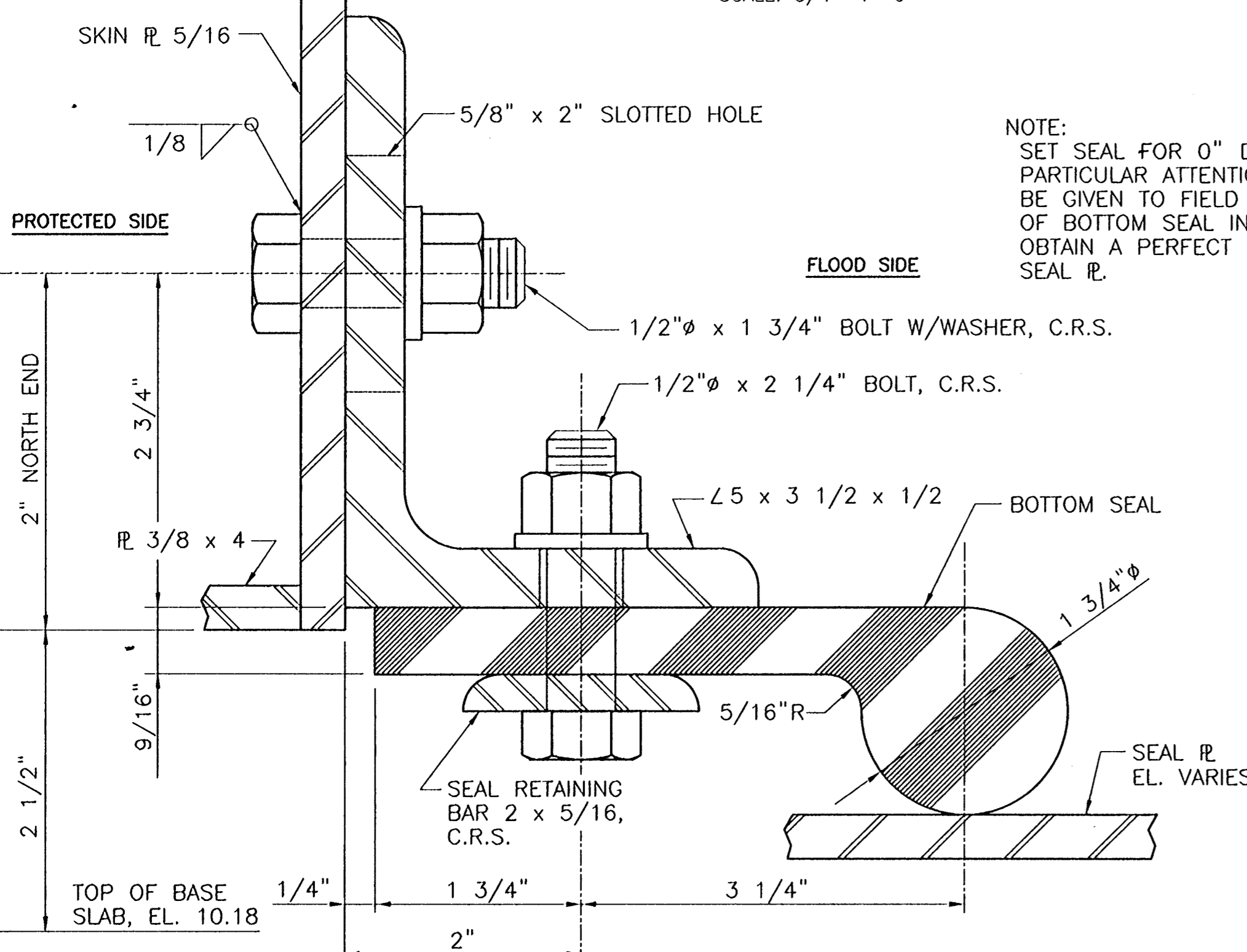


BOLT HOLE SCHEME FOR SEAL SUPPORT ANGLE
SCALE: 3/4"=1'-0"

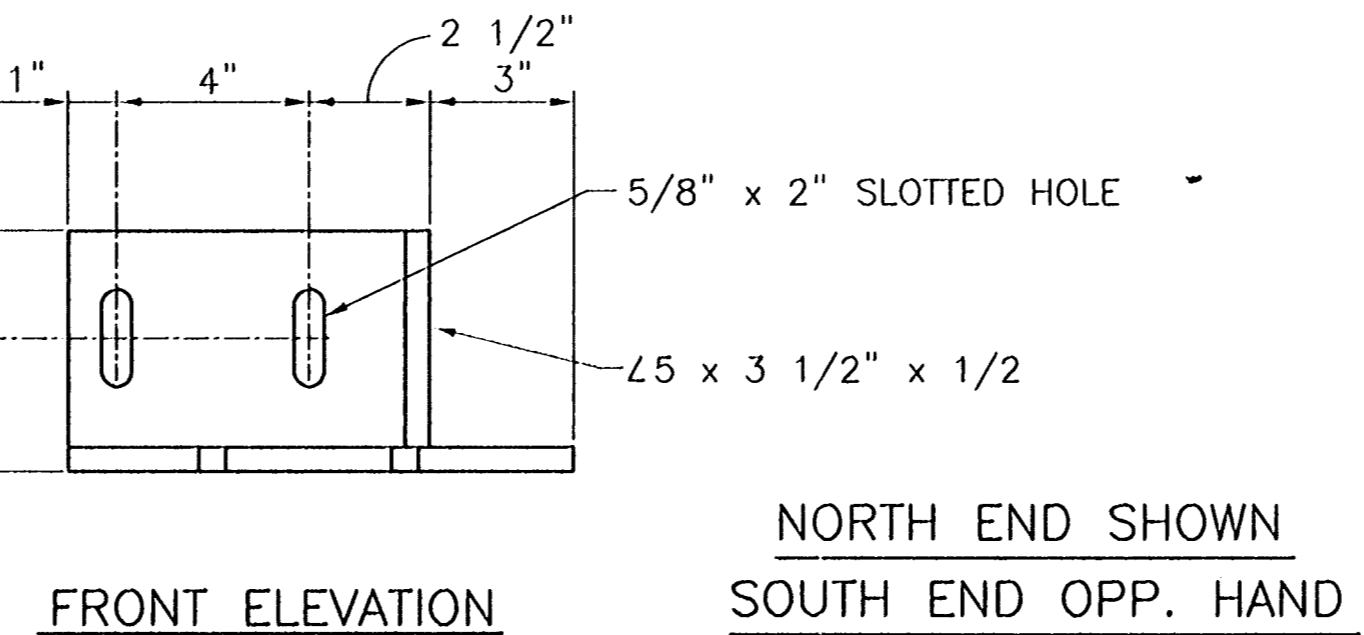
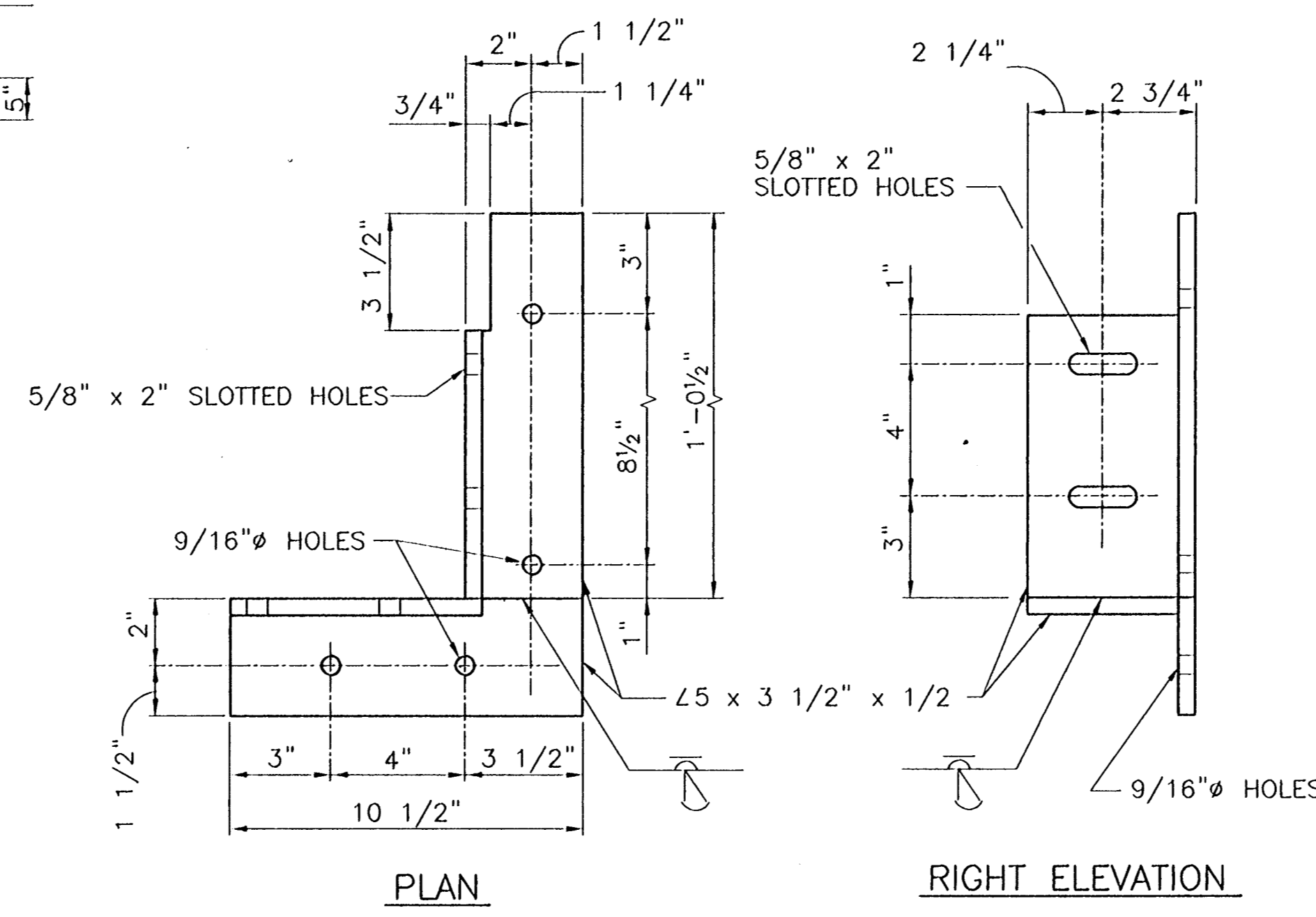
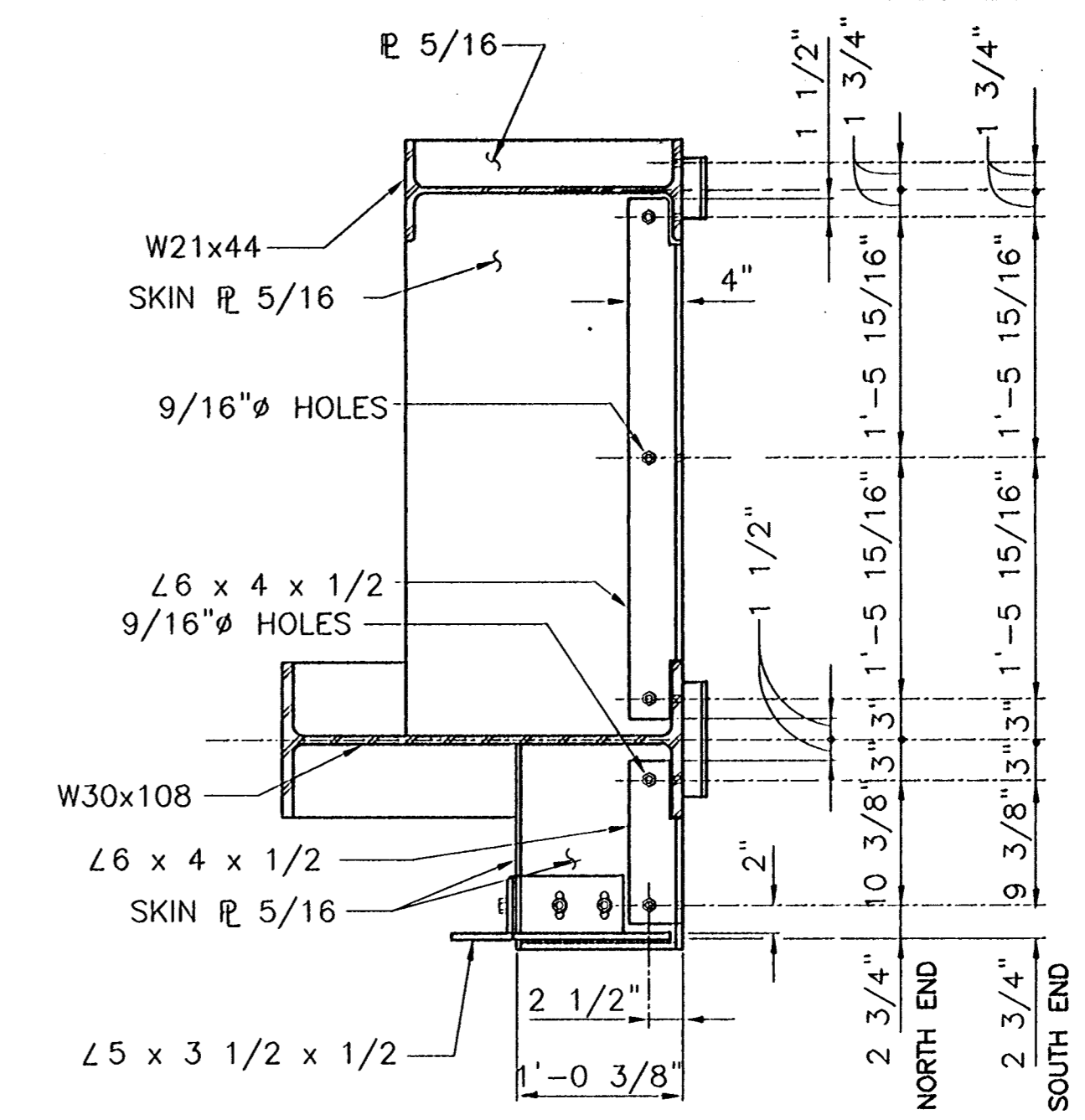
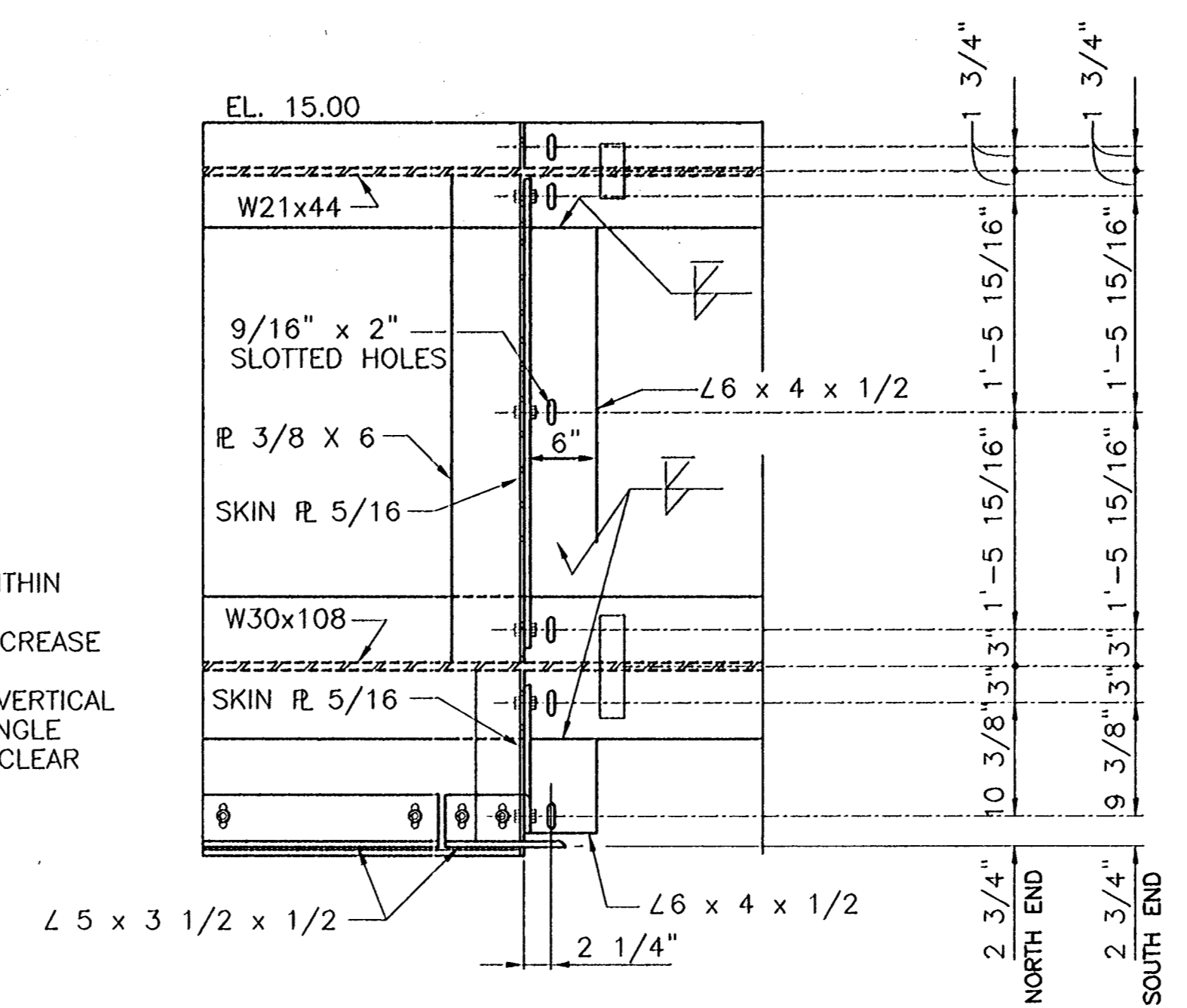
NOTE:
IF A BOLT HOLE FALLS WITHIN
1" OF C. OF 3/8" x 4"
VERTICAL STIFFENER \bar{L} , INCREASE
OR DECREASE BOLT HOLE
SPACING IN SKIN \bar{L} AND VERTICAL
LEG OF SEAL SUPPORT ANGLE
BY 2" AT THIS SPOT TO CLEAR
3/8" \bar{L} .



BOLT HOLE SCHEME IN SEAL SUPPORT ANGLE
SCALE: 3/4"=1'-0"



NOTE:
SET SEAL FOR 0" DEFLECTION.
PARTICULAR ATTENTION SHALL
BE GIVEN TO FIELD ADJUSTMENT
OF BOTTOM SEAL IN ORDER TO
OBTAIN A PERFECT SEAL WITH
SEAL \bar{L} .

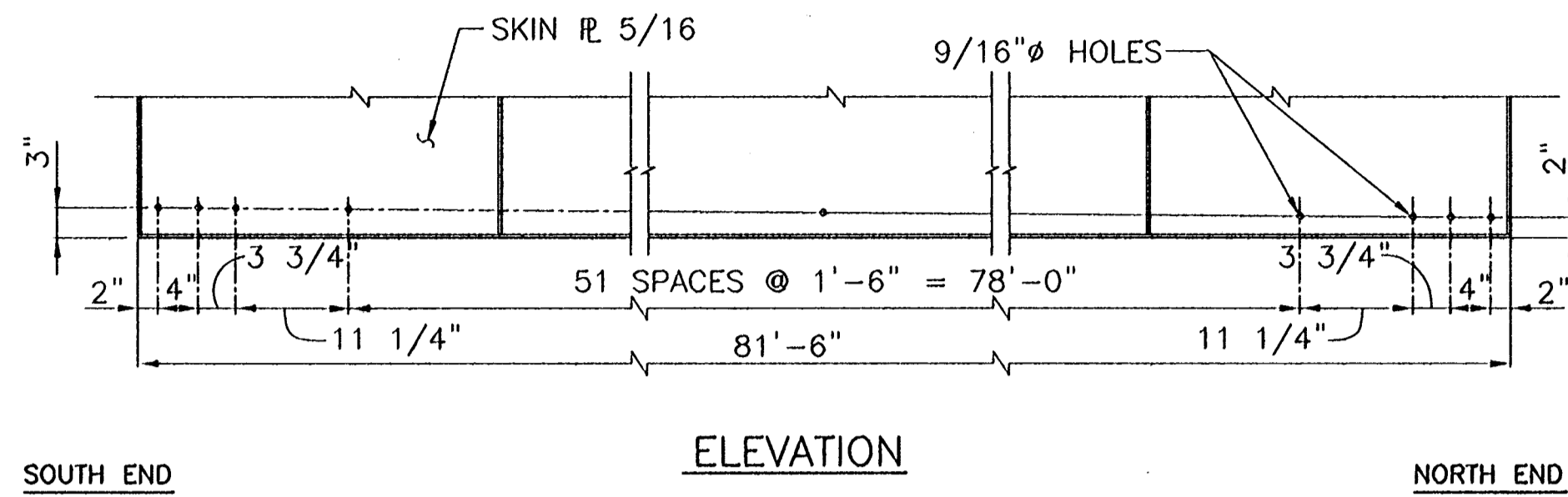
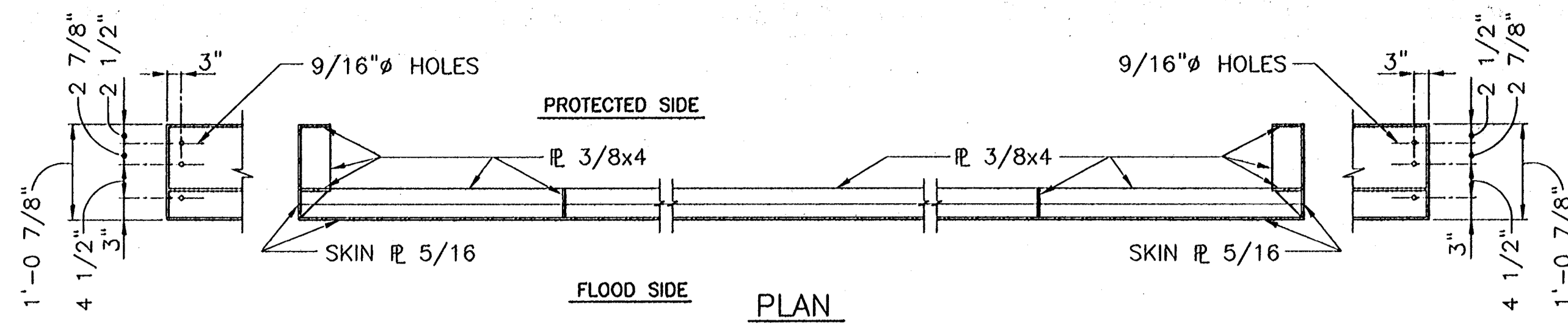


SEAL SUPPORT ANGLE AT END OF GATE
SCALE: 3"=1'-0"

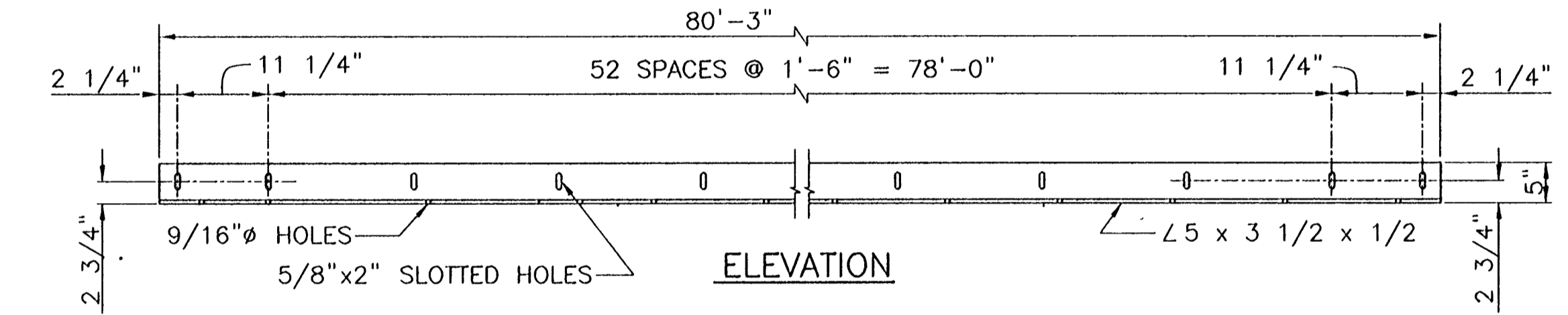
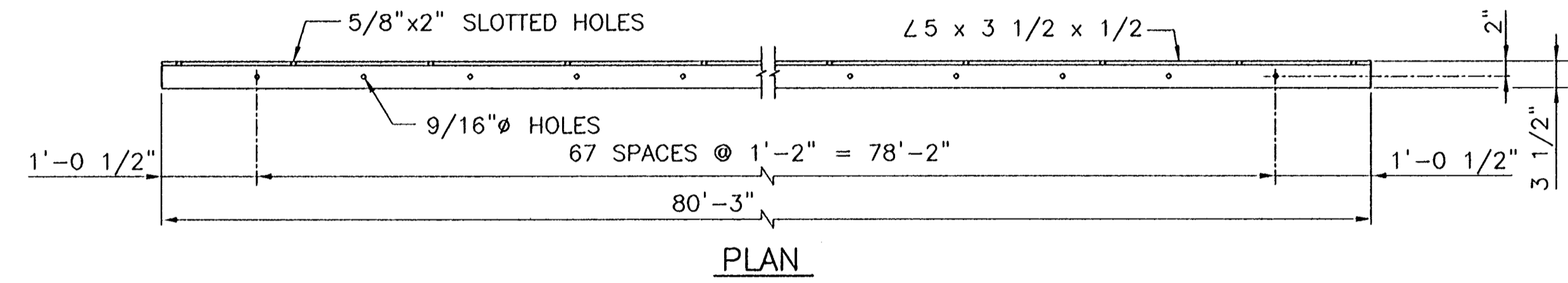
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 5 SEAL SUPPORT DETAILS		DATE: JAN. 14, 1998	
DRAWN: H.L.K. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.		DRAWN: H.L.K. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RG5SSDET		APPROVED: _____	
WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S56B		REQ000303	

Jan. 08, 1998 - 12:08:20 P&O FILE: G:\CAD\ACAD\304-006\PROJ-303\STRUCT\RG5SSDET [Login: Dovo]

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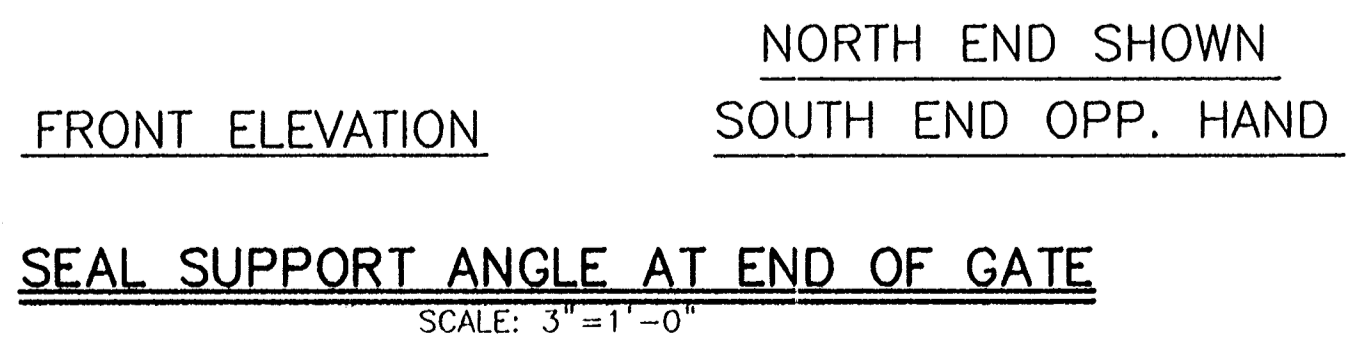
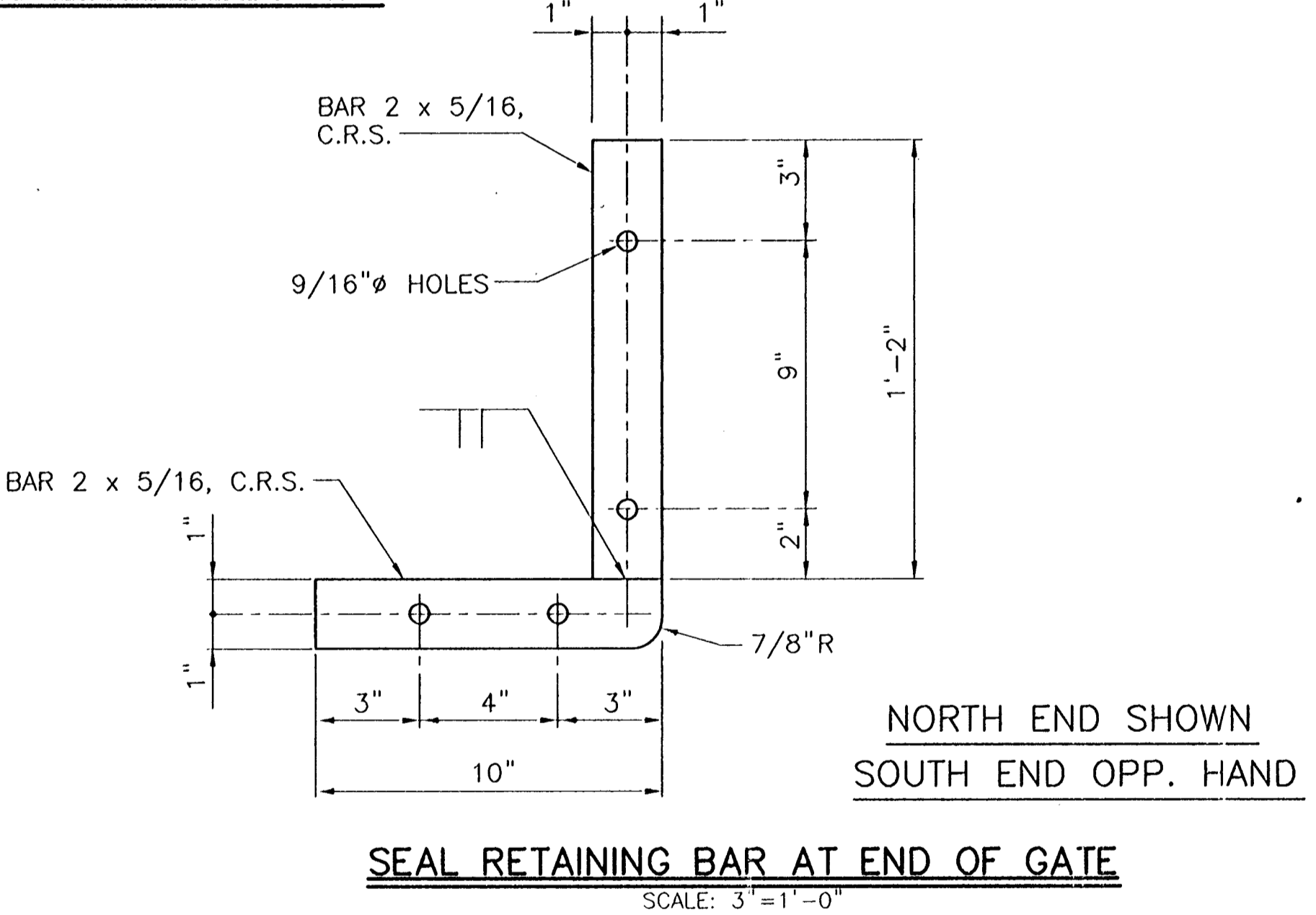
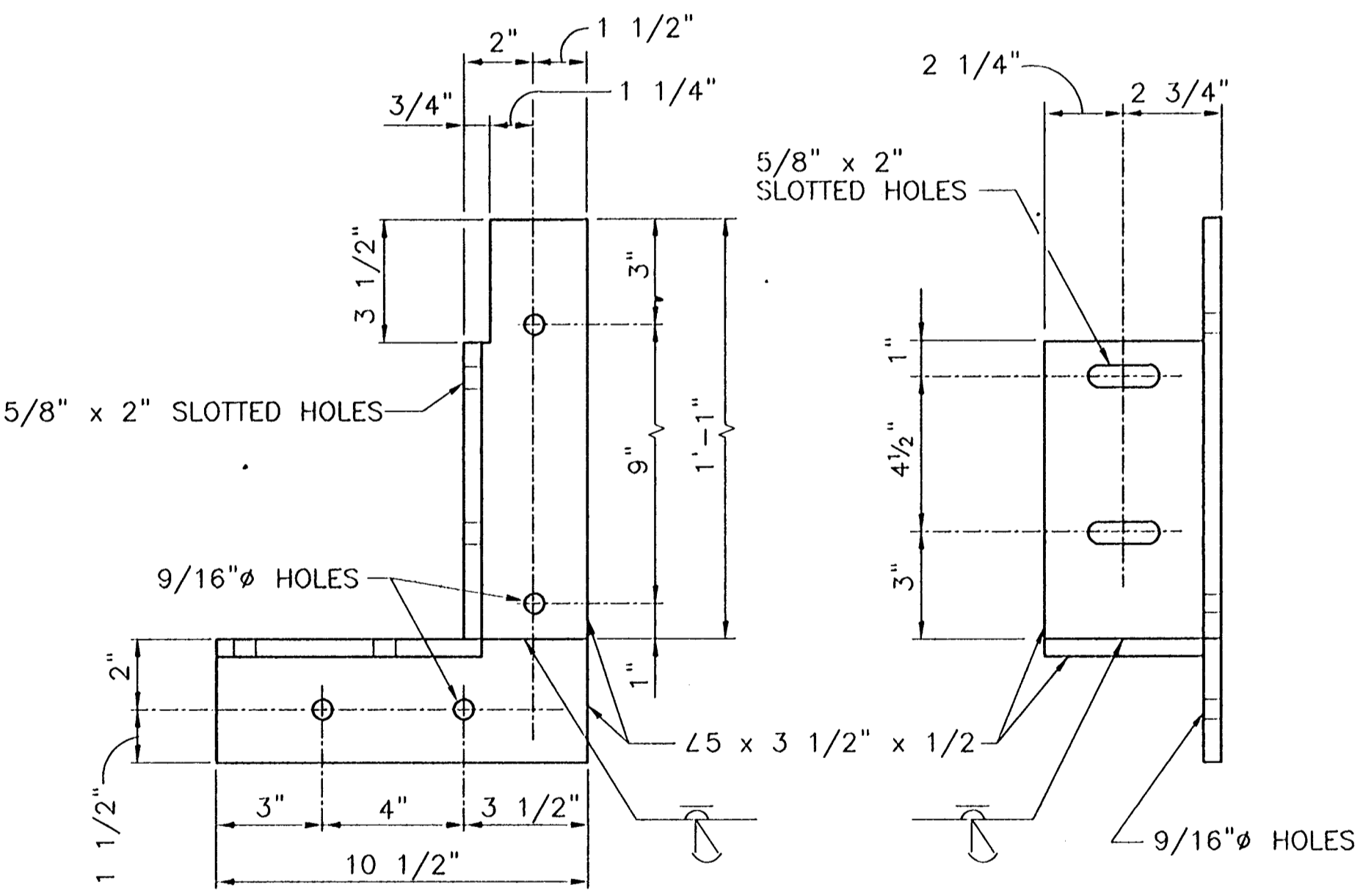
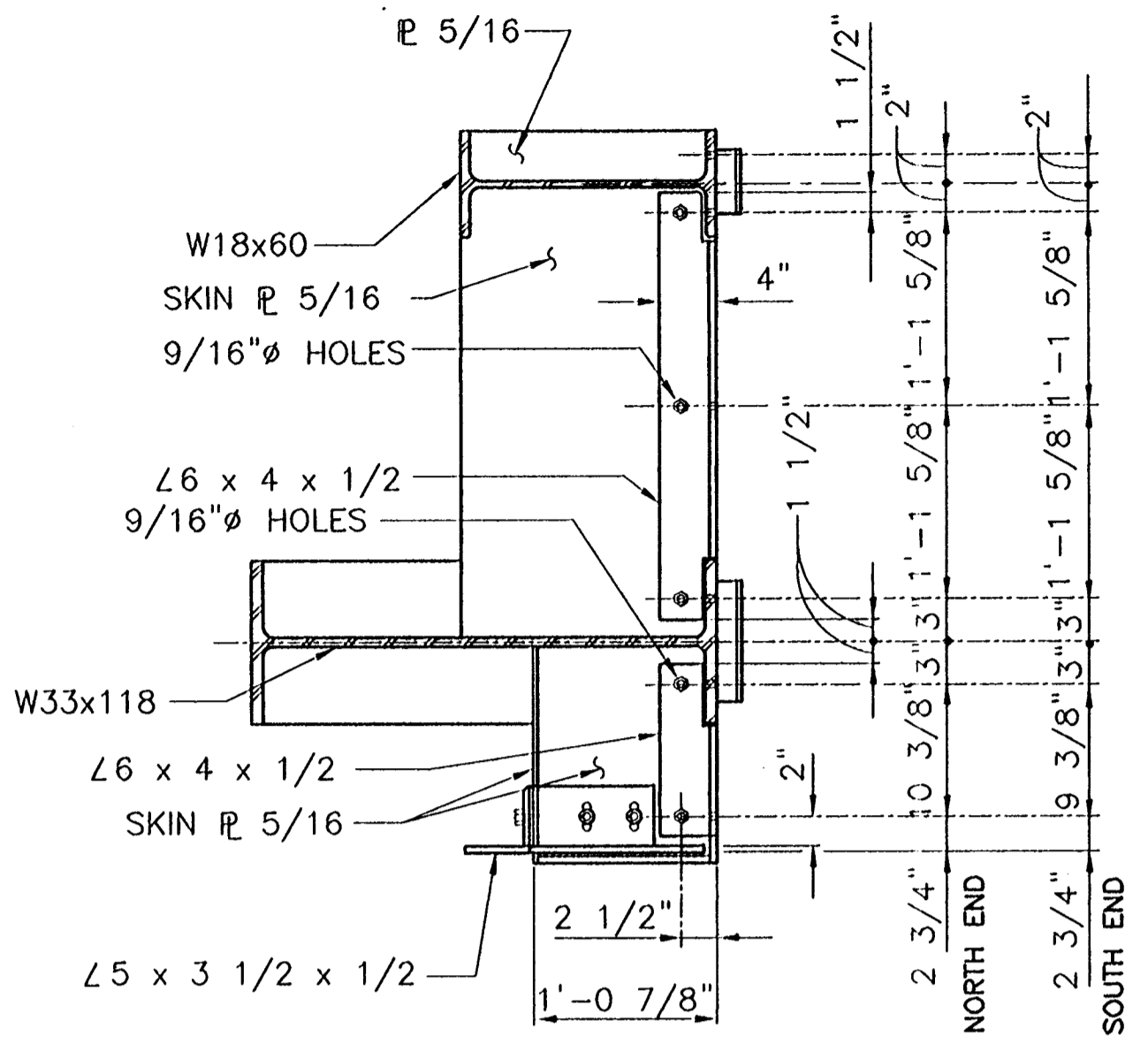
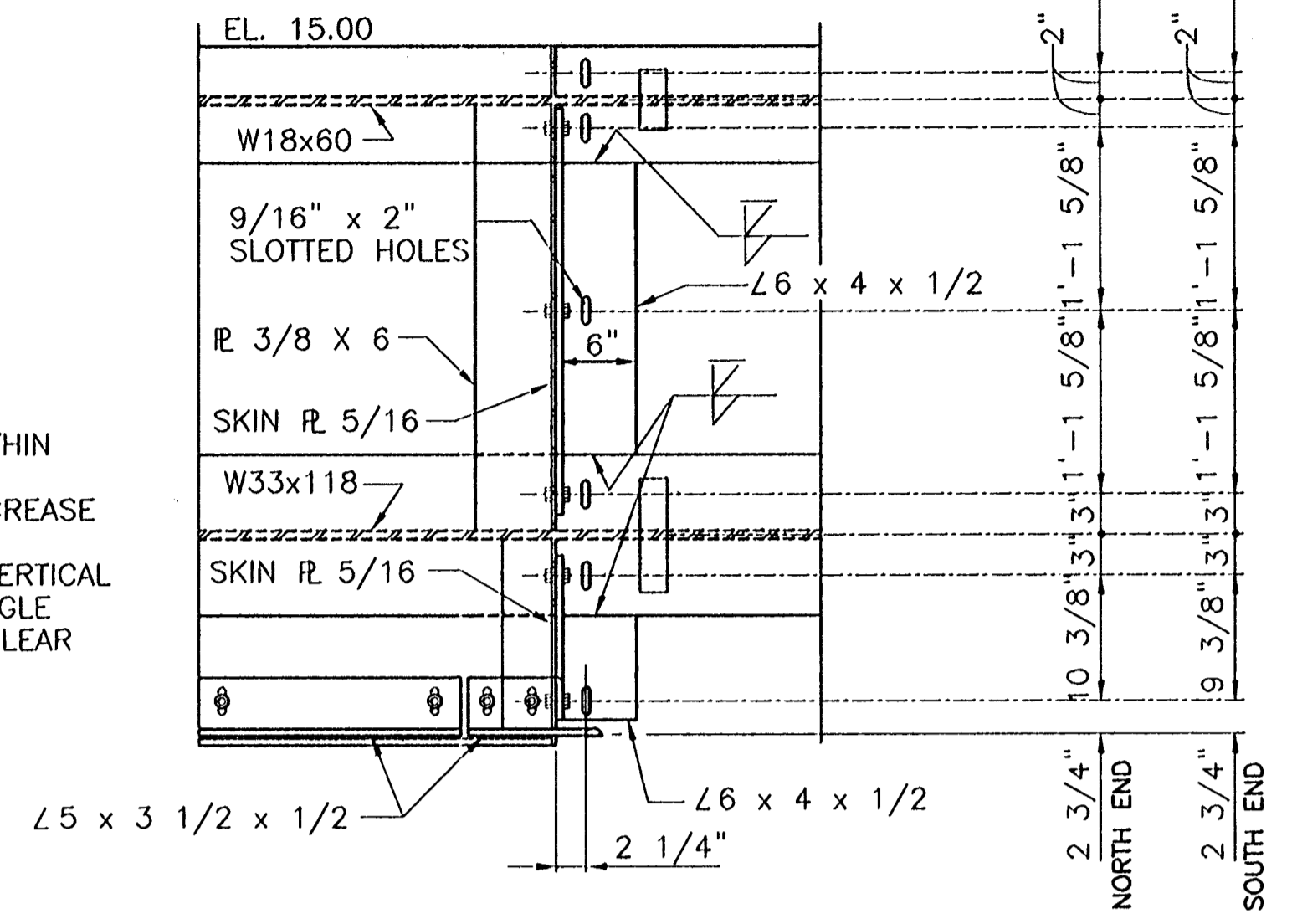
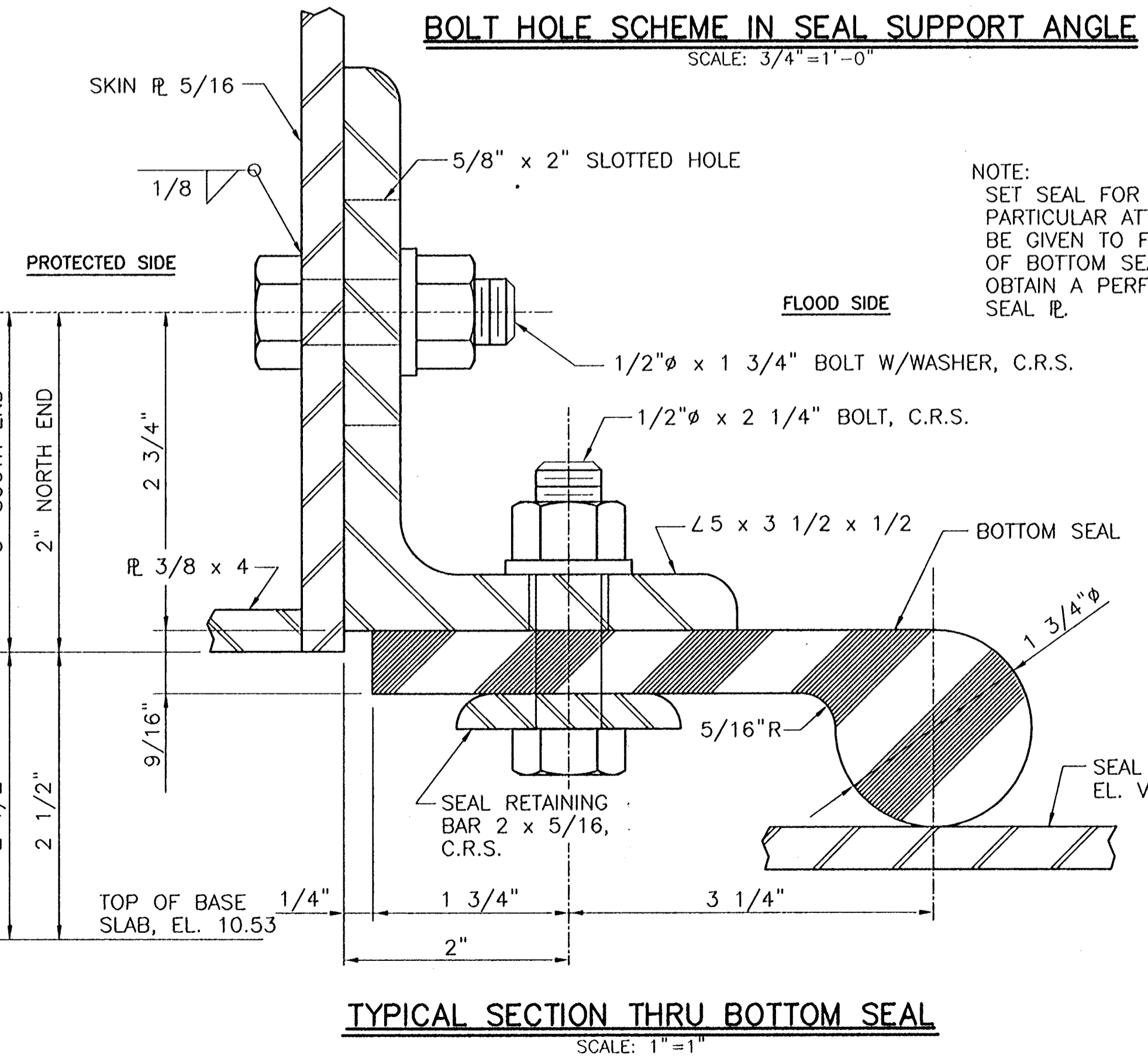


NOTE:
IF A BOLT HOLE FALLS WITHIN
1" OF C OF 3/8" x 4"
VERTICAL STIFFENER R, INCREASE
OR DECREASE BOLT HOLE
SPACING IN SKIN R AND VERTICAL
LEG OF SEAL SUPPORT ANGLE
BY 2" AT THIS SPOT TO CLEAR
3/8" R.



BOLT HOLE SCHEME IN SEAL SUPPORT ANGLE

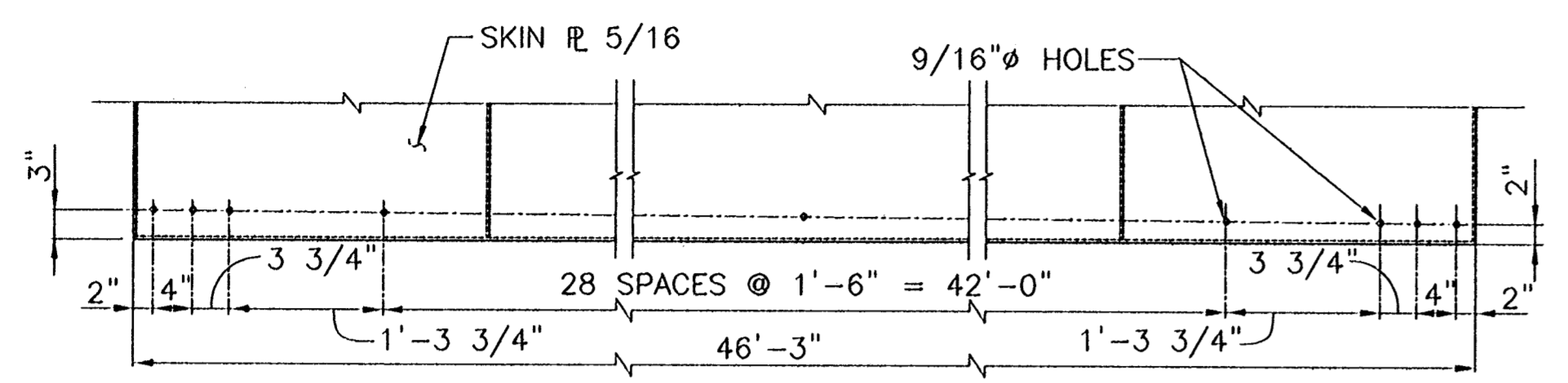
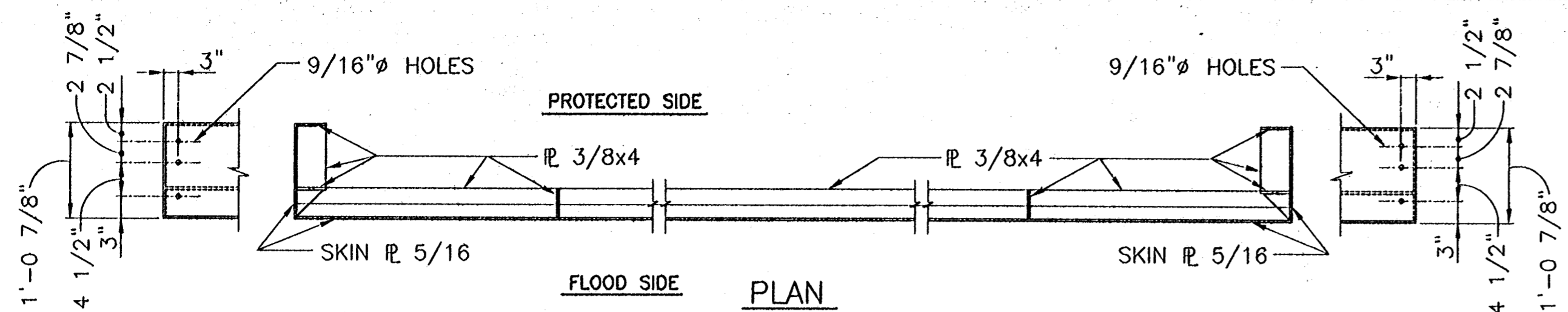
NOTE:
SET SEAL FOR 0" DEFLECTION.
PARTICULAR ATTENTION SHALL
BE GIVEN TO FIELD ADJUSTMENT
OF BOTTOM SEAL IN ORDER TO
OBTAIN A PERFECT SEAL WITH
SEAL R.



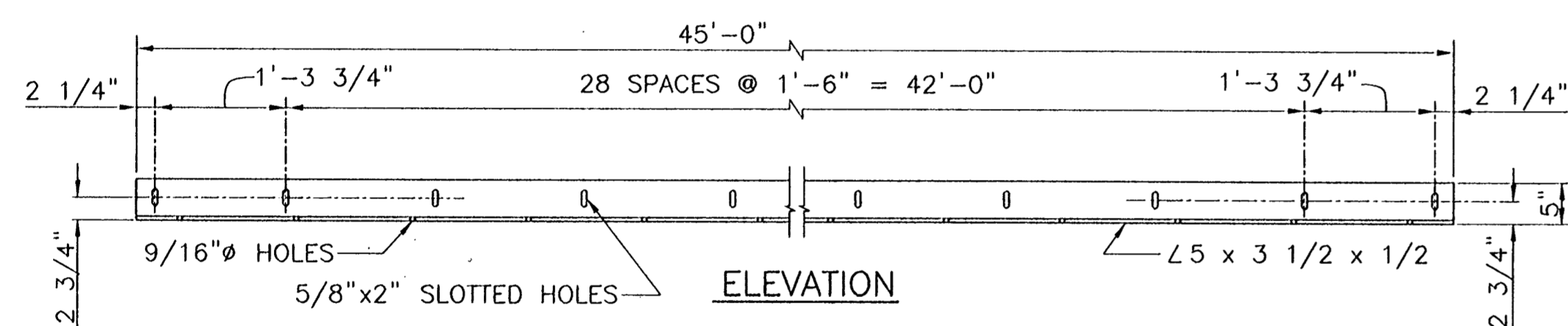
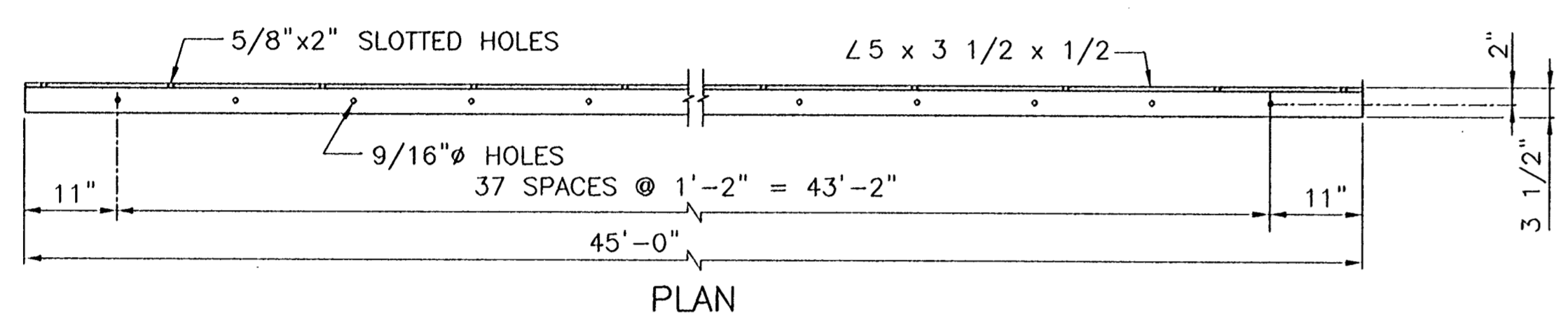
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 6 SEAL SUPPORT DETAILS	
DRAWN H.L.K. DESIGNED J.F.H. CHECKED S.P.F. APPROVED B.S.G.		DATE JAN. 14, 1998 DRAWN H.L.K. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. RG6SSDET		RECOMMENDED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S56C		REF000003	

Jan. 08, 1998 - 12:15:37 PM & FILE: G:\CAD\ACAD\604-006 PROJ-303\STRUCT\RG6SSDET1 [LogIn: Dev]

REV. 17	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE
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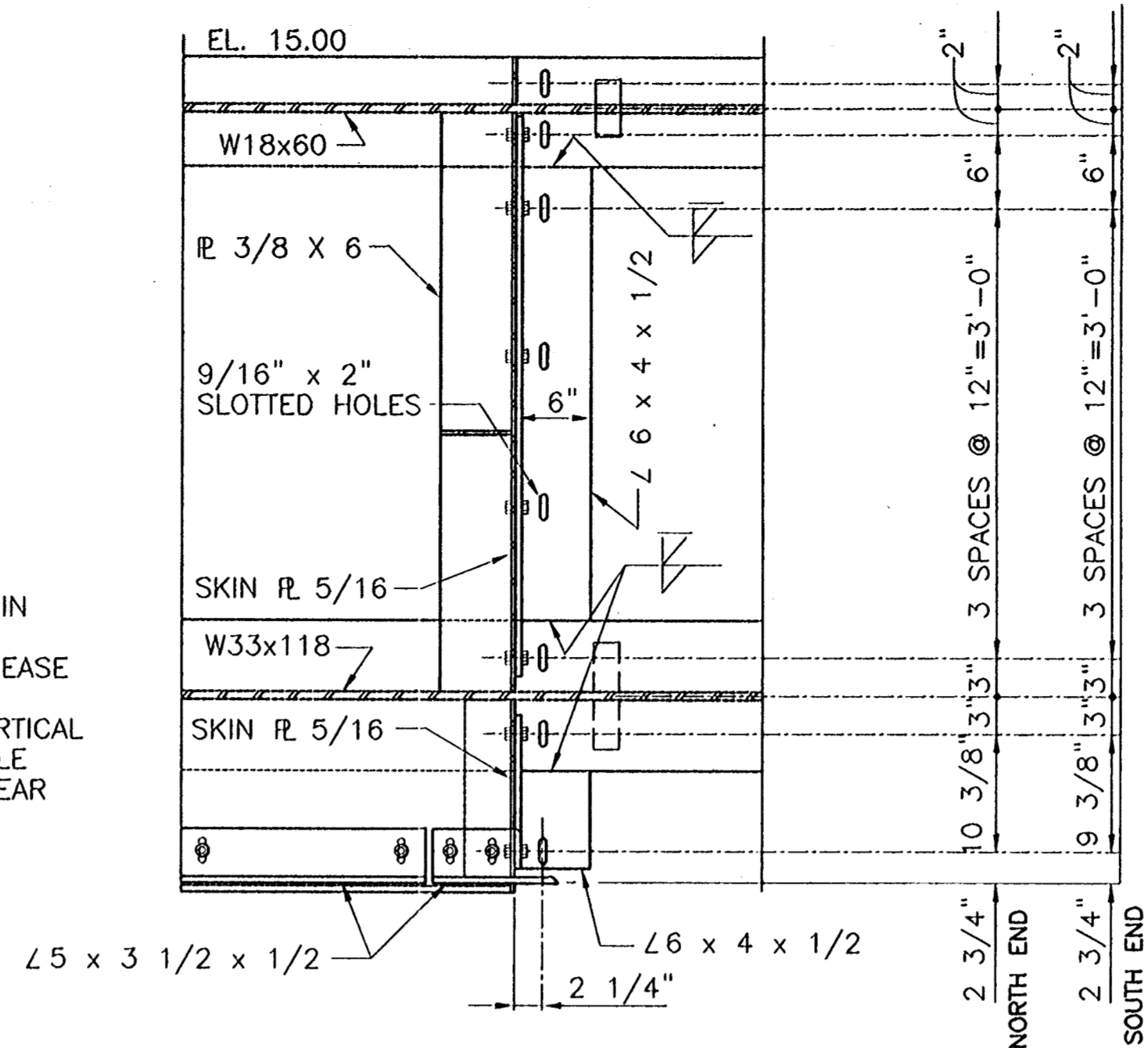


BOLT HOLE SCHEME FOR SEAL SUPPORT ANGLE
SCALE: 3/4"=1'-0"

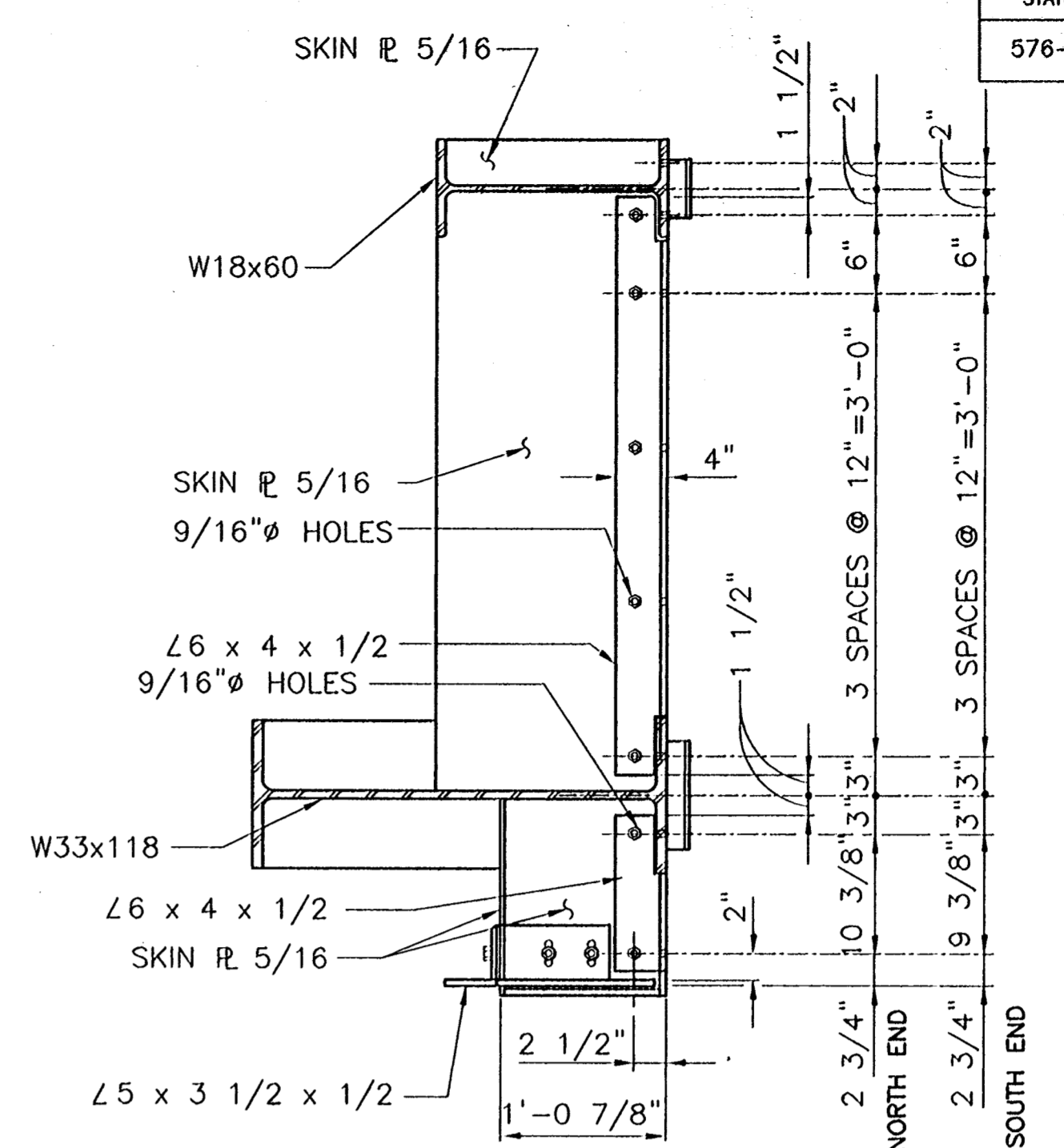


BOLT HOLE SCHEME IN SEAL SUPPORT ANGLE
SCALE: 3/4"=1'-0"

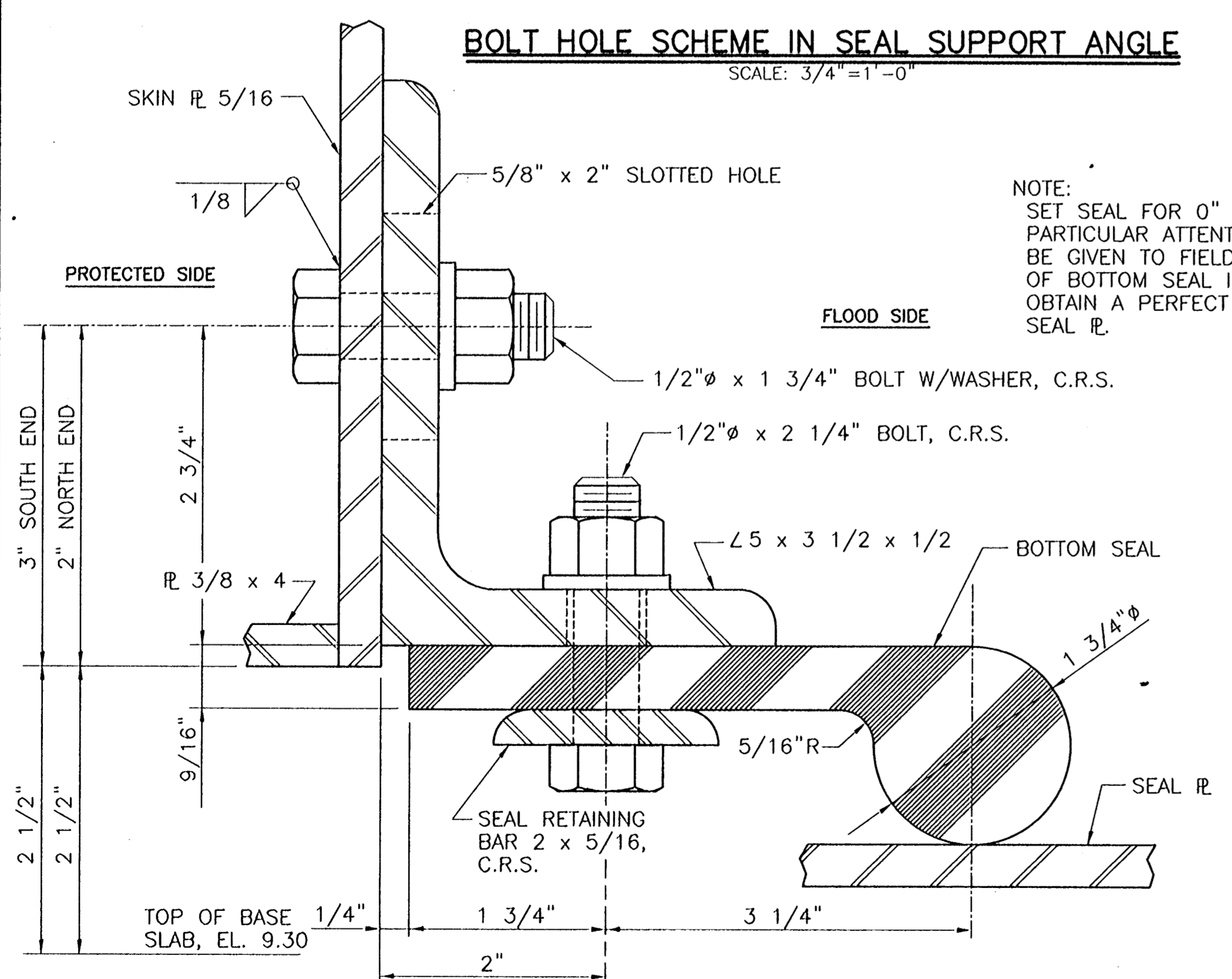
NOTE:
IF A BOLT HOLE FALLS WITHIN
1" OF E OF 3/8" x 4"
VERTICAL STIFFENER, INCREASE
OR DECREASE BOLT HOLE
SPACING IN SKIN PLATE AND VERTICAL
LEG OF SEAL SUPPORT ANGLE
BY 2" AT THIS SPOT TO CLEAR
3/8" E.



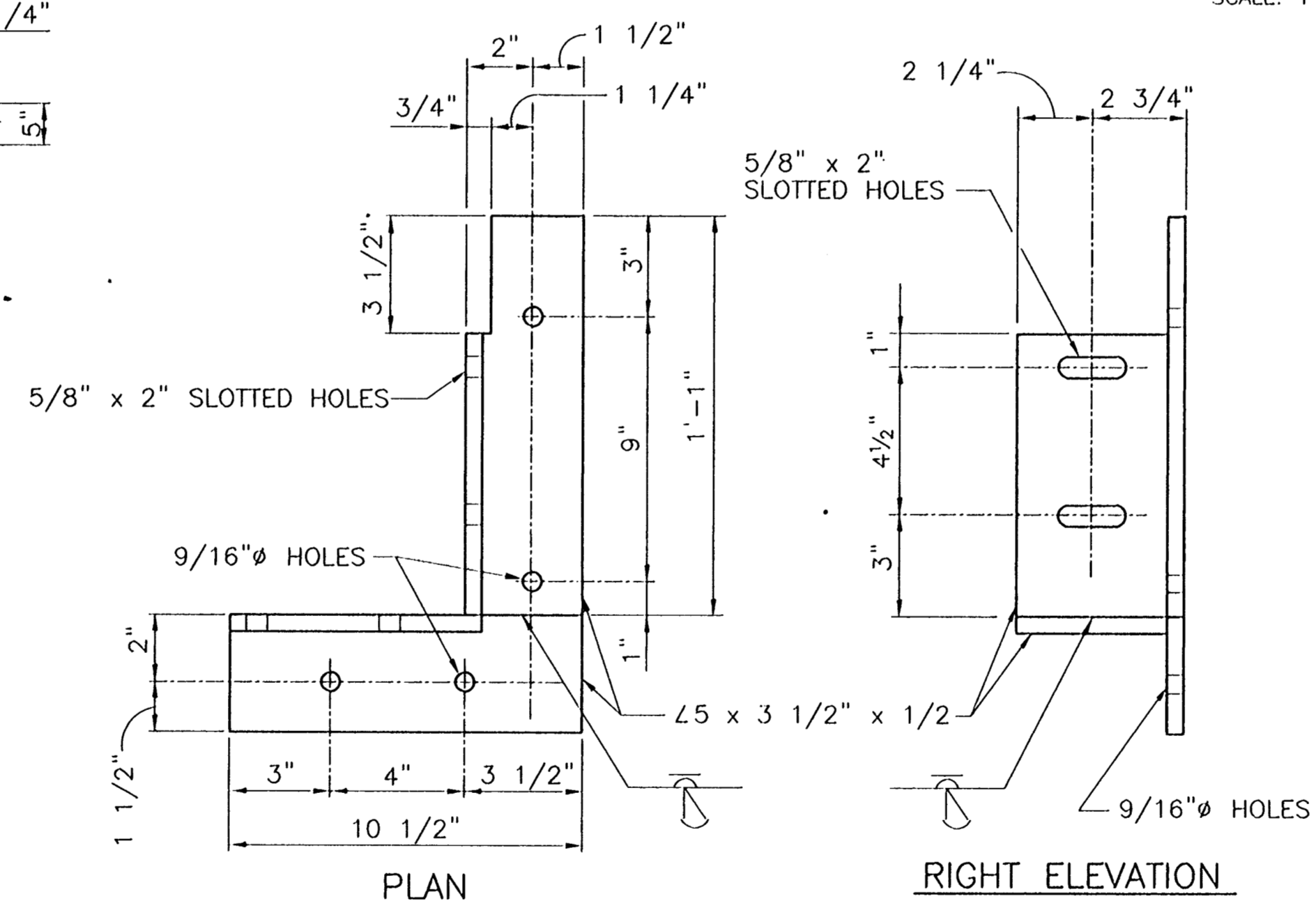
FLOOD SIDE ELEVATION OF VERTICAL SEAL SUPPORT ANGLE
SCALE: 1"=1'-0"



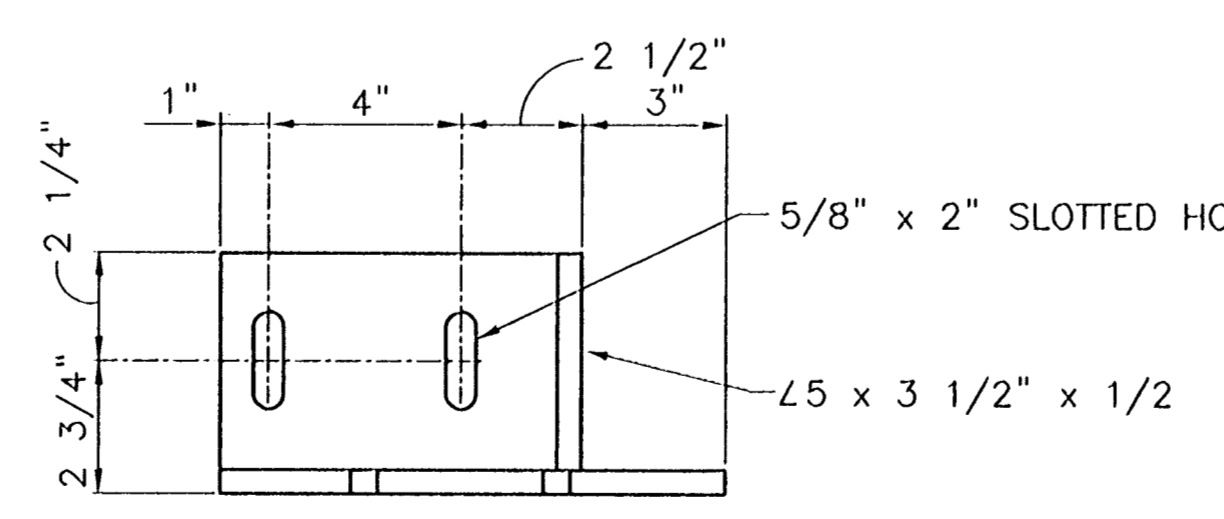
SEAL RETAINING BAR AT END OF GATE
SCALE: 3"=1'-0"



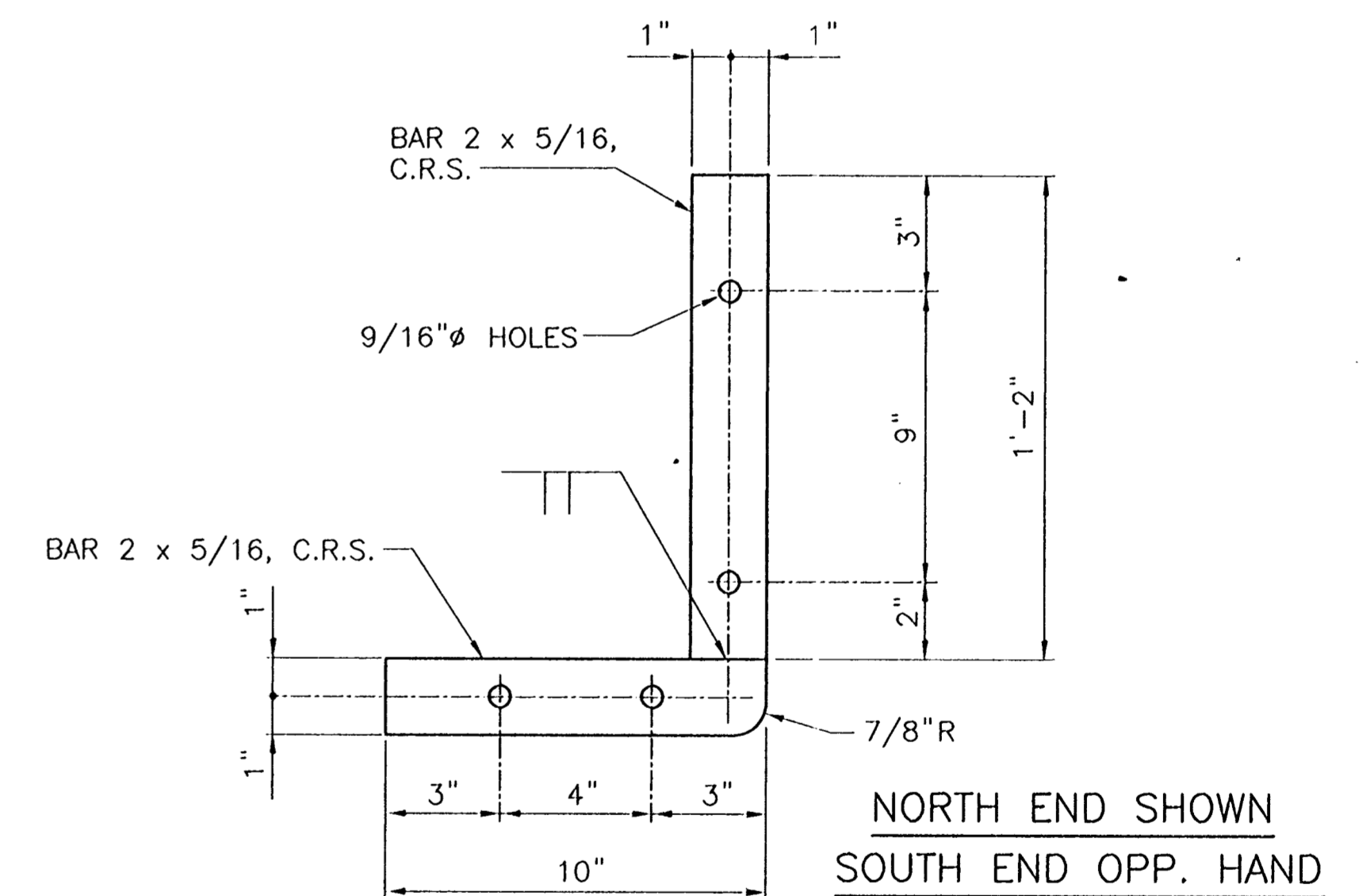
TYPICAL SECTION THRU BOTTOM SEAL
SCALE: 1"=1"



SEAL SUPPORT ANGLE AT END OF GATE
SCALE: 3"=1'-0"



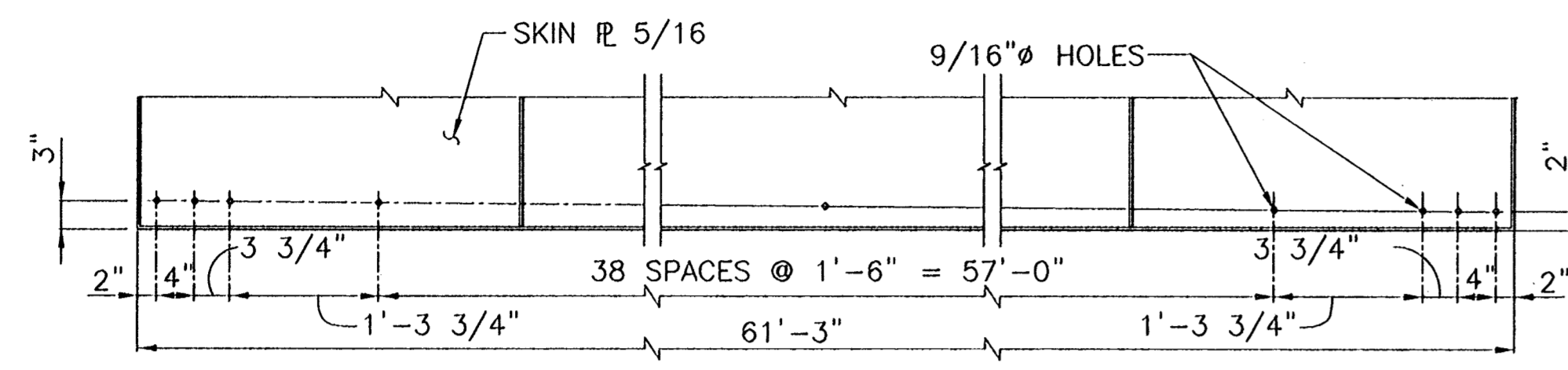
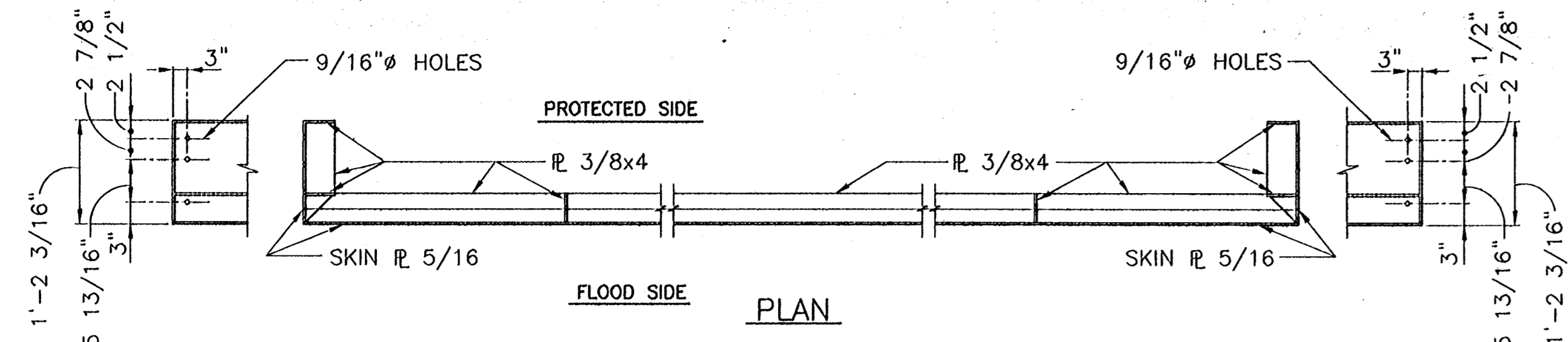
FRONT ELEVATION
SCALE: 3"=1'-0"



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 7 SEAL SUPPORT DETAILS	
DRAWN: H.L.K. DESIGNED: J.E.H. CHECKED: G.P.F. APPROVED: B.S.G.	DATE: JAN. 14, 1998 DRAWN: H.L.K. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE: 3/4"=1'-0" DESIGNED: J.F.H. CHECKED: G.P.F.	IDENTIFICATION NO. RG7SSDEI
WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE G. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S56D		REF000003	

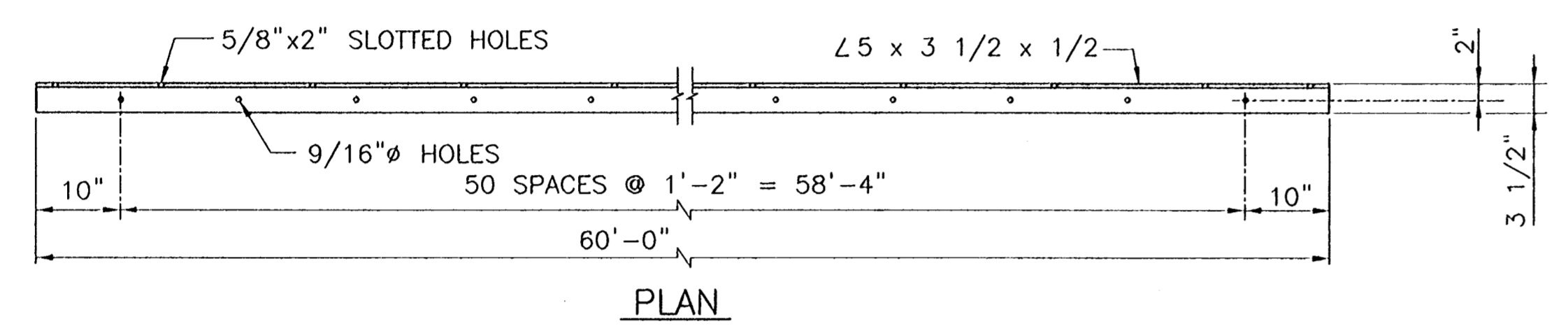
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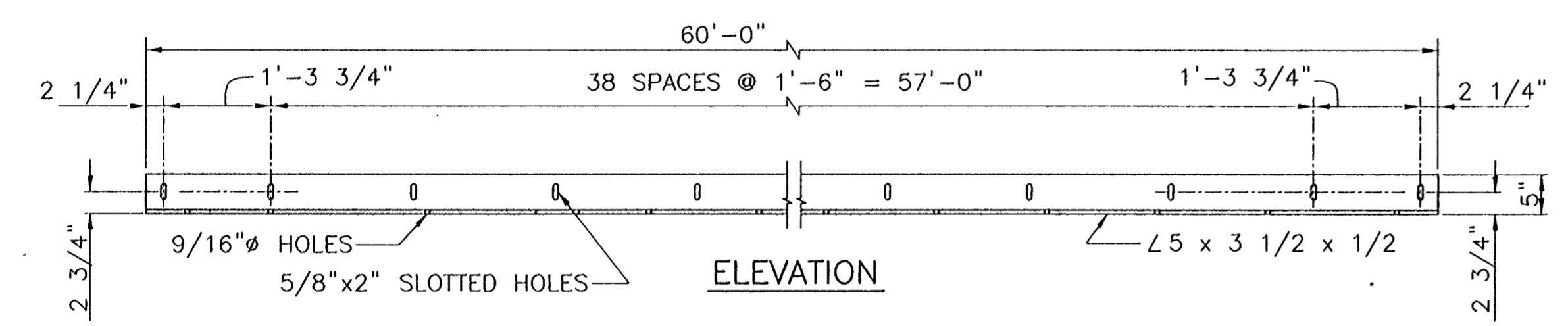


BOLT HOLE SCHEME FOR SEAL SUPPORT ANGLE
SCALE: 3/4"=1'-0"

NOTE:
IF A BOLT HOLE FALLS WITHIN
1" OF C OF 3/8" x 4"
VERTICAL STIFFENER R, INCREASE
OR DECREASE BOLT HOLE
SPACING IN SKIN R AND VERTICAL
LEG OF SEAL SUPPORT ANGLE
BY 2" AT THIS SPOT TO CLEAR
3/8" R.



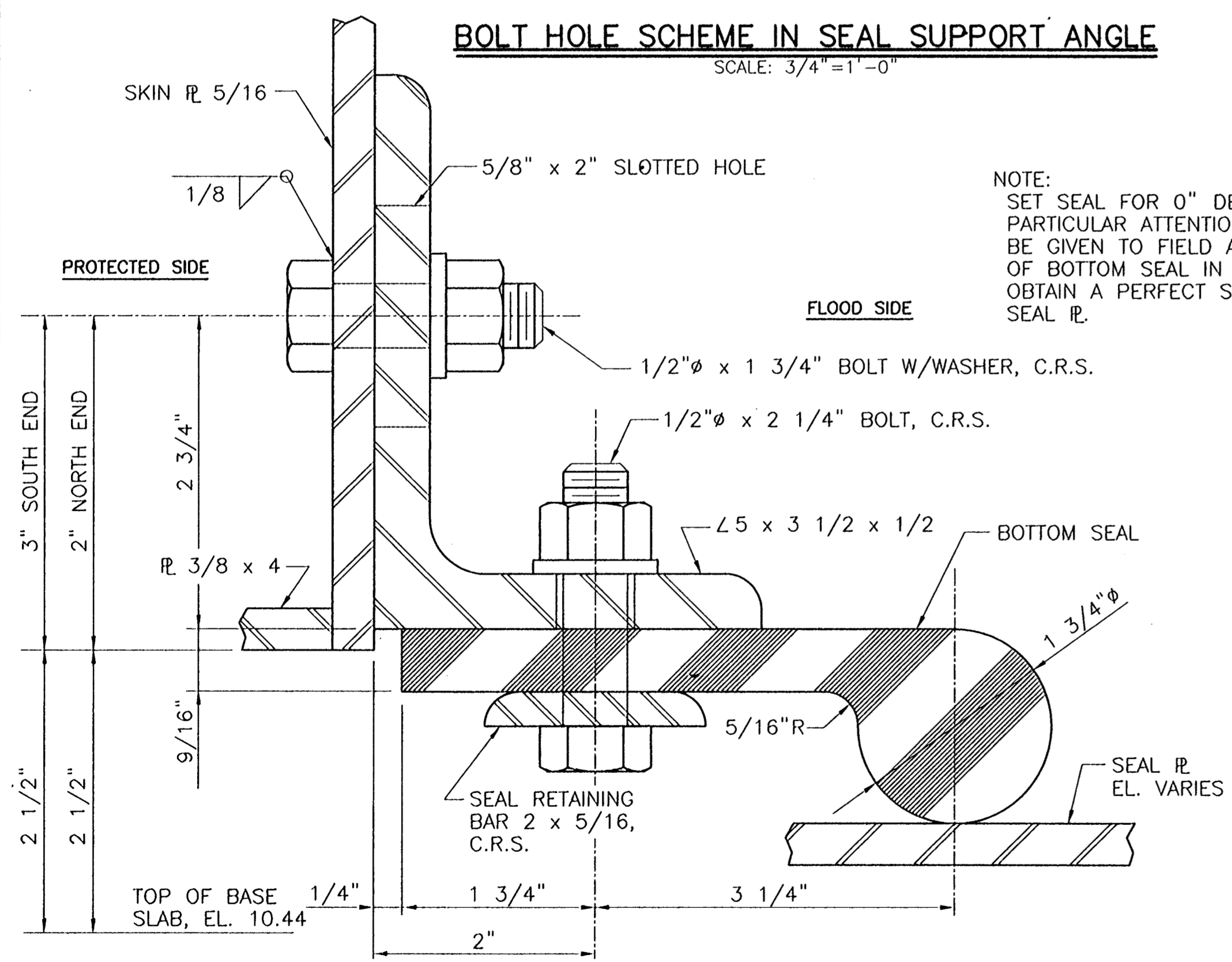
PLAN



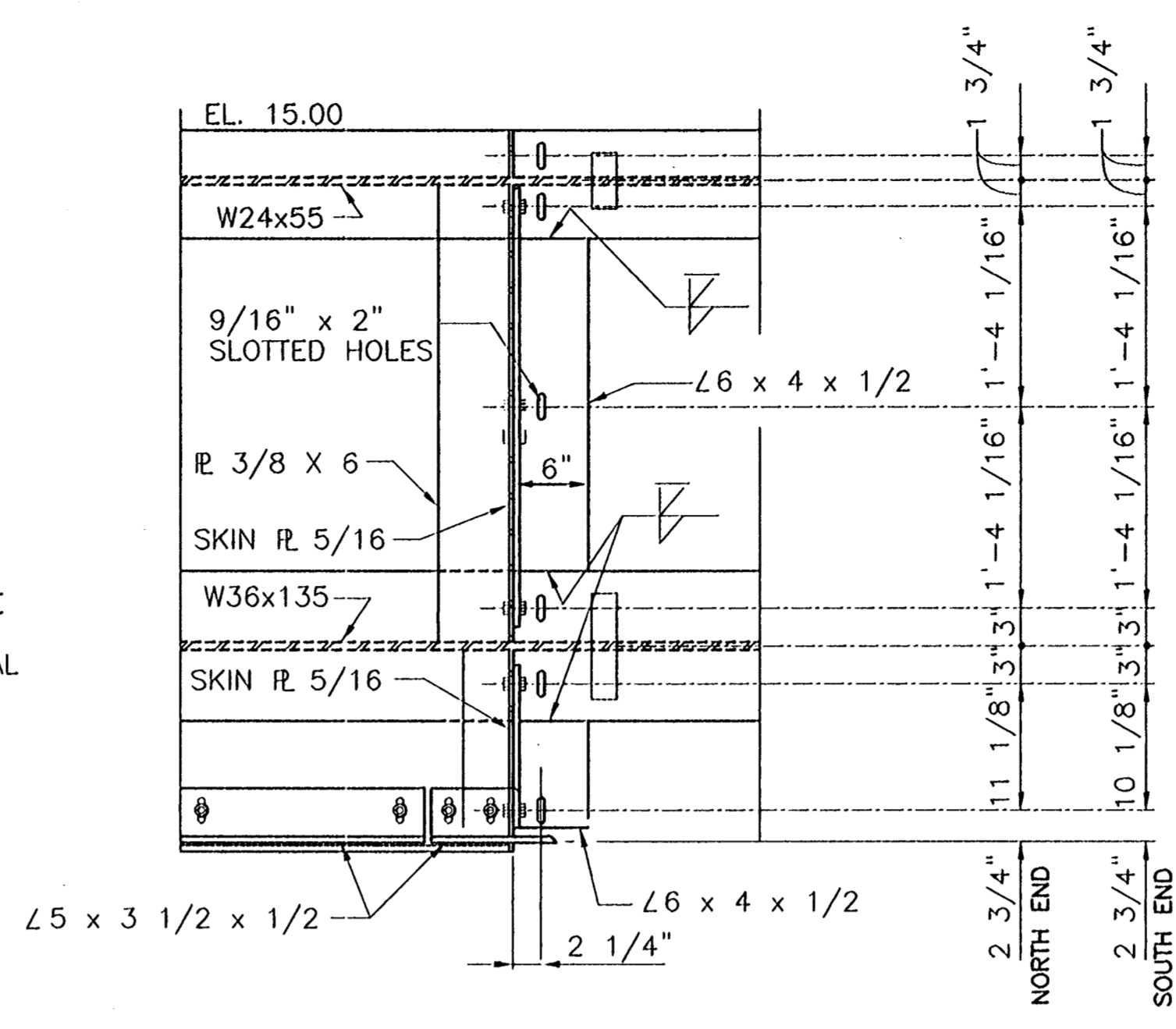
ELEVATION

BOLT HOLE SCHEME IN SEAL SUPPORT ANGLE
SCALE: 3/4"=1'-0"

NOTE:
SET SEAL FOR 0" DEFLECTION.
PARTICULAR ATTENTION SHALL
BE GIVEN TO FIELD ADJUSTMENT
OF BOTTOM SEAL IN ORDER TO
OBTAIN A PERFECT SEAL WITH
SEAL R.

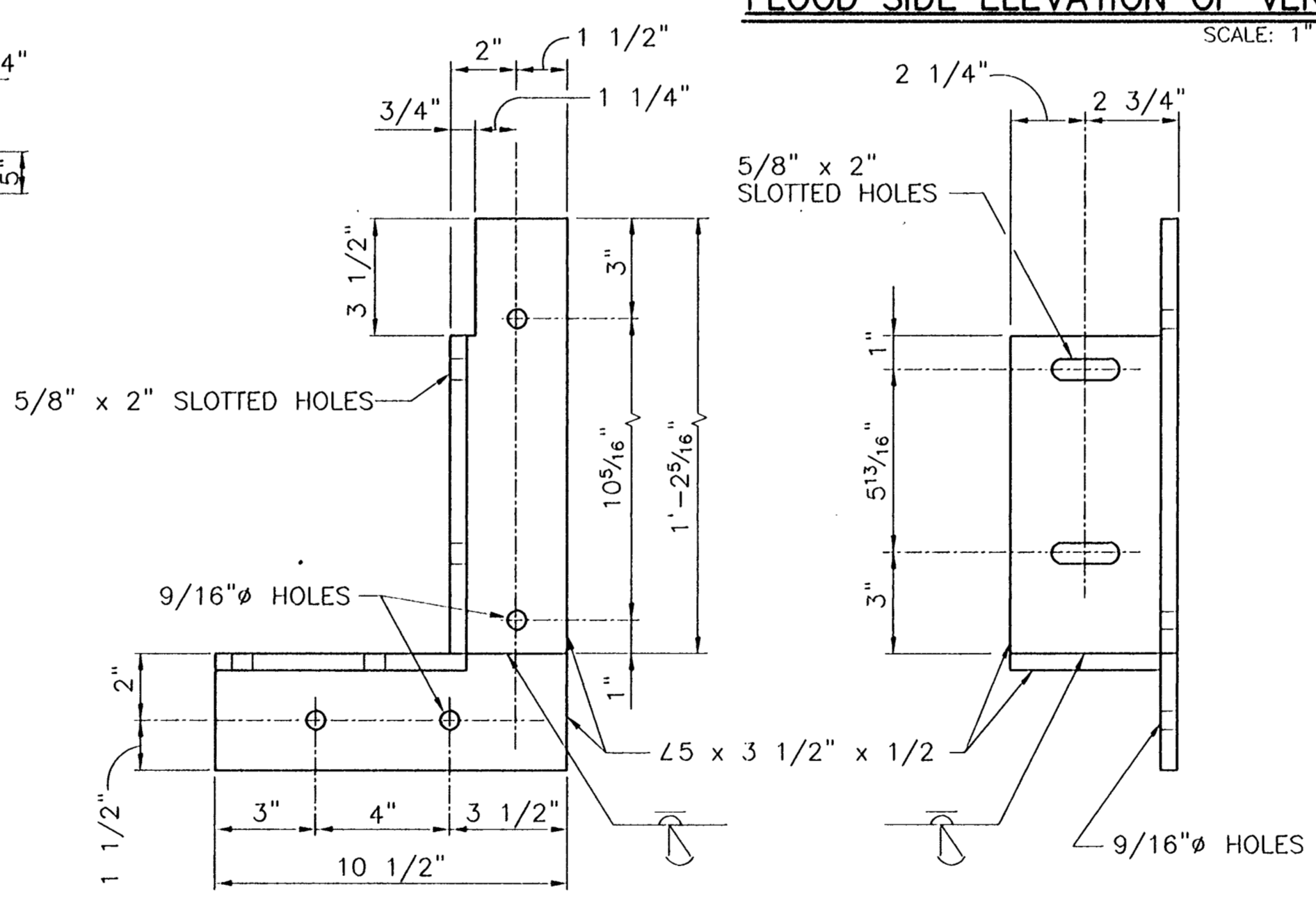


TYPICAL SECTION THRU BOTTOM SEAL
SCALE: 1"=1'-0"



NORTH END SHOWN
SOUTH END OPP. HAND

FLOOD SIDE ELEVATION OF VERTICAL SEAL SUPPORT ANGLE
SCALE: 1"=1'-0"

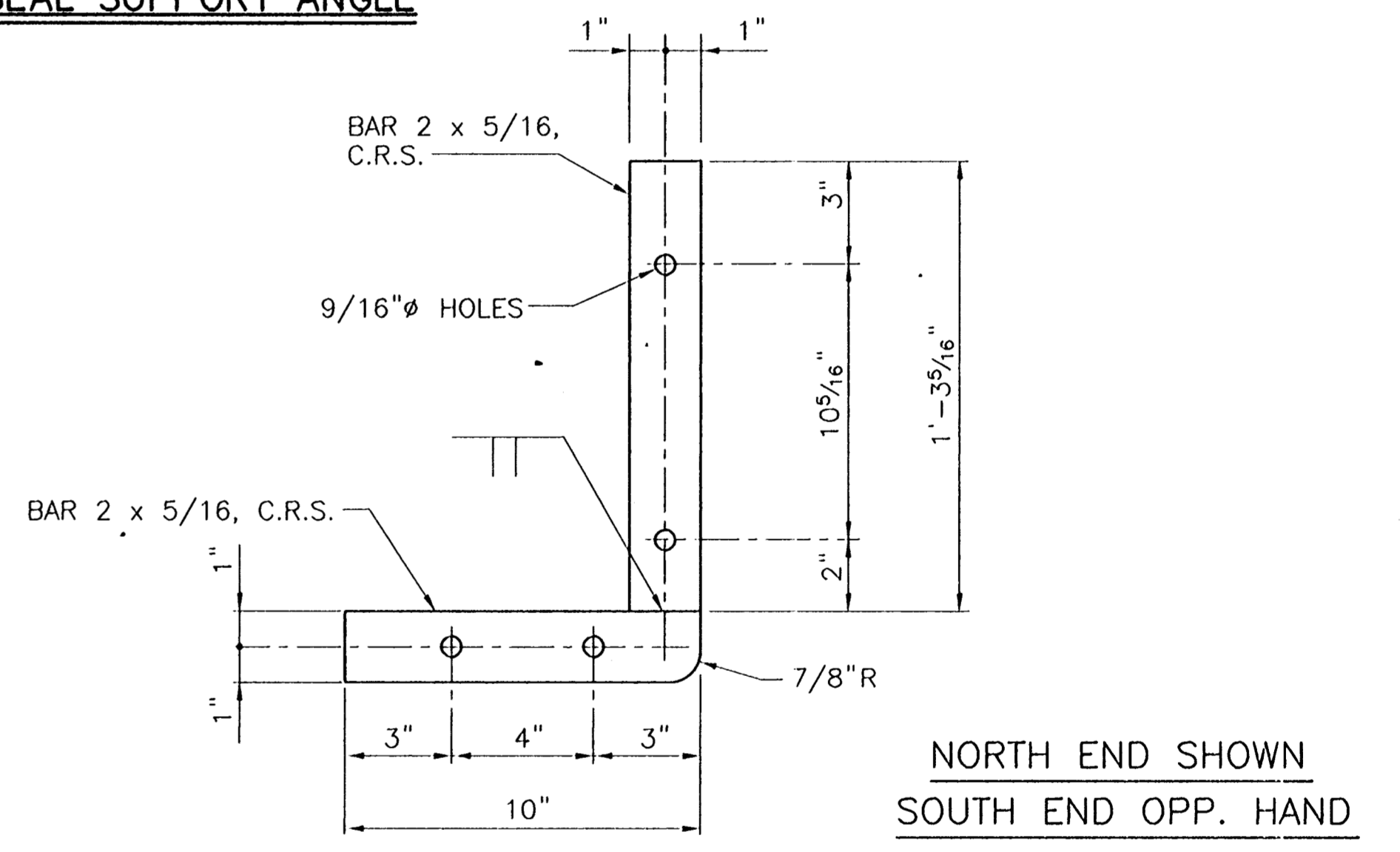


PLAN

RIGHT ELEVATION

NORTH END SHOWN
SOUTH END OPP. HAND

SEAL SUPPORT ANGLE AT END OF GATE
SCALE: 3"=1'-0"



SEAL RETAINING BAR AT END OF GATE
SCALE: 3"=1'-0"

JUN 08 1998 - 12:23:40 P.M. FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\RG8SSDET [Login: Dev]

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CONSULTING ENGINEERS
PYBURN & ODOM, INC.
BATON ROUGE, LOUISIANA

DESIGNED: H.L.K.
CHECKED: G.P.F.
APPROVED: R.S.G.

IDENTIFICATION NO.
RG8SSDET

BOARD OF COMMISSIONERS
PORT OF NEW ORLEANS

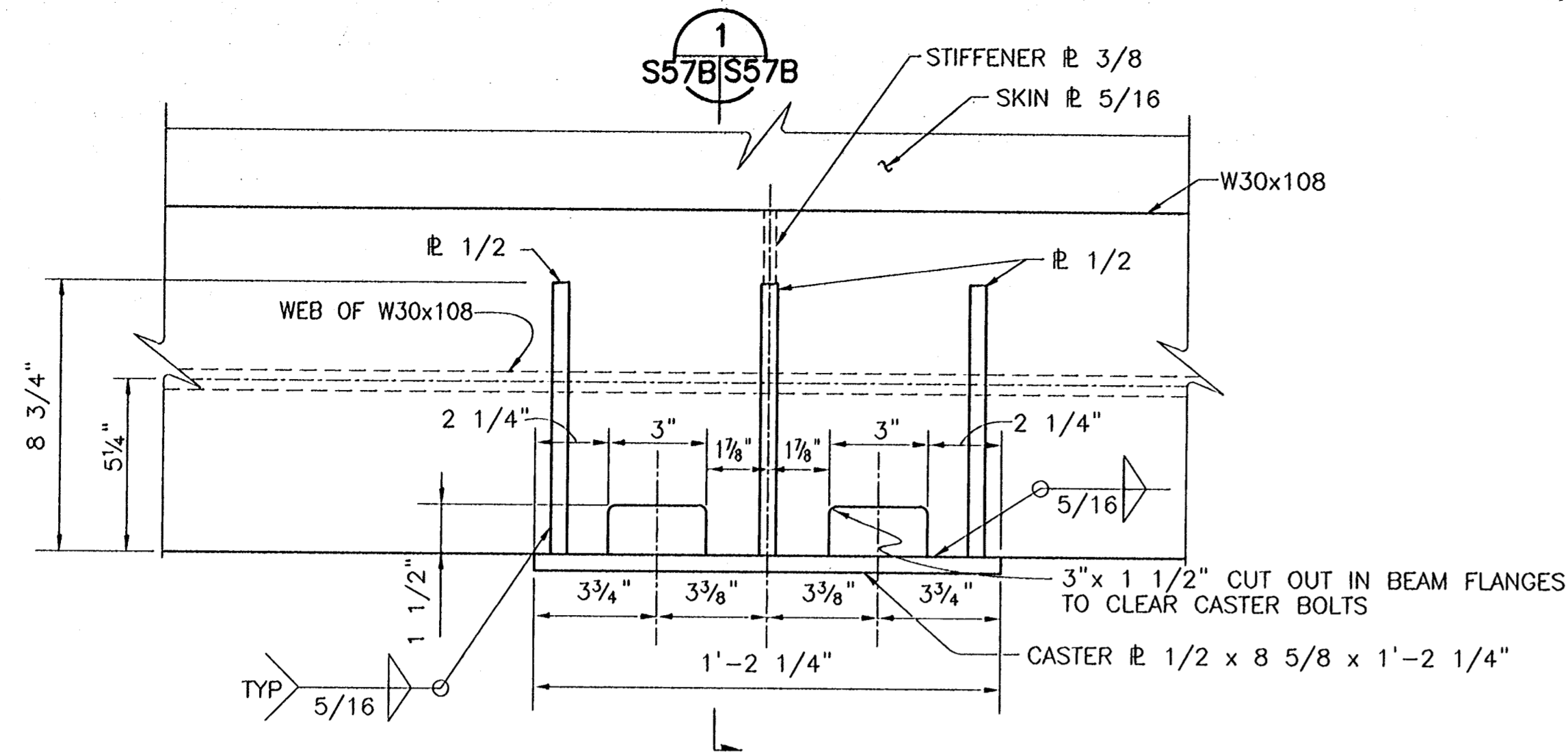
FRANCE ROAD TERMINAL
FLOOD CONTROL IMPROVEMENTS
TO TIDEWATER AREA FLOODWALL-SOUTH
STA. 35+13.01 TO STA. 88+82.36
ROLLER GATE NO. 8 SEAL SUPPORT DETAILS

SCALE: 3/4"=1'-0" DATE: JAN. 14, 1998
DESIGNED: J.F.H. DRAWN: H.L.K.
CHECKED: G.P.F. SUBMITTED: R.S.G.
APPROVED: G.P.F. BY: PROJECT ENGINEER

WILLIAM B. CHOMARIE, P.E.
PROJECT ENGINEERING MANAGER

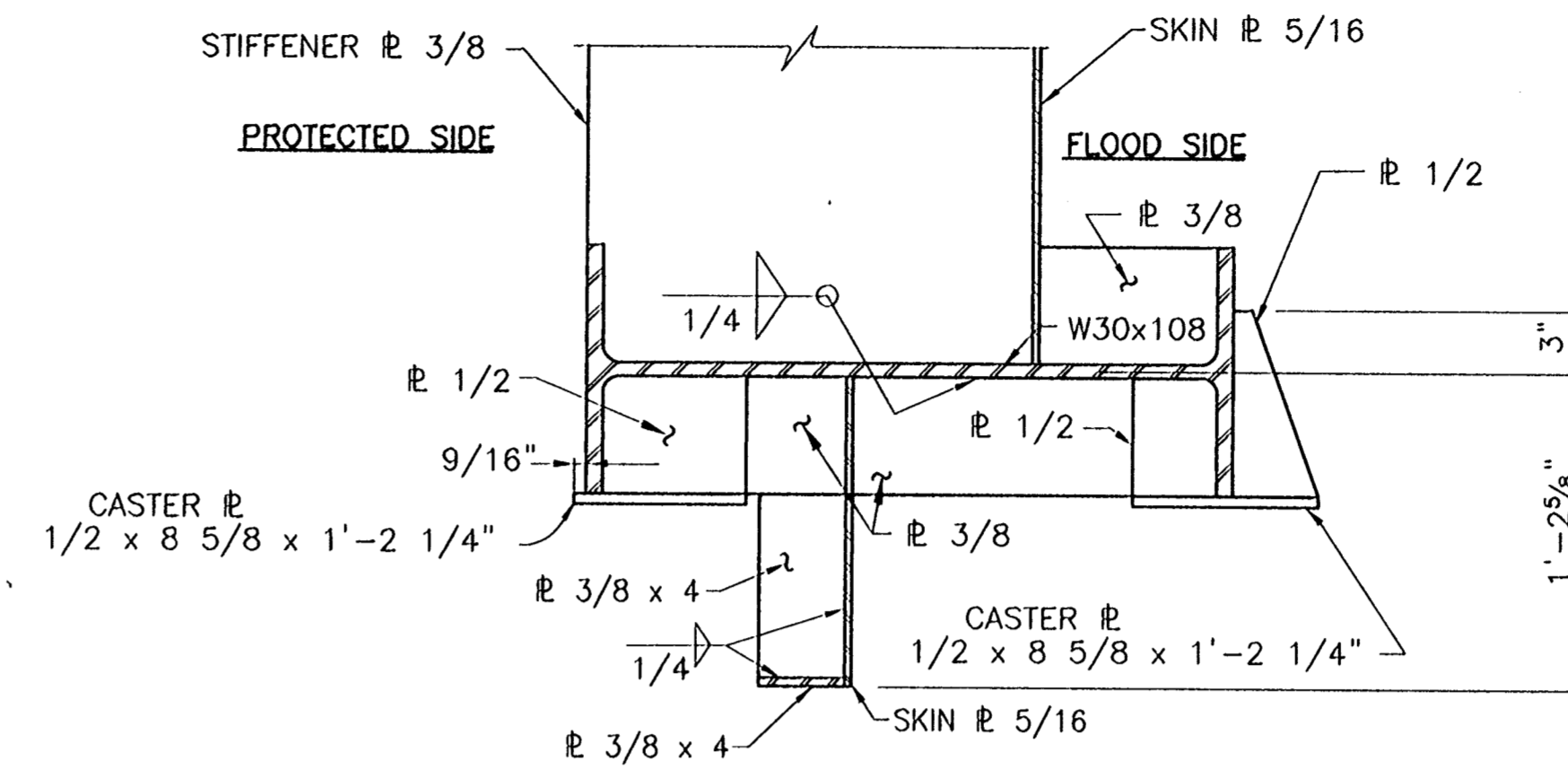
WYLE C. JONES, P.E.
DIRECTOR OF ENGINEERING

DWG. NO. M11-7008-S56E REF000303

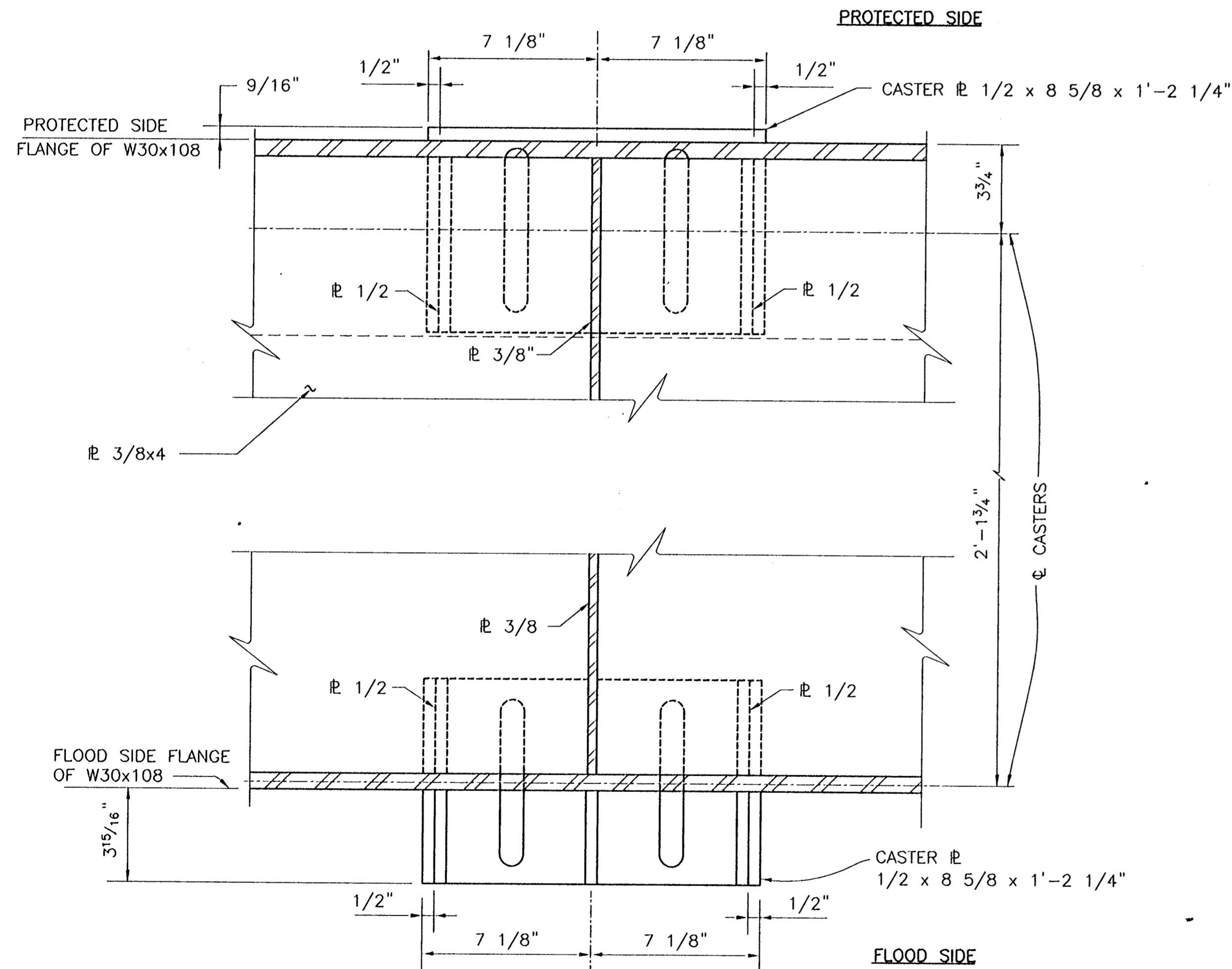


CASTER PLATE ASSEMBLY ELEVATION

SCALE: 3"=1'-0"

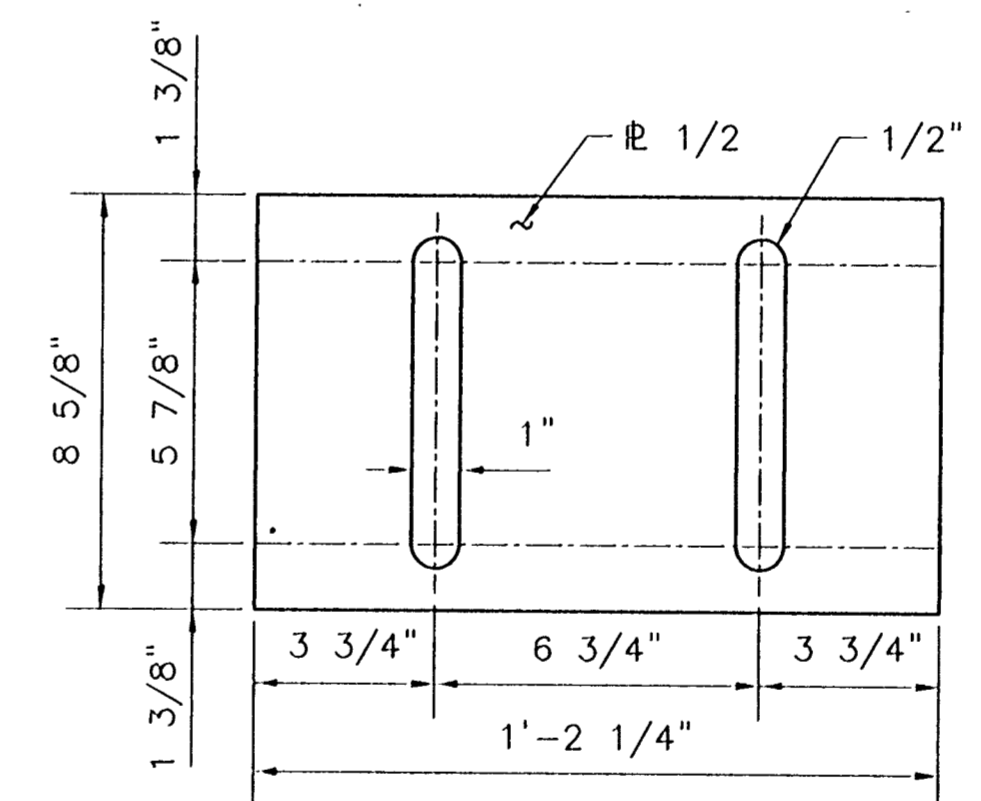


SECTION 1
SCALE: 1 1/2"=1'-0" S57B|S57B=



PLAN

SCALE: 3"=1'-0"



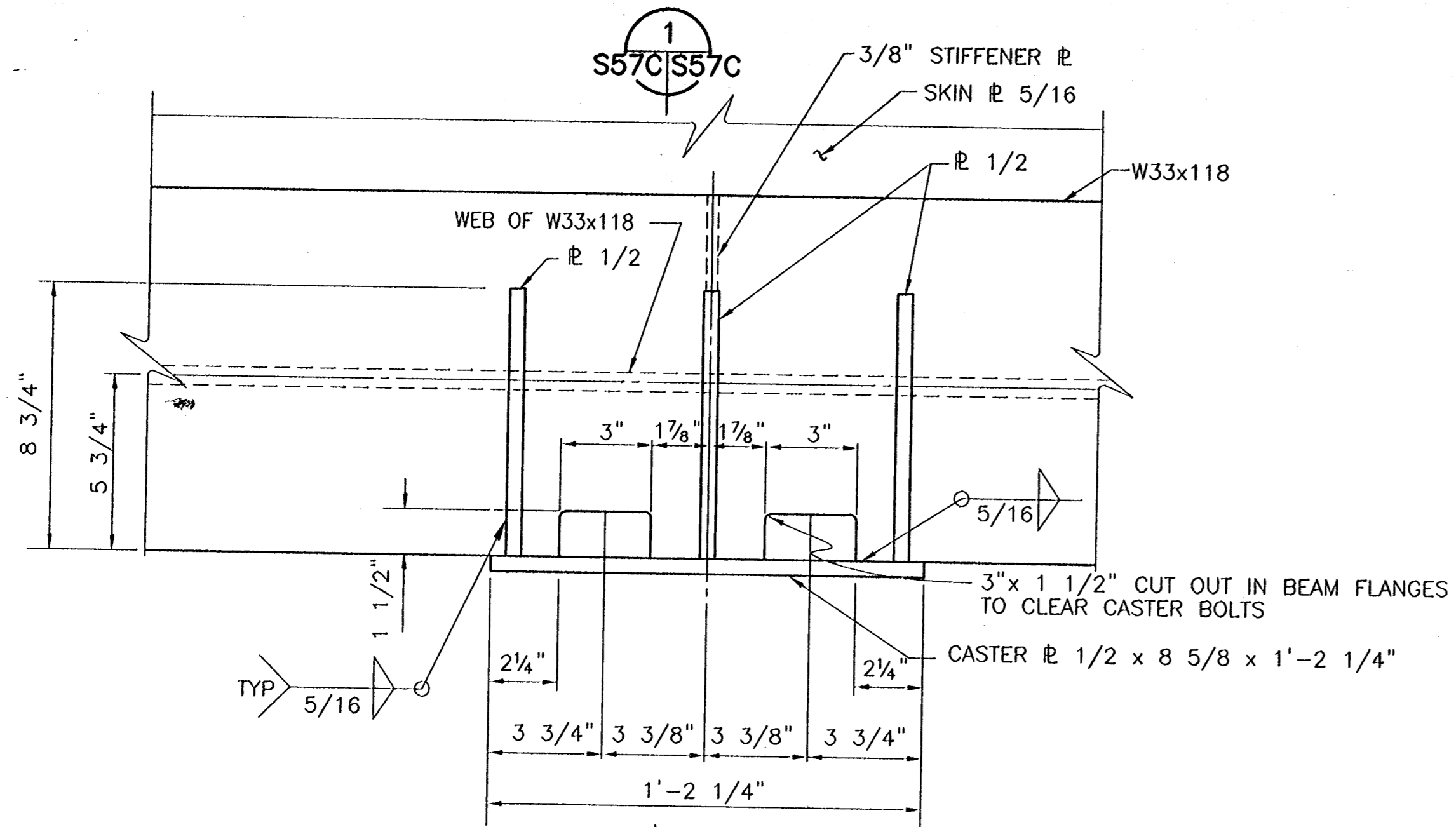
CASTER PLATE DETAIL

SCALE: 3"=1'-0"

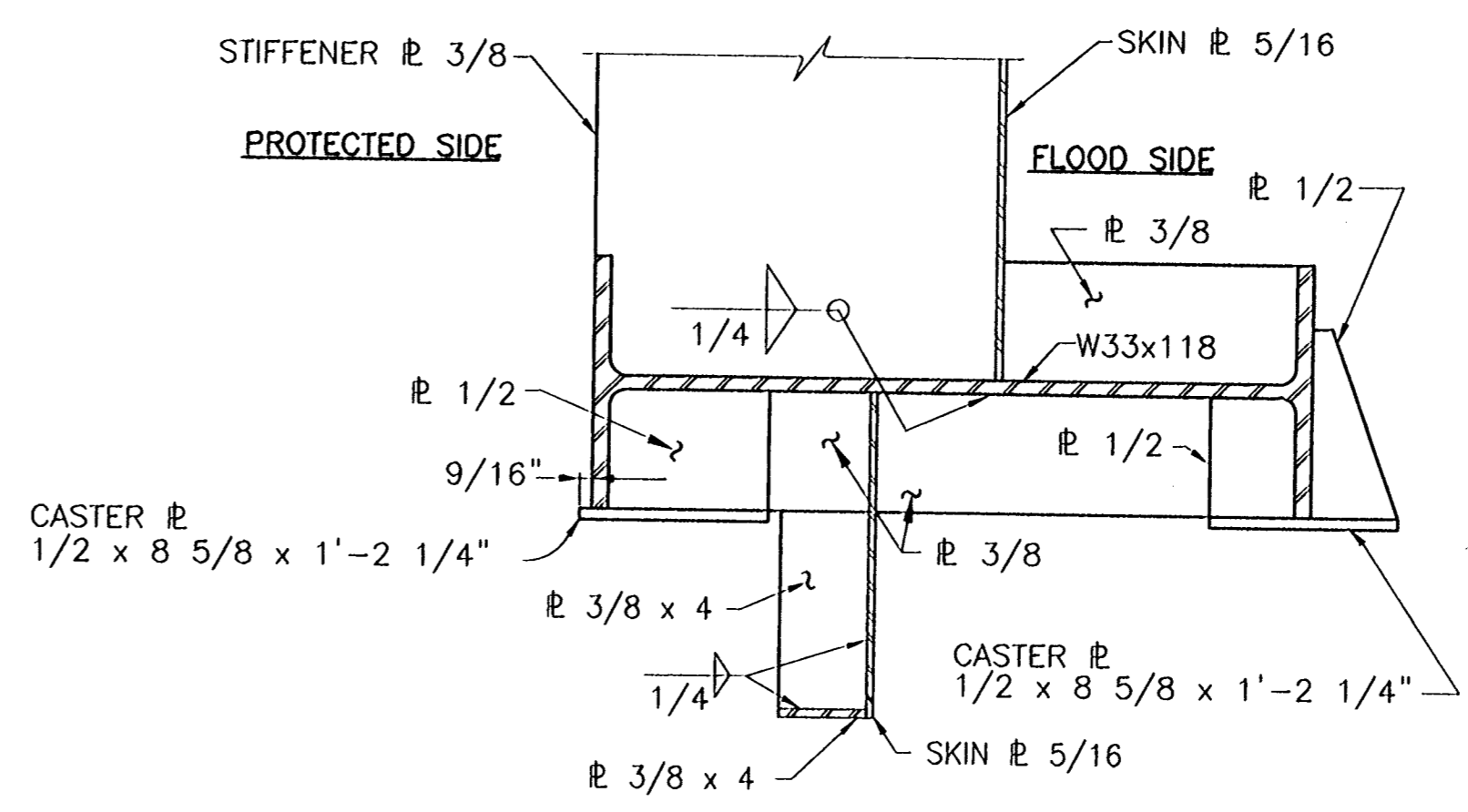
Jun 08, 1998 - 12:47:33 P&O FILE: G:\CAD\ACAD\504-008\PROJ-303\STRUCT\DET-CAS5 [Login: Dovo]

REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
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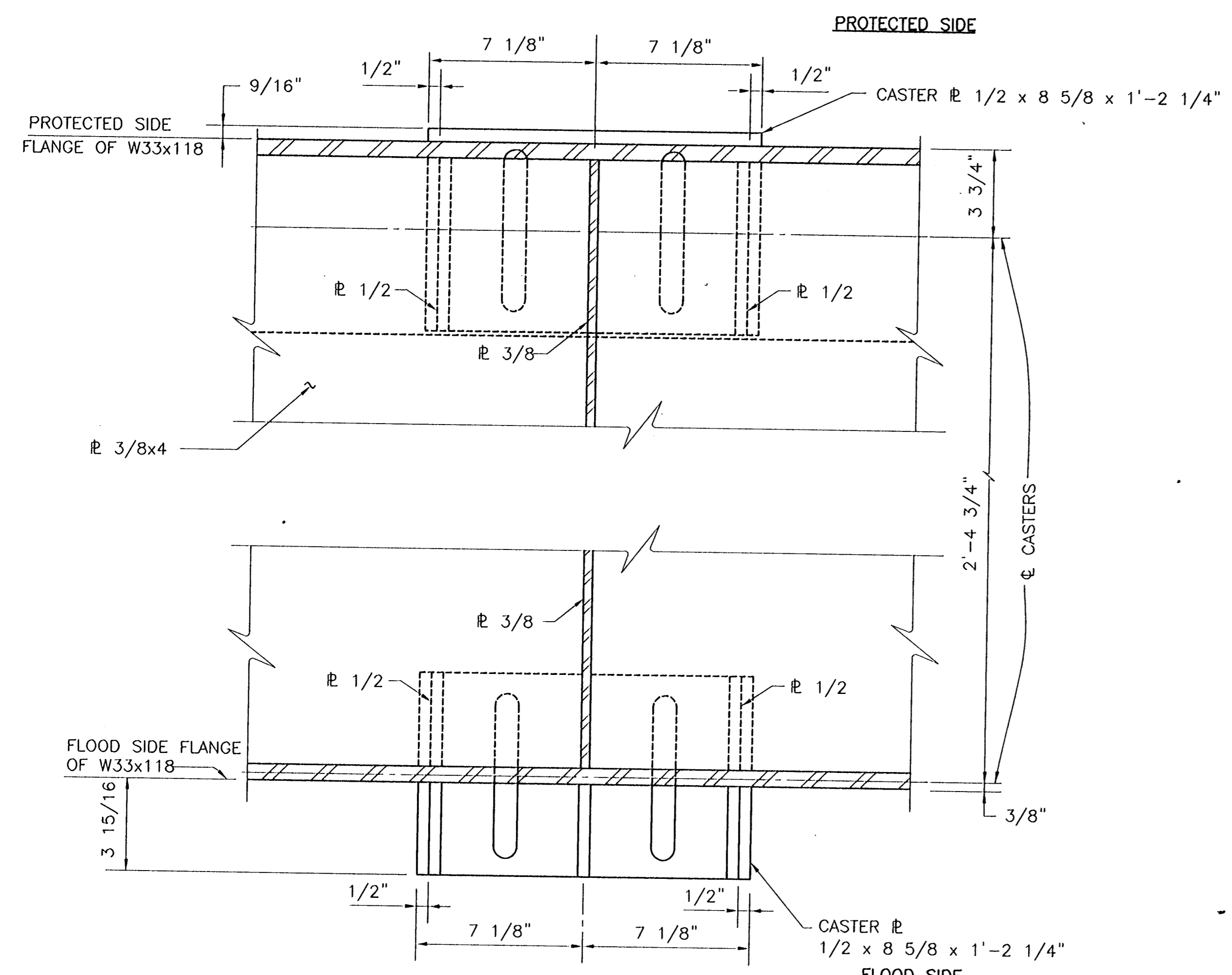
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 ROLLER GATE NO. 5 CASTER ASSEMBLY DETAILS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
		IDENTIFICATION NO. DET-CAS5	
WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER		HYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S57B		REFORM000303	



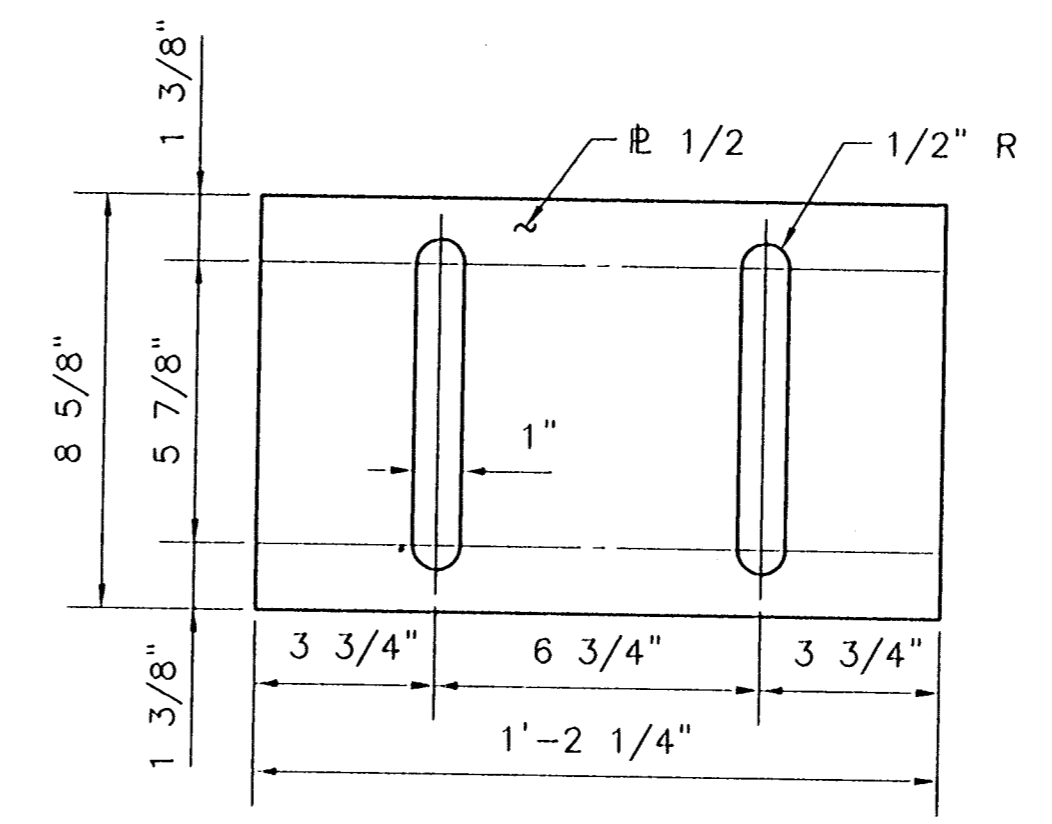
CASTER PLATE ASSEMBLY ELEVATION
SCALE: 3"=1'-0"



SECTION 1 S57C|S57C
SCALE: 1 1/2"=1'-0"



PLAN
SCALE: 3"=1'-0"



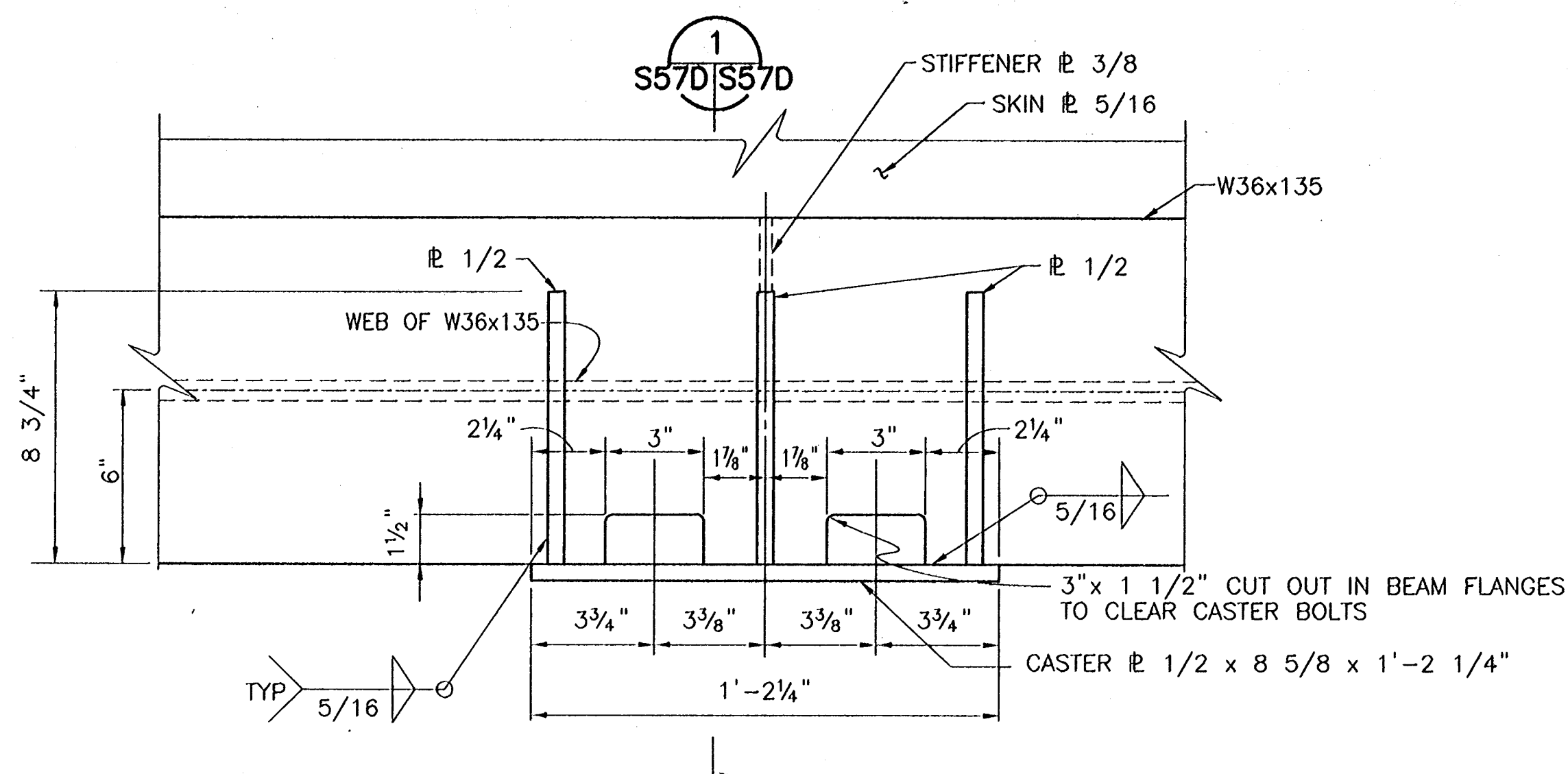
CASTER PLATE DETAIL
SCALE: 3"=1'-0"

Jan 08, 1998 - 12:50:50 PM FILE: G:\CAD\ACAD\594-005\PROJ-303\STRUCTURE\DET-CAST1.dwg [LogIn: Dono]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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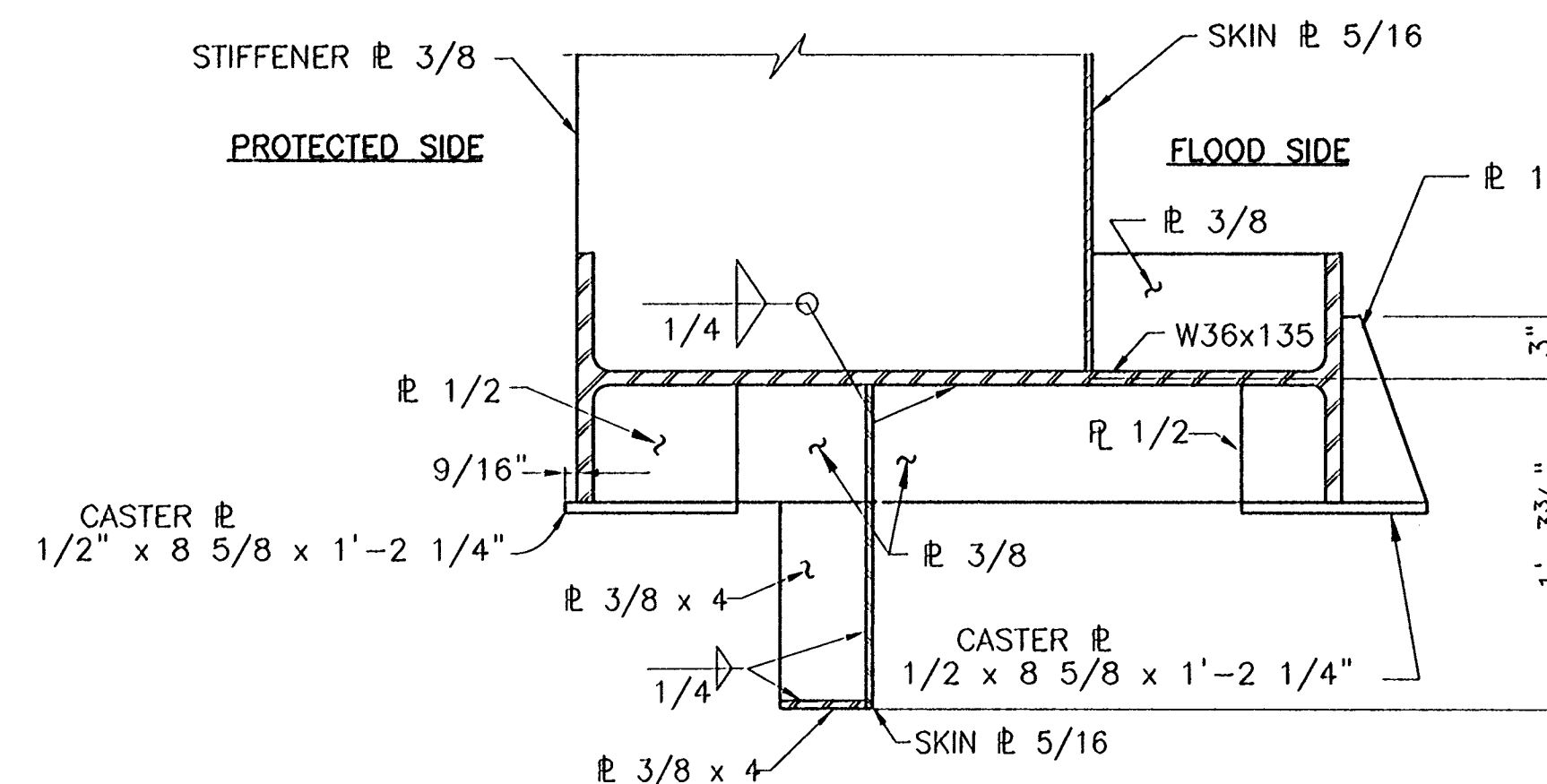
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NOS. 6 & 7 CASTER ASSEMBLY DETAILS	
DRAWN: J.M.R. DESIGNED: J.F.H. CHECKED: G.P.F. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-CAST		RECOMMENDED: WILLIAM B. CROMARIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED: KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S57C		REF: 000003	

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	111



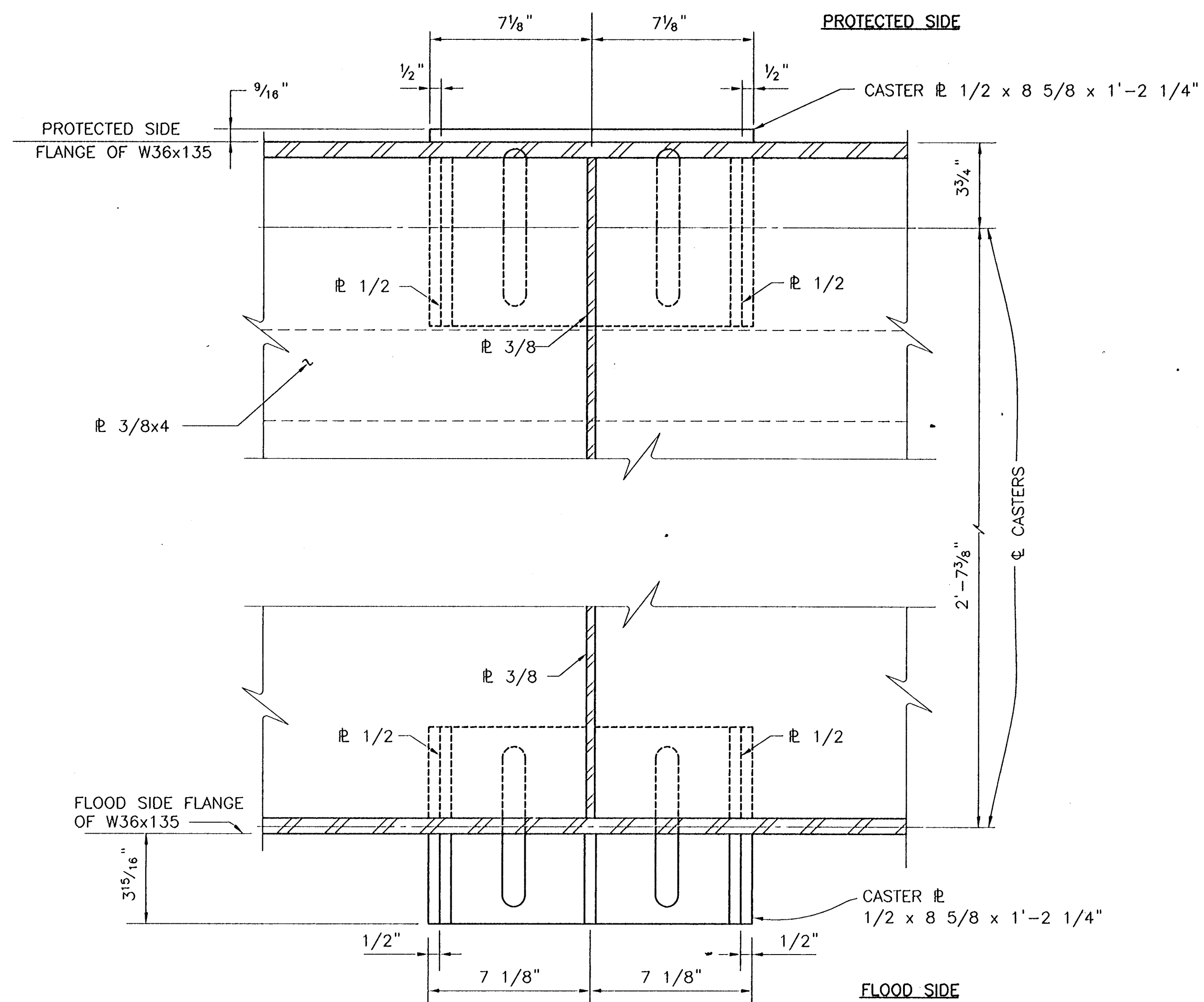
CASTER PLATE ASSEMBLY ELEVATION

SCALE: 3"=1'-0"



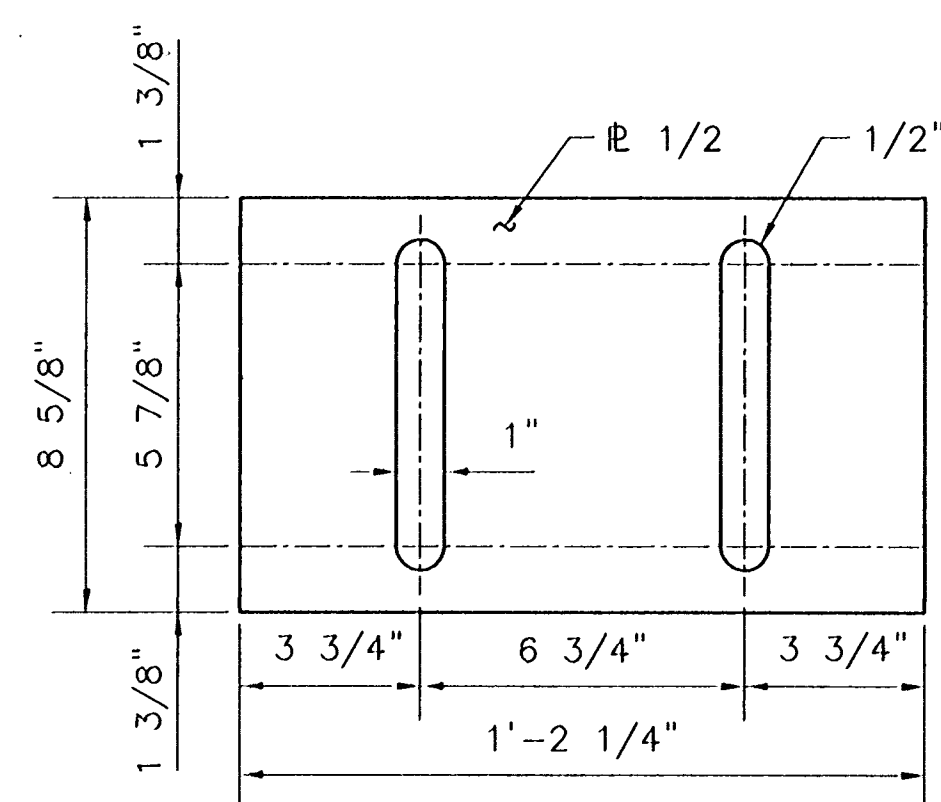
SECTION 1

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



PLAN

SCALE: 3"=1'-0"



CASTER PLATE DETAIL

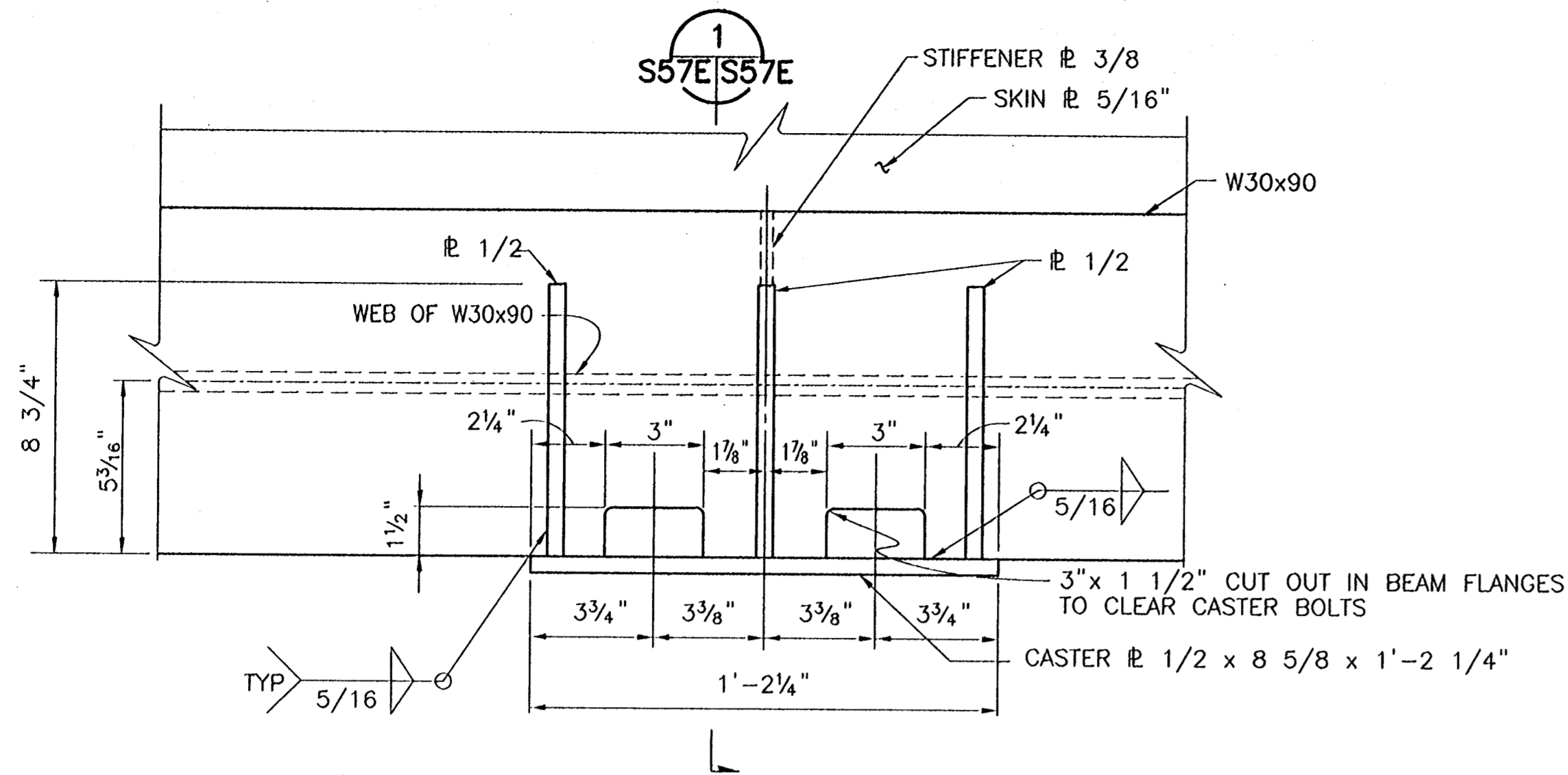
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Jan 08, 1998 - 13:02:15 - P&O FILE: G:\CAD\ACAD\504-006\PRGJ-303\STRUCT\DET-CAS8 [Login: Devo]

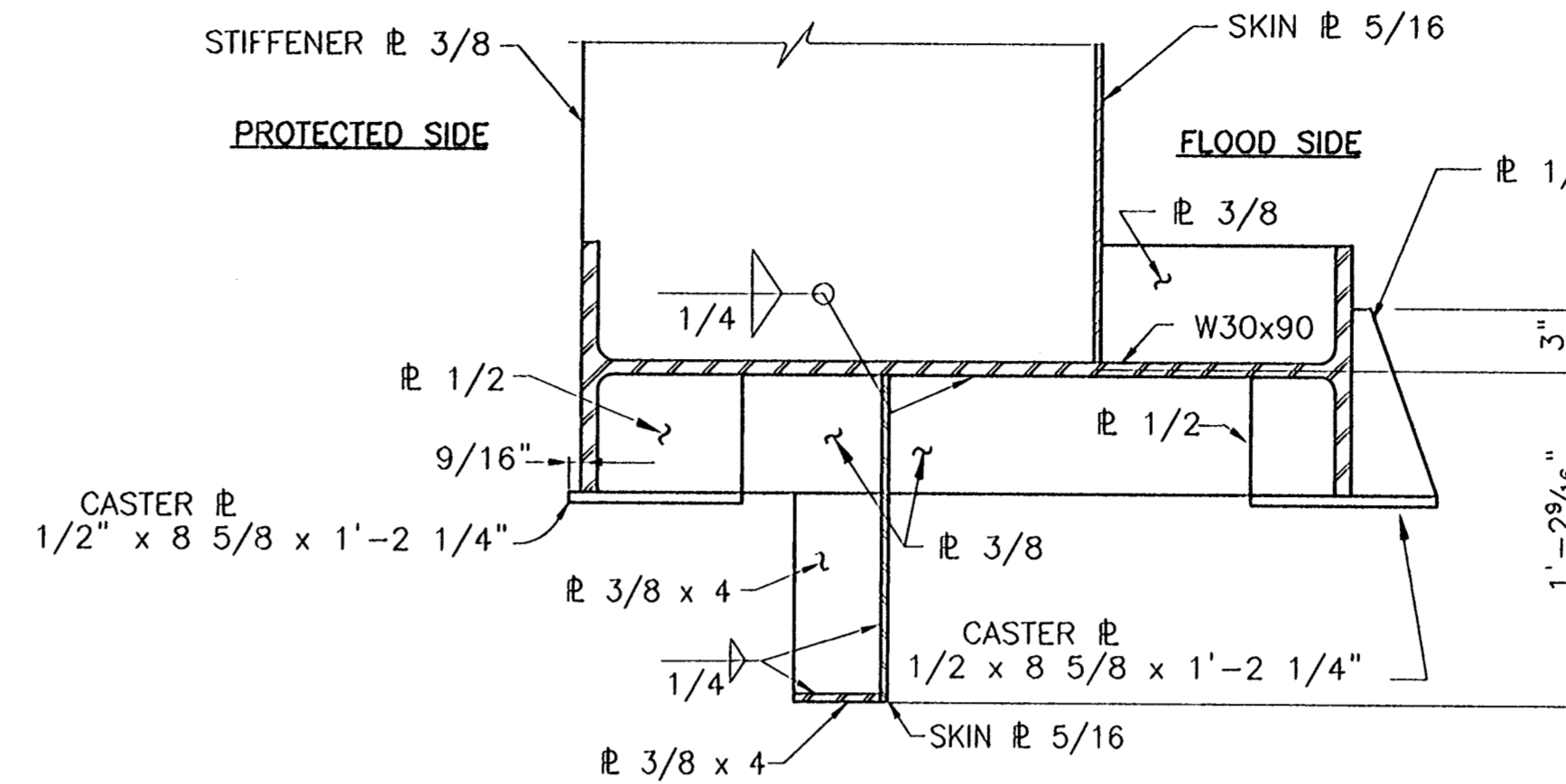
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 89+82.36 ROLLER GATE NO. 8 CASTER ASSEMBLY DETAILS	
		SCALE AS SHOWN DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	
IDENTIFICATION NO. DET-CAS8		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
DWG. NO. M11-7008-S57D		REG000303	

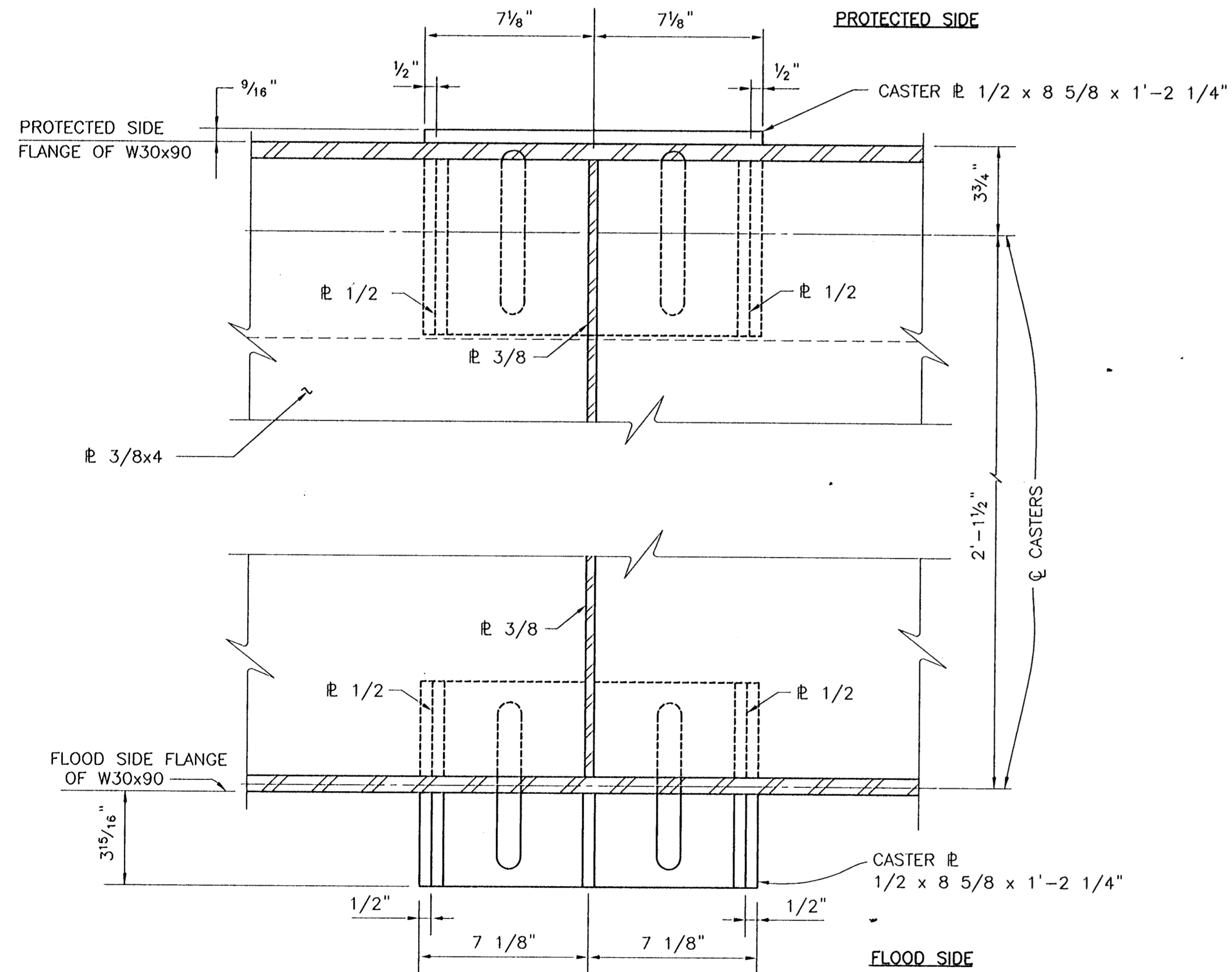
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	112



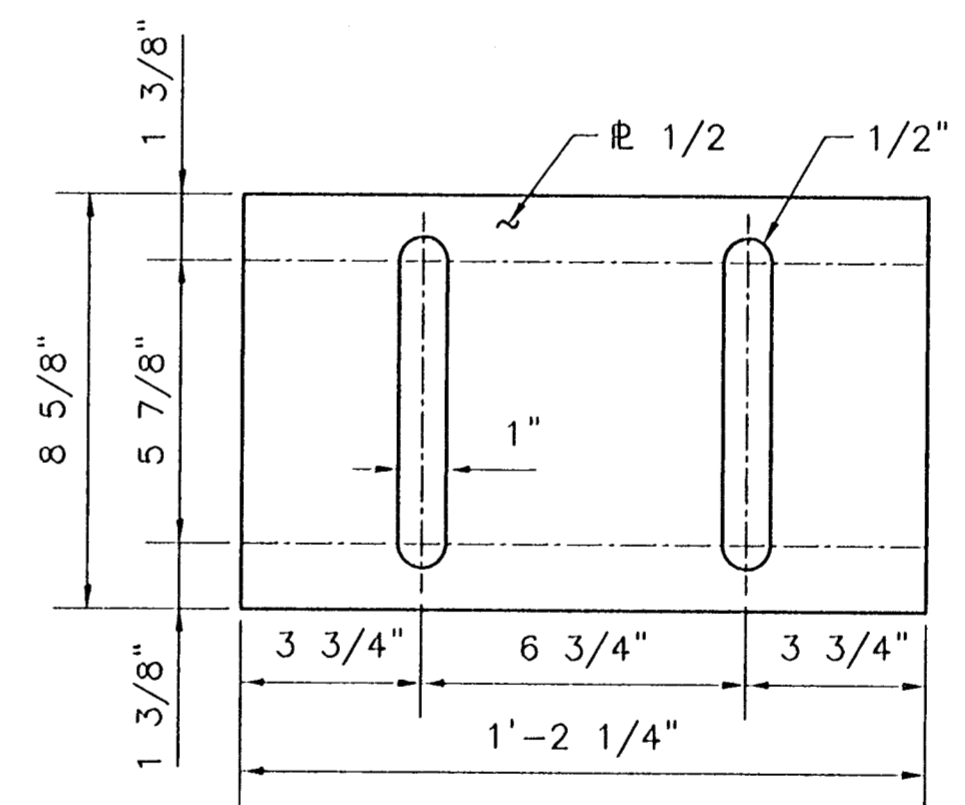
CASTER PLATE ASSEMBLY ELEVATION
SCALE: 3"=1'-0"



SECTION 1 S57E|S57E
SCALE: 1 1/2"=1'-0"



SECTION 1 S57E|S57E
SCALE: 3"=1'-0"



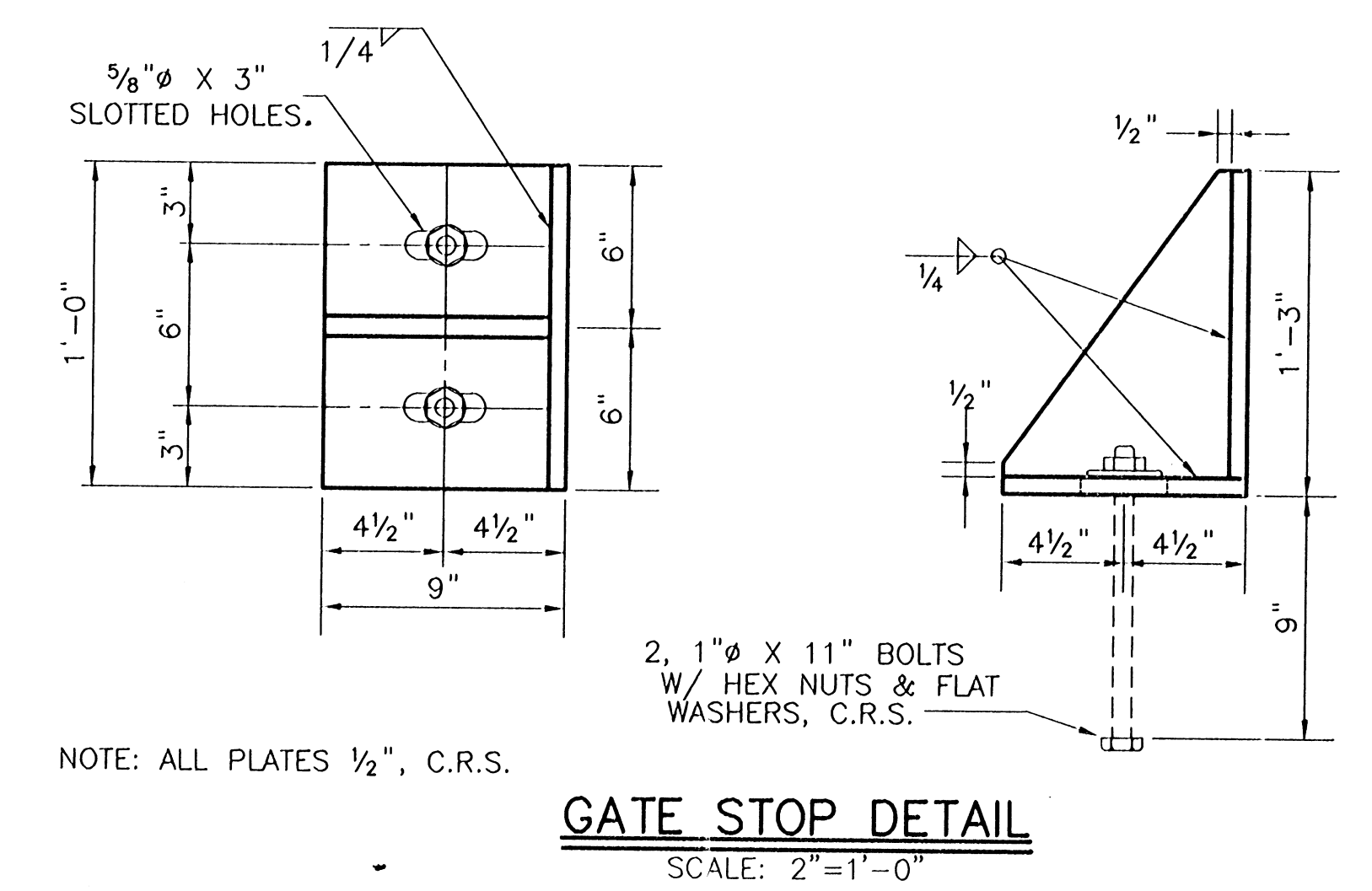
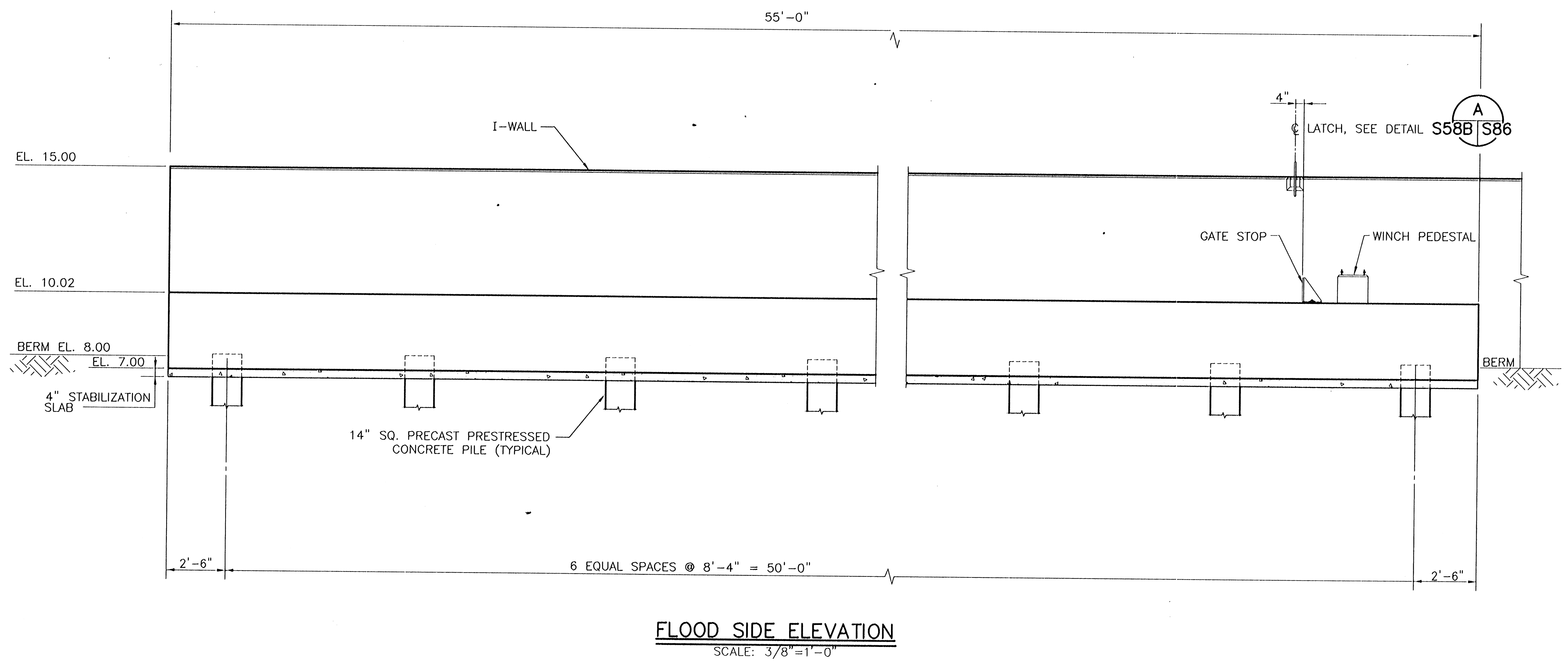
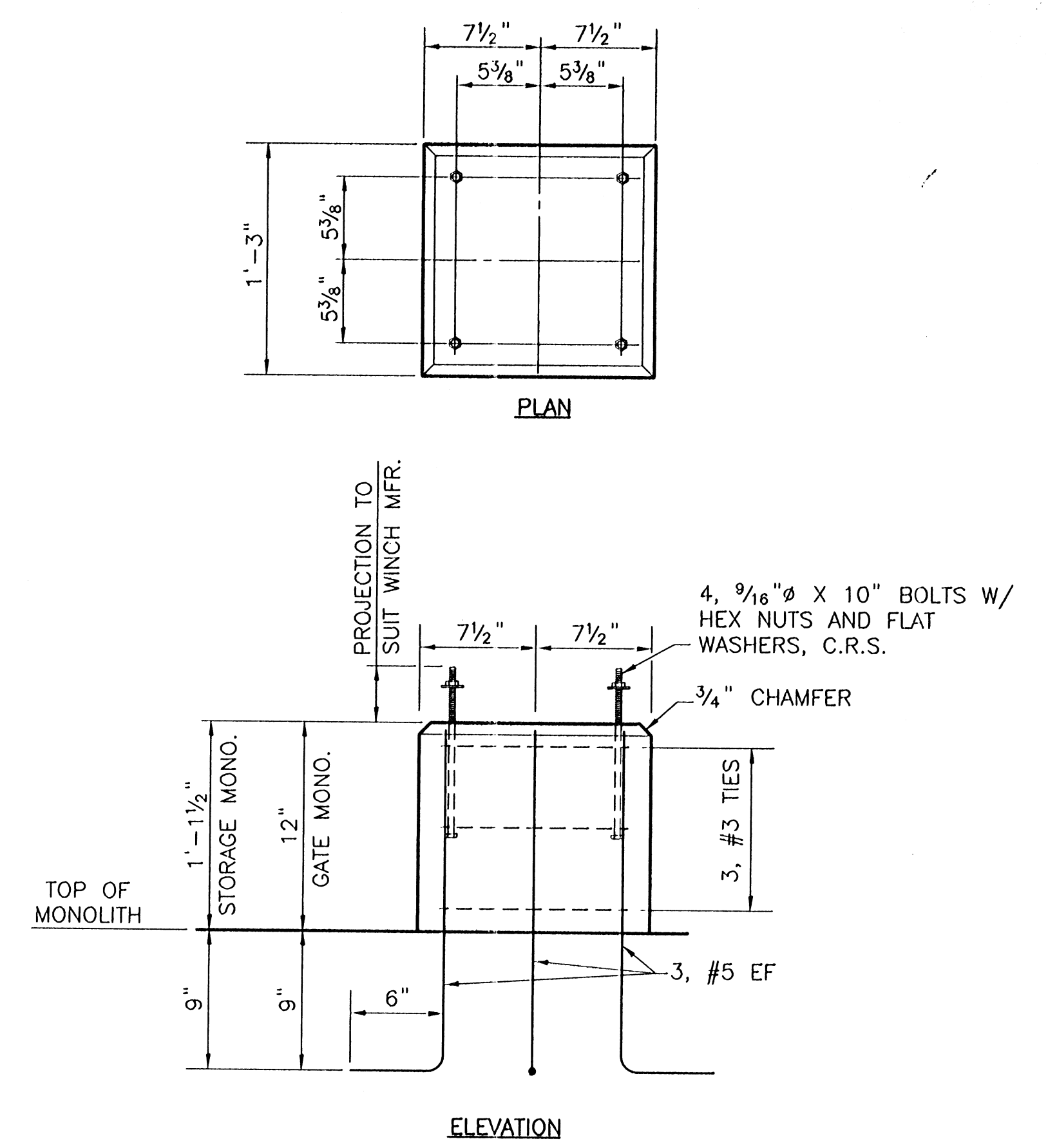
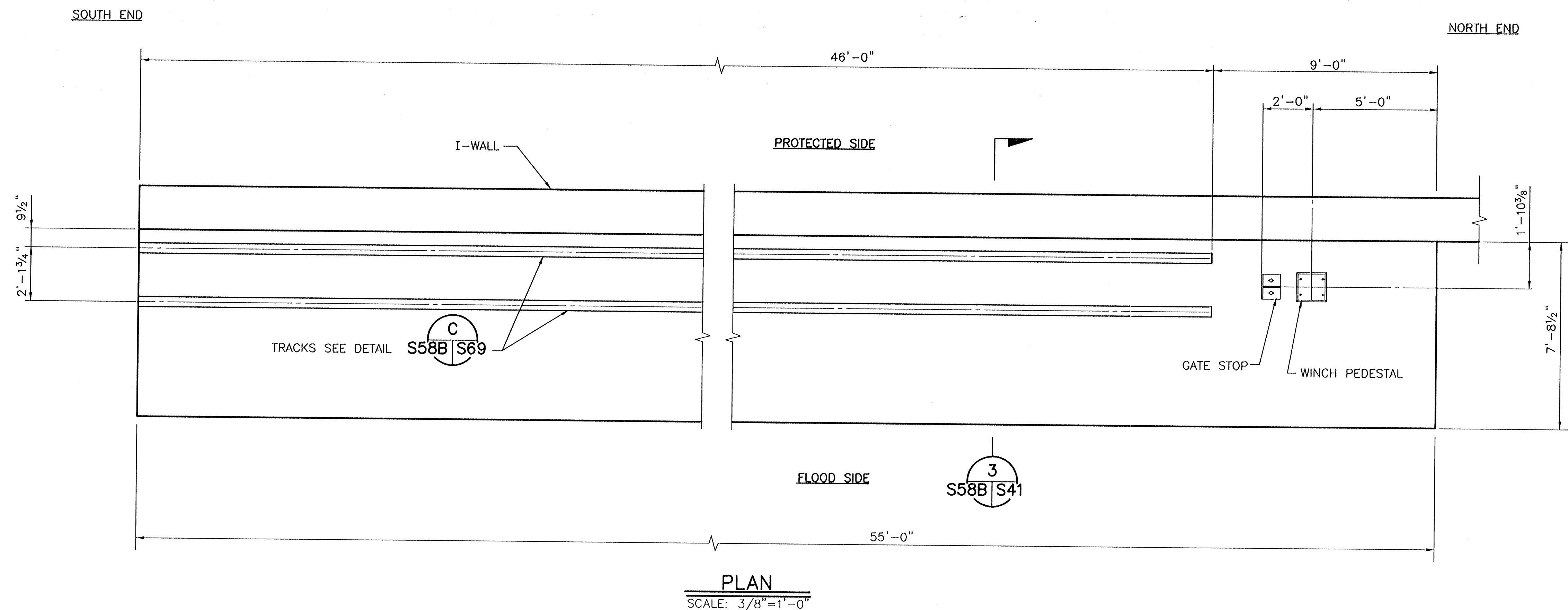
CASTER PLATE DETAIL
SCALE: 3"=1'-0"

Jan 08, 1998 - 13:03:54 P&O FILE: G:\CAD\ACAD\504-006\PROJ-503\STRUCT\DET-CAS9 [Login: Deyo]

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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 ROLLER GATE NO. 9 CASTER ASSEMBLY DETAILS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>		SCALE <u>AS SHOWN</u> DATE <u>JAN. 14, 1998</u> DESIGNED <u>J.F.H.</u> DRAWN <u>J.M.R.</u> CHECKED <u>G.P.F.</u> SUBMITTED <u>R.S.G.</u> RECOMMENDED <u>PROJECT ENGINEER</u> APPROVED <u>PROJECT ENGINEER</u>	
IDENTIFICATION NO. DET-CAS9		WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLLI C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S57E		REG0000303	

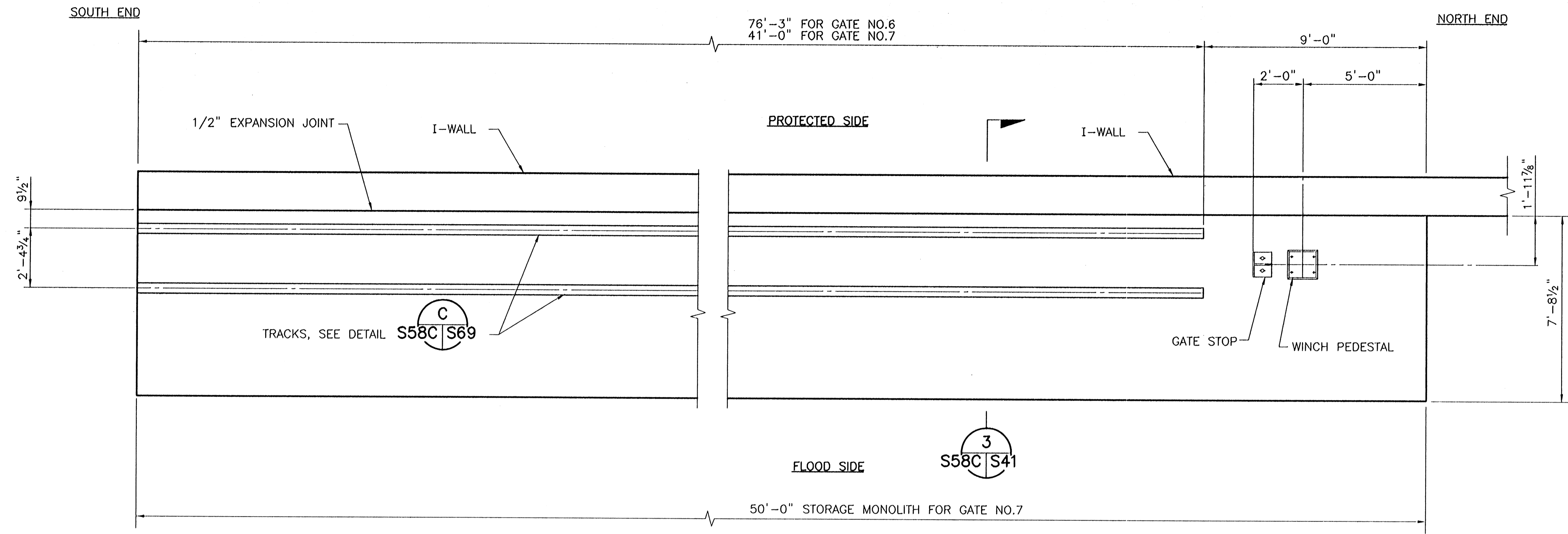
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	113



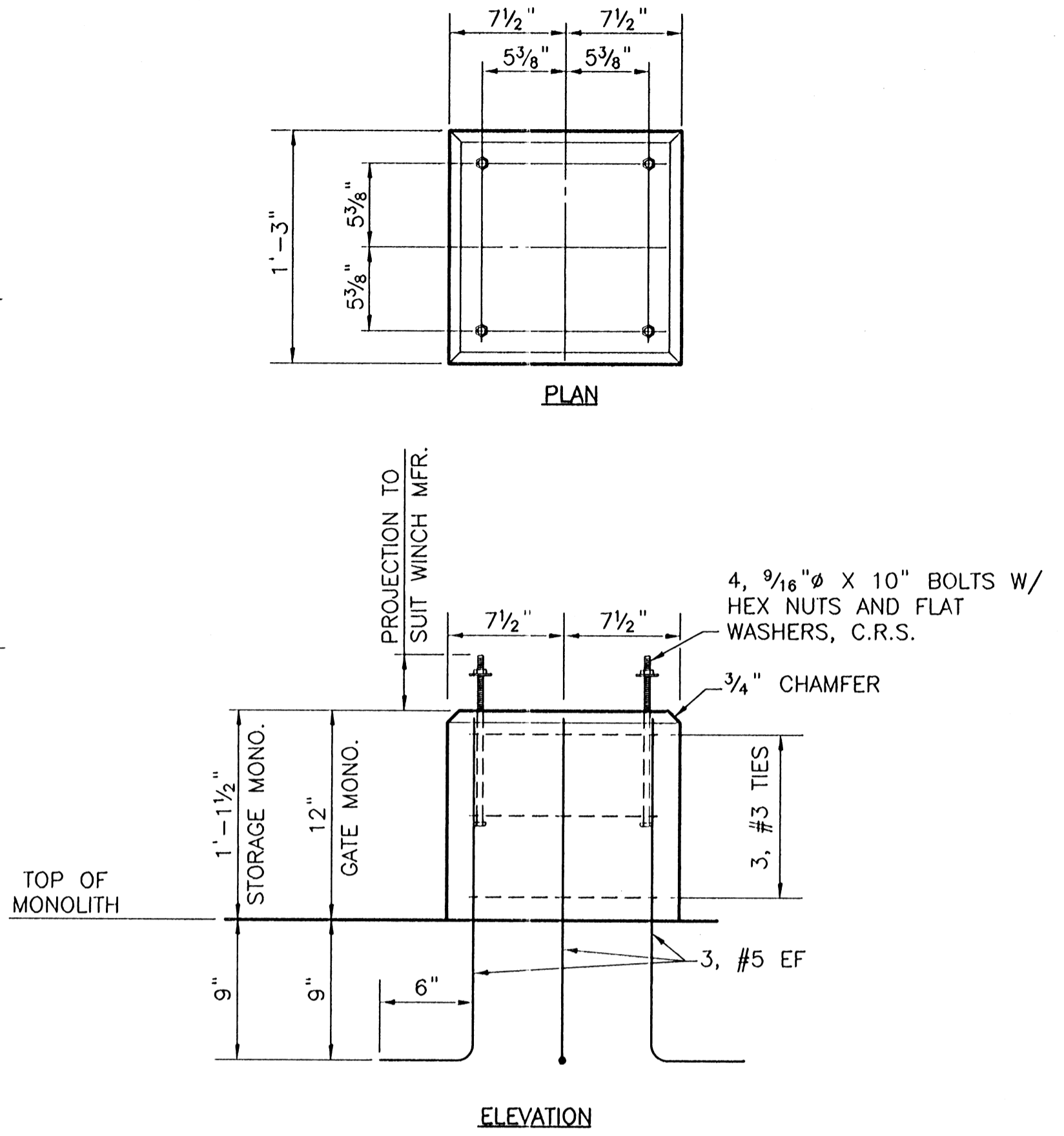
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REV. 17	BY	DATE	REV. 16	BY	DATE	REV. 15	BY	DATE	REV. 14	BY	DATE	REV. 13	BY	DATE	REV. 12	BY	DATE	REV. 11	BY	DATE
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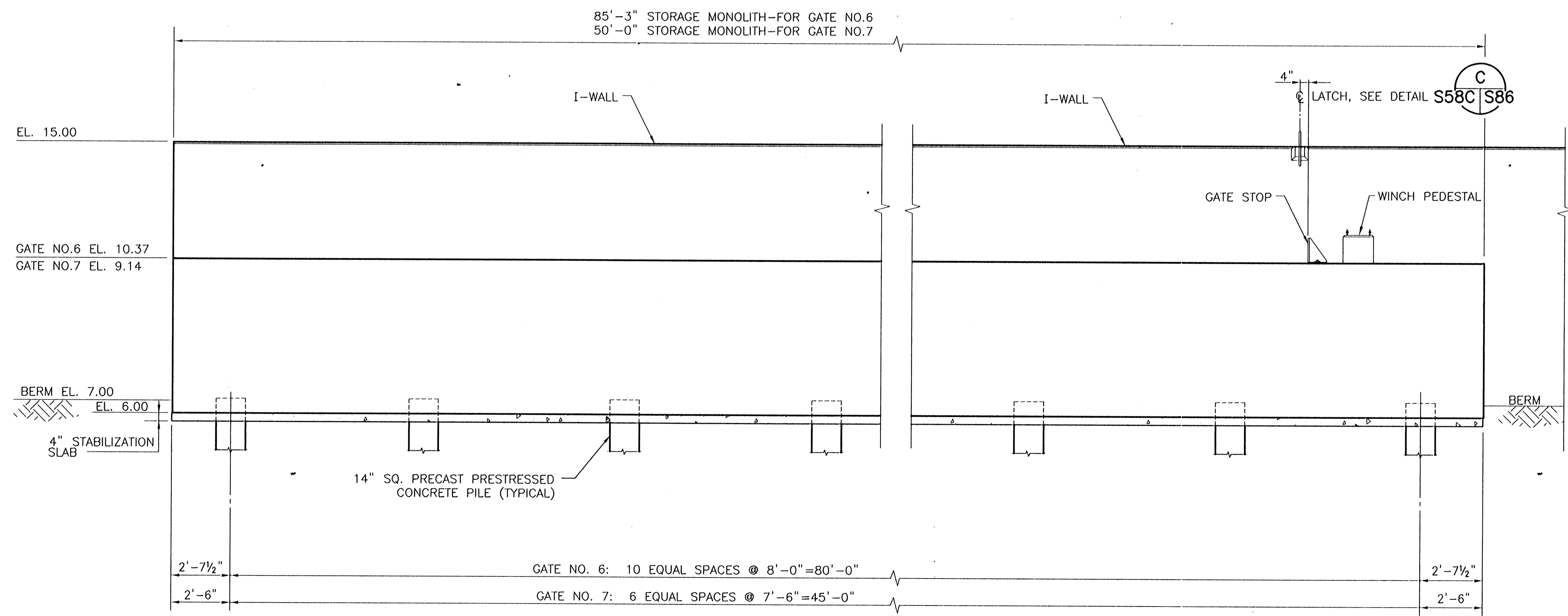
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NO. 5 STORAGE MONOLITH DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	DATE AS SHOWN JAN. 14, 1998	DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	APPROVED _____ WILLIAM B. CREWARTIE, P.E. PROJECT ENGINEERING MANAGER
IDENTIFICATION NO. DET-STR5		DWG. NO. M11-7008-S58B	



PLAN
SCALE: 3/8"=1'-0"

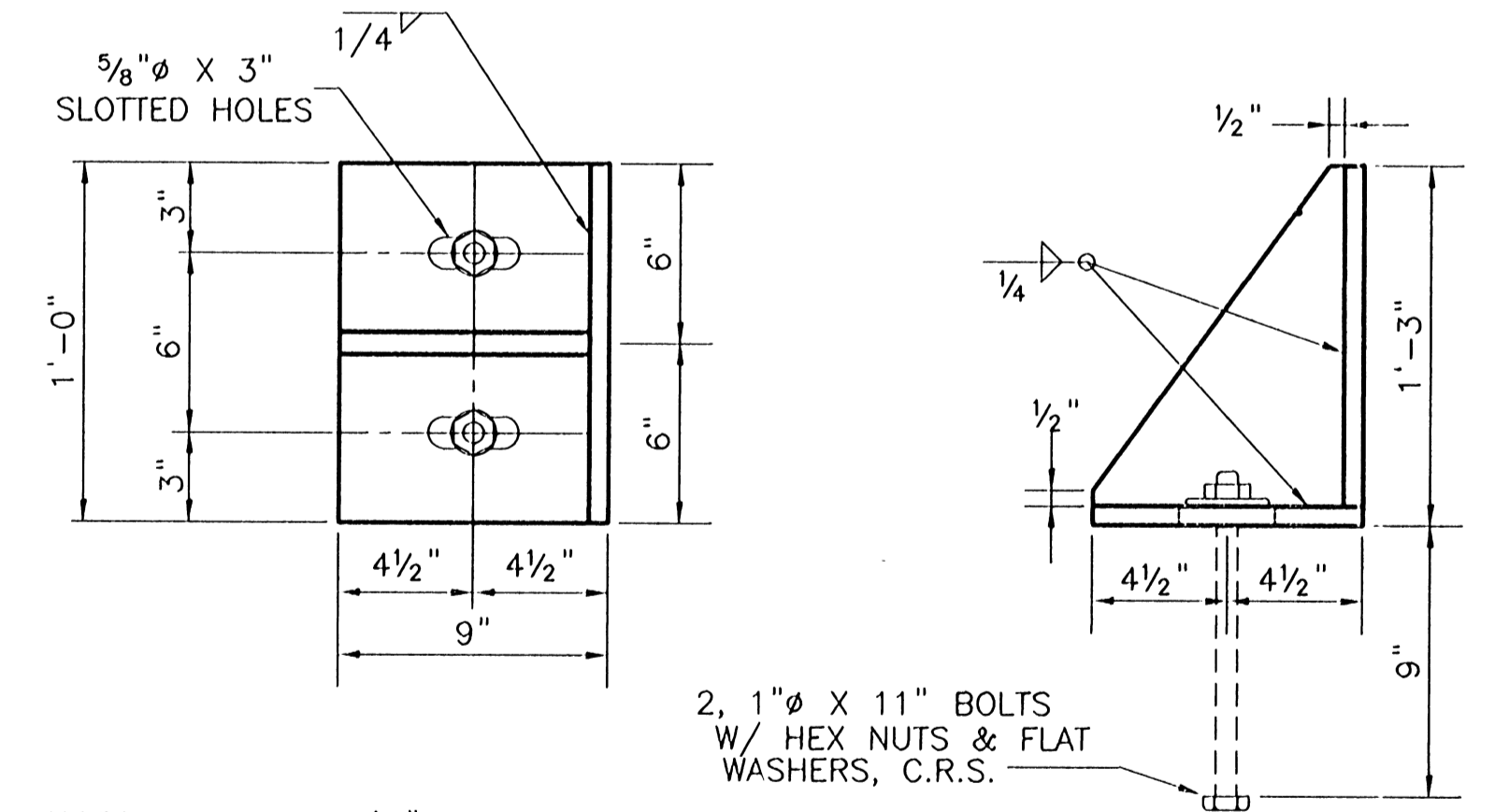


ELEVATION



FLOOD SIDE ELEVATION
SCALE: 3/8"=1'-0"

WINCH PEDESTAL DETAIL
SCALE: 1 1/2"=1'-0"



GATE STOP DETAIL
SCALE: 2"=1'-0"

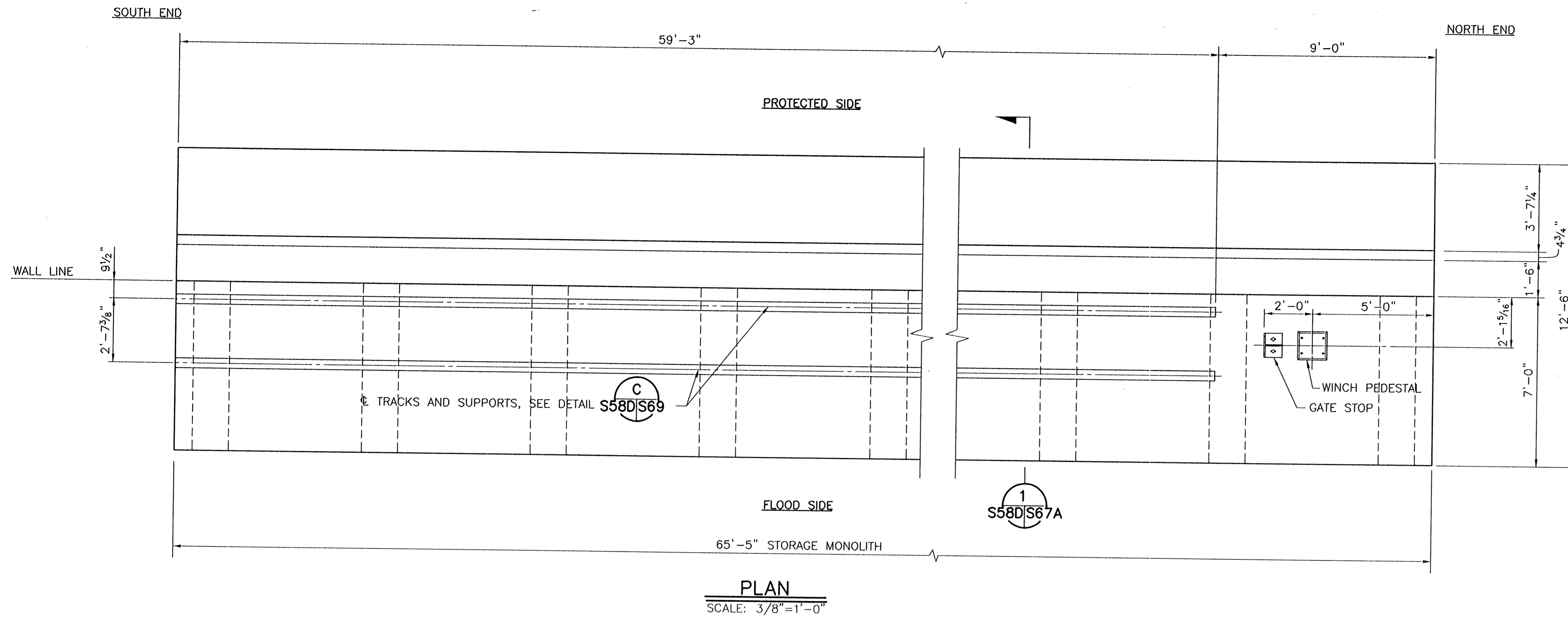
NOTE: ALL PLATES 1/2", C.R.S.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NOS. 6 & 7 STORAGE MONOLITH DETAILS	
DRAWN J.M.R. DESIGNED J.F.H. CHECKED G.P.F. APPROVED B.S.G.		SCALE AS SHOWN DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. DET-STRG		RECOMMENDED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S58C		REF: 000303	

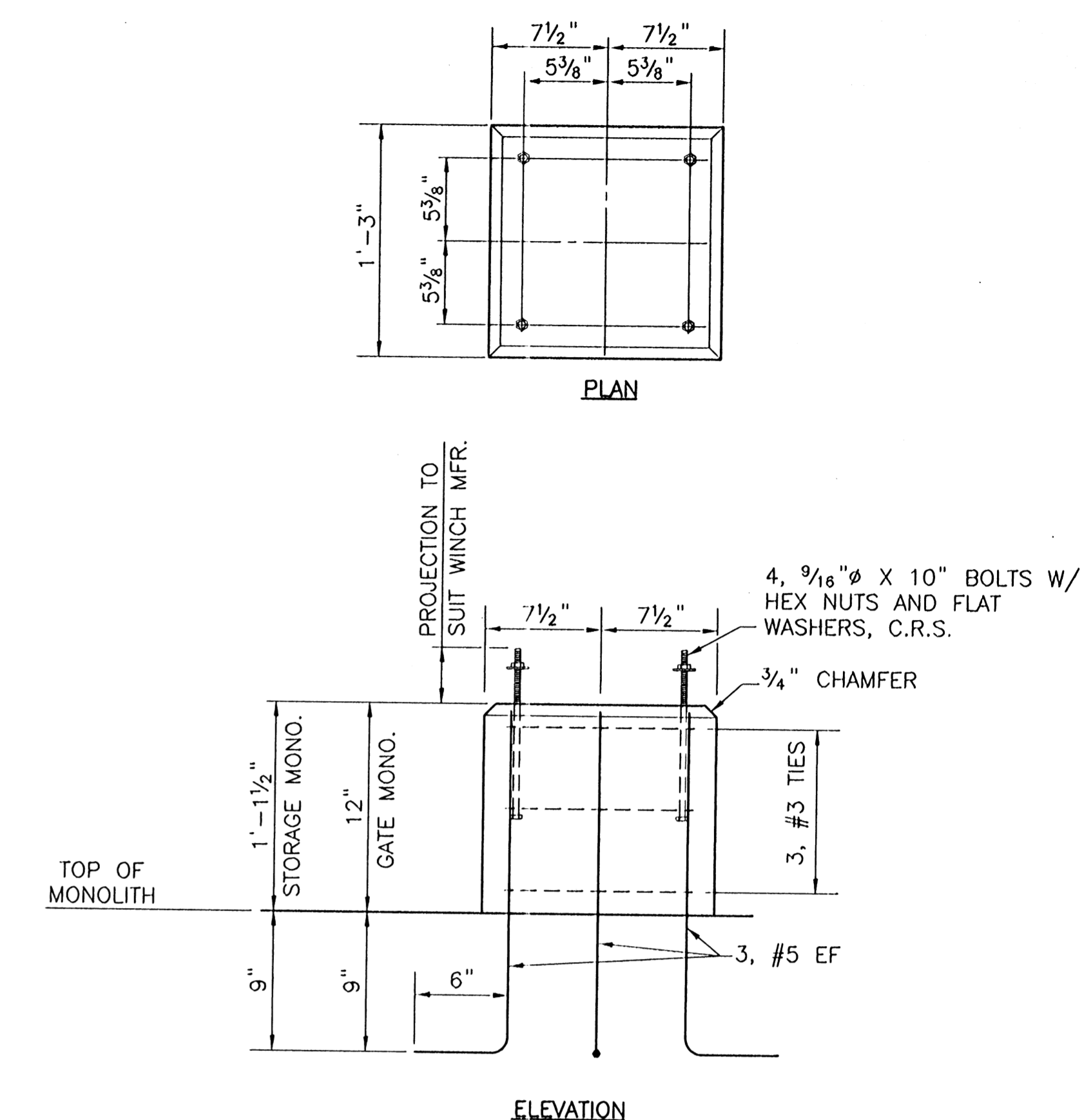
Jan 08, 1998 - 13:07:26[P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\DET-STRG] [Login: Dovo]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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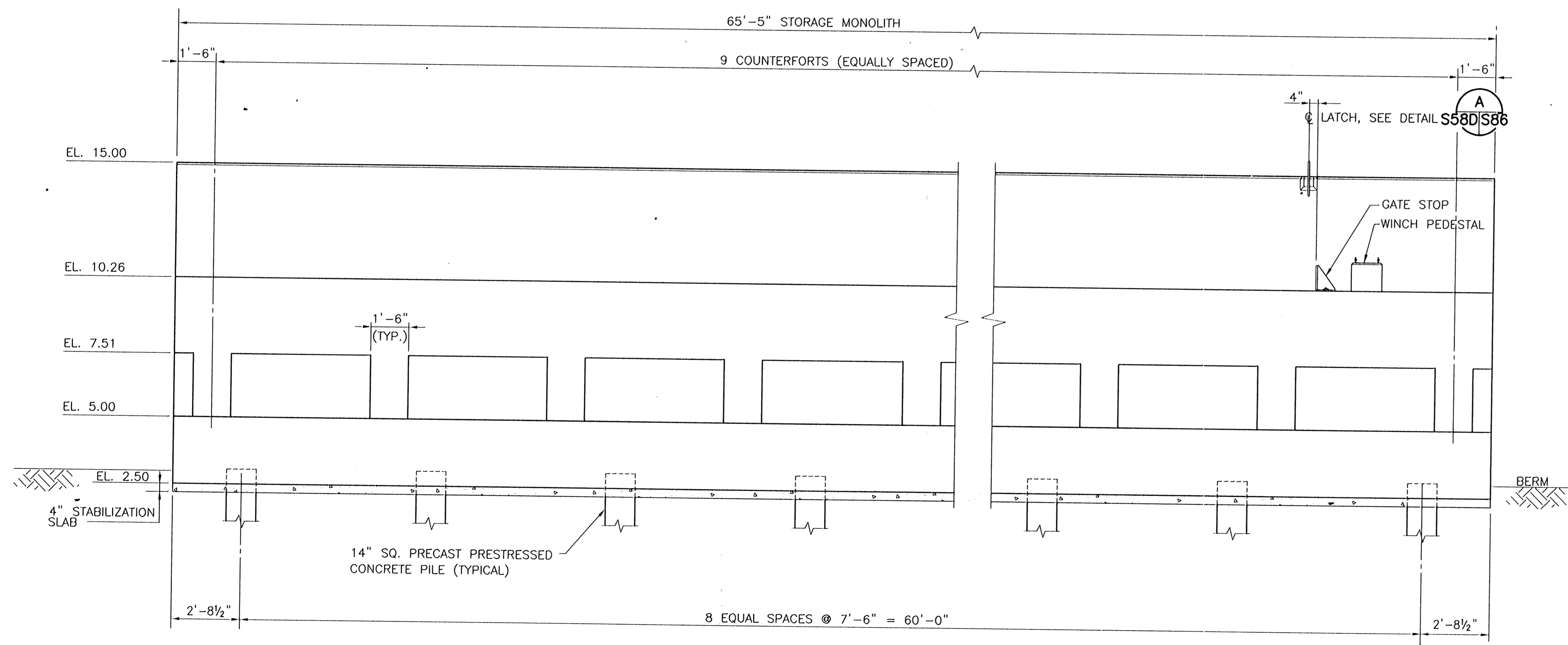
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	115



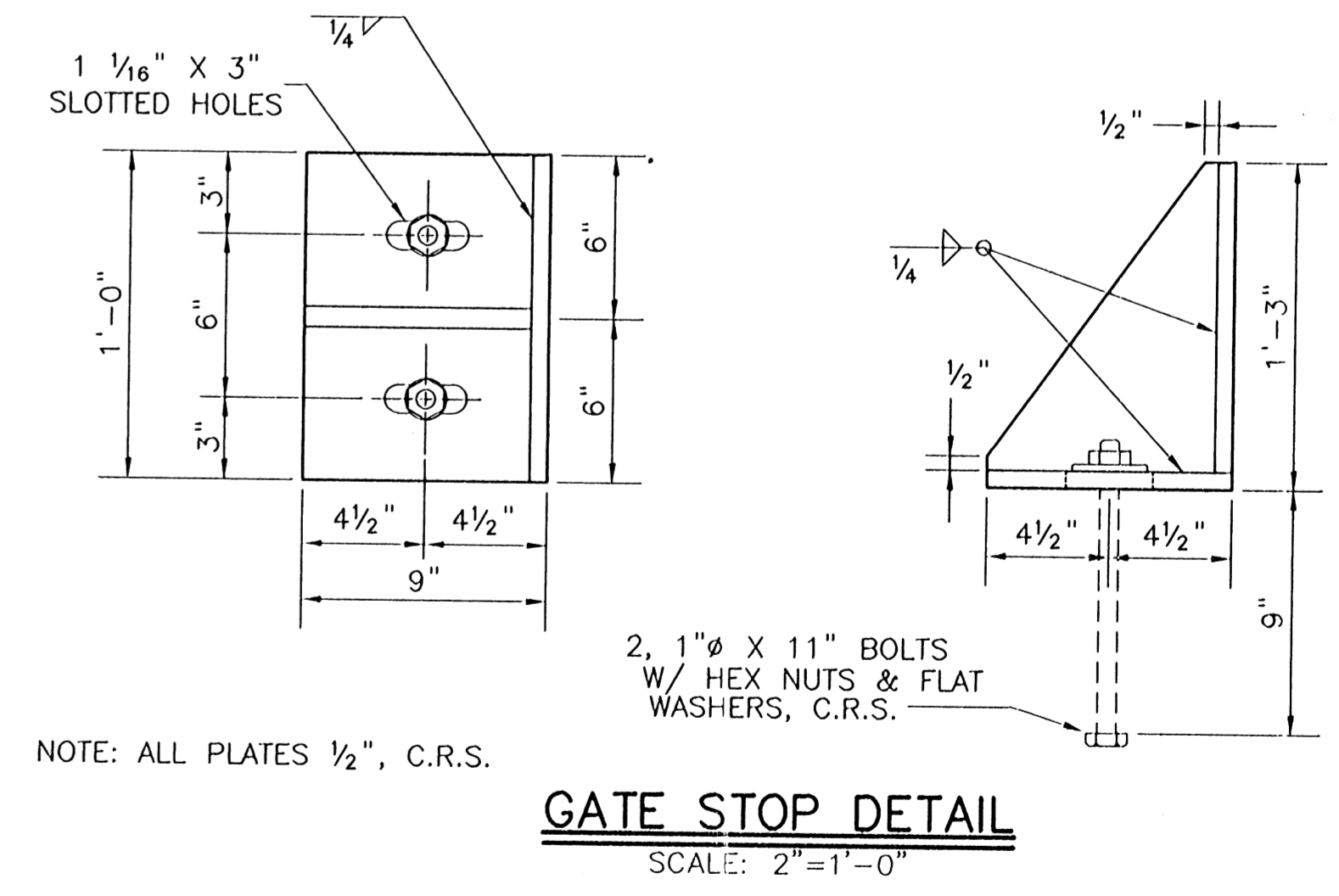
PLAN
SCALE: 3/8"=1'-0"



WINCH PEDESTAL DETAIL
SCALE: 1 1/2"=1'-0"



FLOOD SIDE ELEVATION
SCALE: 3/8"=1'-0"



GATE STOP DETAIL
SCALE: 2"=1'-0"

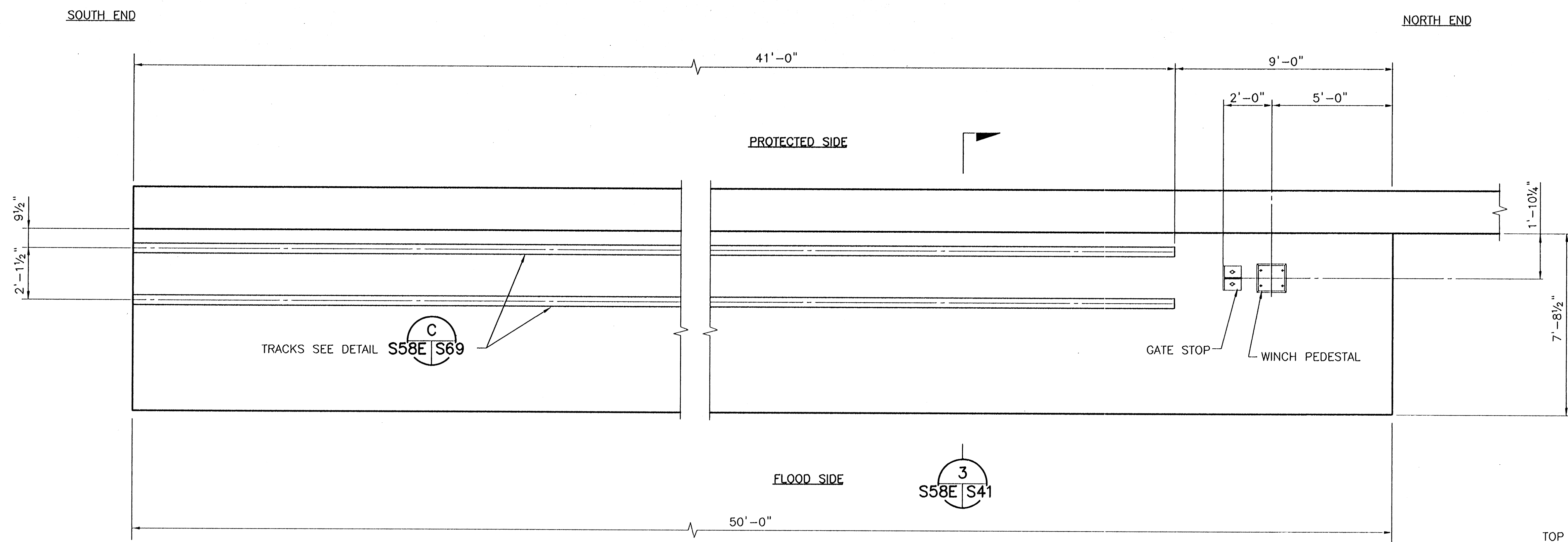
NOTE: ALL PLATES 1/2", C.R.S.

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 GATE NO. 8 STORAGE MONOLITH	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	SCALE AS SHOWN DATE <u>JAN. 14, 1998</u>	DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER
IDENTIFICATION NO. C8SMDET		RECOMMENDED <u>WILLIAM B. CROMMIE, P.E.</u> PROJECT ENGINEERING MANAGER	
		APPROVED <u>KYLE C. JONES, P.E.</u> DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S58D		REF000005	

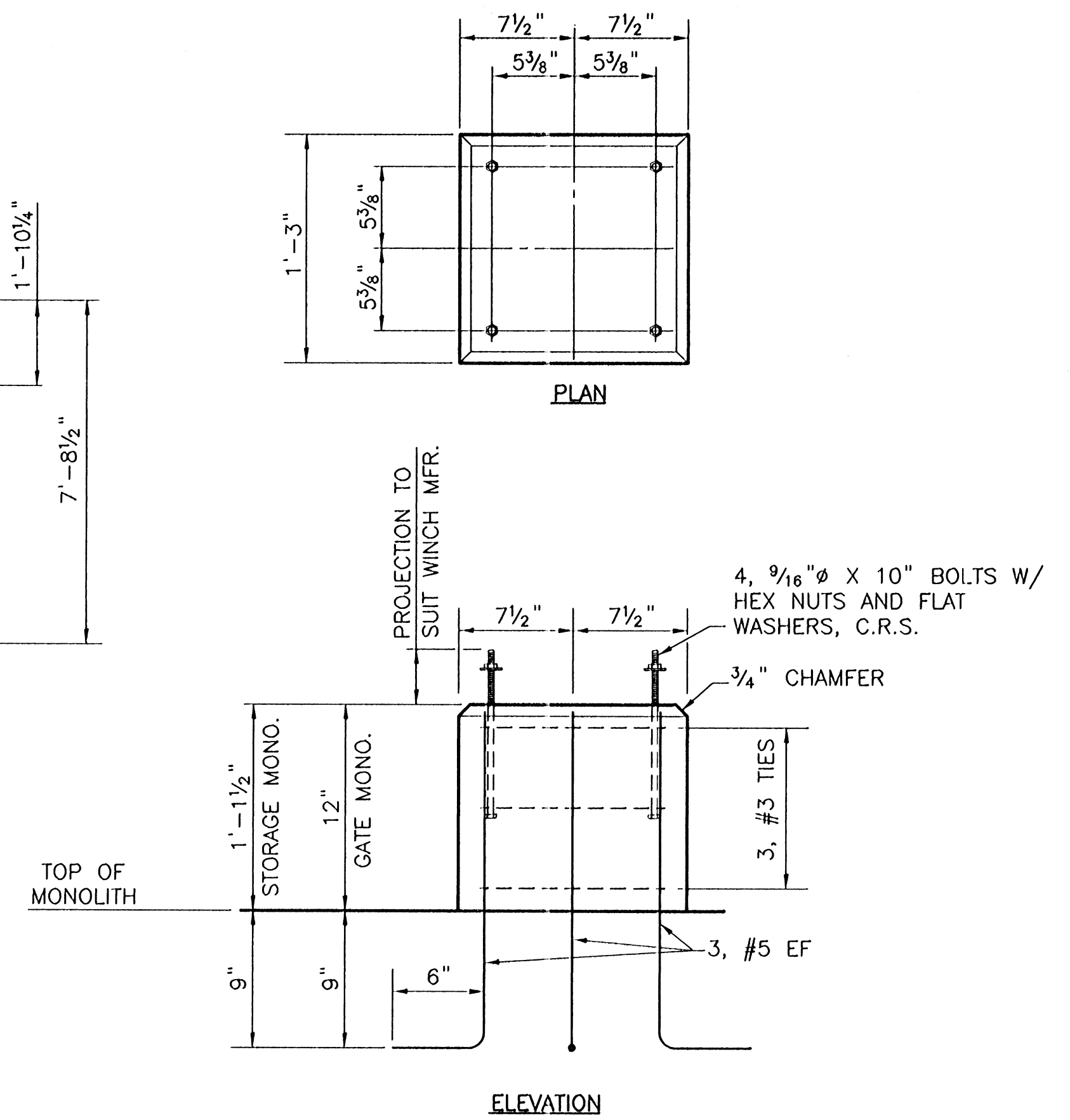
Jan 08, 1998 - 13:09:26 P&O FILE: G:\CAD\ACAD\504-006\PROJ-302\STRUCT\C8SMDET1 [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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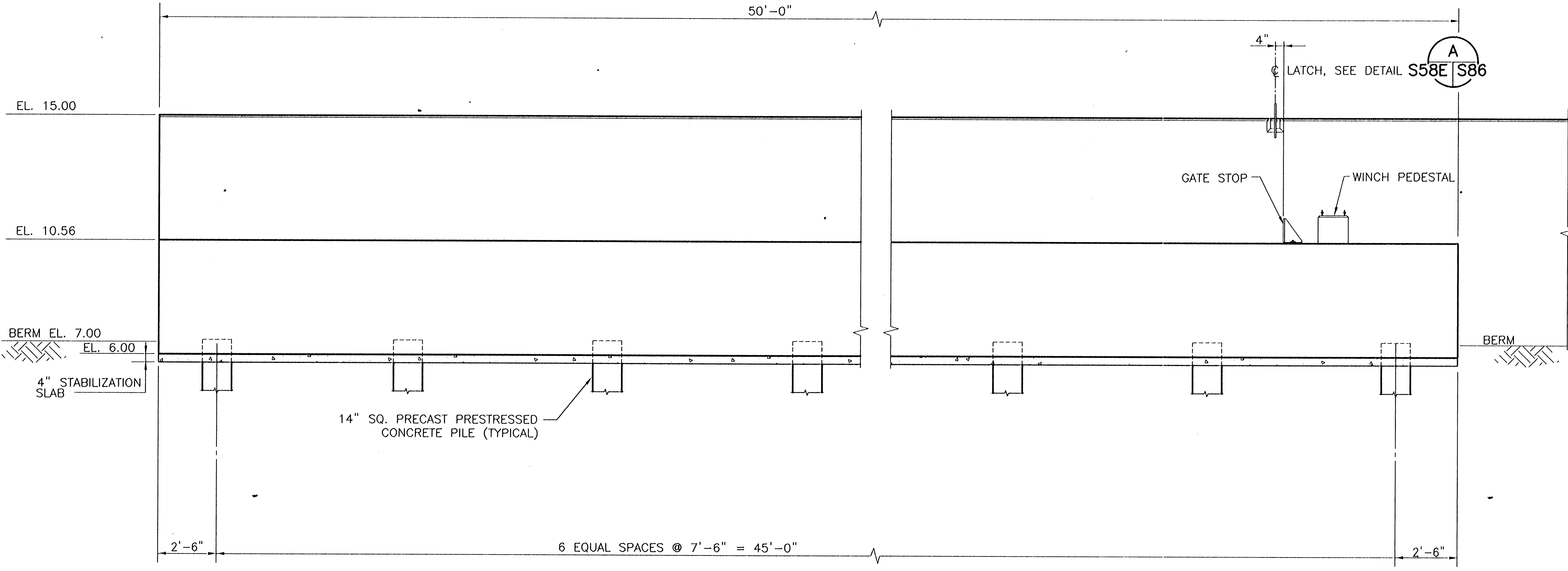
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	116



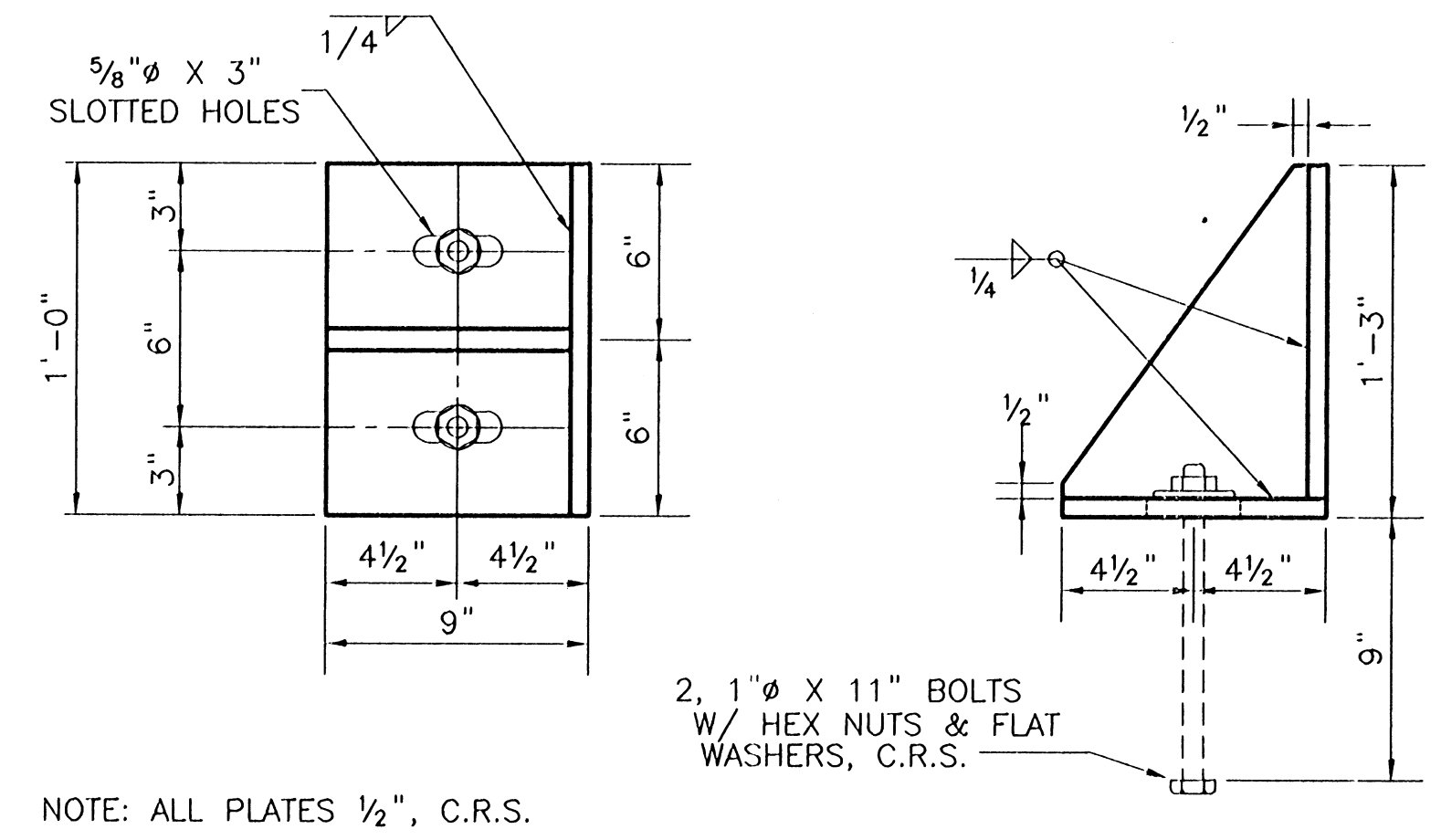
PLAN
SCALE: 3/8"=1'-0"



ELEVATION
WINCH PEDESTAL DETAIL
SCALE: 1 1/2"=1'-0"



FLOOD SIDE ELEVATION
SCALE: 3/8"=1'-0"



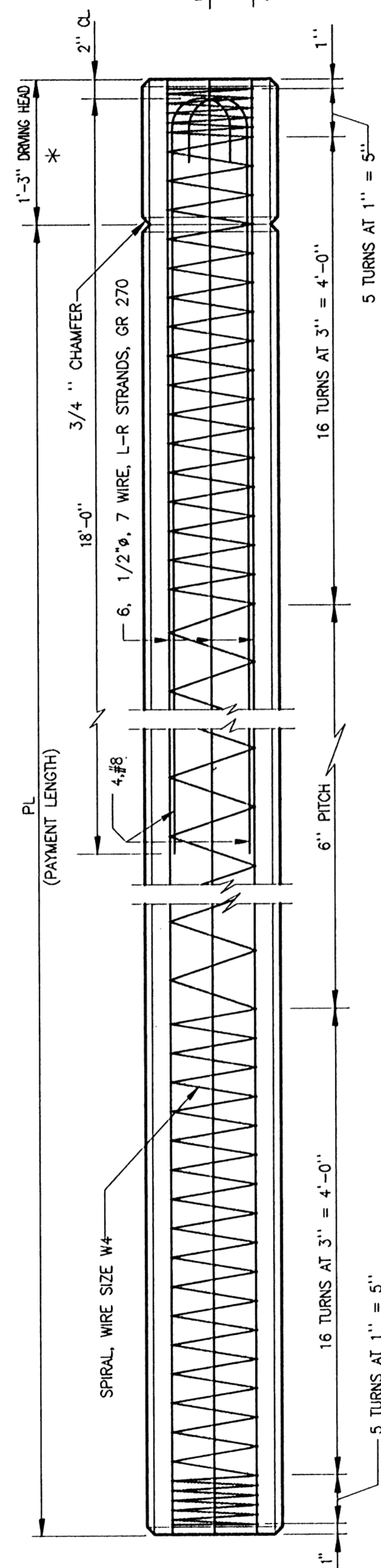
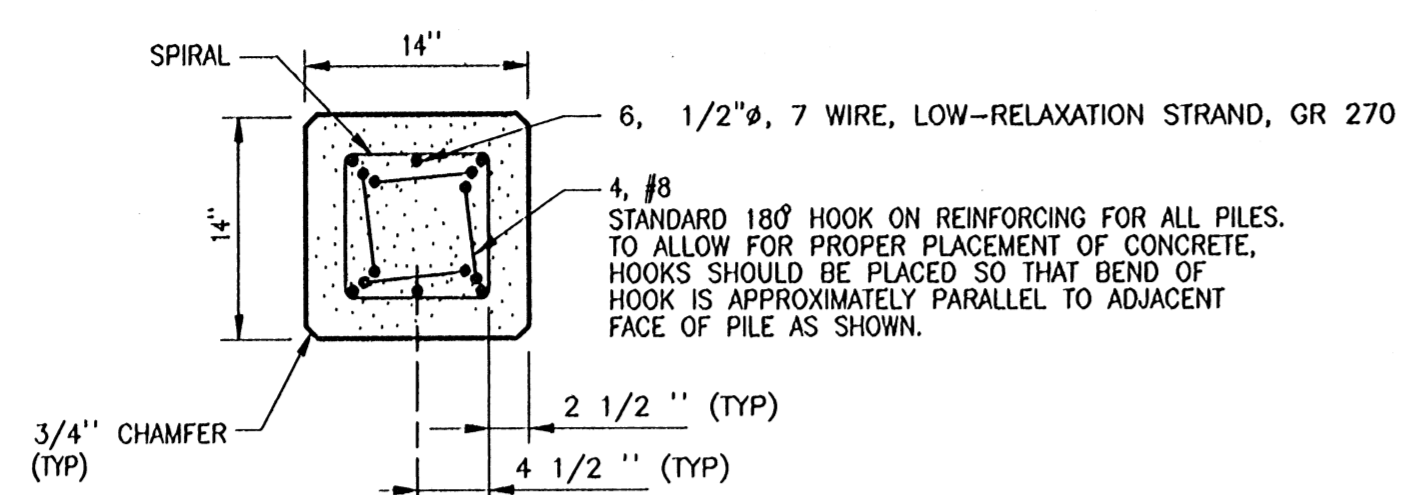
GATE STOP DETAIL
SCALE: 2"=1'-0"

Jan 08, 1998 - 13:11:07 P&G FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\DET-STR9 [Login: Deve]

REV. 7	BY	DATE	REV. 8	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 GATE NO. 9 STORAGE MONOLITH DETAILS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.F.H.</u> CHECKED <u>S.P.F.</u> APPROVED <u>B.S.G.</u>		DATE <u>JAN. 14, 1998</u> DRAWN <u>J.M.R.</u> SUBMITTED <u>B.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. DET-STR9		RECOMMENDED WILLIAM B. CHAMARTE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
Dwg. No. M11-7008-S58E		REC#000303	

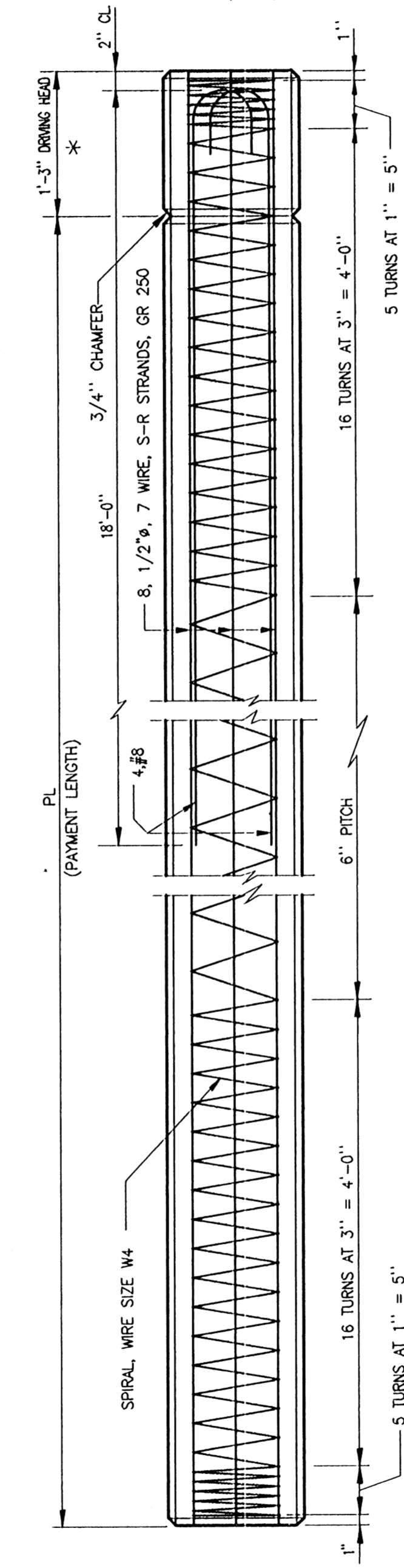
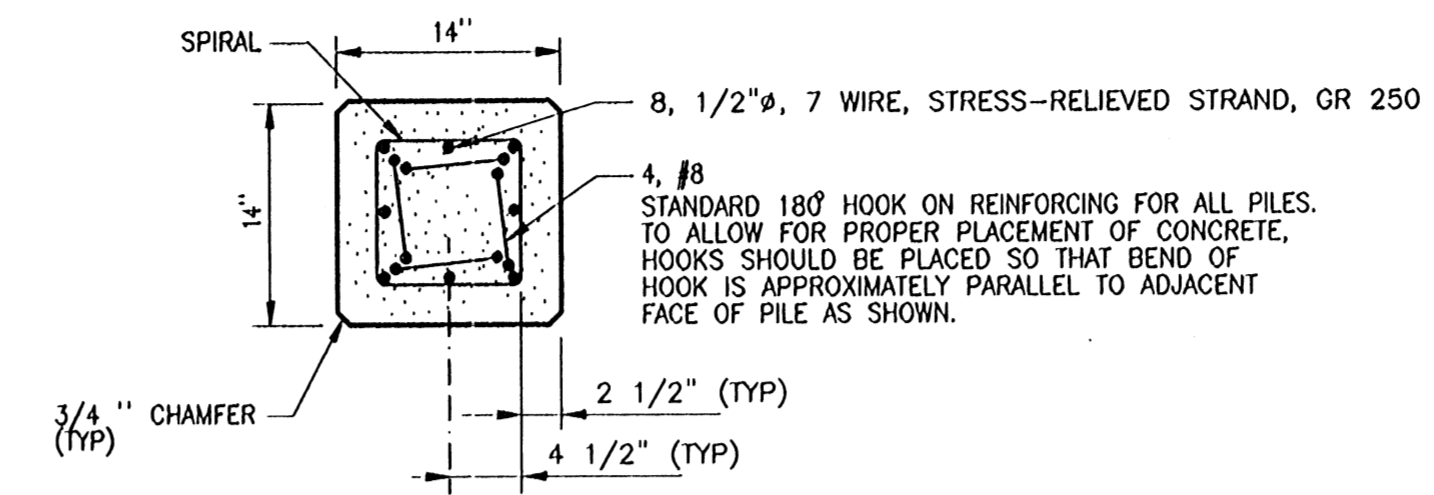
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	118



NOTE:
GRIND PRESTRESSED STRANDS FLUSH
WITH PILE HEAD AND PILE TIP.

**14" X 14"
PRESTRESSED PRECAST
CONCRETE PILE**

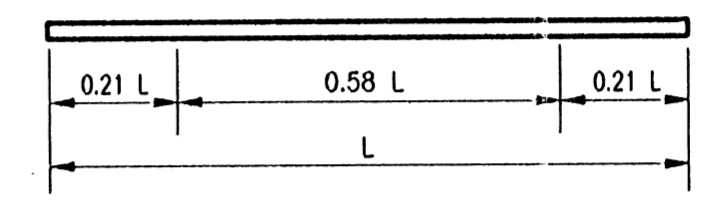
* DRIVING HEAD CONCRETE, STRANDS
AND SPIRAL TIES TO BE REMOVED
AFTER DRIVING TO EXPOSE HOOKS.
(NO PAYMENT)



NOTE:
GRIND PRESTRESSED STRANDS FLUSH
WITH PILE HEAD AND PILE TIP.

**14" X 14"
PRESTRESSED PRECAST
CONCRETE PILE**

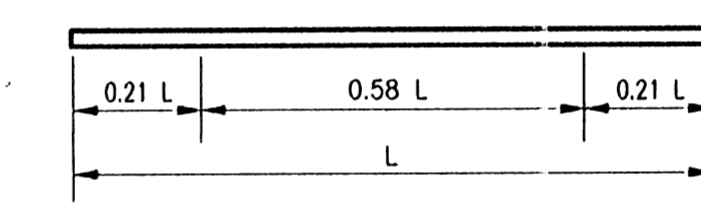
* DRIVING HEAD CONCRETE, STRANDS
AND SPIRAL TIES TO BE REMOVED
AFTER DRIVING TO EXPOSE HOOKS.
(NO PAYMENT)



2 POINT PICKUP (L ≤ 83') 14" X 14" PILE

NOTE: PICKUP POINTS TO BE PLAINLY MARKED ON PILES

STRESS RELIEVED STRAND PILES



2 POINT PICKUP (L ≤ 84') 14" X 14" PILE

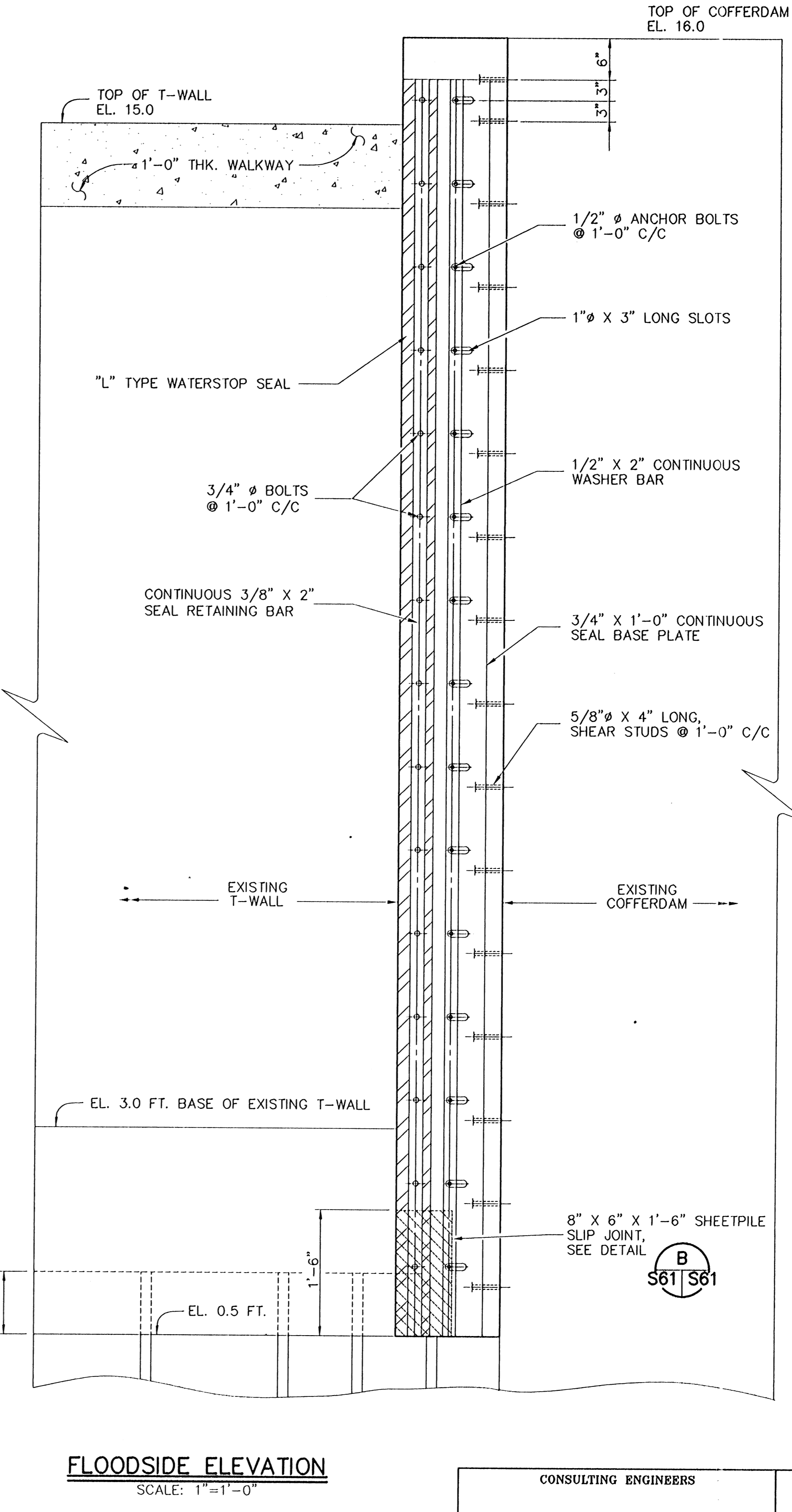
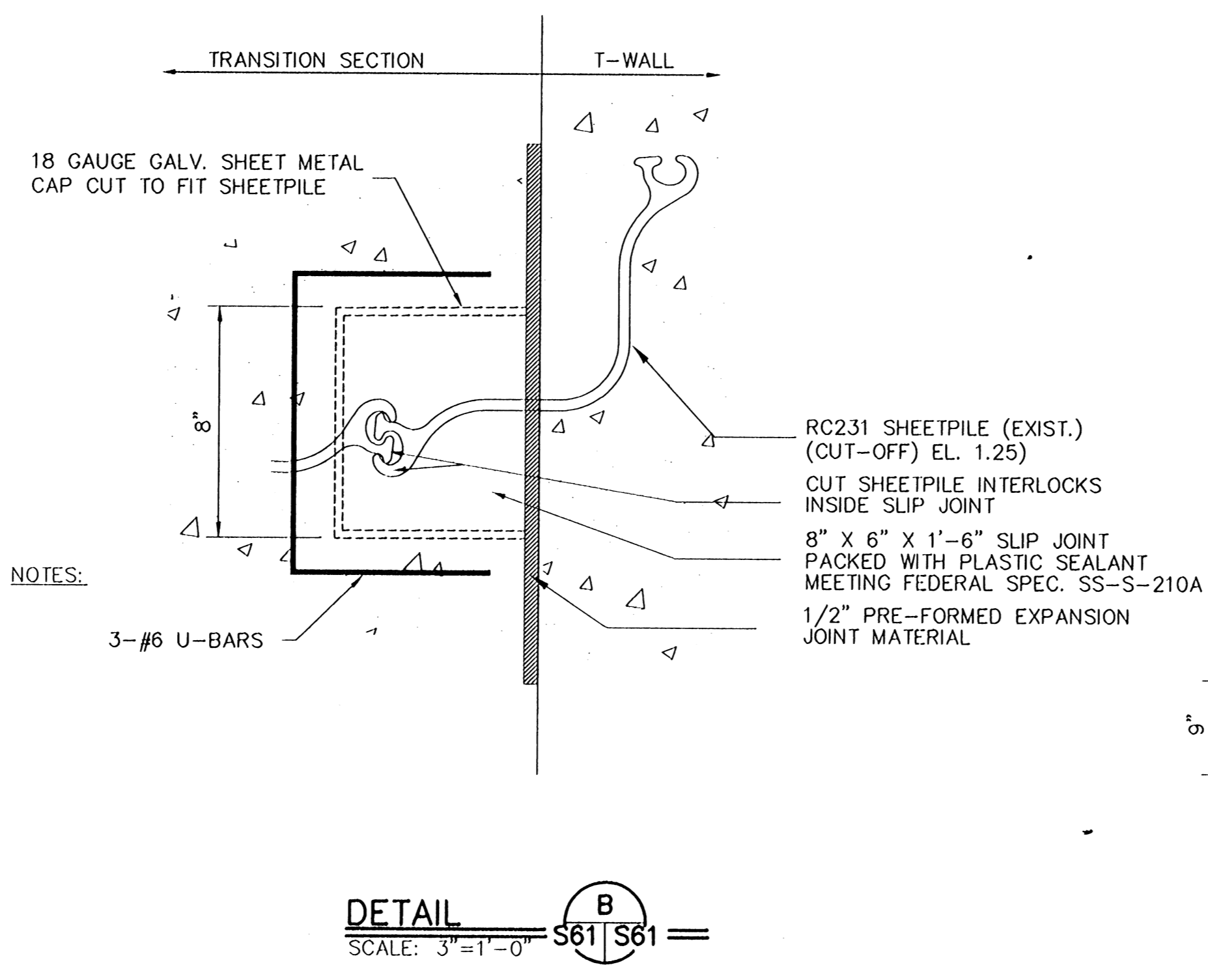
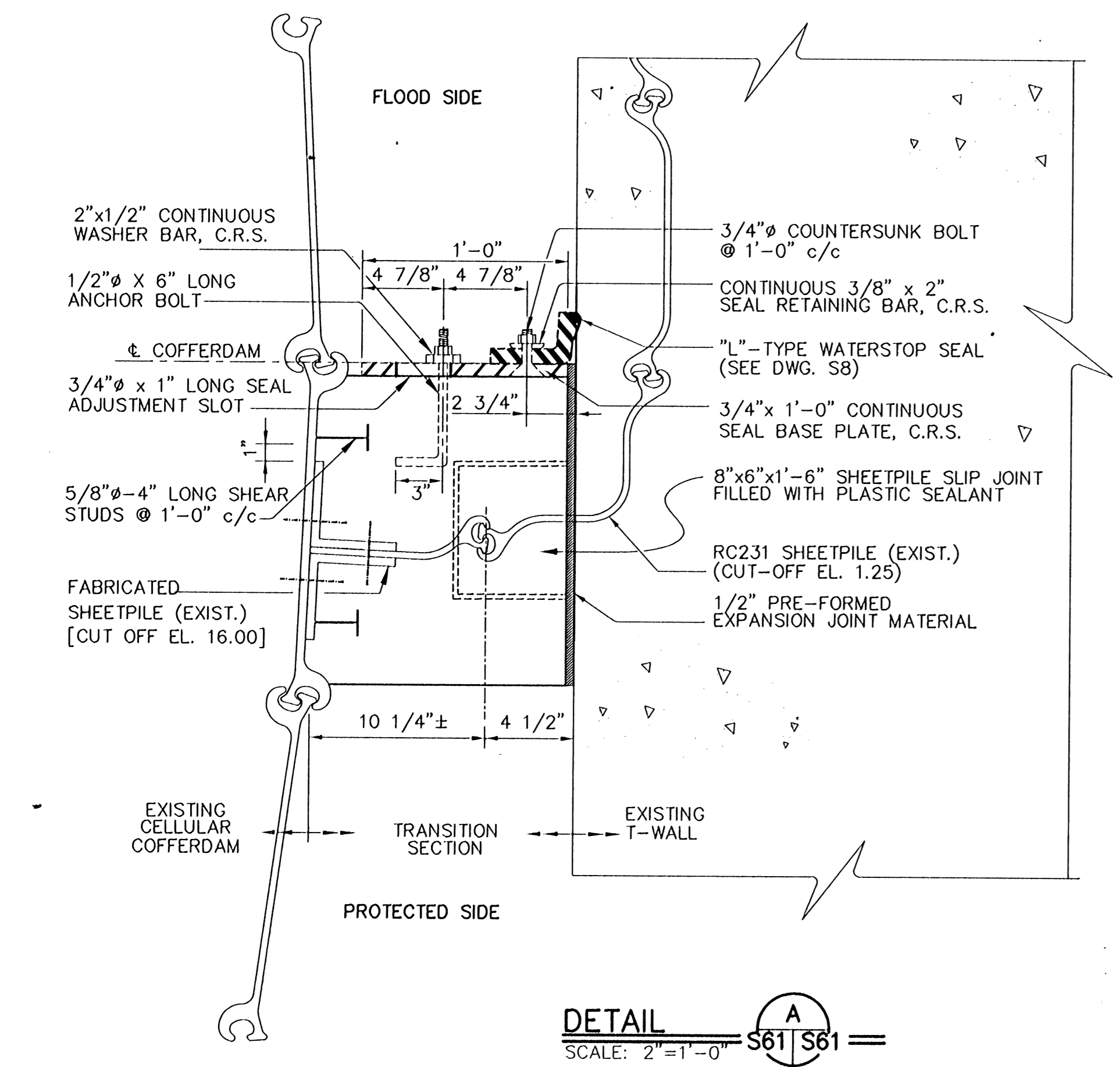
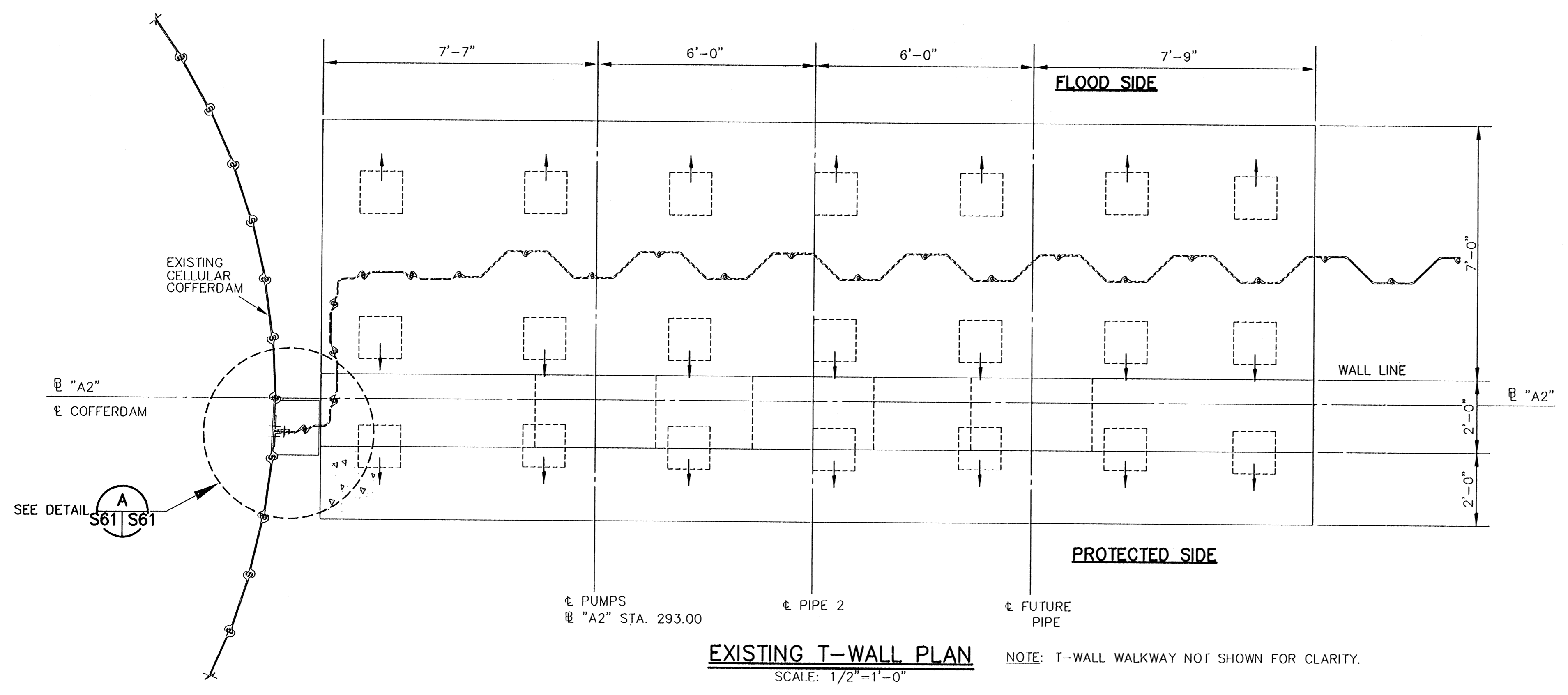
NOTE: PICKUP POINTS TO BE PLAINLY MARKED ON PILES

LOW-RELAXATION STRAND PILES

Jan 05, 1998 - 13:46:37; P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\005-5046 [Login: Dave]

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7			6			5			4			3			2		

CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36		PRECAST PILE DETAILS	
DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE: JAN. 14, 1998 DRAWN: J.M.R. SUBMITTED: R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. 005-S066		WILLIAM B. CROWARTIE, P.E. PROJECT ENGINEERING MANAGER	
DWG. NO. M11-7008-S60		REF000303	

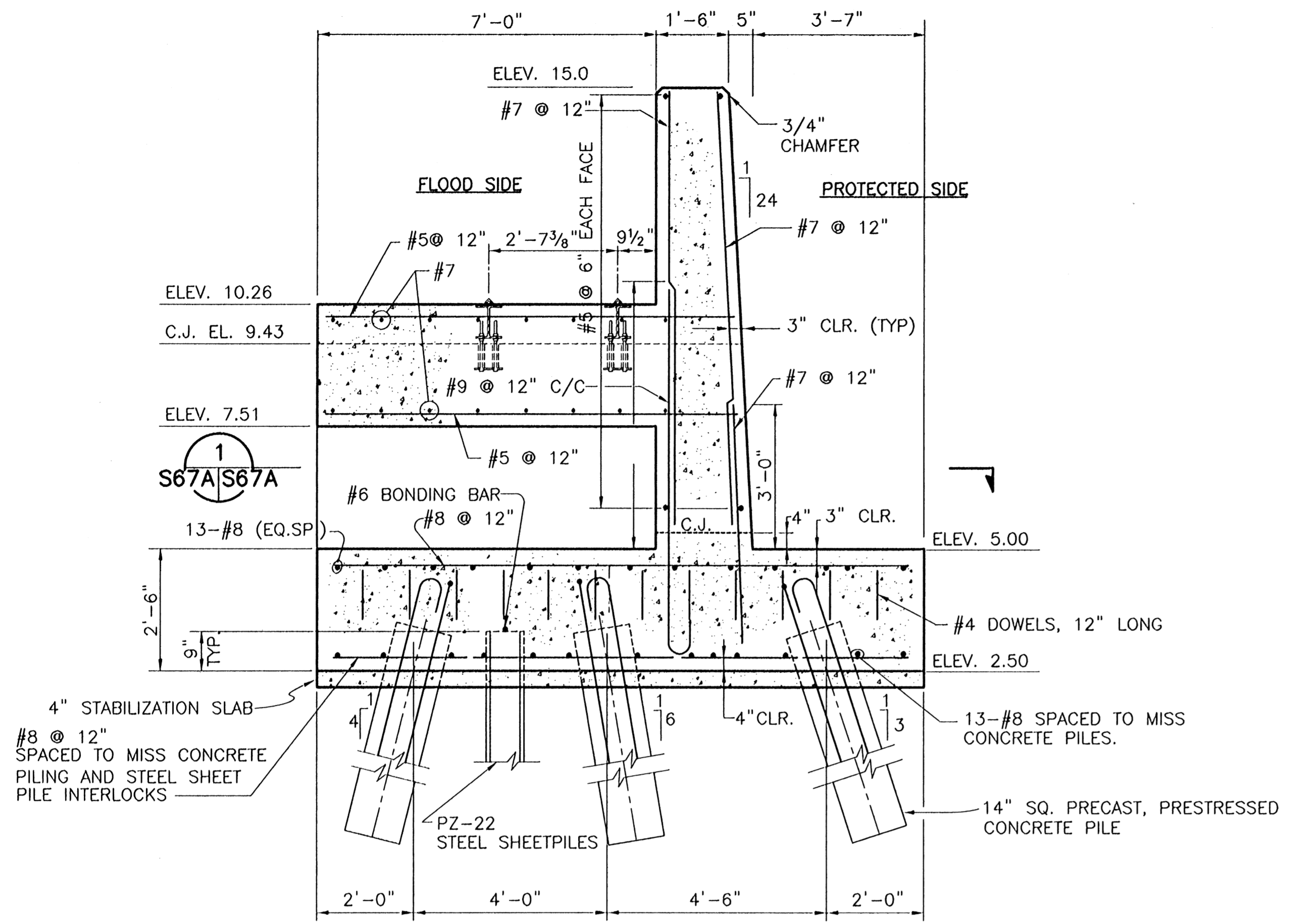


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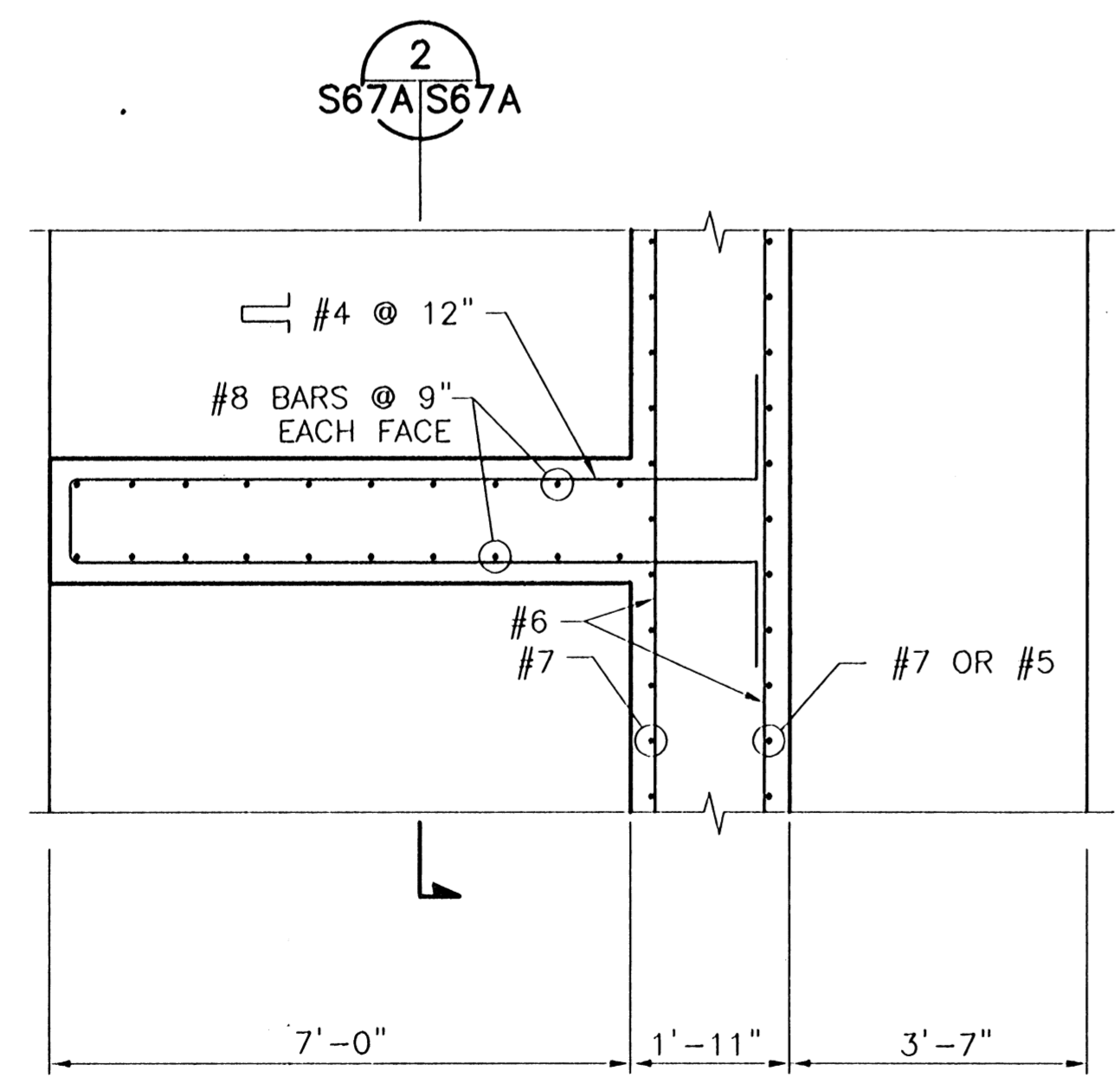
REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 T-WALL TO COFFERDAM CONNECTION @ P6	
DRAWN: H.L.K. DESIGNED: J.F.H. CHECKED: J.F.H. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: H.L.K. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE AS SHOWN IDENTIFICATION NO. 005-S02B	
		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S61		REVISIONS	

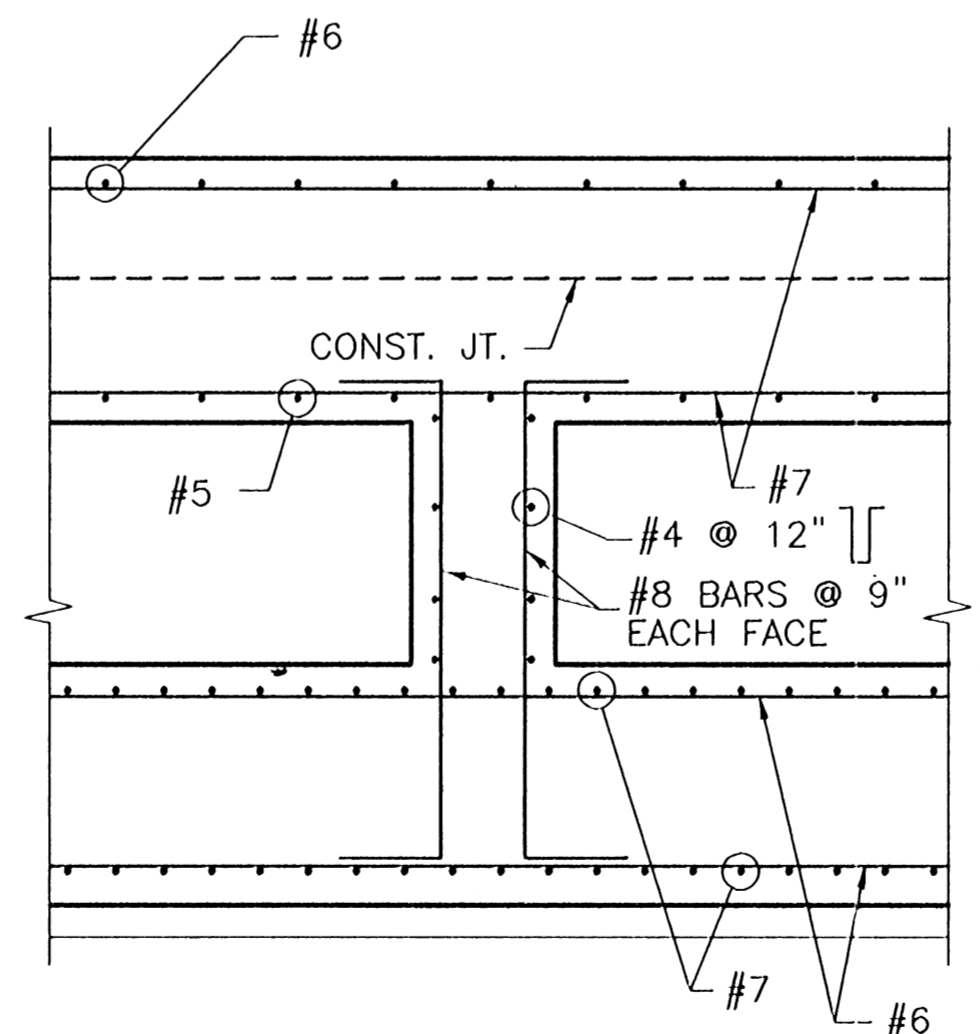
STATE PROJECT	PARISH	SHEET. NO.
576-36-0005	ORLEANS	120



SECTION 1 S67A/S67A
SCALE: 1/2" = 1'-0"



SECTION 2 S67A/S67A
SCALE: 1/2" = 1'-0"



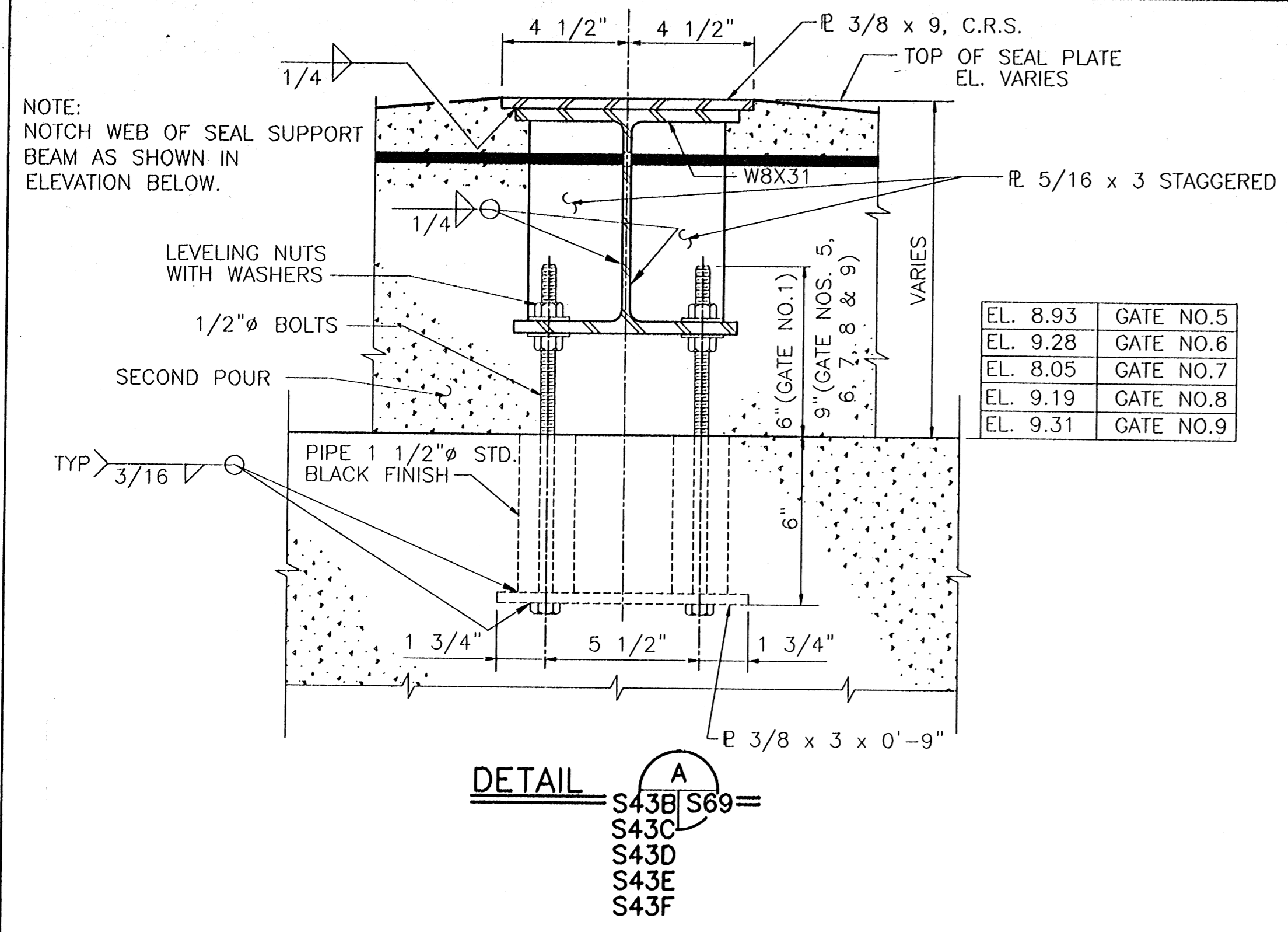
SECTION 3 S67A/S67A
SCALE: 1/2" = 1'-0"

.: Jan 08, 1998 - 1:32:16: P&O FILE: G:\CAD\ACAD\504-008\PROJ-303\STRUCT\MONO38 [Login: Dave]

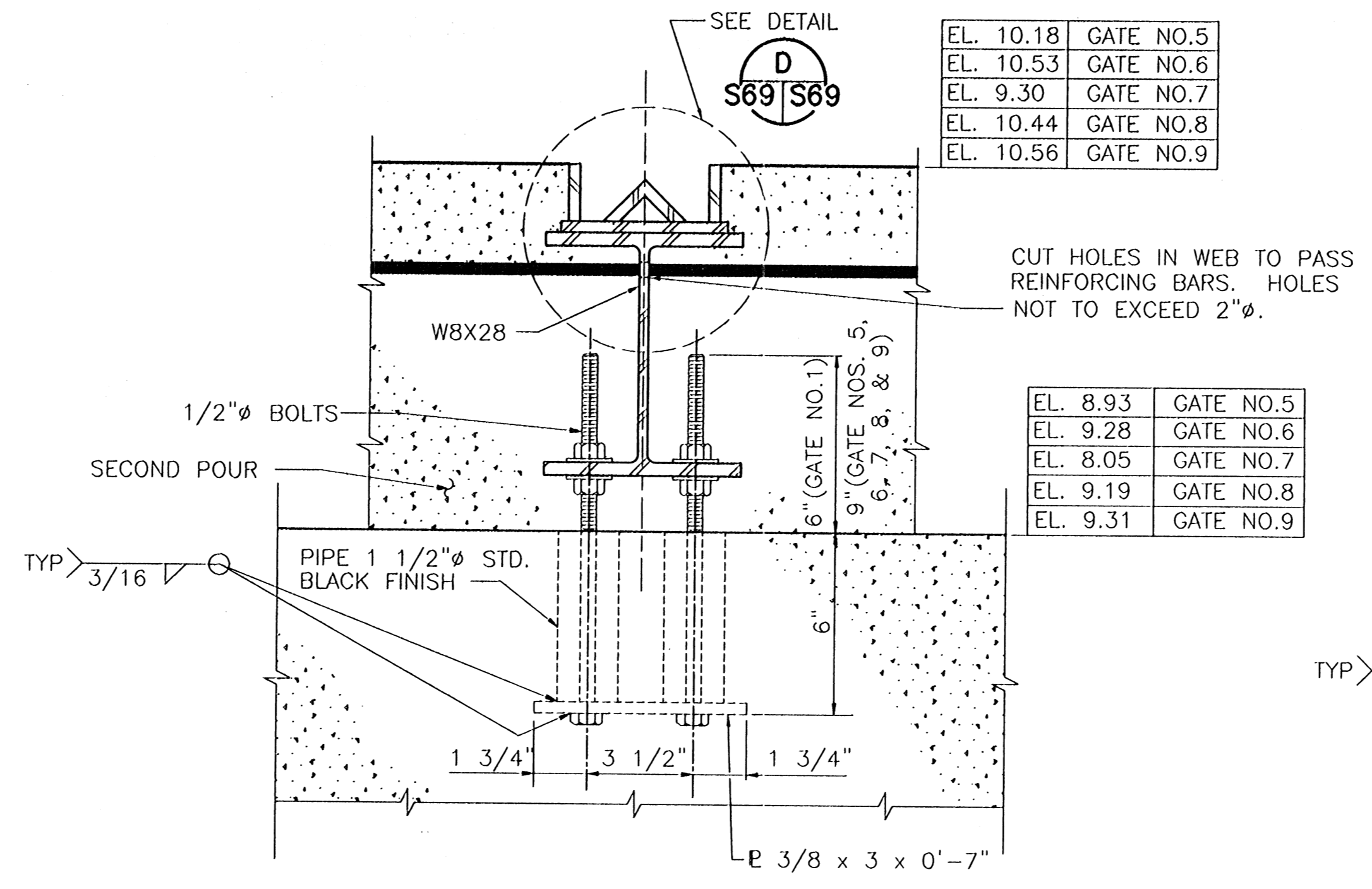
REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL--SOUTH STA. 35+13.01 TO STA. 98+62.36 ROLLER GATE NO. 8 MONOLITH SECTIONS	
DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	DRAWN H.L.K. DATE JAN. 14, 1998	DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.	DRAWN H.L.K. DATE JAN. 14, 1998
IDENTIFICATION NO. MONO38		RECOMMENDED WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	
		RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S67A		REOF000303	

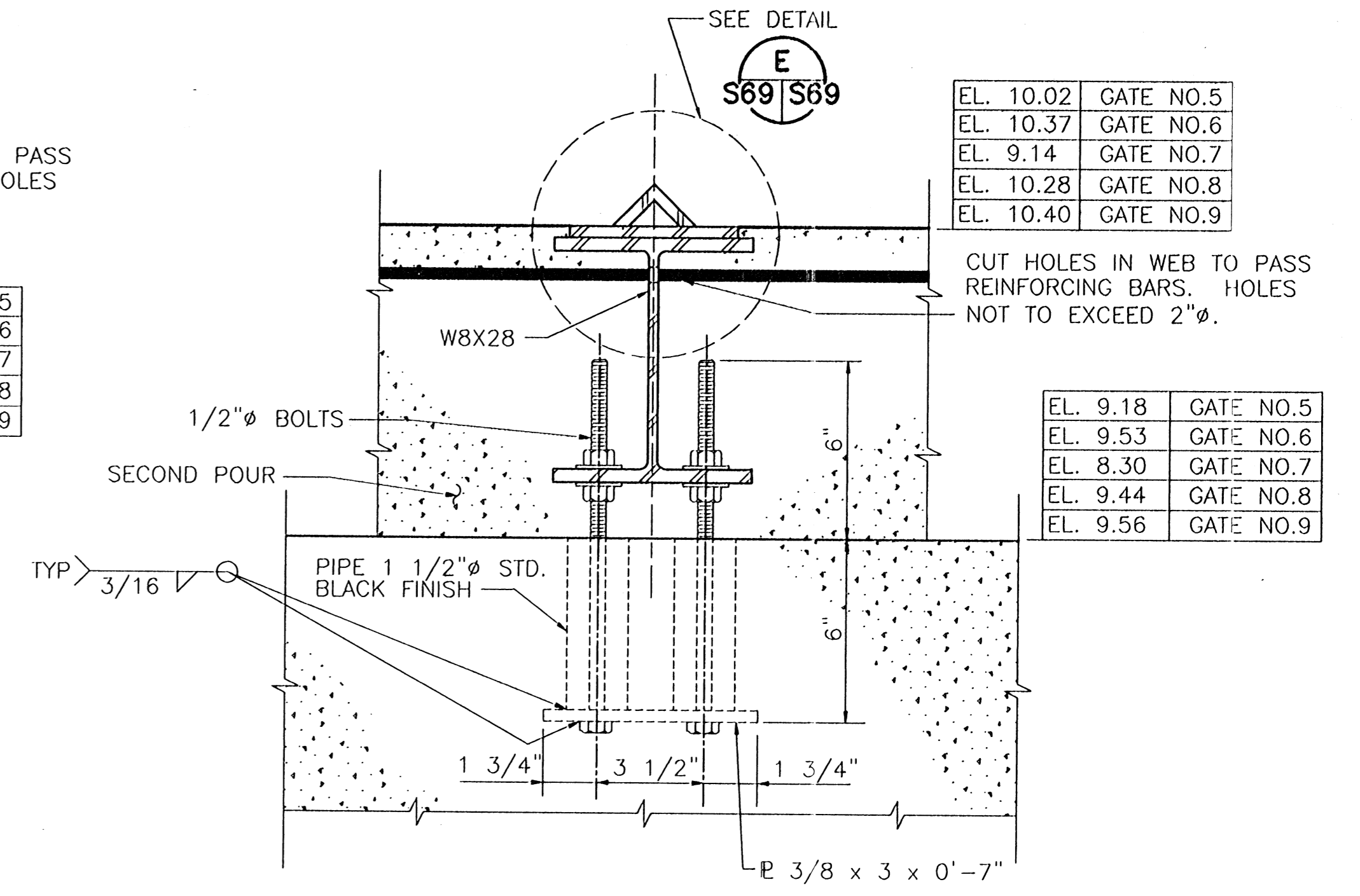
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	121



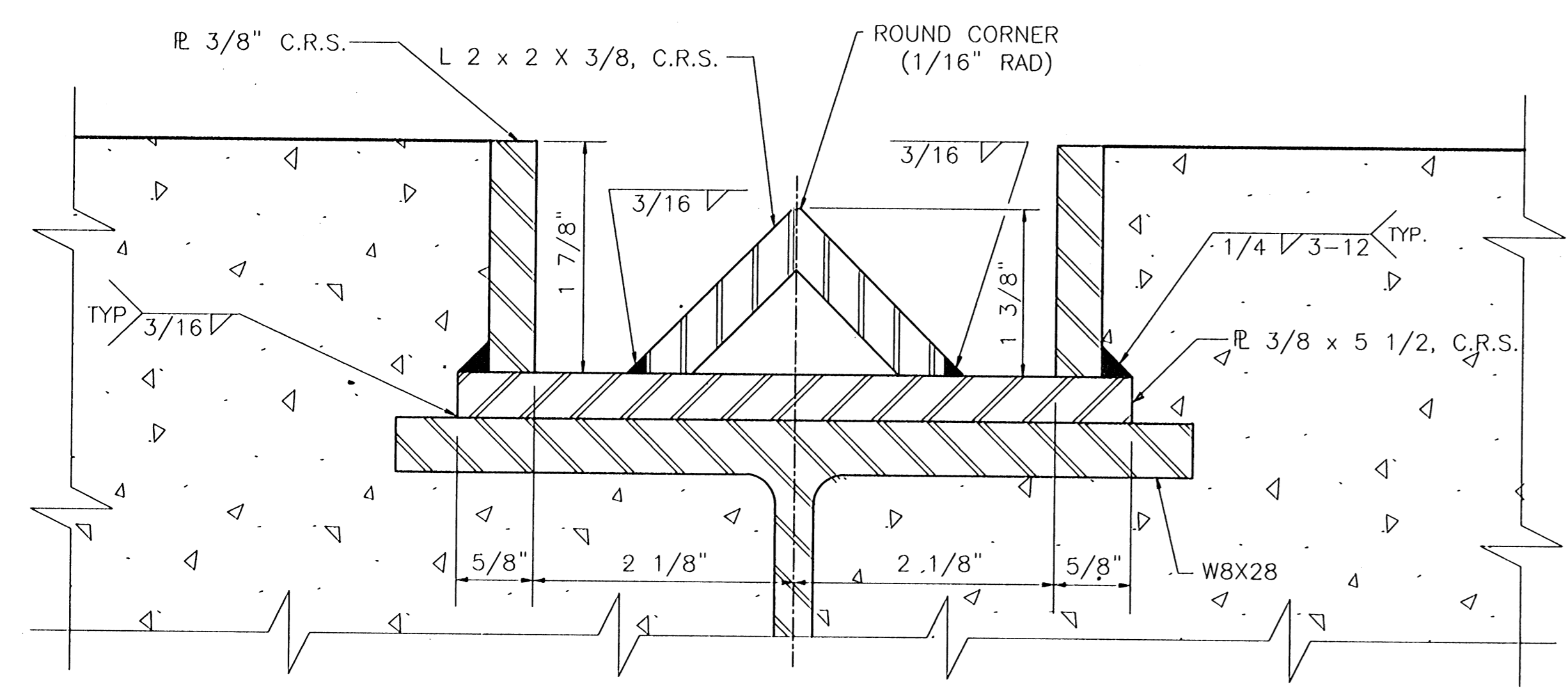
TYPICAL SECTION THRU SEAL PLATE AND SUPPORT BEAM
SCALE: 3"=1'-0"



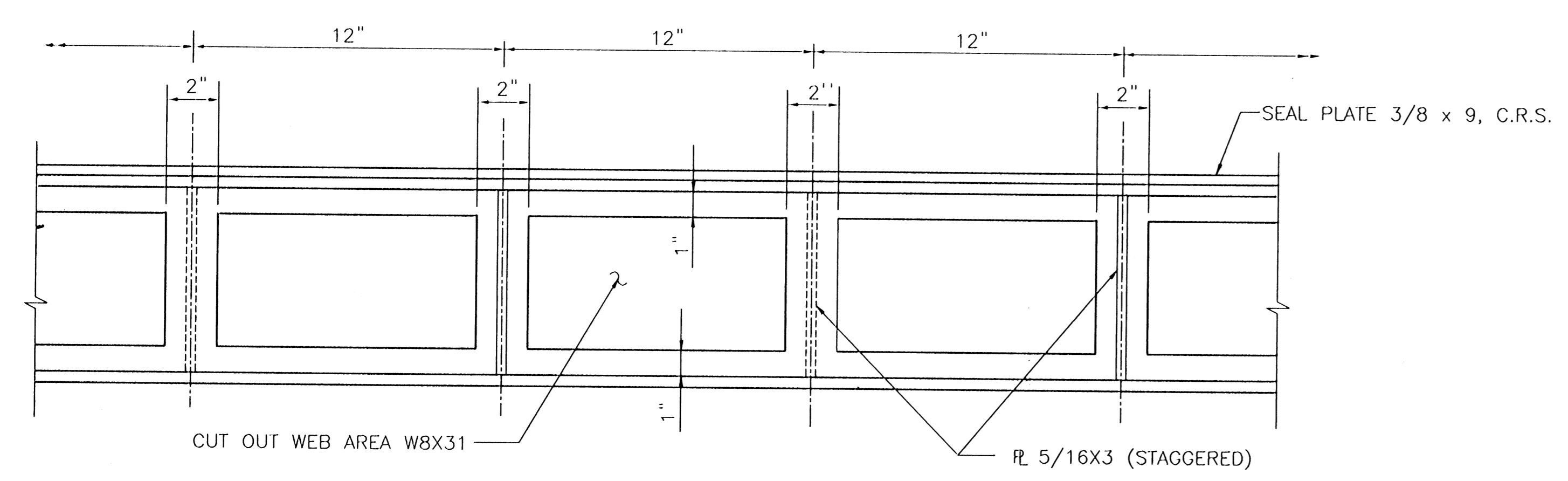
SECTION THRU TRACK AND SUPPORT IN GATE MONOLITH
SCALE: 3"=1'-0"



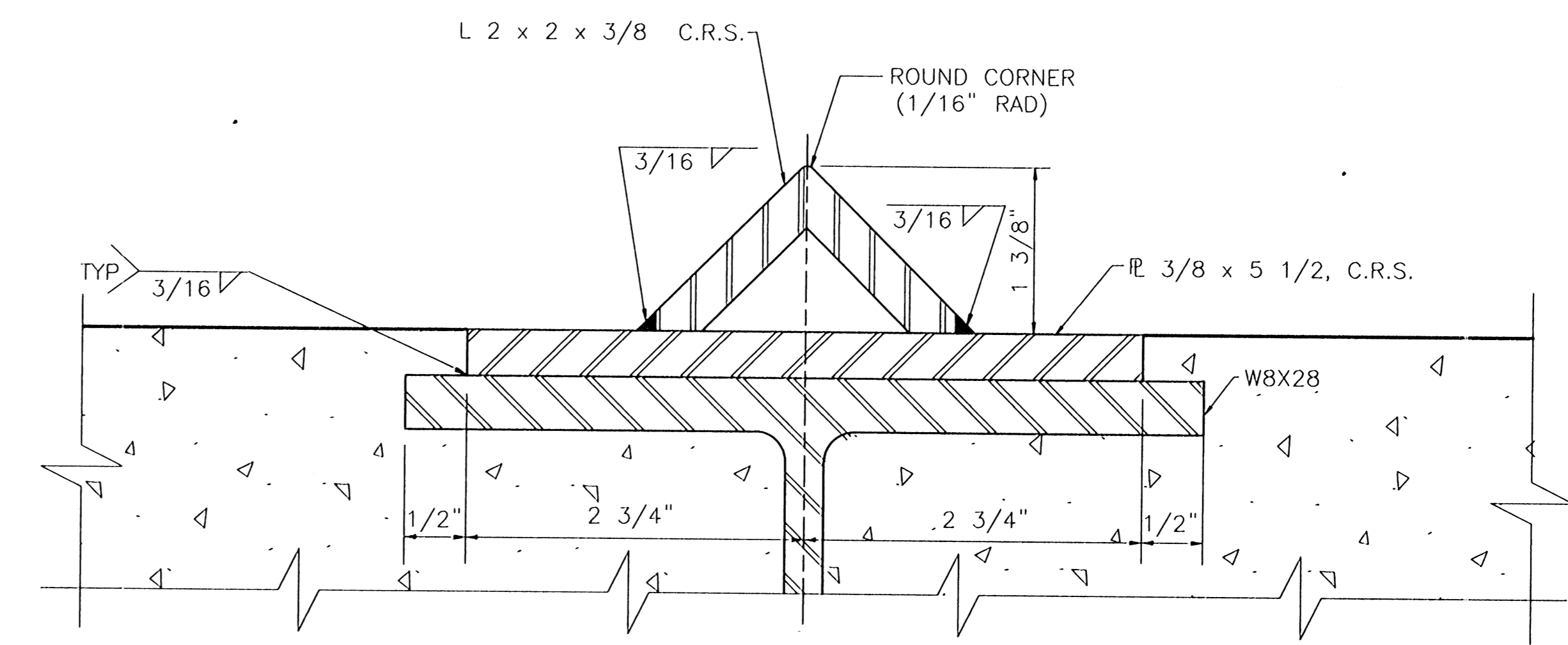
SECTION THRU TRACK AND SUPPORT IN STORAGE MONOLITH
SCALE: 3"=1'-0"



DETAIL D
SCALE: 12"=1'-0"



ELEVATION OF SEAL SUPPORT BEAM
SCALE: 3"=1'-0"

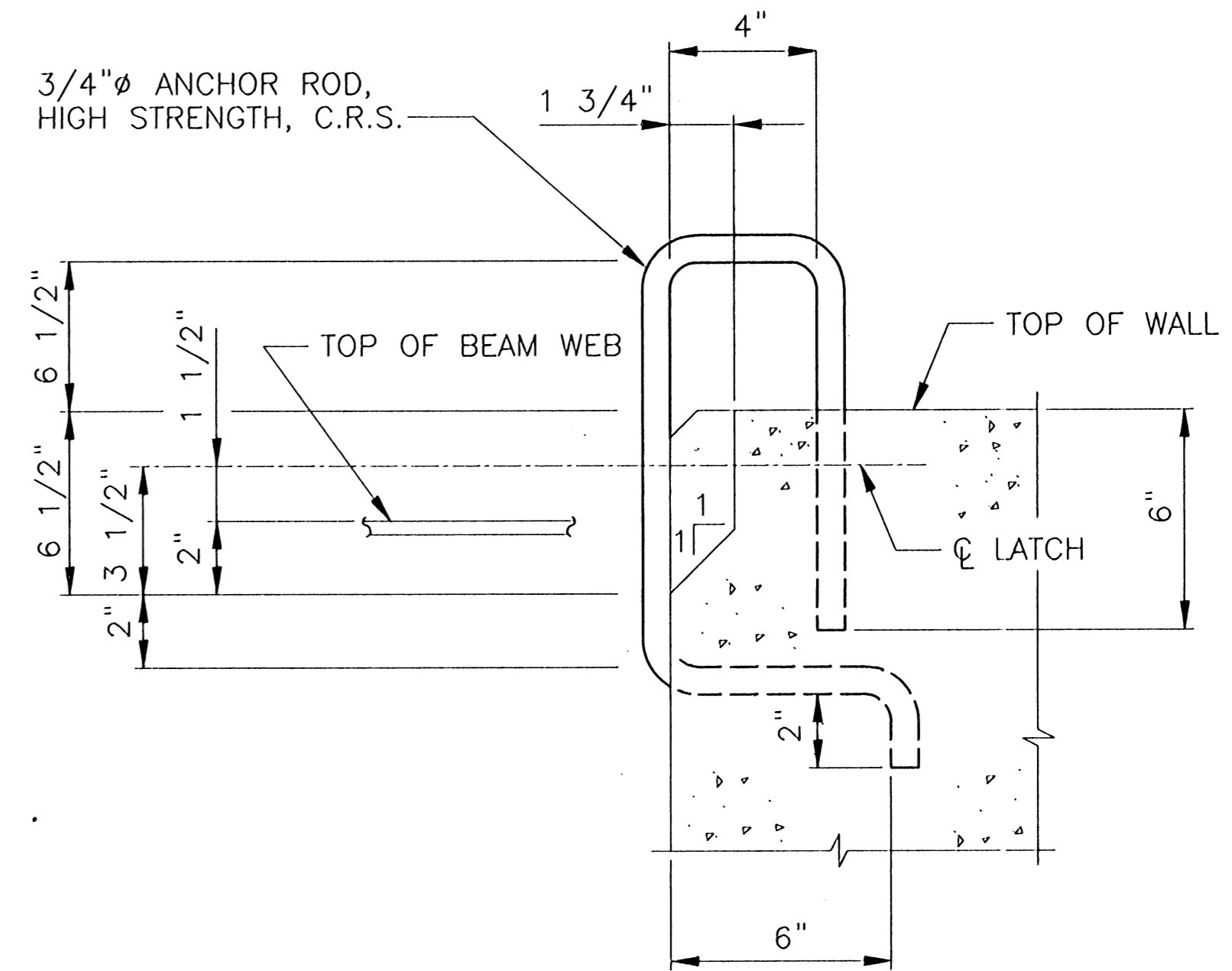
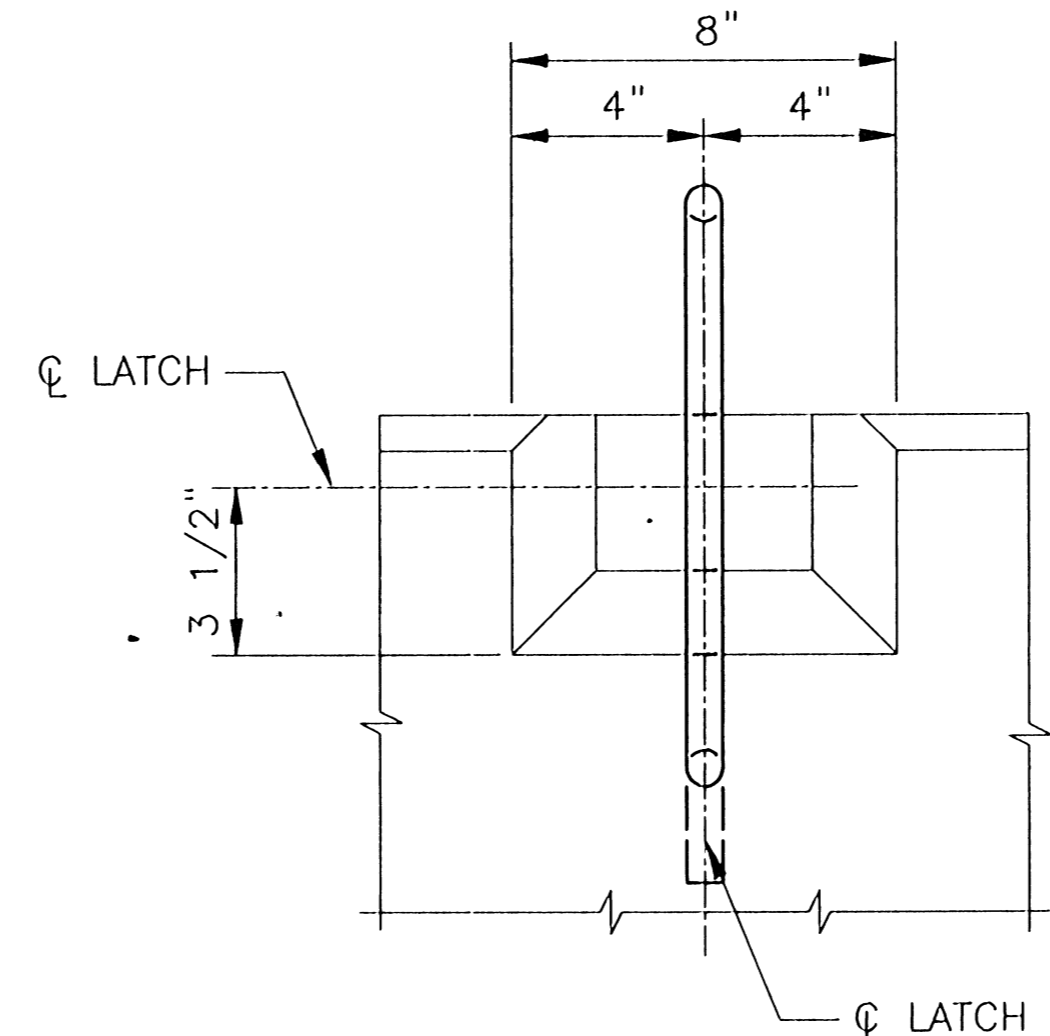
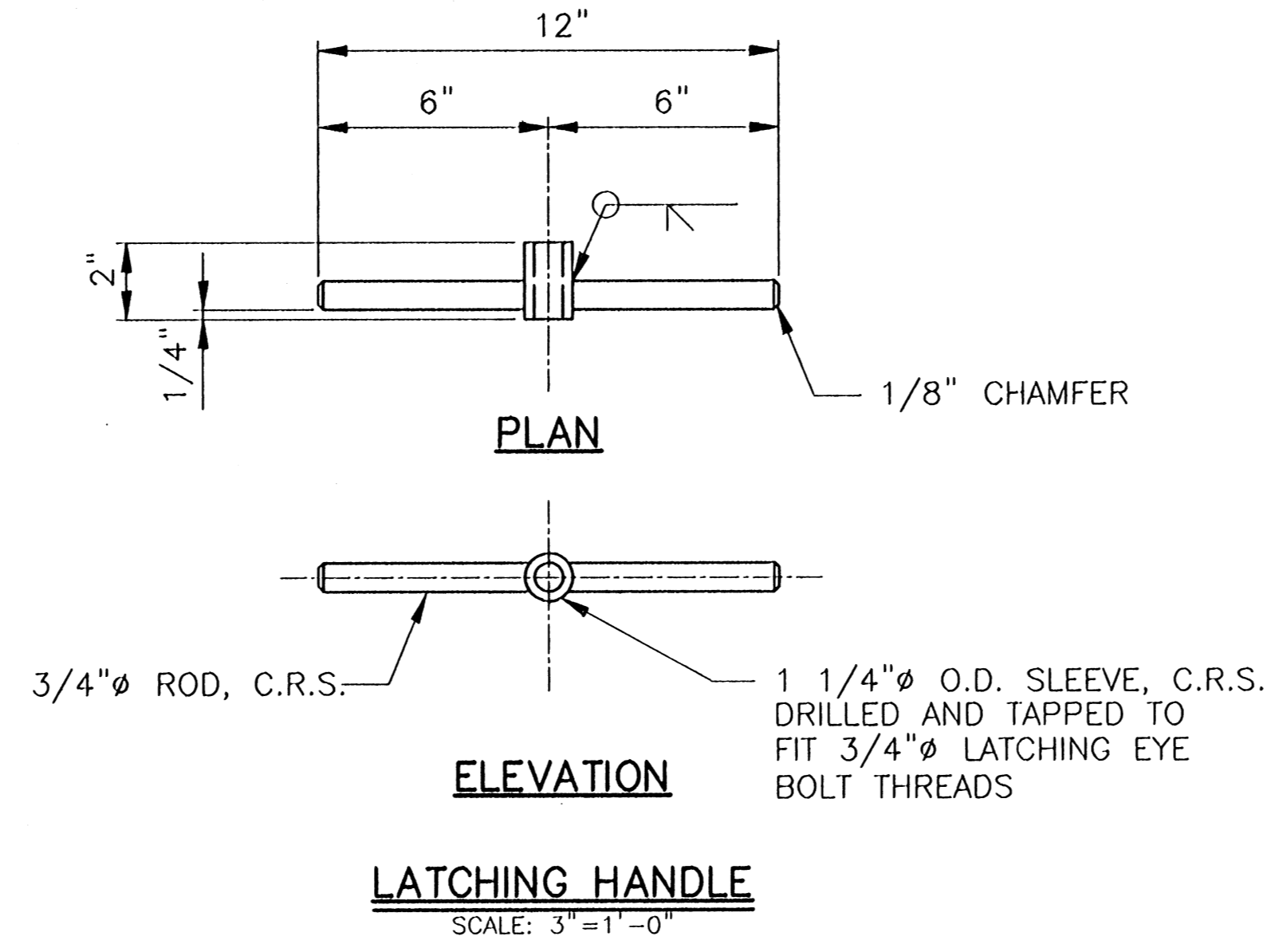
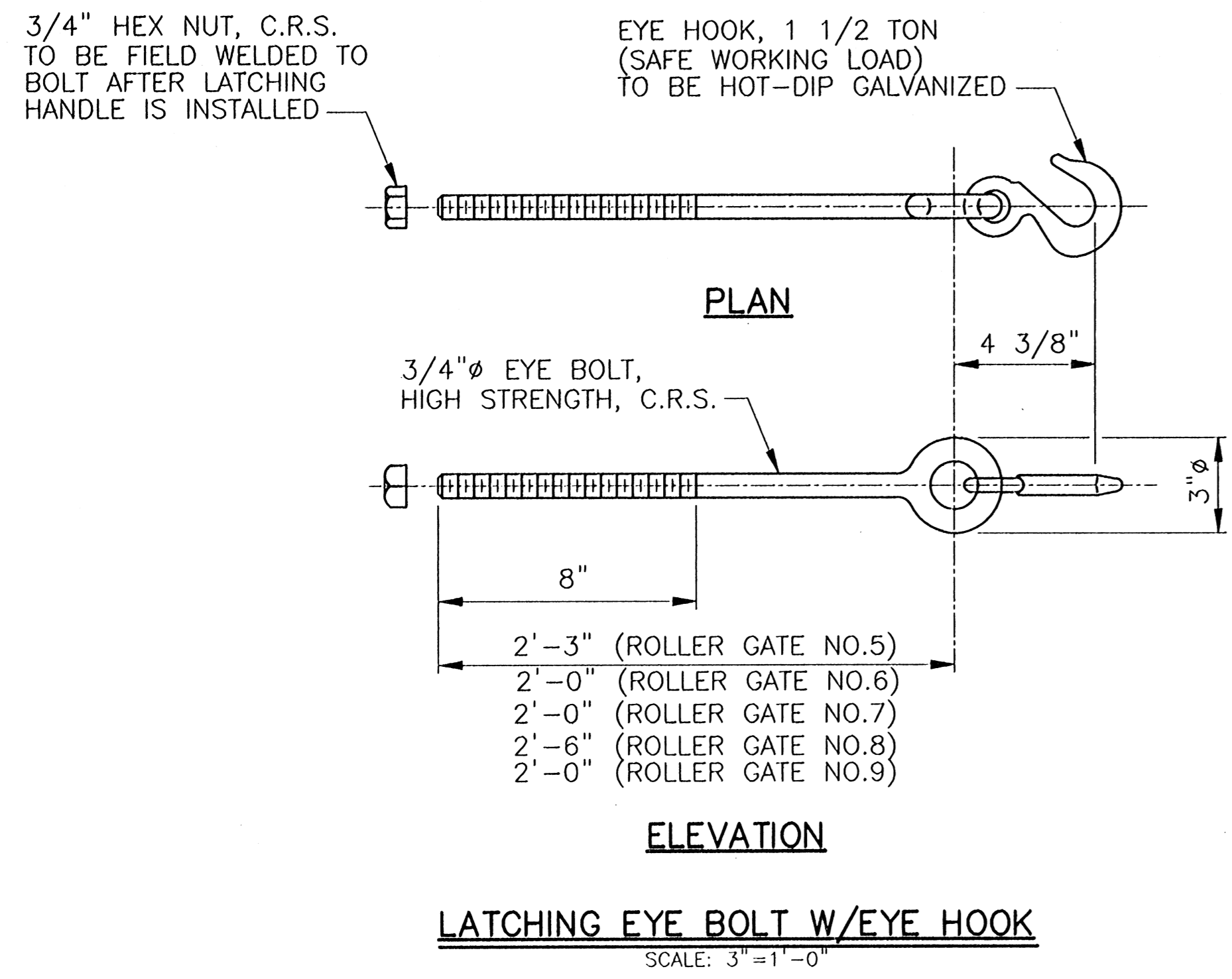


DETAIL E
SCALE: 12"=1'-0"

Jan 08, 1998 - 13:34:36 P&O FILE: C:\CAD\ACAD\504-006\PROJ-303\STRUCT\BRGTS [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+92.38 BOT. ROLLER GATE PLATE AND TRACK SUPPORT DETAILS	
DRAWN <u>J.M.R.</u> DESIGNED <u>J.E.H.</u> CHECKED <u>G.P.F.</u> APPROVED <u>R.S.G.</u>	SCALE AS SHOWN DATE <u>JAN. 14, 1998</u>	IDENTIFICATION NO. BRGTS	RECOMMENDED <u>WILLIAM B. CROMMIE, P.E.</u> PROJECT ENGINEERING MANAGER
		DRAWN <u>J.M.R.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	APPROVED <u>RYLE C. JONES, P.E.</u> DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-S69		REF0000303	

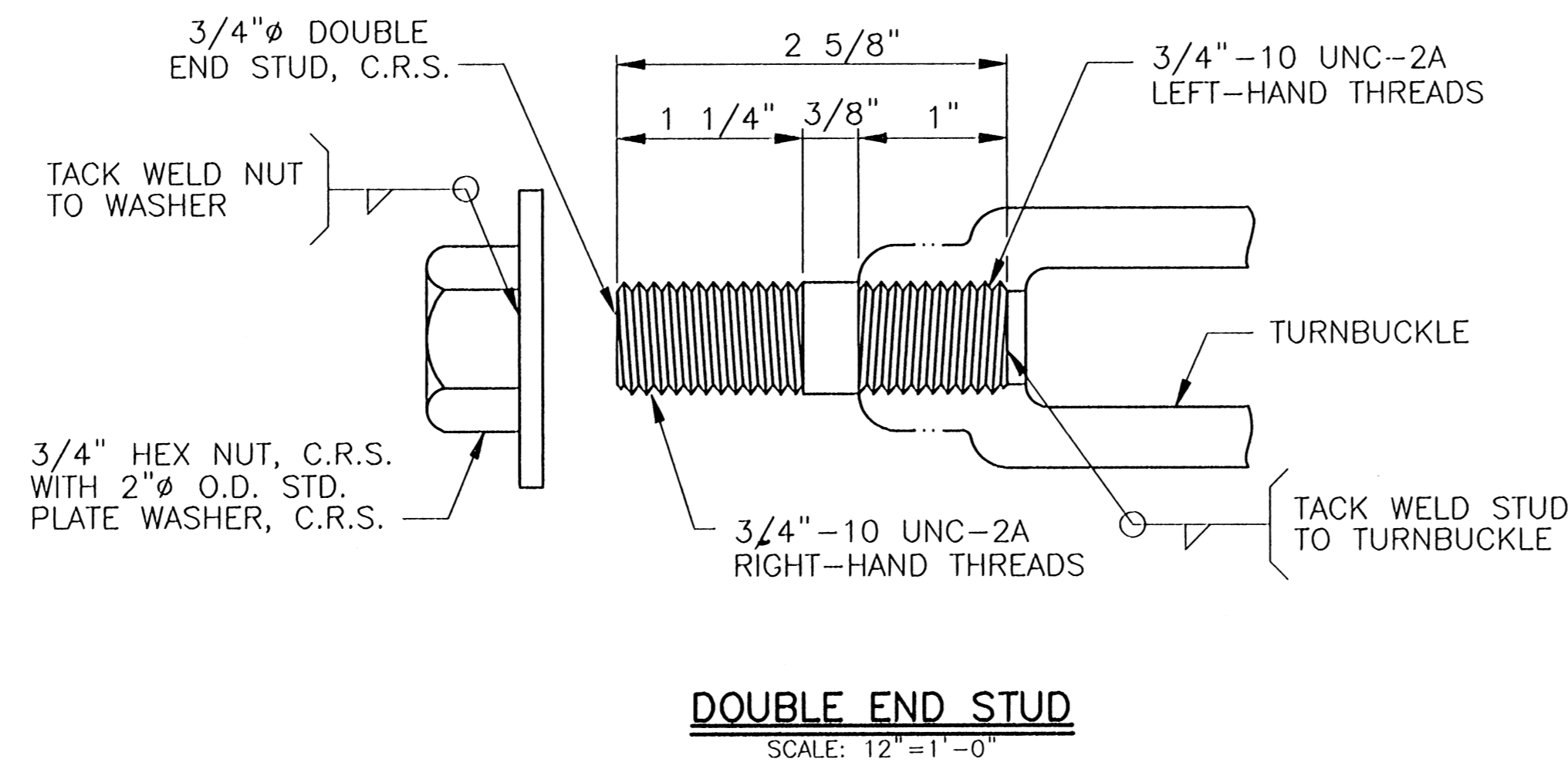
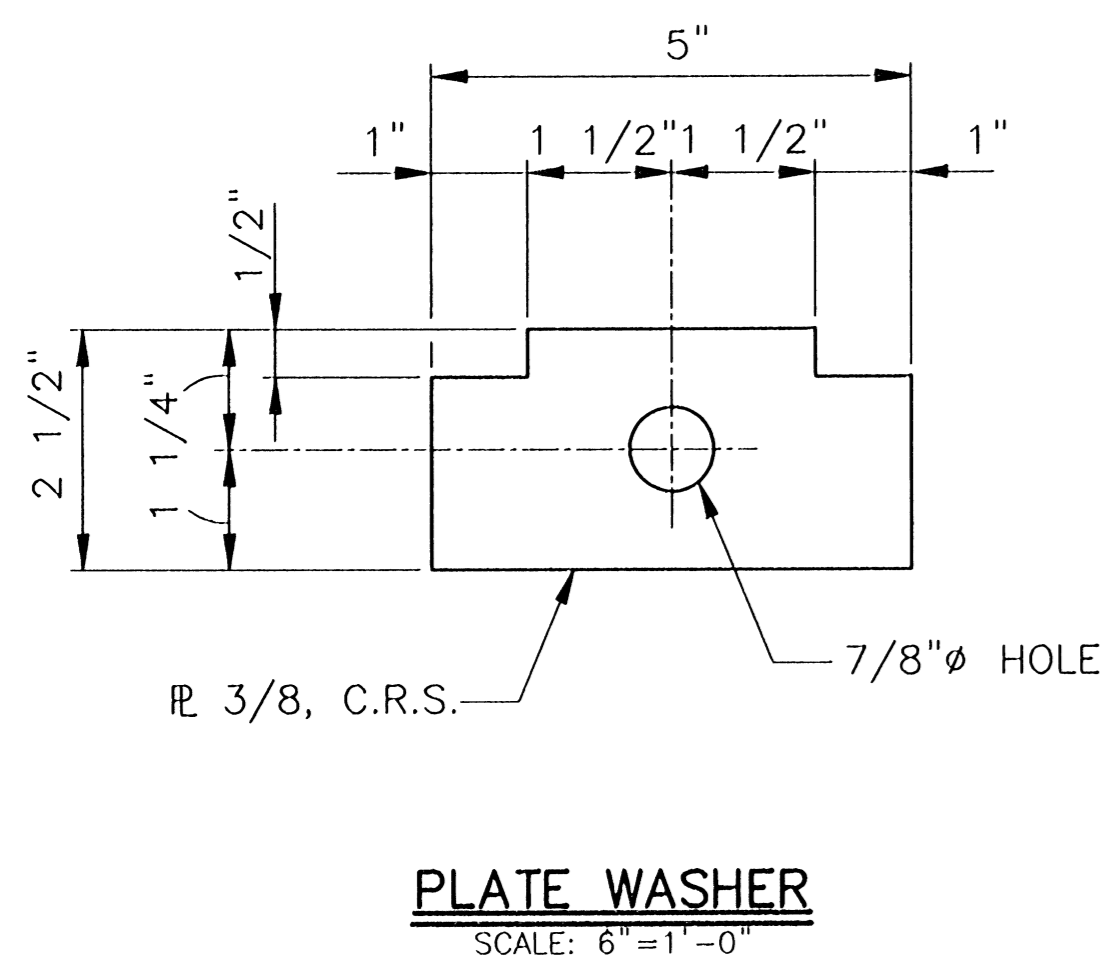


DETAIL
SCALE: 3"=1'-0"

A

S40 S86

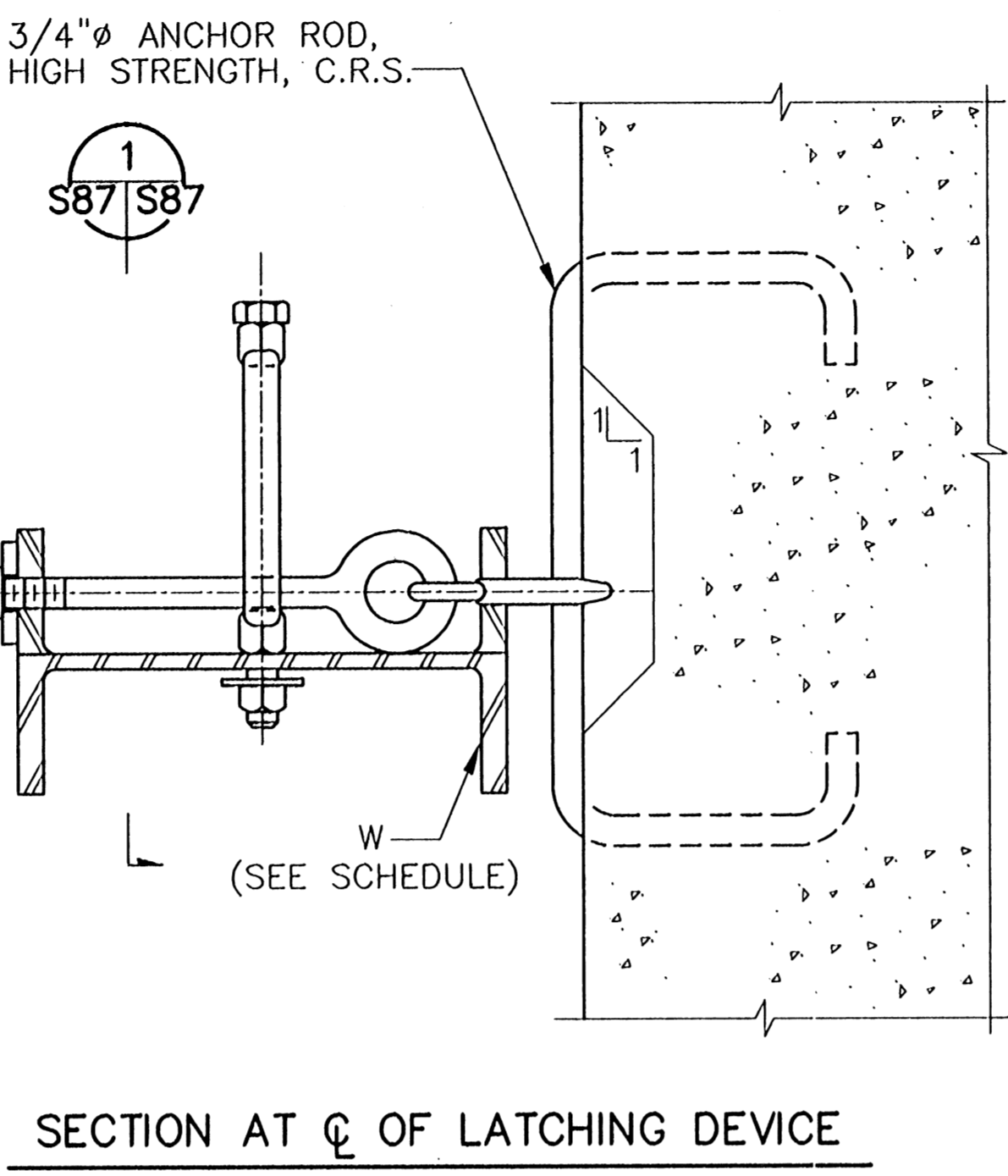
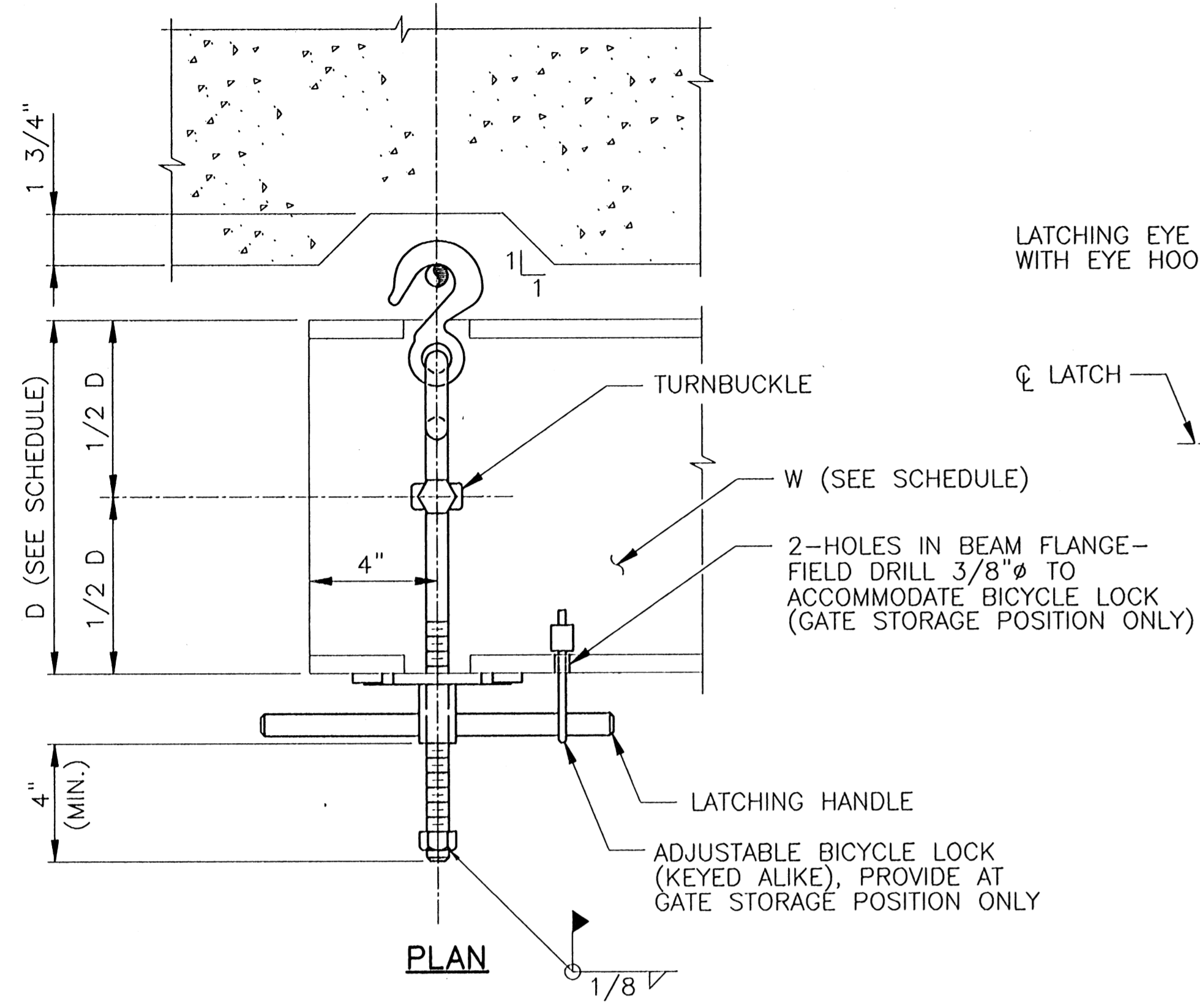
S540A
S558B
S558C
S558D
S58E



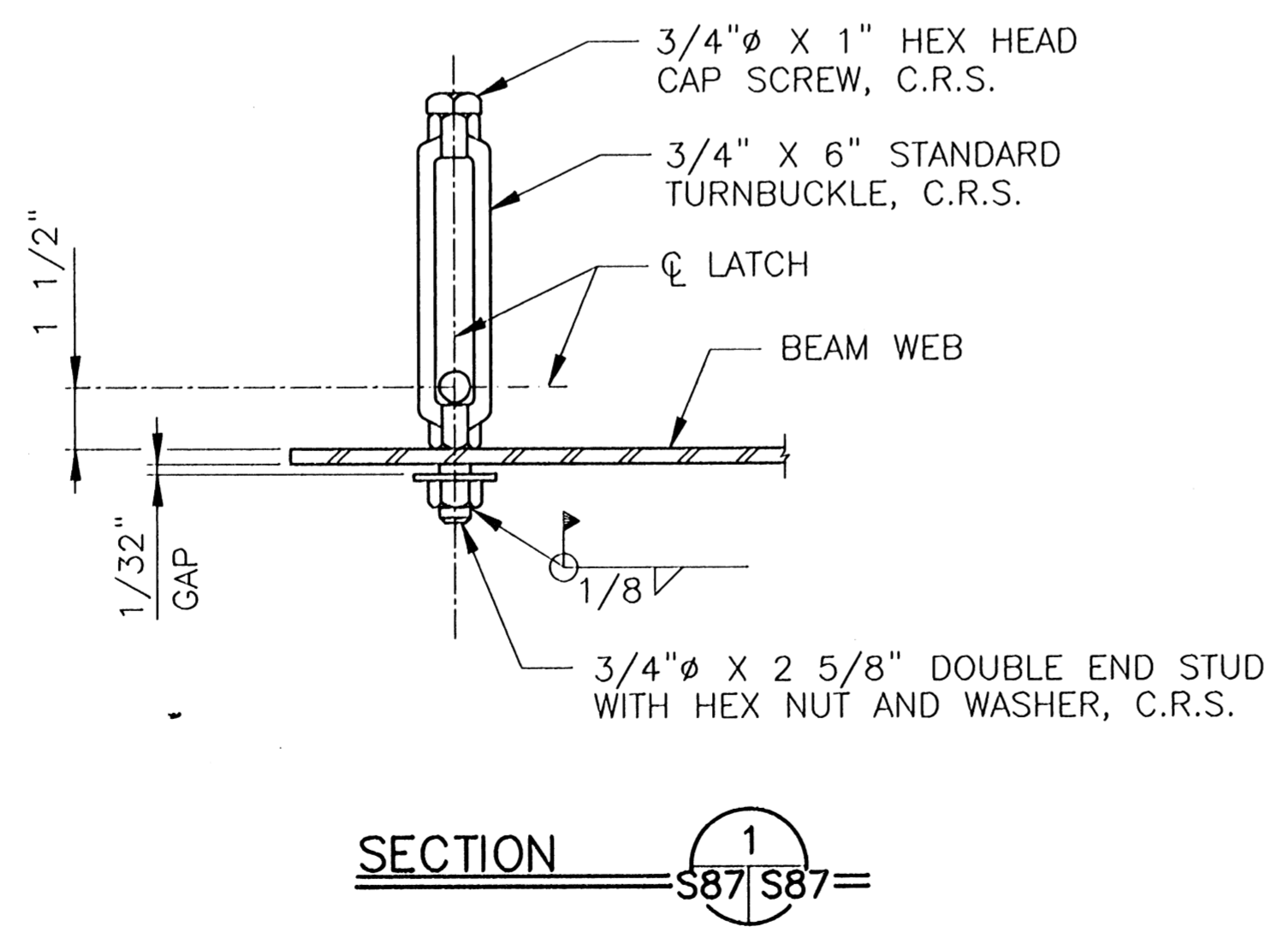
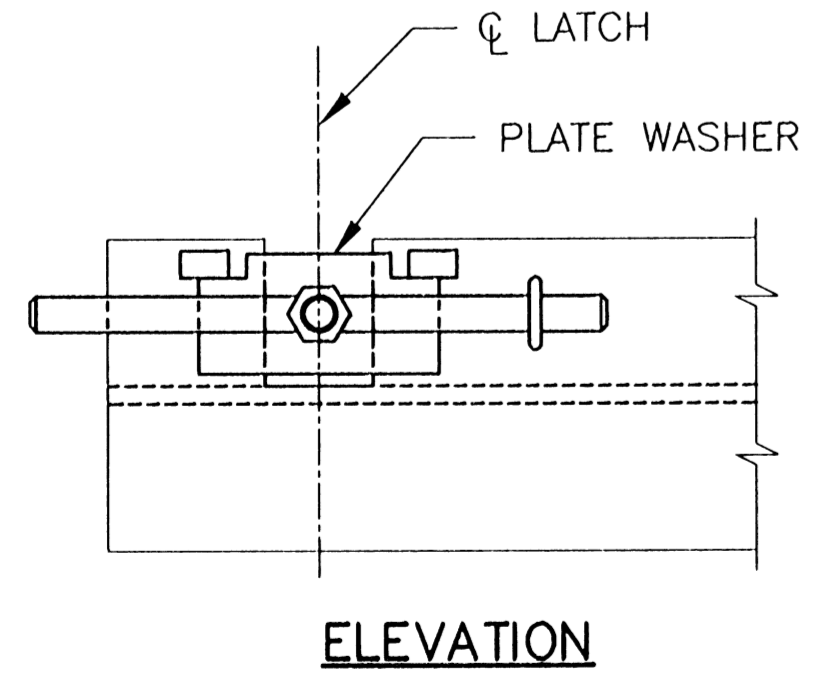
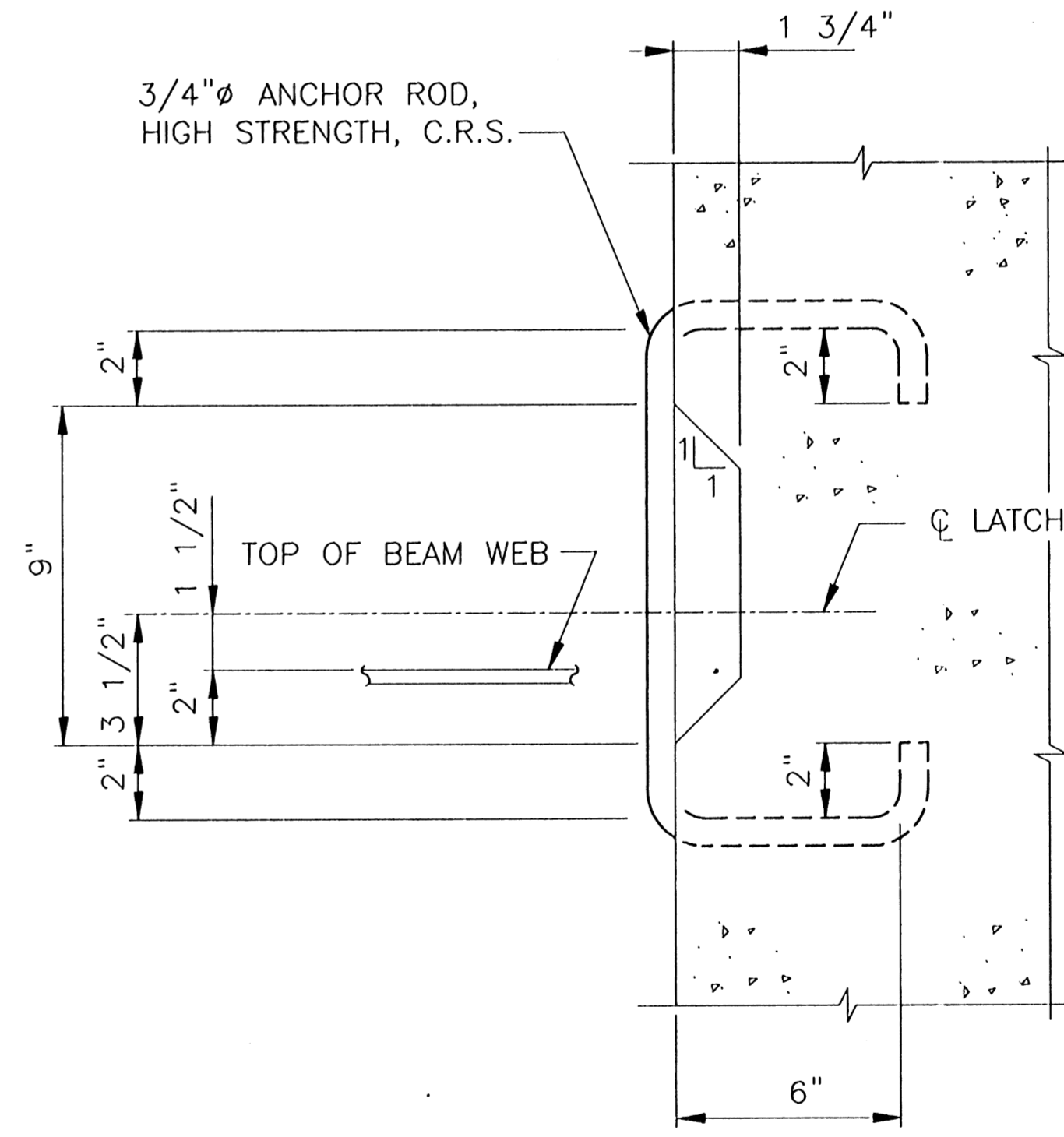
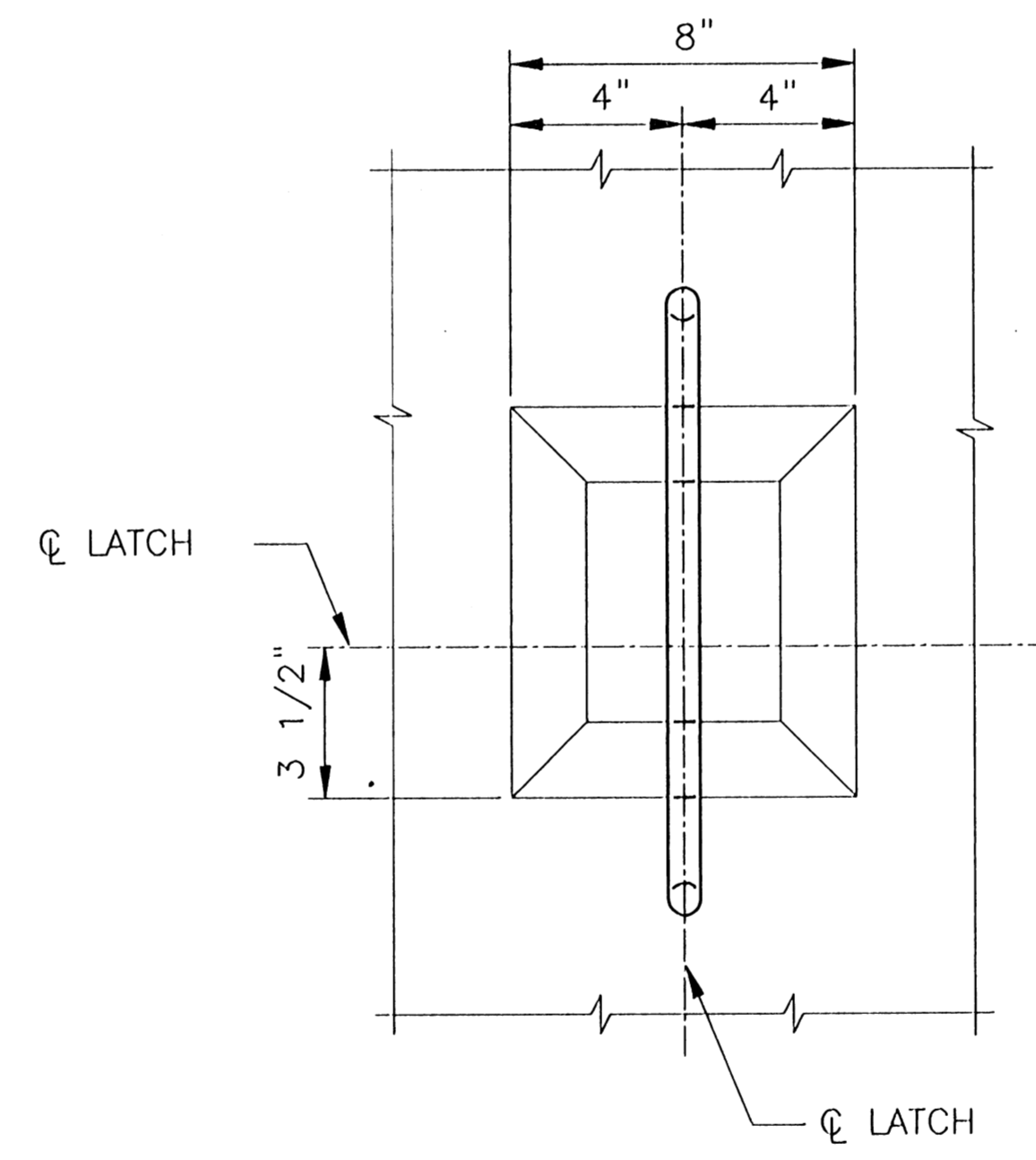
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38 LATCHING DETAILS ALL ROLLER GATES	
DESIGNED J.F.H. CHECKED G.P.F. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. LD1RC167		WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	
DWG. NO. M11-7008-S86		REG0000303	

Jan 08, 1998 13:50:55 P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\STRUCT\LD1RC167 [Login: Deve]

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W SECTION SCHEDULE		
GATE NO.	W	D (in)
5	W21x44	20 5/8
6 & 7	W18x60	18 1/4
8	W24x55	23 5/8
9	W18x35	17 3/4



DETAIL A
SCALE: 3"=1'-0"
S11/S87
S40
S40A

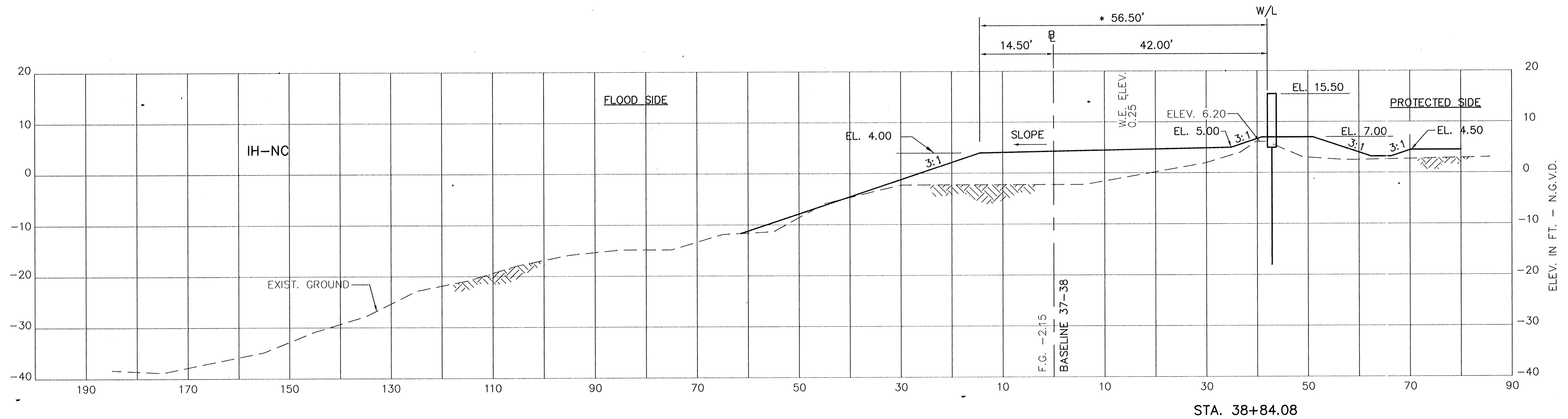
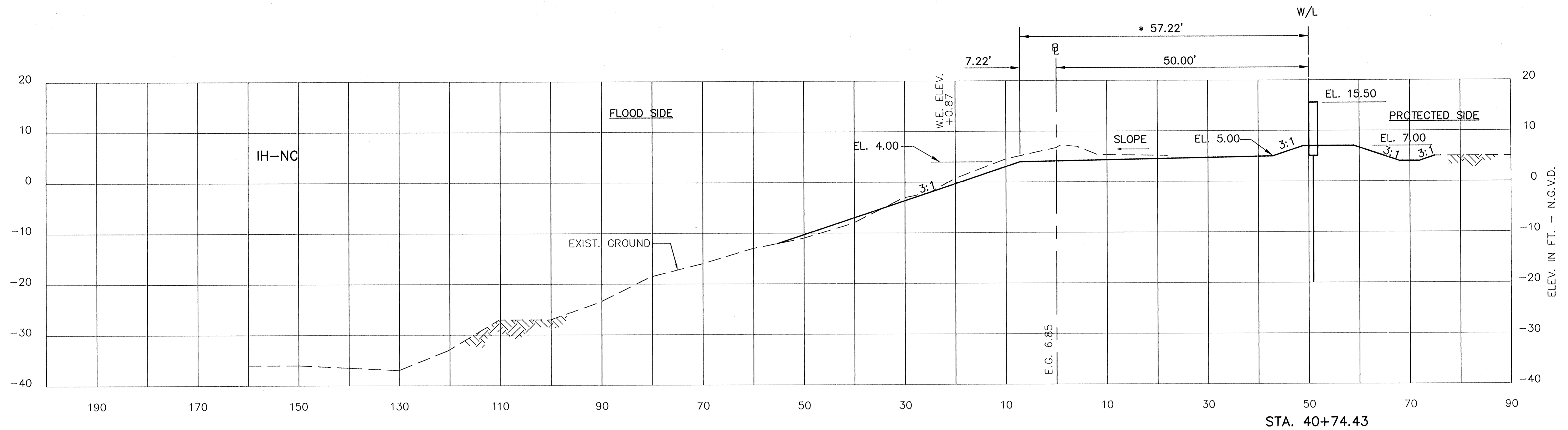
LATCHING DEVICE
SCALE: 3"=1'-0"

Jan 08, 1998 - 13:55:02 - P&E FILE: G:\CAD\LOCAL\36-005\PROJECT\STRUCT\WORKING\ [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 LATCHING DETAILS - ALL ROLLER GATES	
DESIGNED J.F.H. CHECKED G.P.F. APPROVED B.S.G.	DRAWN J.M.R. DATE JAN. 14, 1998	SCALE AS SHOWN DESIGNED J.F.H. CHECKED G.P.F.	DATE JAN. 14, 1998 DRAWN J.M.R. SUBMITTED BY B.S.G. PROJECT ENGINEER
IDENTIFICATION NO. LDRG167		RECOMMENDED APPROVED WILLIAM B. CHOMARTE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-S87		REQ#000303	

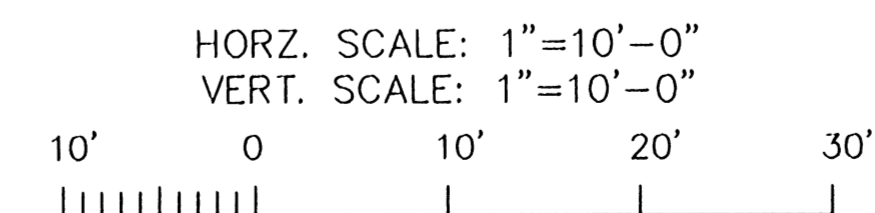
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	124



* DESIGN TOP BANK

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

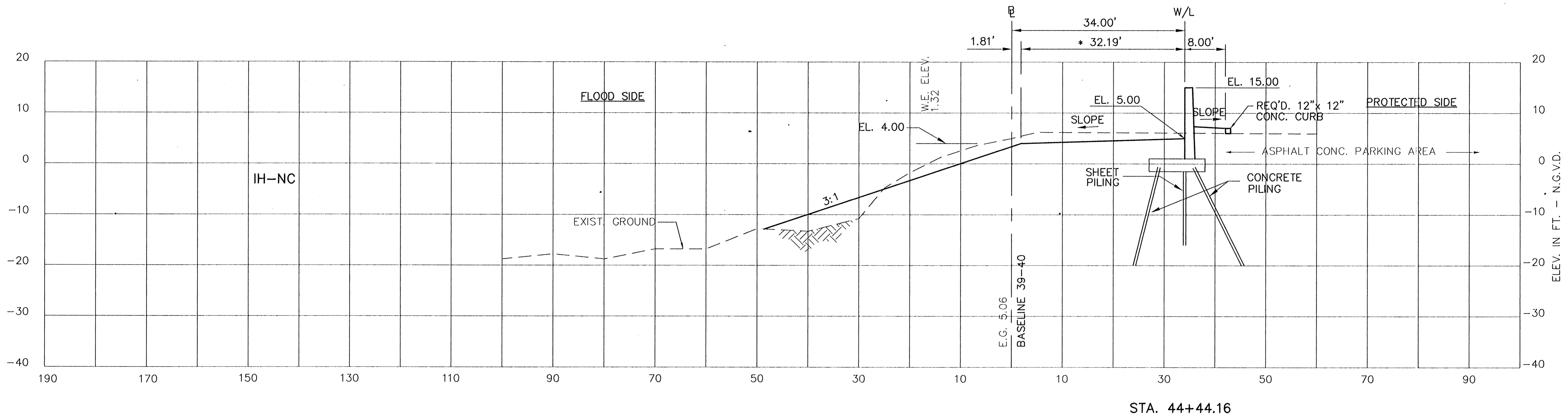
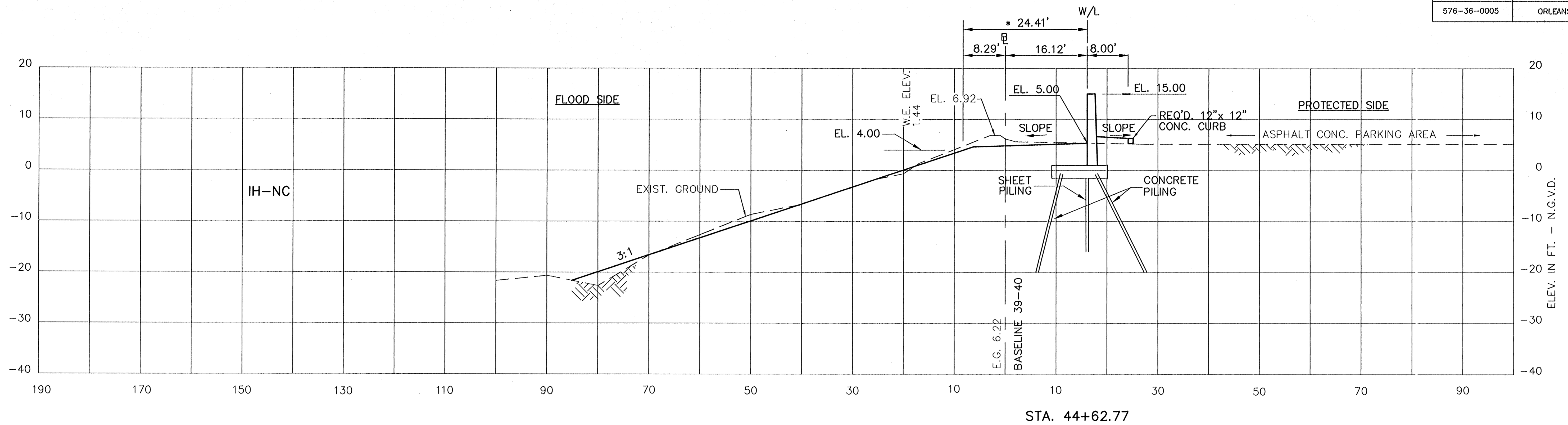


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36		STABILITY CROSS SECTIONS	
DRAWN E.B.K. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.		DATE JAN. 14, 1998 DRAWN E.B.K. SUBMITTED R.S.G. PROJECT ENGINEER	
IDENTIFICATION NO. XSEC-N		RECOMMENDED APPROVED	
WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W104		REQ000303	

Jan 13, 1998 - 07:44:30 [P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\XSEC-N] [Login: Dave]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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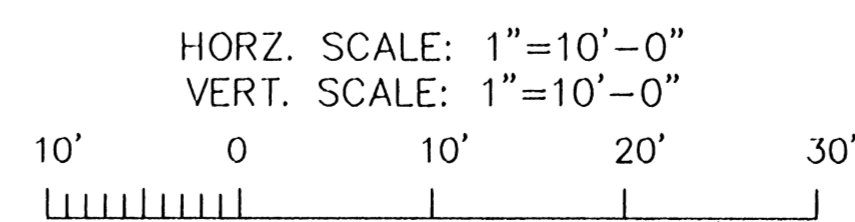
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	125



* DESIGN TOP BANK

NOTES:

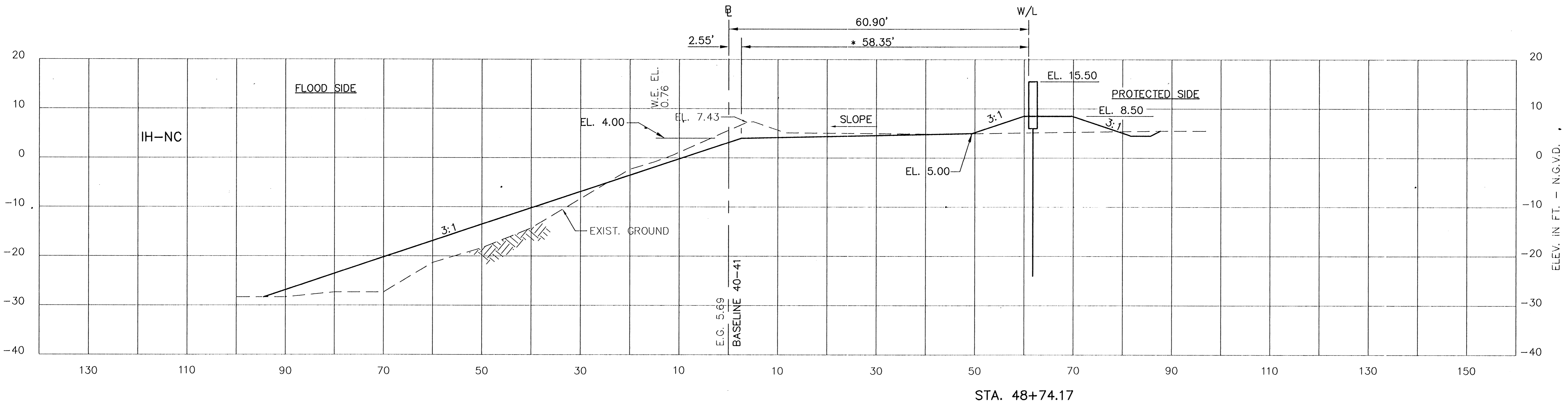
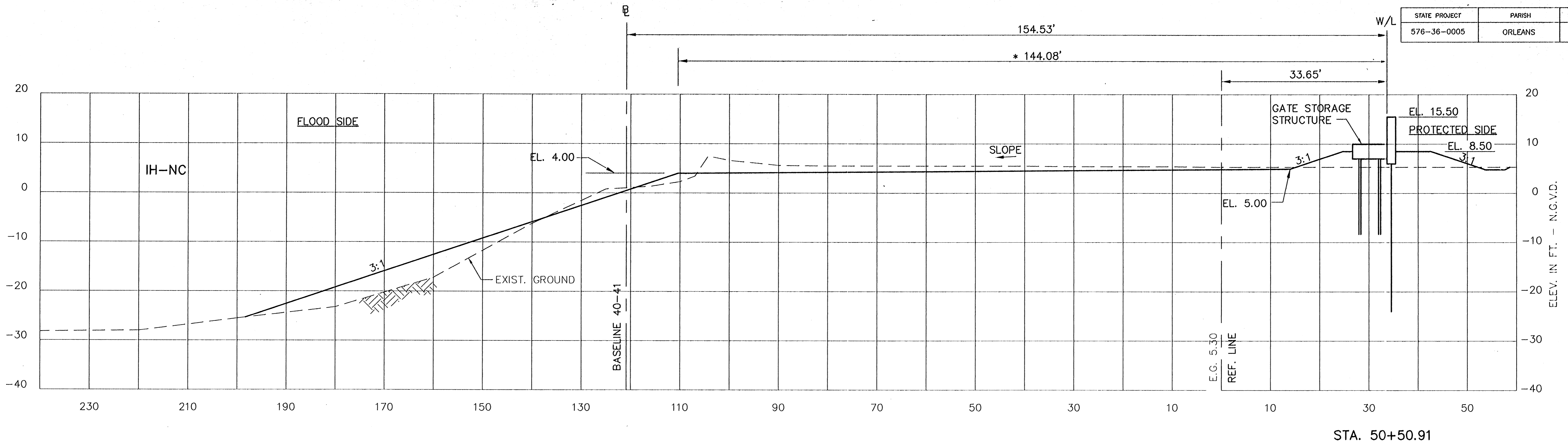
1. STATIONS SHOWN ARE WALL LINE STATIONS.



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 STABILITY CROSS SECTIONS	
DRAWN <u>E.B.K.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>R.S.G.</u>		DATE <u>JAN. 14, 1998</u> DRAWN <u>E.B.K.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	
IDENTIFICATION NO. XSEC-N		RECOMMENDED WILLIAM B. CROWWARTIE, P.E. PROJECT ENGINEERING MANAGER	
		APPROVED MYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W105		REG0000303	

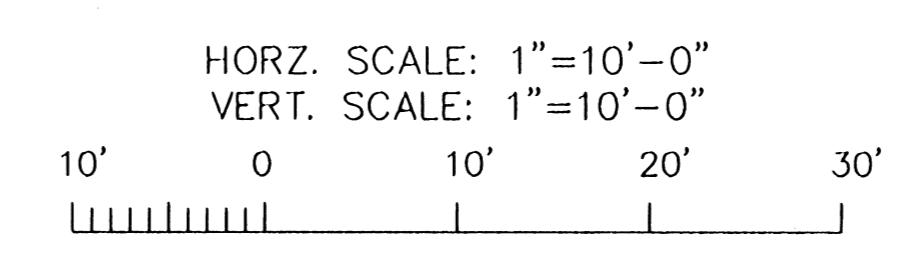
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STATE PROJECT 576-36-0005	PARISH ORLEANS	SHEET NO. 126
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* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

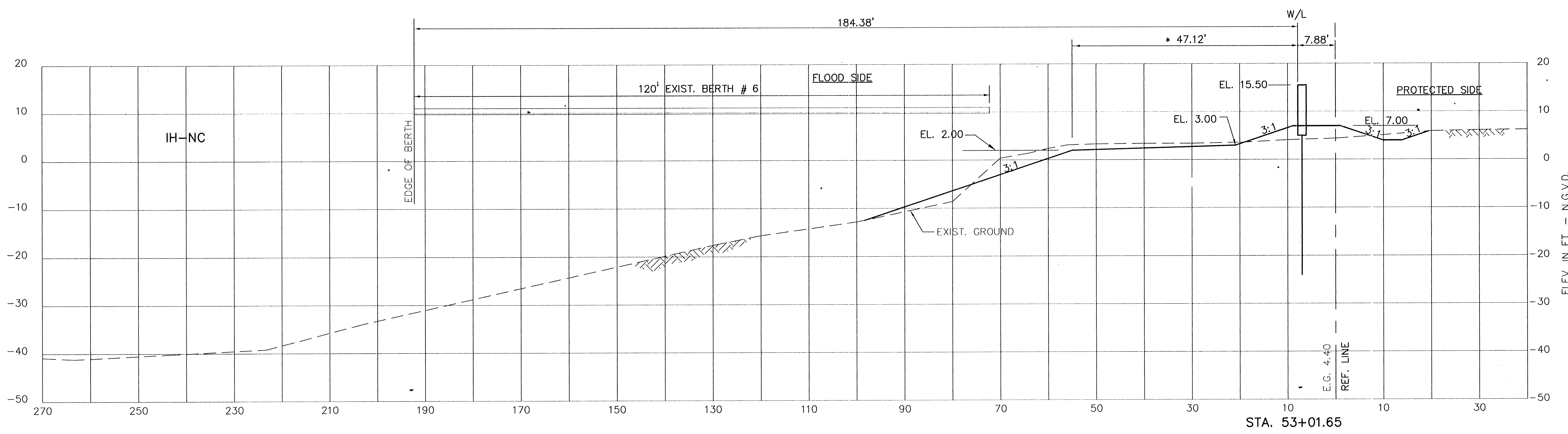
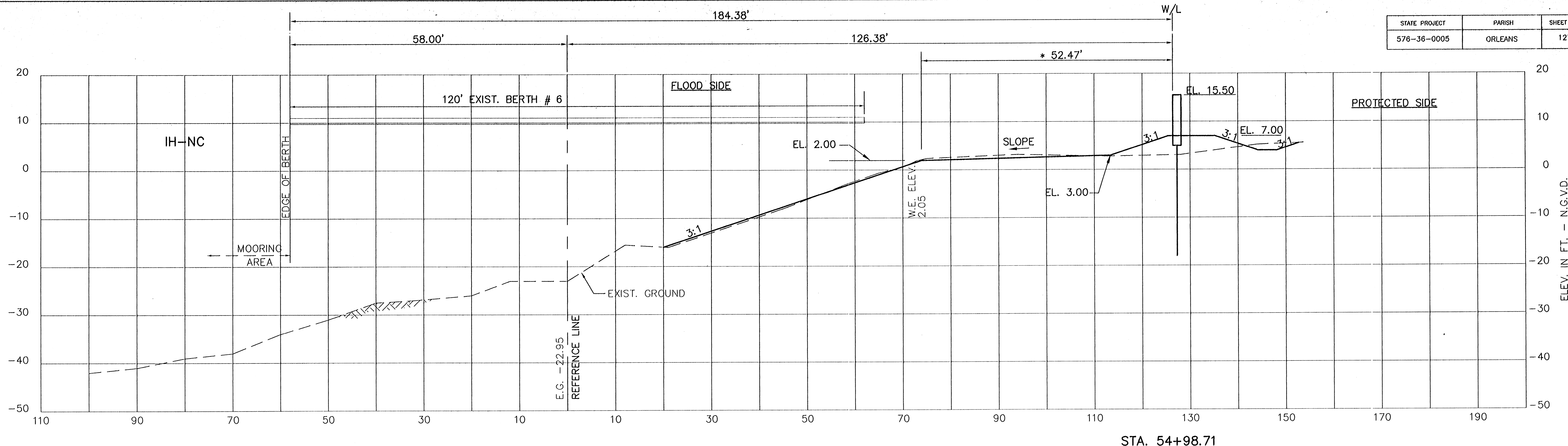


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 STABILITY CROSS SECTIONS		SCALE AS SHOWN	
DESIGNED J.N.S.	DATE JAN. 14, 1998	DESIGNED J.N.S.	DATE
CHECKED J.N.S.		DRAWN E.B.K.	
APPROVED R.S.G.		SUBMITTED R.S.G.	
		APPROVED	PROJECT ENGINEER
IDENTIFICATION NO. XSEC-N		WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	
DWG. NO. M11-7008-W106		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
		REQ#000303	

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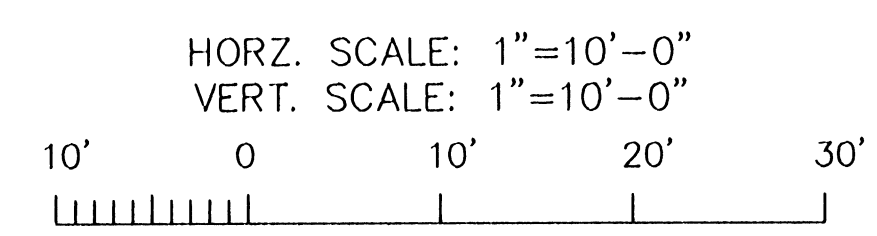
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	127



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

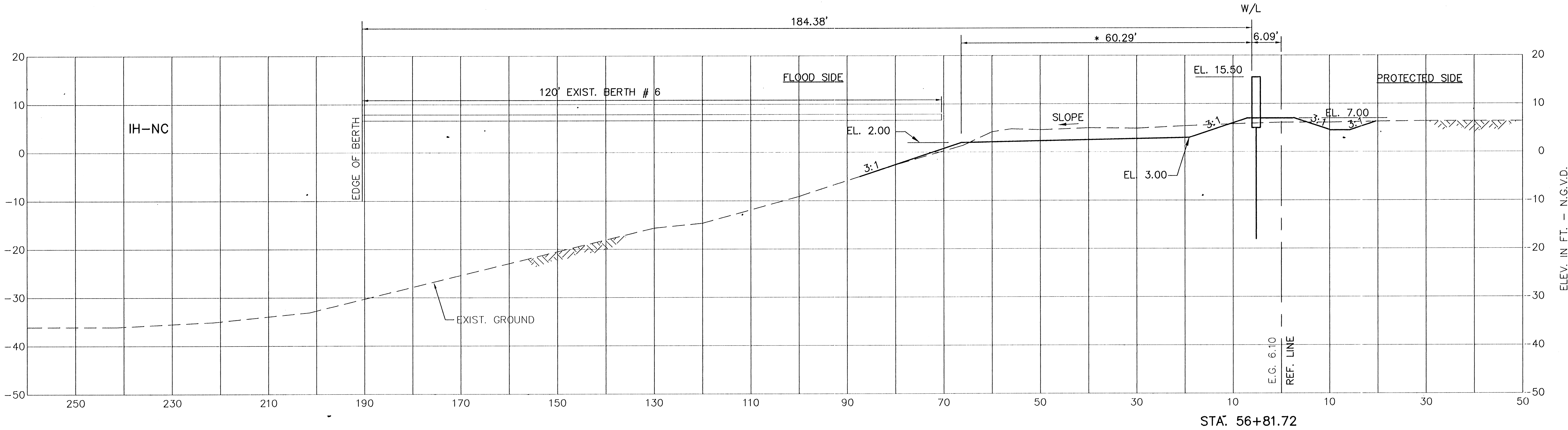
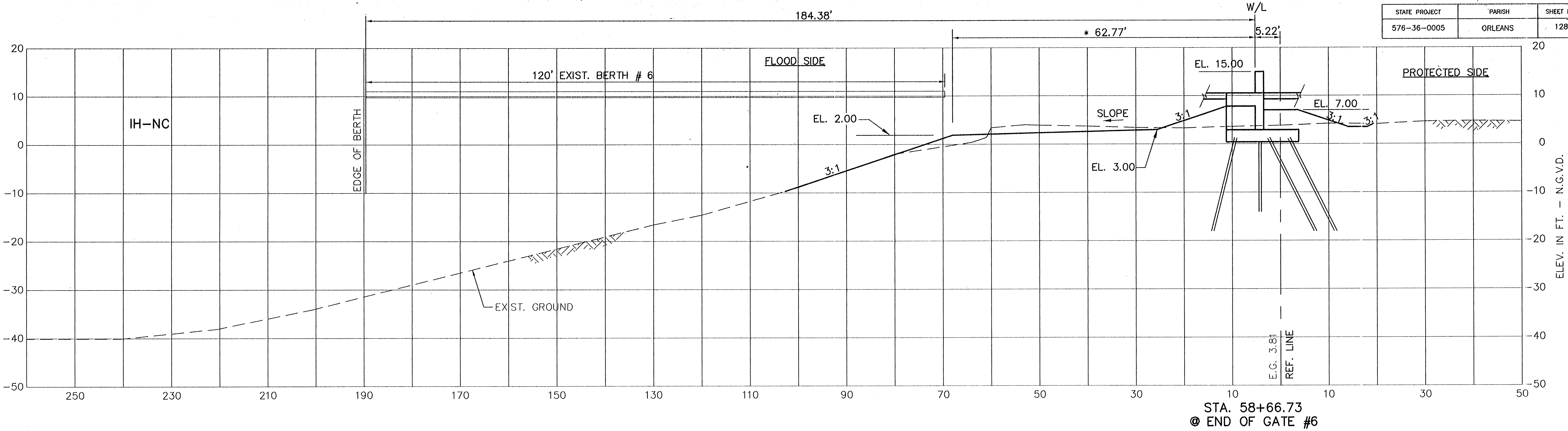


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.38		STABILITY CROSS SECTIONS	
DESIGNED J.N.S.	CHECKED J.N.S.	APPROVED R.S.G.	DATE JAN. 14, 1998
DRAWN E.B.K.	CHECKED J.N.S.	APPROVED R.S.G.	DRAWN E.B.K.
IDENTIFICATION NO. XSEC-N		SUBMITTED BY R.S.G. PROJECT ENGINEER	
RECOMMENDED		APPROVED	
WILLIAM B. CROMMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W107		REG0000303	

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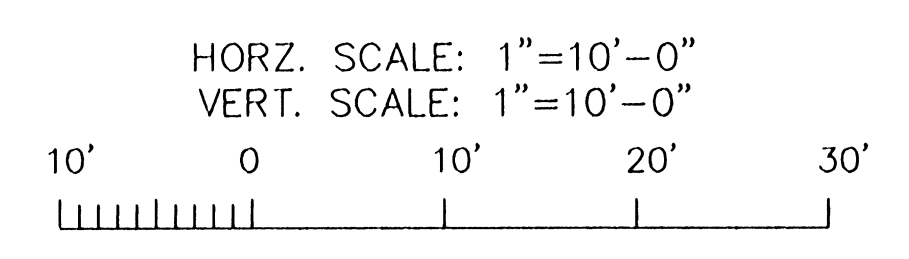
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	128



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

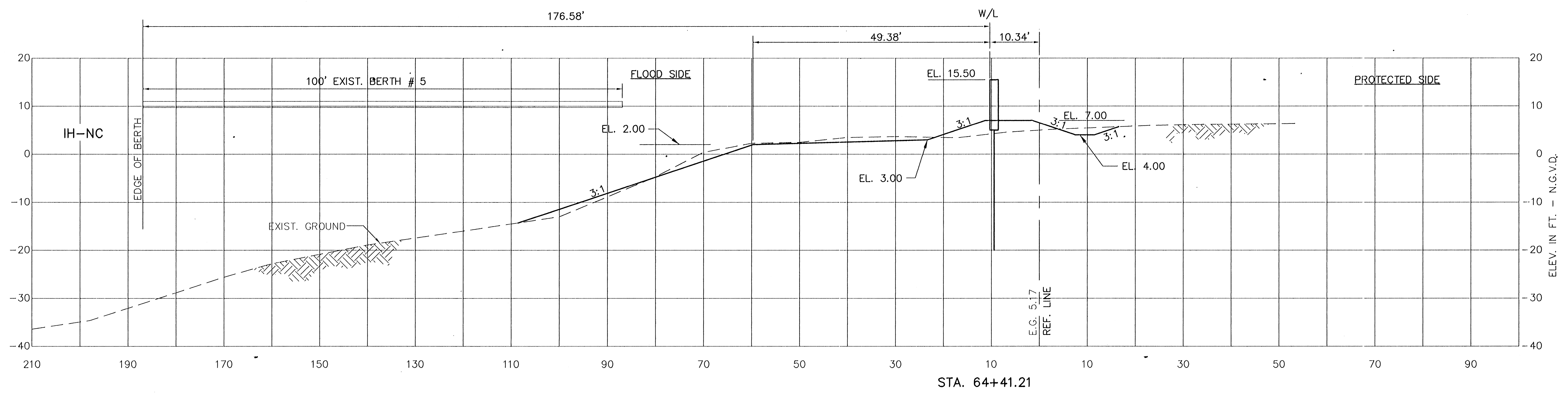
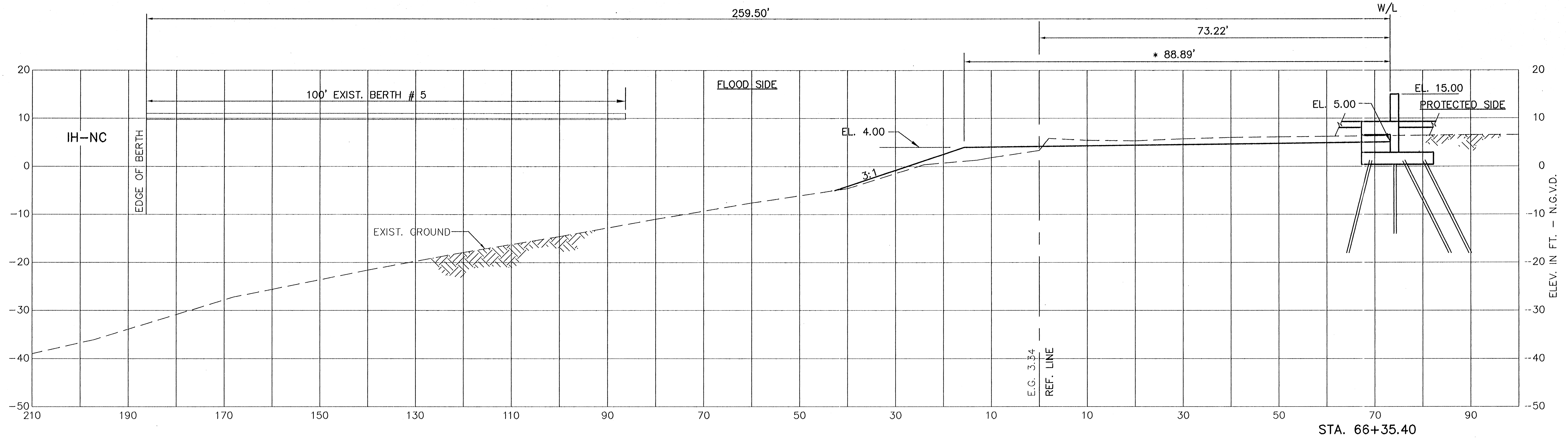


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 STABILITY CROSS SECTIONS	
DRAWN <u>E.B.K.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>B.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>E.B.K.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	IDENTIFICATION NO. XSEC-N	
		WILLIAM B. CHAMBERLAIN, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W108		REF0000303	

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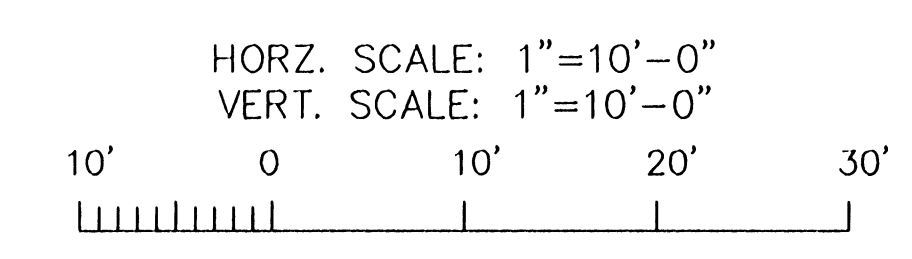
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	130



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

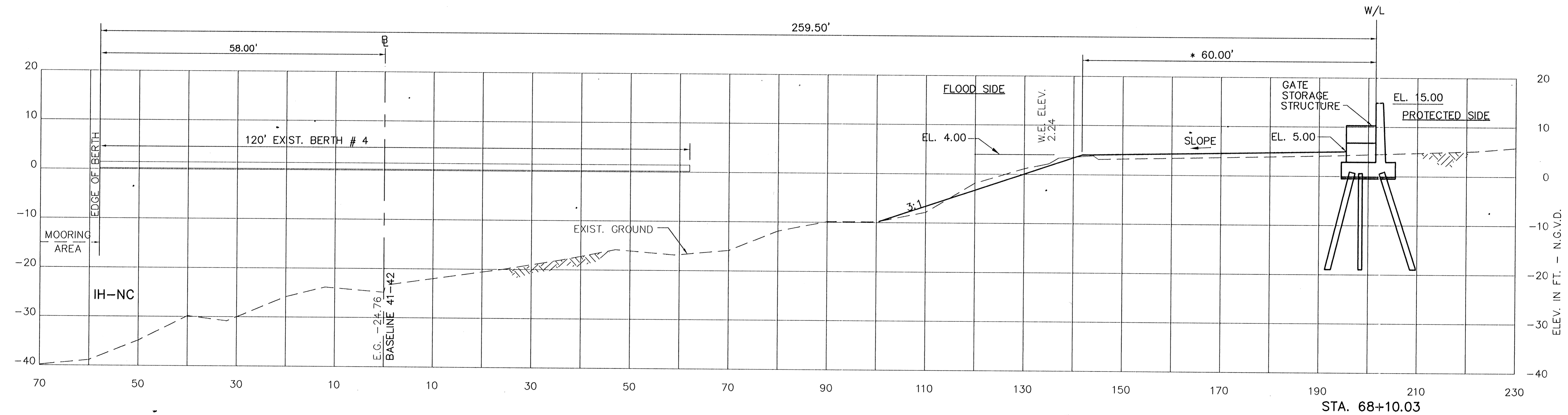
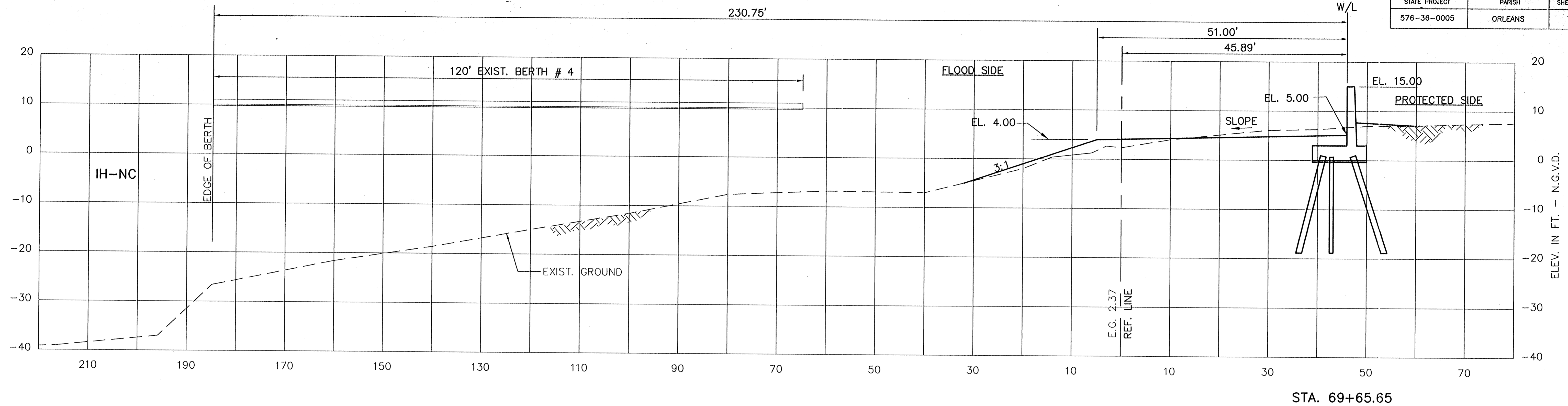


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 STABILITY CROSS SECTIONS	
DRAWN <u>E.B.K.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>E.B.K.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>AS SHOWN</u> WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	
IDENTIFICATION NO. XSEC-N		DWG. NO. M11-7008-W110	

Jan 13, 1998 - 07:44:30 [P&O FILE: G:\CAD\ACAD\504-005\PROJ-303\CIVIL\XSEC-N] [Login: Dave]

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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	131

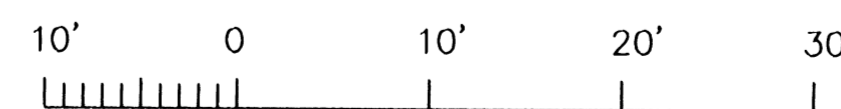


* DESIGN TOP BANK

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

HORIZ. SCALE: 1"=10'-0"
VERT. SCALE: 1"=10'-0"

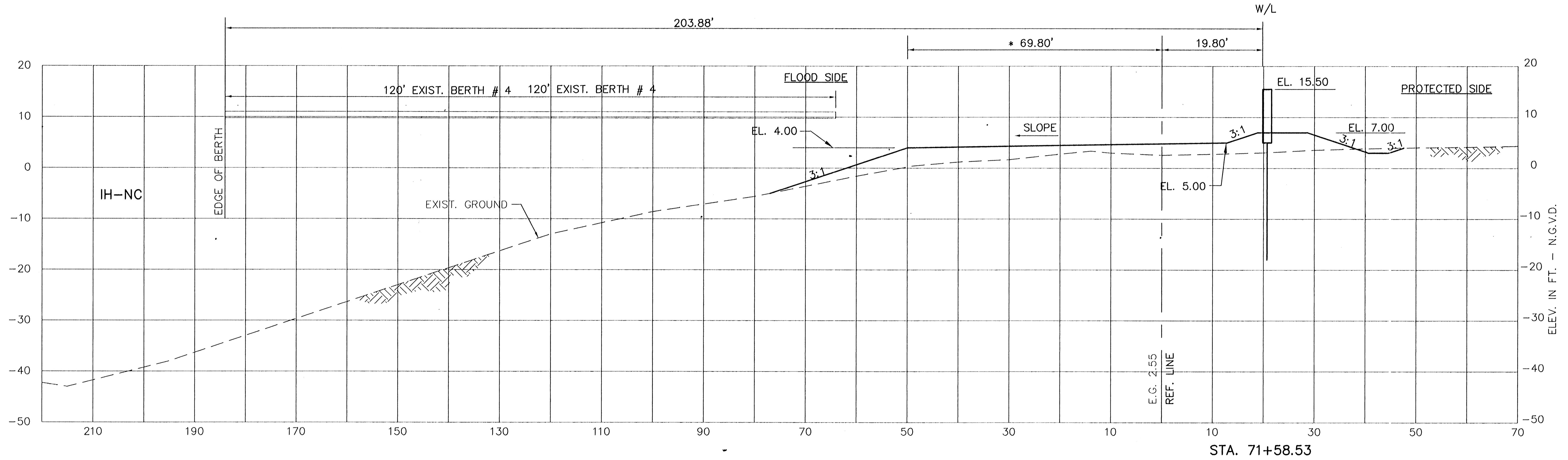
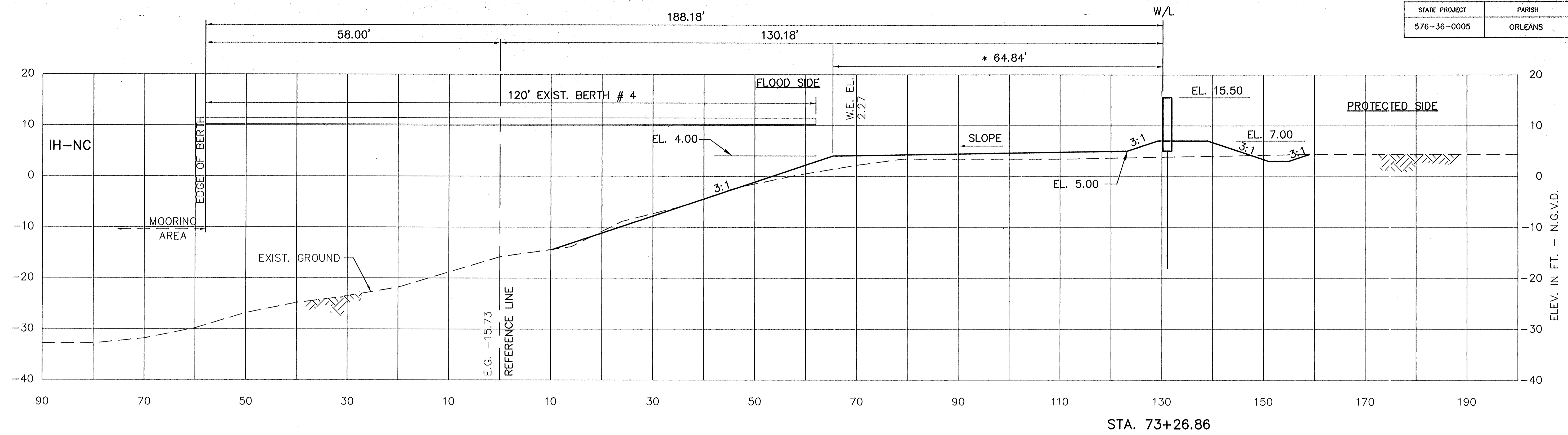


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF MISSISSIPPI FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 STABILITY CROSS SECTIONS	
DRAWN E.B.K. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN E.B.K. SUBMITTED BY R.S.G. PROJECT ENGINEER	SCALE AS SHOWN RECOMMENDED APPROVED WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER WILEY C. JONES, P.E. DIRECTOR OF ENGINEERING	
IDENTIFICATION NO. XSEC-N		DWG. NO. M11-7008-W111 REF: 000303	

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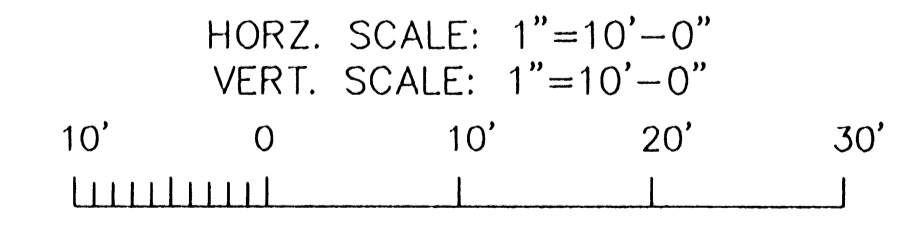
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	132



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

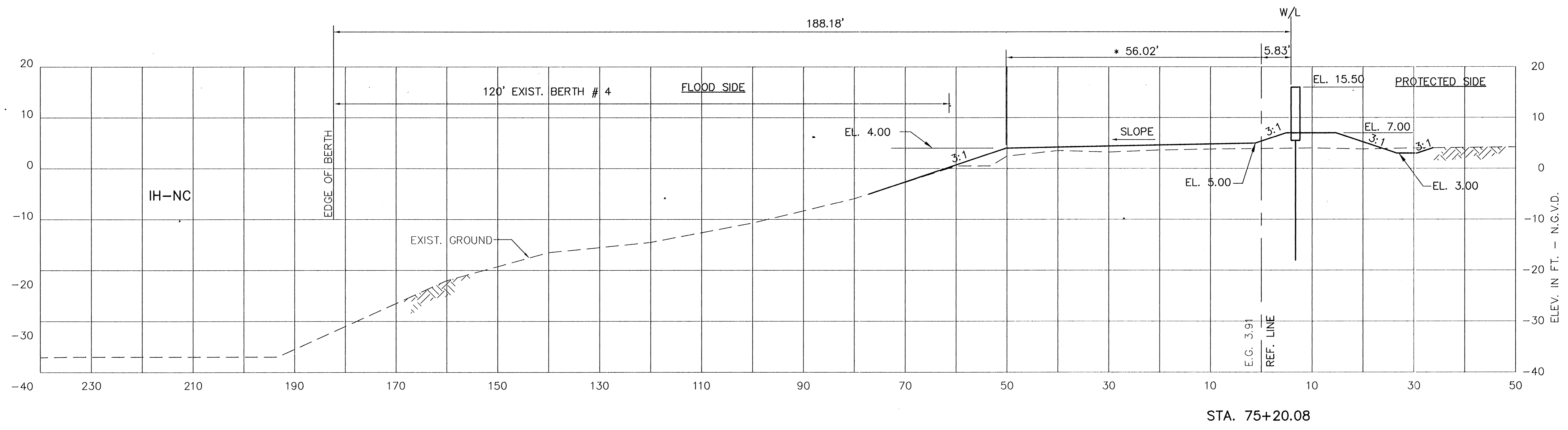
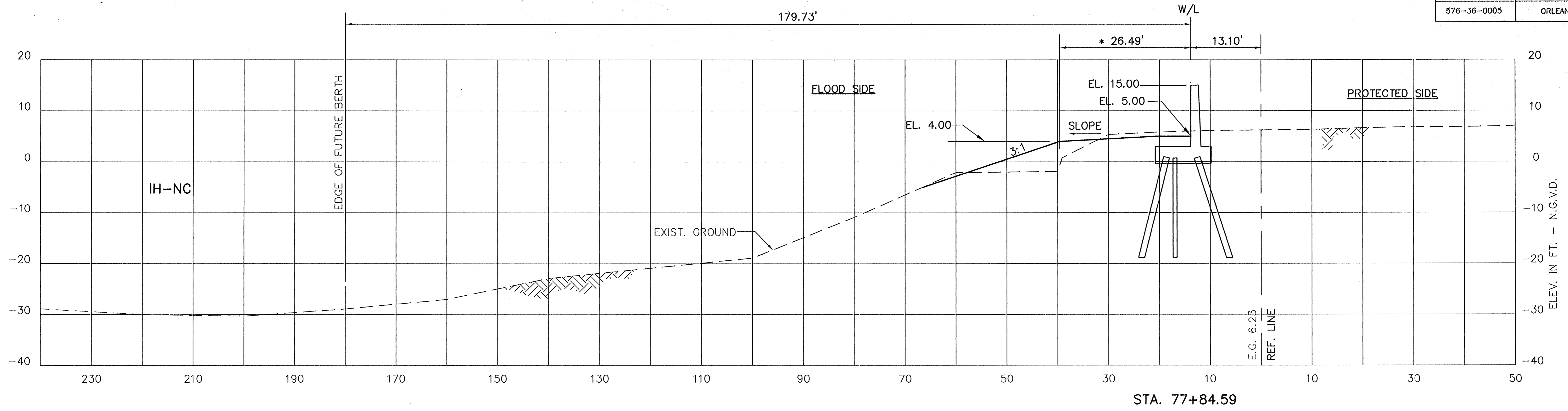


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 83+92.36 STABILITY CROSS SECTIONS	
DRAWN <u>E.B.K.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>R.S.G.</u>	DATE <u>JAN. 14, 1998</u> DRAWN <u>E.B.K.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	SCALE <u>AS SHOWN</u> RECOMMENDED IDENTIFICATION NO. <u>XSEC-N</u> WILLIAM B. CORMARTÉ, P.E. PROJECT ENGINEERING MANAGER RILEY C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. <u>M11-7008-W112</u>		REG0000303	

Jun 13, 1998 - 07:44:30 P&C FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\XSEC-N [Login: Dovo]

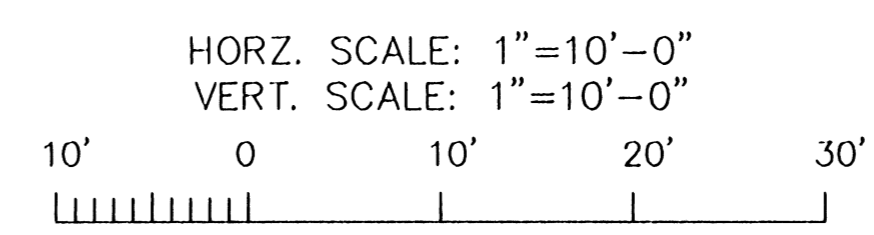
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	133



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

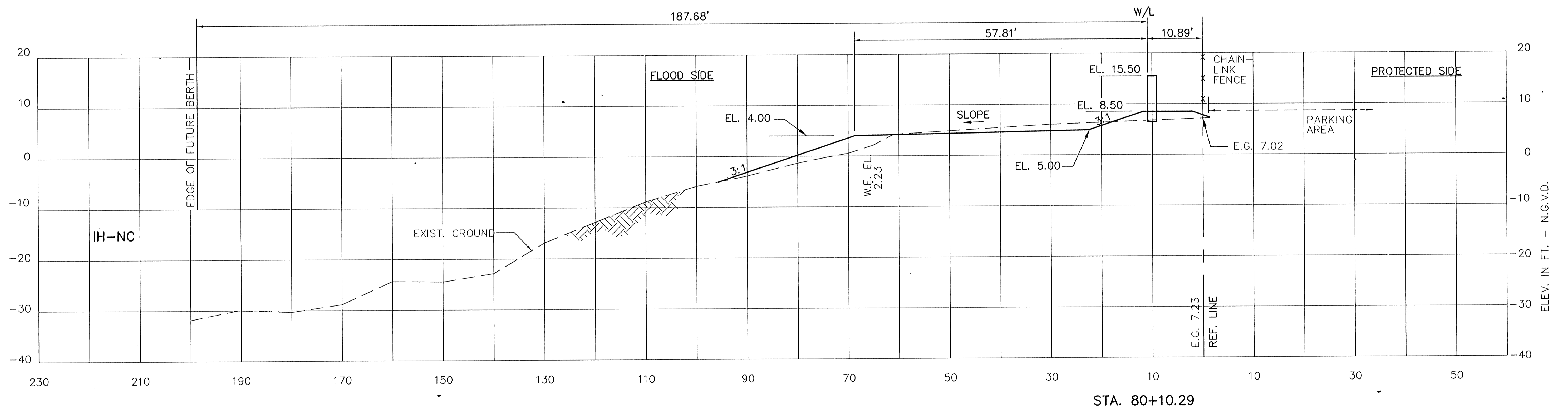
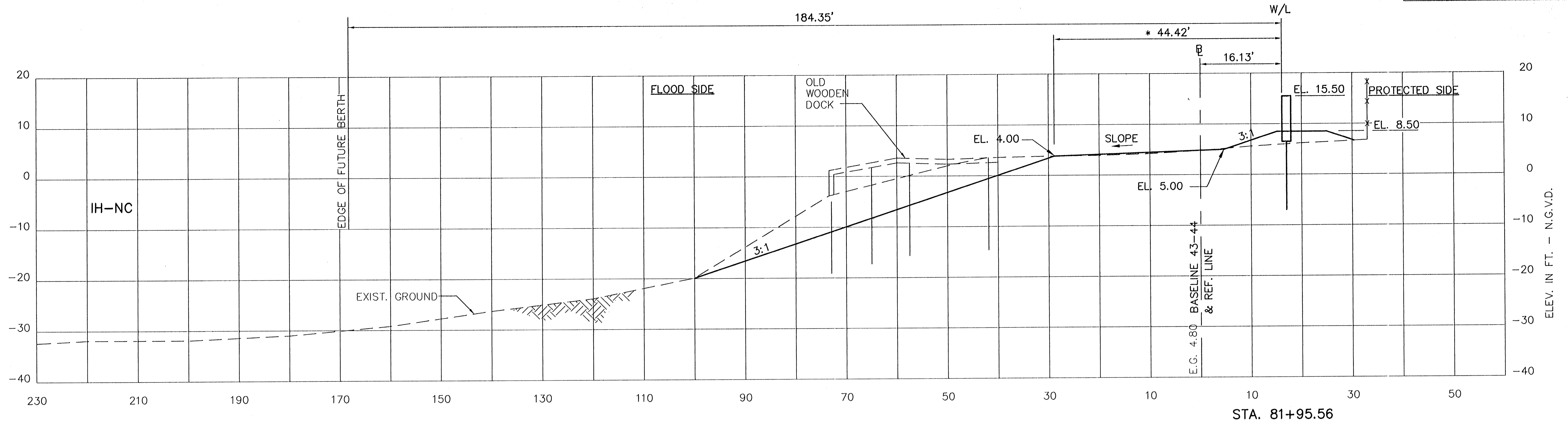


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 STABILITY CROSS SECTIONS	
DRAWN E.B.K. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G. 	DATE JAN. 14, 1998 DRAWN E.B.K. SUBMITTED R.S.G. PROJECT ENGINEER APPROVED	IDENTIFICATION NO. XSEC--N	WILLIAM B. CHAMARTE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING
DWG. NO. M11-7008-W113		REQ#000503	

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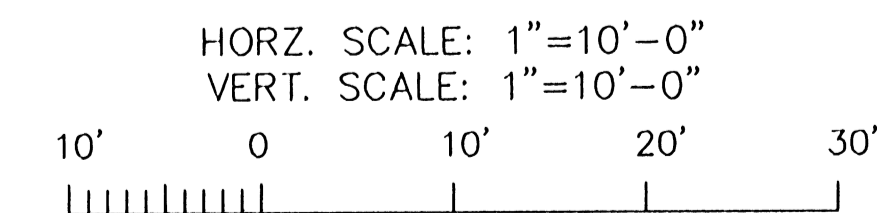
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	134



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NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

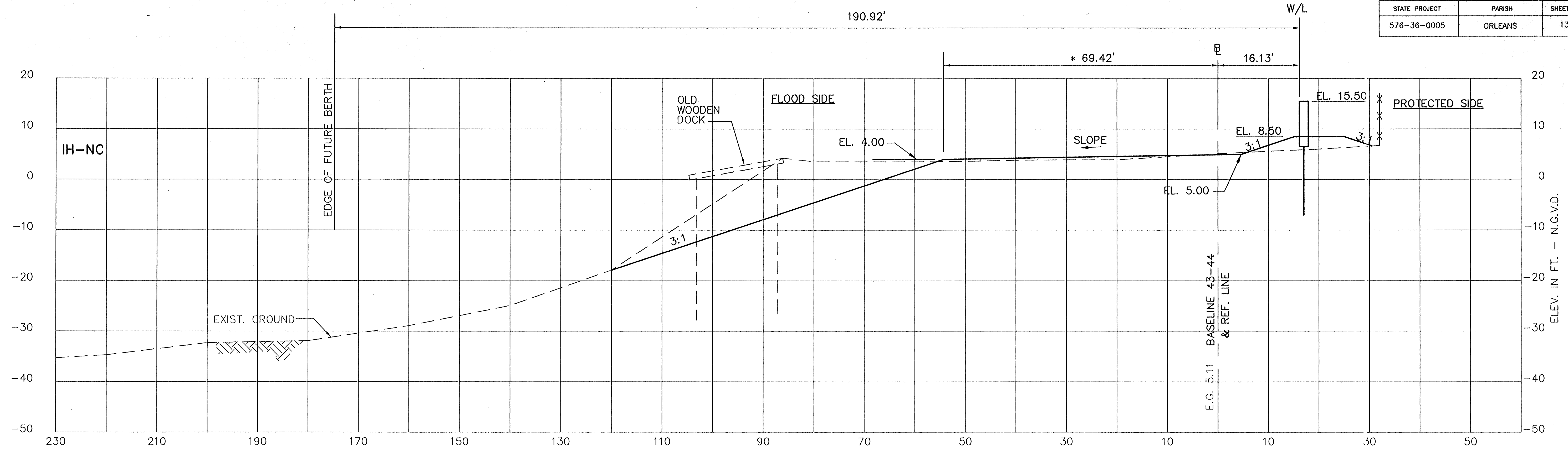


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36		STABILITY CROSS SECTIONS	
DESIGNED BY: E.B.K.	CHECKED BY: J.N.S.	DATE: JAN. 14, 1998	DRAWN BY: E.B.K.
APPROVED BY: J.N.S.	CHECKED BY: J.N.S.		SUBMITTED BY: R.S.G.
RECOMMENDED		APPROVED	
WILLIAM B. CROMMIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W114		REF0000303	

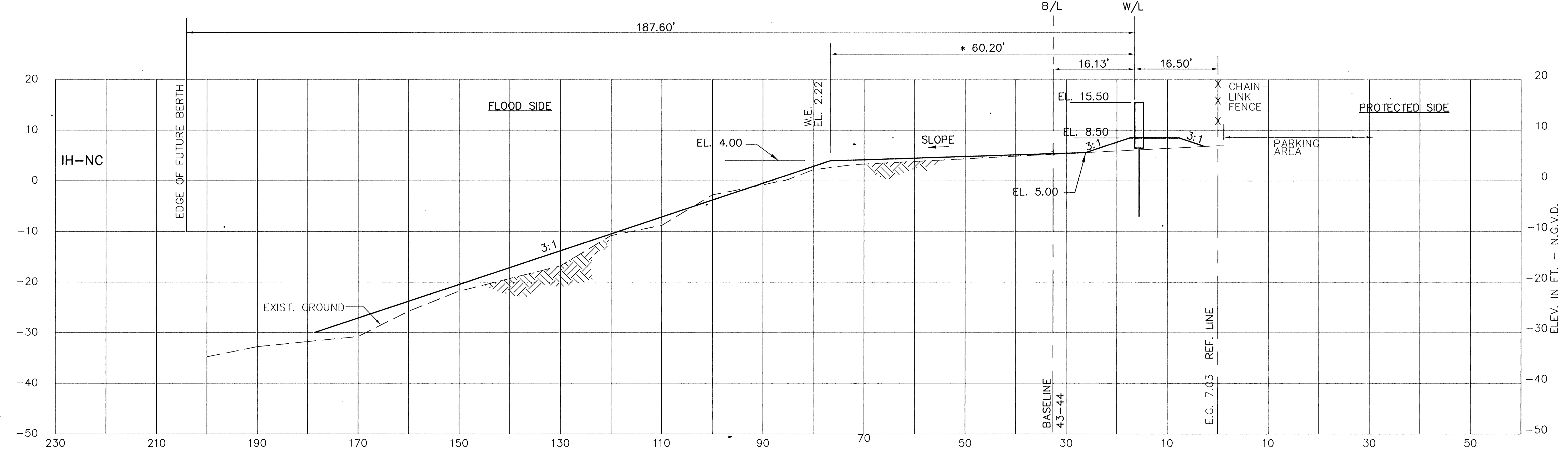
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REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	135



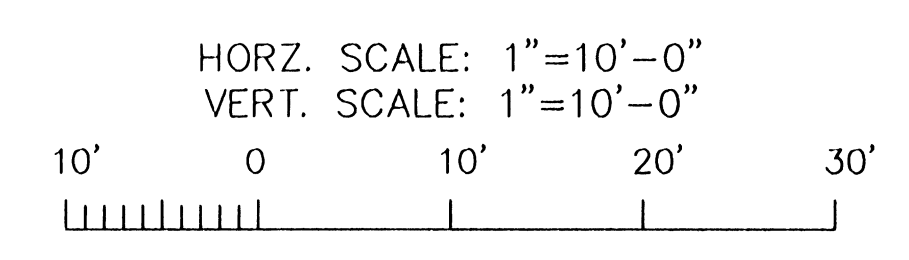
STA. 84+95.56



STA. 83+44.35

* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

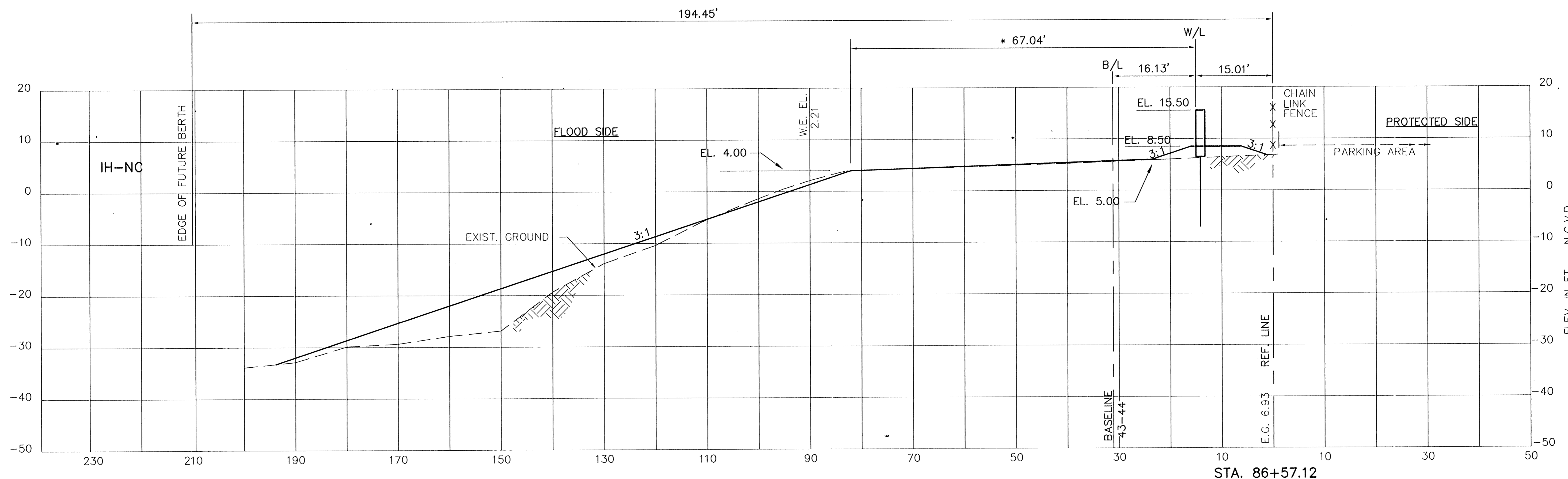
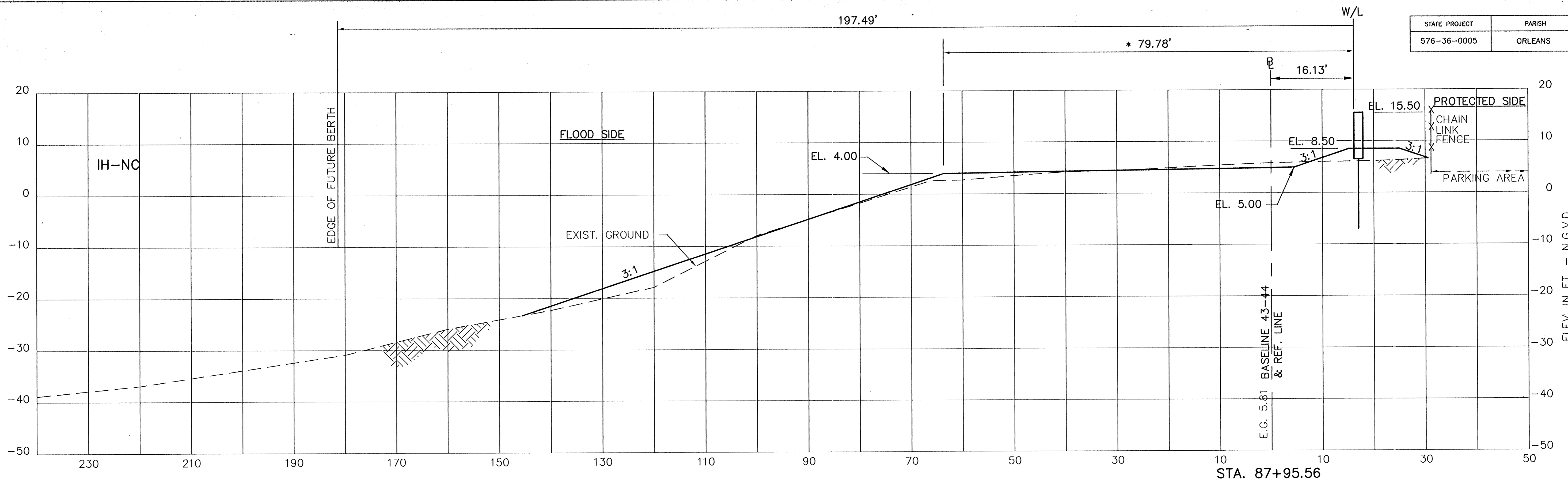


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 89+82.36 STABILITY CROSS SECTIONS	
	DRAWN: E.B.K. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: E.B.K. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE: AS SHOWN DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.
IDENTIFICATION NO. XSEC-N		APPROVED: _____ WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	
DWG. NO. M11-7008-W115		REGD000303	

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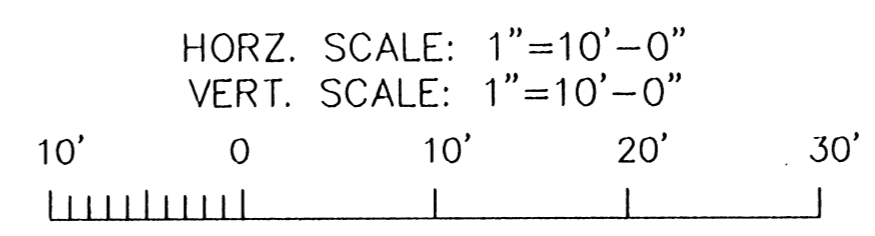
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	136



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

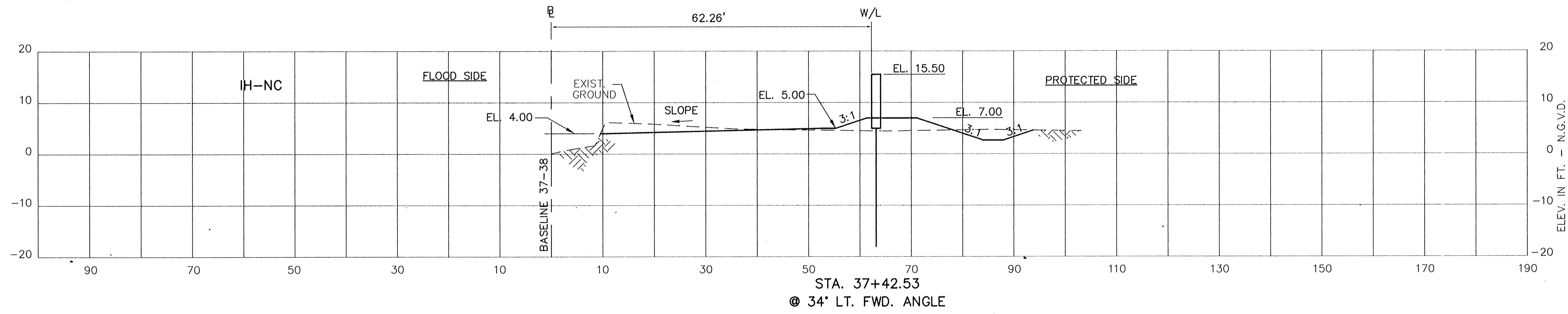
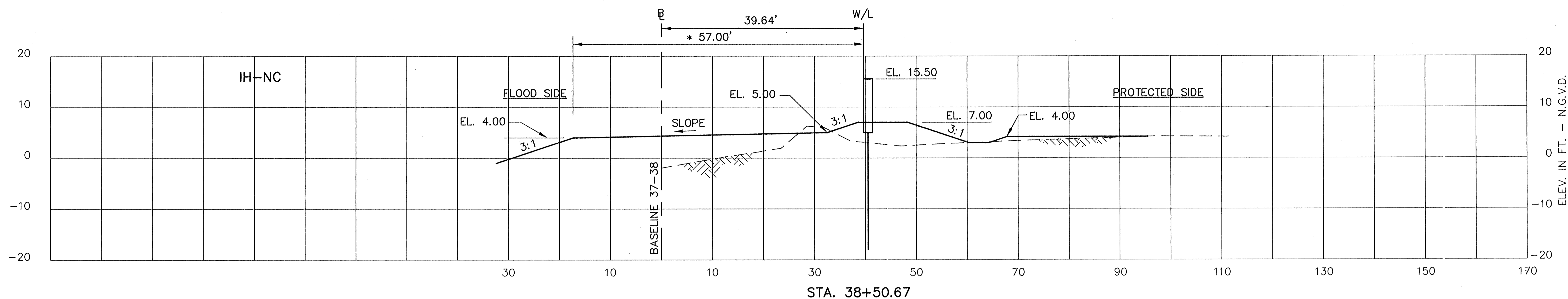


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 STABILITY CROSS SECTIONS	
DRAWN: E.B.K. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: E.B.K. SUBMITTED BY: R.S.G. PROJECT ENGINEER	IDENTIFICATION NO. XSEC-N WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W116		REF000003	

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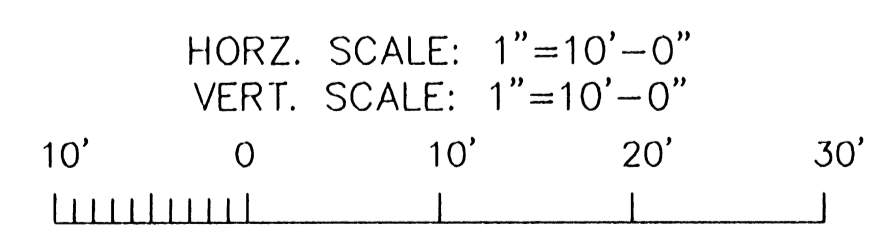
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	137



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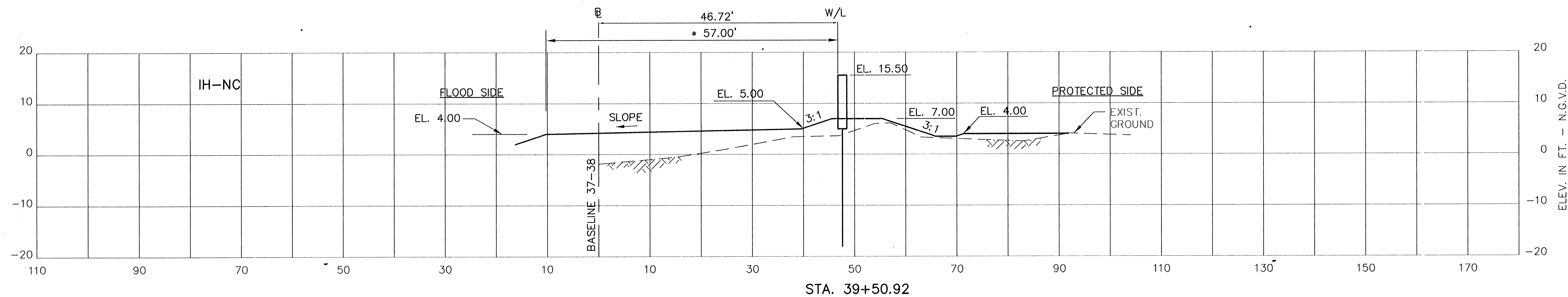
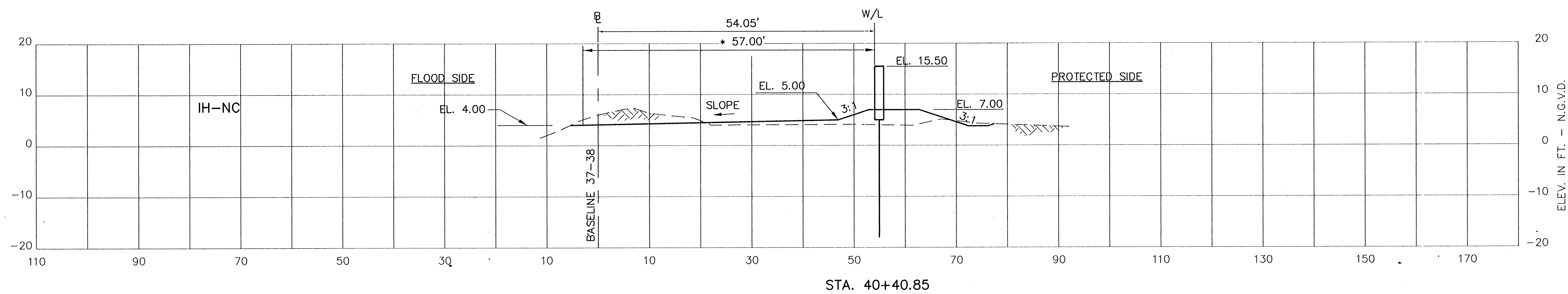
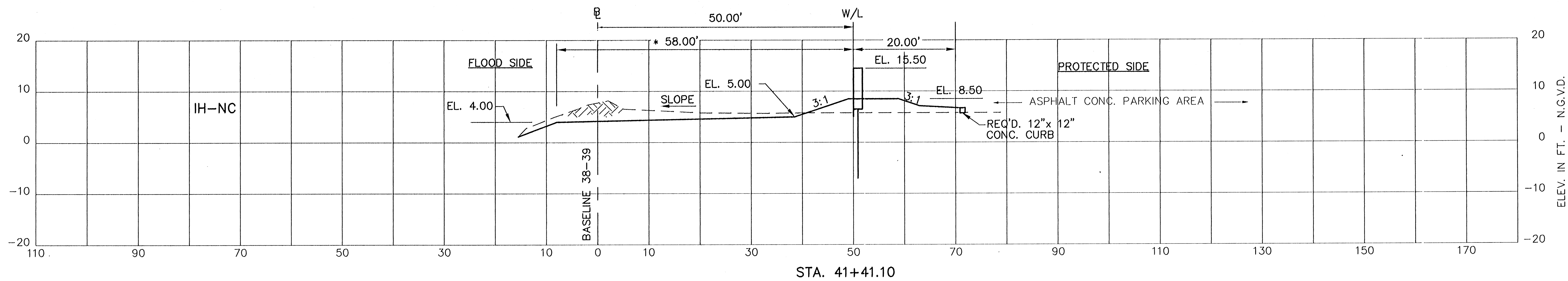
- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.



CONSULTING ENGINEERS		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS	
	DRAWN E.B.K. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	SCALE AS SHOWN DESIGNED J.N.S. CHECKED J.N.S.	DATE JAN. 14, 1998 DRAWN E.B.K. SUBMITTED R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. XSFINAL		RECOMMENDED APPROVED	
		WILLIAM B. CROMARIE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE G. JONES, P.E. DIRECTOR OF ENGINEERING	
		DWG. NO. M11-7008-W128	
		REF000003	

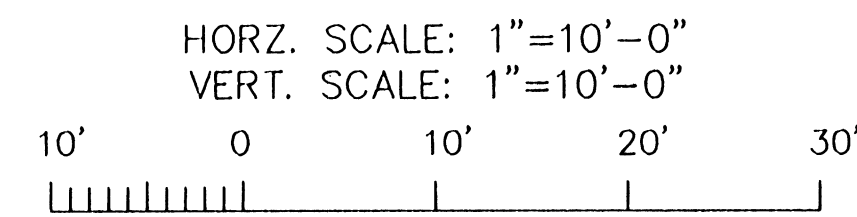
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* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

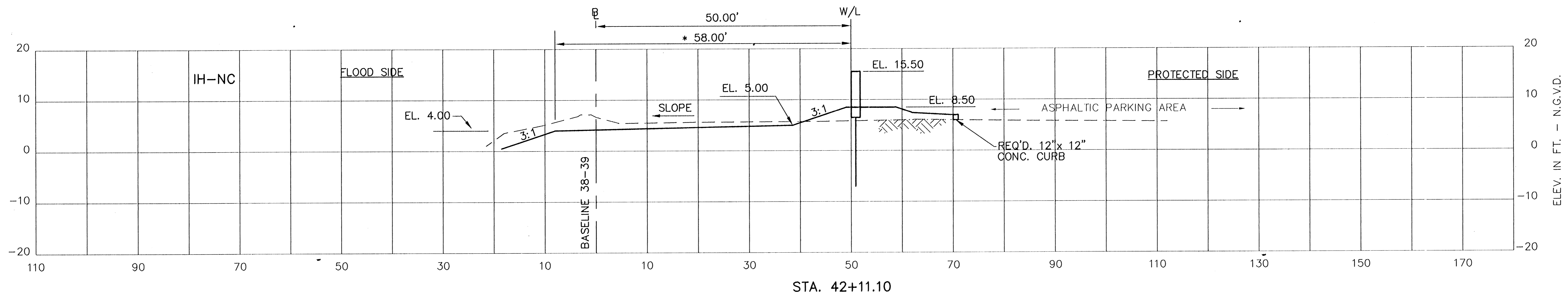
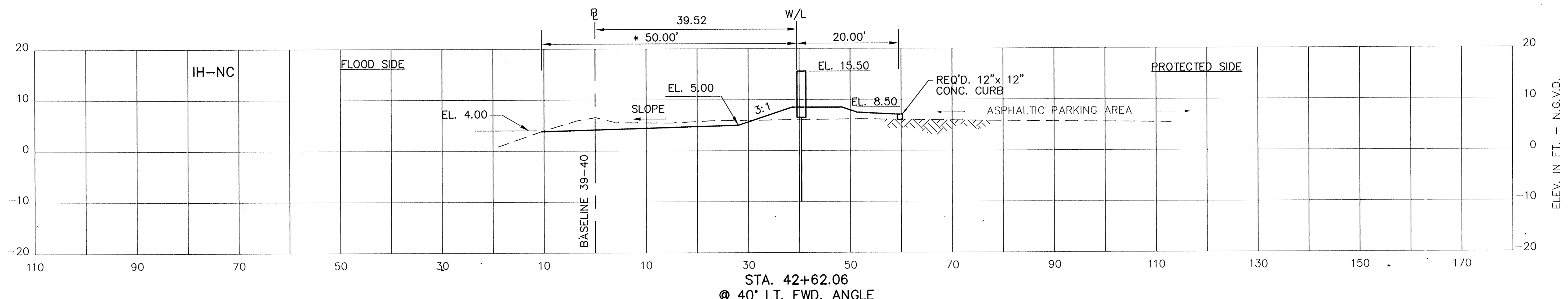
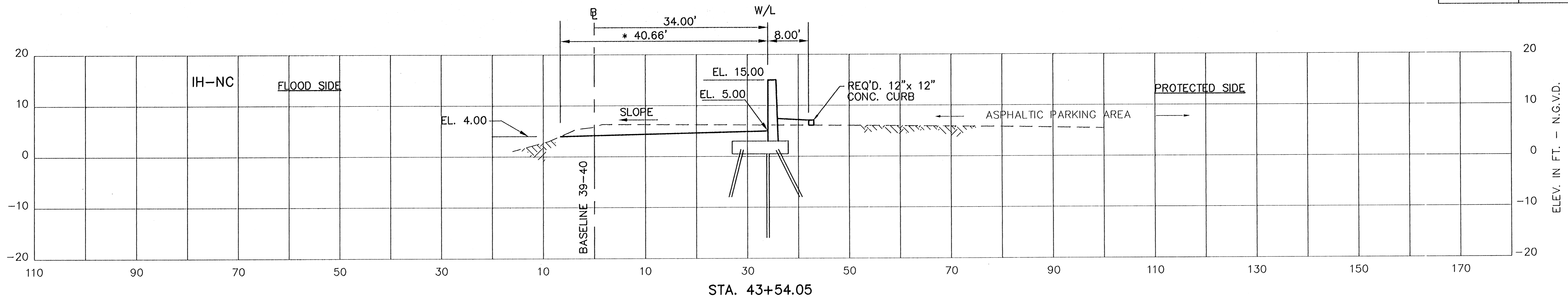


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS		DATE: JAN. 14, 1998	
SCALE AS SHOWN	DESIGNED J.N.S.	DRWN. E.B.K.	
CHECKED J.N.S.	APPROVED R.S.G.	SUBMITTED BY: R.S.G.	PROJECT ENGINEER
IDENTIFICATION NO. XSFINAL		APPROVED	
WILLIAM B. CROMARTE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W129		REQ#000303	

Jan 13, 1998 - 08:13:57 P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\XSFINAL [Login: Denv]

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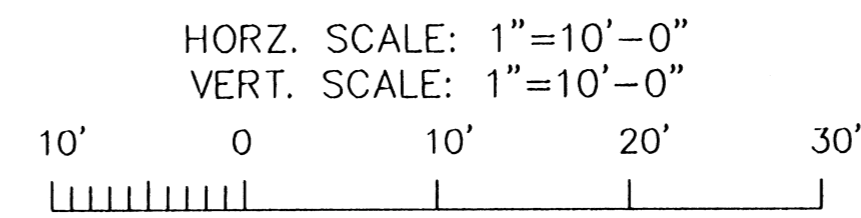
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	139



* DESIGN TOP BANK

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

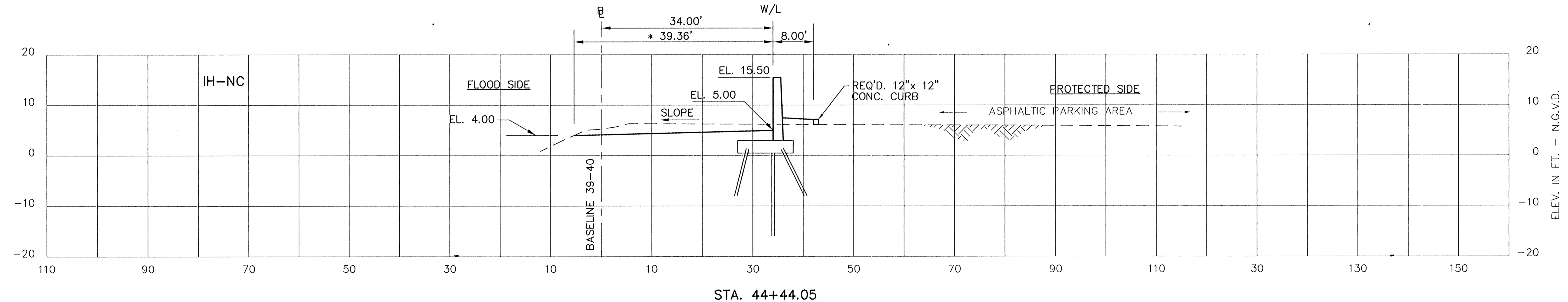
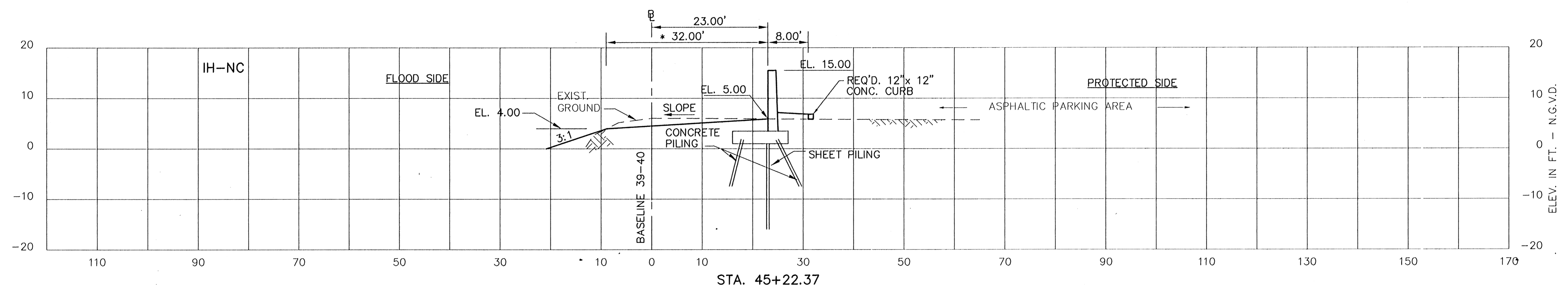
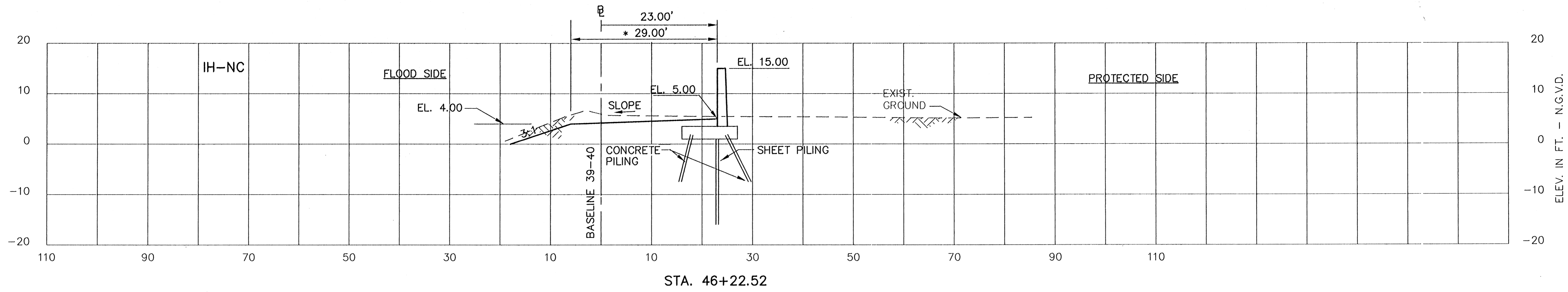


CONSULTING ENGINEERS		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 98+62.38 INTERMEDIATE CROSS SECTIONS	
DESIGNED	J.N.S.	DATE	JAN. 14, 1998
CHECKED	J.N.S.	DRAWN	E.B.K.
APPROVED	R.S.G.	SUBMITTED	R.S.G.
RECOMMENDED		PROJECT ENGINEER	
IDENTIFICATION NO. XSFINAL		WILLIAM B. CROMARIE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W130		REQ/000303	

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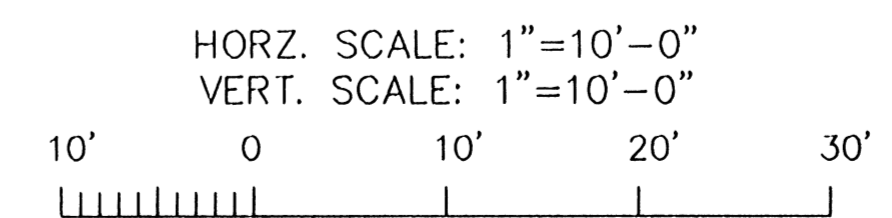
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	140



* DESIGN TOP BANK

NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.

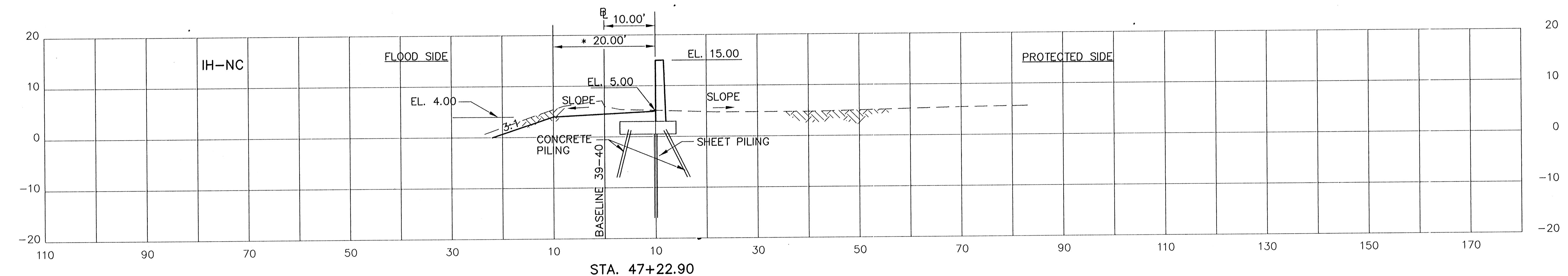
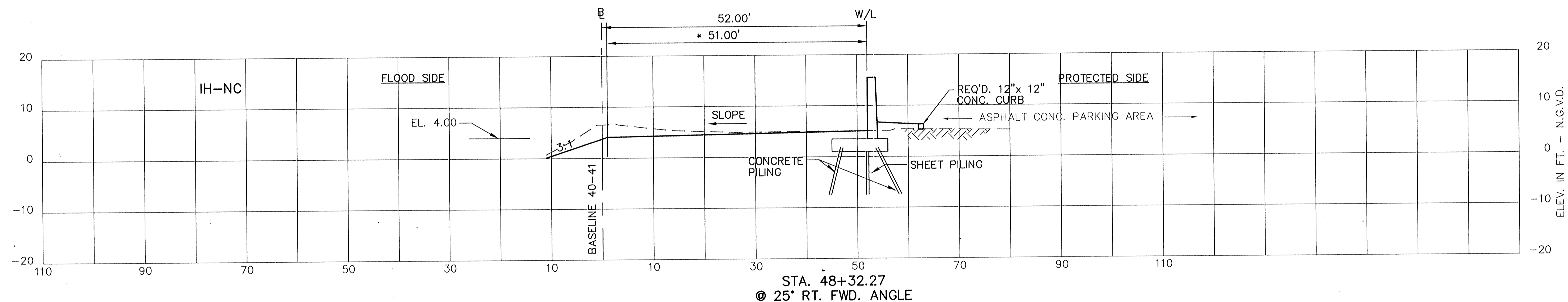
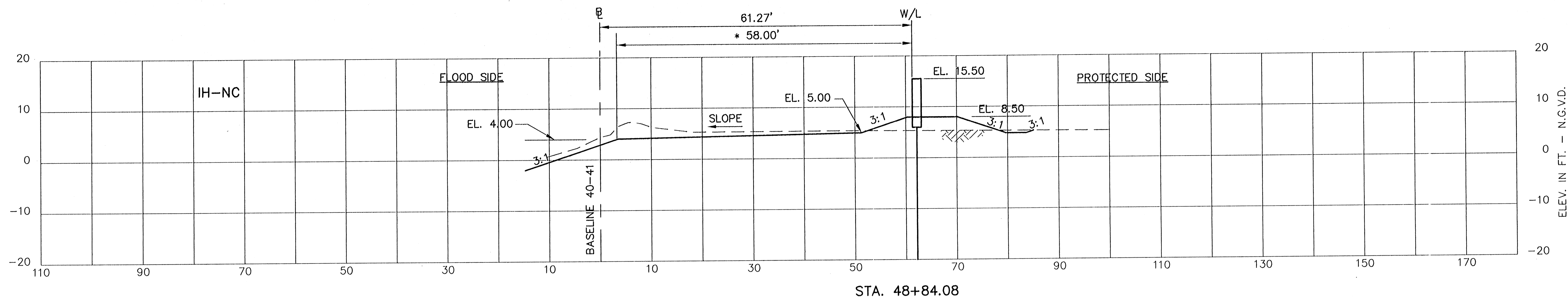


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL—SOUTH STA. 35+13.01 TO STA. 88+82.38 INTERMEDIATE CROSS SECTIONS	
DRAWN: E.B.K. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: E.B.K. SUBMITTED: R.S.G. PROJECT ENGINEER	IDENTIFICATION NO. XSFINAL WILLIAM B. CROMARIE, P.E. PROJECT ENGINEERING MANAGER DWG. NO. M11-7008-W131	

Jun 13, 1998 - 08:13:57 P&O FILE: G:\CAD\ACAD\504-006\PROJ-303\CIVIL\XSFINAL [Login: Dave]

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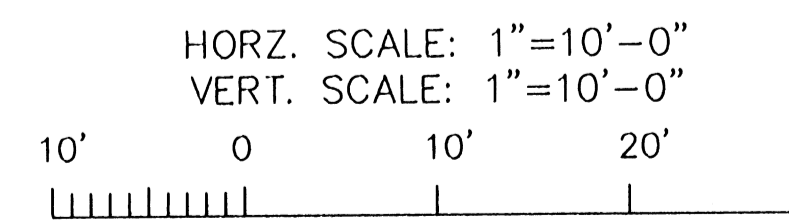
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	141



* DESIGN TOP BANK

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

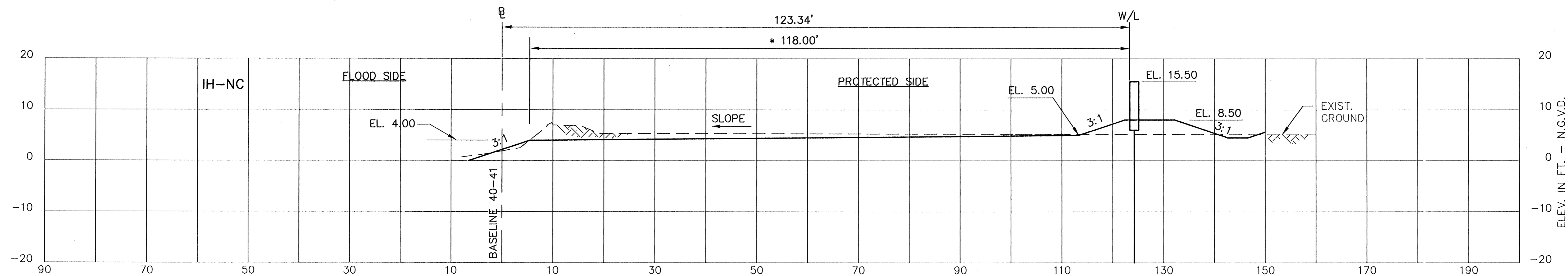


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL		FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+82.38	
INTERMEDIATE CROSS SECTIONS		DATE: JAN. 14, 1998	
DRAWN: E.B.K.	DESIGNED: J.N.S.	CHECKED: J.N.S.	APPROVED: R.S.G.
DESIGNED: J.N.S.	CHECKED: J.N.S.	APPROVED: R.S.G.	PROJECT ENGINEER
IDENTIFICATION NO. XSFINAL		APPROVED: _____	
WILLIAM B. GROMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W132		REQ000303	

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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	142

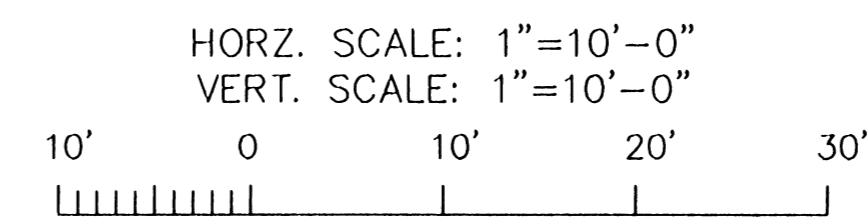


STA. 49+82.20
@ 41' RT. FWD. ANGLE

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

* DESIGN TOP BANK

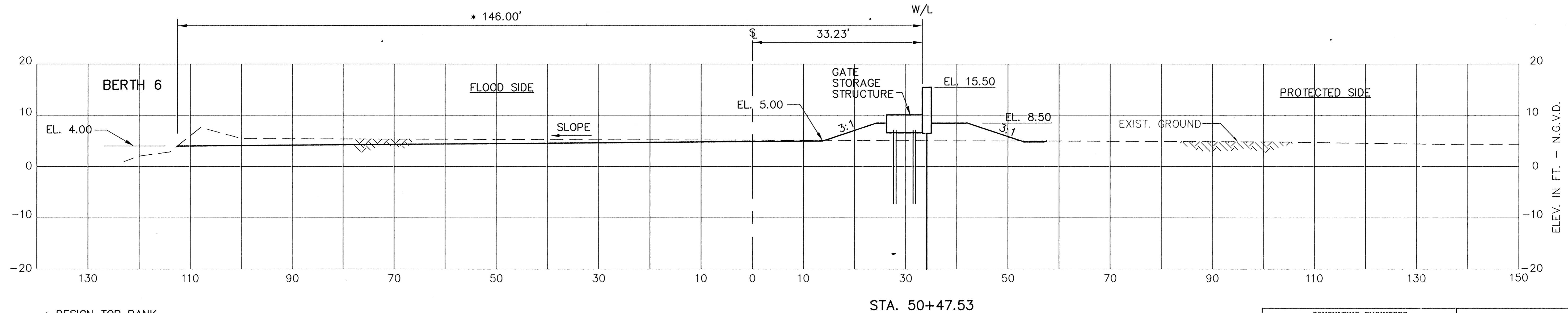
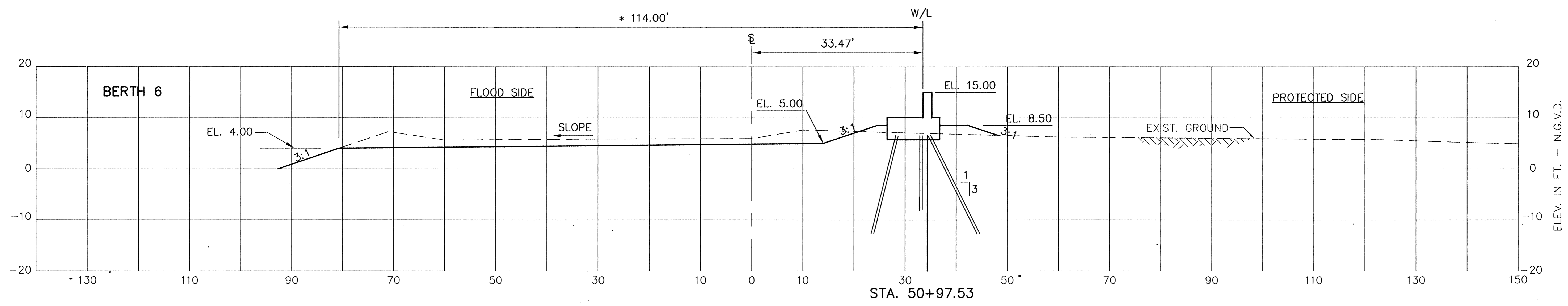
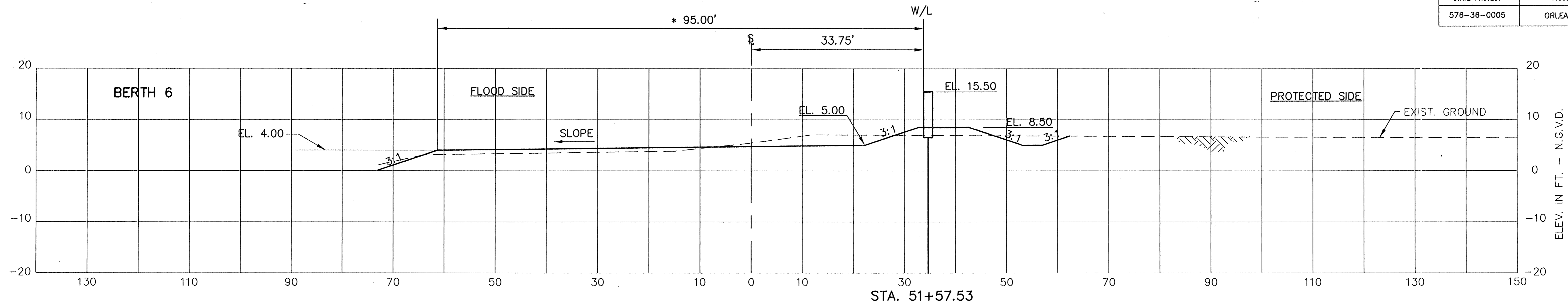


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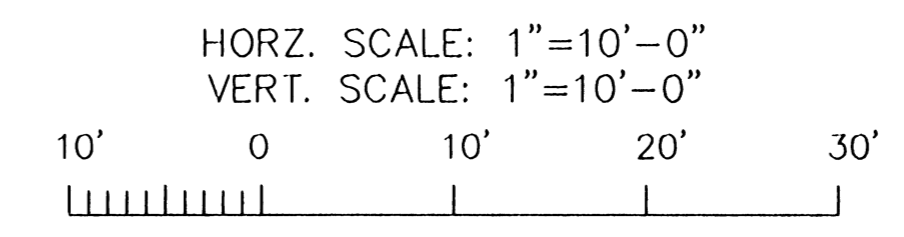
CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
		FRANCE ROAD TERMINAL	
		FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36	
		INTERMEDIATE CROSS SECTIONS	
DRAWN <u>E.B.K.</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> APPROVED <u>B.S.G.</u>	SCALE <u>AS SHOWN</u> DESIGNED <u>J.N.S.</u> CHECKED <u>J.N.S.</u> RECOMMENDED _____	DATE <u>JAN. 14, 1998</u> DRAWN <u>E.B.K.</u> SUBMITTED <u>R.S.G.</u> PROJECT ENGINEER	IDENTIFICATION NO. <u>XSFINAL</u>
		WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W133		REQ000303	

STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	143



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

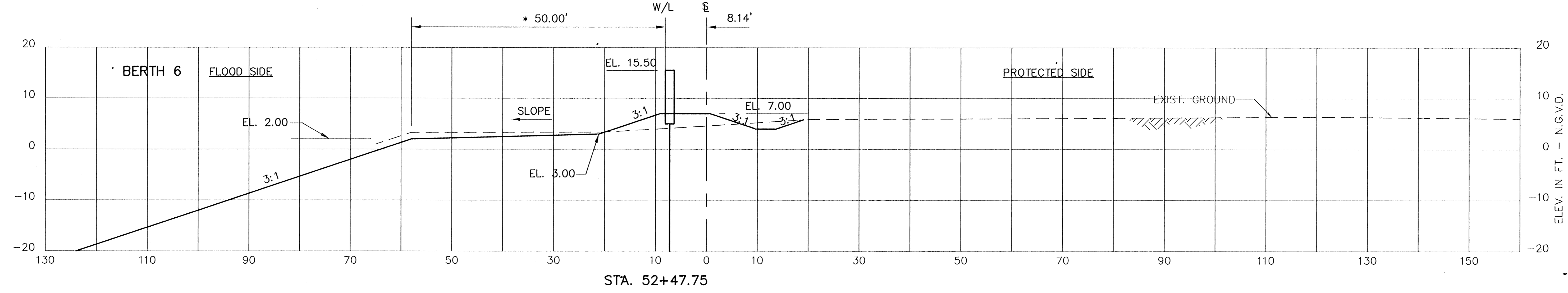
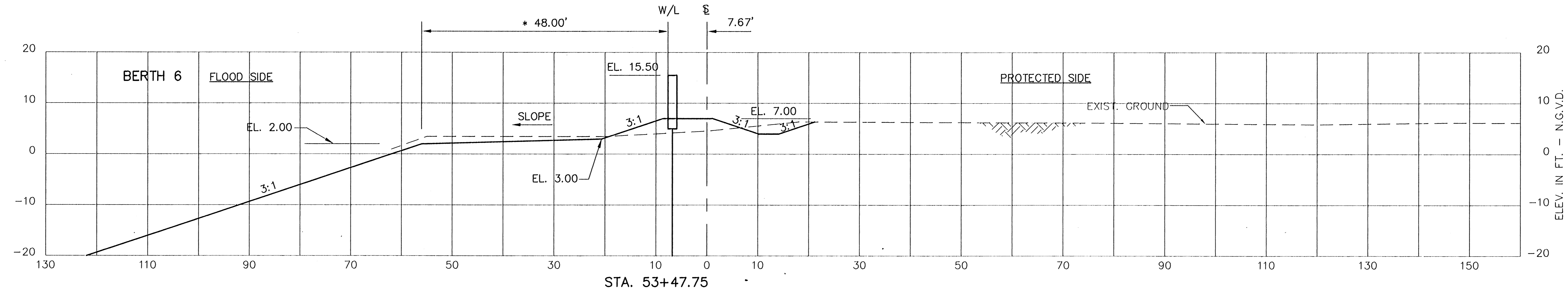
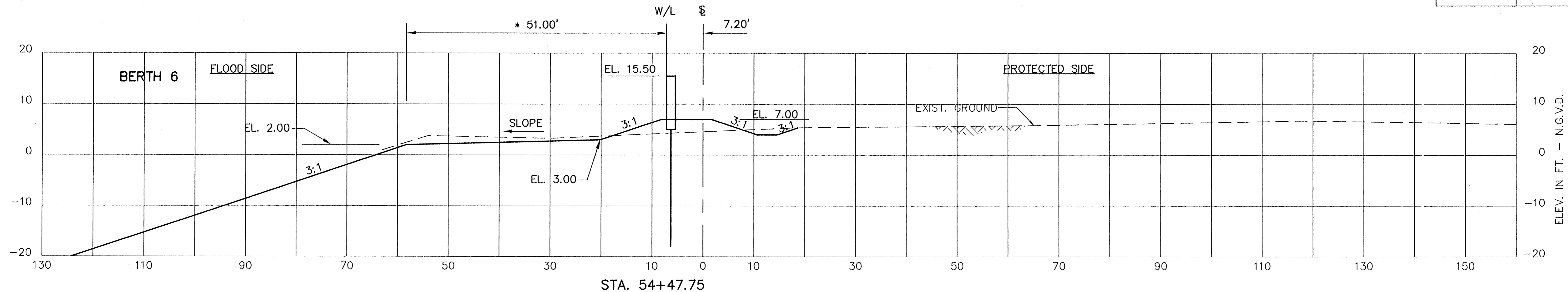


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS	
DESIGNED J.N.S.	CHECKED J.N.S.	DATE JAN. 14, 1998	DRAWN E.B.K.
APPROVED B.S.G.	CHECKED J.N.S.	BY R.S.G.	PROJECT ENGINEER
IDENTIFICATION NO. XSEC-B		RECOMMENDED BY WILLIAM B. CROMARTIE, P.E. DIRECTOR OF ENGINEERING	
DRAWN E.B.K.		DATE JAN. 14, 1998	
DESIGNED J.N.S.		DRAWN E.B.K.	
CHECKED J.N.S.		SUBMITTED BY R.S.G.	
APPROVED B.S.G.		PROJECT ENGINEER	
RECOMMENDED BY WILLIAM B. CROMARTIE, P.E. DIRECTOR OF ENGINEERING		APPROVED BY KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W134		REQ000303	

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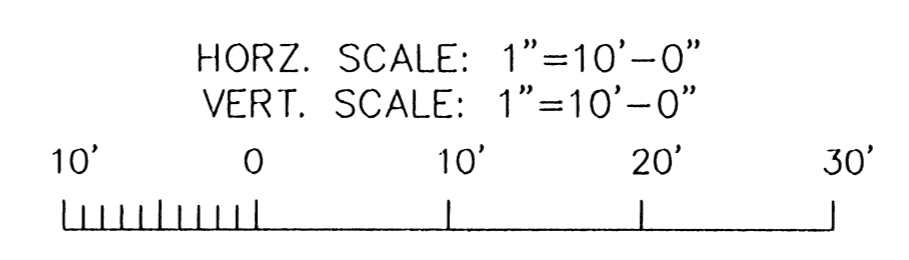
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	144



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

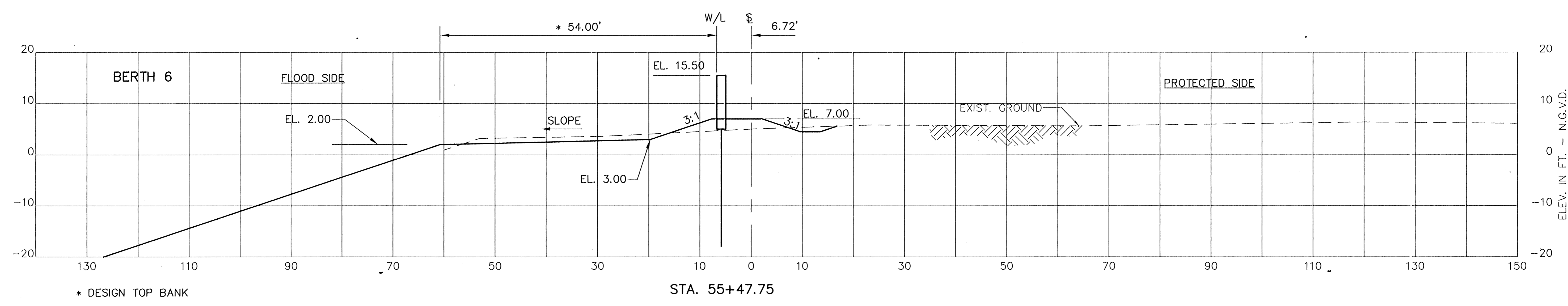
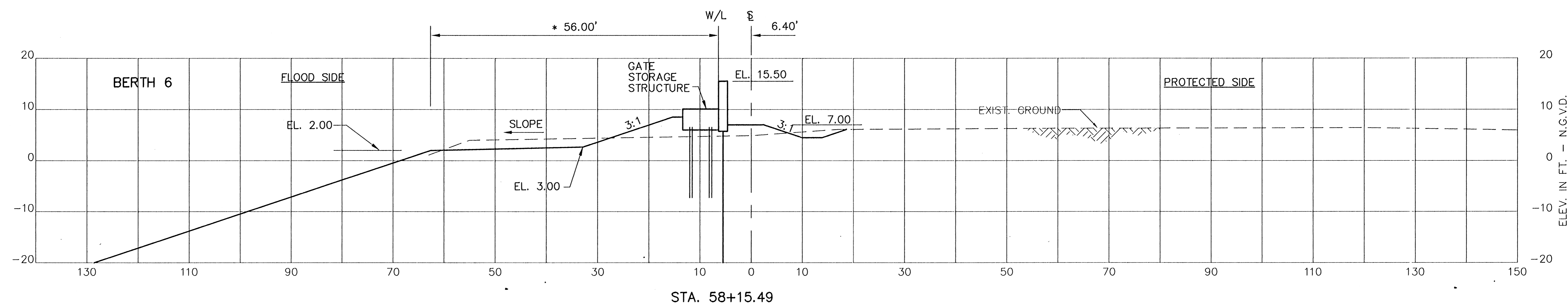
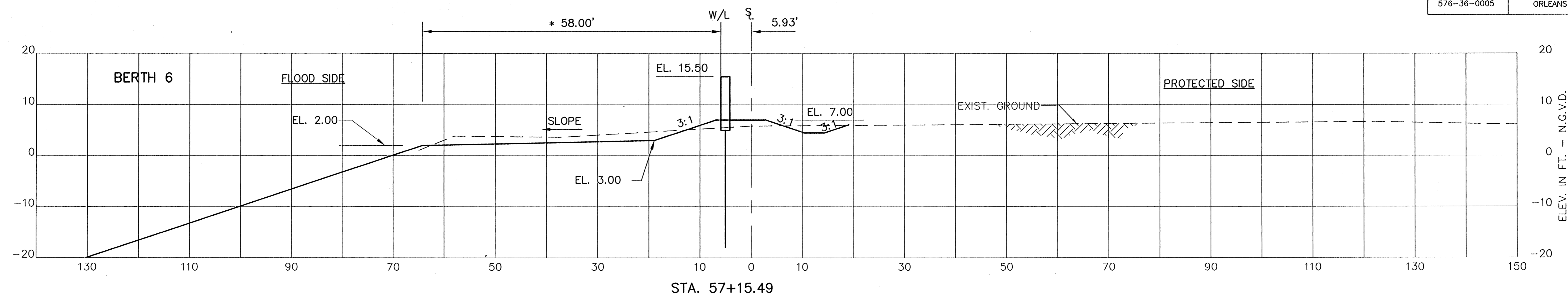


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 80+82.36 INTERMEDIATE CROSS SECTIONS	
SCALE AS SHOWN	DATE JAN. 14, 1998	DESIGNED J.N.S.	DRAWN E.B.K.
CHECKED J.N.S.		APPROVED R.S.G.	SUBMITTED BY R.S.G.
RECOMMENDED		PROJECT ENGINEER	
IDENTIFICATION NO. XSEC-B		WILLIAM B. CORMARIE, P.E. PROJECT ENGINEERING MANAGER	
		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W135		REQ#000303	

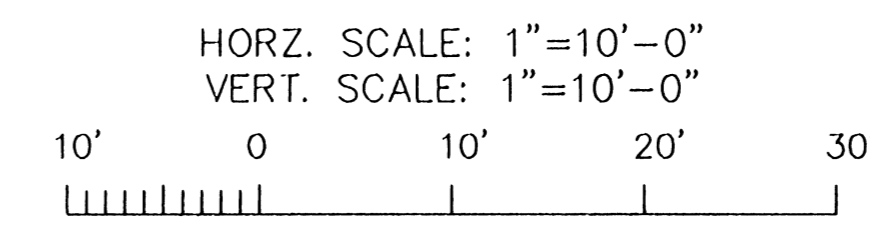
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	145



- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

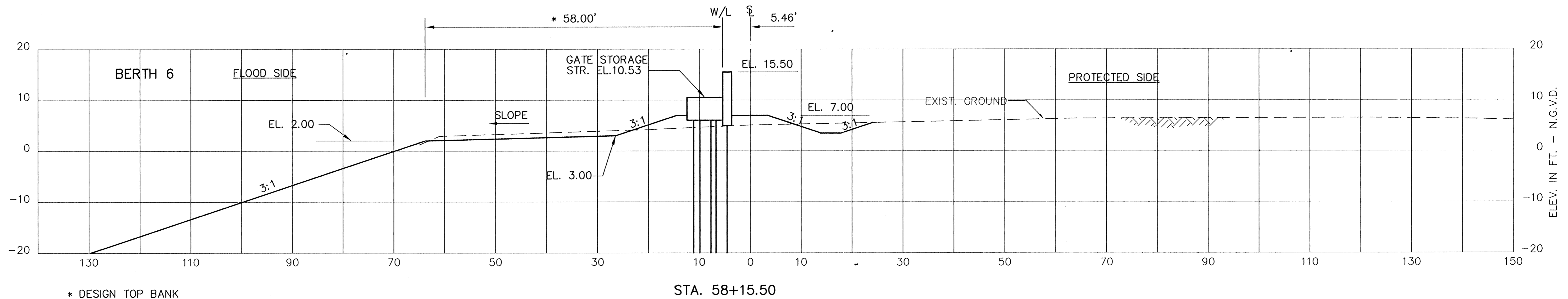
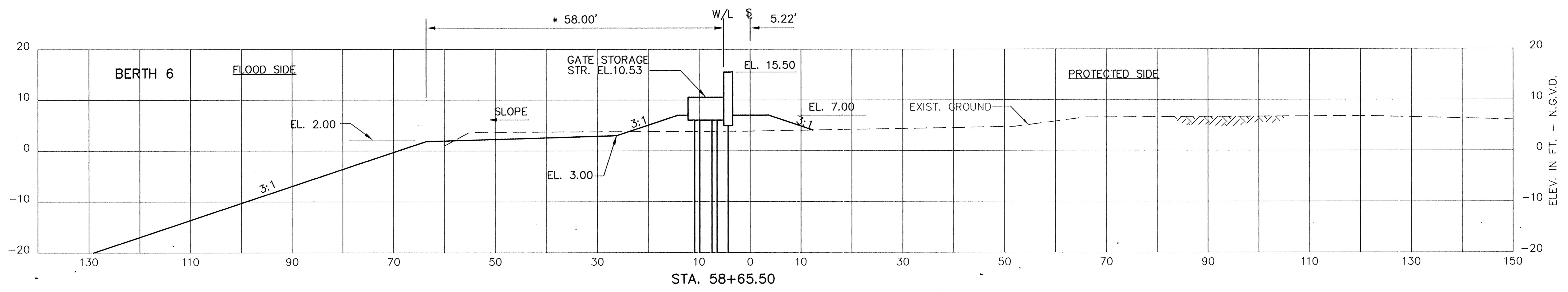
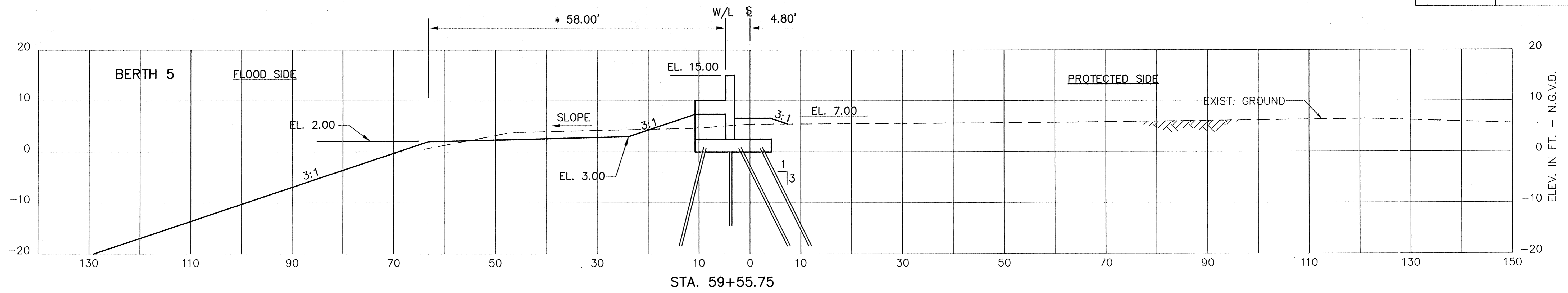


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+62.36 INTERMEDIATE CROSS SECTIONS	
	DRAWN: E.B.K. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: J.N.S.	DATE: JAN. 14, 1998 DRAWN: E.B.K. SUBMITTED: R.S.C. PROJECT ENGINEER	IDENTIFICATION NO. XSEC-B
RECOMMENDED: WILLIAM B. CROMARTIE, P.E., PROJECT ENGINEERING MANAGER		APPROVED: KYLE C. JONES, P.E., DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W136		REQ000303	

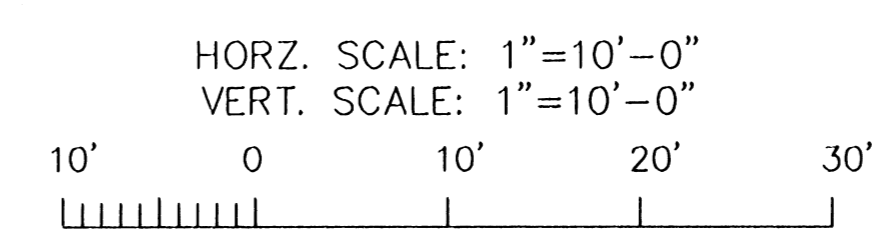
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	146



- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

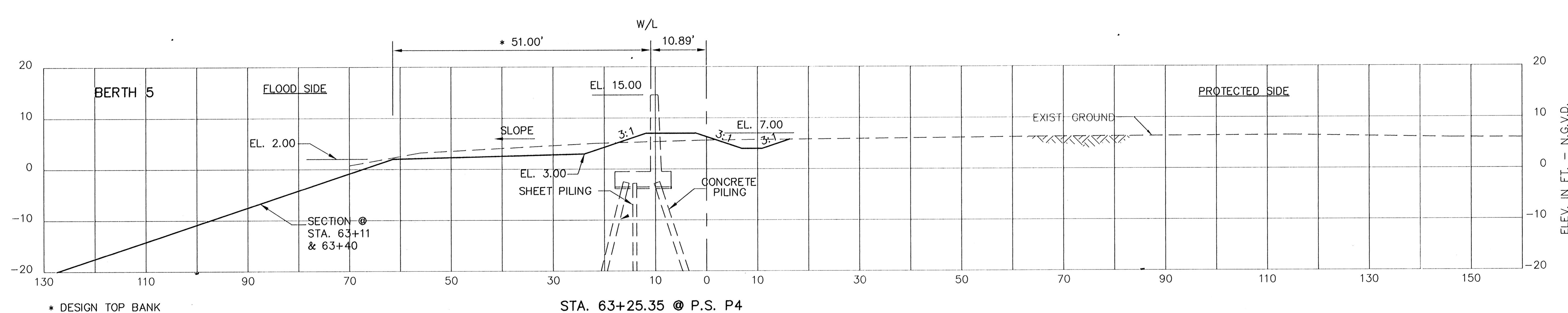
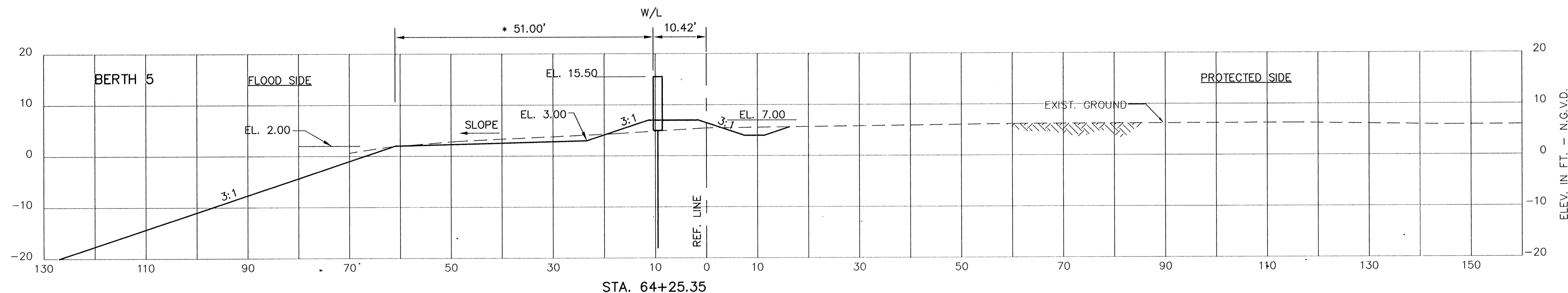
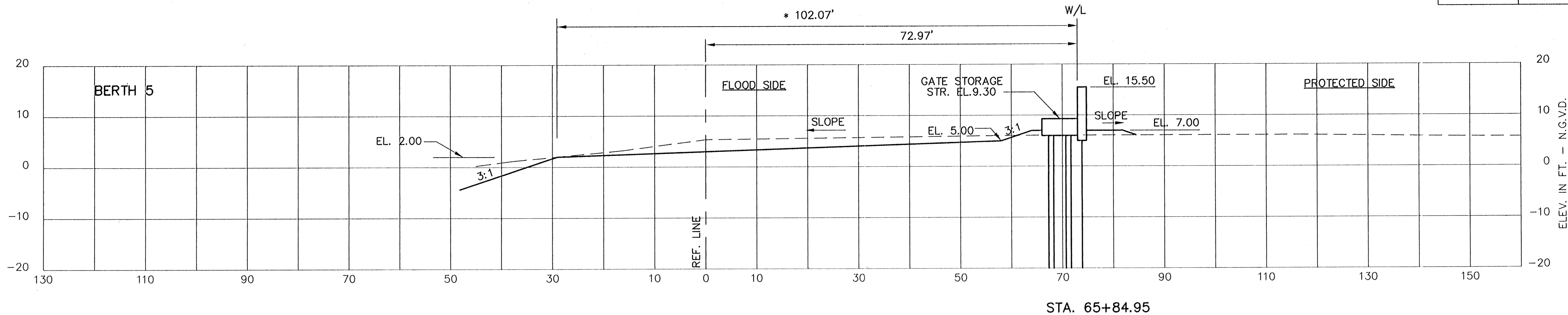


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 98+82.36 INTERMEDIATE CROSS SECTIONS	
DRAWN E.B.K. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN E.B.K. SUBMITTED R.S.G. PROJECT ENGINEER	SCALE AS SHOWN DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN E.B.K. SUBMITTED R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. XSEC-B		RECOMMENDED WILLIAM B. CROWARTIE, P.E. PROJECT ENGINEERING MANAGER	
		RYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W137		REF0000303	

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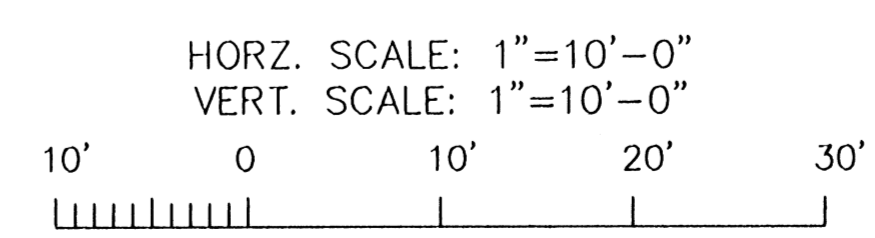
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	148



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

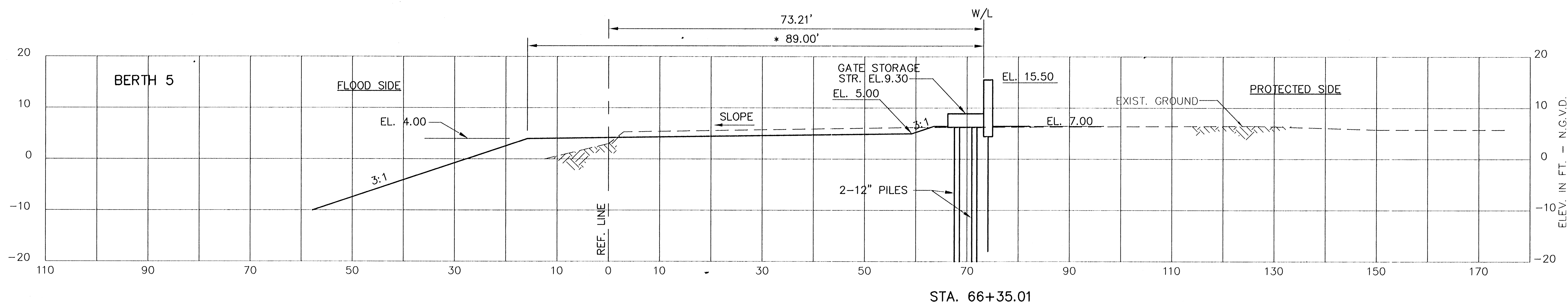
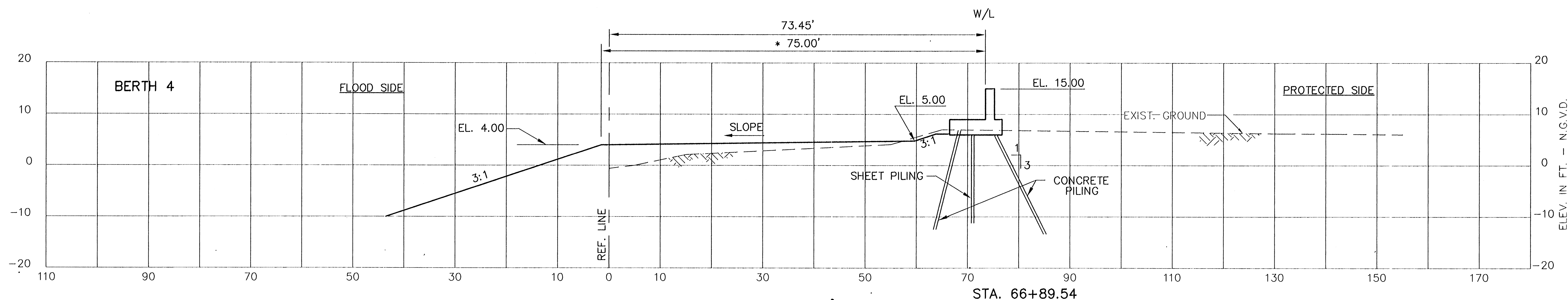
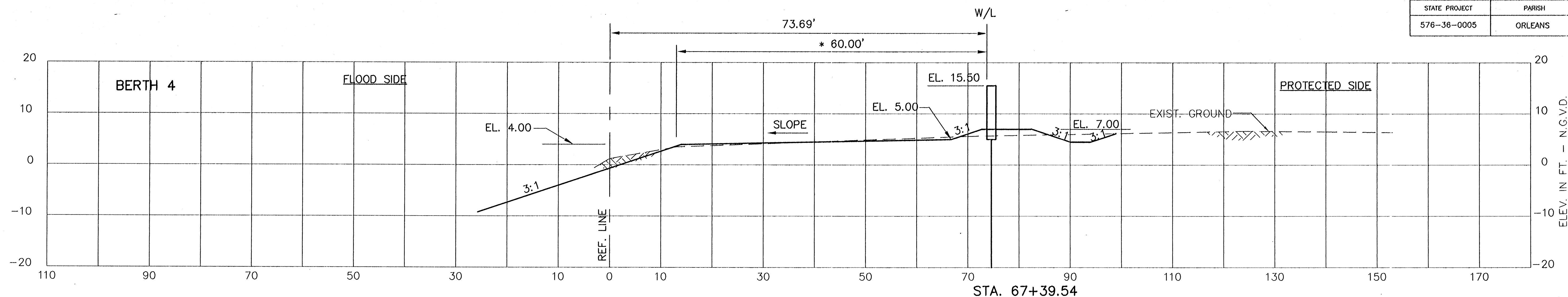


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+52.36 INTERMEDIATE CROSS SECTIONS		SCALE AS SHOWN	
DESIGNED J.N.S.	CHECKED J.N.S.	DATE JAN. 14, 1998	DRAWN E.B.K.
APPROVED R.S.G.	APPROVED R.S.G.		SUBMITTED E.B.K.
IDENTIFICATION NO. XSEC-B		RECOMMENDED BY PROJECT ENGINEER	
WILLIAM B. ODOM, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W139		REQ#000903	

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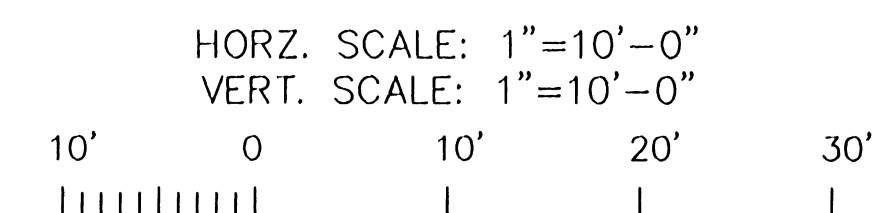
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	149



* DESIGN TOP BANK

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

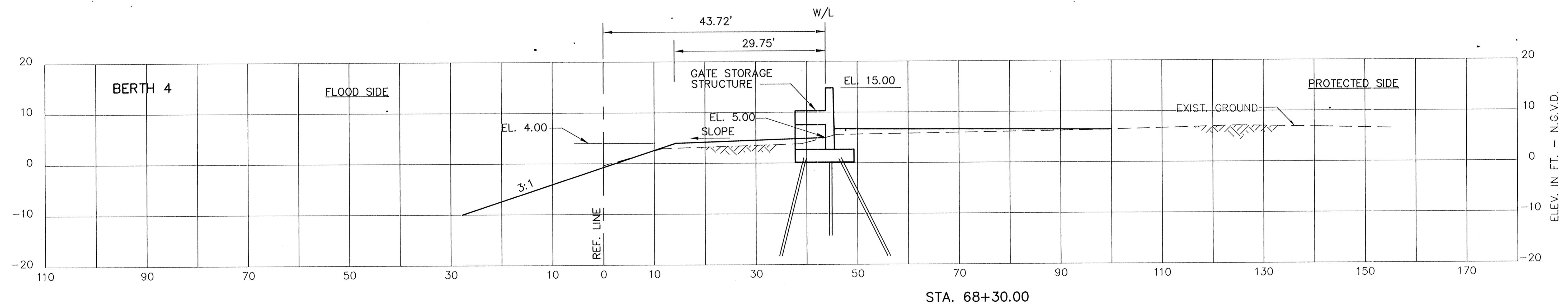
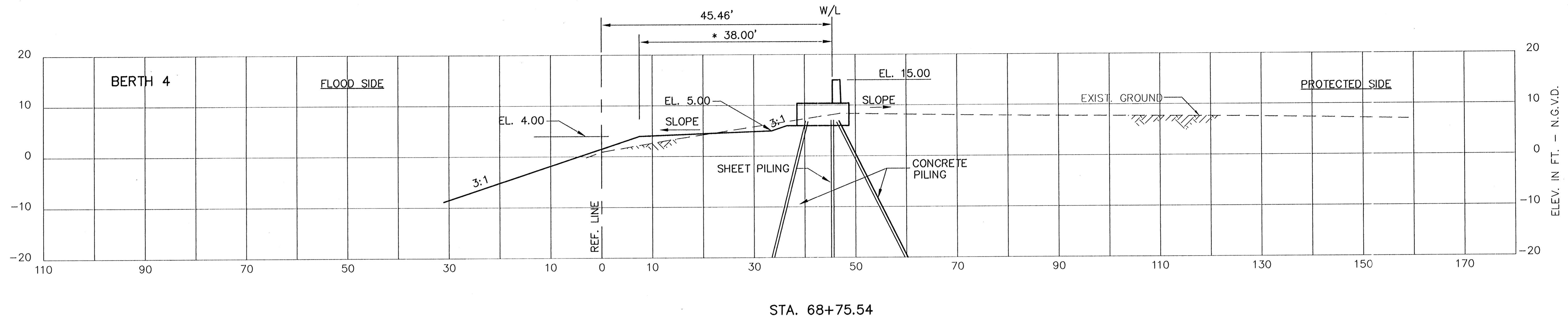


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS	
DESIGNED: J.N.S.	CHECKED: J.N.S.	DATE: JAN. 14, 1998	DRAWN: E.B.K.
APPROVED: B.S.G.	RECOMMENDED: _____	PROJECT ENGINEER	PROJECT ENGINEER
IDENTIFICATION NO. XSEC-B		WILLIAM B. CROMARTIE, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W140		REQ#000303	

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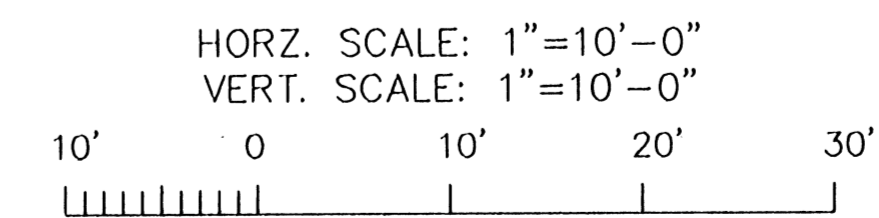
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	150



* DESIGN TOP BANK

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

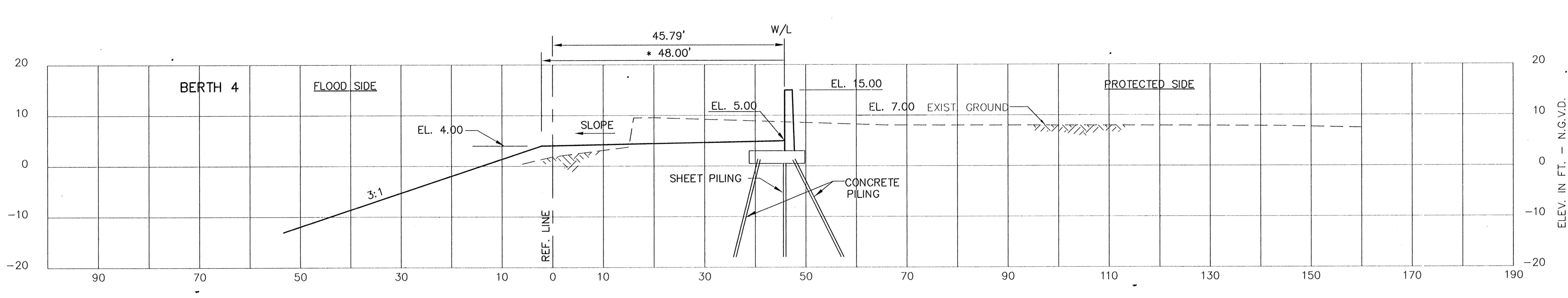
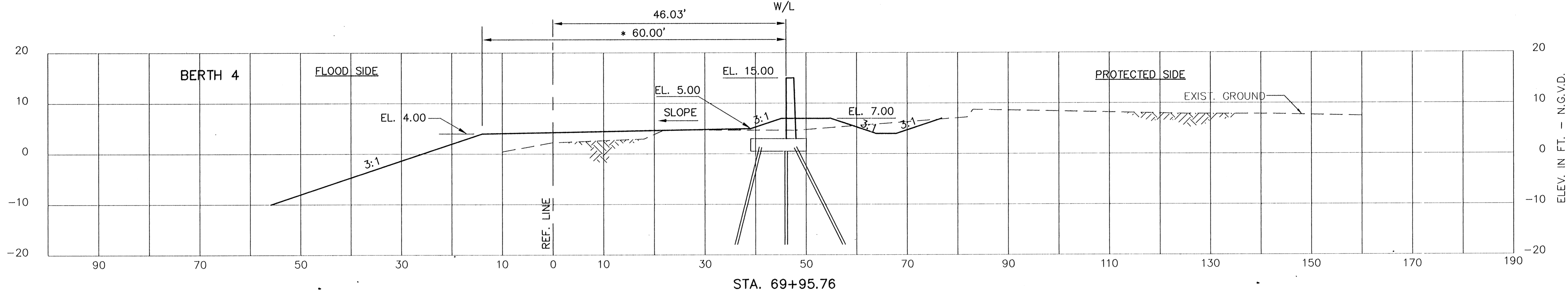
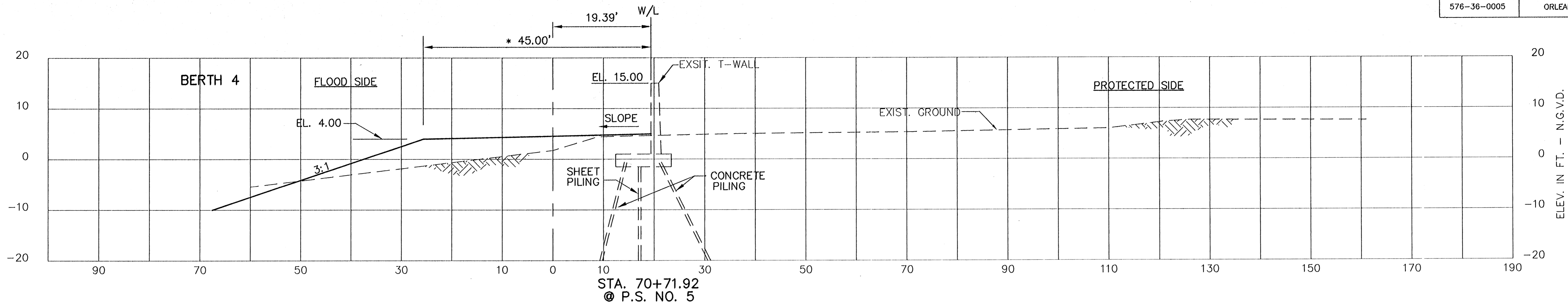


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS		SCALE AS SHOWN DATE: JAN. 14, 1998	
DESIGNED J.N.S.	CHECKED J.N.S.	APPROVED R.S.G.	RECOMMENDED
DRAWN E.B.K.	CHECKED J.N.S.	APPROVED R.S.G.	RECOMMENDED
IDENTIFICATION NO. XSEC-B		WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER	
G.W. NO. M11-7008-W141		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
		REG000303	

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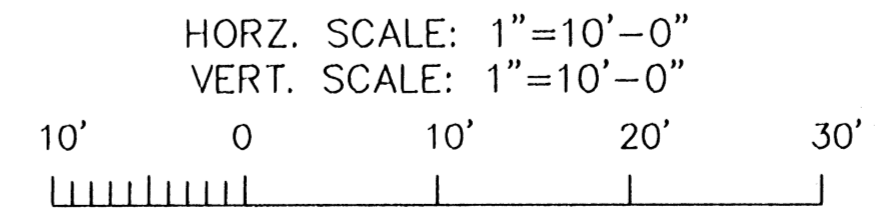
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	151



* DESIGN TOP BANK

NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.

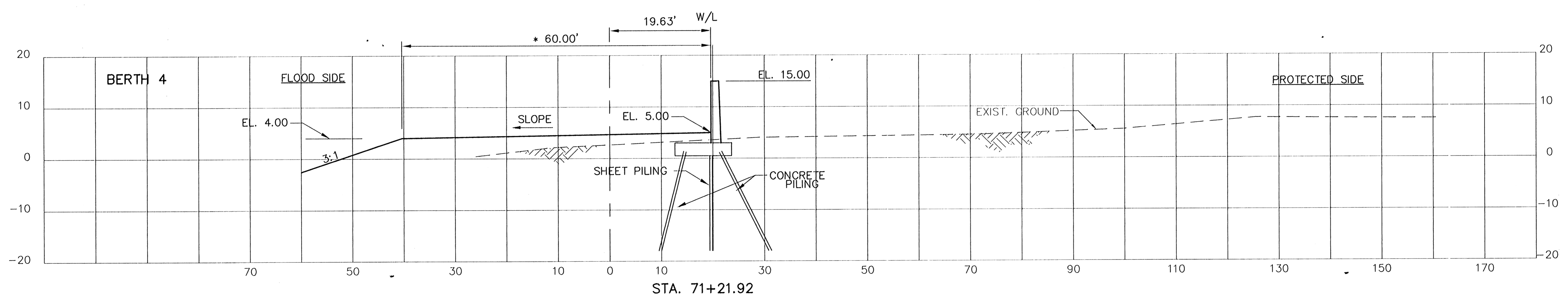
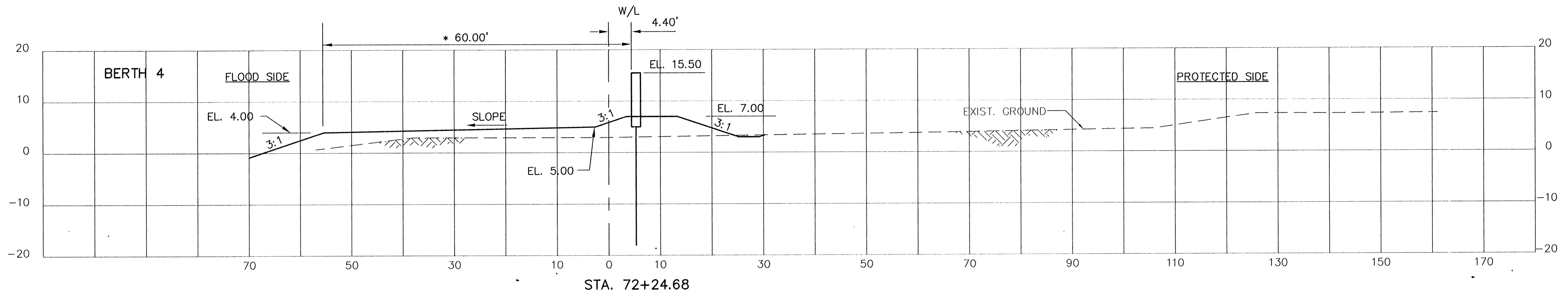
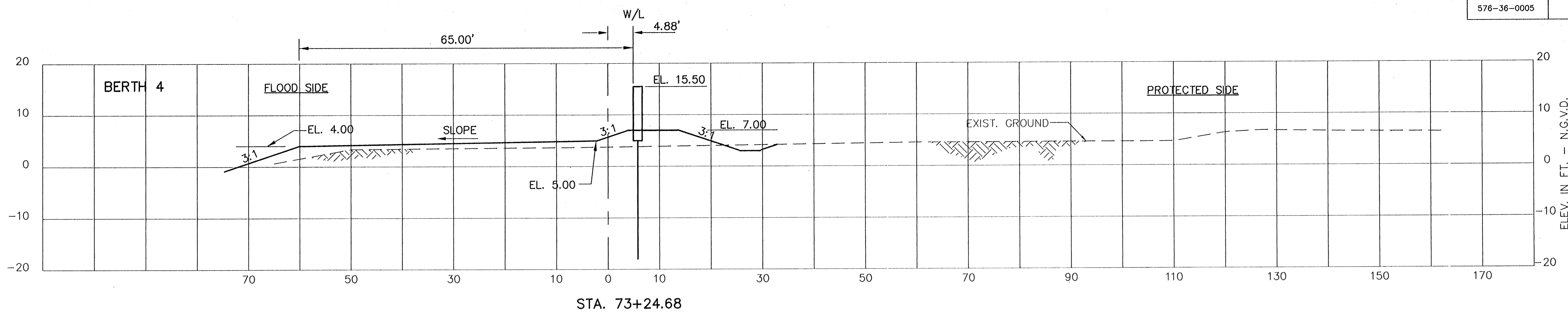


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL - SOUTH STA. 35+13.01 TO STA. 88+02.38 INTERMEDIATE CROSS SECTIONS	
DRAWN: E.B.K. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: E.B.K. SUBMITTED: R.S.G. PROJECT ENGINEER	SCALE AS SHOWN DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.	DATE: JAN. 14, 1998 DRAWN: E.B.K. SUBMITTED: R.S.G. PROJECT ENGINEER
IDENTIFICATION NO. XSEC-B		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER WYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W142		REG#000303	

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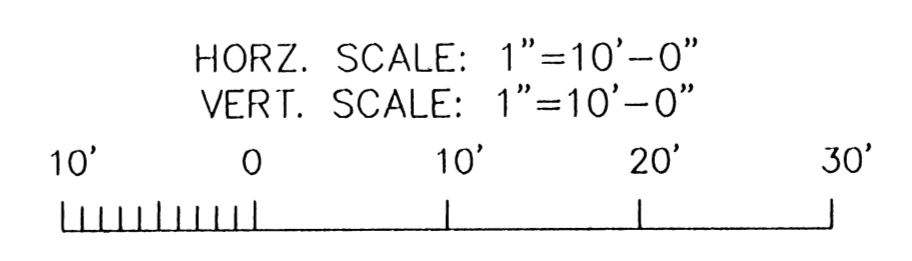
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	152



* DESIGN TOP BANK

- NOTES:
1. STATIONS SHOWN ARE WALL LINE STATIONS.
 2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

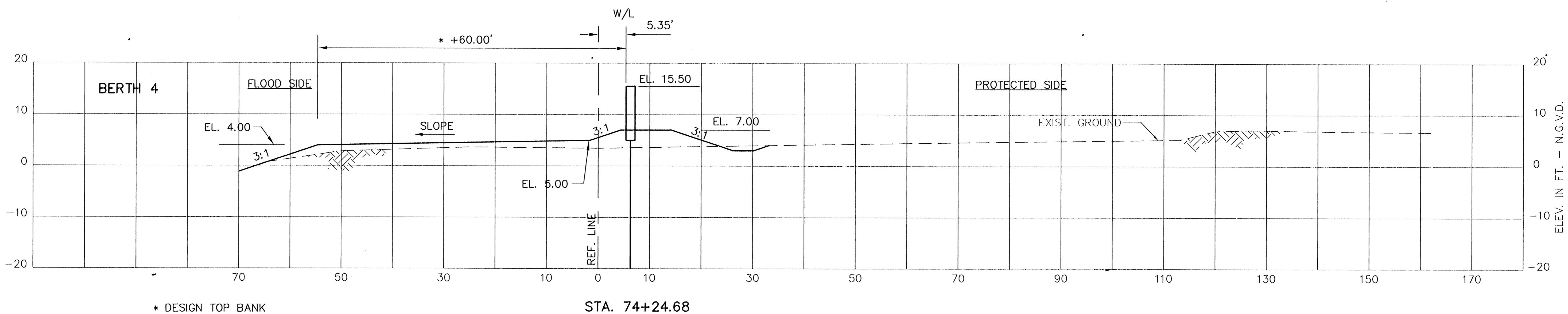
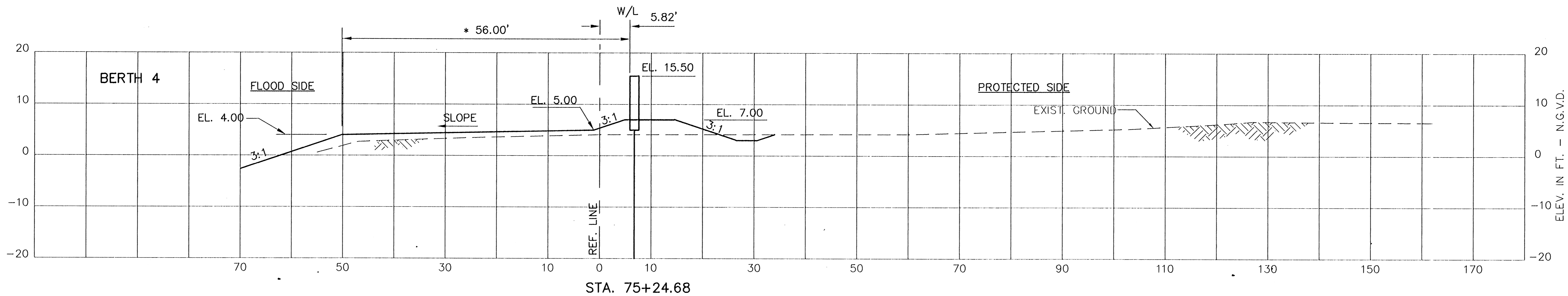
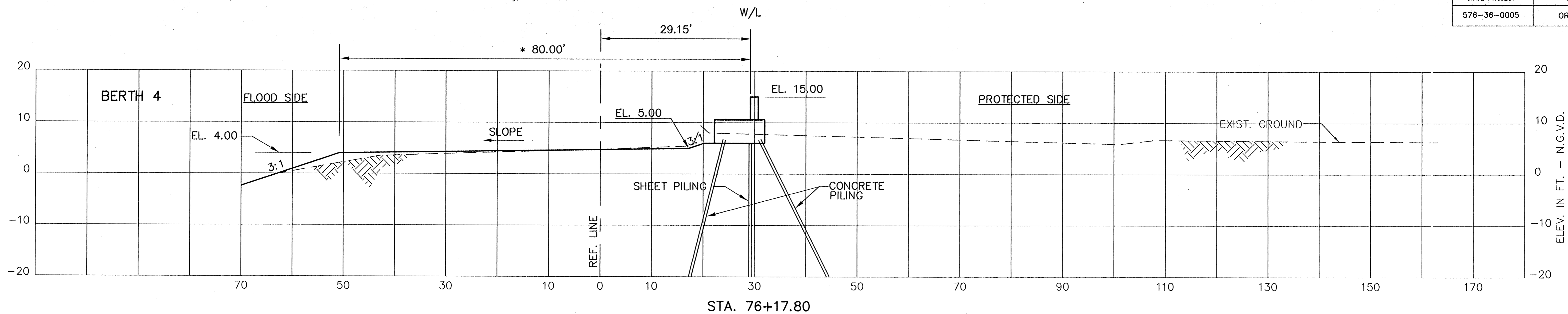


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 55+13.01 TO STA. 88+52.36 INTERMEDIATE CROSS SECTIONS	
DRAWN: E.B.K. DESIGNED: J.N.S. CHECKED: J.N.S. APPROVED: R.S.G.		DATE: JAN. 14, 1998 DRAWN: E.B.K. SUBMITTED: R.S.G. APPROVED: PROJECT ENGINEER	
IDENTIFICATION NO. XSEC--B		WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER MILE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W143		REF: 000303	

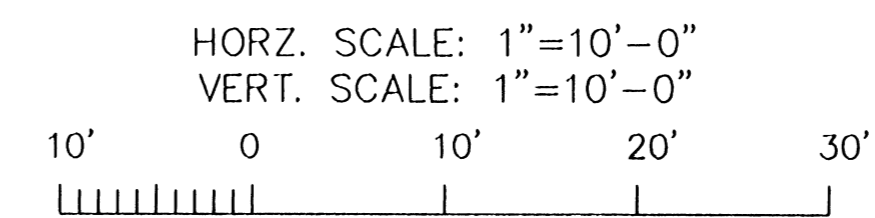
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STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	153



- NOTES:
- STATIONS SHOWN ARE WALL LINE STATIONS.
 - REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

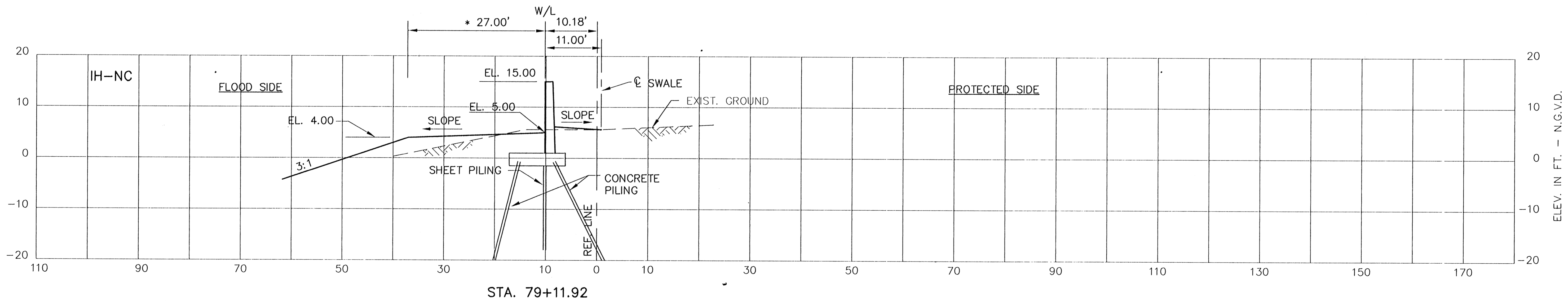
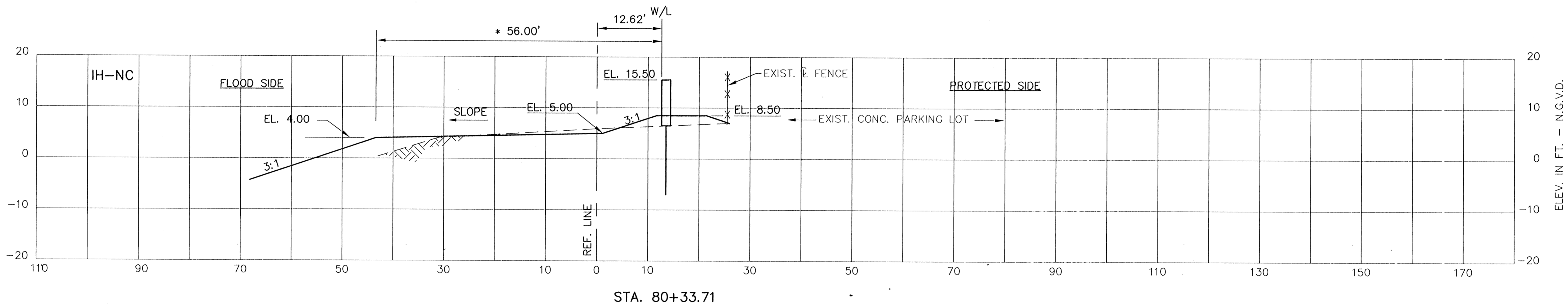
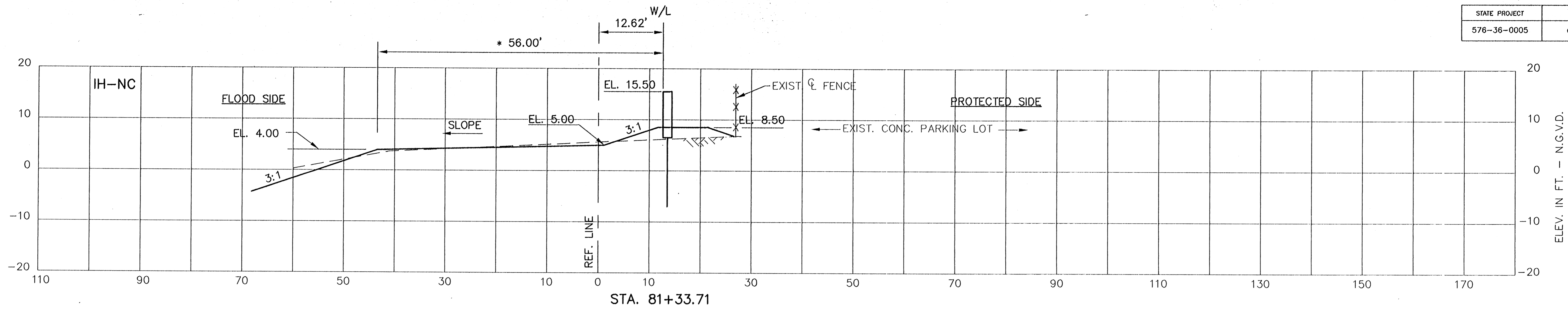


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS	
	DRAWN E.B.K. DESIGNED J.N.S. CHECKED J.N.S. APPROVED R.S.G.	DATE JAN. 14, 1998 DRAWN E.B.K. SUBMITTED R.S.G. PROJECT ENGINEER	RECOMMENDED WILLIAM B. CHAMARIE, P.E. PROJECT ENGINEERING MANAGER
IDENTIFICATION NO. XSEC-B		DWG. NO. M11-7008-W144	

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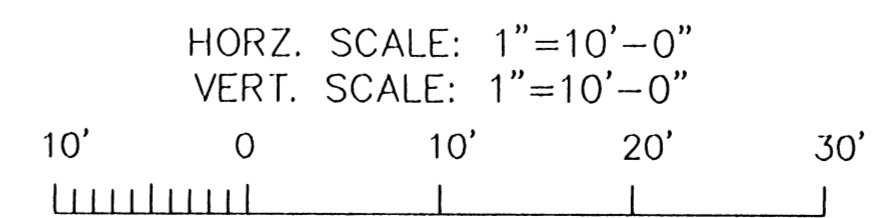
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NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.

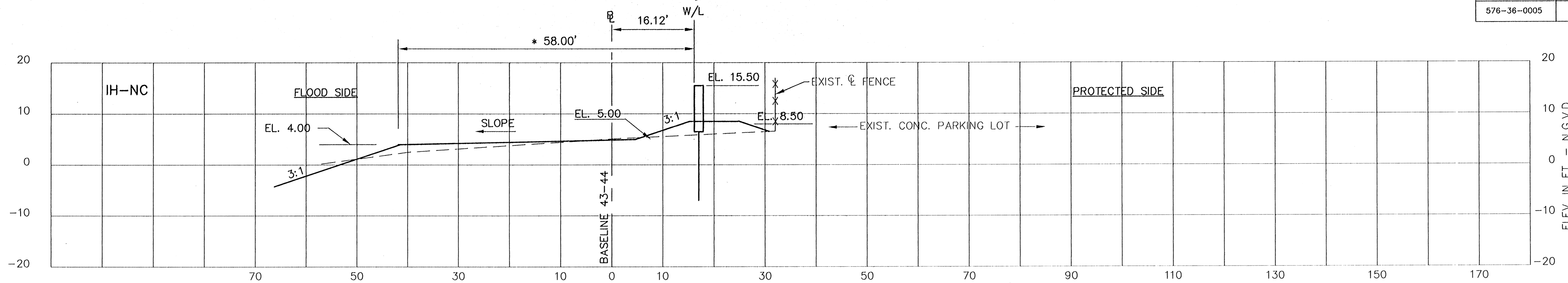


CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL-SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS	
DESIGNED J.N.S.	CHECKED L.A.L.	APPROVED B.S.G.	RECOMMENDED
DATE	DATE	DATE	DATE
SCALE AS SHOWN	DATE: JAN. 14, 1998	DESIGNED J.N.S.	DATE: JAN. 14, 1998
CHECKED L.A.L.	DATE	CHECKED J.N.S.	DATE
APPROVED B.S.G.	DATE	APPROVED B.S.G.	DATE
IDENTIFICATION NO. XSEC-13	RECOMMENDED BY	APPROVED BY	DATE
WILLIAM B. CROMBIE, P.E. PROJECT ENGINEERING MANAGER	WILE C. JONES, P.E. DIRECTOR OF ENGINEERING		
DWG. NO. M11-7008-W146		REQ#000303	

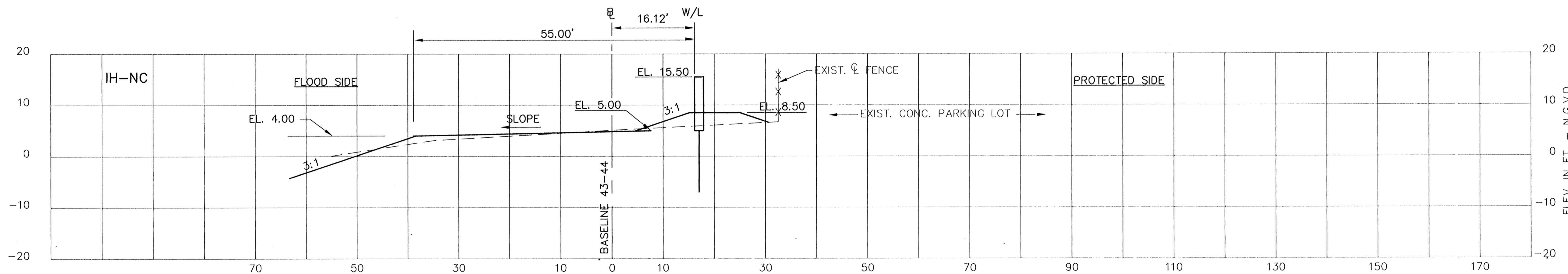
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REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE
1		2		3		4		5		6		7		8		9	

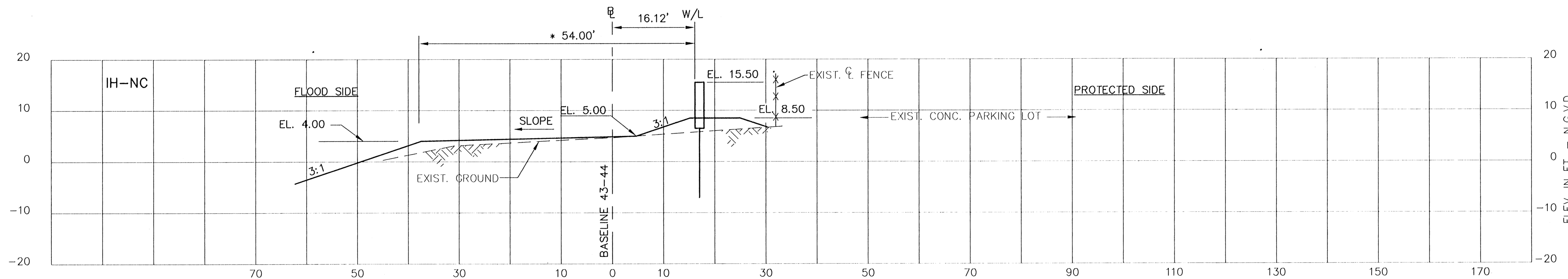
STATE PROJECT	PARISH	SHEET NO.
576-36-0005	ORLEANS	156



STA. 84+46.76



STA. 83+46.76

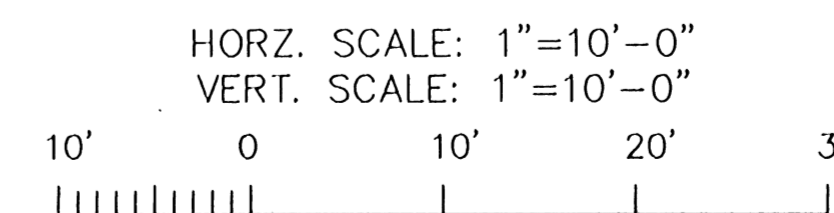


STA. 82+46.76

* DESIGN TOP BANK

NOTES:

1. STATIONS SHOWN ARE WALL LINE STATIONS.
2. REFER TO THE TYPICAL SECTIONS FOR BERM DIMENSIONS AND OTHER DETAILS NOT SHOWN.



CONSULTING ENGINEERS PYBURN & ODOM, INC. BATON ROUGE, LOUISIANA		BOARD OF COMMISSIONERS PORT OF NEW ORLEANS	
		FRANCE ROAD TERMINAL FLOOD CONTROL IMPROVEMENTS TO TIDEWATER AREA FLOODWALL—SOUTH STA. 35+13.01 TO STA. 88+82.36 INTERMEDIATE CROSS SECTIONS	
SCALE AS SHOWN	DATE JAN. 14, 1998	DESIGNED J.N.S.	DRAWN E.B.K.
CHECKED J.N.S.		APPROVED R.S.G.	PROJECT ENGINEER
IDENTIFICATION NO. XSEC-B		APPROVED	
WILLIAM B. CROMARTIE, P.E. PROJECT ENGINEERING MANAGER		KYLE C. JONES, P.E. DIRECTOR OF ENGINEERING	
DWG. NO. M11-7008-W147		REF0000303	

Jan 13, 1998 - 08:48:46 P&O FILE: C:\CADD\200\804-006\PROJ-303\CIVIL\XSEC-B [Login: Dwg]

REV. 7	BY	DATE	REV. 6	BY	DATE	REV. 5	BY	DATE	REV. 4	BY	DATE	REV. 3	BY	DATE	REV. 2	BY	DATE	REV. 1	BY	DATE
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