


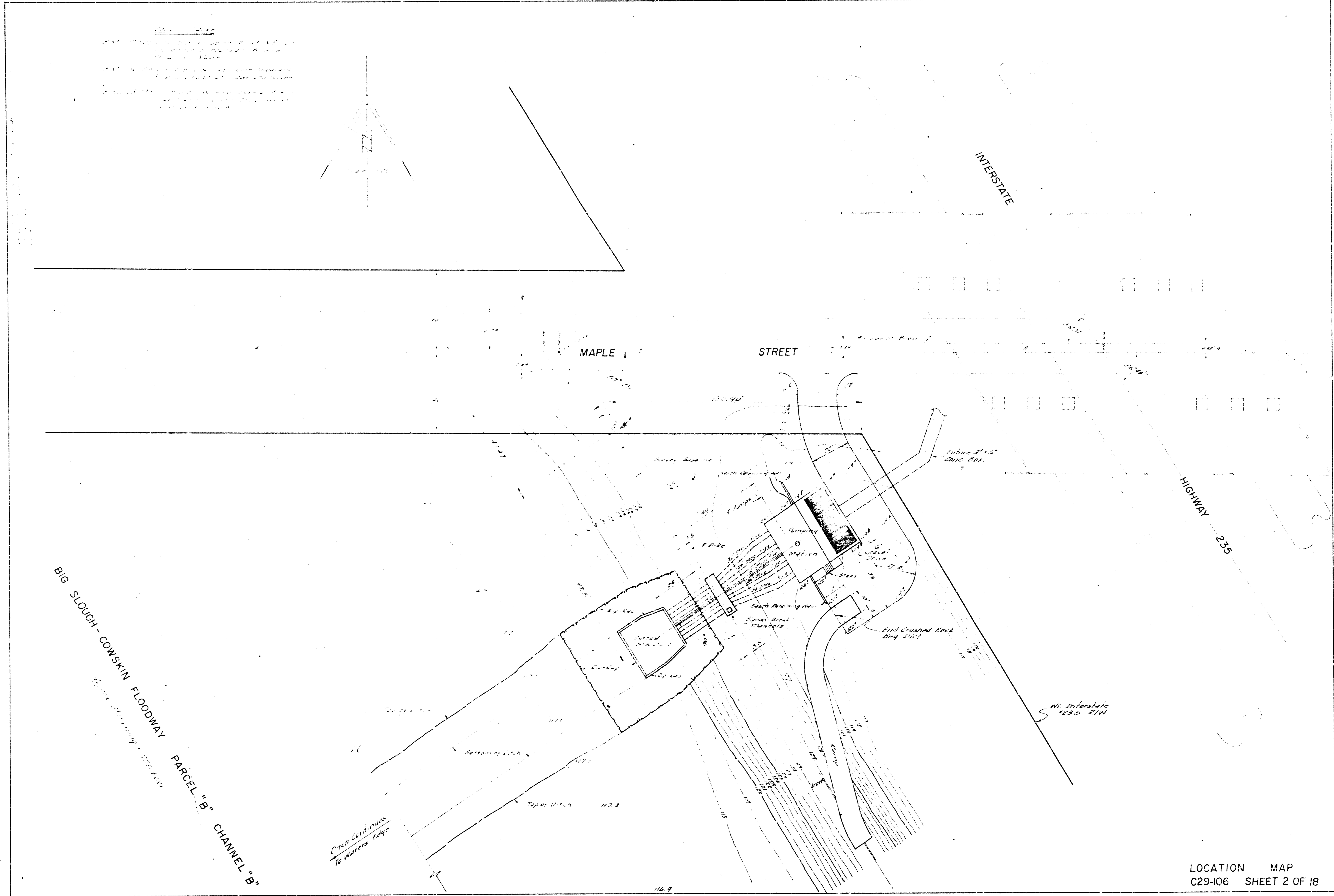


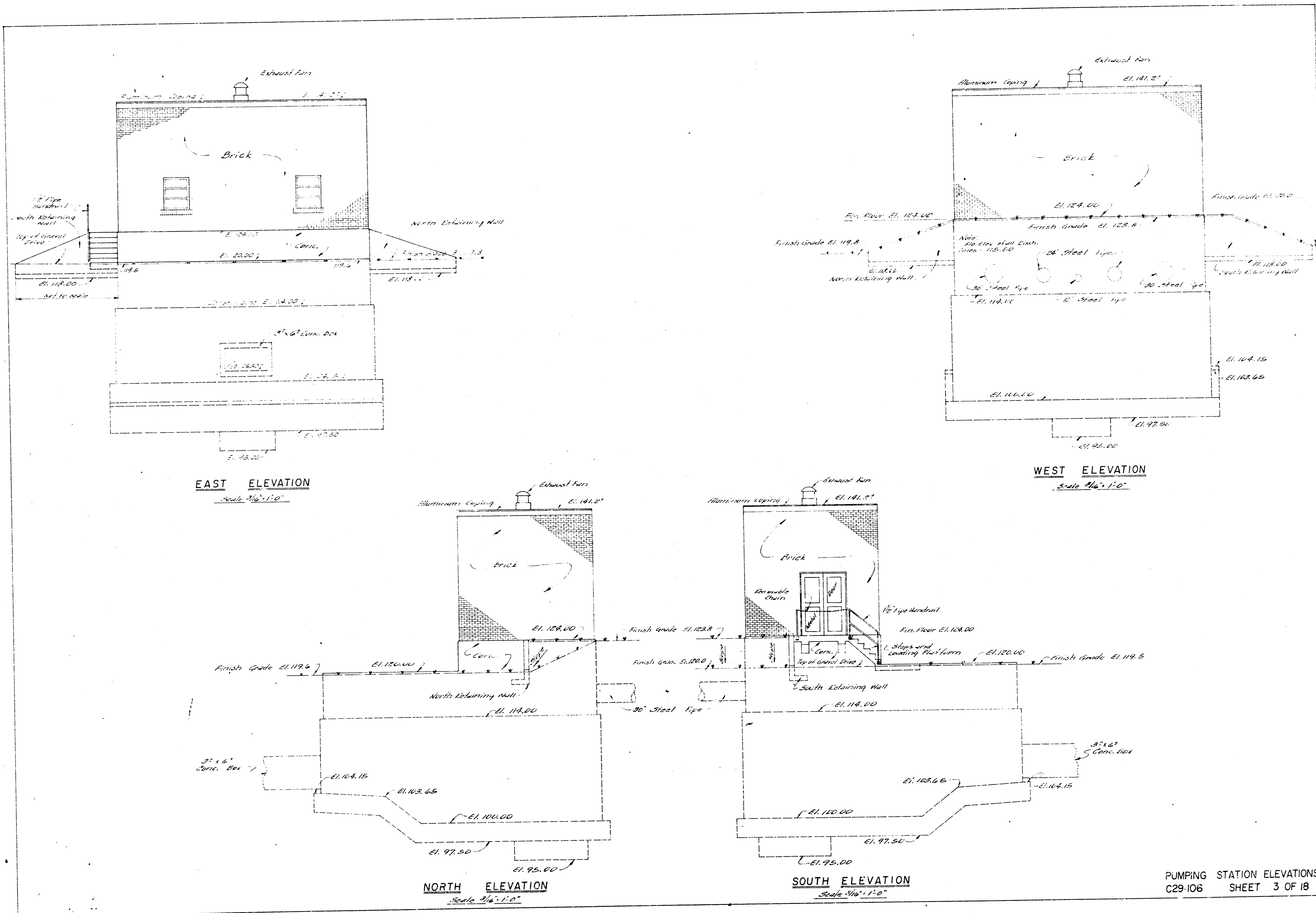
PLANS
FOR
PUMPING STATION
IN CONNECTION WITH
STORM WATER SEWER NO. 70
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
PROJECT NO. C29-106

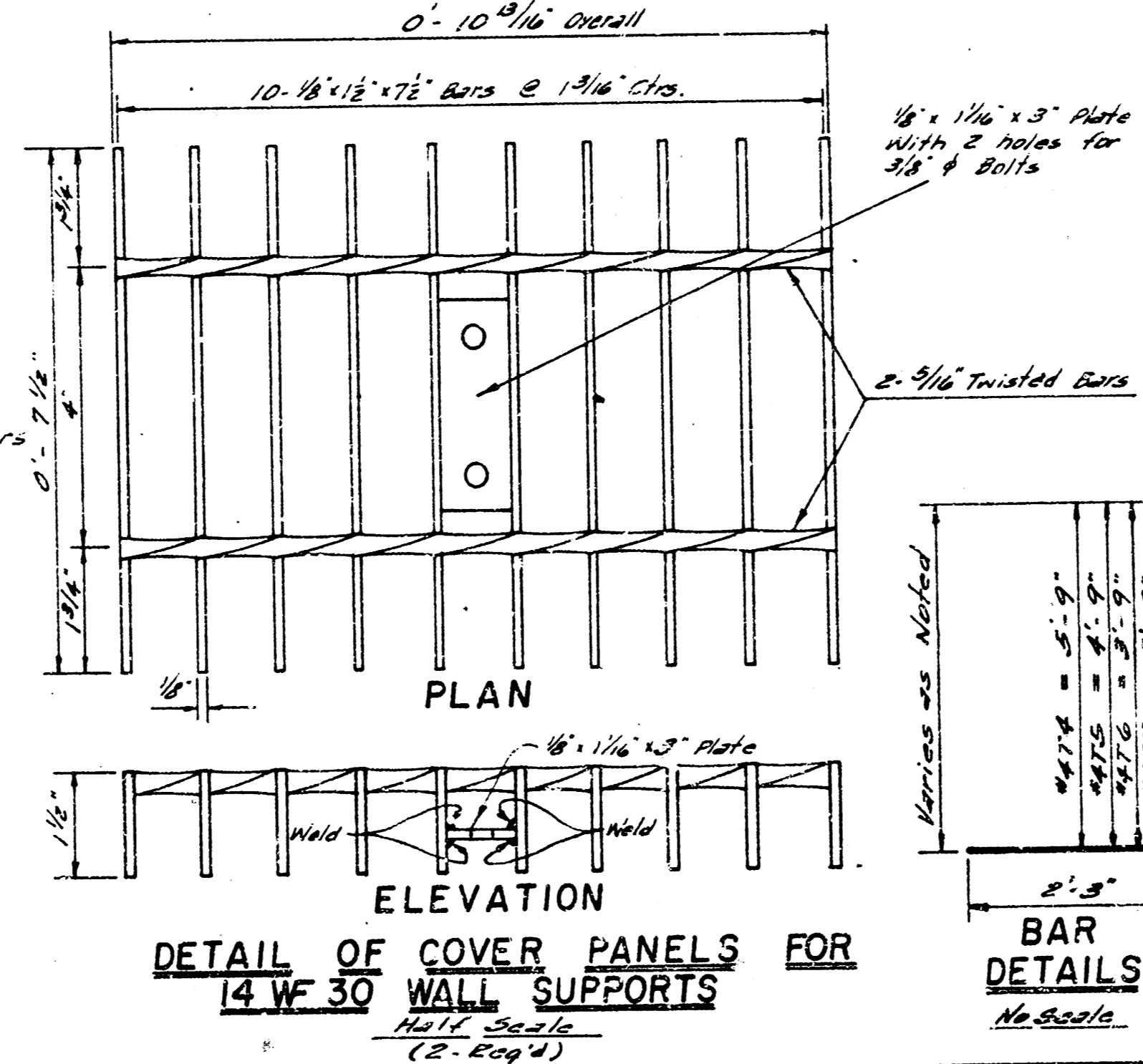
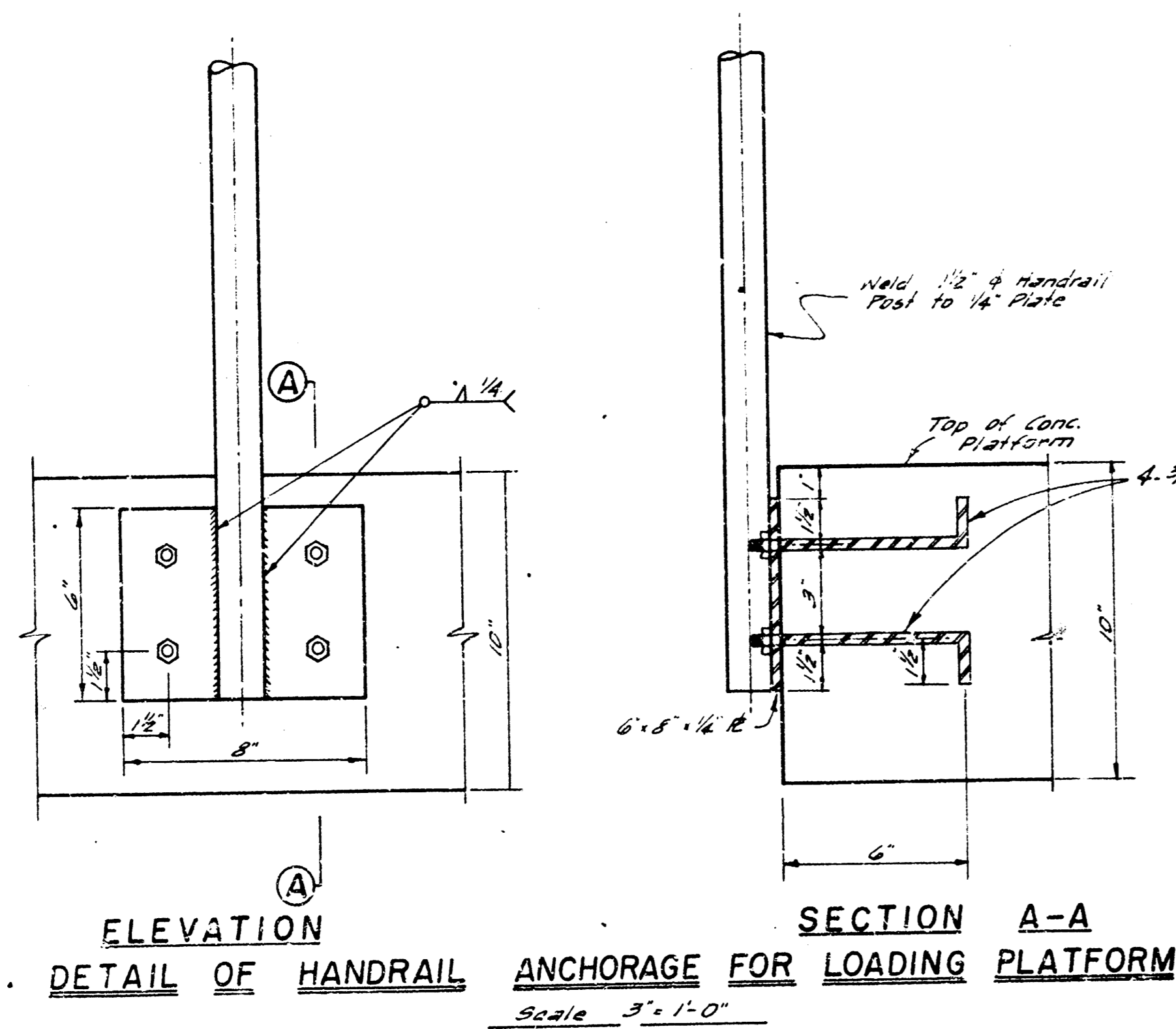
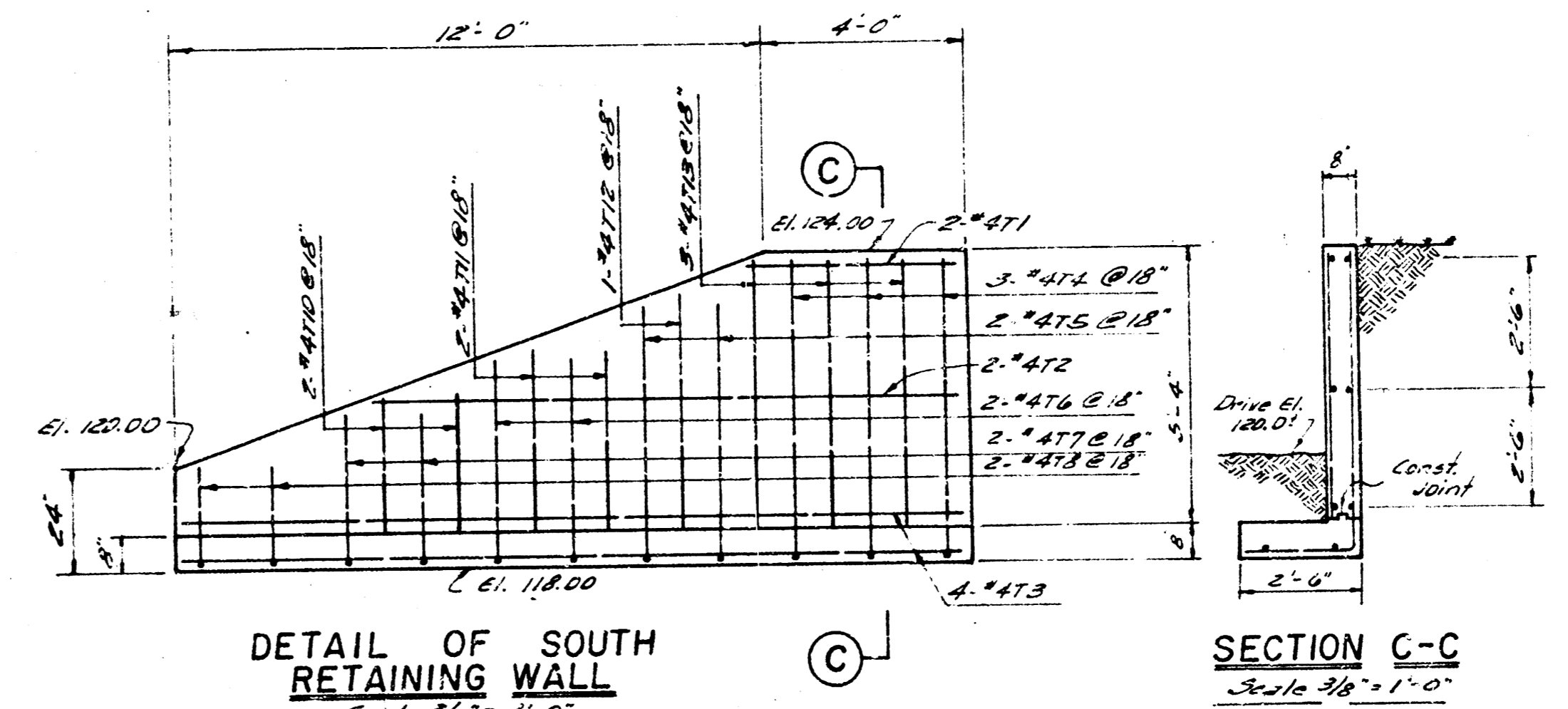
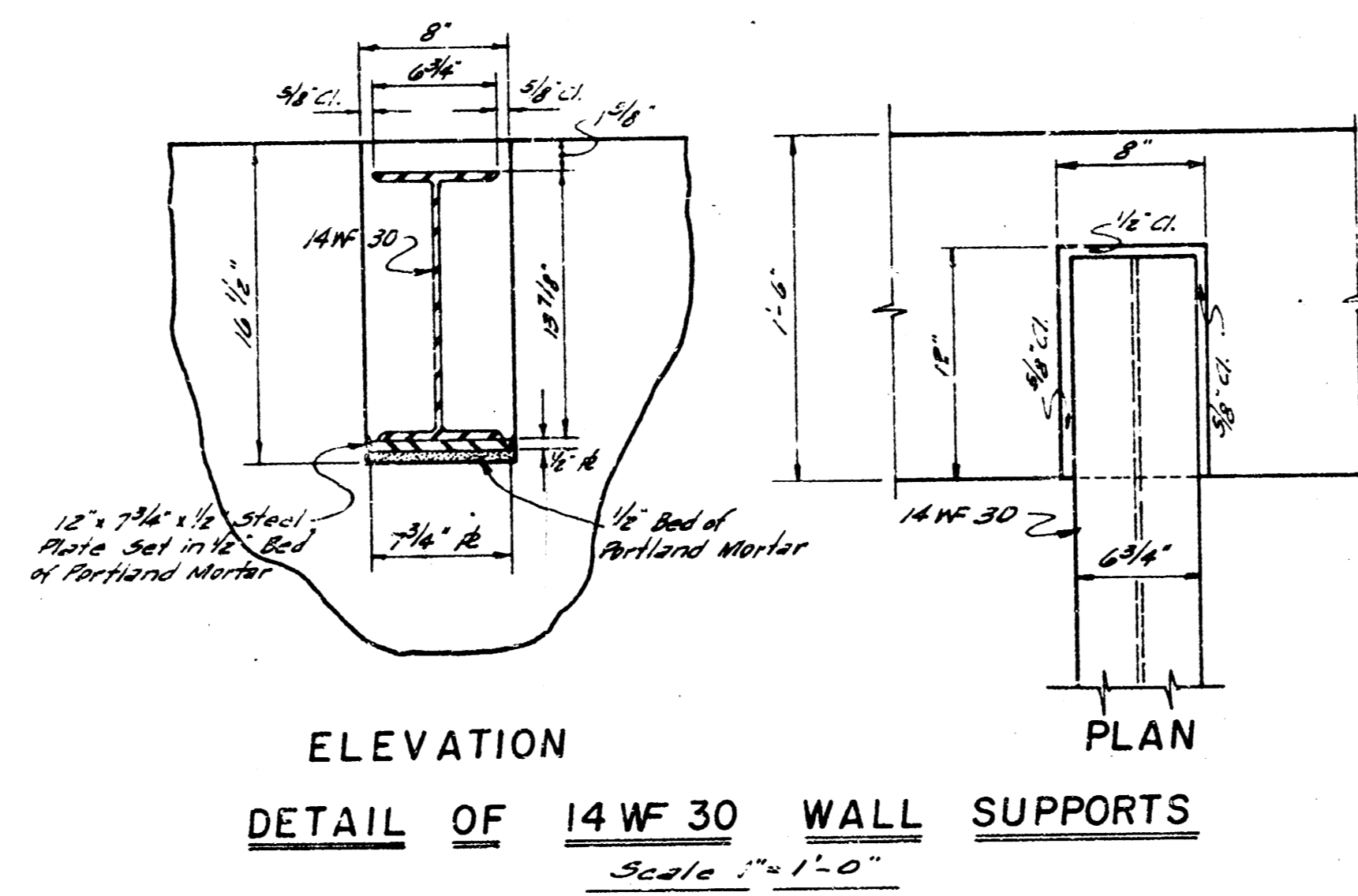
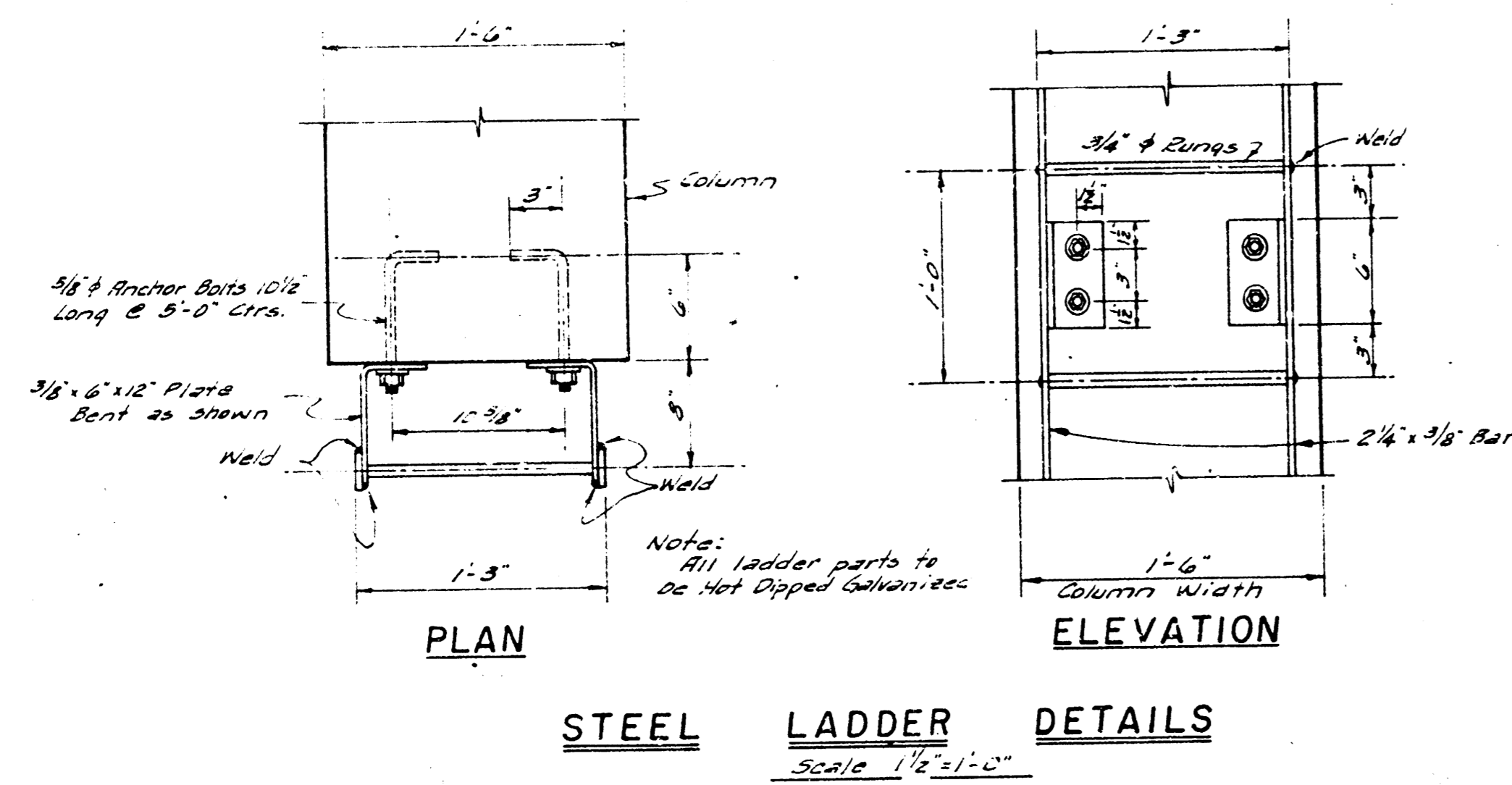
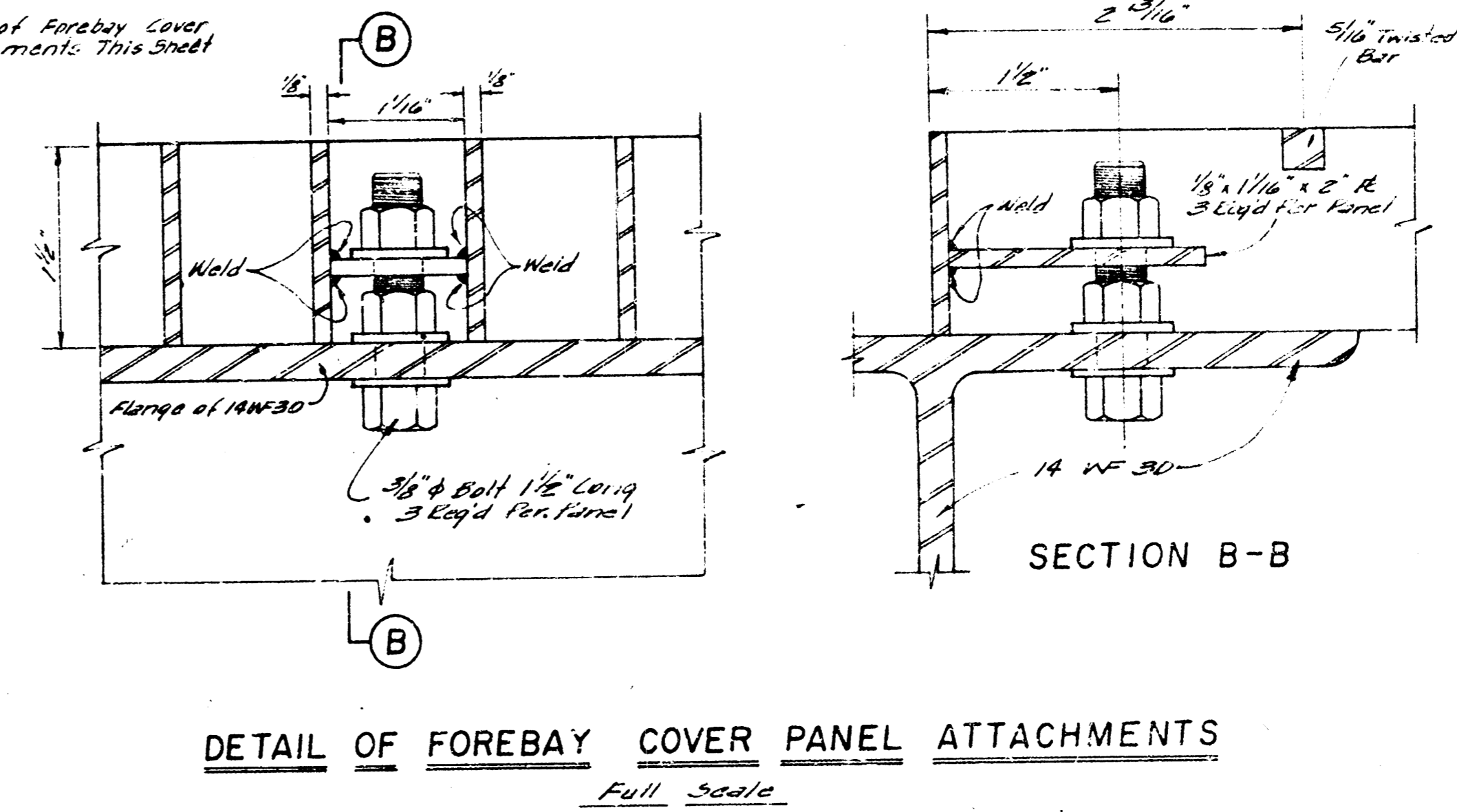
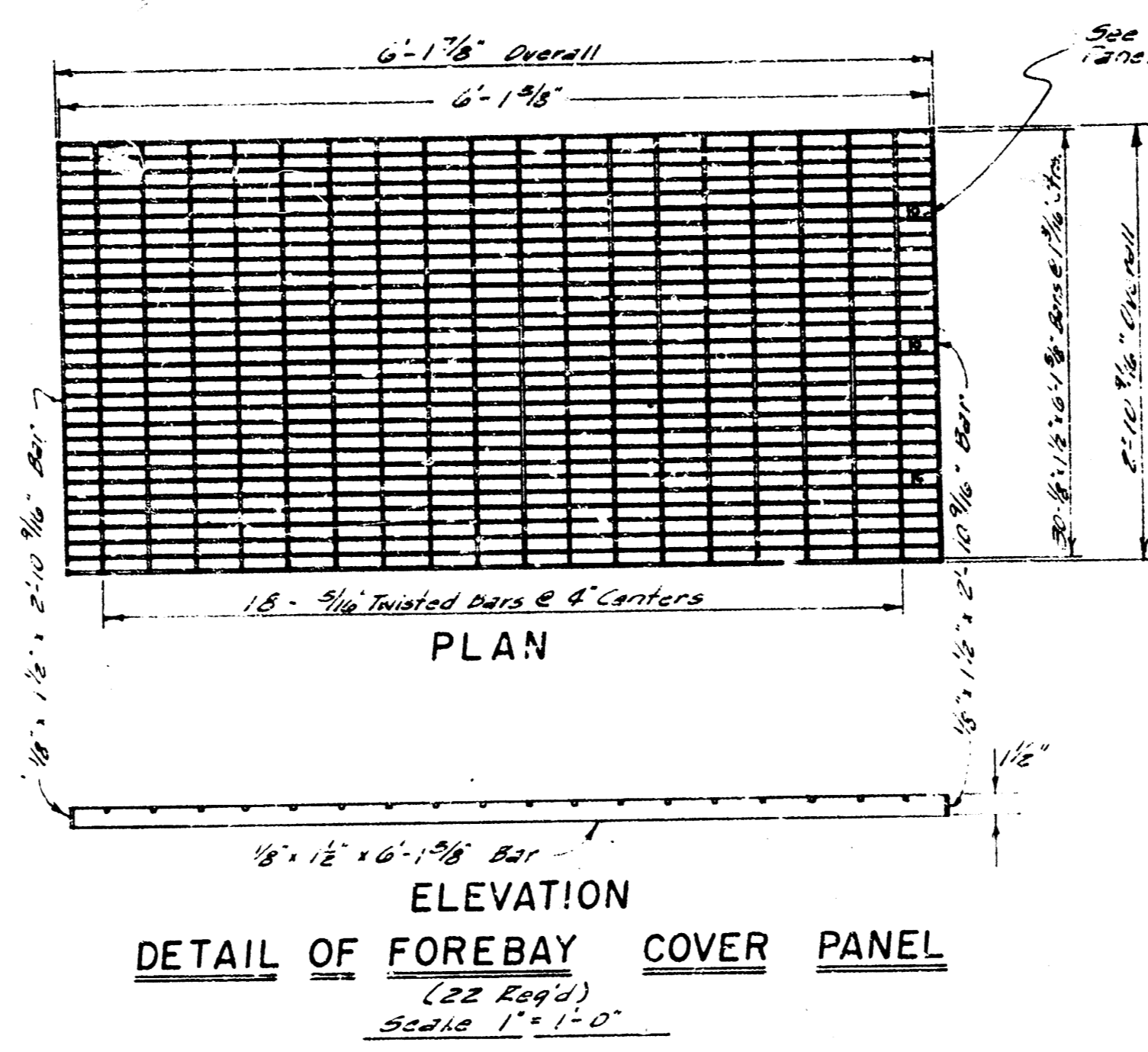
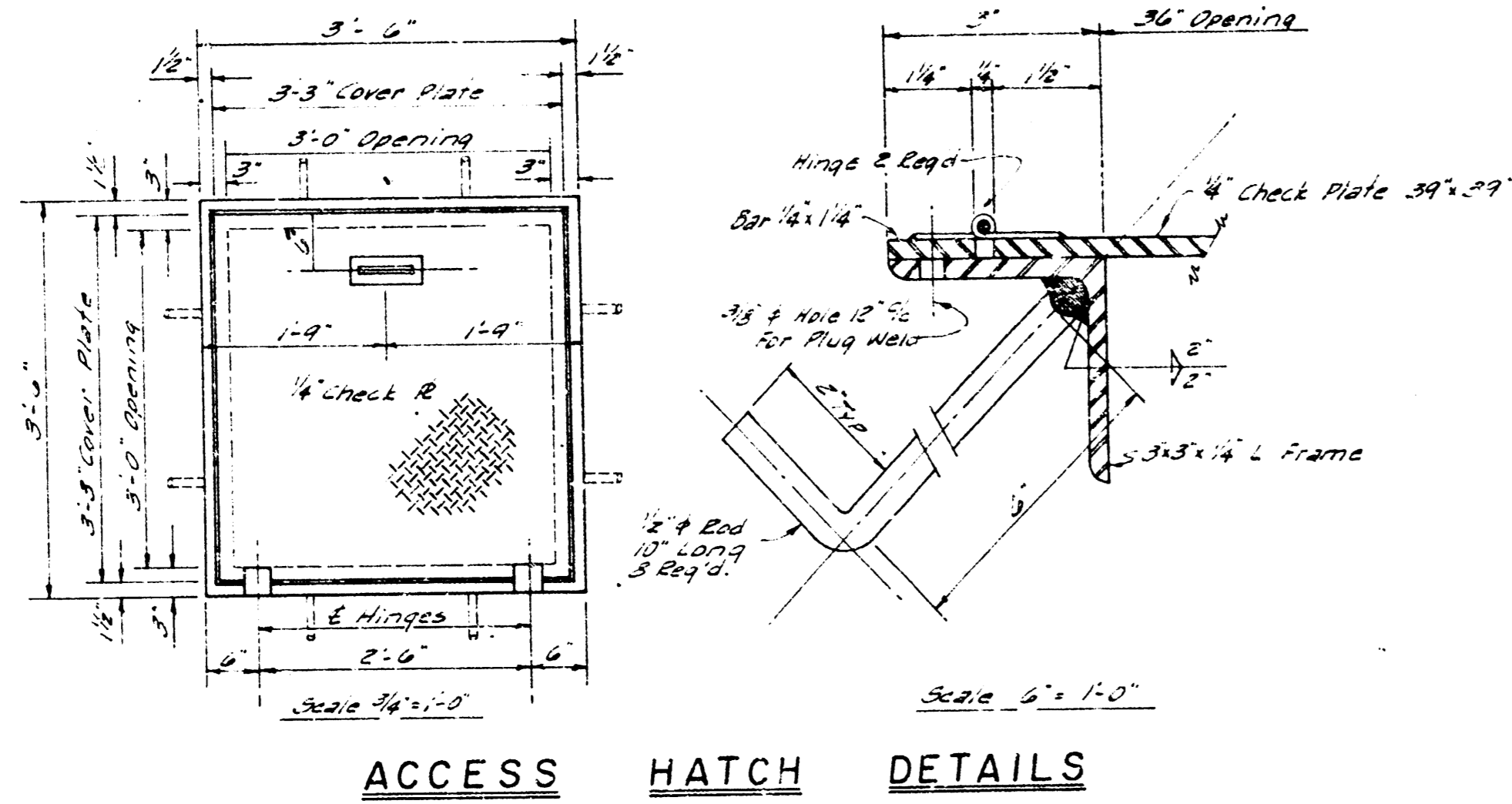
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B.E. Smith
 B.E. SMITH CITY ENGINEER
 7-17-61
 PUMPING STATION
 S.W.S. 70
 PROJ. NO. C29-106
 SHEET 1 OF 18

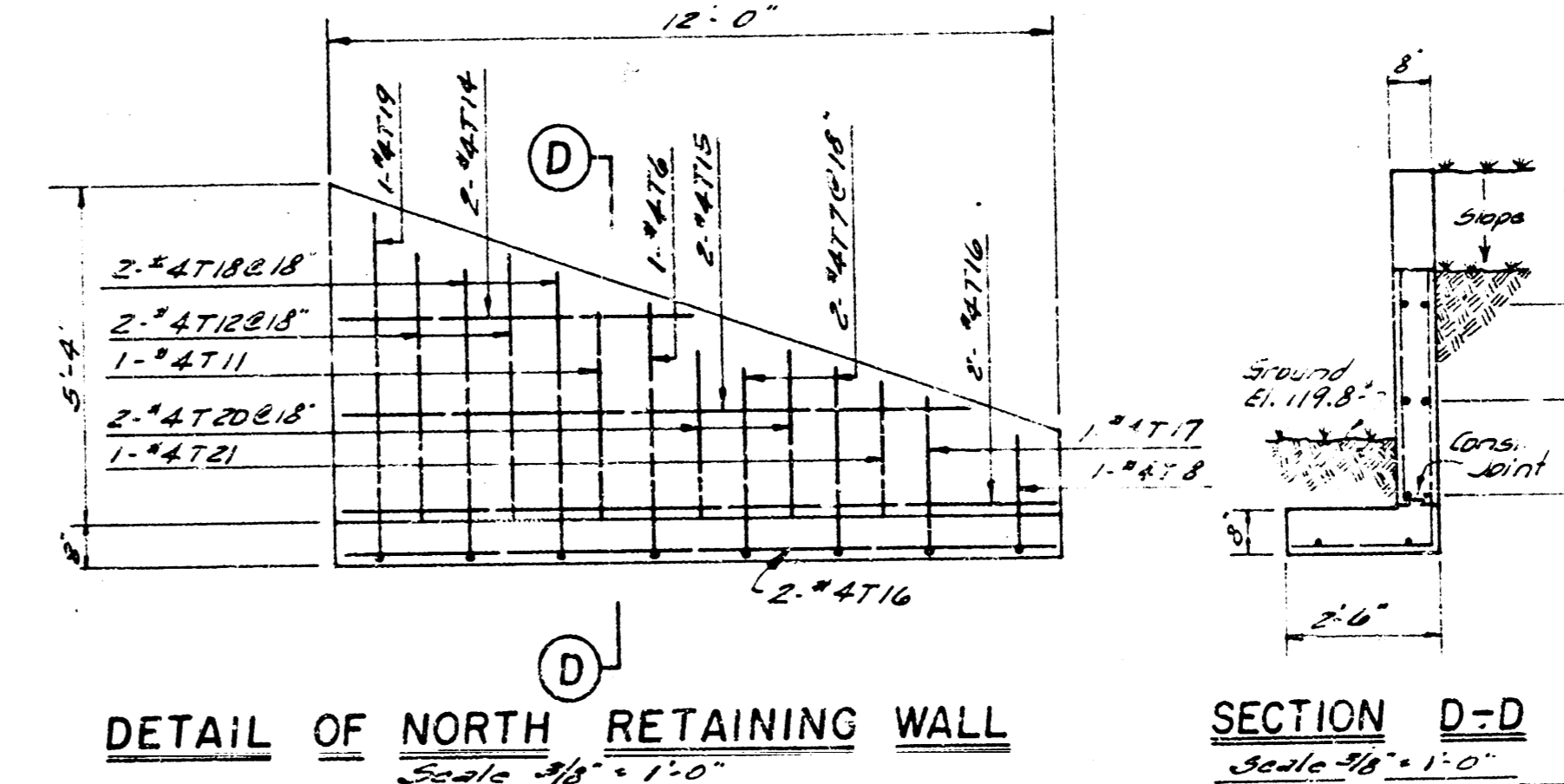






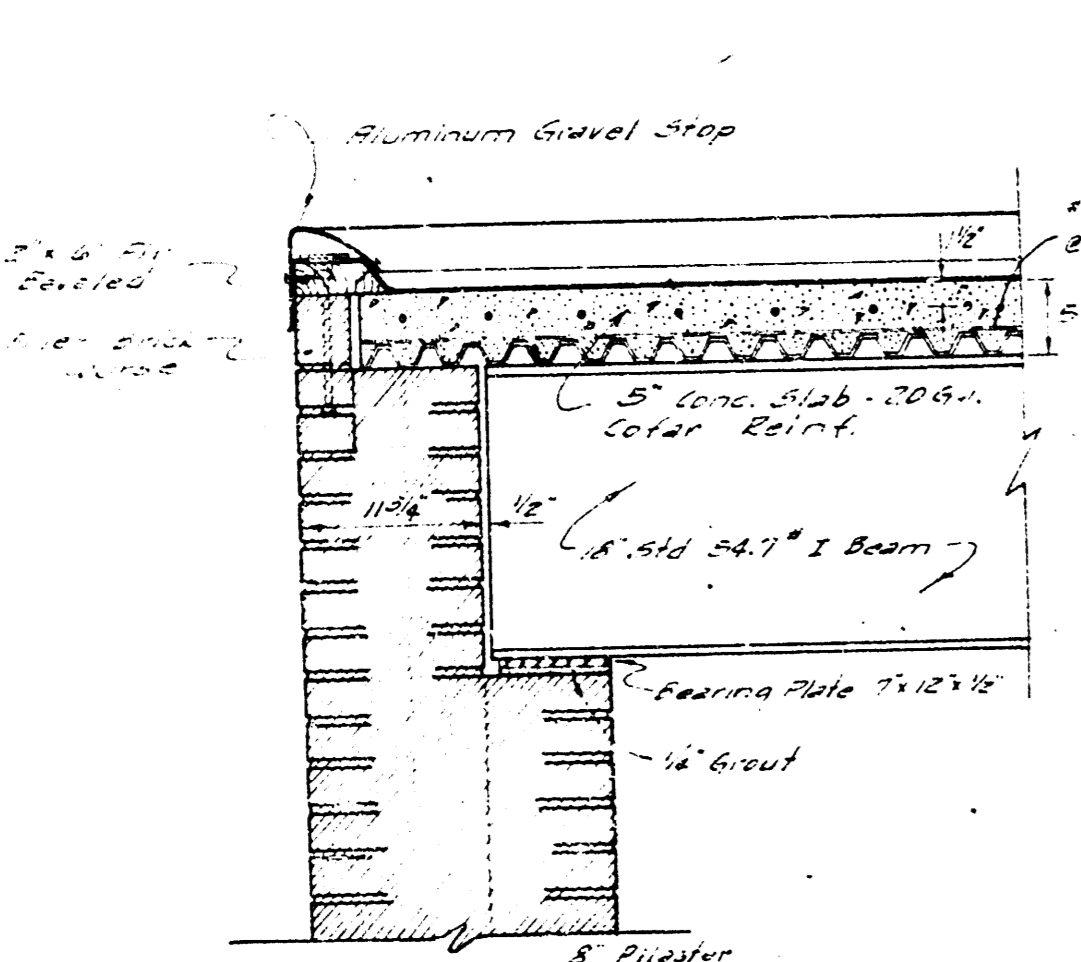
Vertical bars marked

#474	#4	17'-9"	2	10
#475	#4	15'-6"	2	8
#476	#4	8'-0"	2	10
#477	#4	7'-0"	2	10
#478	#4	8'-0"	2	10
#479	#4	8'-0"	2	10
#480	#4	8'-0"	2	10
#481	#4	8'-0"	2	10
#482	#4	8'-0"	2	10
#483	#4	8'-0"	2	10
#484	#4	8'-0"	2	10
#485	#4	8'-0"	2	10
#486	#4	8'-0"	2	10
#487	#4	8'-0"	2	10
#488	#4	8'-0"	2	10
#489	#4	8'-0"	2	10
#490	#4	8'-0"	2	10
#491	#4	8'-0"	2	10
#492	#4	8'-0"	2	10
#493	#4	8'-0"	2	10
#494	#4	8'-0"	2	10
#495	#4	8'-0"	2	10
#496	#4	8'-0"	2	10
#497	#4	8'-0"	2	10
#498	#4	8'-0"	2	10
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#500	#4	8'-0"	2	10

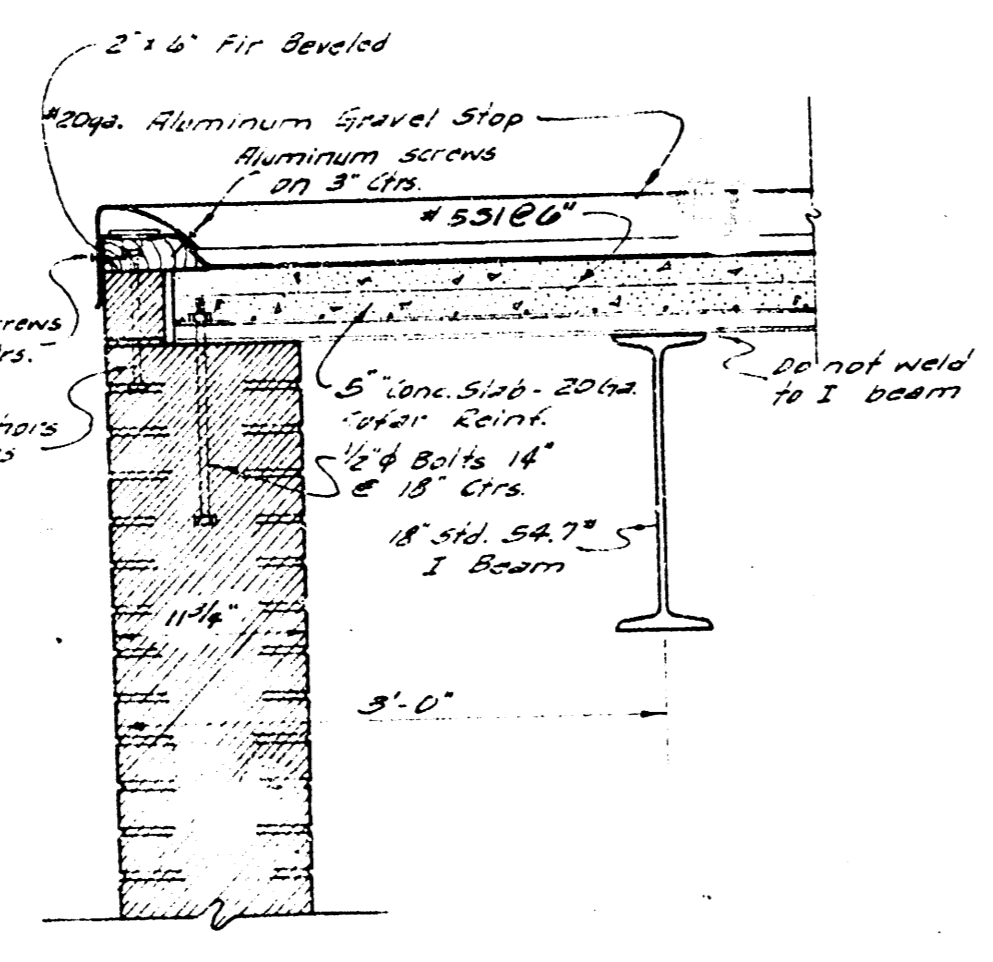


BAR SCHEDULE - RETAINING WALLS

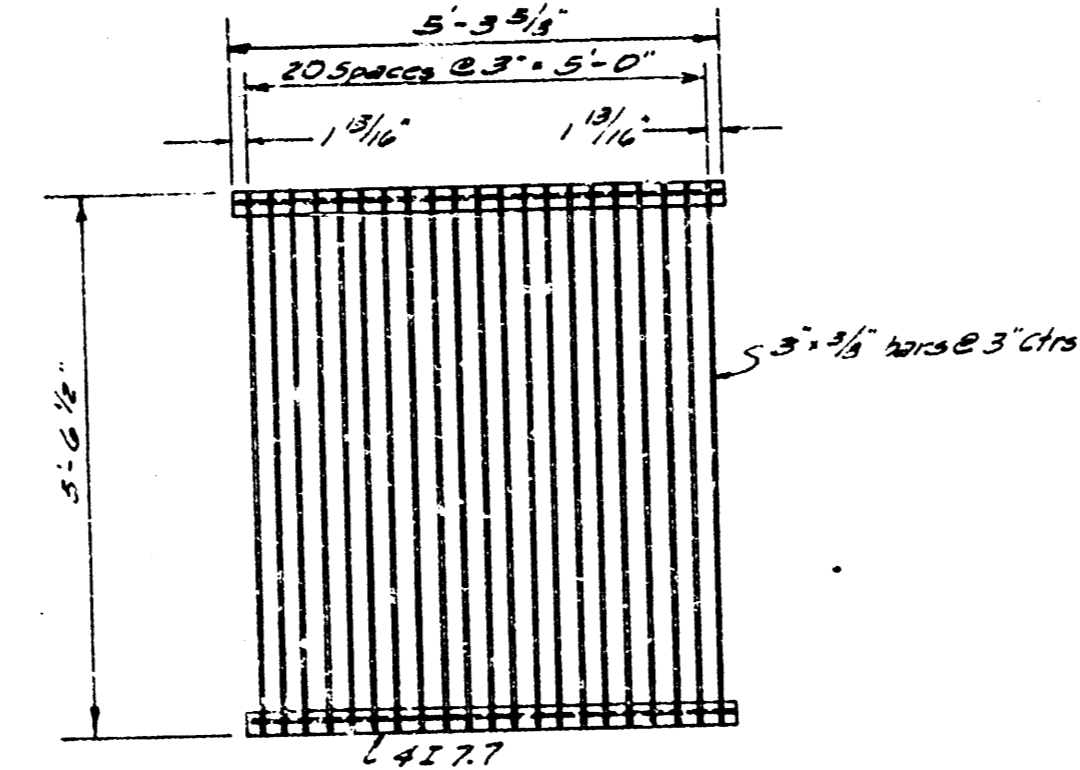
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQ'D.	SHAPE	W.T.	BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQ'D.	SHAPE	W.T.
#471	#4	S. ED. WALL	4'-3"	2	10	10	#473	#4	S. ED. WALL	3'-2"	2	10	10
#472	#4	N. ED. WALL	17'-9"	2	10	10	#474	#4	N. ED. WALL	3'-3"	2	10	10
#473	#4	S. ED. WALL	15'-6"	2	10	10	#475	#4	"	10'-3"	2	10	10
#474	#4	"	8'-0"	2	10	10	#476	#4	"	11'-5"	2	10	10
#475	#4	"	7'-0"	2	10	10	#477	#4	"	6'-9"	1	10	10
#476	#4	N. ED. WALL	8'-0"	2	10	10	#478	#4	"	6'-9"	2	10	10
#477	#4	"	8'-0"	2	10	10	#479	#4	"	7'-9"	1	10	10
#478	#4	"	8'-0"	2	10	10	#480	#4	"	2'-6"	2	10	10
#479	#4	"	8'-0"	2	10	10	#481	#4	"	2'-0"	1	10	10
#480	#4	"	8'-0"	2	10	10							
#481	#4	"	8'-0"	2	10	10							
#482	#4	"	8'-0"	2	10	10							
#483	#4	"	8'-0"	2	10	10							
#484	#4	"	8'-0"	2	10	10							
#485	#4	"	8'-0"	2	10	10							
#486	#4	"	8'-0"	2	10	10							
#487	#4	"	8'-0"	2	10	10							
#488	#4	"	8'-0"	2	10	10							
#489	#4	"	8'-0"	2	10	10							
#490	#4	"	8'-0"	2	10	10							
#491	#4	"	8'-0"	2	10	10							
#492	#4	"	8'-0"	2	10	10							
#493	#4	"	8'-0"	2	10	10							
#494	#4	"	8'-0"	2	10	10							
#495	#4	"	8'-0"	2	10	10							
#496	#4	"	8'-0"	2	10	10							
#497	#4	"	8'-0"	2	10	10							
#498	#4	"	8'-0"	2	10	10							
#499	#4	"	8'-0"	2	10	10							
#500	#4	"	8'-0"	2	10	10							



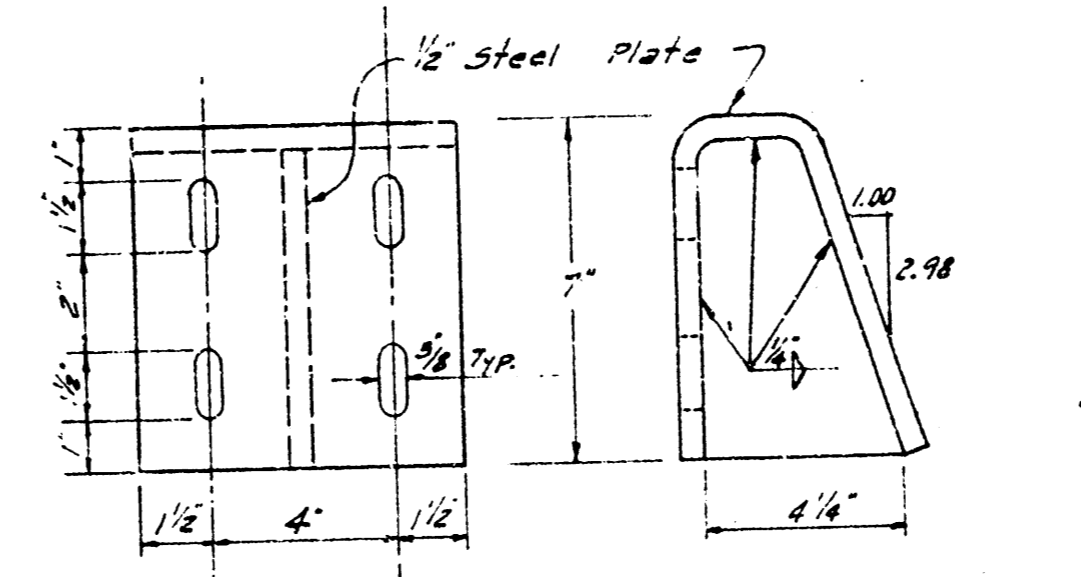
TYPICAL END WALL SECTION AT ROOF
Scale 1/4" = 1'-0"



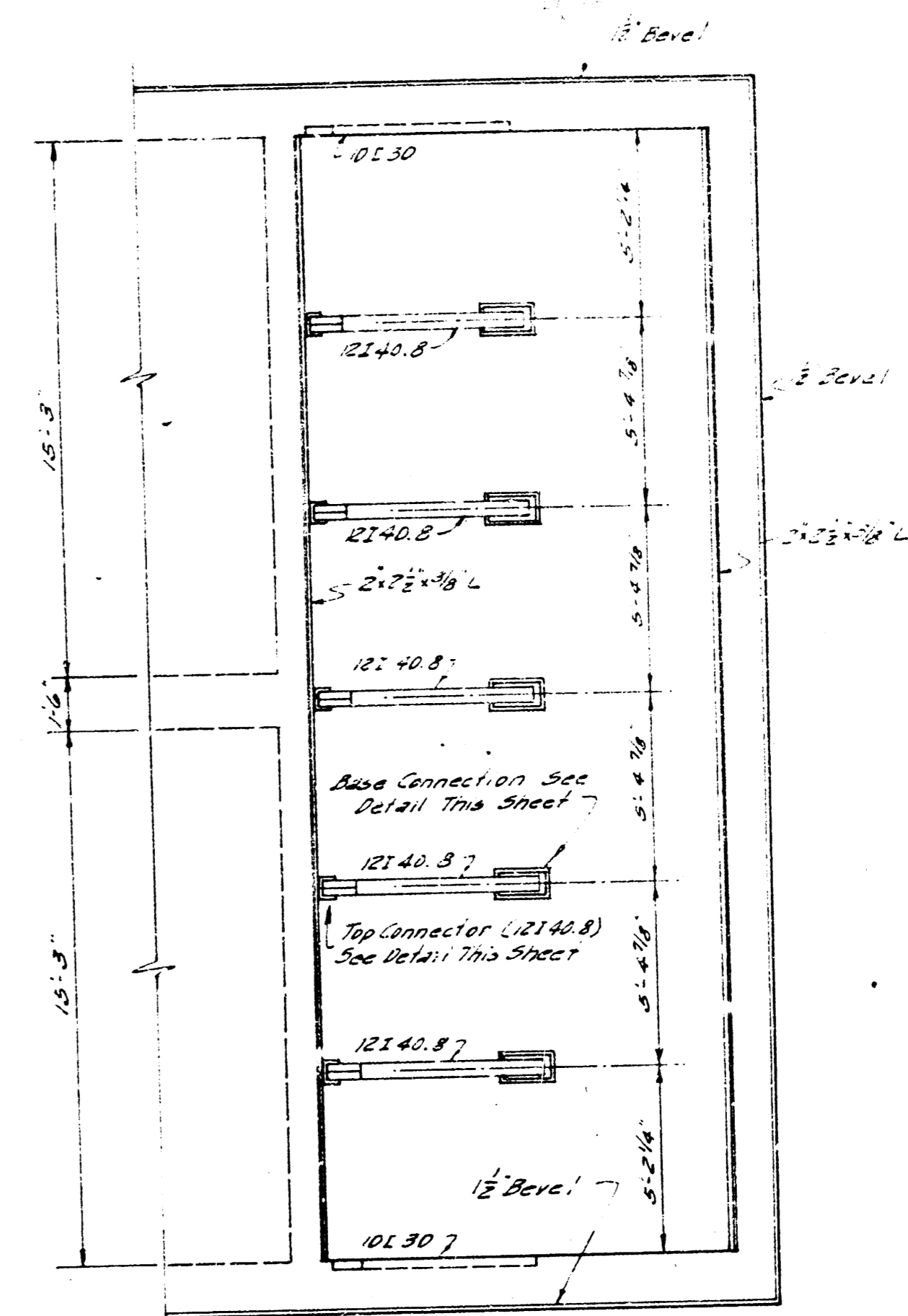
TYPICAL WALL SECTION AT ROOF
Scale 1/4" = 1'-0"



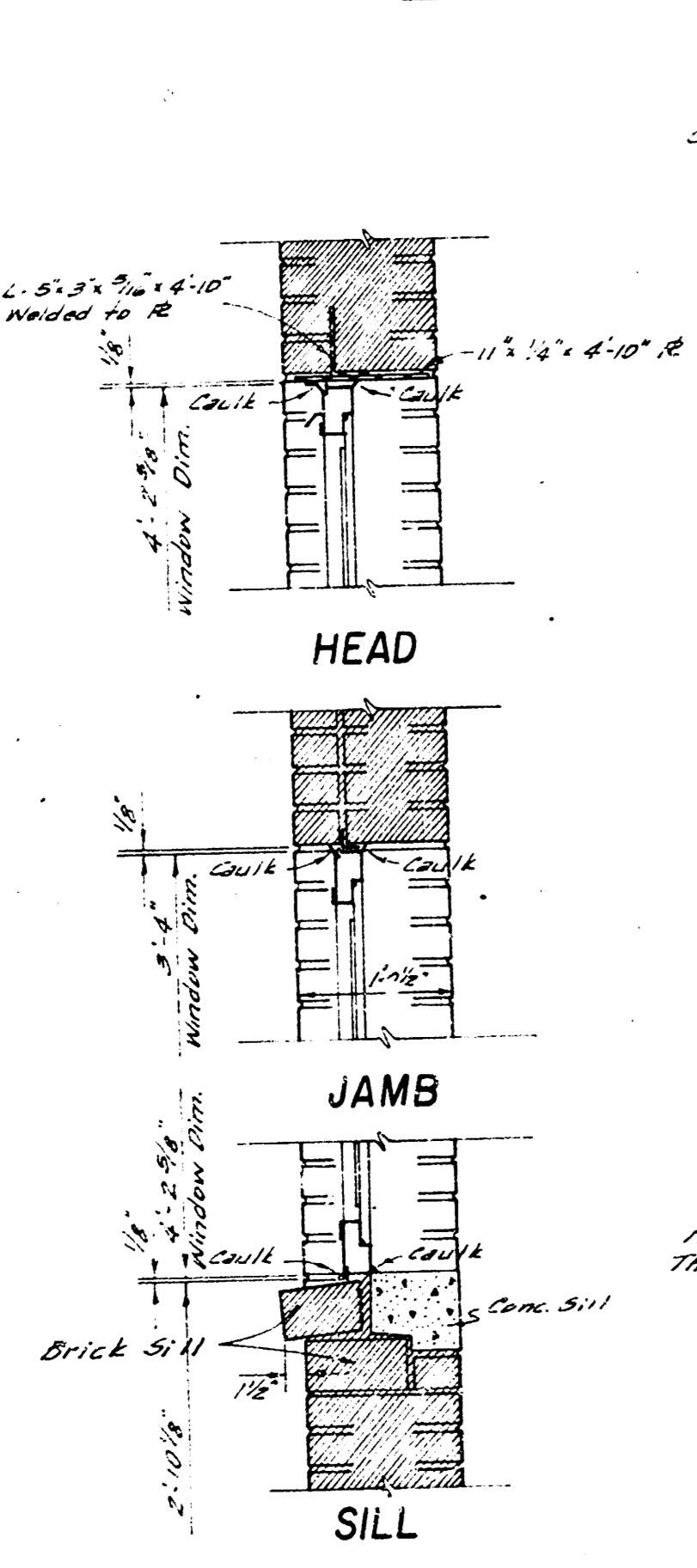
ELEVATION DETAIL OF SCREEN PANEL
(18 Egg)
Scale 1/4" = 1'-0"



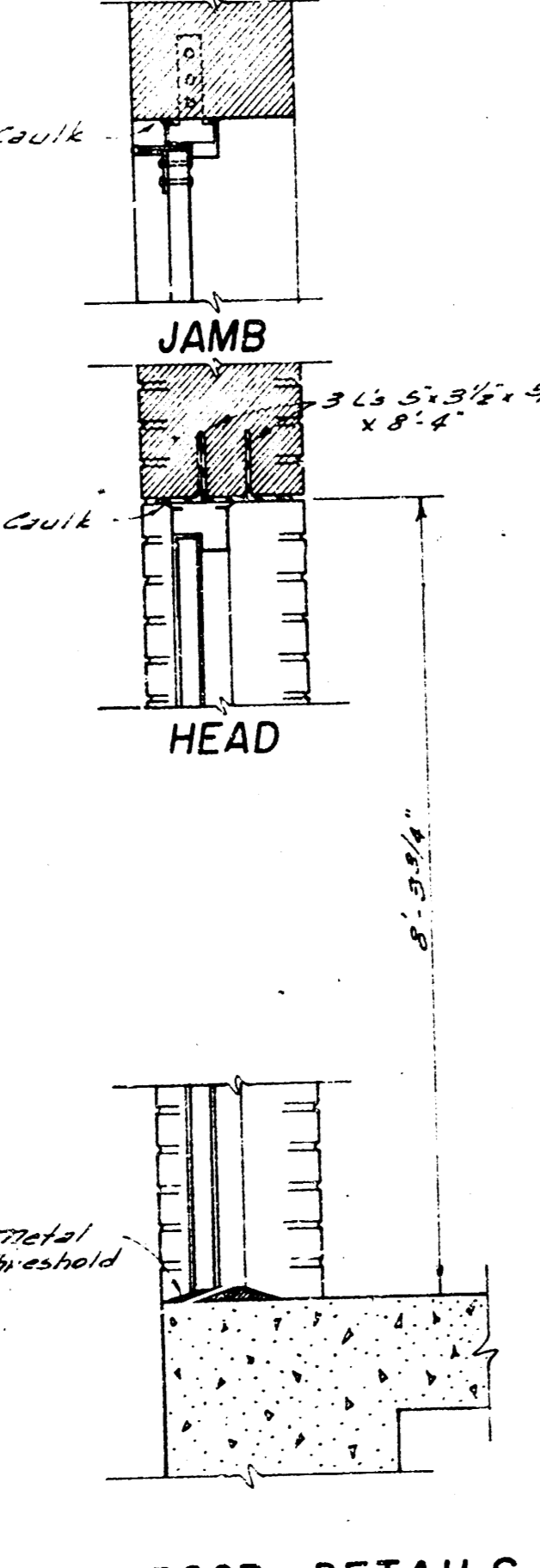
DETAIL OF TOP CONNECTOR (12 I 40.8)
(S Read)
Scale 3/8" = 1'-0"



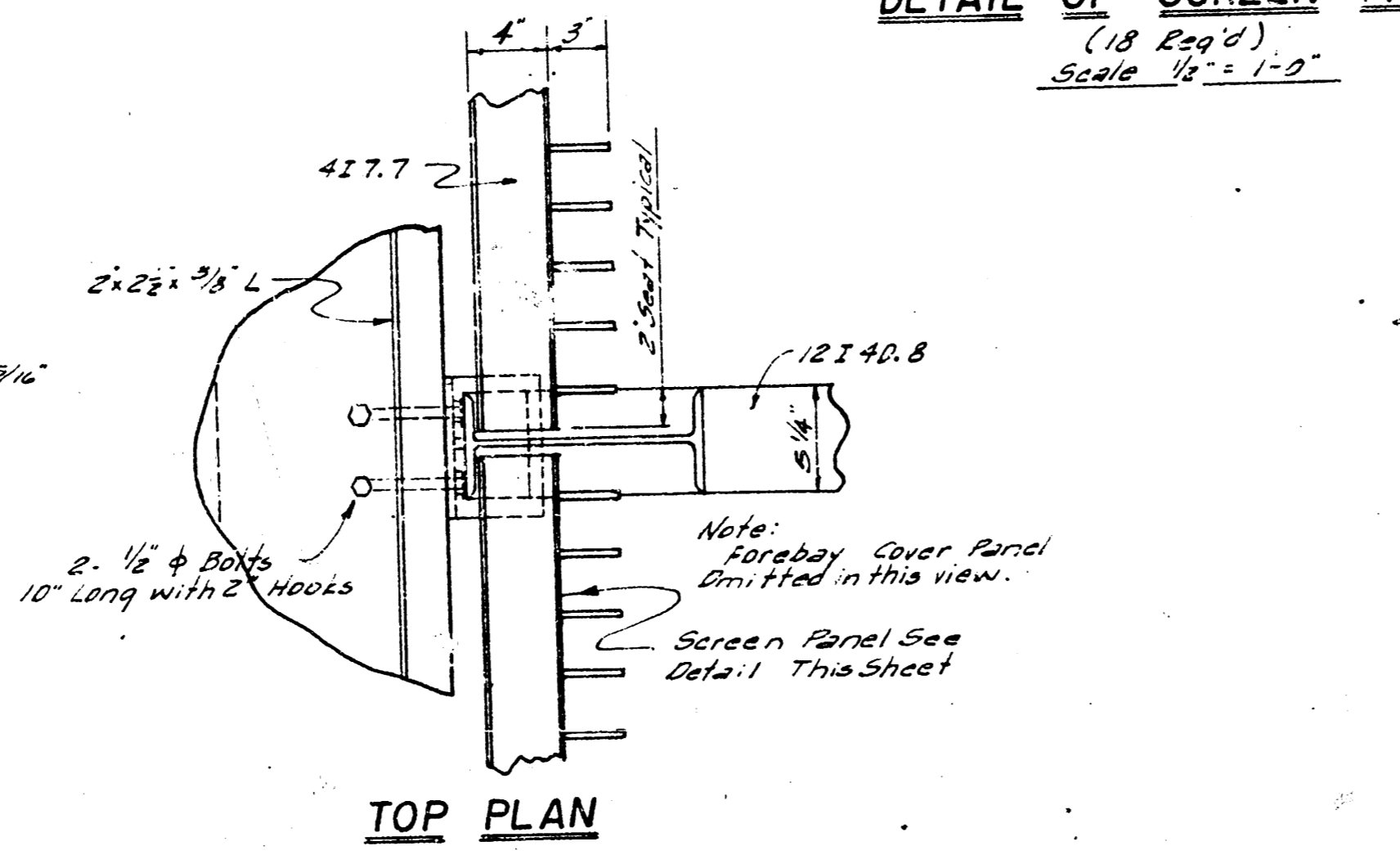
PLAN - LOCATION TRASH RACK SUPPORTS
Scale 1/4" = 1'-0"



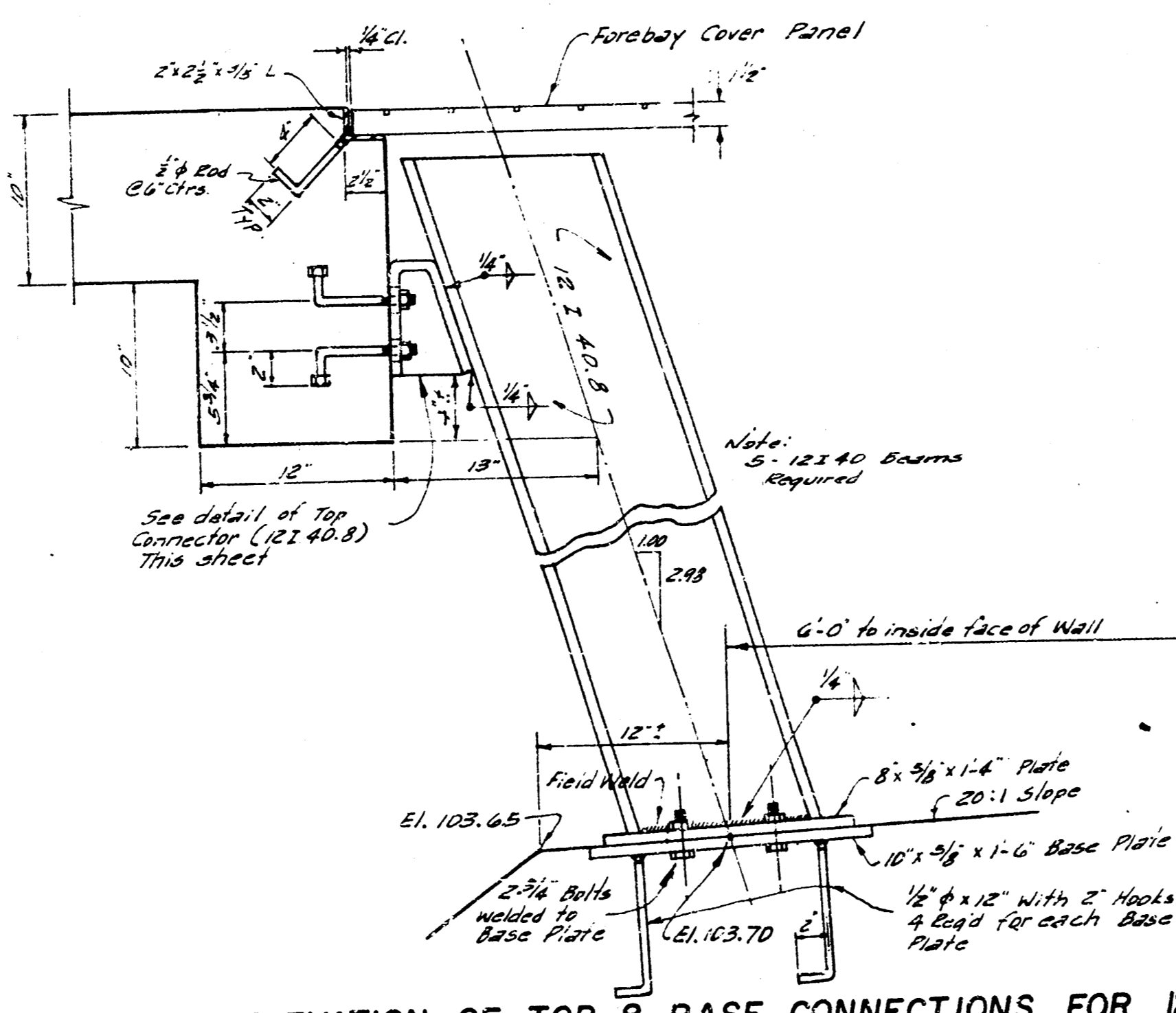
WINDOW DETAILS
Scale 1/4" = 1'-0"



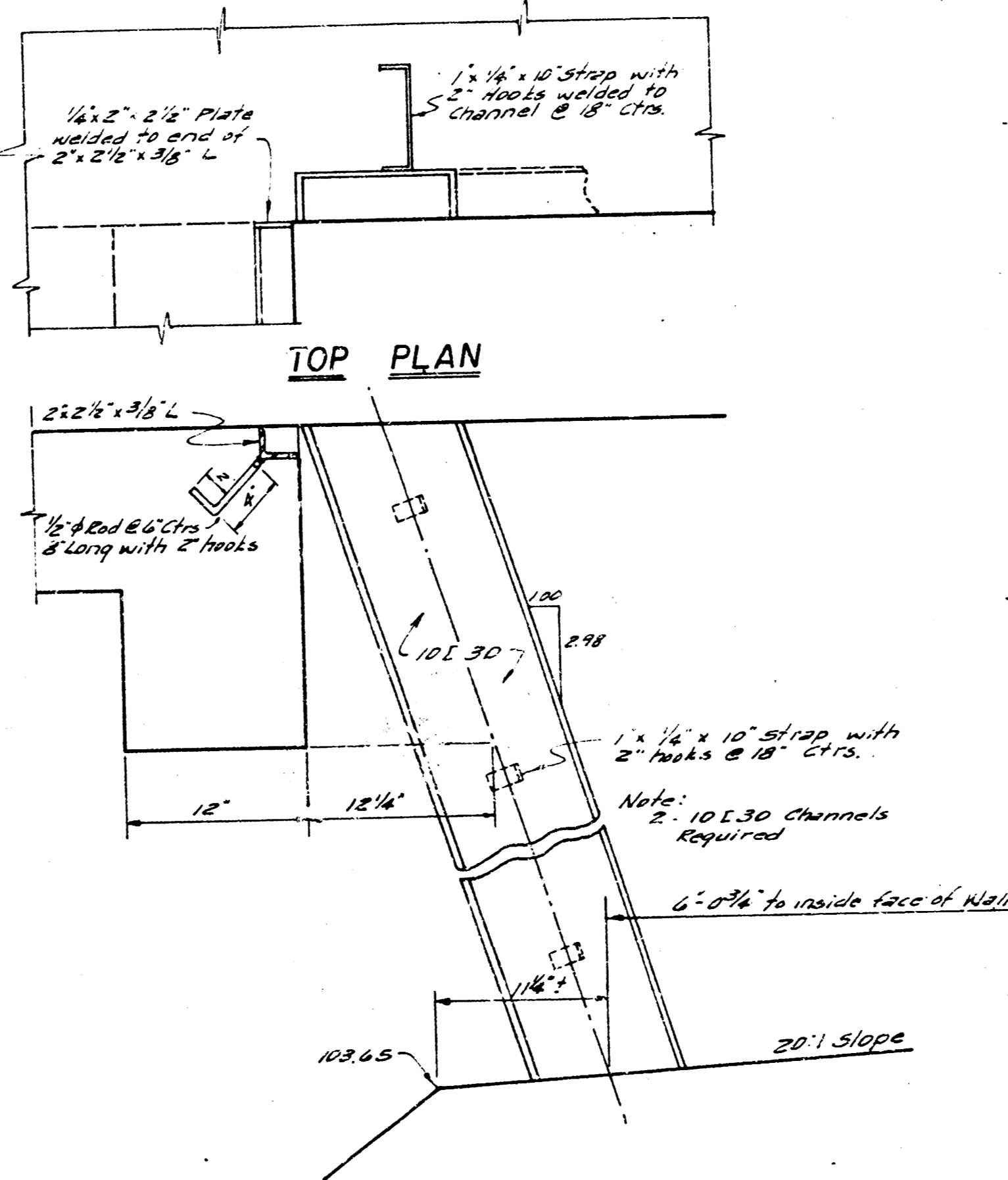
DOOR DETAILS
Scale 1/4" = 1'-0"



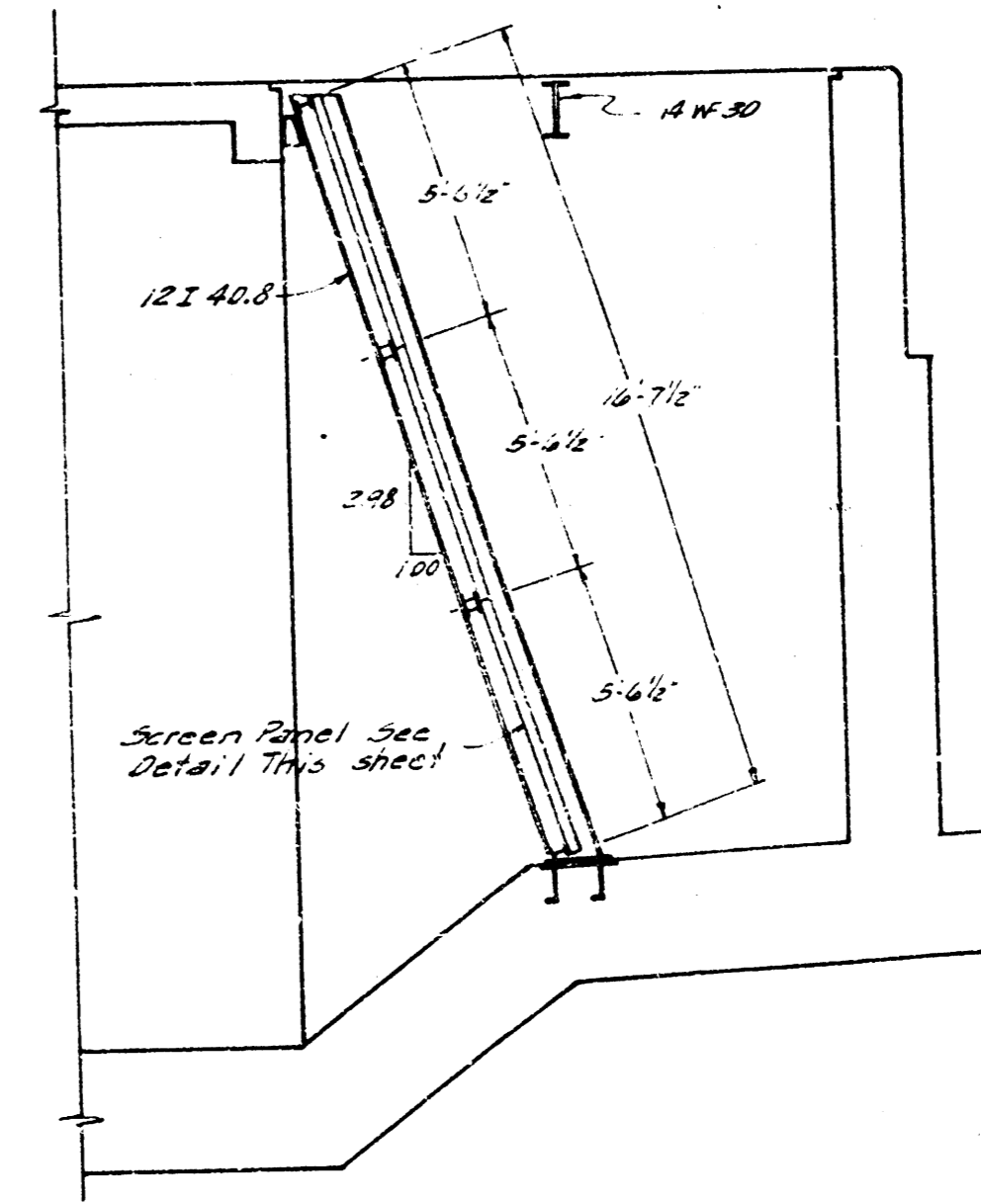
TOP PLAN



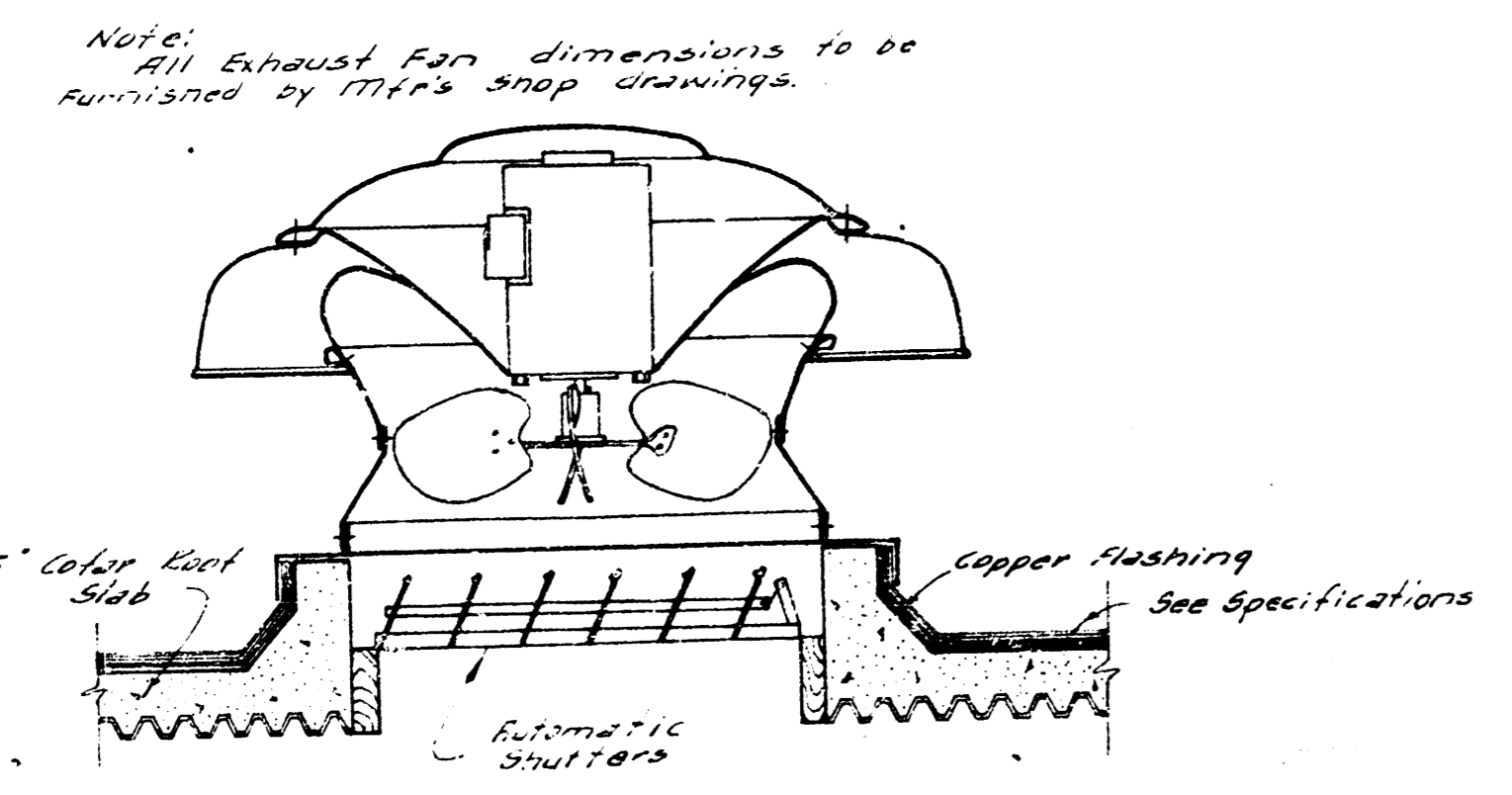
ELEVATION OF TOP & BASE CONNECTIONS FOR 12 I 40.8
Scale 1/4" = 1'-0"



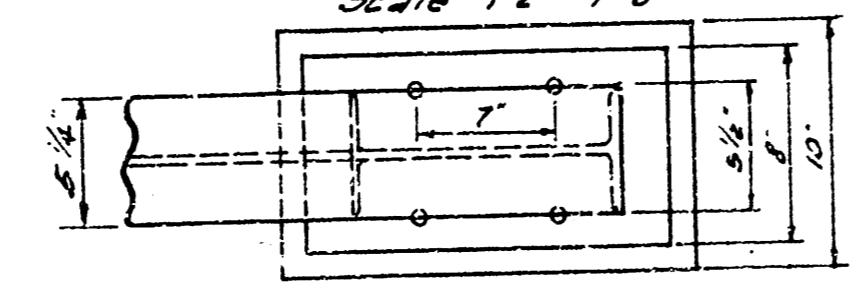
ELEVATION OF WALL CONNECTION (10 I 30)
Scale 1/4" = 1'-0"



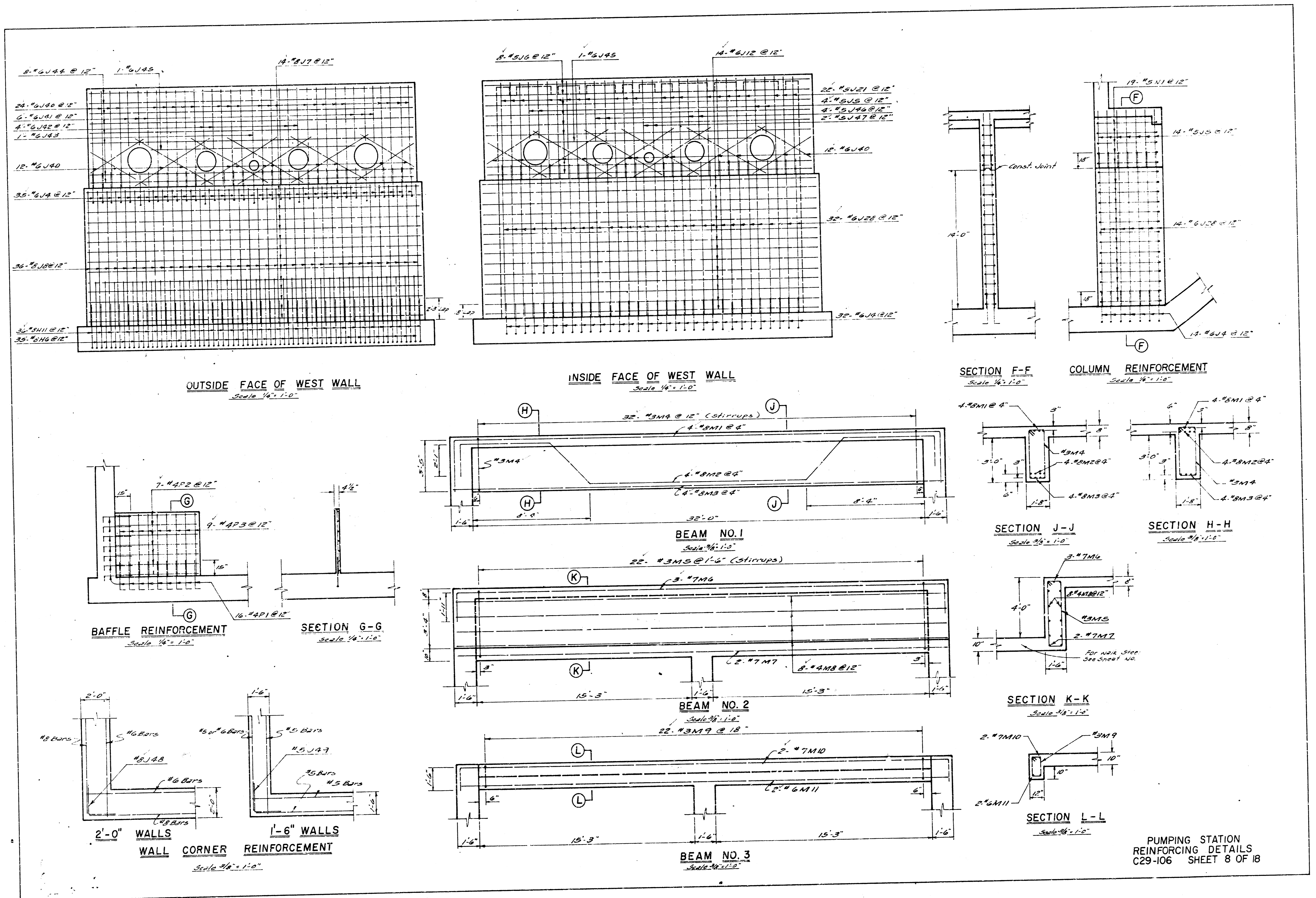
SECTION THRU TRASH RACK
Scale 1/4" = 1'-0"

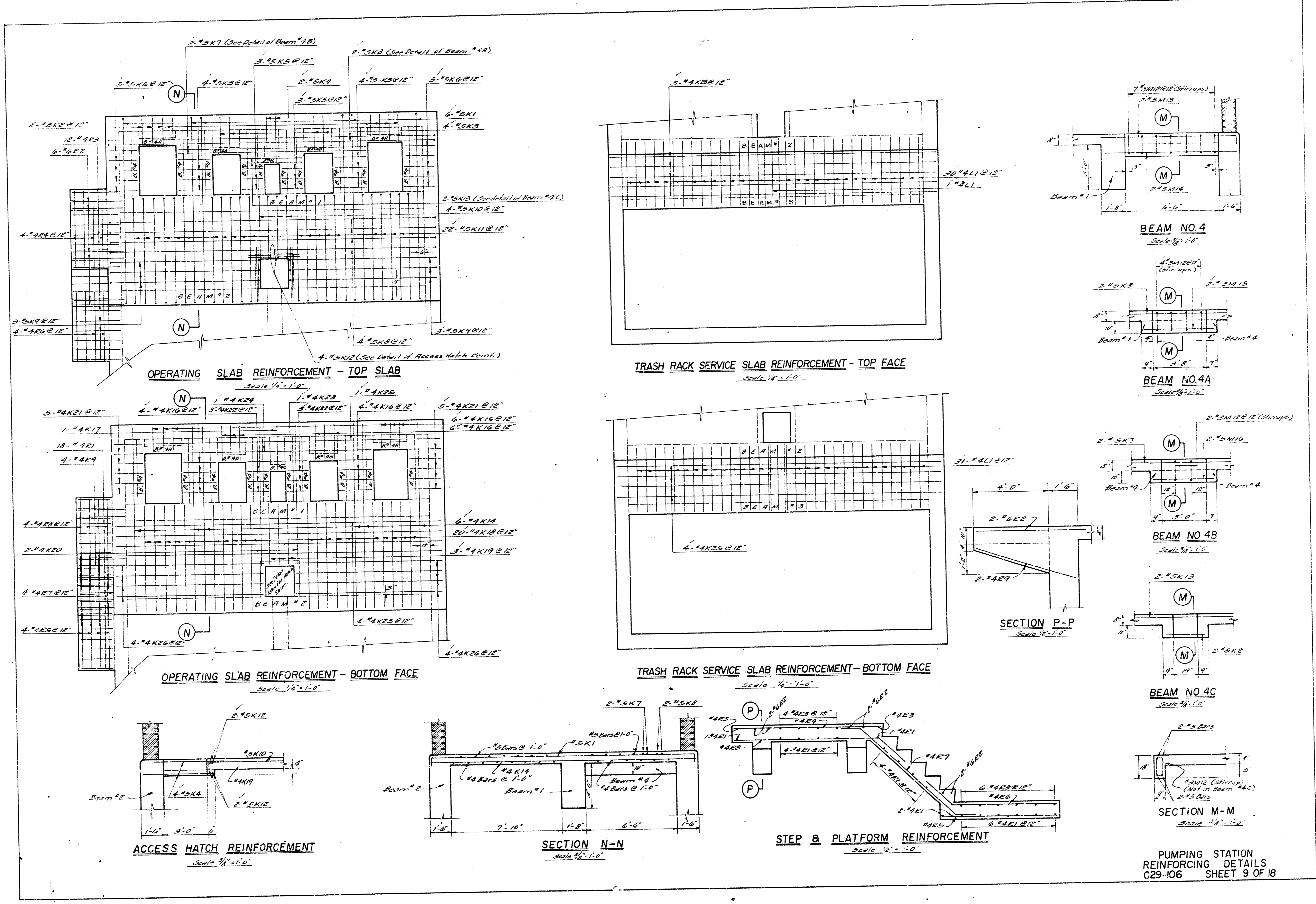


DETAIL OF EXHAUST FAN CURB
No Scale



PLAN OF BASE

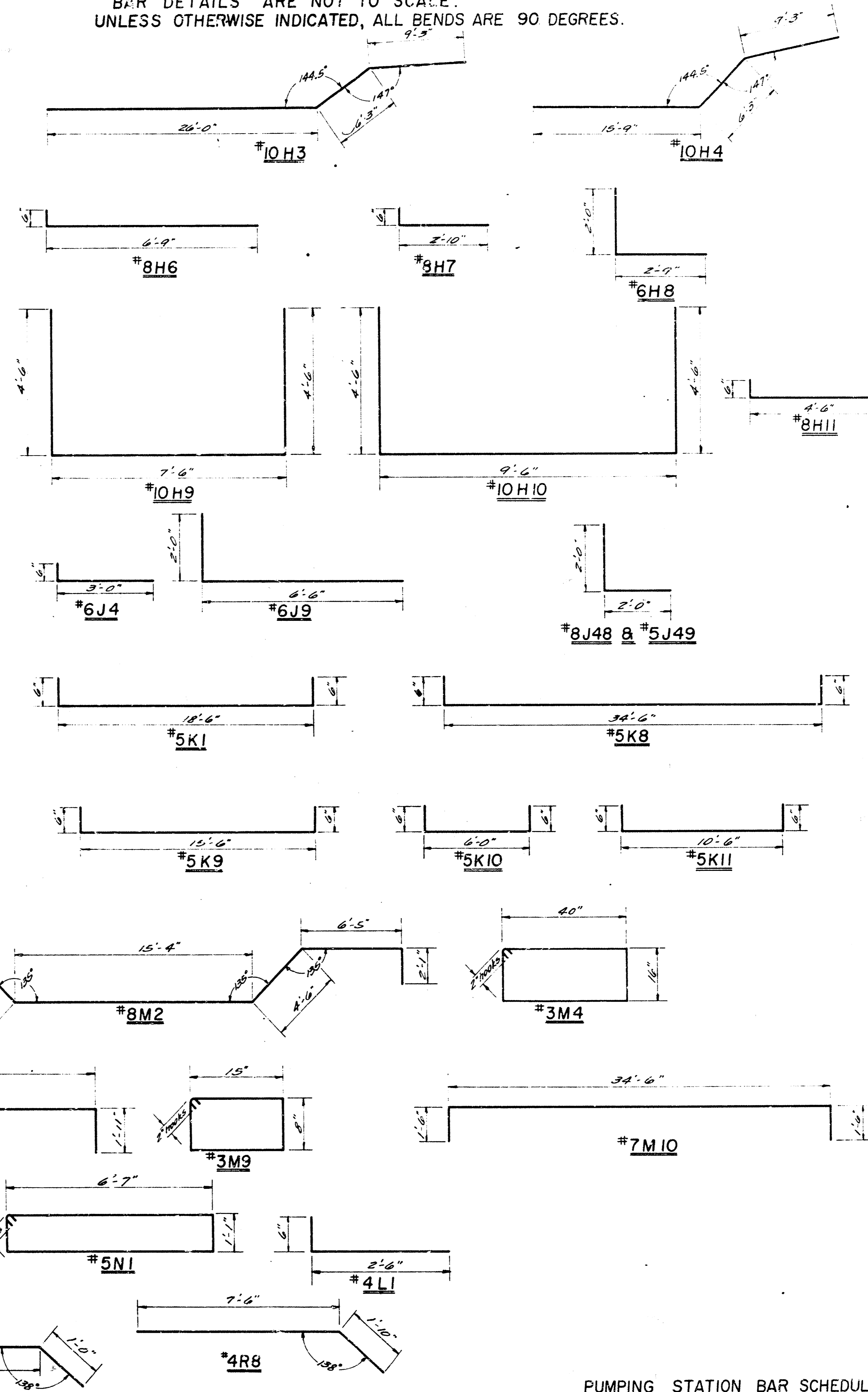


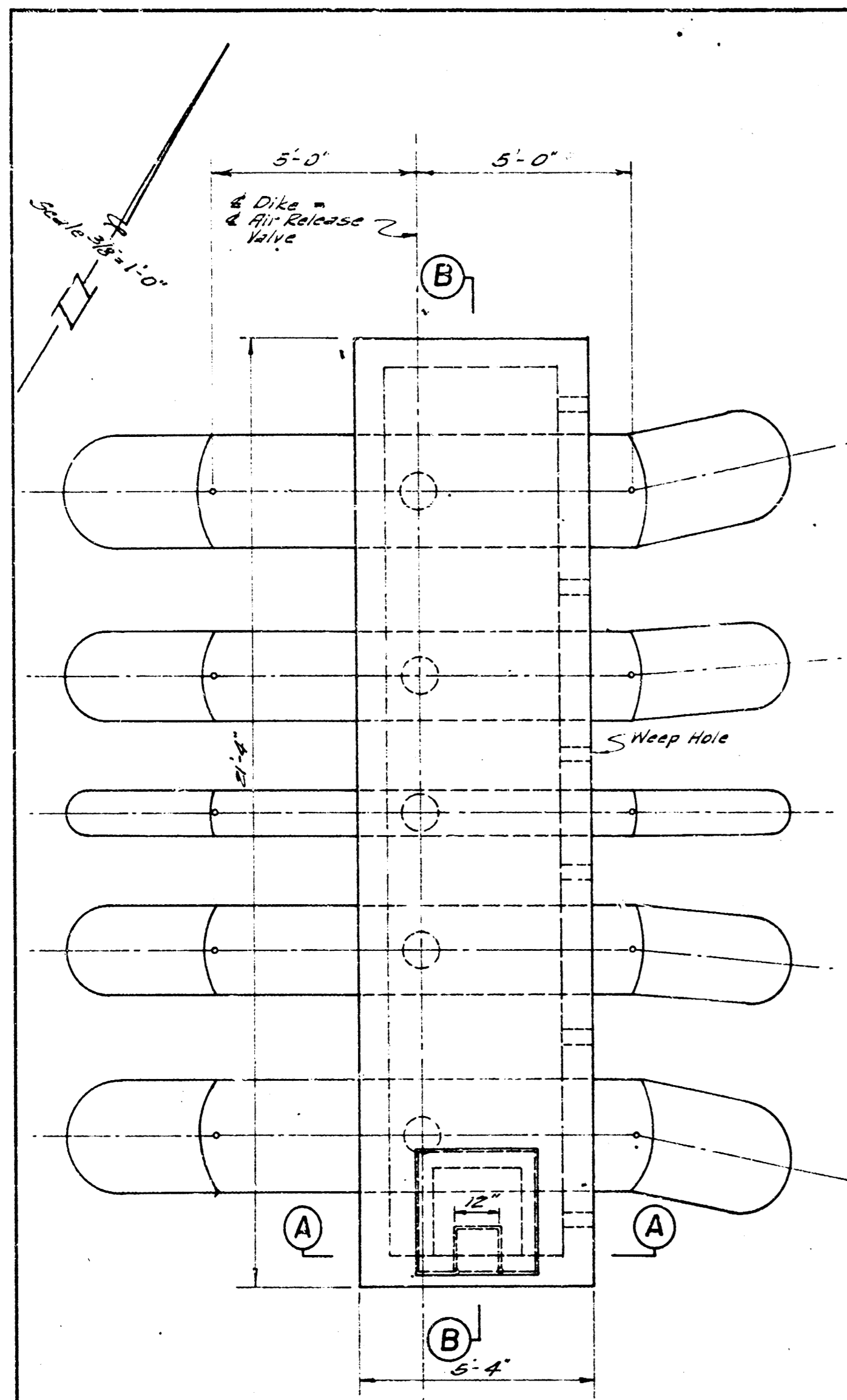


PUMPING STATION - BAR SCHEDULE					
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQ'D	WEIGHT
#1011	#10	Base	37'-0"	74	11941
#1012	#10	"	17'-0"	20	1463
#1013	#10	"	42'-0"	68	12289
#1014	#10	"	31'-3"	7	941
#1015	#10	"	5'-0"	7	151
#1016	#8	"	7'-3"	97	1878
#1017	#8	"	3'-4"	8	71
#1018	#6	"	4'-9"	8	57
#1019	#10	Support Hole	16'-6"	8	568
#10110	#10	"	18'-6"	10	796
#10111	#8	Base	5'-0"	144	1922
#10112	#8	10' Heavy Wall	12'-0"	4	128
#10113	#8	"	6'-6"	10	120
#10114	#8	Primary Wall, Side Wall	9'-9"	44	1145
#10115	#6	Primary Wall, Side Wall	3'-6"	290	1525
#10116	#6	"	5'-9"	163	978
#10117	#6	Primary Wall, West Wall	34'-6"	20	720
#10118	#6	"	35'-6"	20	1896
#10119	#8	Side Wall, West Wall	13'-9"	94	3451
#10120	#6	Primary Wall	8'-6"	8	102
#10121	#6	Primary Wall, Side Wall	11'-6"	38	656
#10122	#6	Primary Wall	16'-6"	8	198
#10123	#6	Primary Wall, West Wall	34'-6"	20	1066
#10124	#8	Side Wall	13'-3"	2	71
#10125	#8	"	12'-9"	2	68
#10126	#8	"	12'-0"	2	64
#10127	#8	"	11'-6"	2	61
#10128	#8	"	11'-0"	2	59
#10129	#8	"	10'-6"	2	56
#10130	#8	"	10'-0"	2	53
#10131	#8	"	38'-6"	20	2056
#10132	#6	Side Wall, West Wall	9'-9"	94	956
#10133	#6	Side Wall	37'-6"	24	939
#10134	#6	"	18'-6"	16	309
#10135	#6	"	20'-3"	2	156
#10136	#6	"	28'-0"	2	150
#10137	#6	"	26'-6"	2	142
#10138	#6	"	25'-0"	2	134
#10139	#6	Side Wall, West Wall	16'-6"	92	2142
#10140	#6	Side Wall	15'-3"	2	46
#10141	#6	"	14'-6"	2	44
#10142	#6	"	14'-0"	2	42
#10143	#6	"	13'-3"	2	40
#10144	#6	"	12'-9"	2	38
#10145	#6	"	12'-3"	2	37
#10146	#6	"	38'-6"	20	1157
#10147	#6	"	20'-3"	2	88
#10148	#6	"	28'-0"	2	84
#10149	#6	"	26'-6"	2	80
#10150	#6	"	25'-0"	2	75
#10151	#6	West Wall	9'-9"	48	703
#10152	#6	"	3'-6"	6	50
#10153	#6	"	6'-0"	4	36
#10154	#6	"	7'-0"	1	11
#10155	#6	"	34'-6"	8	415
#10156	#6	"	27'-6"	2	65
#10157	#6	"	21'-0"	4	25
#10158	#6	"	7'-0"	2	18
#10159	#8	Corners	4'-0"	48	513
#10160	#6	"	2'-0"	40	167
#10161	#6	Operating Slab	19'-6"	6	122
#10162	#6	Operating Slab, Beam #2	2'-6"	10	26
#10163	#6	Operating Slab	3'-6"	12	44
#10164	#6	Operating Slab, Walkway	4'-9"	10	50
#10165	#6	Operating Slab	2'-3"	6	13
#10166	#6	"	3'-0"	10	31
#10167	#6	"	20'-0"	2	42
#10168	#6	"	35'-6"	6	222
#10169	#6	"	16'-6"	6	103
#10170	#6	"	7'-0"	4	29
#10171	#6	"	11'-6"	22	269
#10172	#6	Walkway	3'-9"	4	16
#10173	#6	Operating Slab	6'-3"	2	13
#10174	#6	"	18'-6"	6	74
#10175	#6	"	2'-6"	6	10
#10176	#6	"	3'-6"	14	33

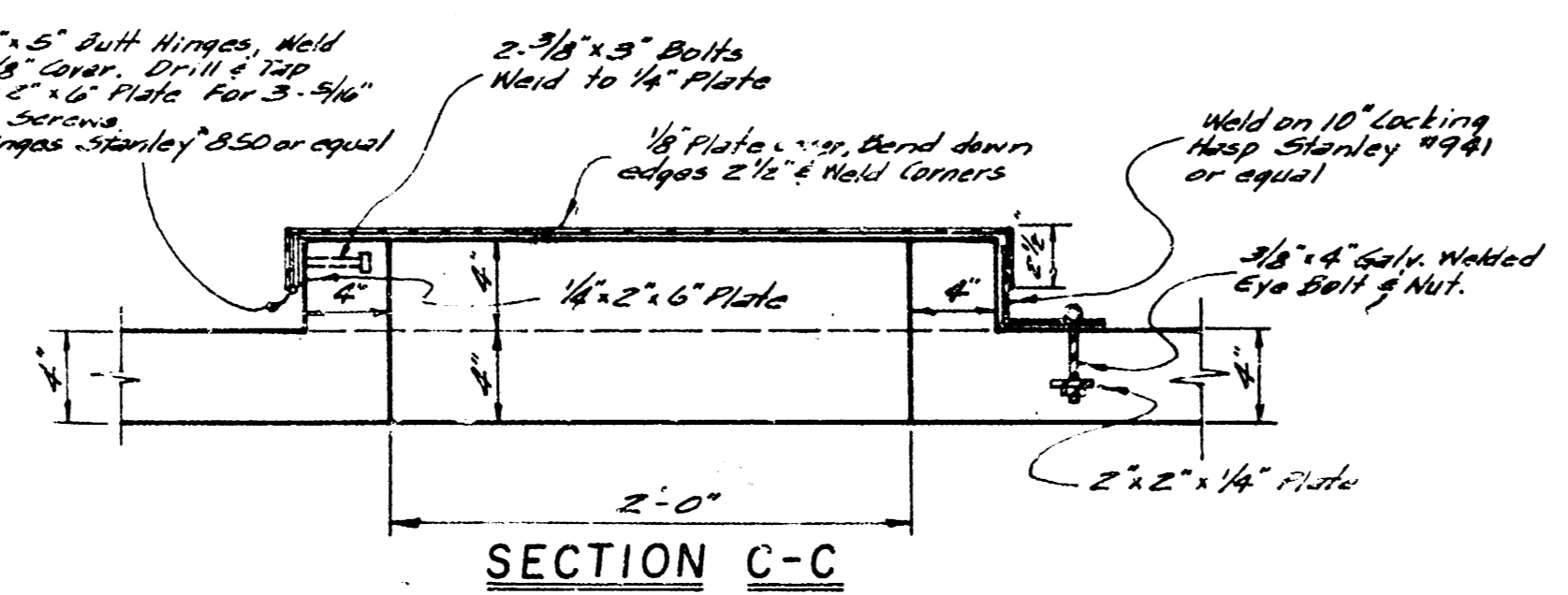
PUMPING STATION - BAR SCHEDULE					
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQ'D	WEIGHT
#4K17	#4	Operating Slab	4'-6"	1	3
#4K18	#4	"	10'-6"	20	140
#4K19	#4	"	6'-0"	3	12
#4K20	#4	"	14'-0"	2	19
#4K21	#4	"	3'-3"	10	22
#4K22	#4	"	2'-3"	6	9
#4K23	#4	"	6'-3"	1	4
#4K24	#4	"	20'-0"	1	13
#4K25	#4	Operating Service Slab	34'-6"	14	323
#4K26	#4	Operating Slab	15'-6"	8	83
#4L1	#4	Service Slab	6'-6"	62	269
#5N11	#8	Beam #1	41'-6"	4	443
#5N12	#8	"	41'-6"	4	442
#5N13	#8	"	34'-6"	4	368
#5N14	#8	"	9'-8"	22	116
#5N15	#8	Beam #2	11'-6"	22	95
#5N16	#7	"	38'-8"	3	235
#5N17	#7	"	38'-6"	2	141
#5N18	#7	"	34'-6"	8	154
#5N19	#8	Beam #3	4'-2"	22	34
#5N20	#7	"	37'-6"	2	153
#5N21	#6	"	34'-6"	2	104
#5N22	#8	Beam #4, 4A, 4B	3'-6"	82	103
#5N23	#8	Beam #4	10'-0"	20	209
#5N24	#8	"	4'-0"	20	188
#5N25	#8	Beam #4A	4'-9"	4	20
#5N26	#8	Beam #4B	4'-0"	4	17
#5N1	#5	Support	15'-8"	19	311
#4P1	#4	Baffle	3'-0"	64	128
#4P2	#4	"	8'-9"	28	164
#4P3	#4	"	6'-3"	36	150
#4R1	#4	Steps & Platform	3'-6"	18	42
#4E2	#4	"	3'-9"	6	52
#4E3	#4	"	5'-0"	12	40
#4E4	#4	"	7'-9"	4	21
#4E5	#4	"	6'-0"	4	16
#4E6	#4	"	7'-3"	4	20
#4E7	#4	"	8'-7"	4	23
#4E8	#4	"	9'-4"	4	25
#4E9	#4	"	5'-6"	4	15
#5S1	#5	Roof Slab	17'-9"	68	1259

NOTE:
BAR DETAILS ARE NOT TO SCALE.
UNLESS OTHERWISE INDICATED, ALL BENDS ARE 90 DEGREES.

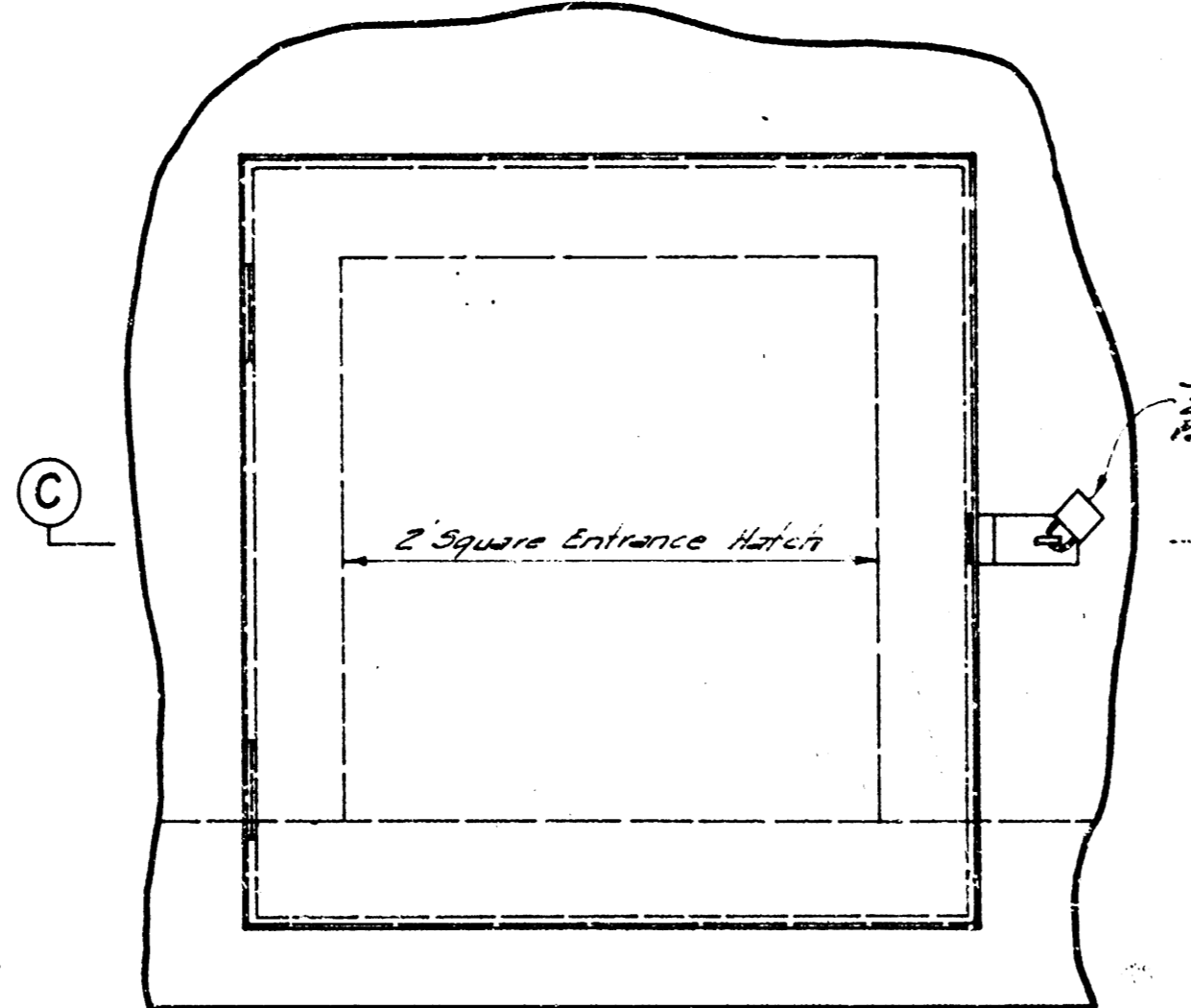




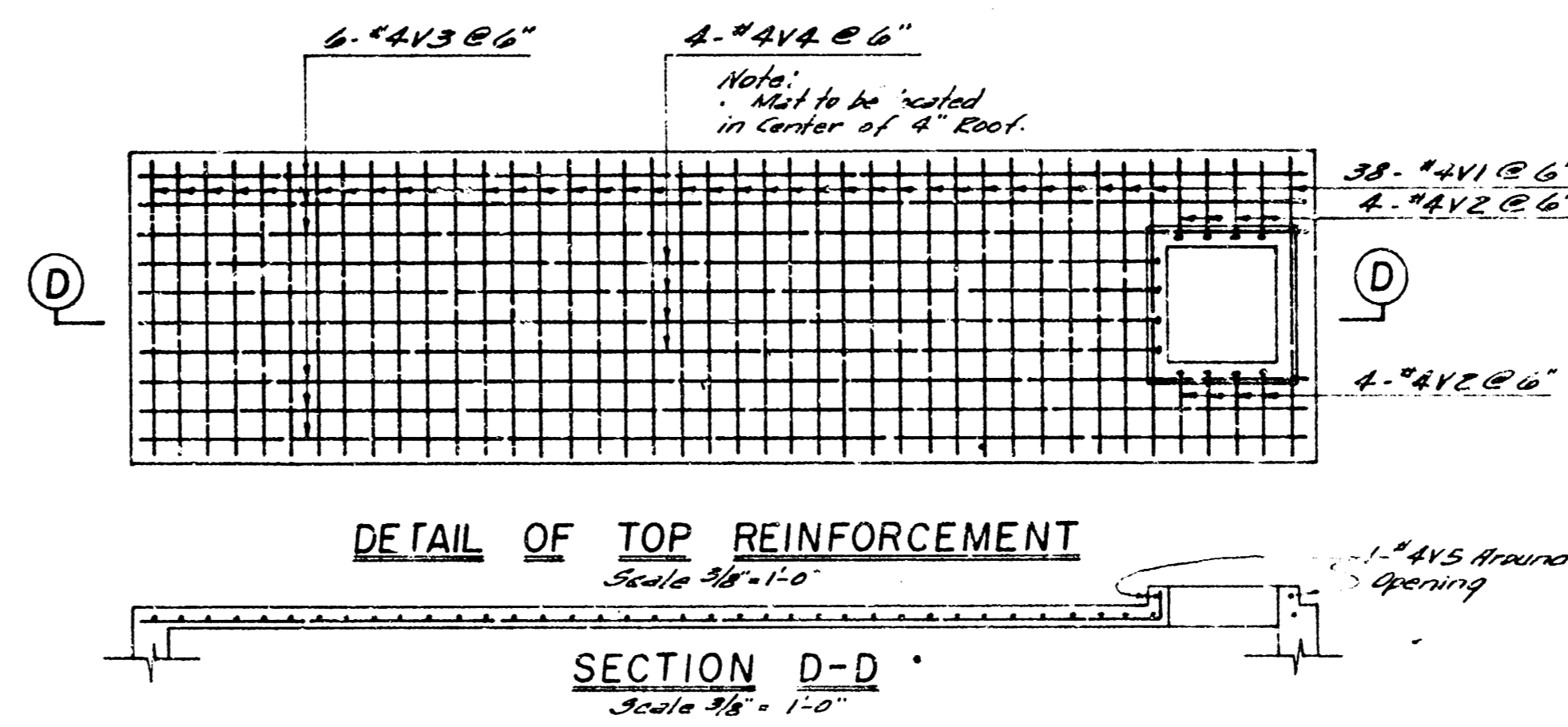
PLAN OF SIPHON BREAK MANHOLE
Scale 3/8" = 1'-0"



SECTION C-C

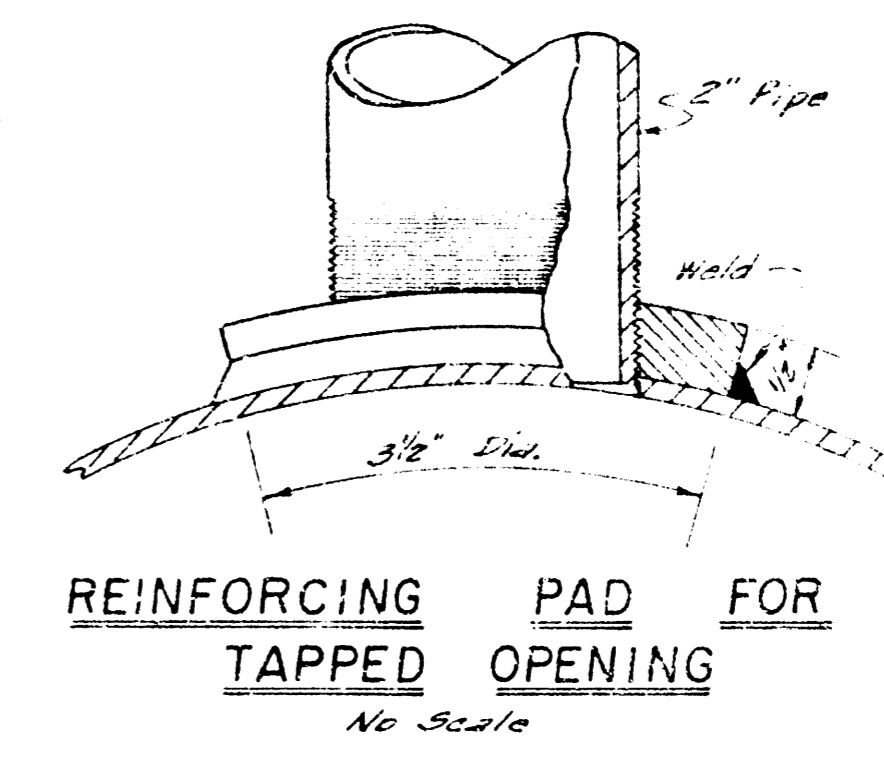


DETAIL OF HATCHWAY COVER
Scale 1/2" = 1'-0"

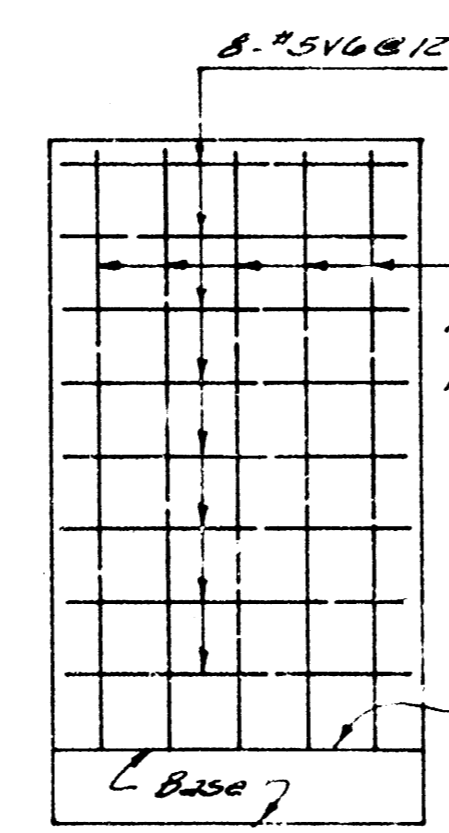


DETAIL OF TOP REINFORCEMENT

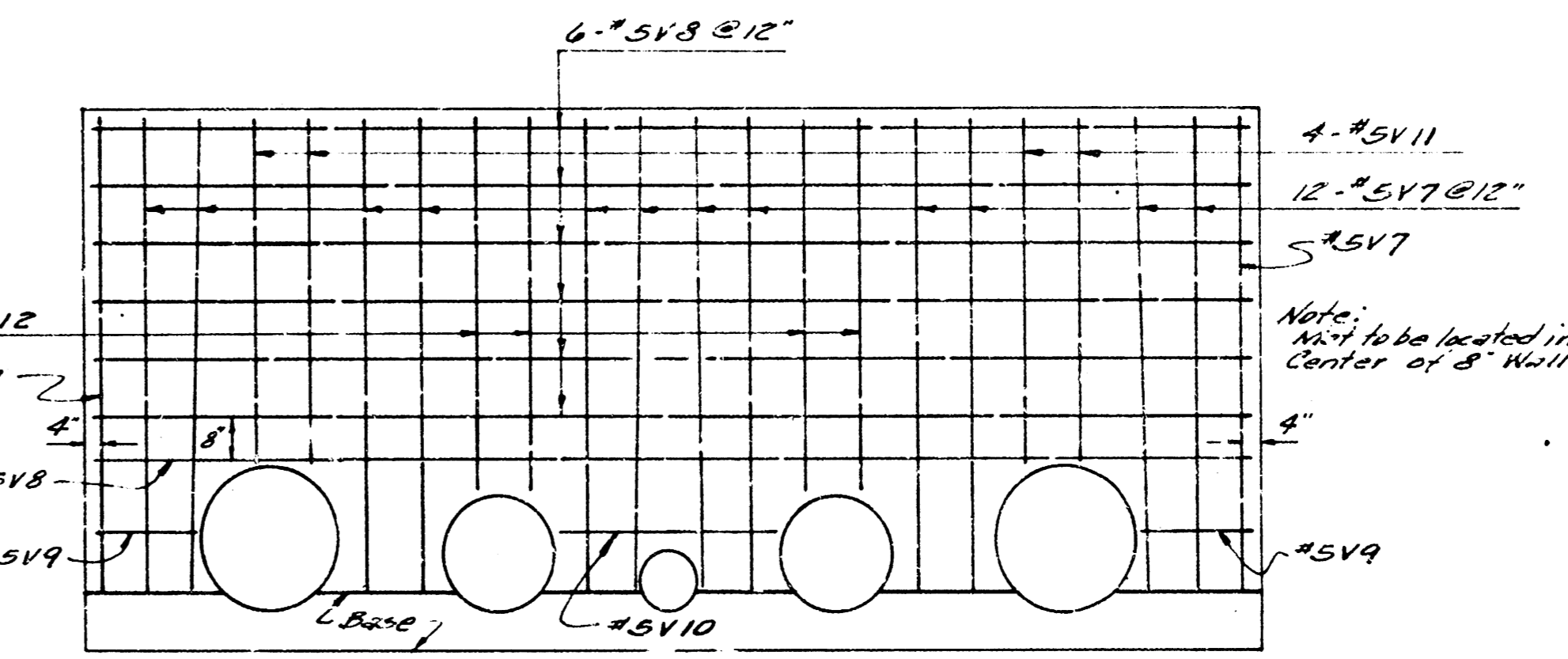
SECTION D-D
Scale 3/8" = 1'-0"



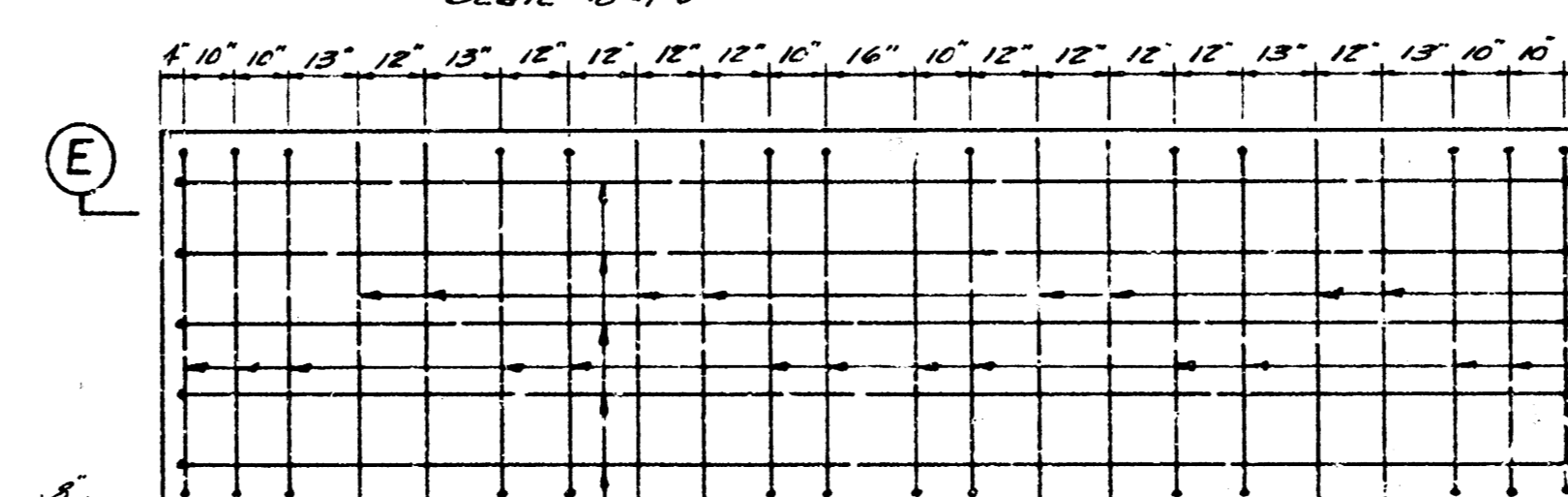
REINFORCING PAD FOR TAPPED OPENING
No Scale



END WALL REINFORCEMENT
Scale 3/8" = 1'-0"

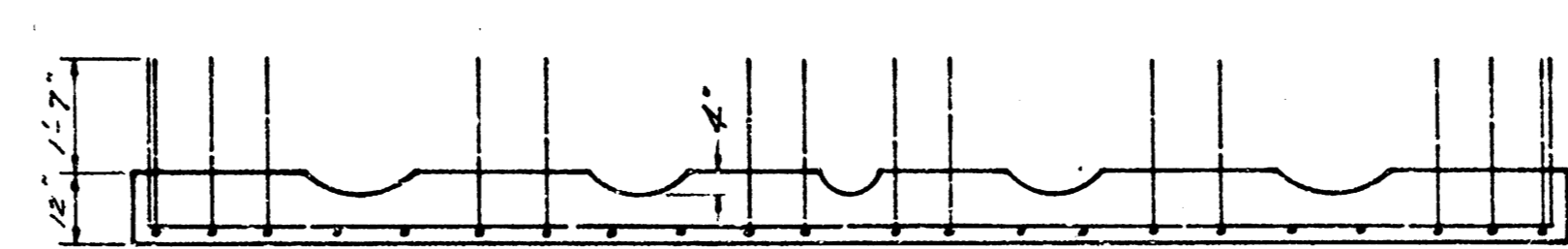


SIDE WALL REINFORCEMENT
Scale 3/8" = 1'-0"

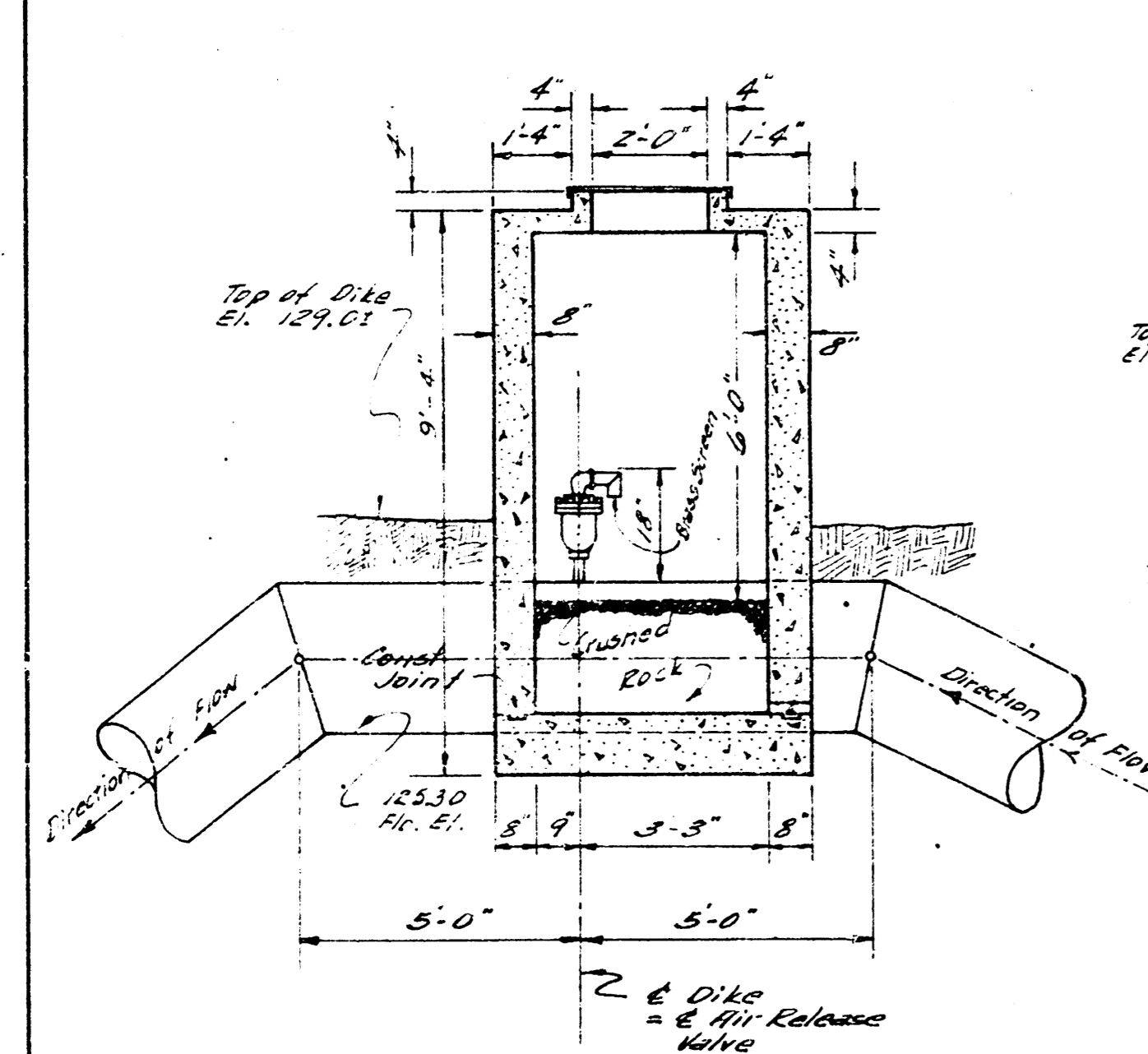


BASE REINFORCEMENT
Scale 3/8" = 1'-0"

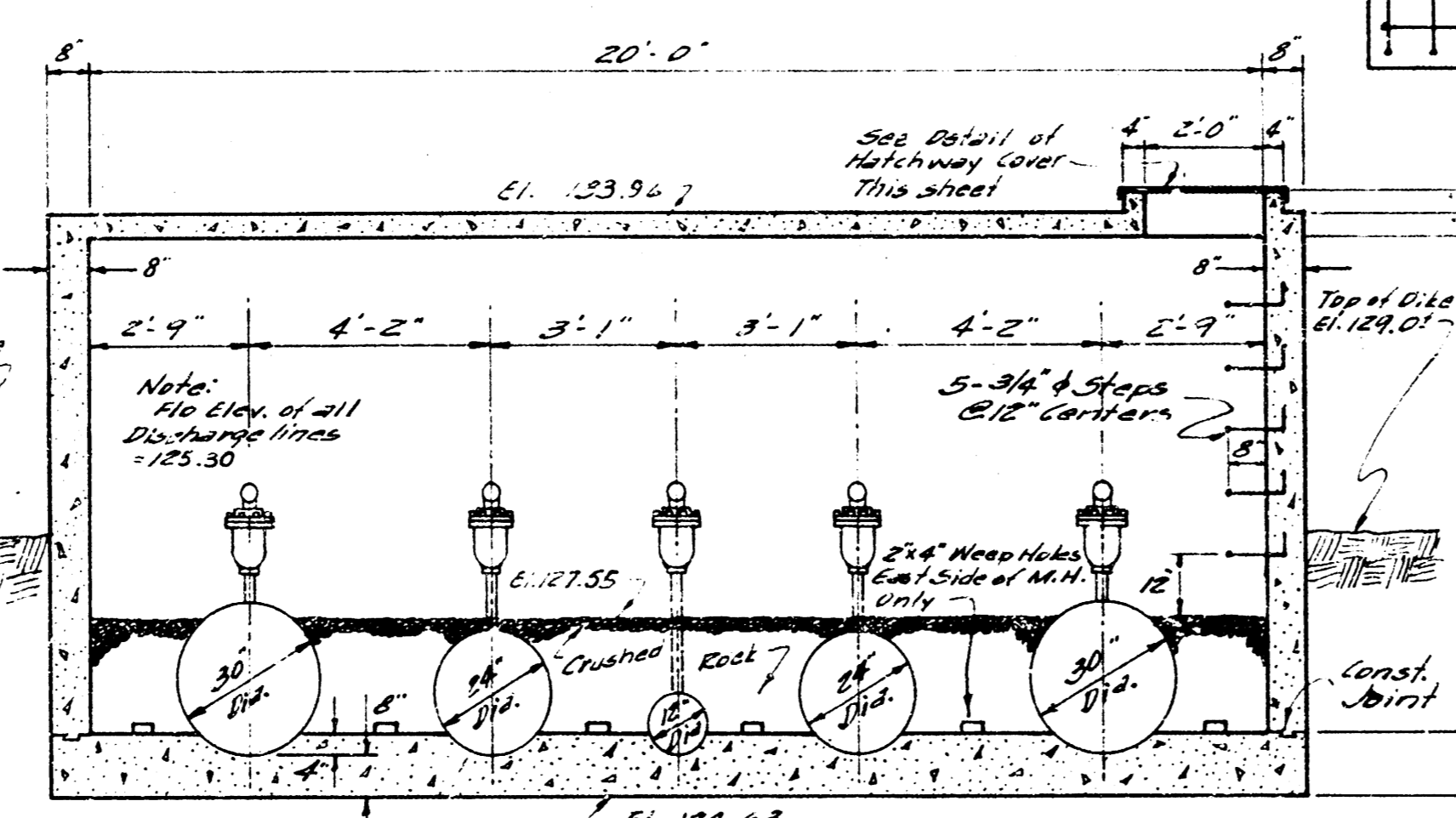
BAR SCHEDULE - SIPHON BREAK MANHOLE						
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQD.	SHAPE	WEIGHT
#4V1	#4	TOP	5'-0"	38	—	127
#4V2	#4	"	1'-8"	8	—	10
#4V3	#4	"	21'-0"	4	—	84
#4V4	#4	"	18'-8"	4	—	50
#4V5	#4	"	9'-8"	1	□	6
#5V6	#5	END WALL	5'-0"	24	—	125
#5V7	#5	SIDE WALL	8'-2"	30	—	304
#5V8	#5	SIDE WALL	21'-0"	14	—	307
#5V9	#5	"	1'-9"	4	—	7
#5V10	#5	"	4'-0"	2	—	4
#5V11	#5	"	5'-9"	8	—	48
#5V12	#5	"	6'-6"	8	—	54
#5V13	#5	BASE	25'-4"	5	—	133
#5V14	#5	"	9'-4"	14	—	139



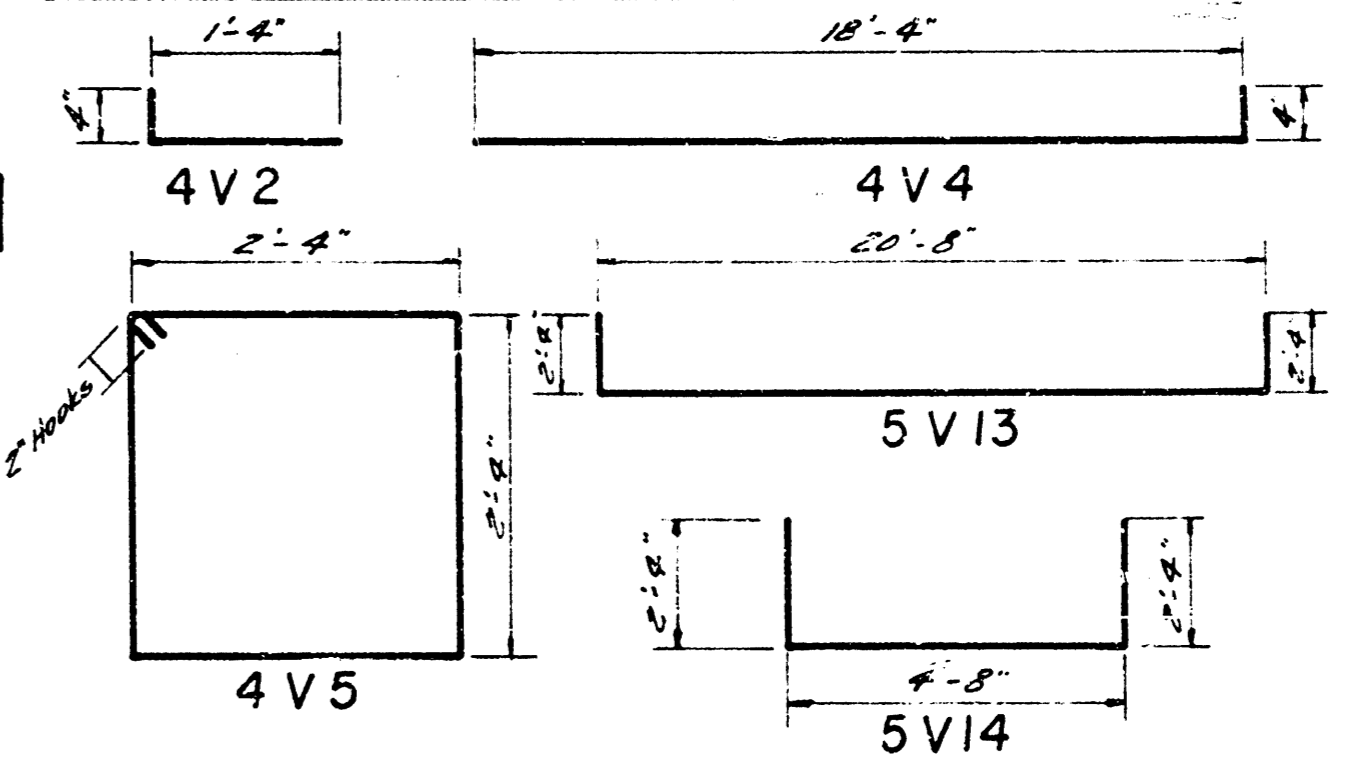
SECTION E-E
Scale 3/8" = 1'-0"



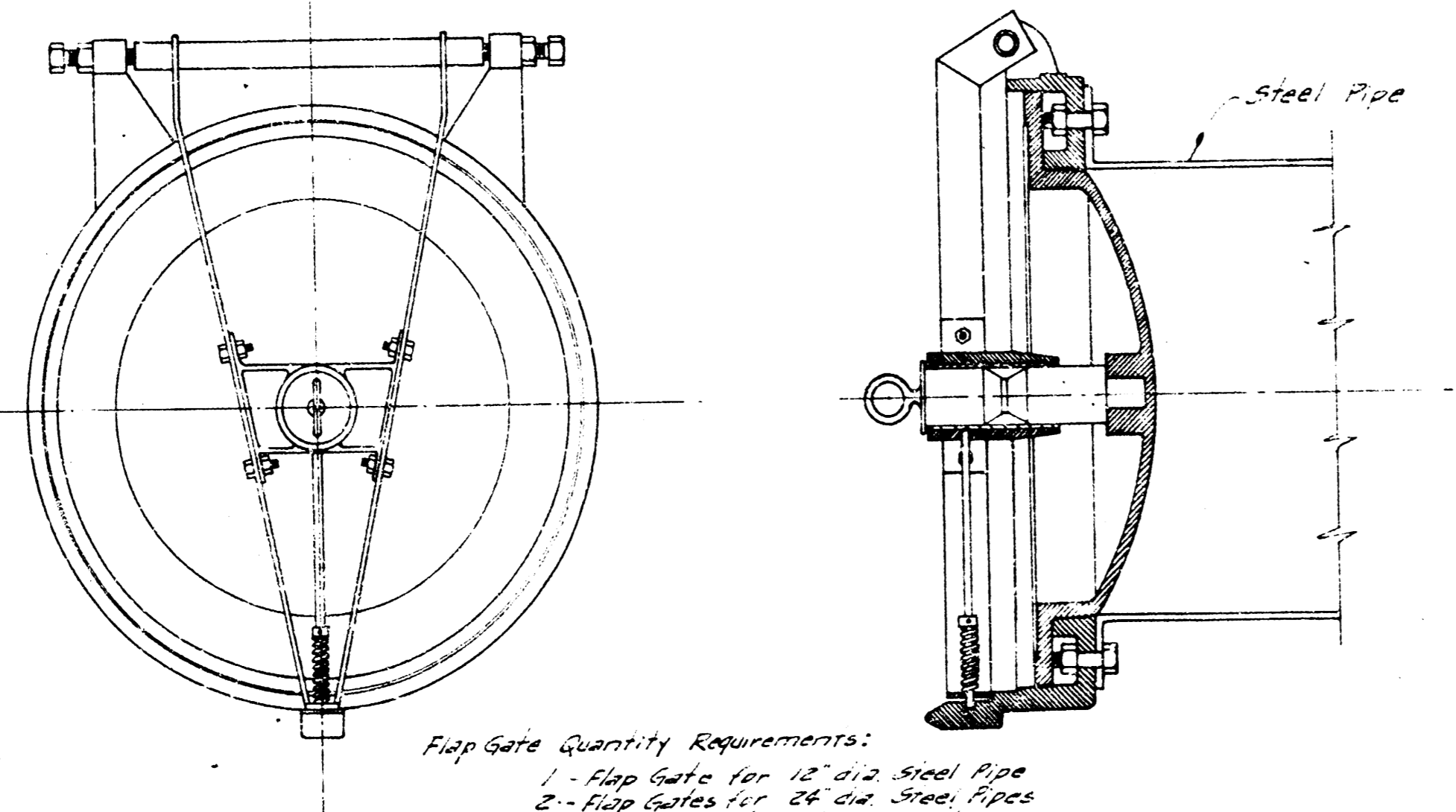
SECTION A-A
Scale 3/8" = 1'-0"



SECTION B-B
Scale 3/8" = 1'-0"

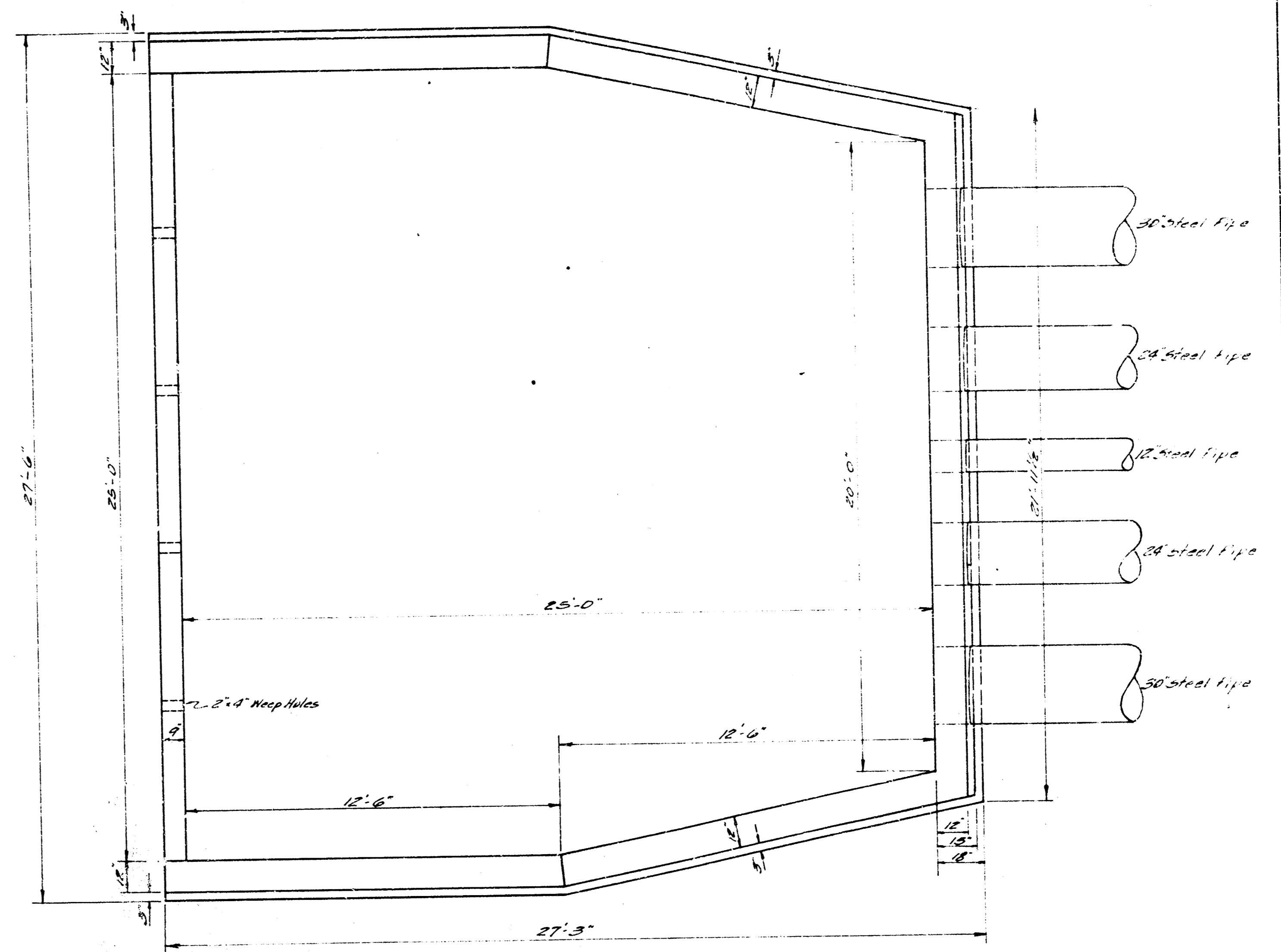


NOTE: BAR DETAILS ARE NOT TO SCALE, UNLESS OTHERWISE INDICATED. ALL BENDS ARE 90 DEGREES.

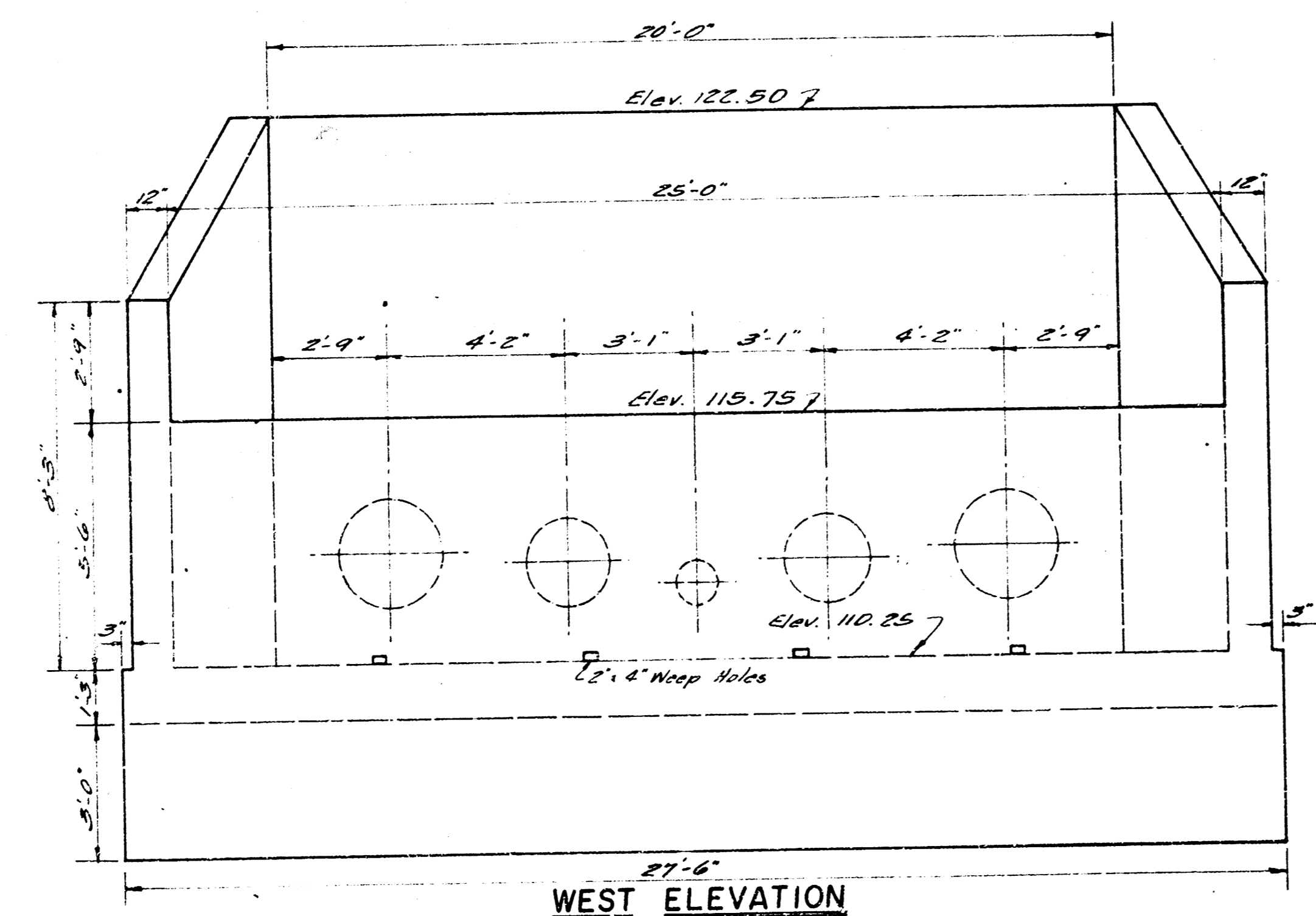


Flap Gate Quantity Requirements:
 1 - Flap Gate for 12" dia. Steel Pipe
 2 - Flap Gates for 24" dia. Steel Pipes
 2 - Flap Gates for 30" dia. Steel Pipes

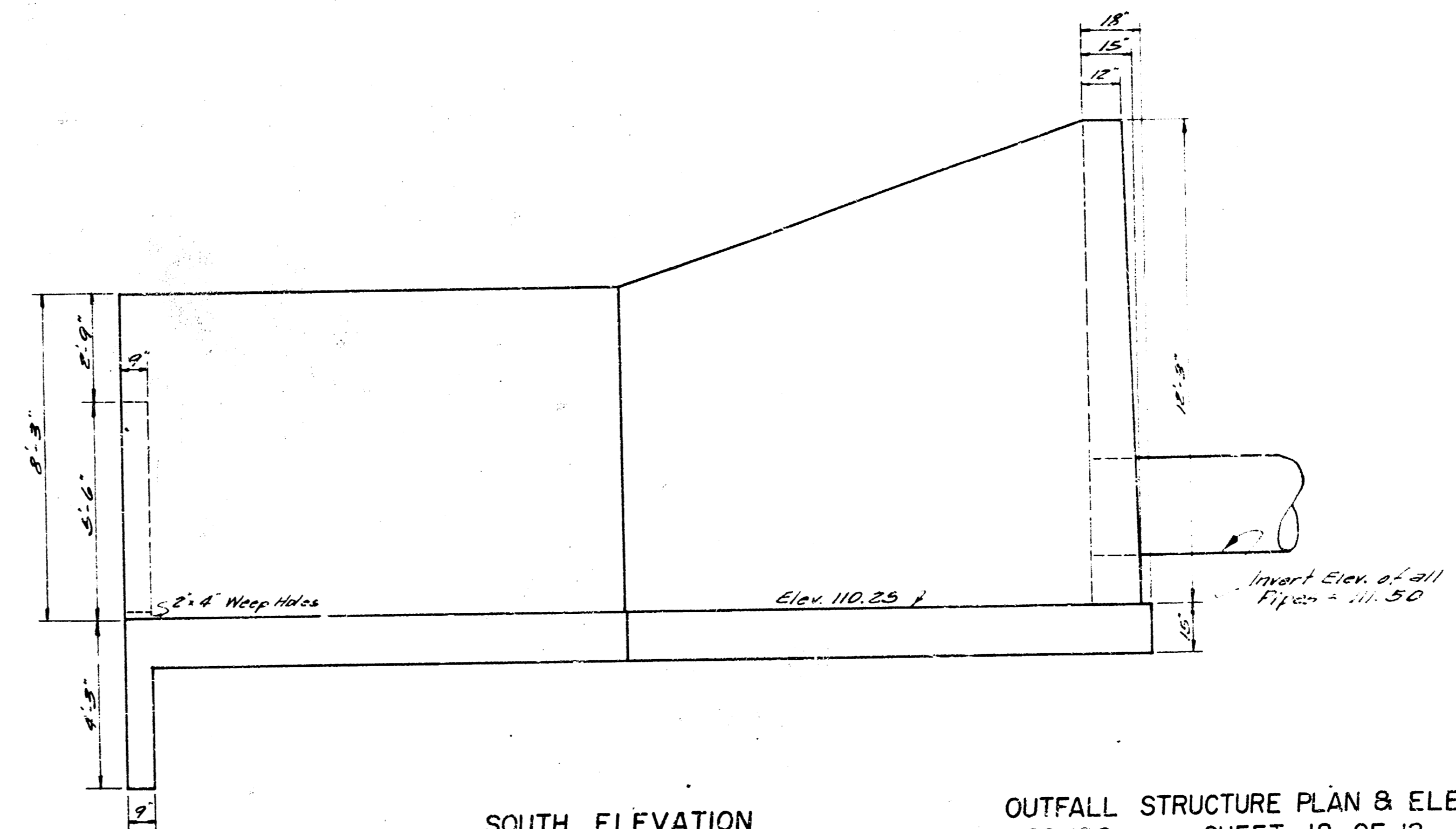
FLAP GATE DETAILS
 No Scale



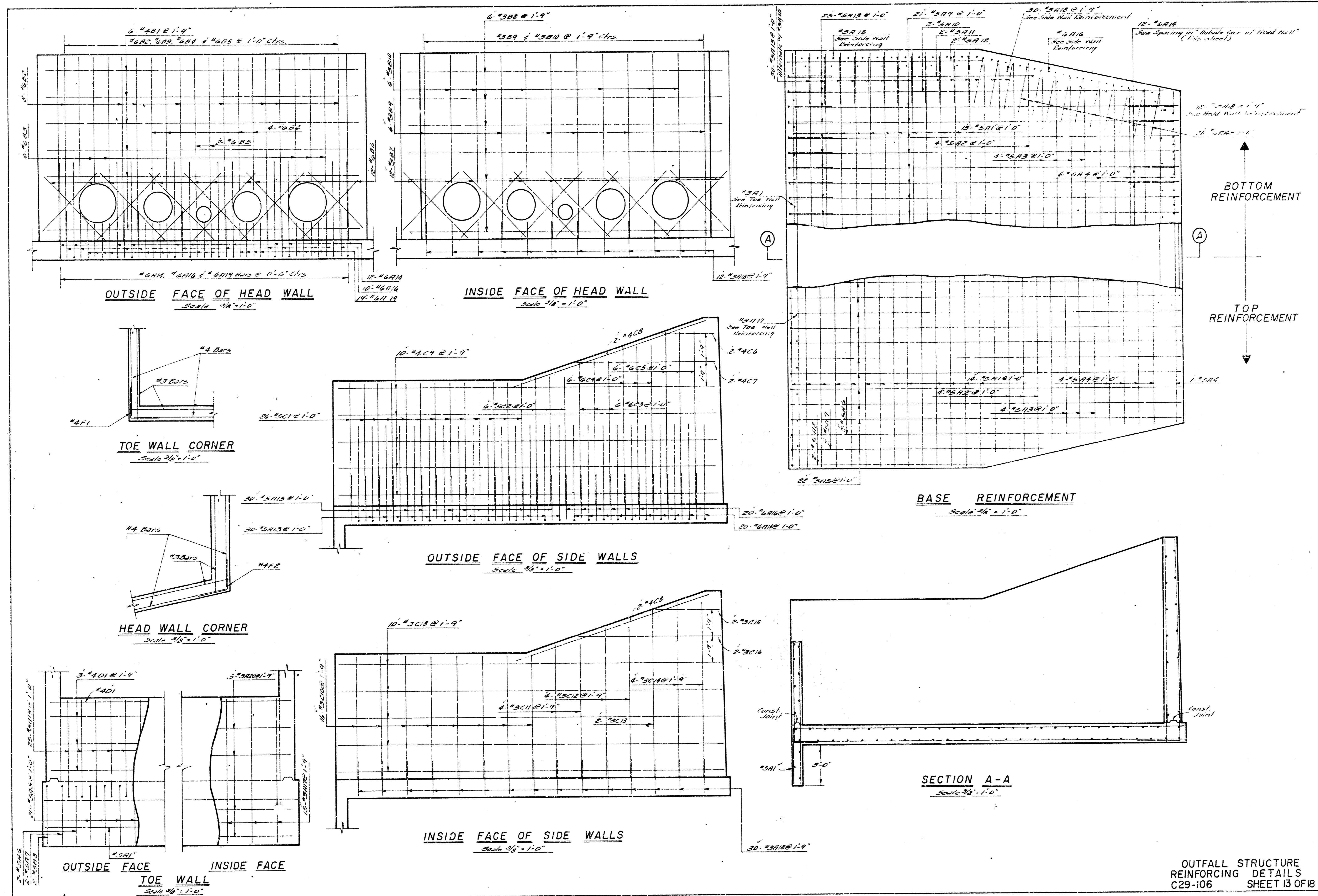
TOP VIEW OF OUTFALL STRUCTURE
 Scale 3/8" = 1'-0"



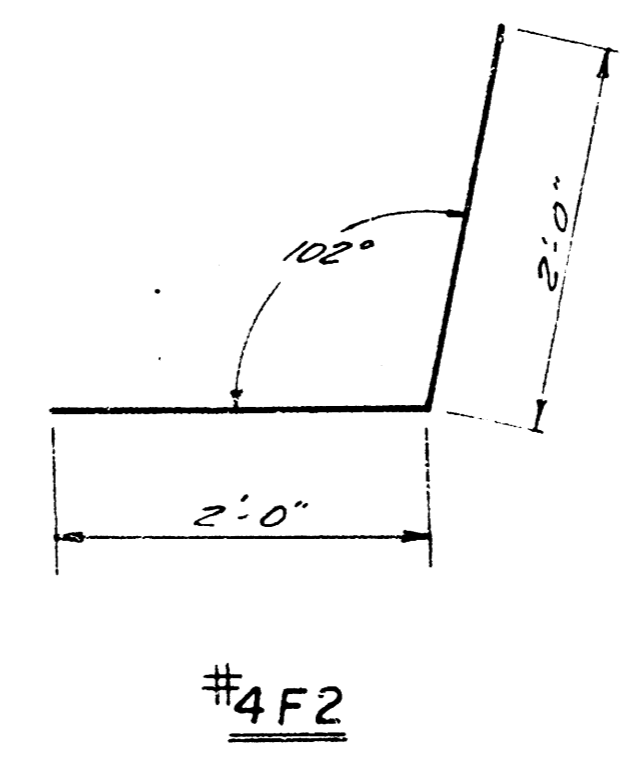
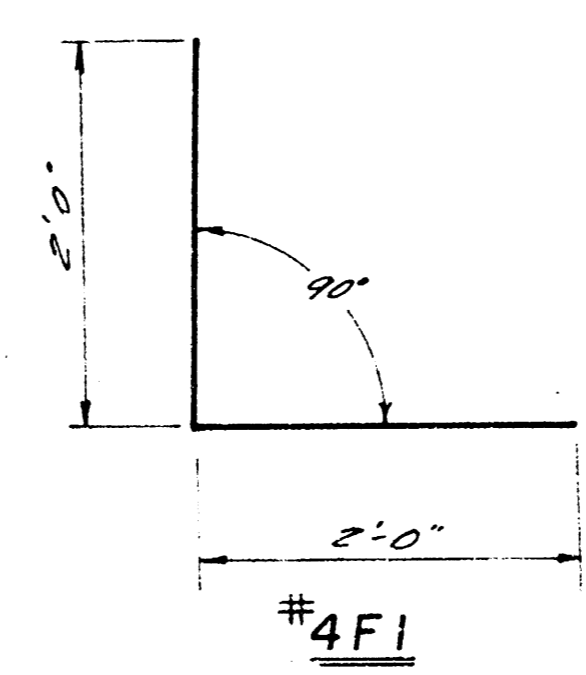
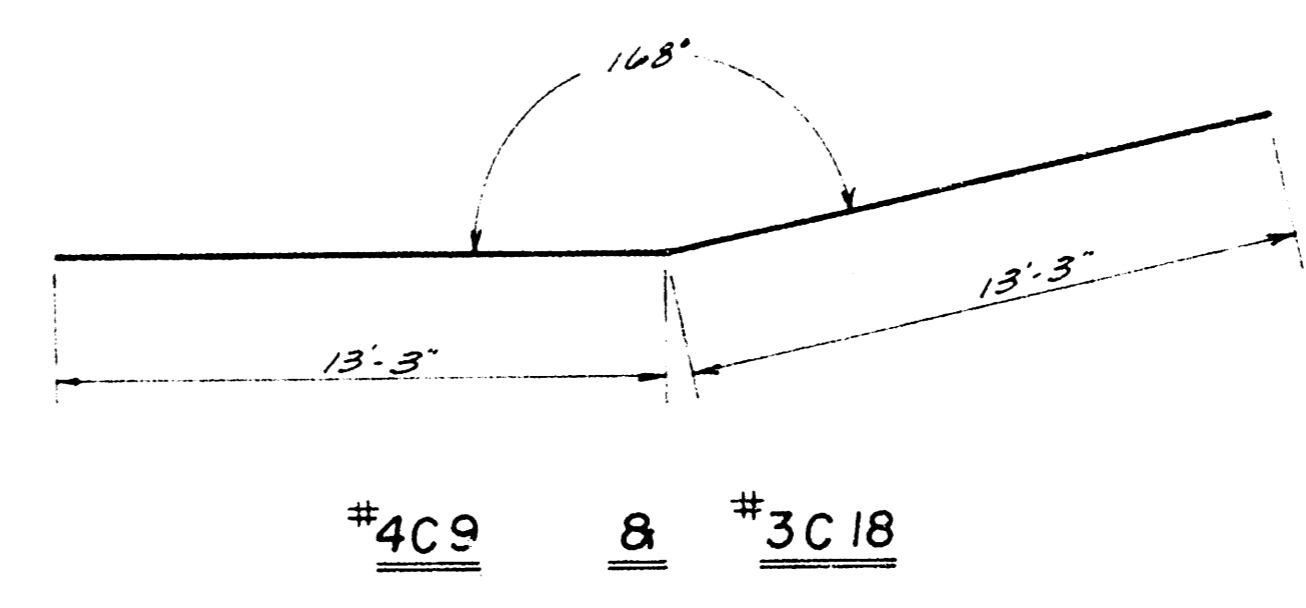
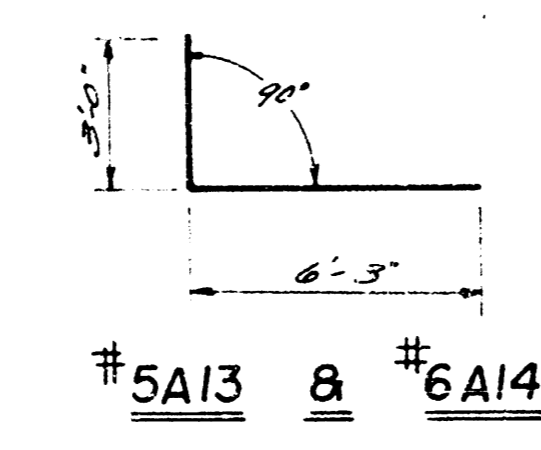
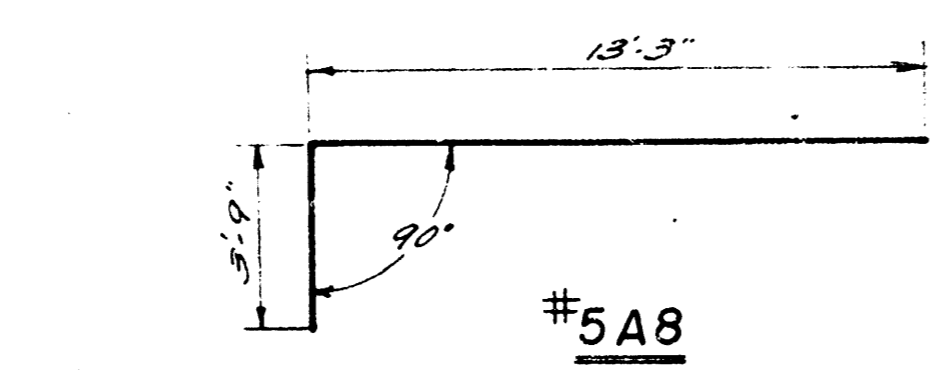
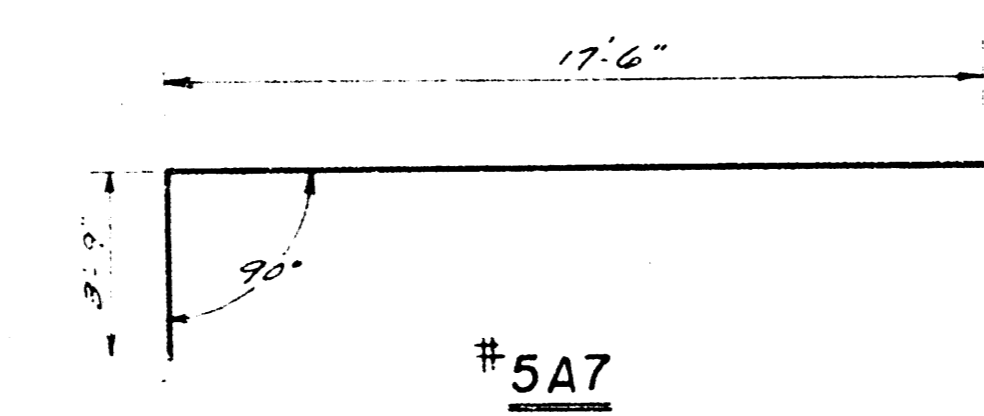
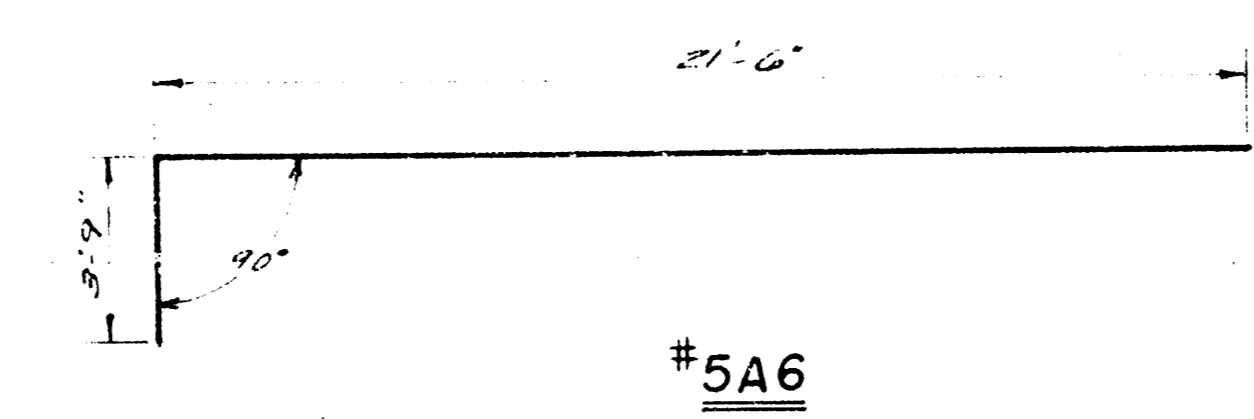
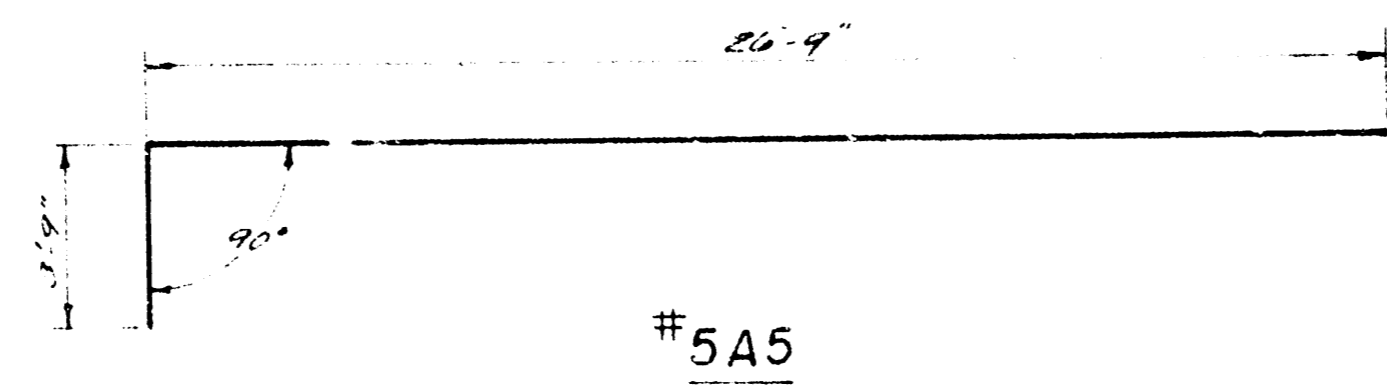
WEST ELEVATION
 Scale 3/8" = 1'-0"

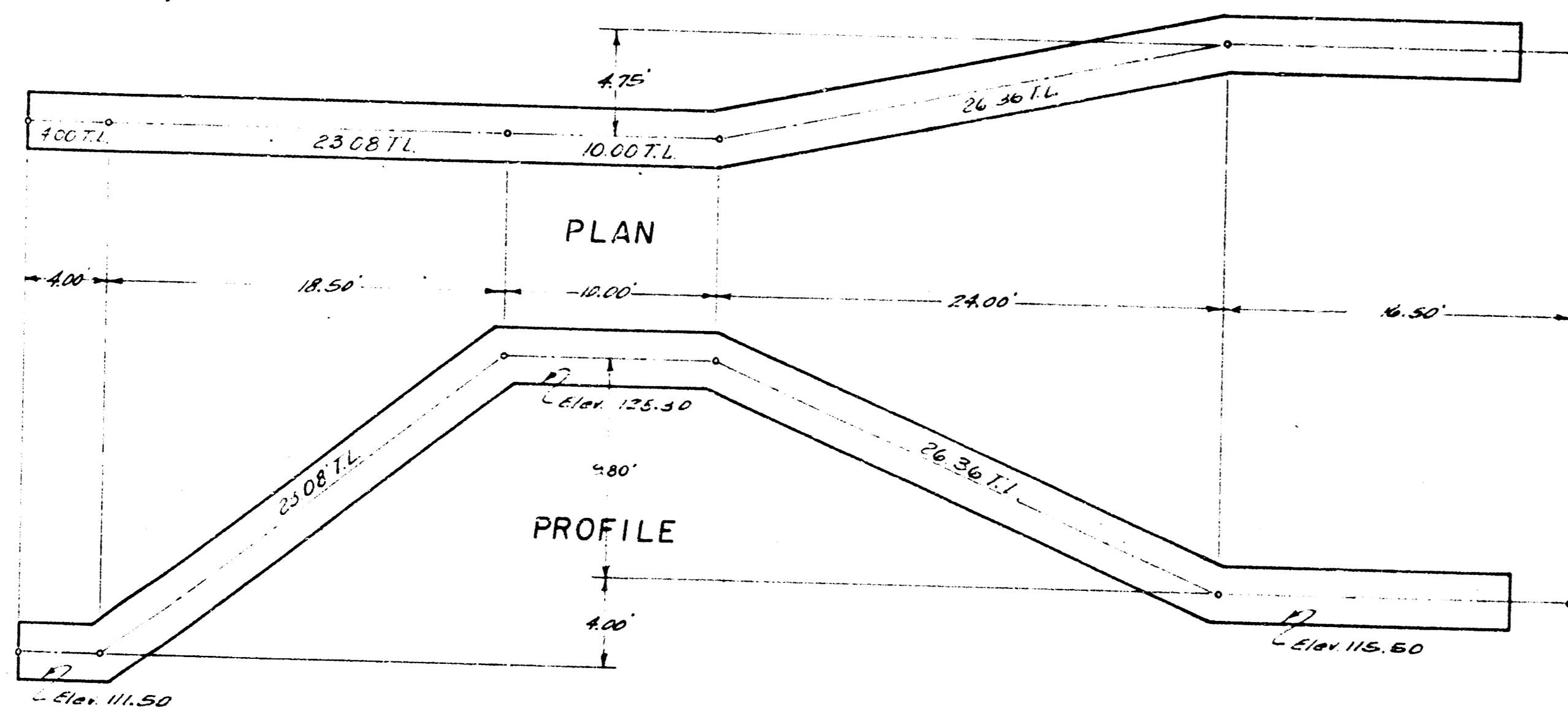


SOUTH ELEVATION
 Scale 3/8" = 1'-0"

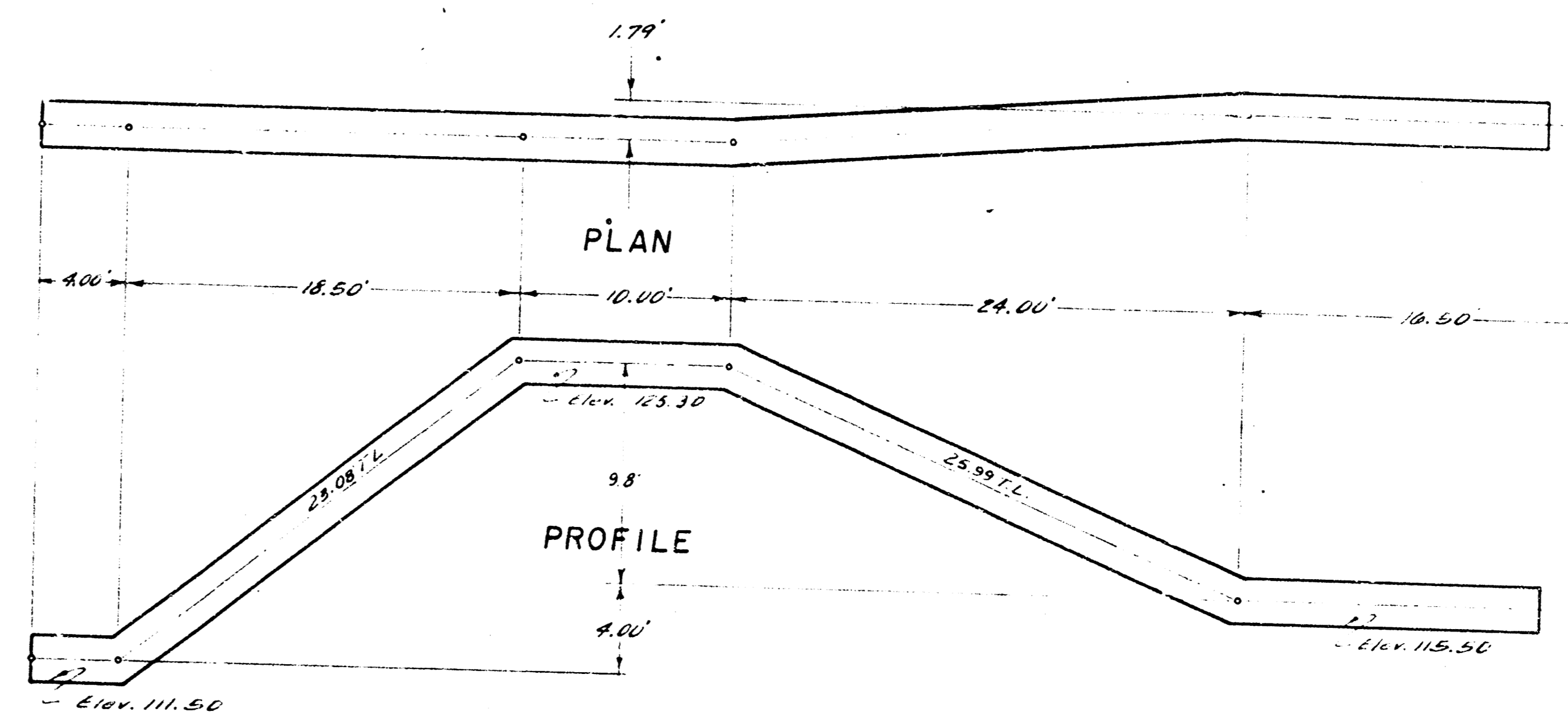


OUTFALL STRUCTURE - BAR SCHEDULE						
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQD.	SHAPE	WEIGHT
#5A1	#5	Base of Down	27'-0"	28	U	787
#5A2	#5	Base	25'-0"	8	U	213
#5A3	#5	Base	24'-0"	8	U	200
#5A4	#5	Base	21'-0"	11	U	297
#5A5	#5	Base	33'-0"	22	U	700
#5A6	#5	Base	26'-0"	2	U	53
#5A7	#5	Base	2'-0"	2	U	44
#5A8	#5	Base	17'-0"	2	U	36
#5A9	#5	Base	26'-0"	21	U	586
#5A10	#5	Base	26'-0"	2	U	54
#5A11	#5	Base	17'-0"	2	U	36
#5A12	#5	Base	8'-0"	2	U	18
#5A13	#5	Base	4'-0"	65	U	181
#5A14	#5	Base	4'-0"	32	U	84
#5A15	#5	Base	3'-0"	94	U	265
#5A16	#5	Base	3'-0"	30	U	84
#5A17	#5	Base	4'-0"	15	U	36
#5A18	#5	Base	8'-0"	42	U	117
#5A19	#5	Base	2'-0"	19	U	50
#5A20	#5	Top Wall	27'-0"	5	U	80
#5A21	#5	Head Wall	27'-0"	8	U	194
#5A22	#5	Head Wall	12'-0"	6	U	74
#5A23	#5	Head Wall	8'-0"	6	U	53
#5A24	#5	Head Wall	4'-0"	4	U	39
#5A25	#5	Head Wall	4'-0"	2	U	113
#5A26	#5	Head Wall	6'-0"	12	U	28
#5A27	#5	Head Wall	27'-0"	6	U	27
#5A28	#5	Head Wall	12'-0"	6	U	19
#5A29	#5	Head Wall	8'-0"	6	U	217
#5A30	#5	Side Walls	8'-0"	6	U	52
#5A31	#5	Side Walls	8'-0"	6	U	86
#5A32	#5	Side Walls	10'-0"	6	U	92
#5A33	#5	Side Walls	11'-0"	6	U	101
#5A34	#5	Side Walls	3'-0"	2	U	5
#5A35	#5	Side Walls	4'-0"	2	U	13
#5A36	#5	Side Walls	4'-0"	4	U	37
#5A37	#5	Side Walls	26'-0"	10	U	177
#5A38	#5	Side Walls	8'-0"	16	U	48
#5A39	#5	Side Walls	8'-0"	4	U	13
#5A40	#5	Side Walls	4'-0"	4	U	15
#5A41	#5	Side Walls	11'-0"	2	U	8
#5A42	#5	Side Walls	11'-0"	4	U	17
#5A43	#5	Side Walls	4'-0"	2	U	3
#5A44	#5	Side Walls	4'-0"	2	U	7
#5A45	#5	Side Walls	26'-0"	10	U	180
#4F1	#4	Top Wall	26'-0"	4	L	71
#4F2	#4	Chimneys	4'-0"	10	L	27
#4F3	#4	Chimneys	4'-0"	14	J	37
Total						6131

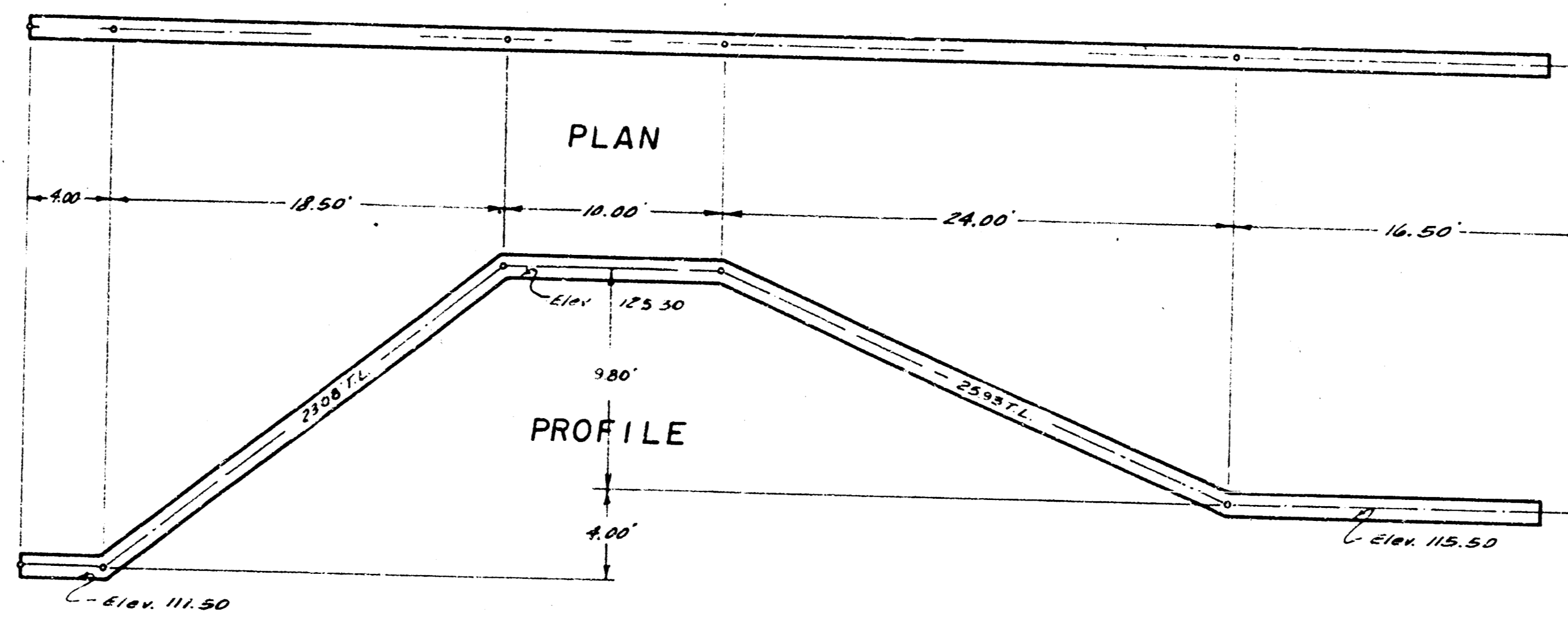




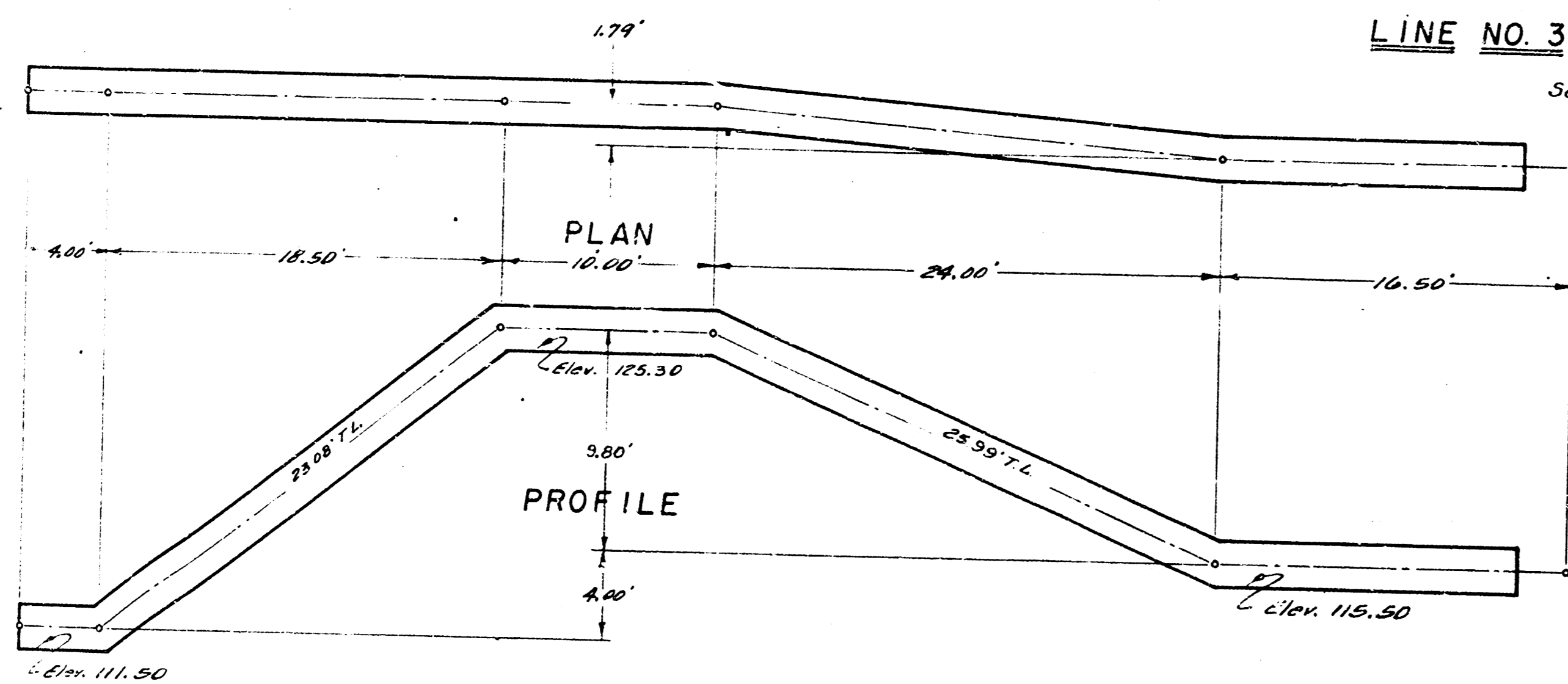
LINE NO. 1 - 30" STEEL PIPE
Scale 3/16" = 1'-0"



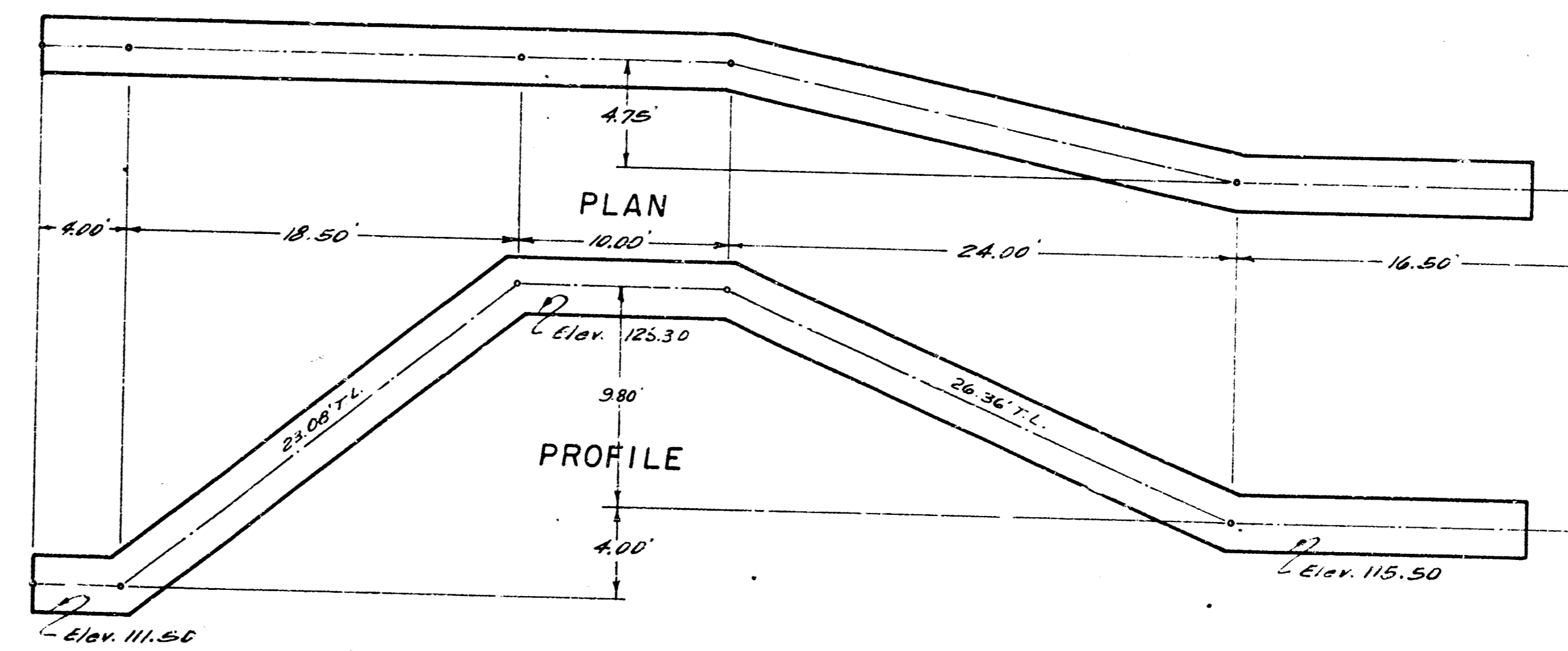
LINE NO. 2 - 24" STEEL PIPE
Scale 3/16" = 1'-0"



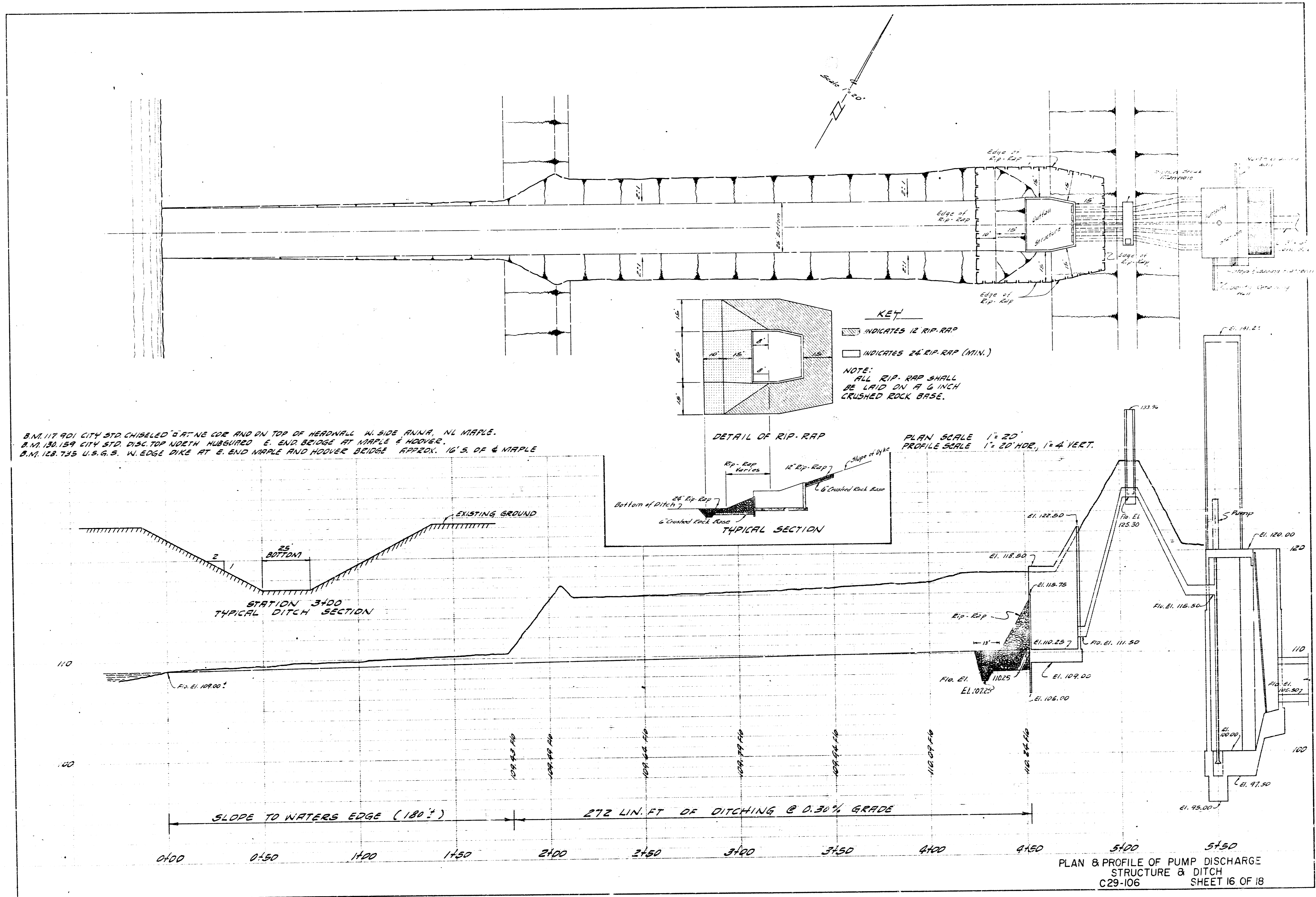
LINE NO. 3 - 12" STEEL PIPE
Scale 3/16" = 1'-0"



LINE NO. 4 - 24" STEEL PIPE
Scale 3/16" = 1'-0"

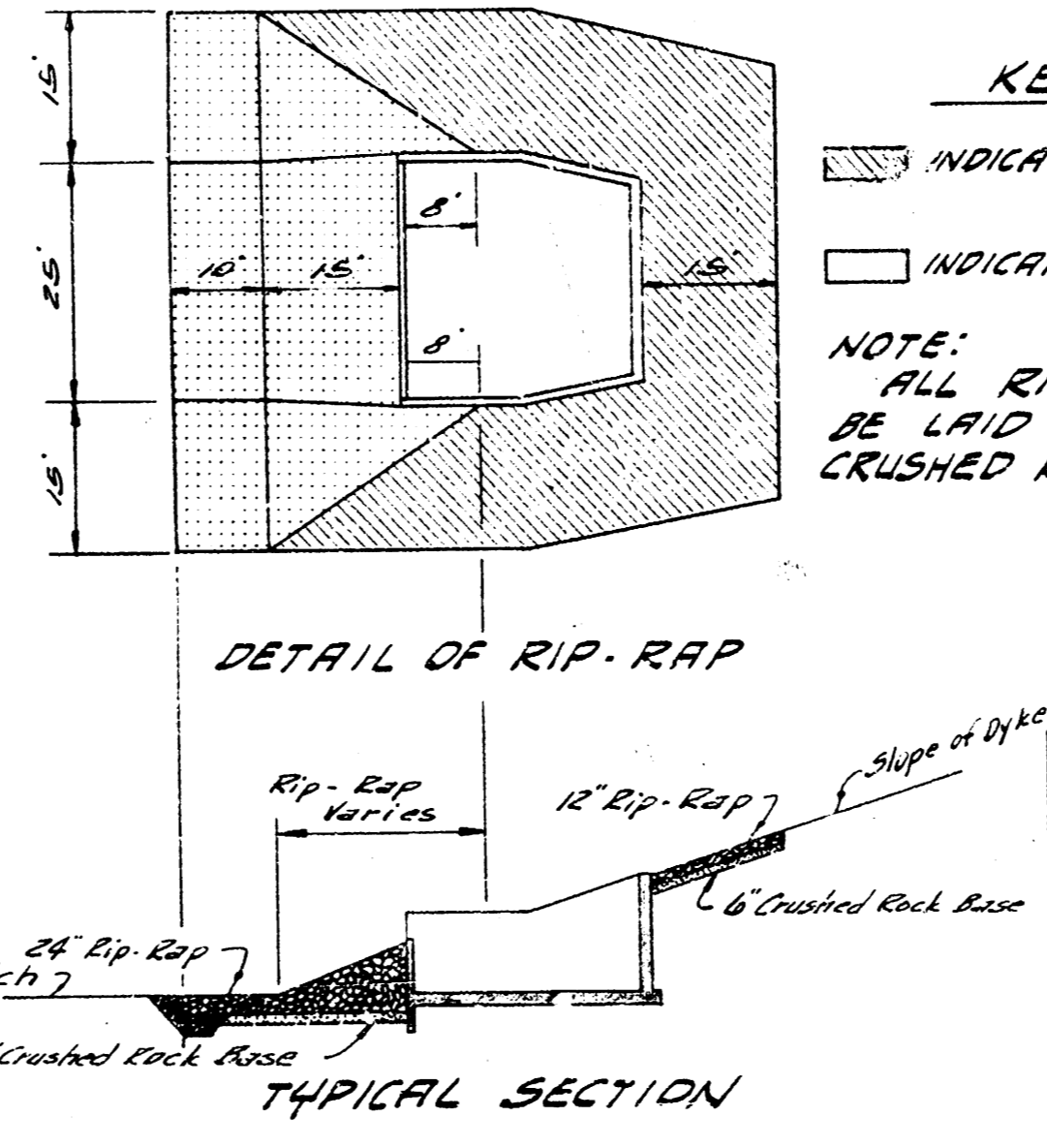


LINE NO. 5 - 30" STEEL PIPE
Scale 3/16" = 1'-0"



B.M. 117.901 CITY STD. CHISELED "G" AT NG COR AND ON TOP OF HEADWALL W. SIDE ANNA, N. MAPLE.
 B.M. 130.159 CITY STD. DISC. TOP NORTH HUBSURED E. END BRIDGE AT MAPLE & HOOVER.
 B.M. 128.733 U.S.G.S. W. EDGE DIKE AT E. END MAPLE AND HOOVER BRIDGE APPROX. 16' S. OF & MAPLE

KEY
 [Hatched pattern] INDICATES 12" RIP-RAP
 [White box] INDICATES 24" RIP-RAP (MIN.)
NOTE:
 ALL RIP-RAP SHALL
 BE LAID ON A 6" INCH
 CRUSHED ROCK BASE.

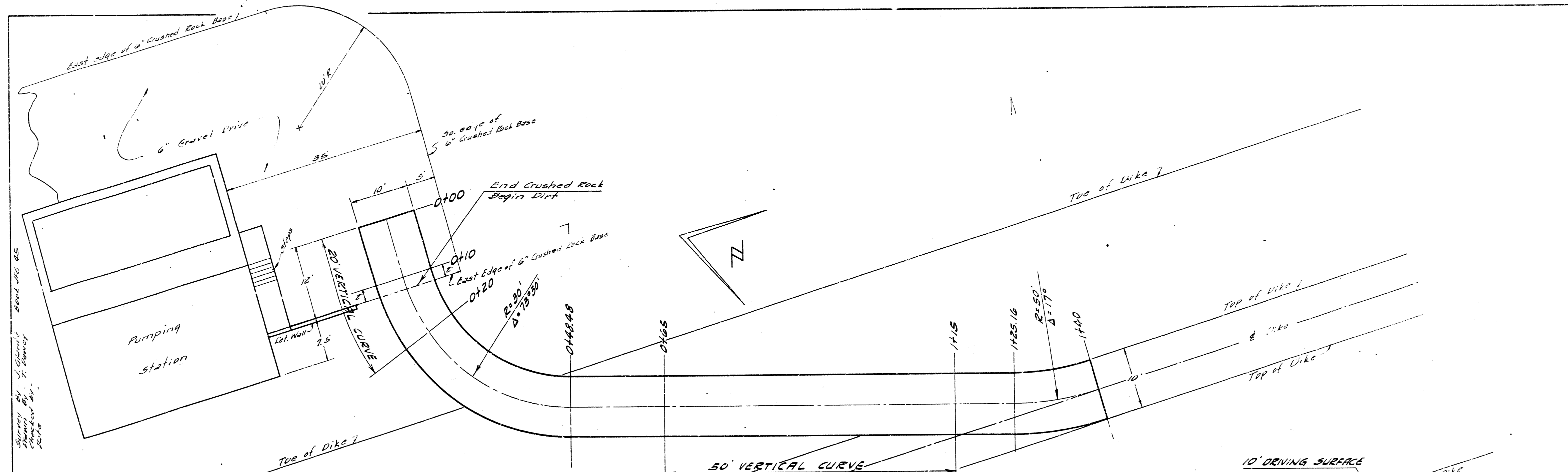


PLAN SCALE 1" = 20'
 PROFILE SCALE 1" = 20' HORIZ., 1" = 4' VERT.

STATION 3+00
 TYPICAL DITCH SECTION

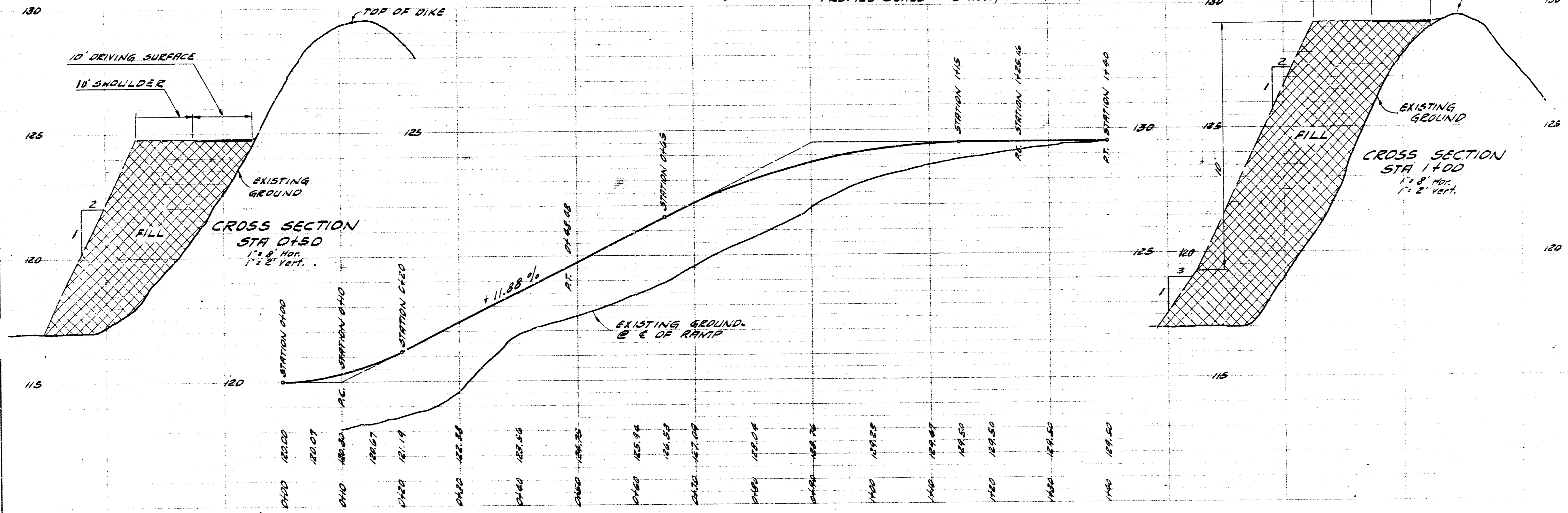
SLOPE TO WATERS EDGE (1:80)
 272 LIN. FT. OF DITCHING @ 0.30% GRADE

PLAN & PROFILE OF PUMP DISCHARGE
 STRUCTURE & DITCH
 C29-106 SHEET 16 OF 18

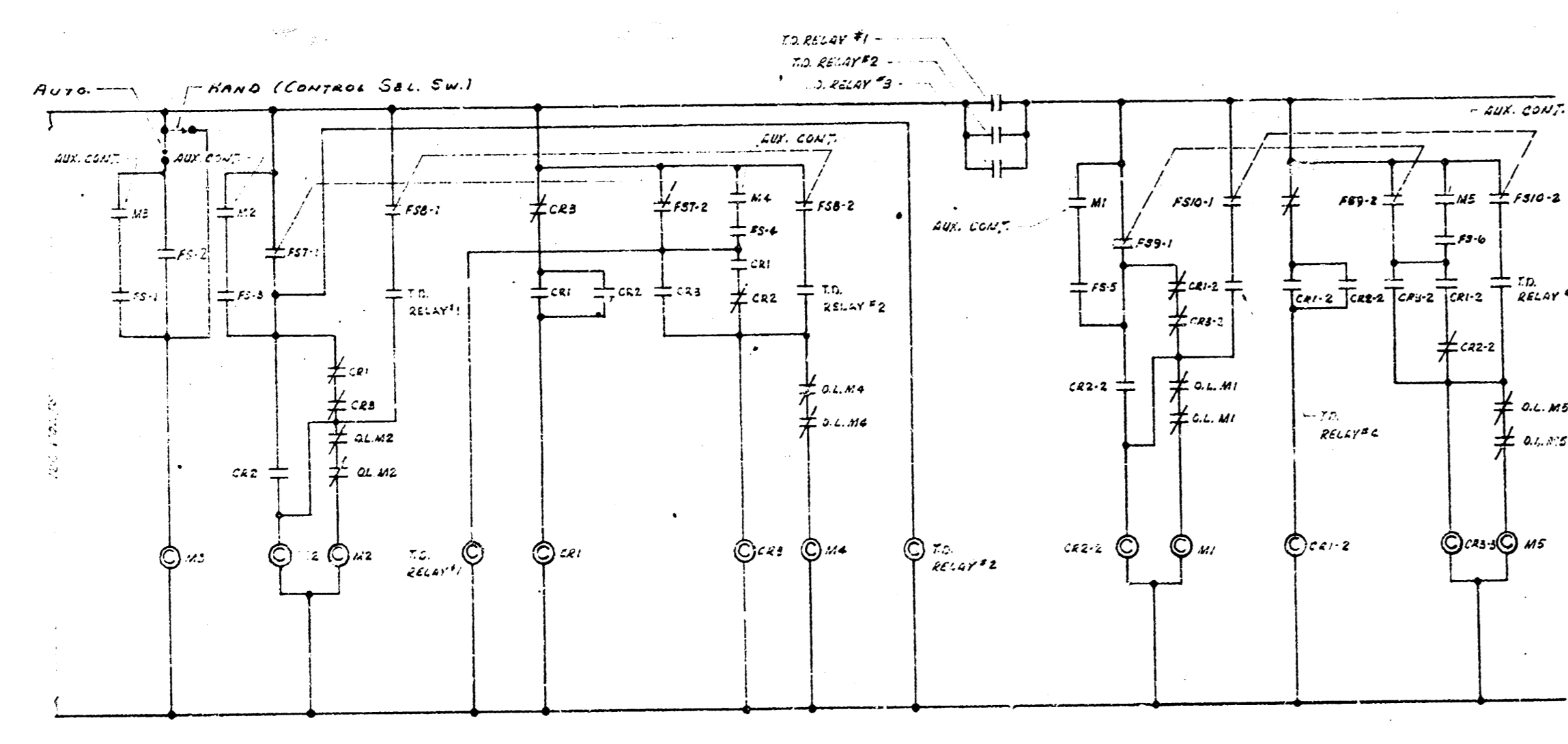
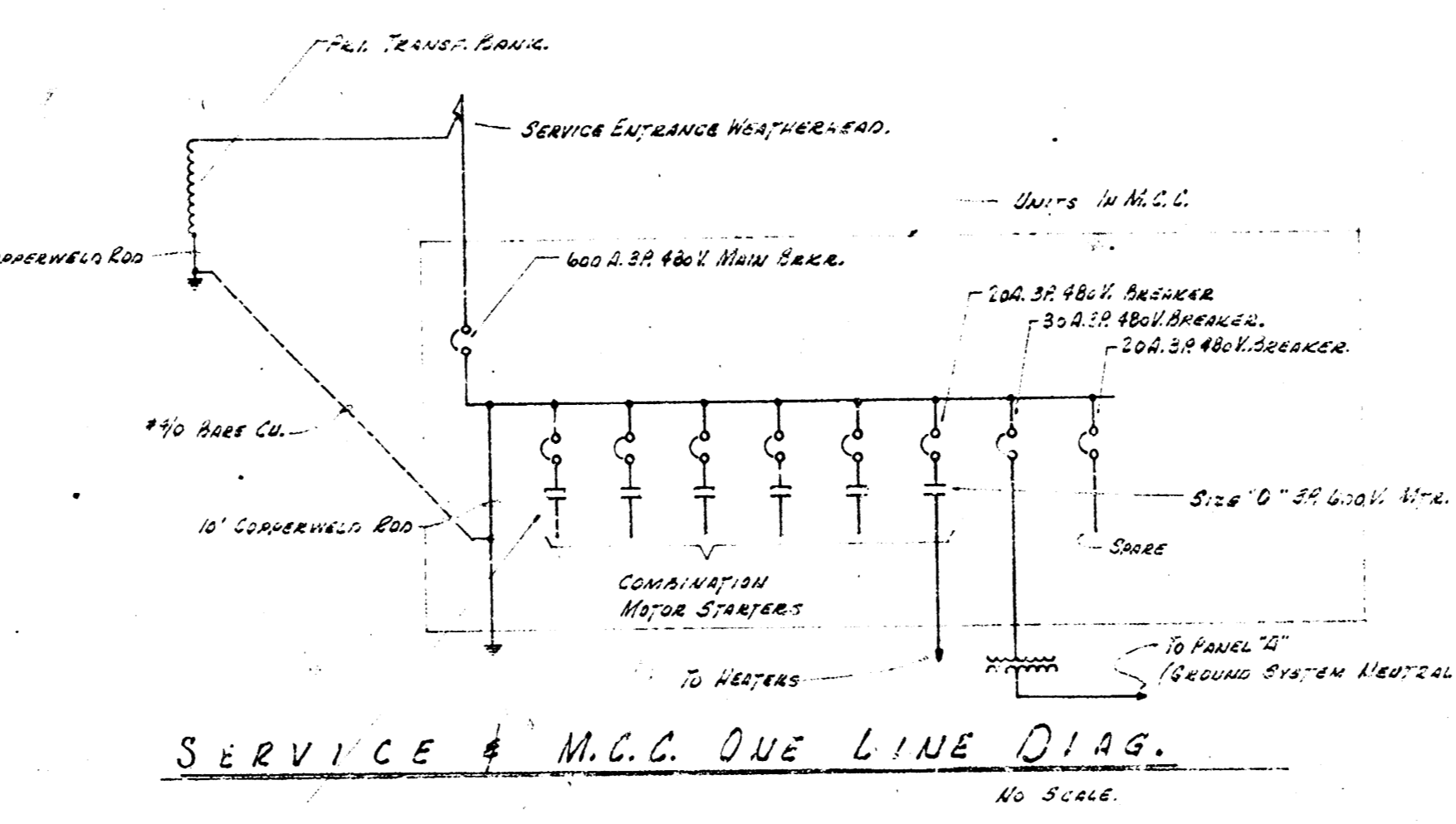
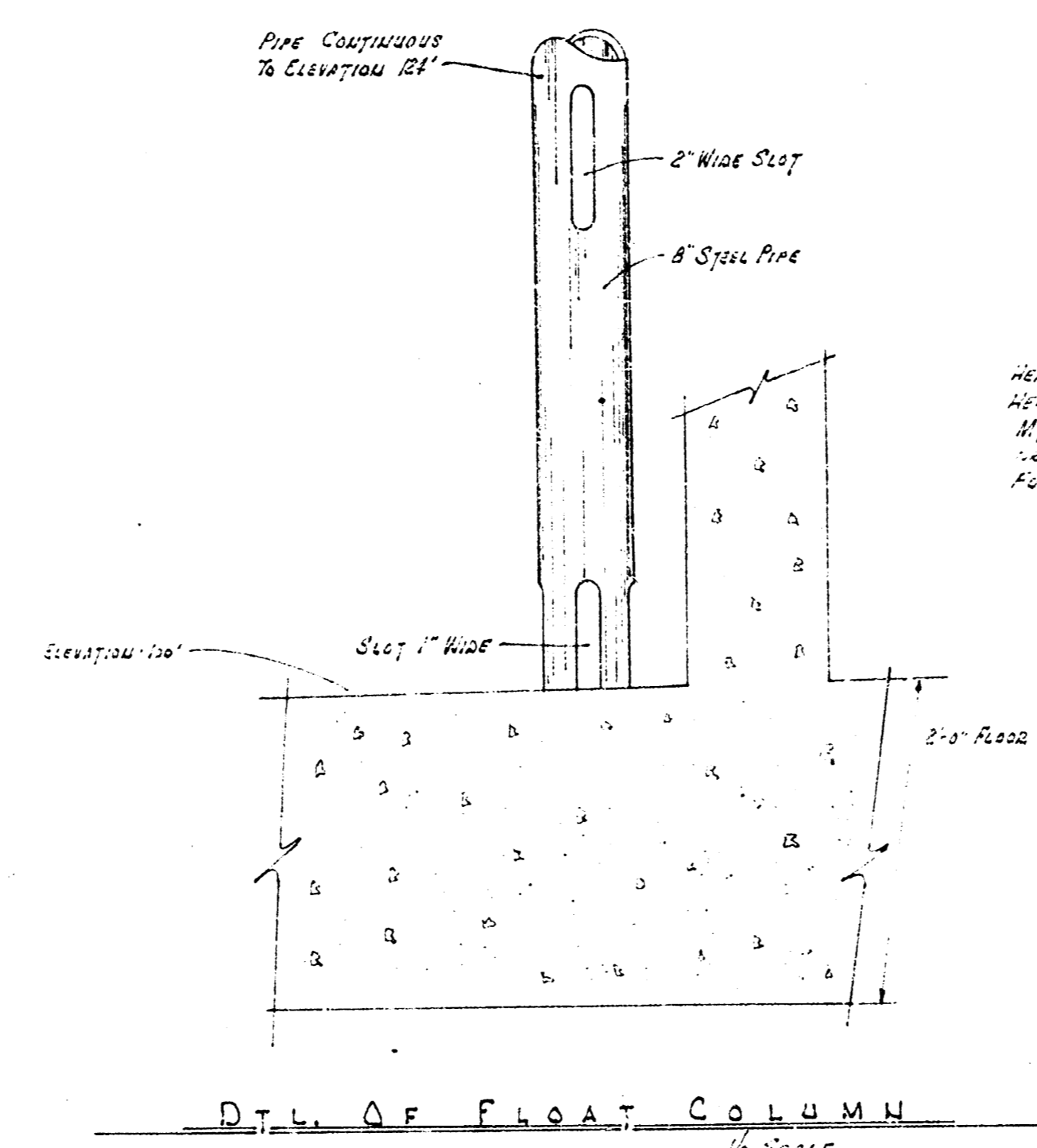
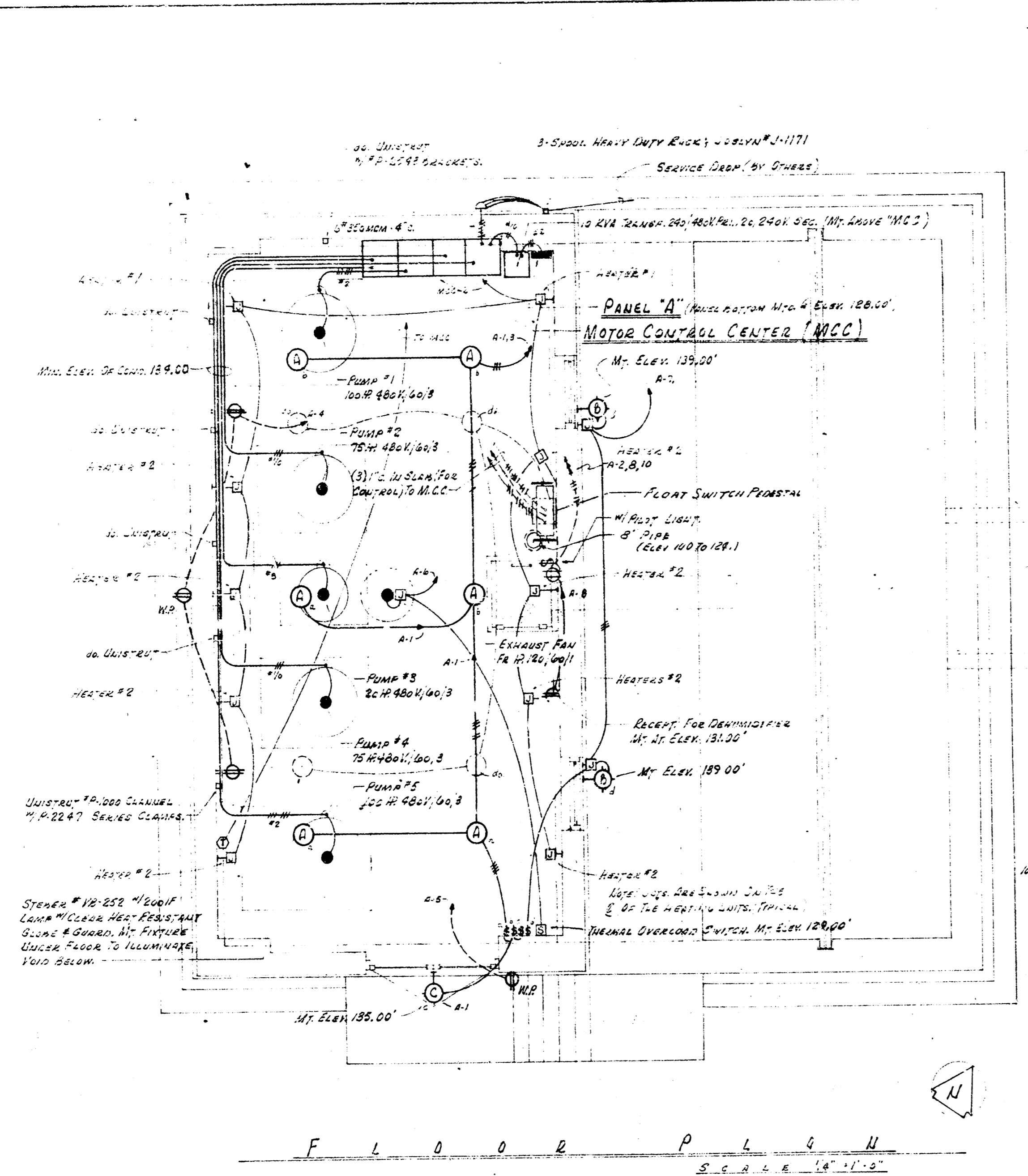


STATIONING ON CENTERLINE.
 B.M. 117.901 CITY STD. CHISELED "A" AT NE COR AND ON TOP OF HEADWALL W. SIDE ANNA, N.L. MAPLE.
 B.M. 130.159 CITY STD. DISC. TOP NO. HUBGUARD E. END BRIDGE AT MAPLE AND HOOVER.
 B.M. 128.735 U.S.G.S. W. EDGE DIKE AT E. END MAPLE AND HOOVER BRIDGE APPROX. 16' S. OF E. MAPLE

PLAN SCALE 1" = 8'
 PROFILE SCALE 1" = 8' HOR, 1" = 2' VERT.



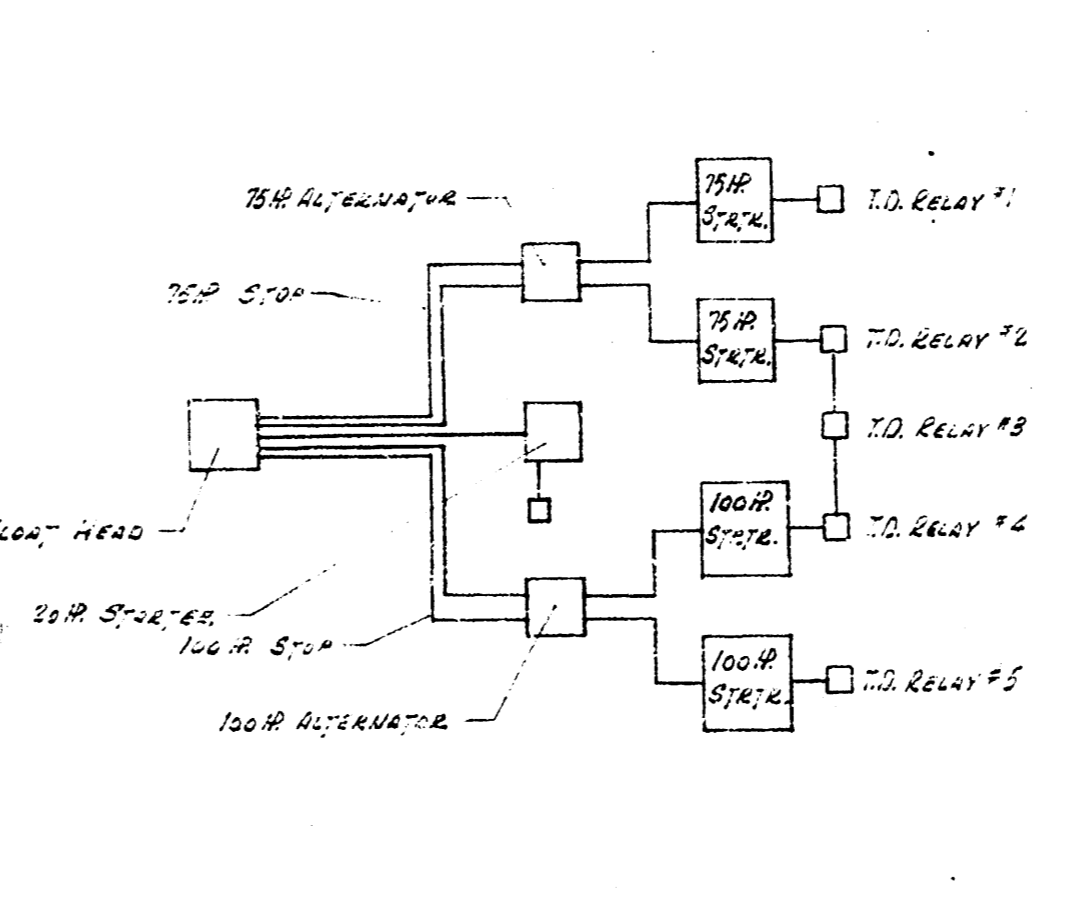
PLAN & PROFILE OF RAMP
 C29-106 SHEET 17 OF 18



- LEGEND**
- M1 100 HP PUMP
 - M2 75 HP PUMP
 - M3 100 HP PUMP
 - M4 100 HP PUMP
 - M5 100 HP PUMP
 - M6 FLOW SWITCH (1" 100 SWIFLOW) CLOSE DRAINAGE WATER LEVEL
 - OL OVERLOAD
 - TSI-2 2500 HP STEAM TANK #2 OPERATING TANK
 - TSI-1 2500 HP STEAM TANK #1 OPERATING TANK
 - TSI-3 2500 HP STEAM TANK #3 OPERATING TANK
 - TSI-4 2500 HP STEAM TANK #4 OPERATING TANK
 - TSI-5 2500 HP STEAM TANK #5 OPERATING TANK
 - TSI-6 2500 HP STEAM TANK #6 OPERATING TANK
 - TSI-7 2500 HP STEAM TANK #7 OPERATING TANK
 - TSI-8 2500 HP STEAM TANK #8 OPERATING TANK
 - TSI-9 2500 HP STEAM TANK #9 OPERATING TANK
 - TSI-10 2500 HP STEAM TANK #10 OPERATING TANK
 - TSI-11 2500 HP STEAM TANK #11 OPERATING TANK
 - TSI-12 2500 HP STEAM TANK #12 OPERATING TANK
 - TSI-13 2500 HP STEAM TANK #13 OPERATING TANK
 - TSI-14 2500 HP STEAM TANK #14 OPERATING TANK
 - TSI-15 2500 HP STEAM TANK #15 OPERATING TANK
 - TSI-16 2500 HP STEAM TANK #16 OPERATING TANK
 - TSI-17 2500 HP STEAM TANK #17 OPERATING TANK
 - TSI-18 2500 HP STEAM TANK #18 OPERATING TANK
 - TSI-19 2500 HP STEAM TANK #19 OPERATING TANK
 - TSI-20 2500 HP STEAM TANK #20 OPERATING TANK
 - TSI-21 2500 HP STEAM TANK #21 OPERATING TANK
 - TSI-22 2500 HP STEAM TANK #22 OPERATING TANK
 - TSI-23 2500 HP STEAM TANK #23 OPERATING TANK
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 - TSI-25 2500 HP STEAM TANK #25 OPERATING TANK
 - TSI-26 2500 HP STEAM TANK #26 OPERATING TANK
 - TSI-27 2500 HP STEAM TANK #27 OPERATING TANK
 - TSI-28 2500 HP STEAM TANK #28 OPERATING TANK
 - TSI-29 2500 HP STEAM TANK #29 OPERATING TANK
 - TSI-30 2500 HP STEAM TANK #30 OPERATING TANK
 - TSI-31 2500 HP STEAM TANK #31 OPERATING TANK
 - TSI-32 2500 HP STEAM TANK #32 OPERATING TANK
 - TSI-33 2500 HP STEAM TANK #33 OPERATING TANK
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 - TSI-41 2500 HP STEAM TANK #41 OPERATING TANK
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 - TSI-46 2500 HP STEAM TANK #46 OPERATING TANK
 - TSI-47 2500 HP STEAM TANK #47 OPERATING TANK
 - TSI-48 2500 HP STEAM TANK #48 OPERATING TANK
 - TSI-49 2500 HP STEAM TANK #49 OPERATING TANK
 - TSI-50 2500 HP STEAM TANK #50 OPERATING TANK

CHECK ELEVATIONS OF FLOOR SWITCH CONTACTS

F1-1	139.00'
F1-2	138.00'
F1-3	138.00'
F1-4	138.00'
F1-5	138.00'
F1-6	138.00'
F1-7	138.00'
F1-8	138.00'
F1-9	138.00'
F1-10	138.00'
F1-11	138.00'
F1-12	138.00'
F1-13	138.00'
F1-14	138.00'
F1-15	138.00'
F1-16	138.00'
F1-17	138.00'
F1-18	138.00'
F1-19	138.00'
F1-20	138.00'
F1-21	138.00'
F1-22	138.00'
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F1-25	138.00'
F1-26	138.00'
F1-27	138.00'
F1-28	138.00'
F1-29	138.00'
F1-30	138.00'
F1-31	138.00'
F1-32	138.00'
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F1-41	138.00'
F1-42	138.00'
F1-43	138.00'
F1-44	138.00'
F1-45	138.00'
F1-46	138.00'
F1-47	138.00'
F1-48	138.00'
F1-49	138.00'
F1-50	138.00'

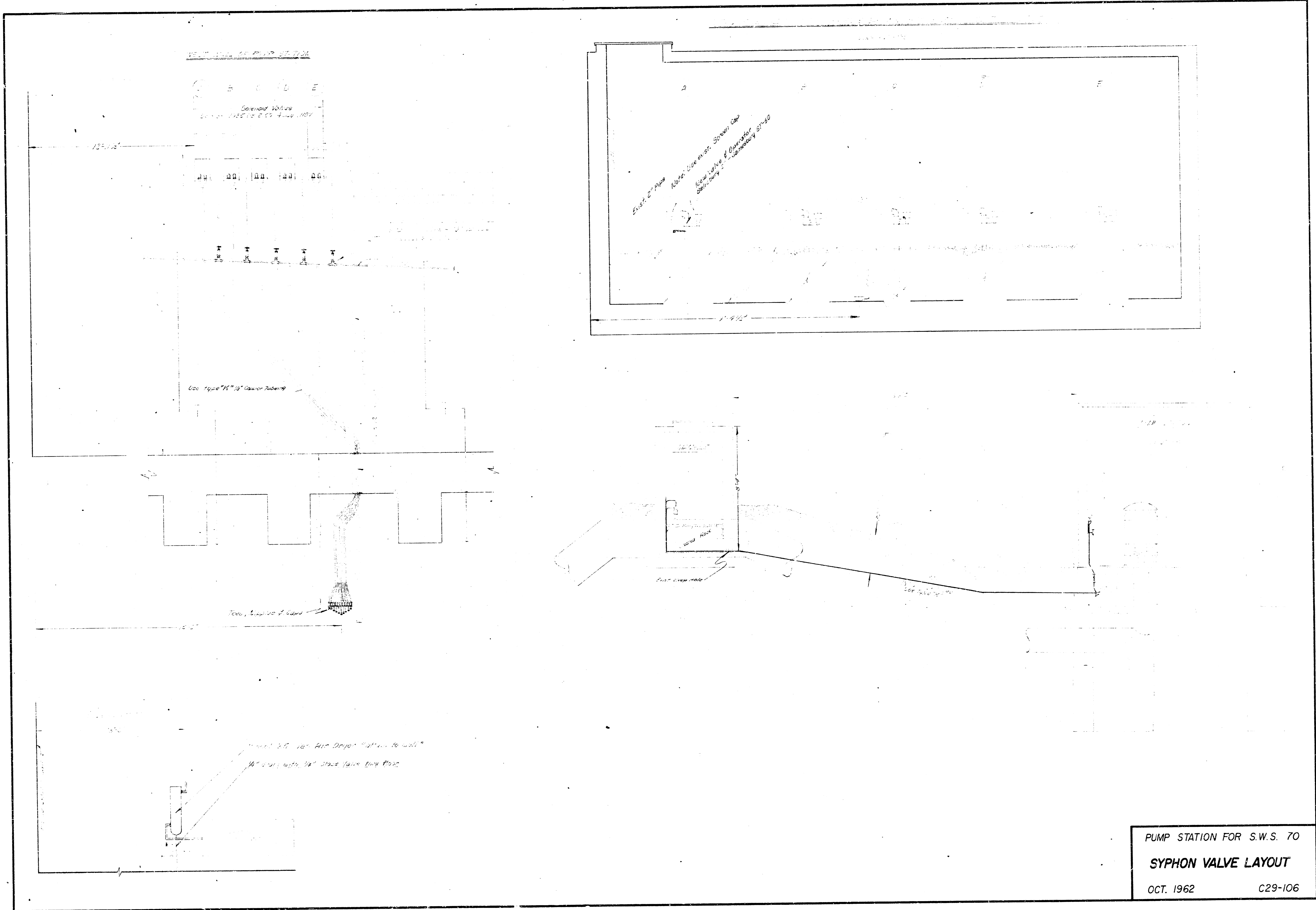


PANEL #1

NO.	REMARKS	DATE
1	100 HP PUMP	1/1/50
2	75 HP PUMP	1/1/50
3	100 HP PUMP	1/1/50
4	100 HP PUMP	1/1/50
5	100 HP PUMP	1/1/50
6	100 HP PUMP	1/1/50
7	100 HP PUMP	1/1/50
8	100 HP PUMP	1/1/50
9	100 HP PUMP	1/1/50
10	100 HP PUMP	1/1/50
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44	100 HP PUMP	1/1/50
45	100 HP PUMP	1/1/50
46	100 HP PUMP	1/1/50
47	100 HP PUMP	1/1/50
48	100 HP PUMP	1/1/50
49	100 HP PUMP	1/1/50
50	100 HP PUMP	1/1/50

SYMBOL LIST

SYMBOL	DESCRIPTION
(1)	100 HP PUMP
(2)	75 HP PUMP
(3)	100 HP PUMP
(4)	100 HP PUMP
(5)	100 HP PUMP
(6)	100 HP PUMP
(7)	100 HP PUMP
(8)	100 HP PUMP
(9)	100 HP PUMP
(10)	100 HP PUMP
(11)	100 HP PUMP
(12)	100 HP PUMP
(13)	100 HP PUMP
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(45)	100 HP PUMP
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(50)	100 HP PUMP



SECTION OF VALVE

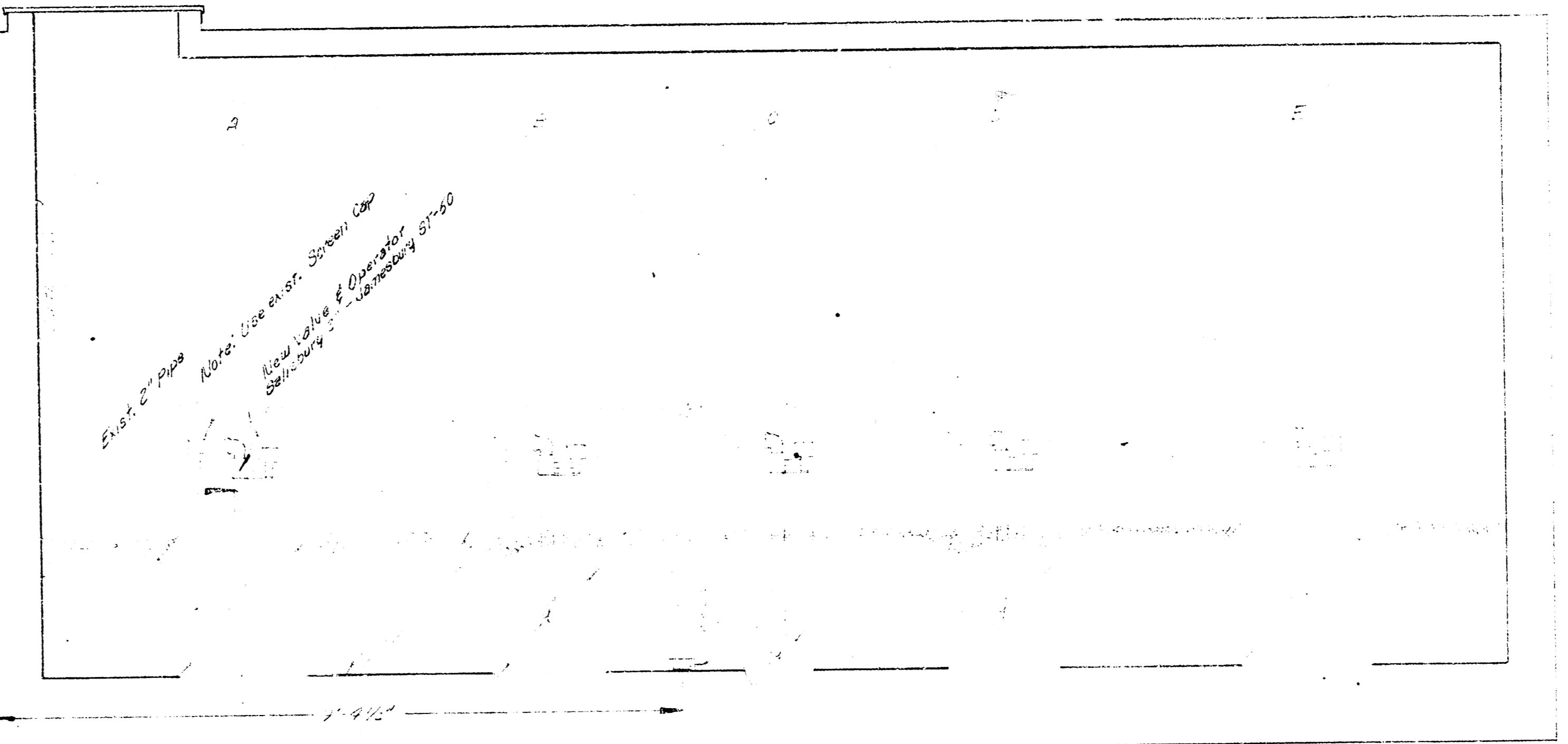
General Notes
 1. All work to be in accordance with the specifications for the project.

2. All work to be done in accordance with the drawings and specifications.

Use type "A" 1/2" diameter valves

Use cast iron pipe

Use 1/2" diameter valves with 1/2" steel valve body



Use 1/2" pipe
 Use 1/2" valve
 Use 1/2" valve body
 Use 1/2" valve body



PUMP STATION FOR S.W.S. 70
 SYPHON VALVE LAYOUT
 OCT. 1962 C29-106