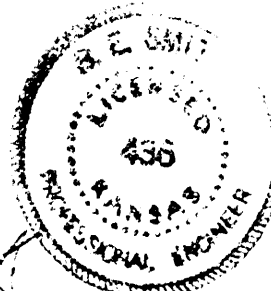
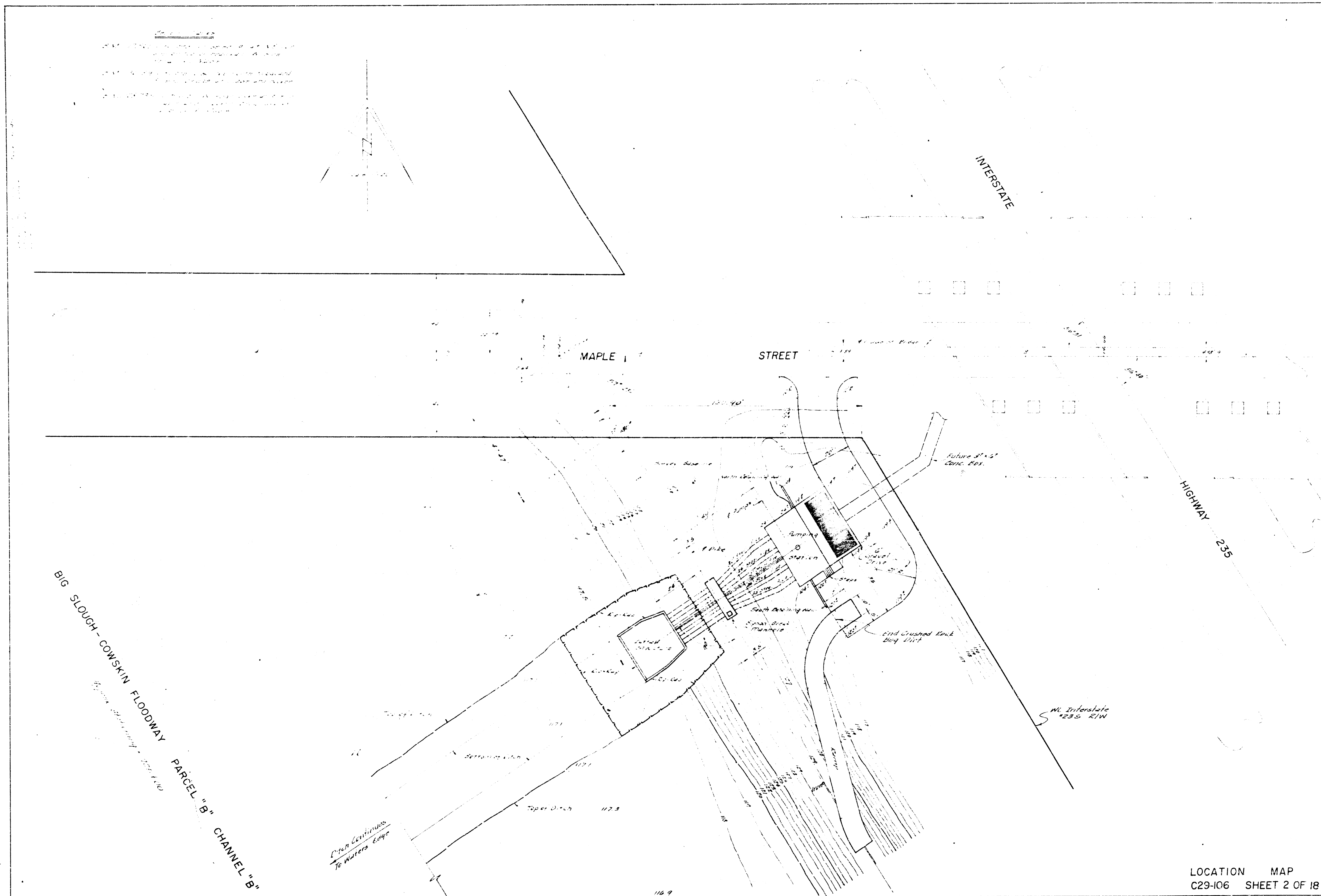


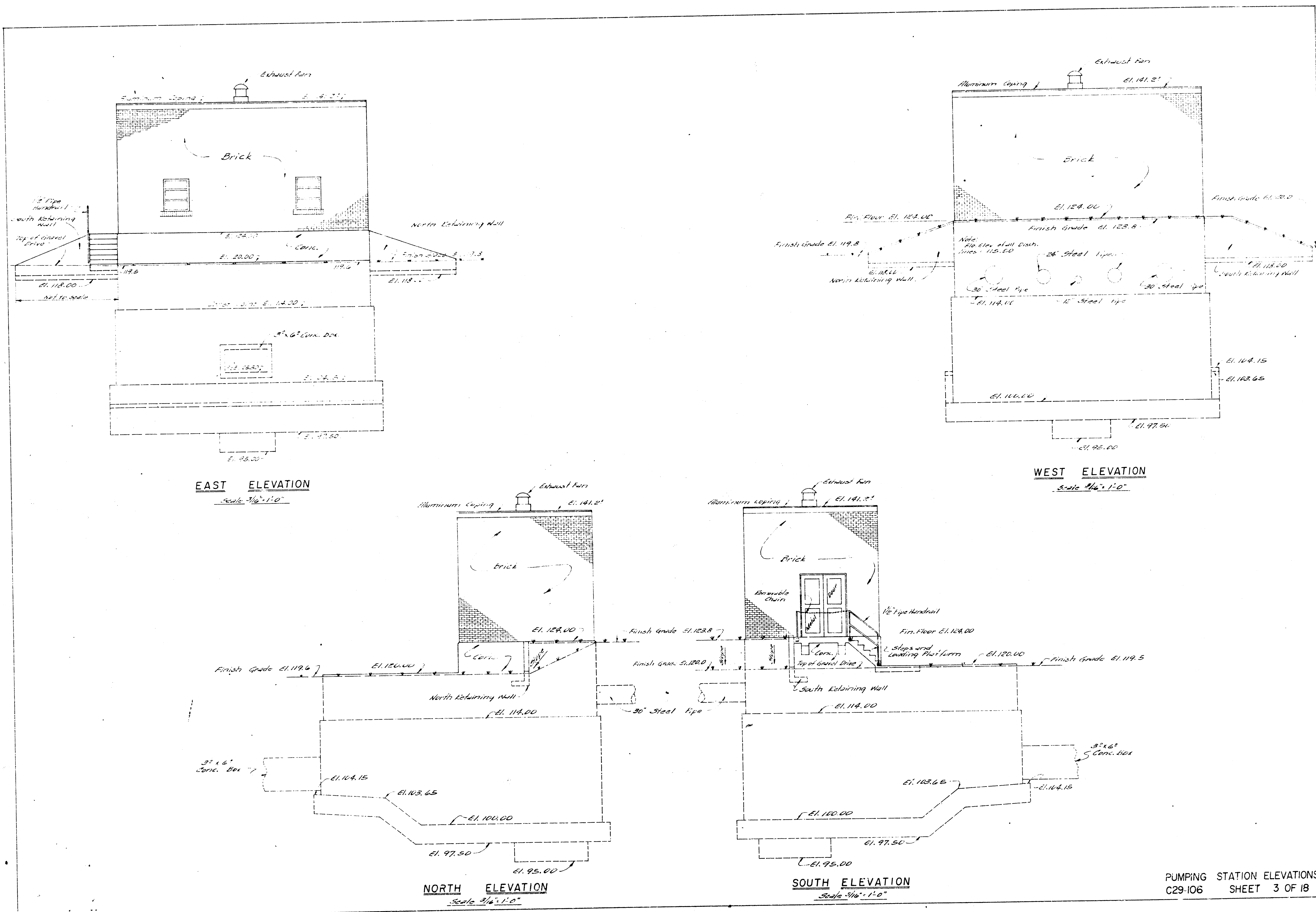
PLANS
FOR
PUMPING STATION
IN CONNECTION WITH
STORM WATER SEWER NO. 70
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
PROJECT NO. C29-106

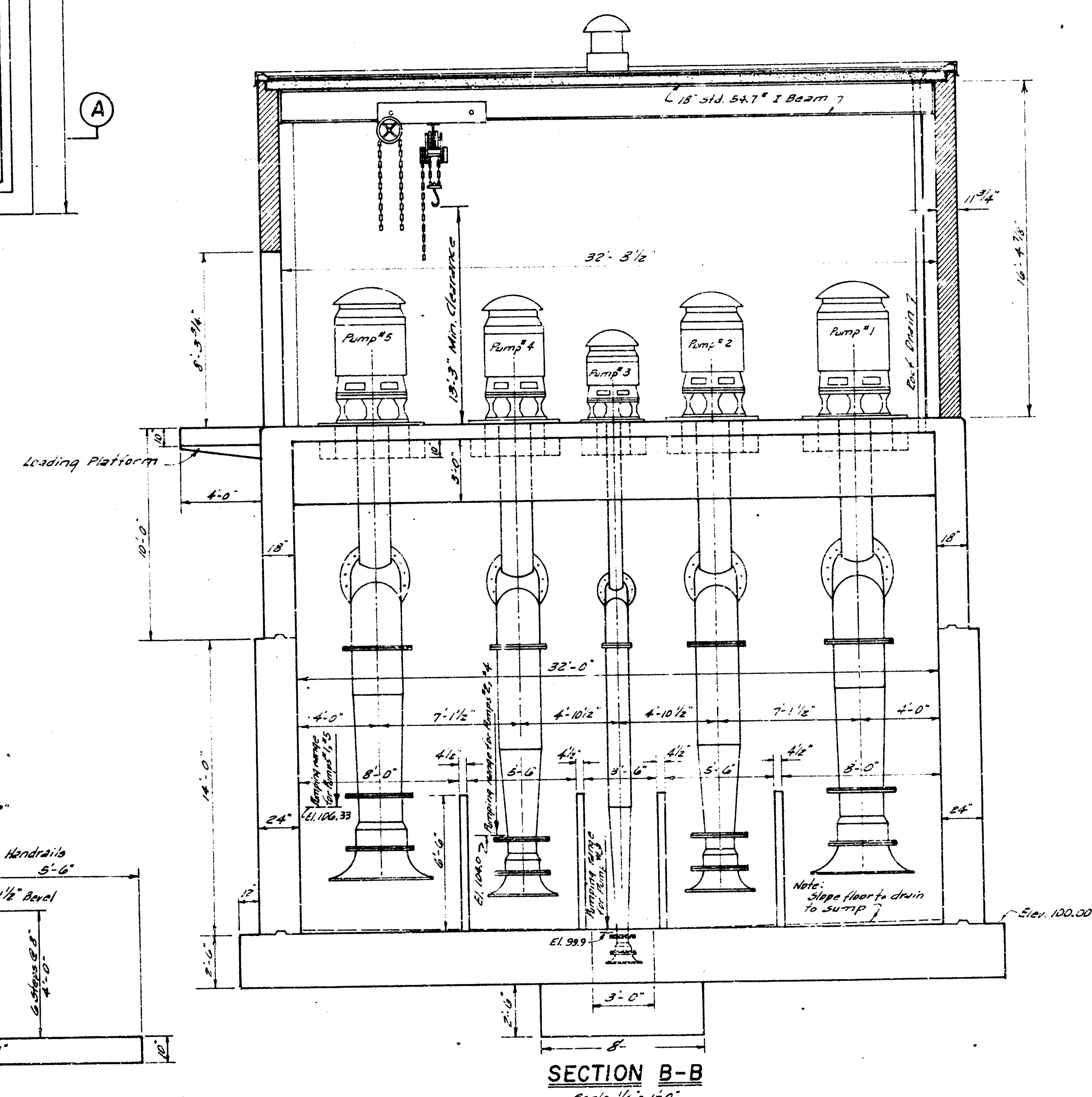
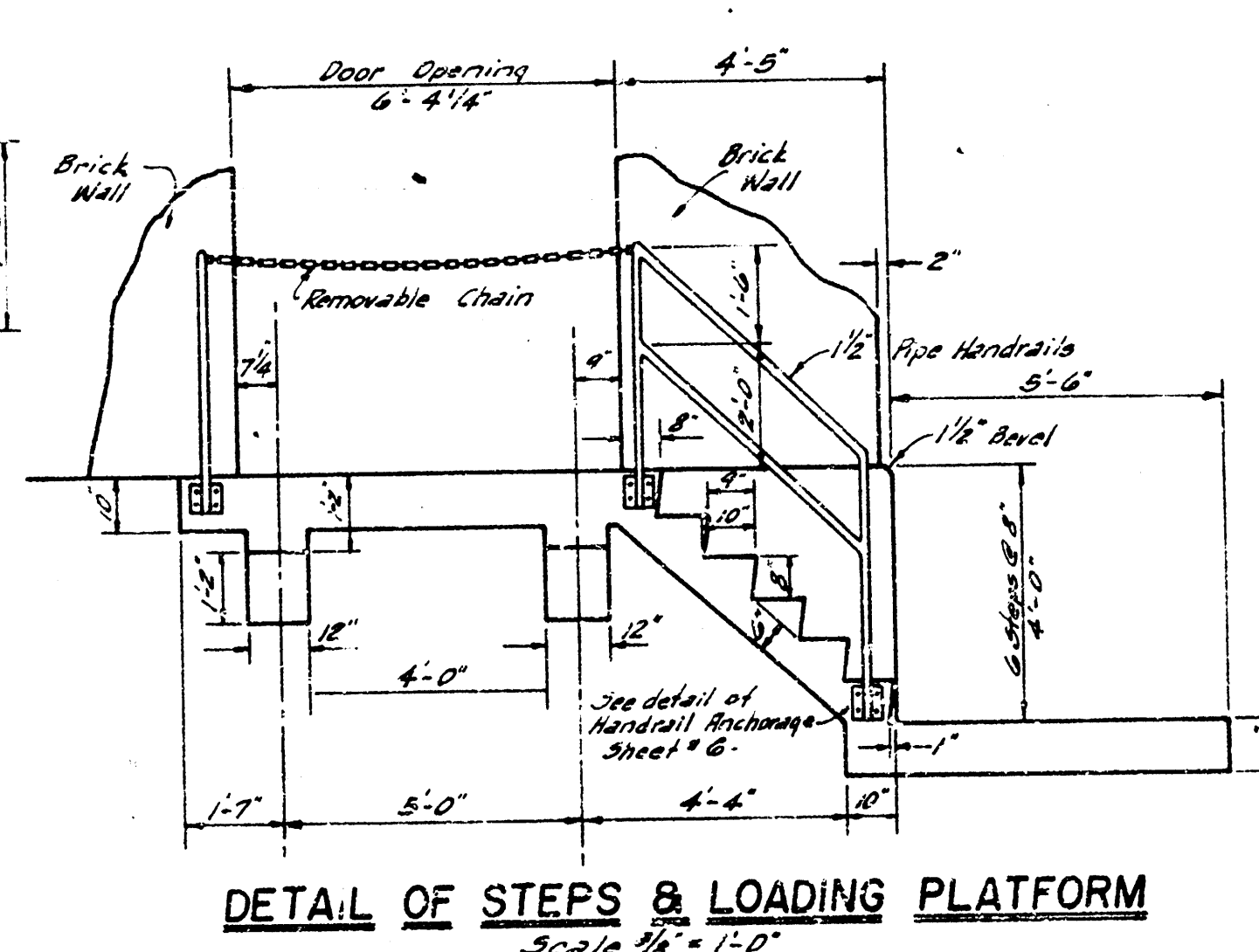
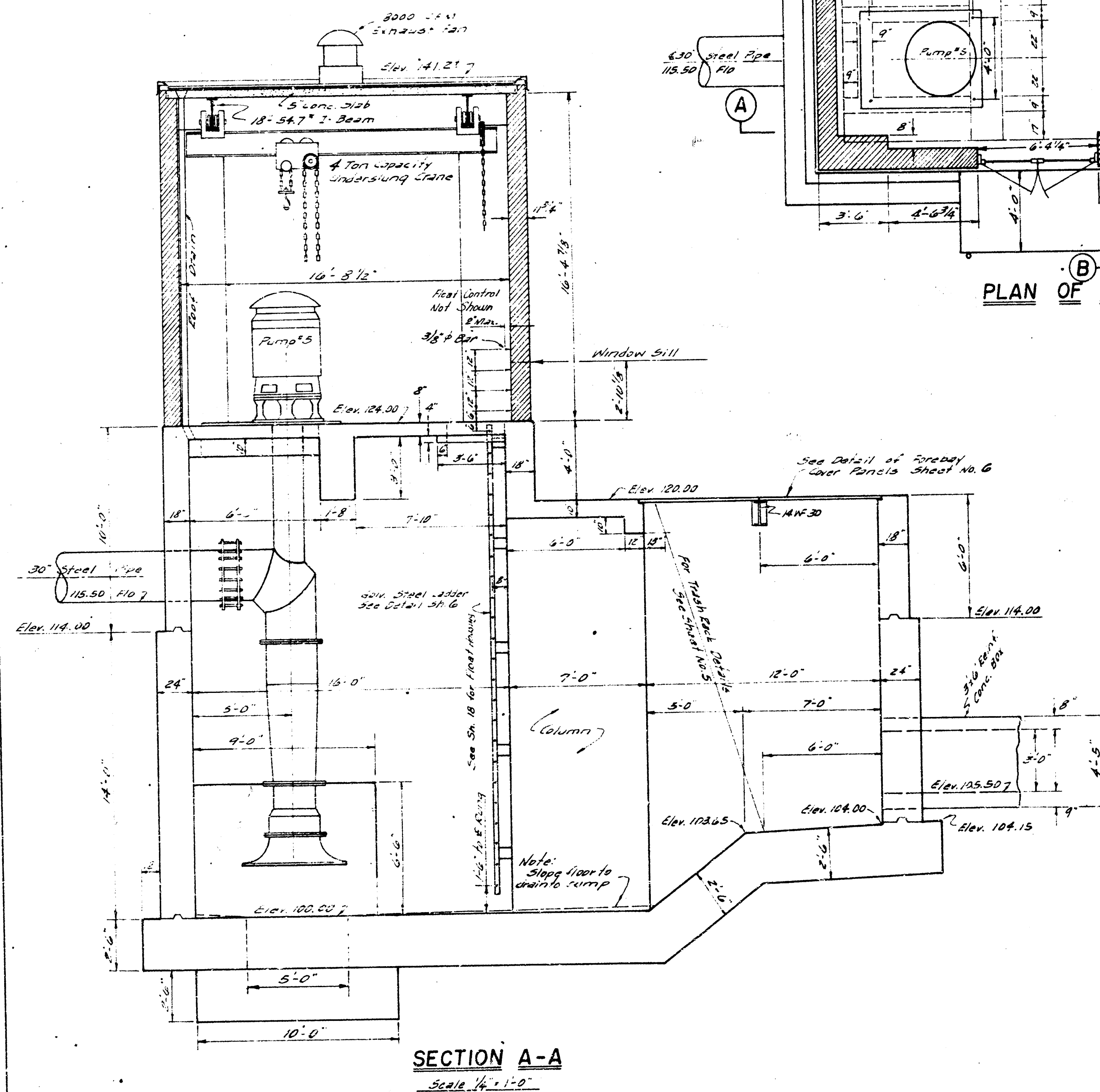
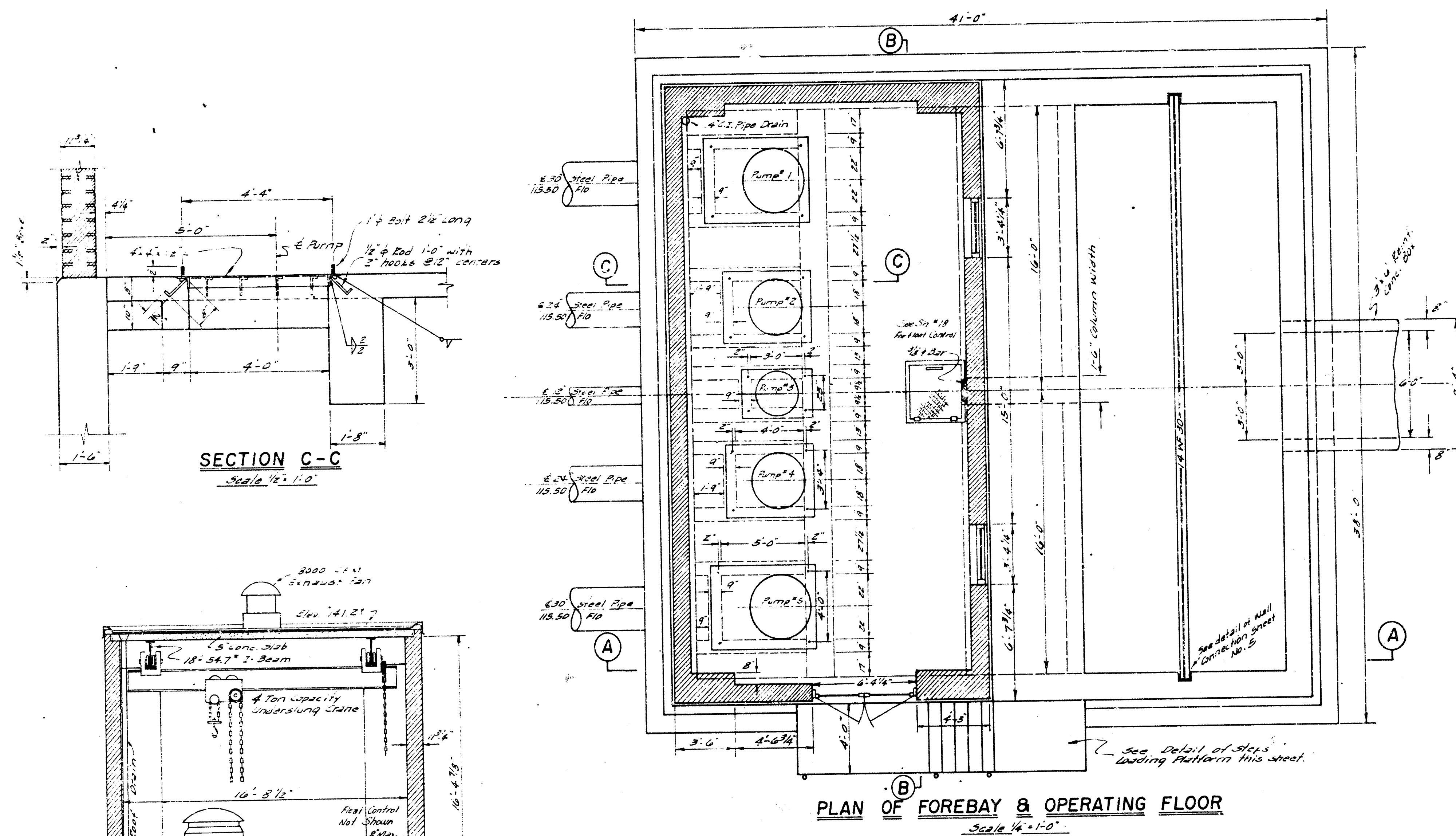
INDEX TO SHEETS

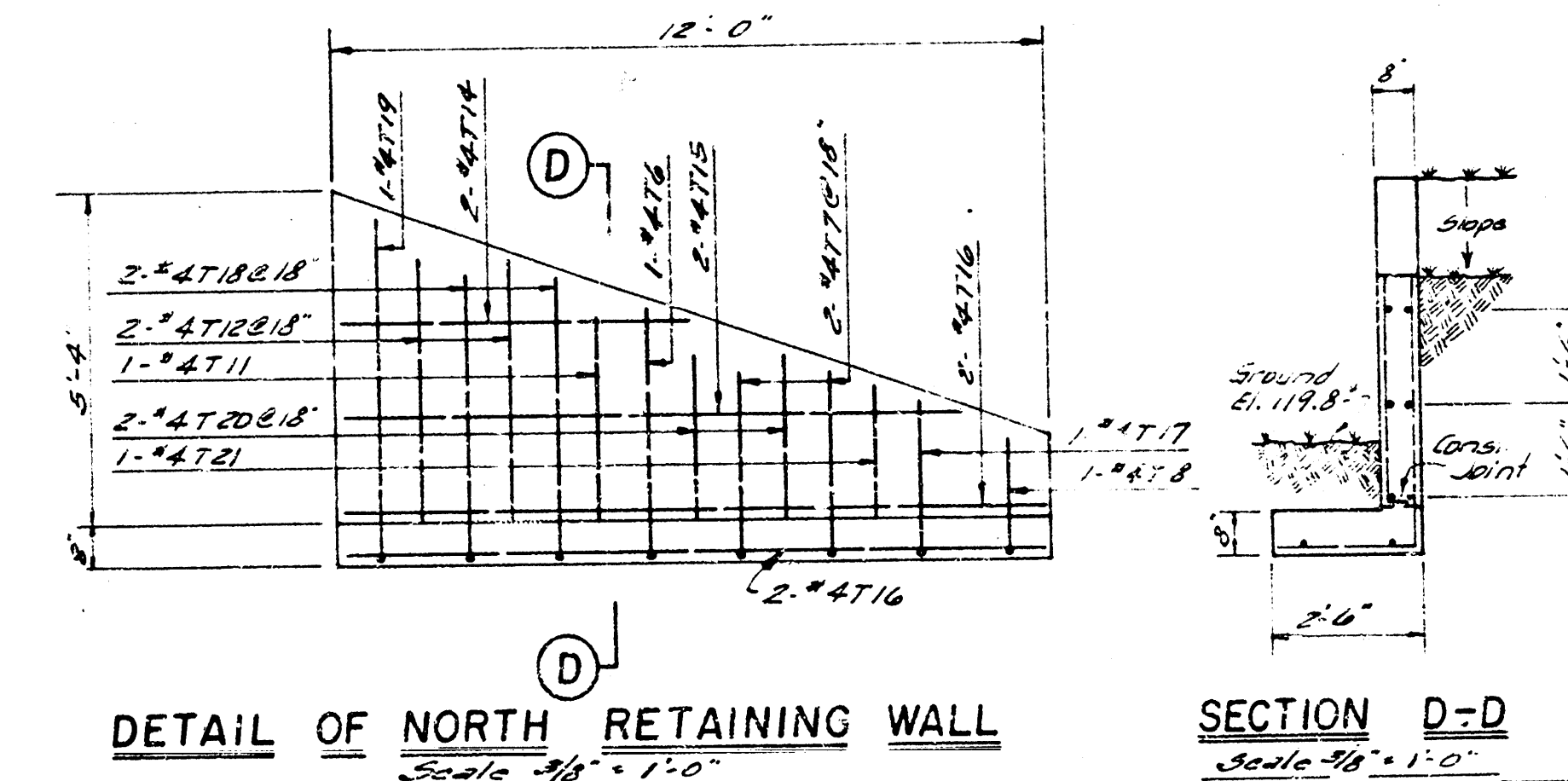
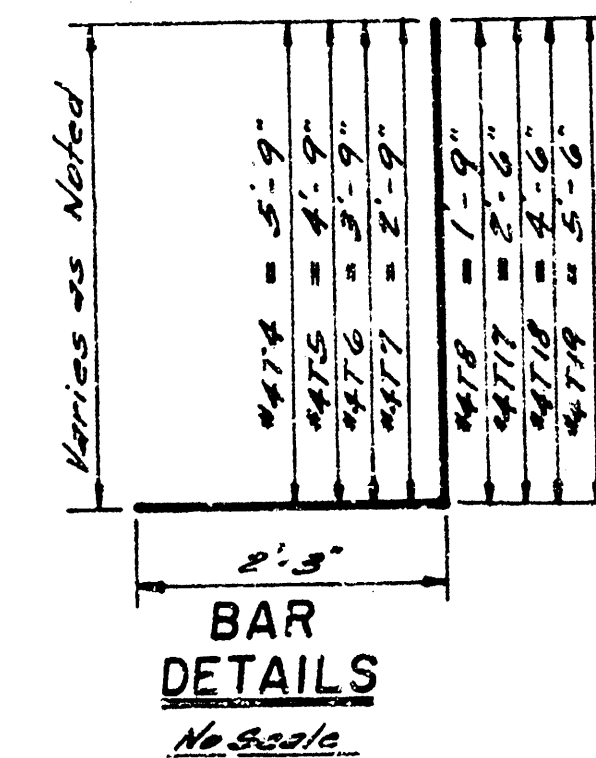
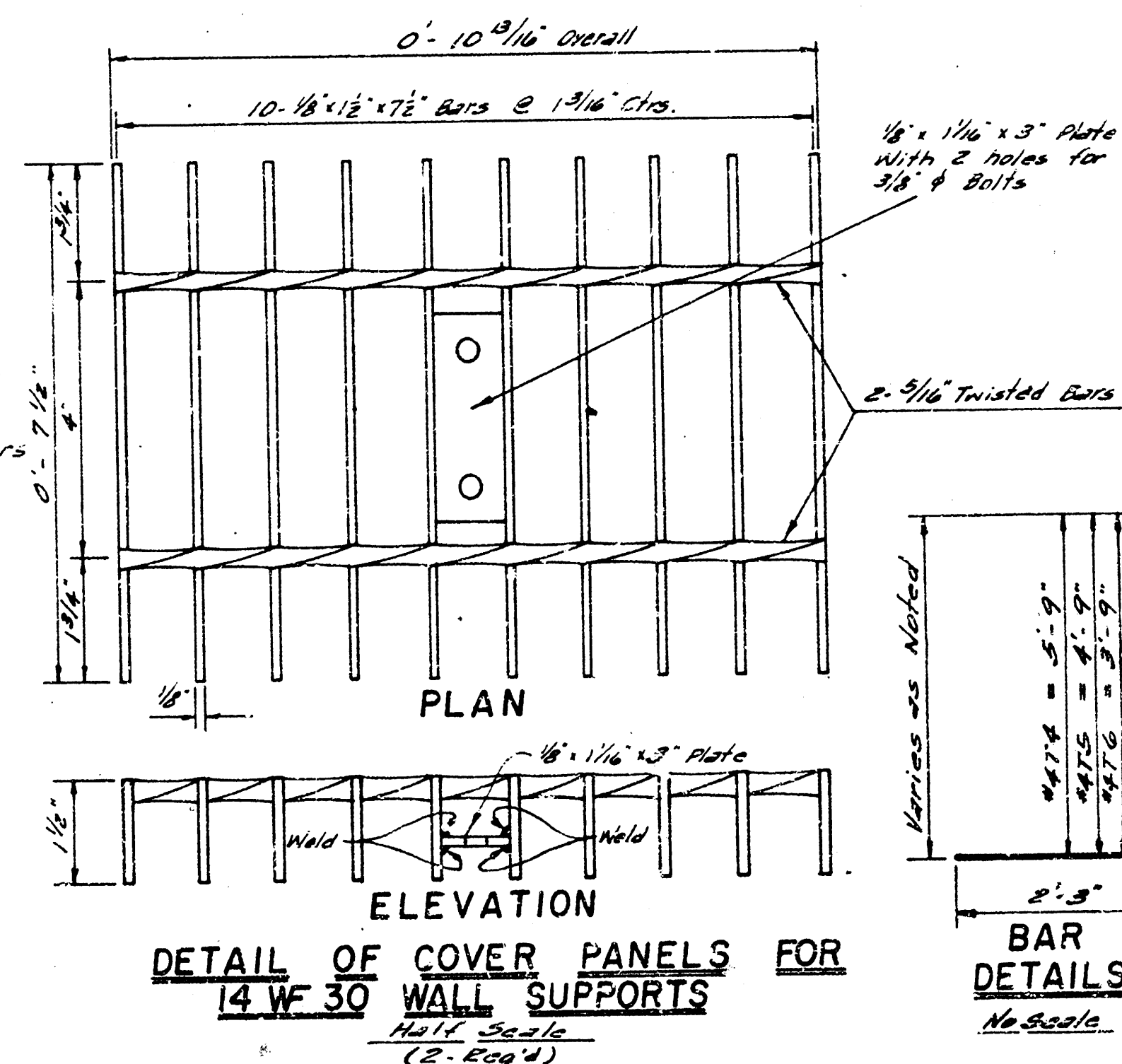
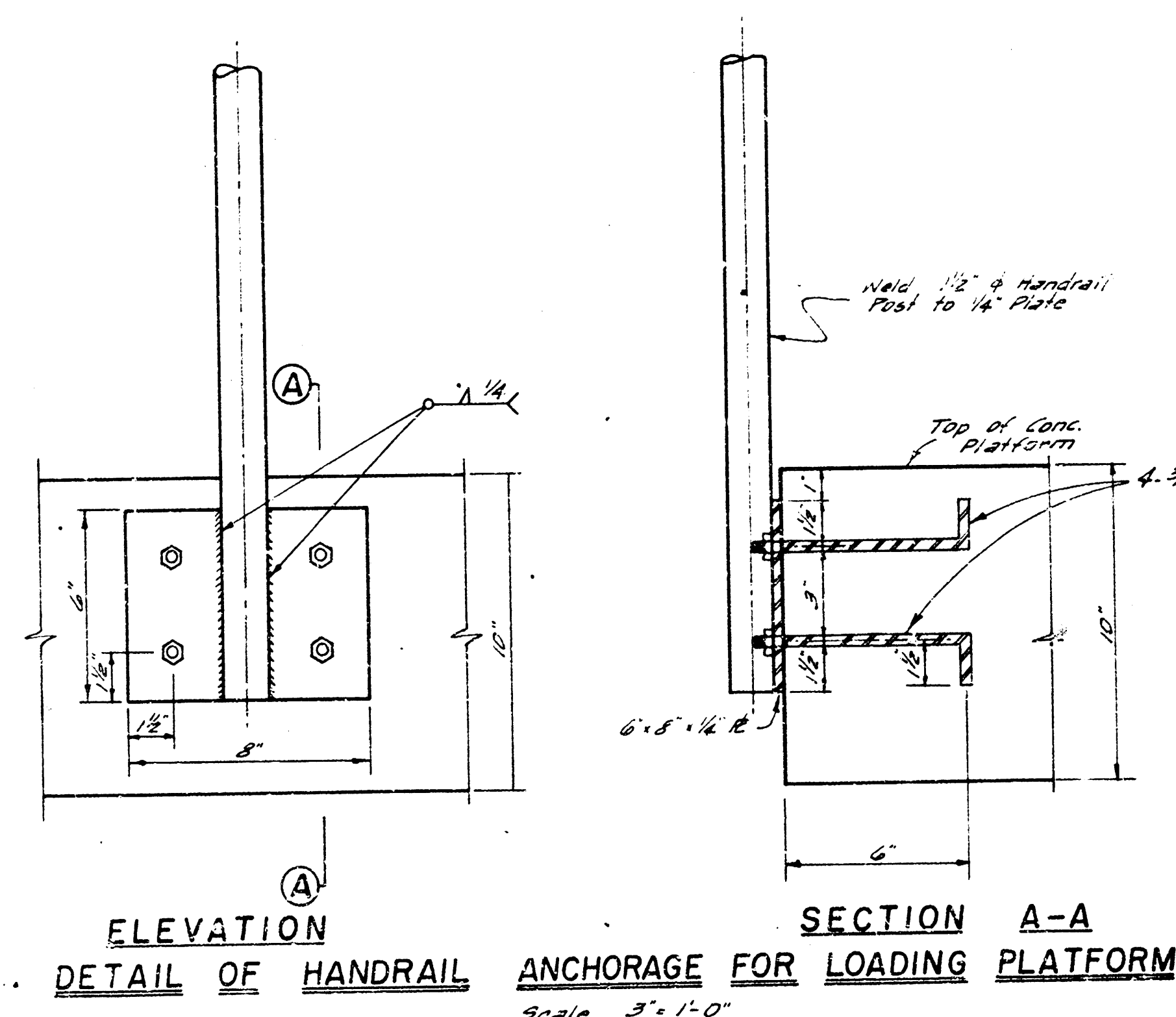
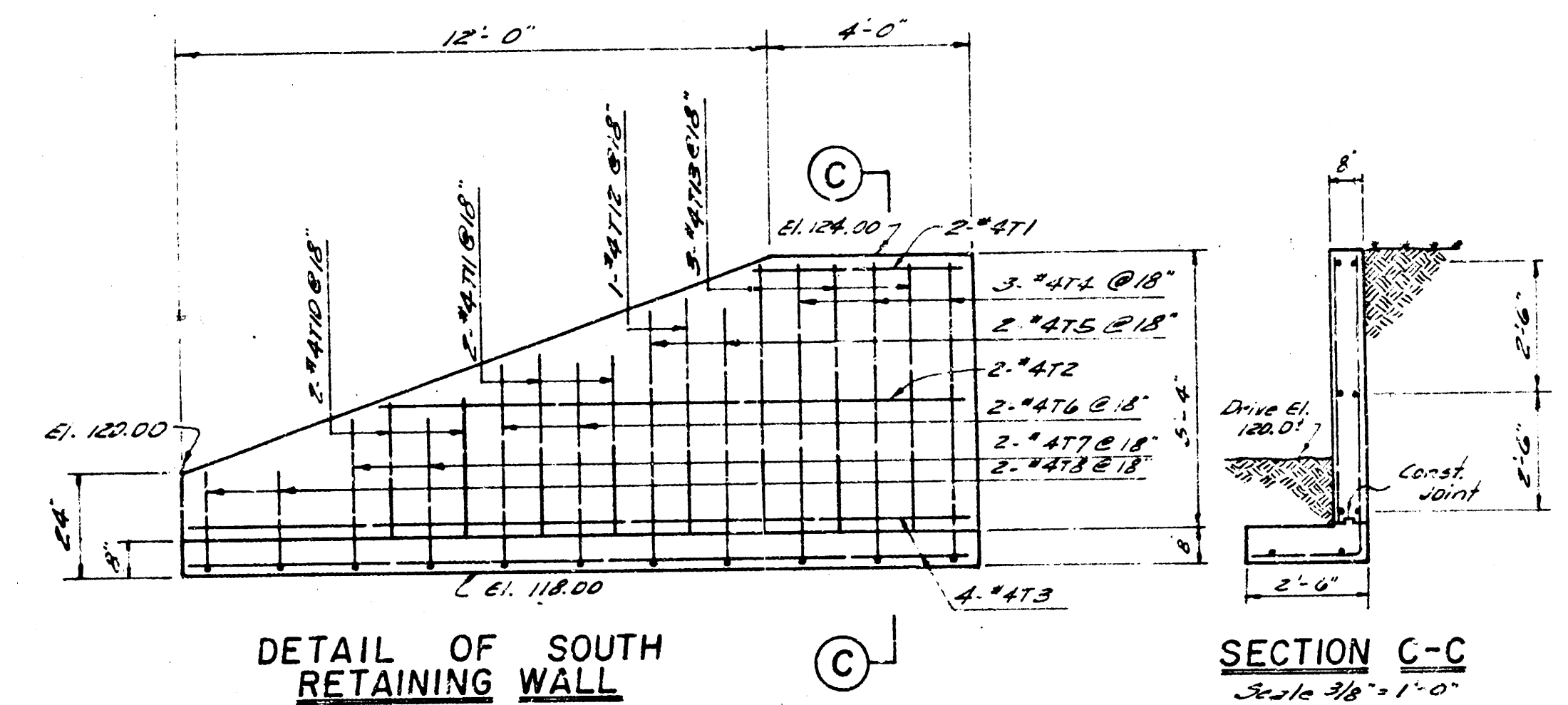
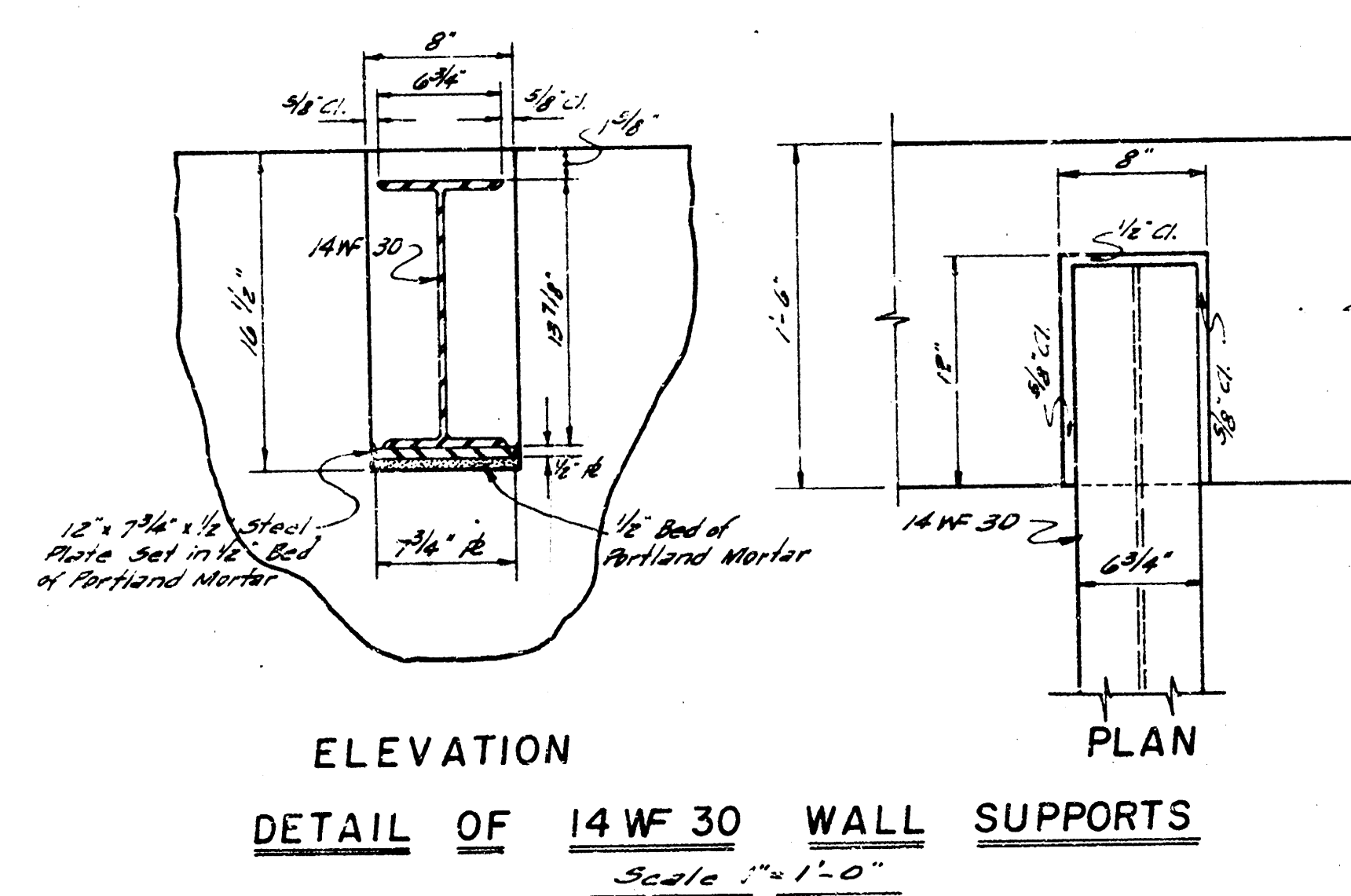
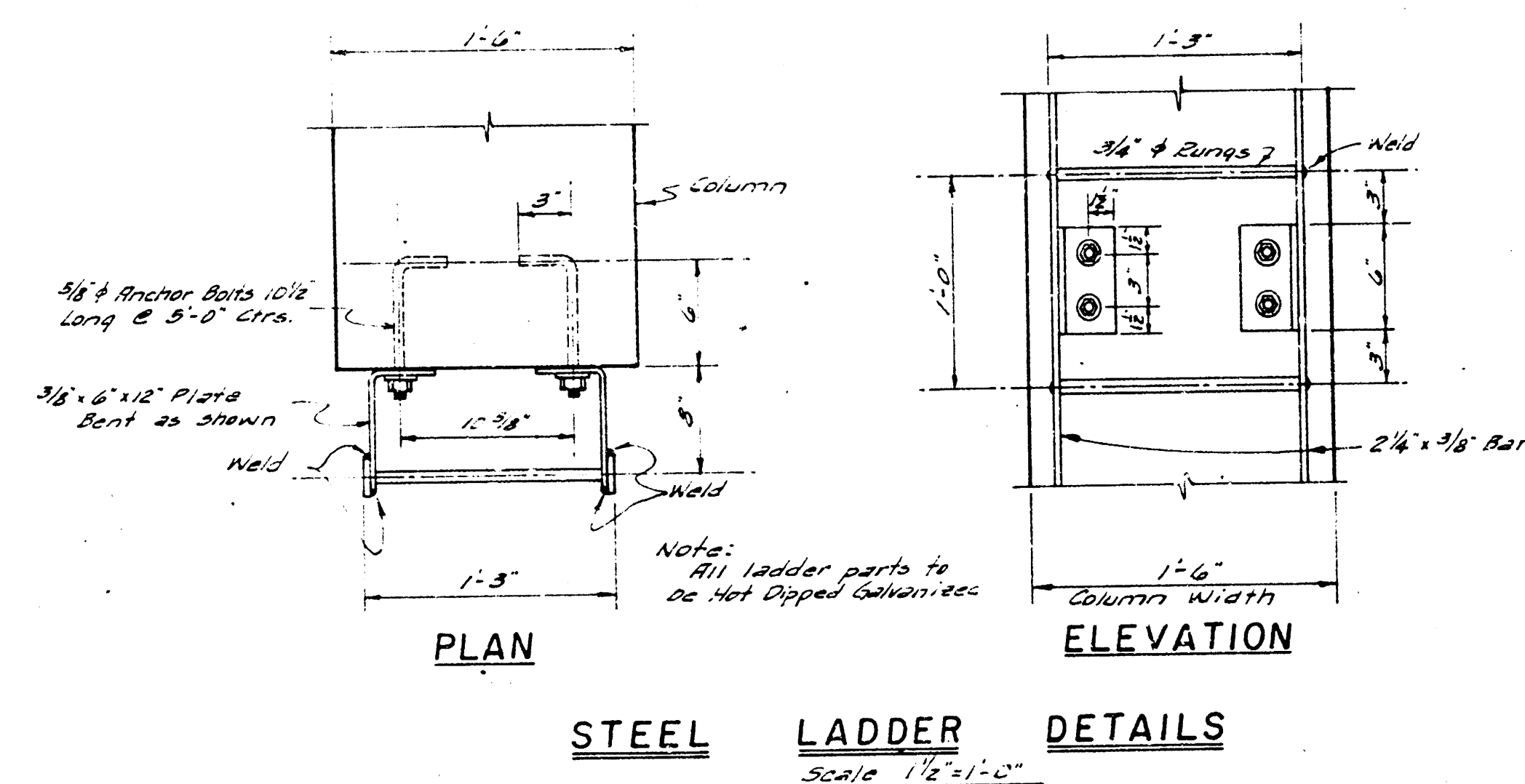
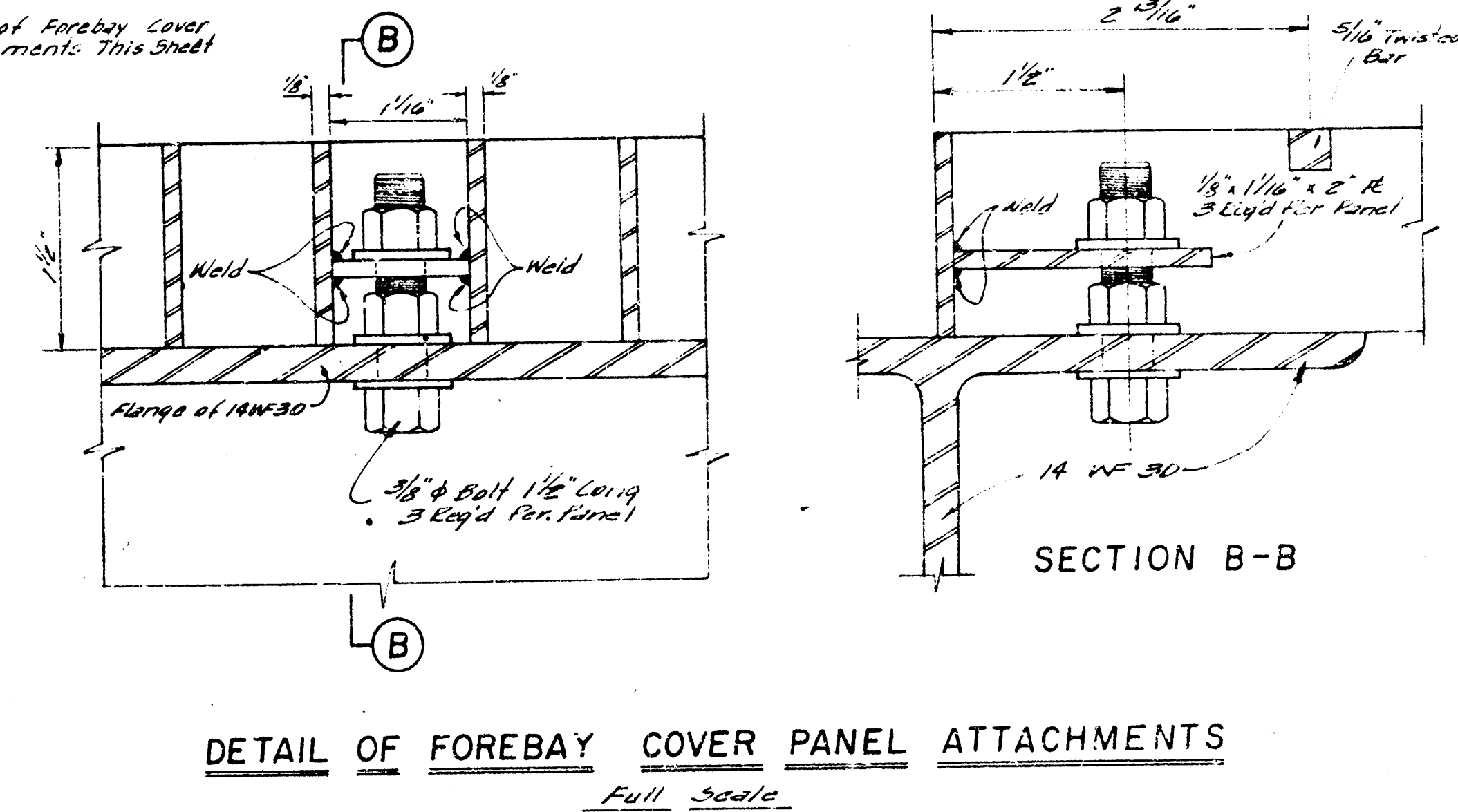
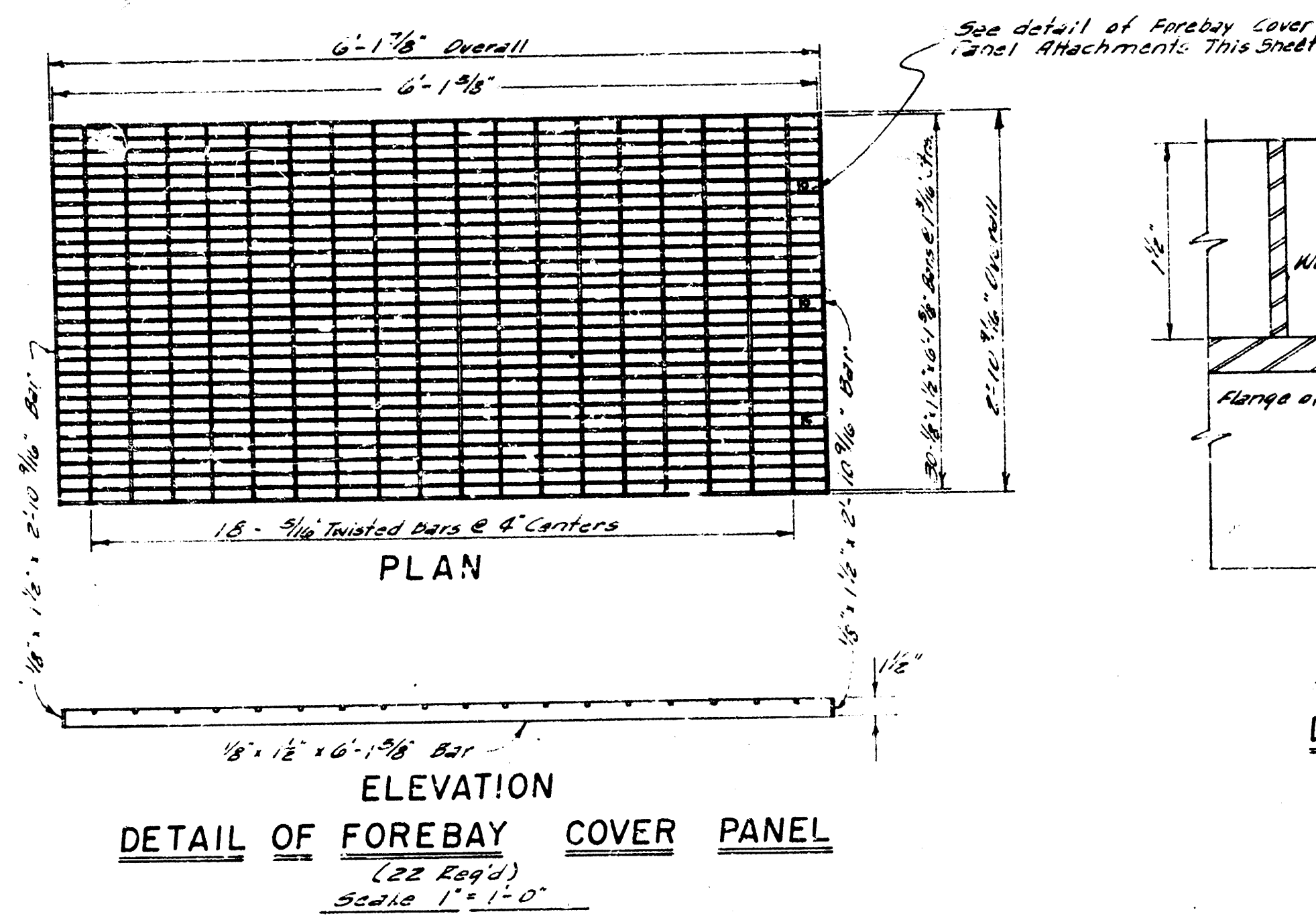
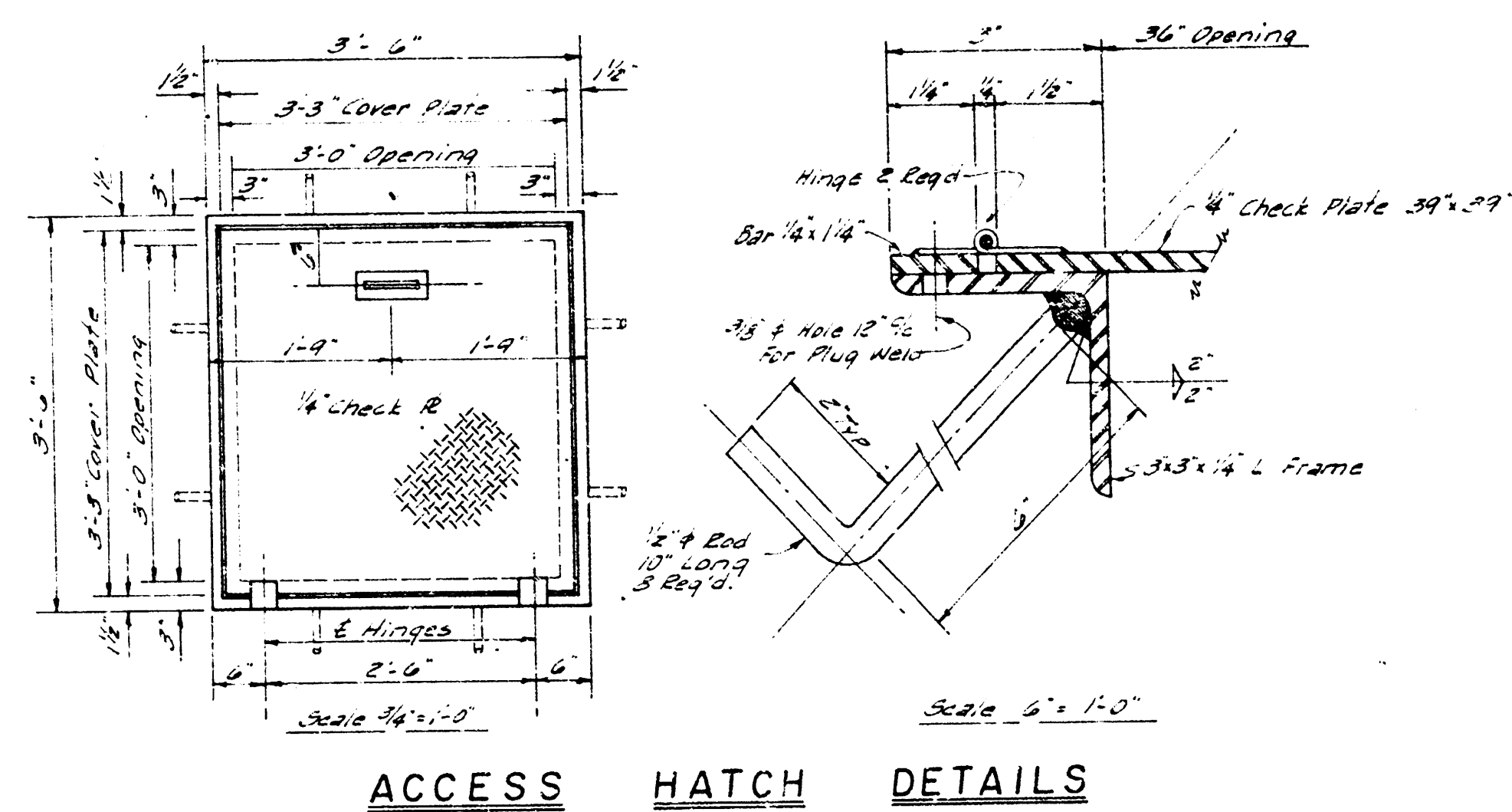
DESCRIPTION	SHEET NO.
LOCATION MAP	2
PUMPING STATION ELEVATIONS	3
PUMPING STATION PLAN & SECTIONS	4
MISC. PUMPING STATION DETAILS	5-6
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PLAN & PROFILE OF PUMP DISCHARGE STRUCTURE & DITCH	16
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B.E. SMITH CITY ENGINEER
7-17-61
PUMPING STATION
S.W.S. 70
PROJ. NO. C29-106
SHEET 1 OF 18

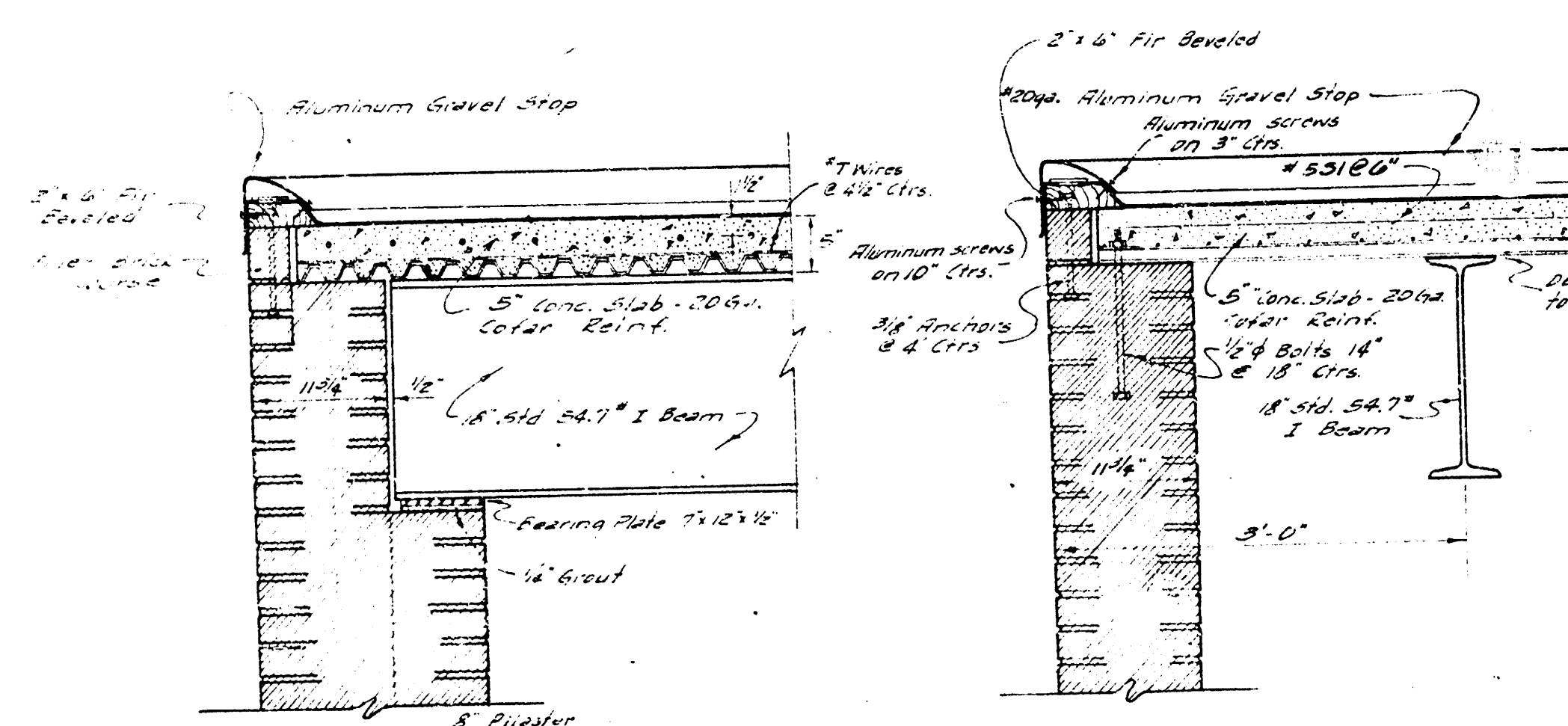






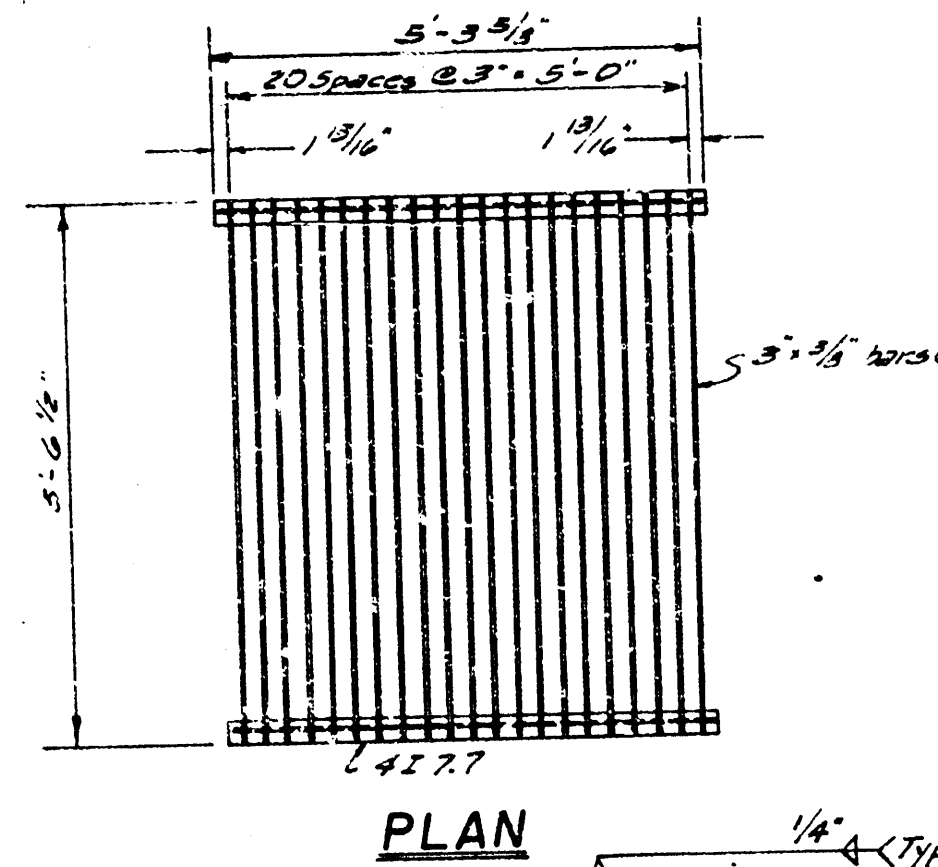


BAR SCHEDULE - RETAINING WALLS															
BAR NO.	SIZE	LOCATION	LENGTH	QUAN.	REQD.	SHAPE	W.T.	BAR NO.	SIZE	LOCATION	LENGTH	QUAN.	REQD.	SHAPE	W.T.
44T-1	#4	S. EXPT. WALL	11'-0"	2	---	---	---	44T-12	#4	N.E. EXPT. WALL	6'-3"	3	---	---	9
44T-2	#4	N.E. RET. WALL	17'-0"	2	---	---	---	44T-13	#4	S. EXPT. WALL	5'-0"	3	---	---	9
44T-3	#4	S. EXPT. WALL	15'-0"	4	---	---	---	44T-14	#4	N.E. EXPT. WALL	10'-0"	2	---	---	18
44T-4	#4	"	7'-0"	2	---	---	---	44T-15	#4	"	11'-3"	4	---	---	30
44T-5	#4	"	2'-0"	1	---	---	---	44T-16	#4	"	6'-0"	1	---	---	9
44T-6	#4	N.E. RET. WALL	0'-0"	3	---	---	---	44T-17	#4	"	5'-0"	2	---	---	9
44T-7	#4	"	0'-0"	3	---	---	---	44T-18	#4	"	5'-0"	1	---	---	9
44T-8	#4	"	5'-0"	3	---	---	---	44T-19	#4	"	5'-0"	1	---	---	9
44T-9	#4	"	2'-0"	1	---	---	---	44T-20	#4	"	5'-0"	1	---	---	9
44T-10	#4	S. EXPT. WALL	2'-0"	2	---	---	---	44T-21	#4	"	5'-0"	1	---	---	9
44T-11	#4	N.E. EXPT. WALL	3'-0"	3	---	---	---								

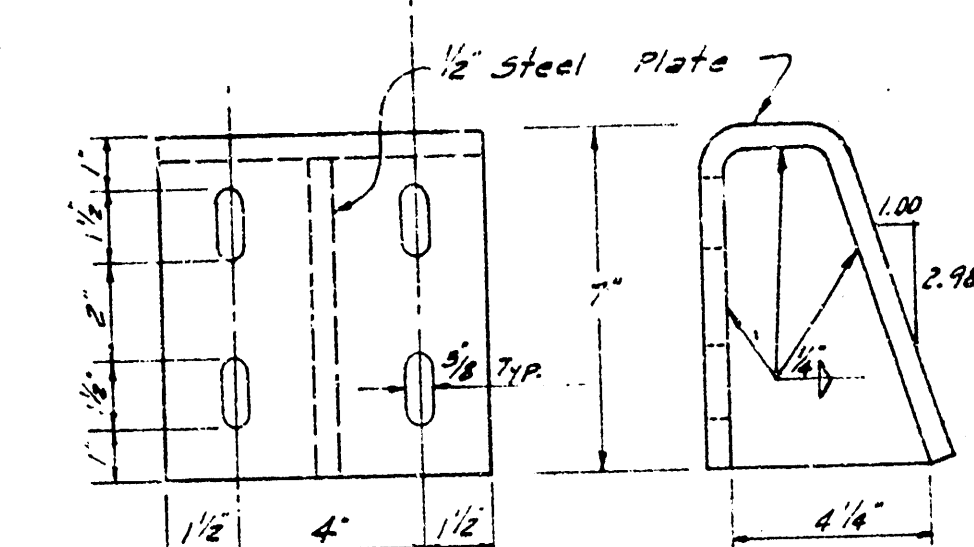


TYPICAL END WALL SECTION AT ROOF
Scale 1/4" = 1'-0"

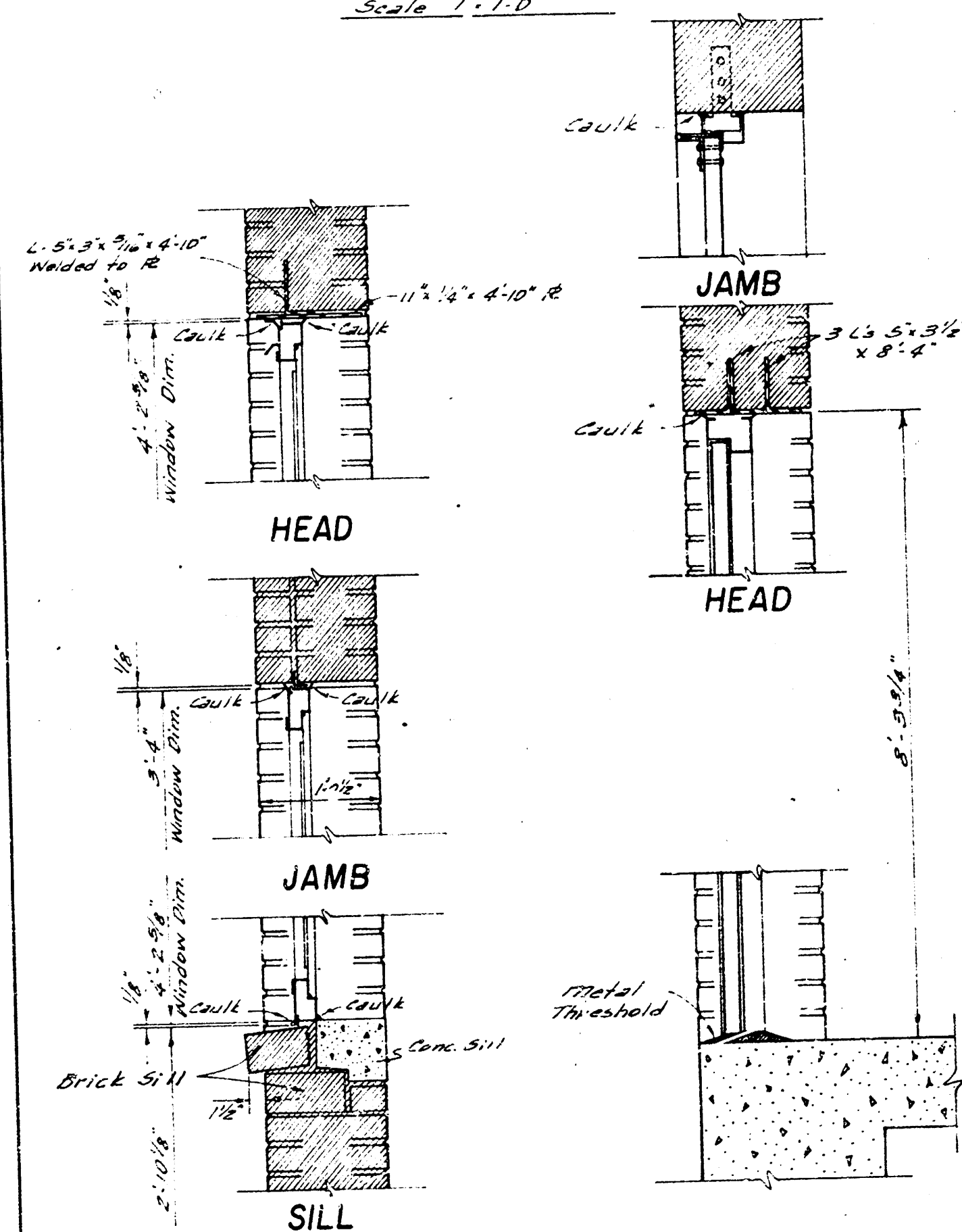
TYPICAL WALL SECTION AT ROOF
Scale 1/4" = 1'-0"



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

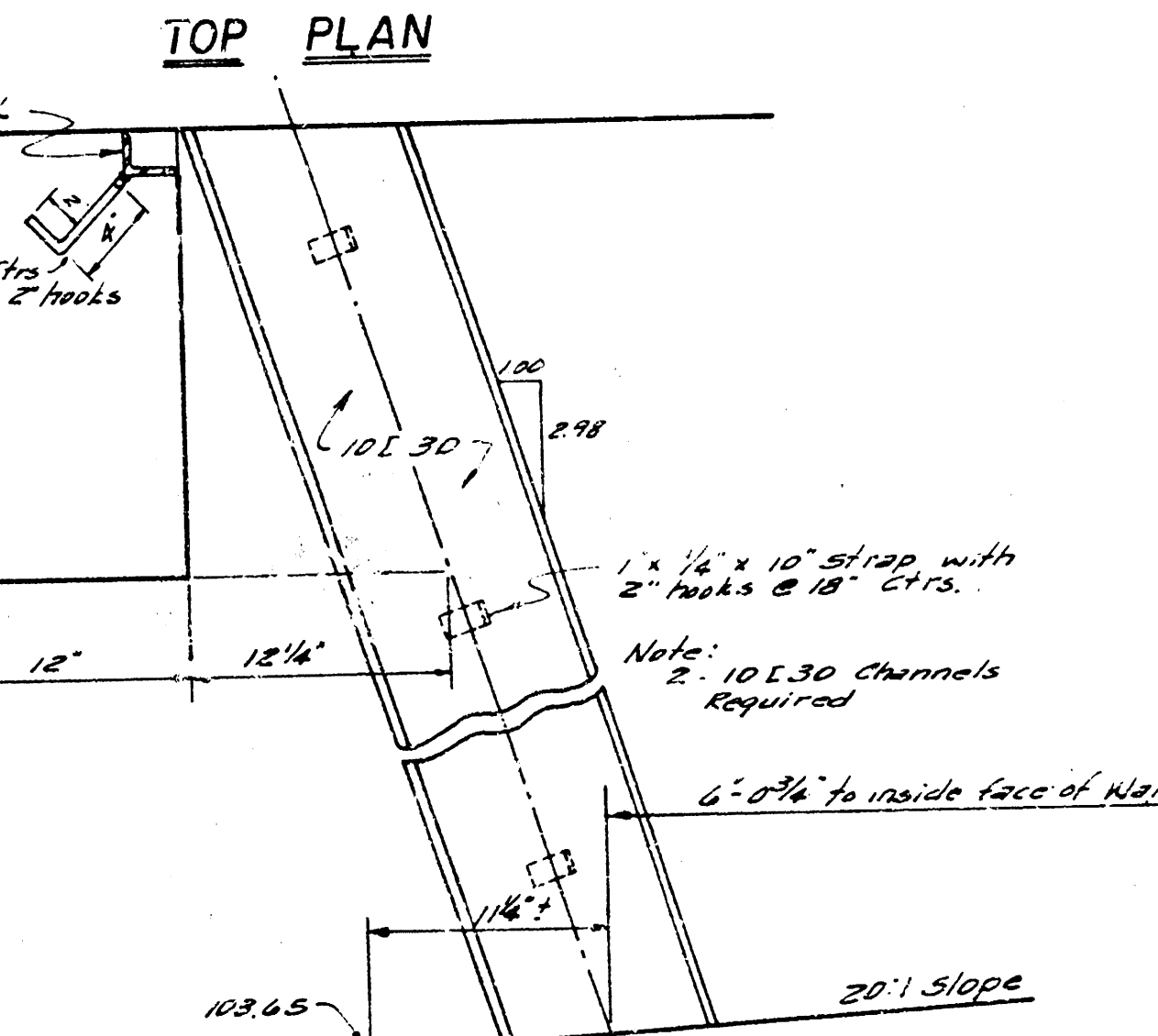
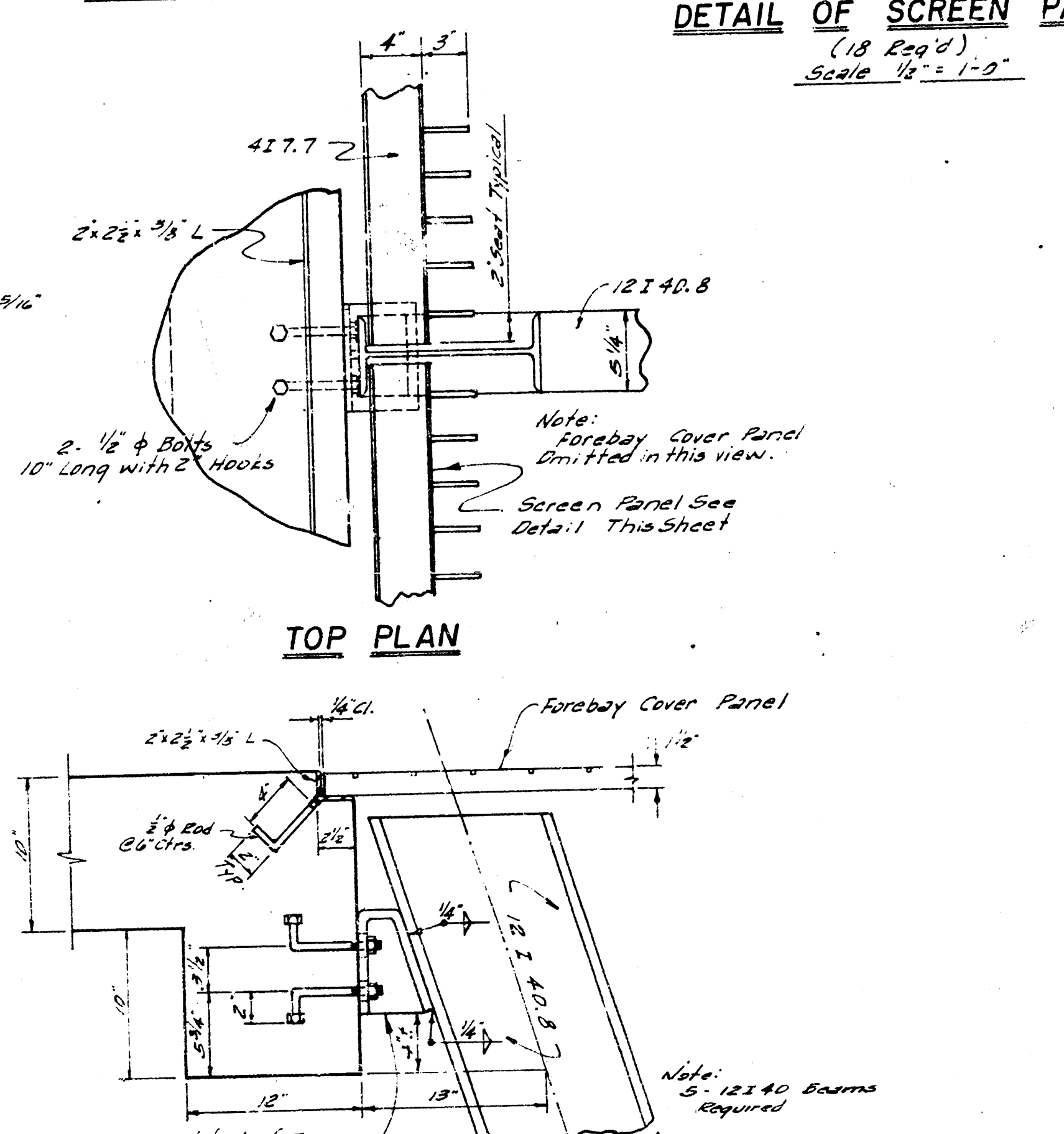


DETAIL OF TOP CONNECTOR (12 I 40.8)
(5 Egg)
Scale 3/4" = 1'-0"

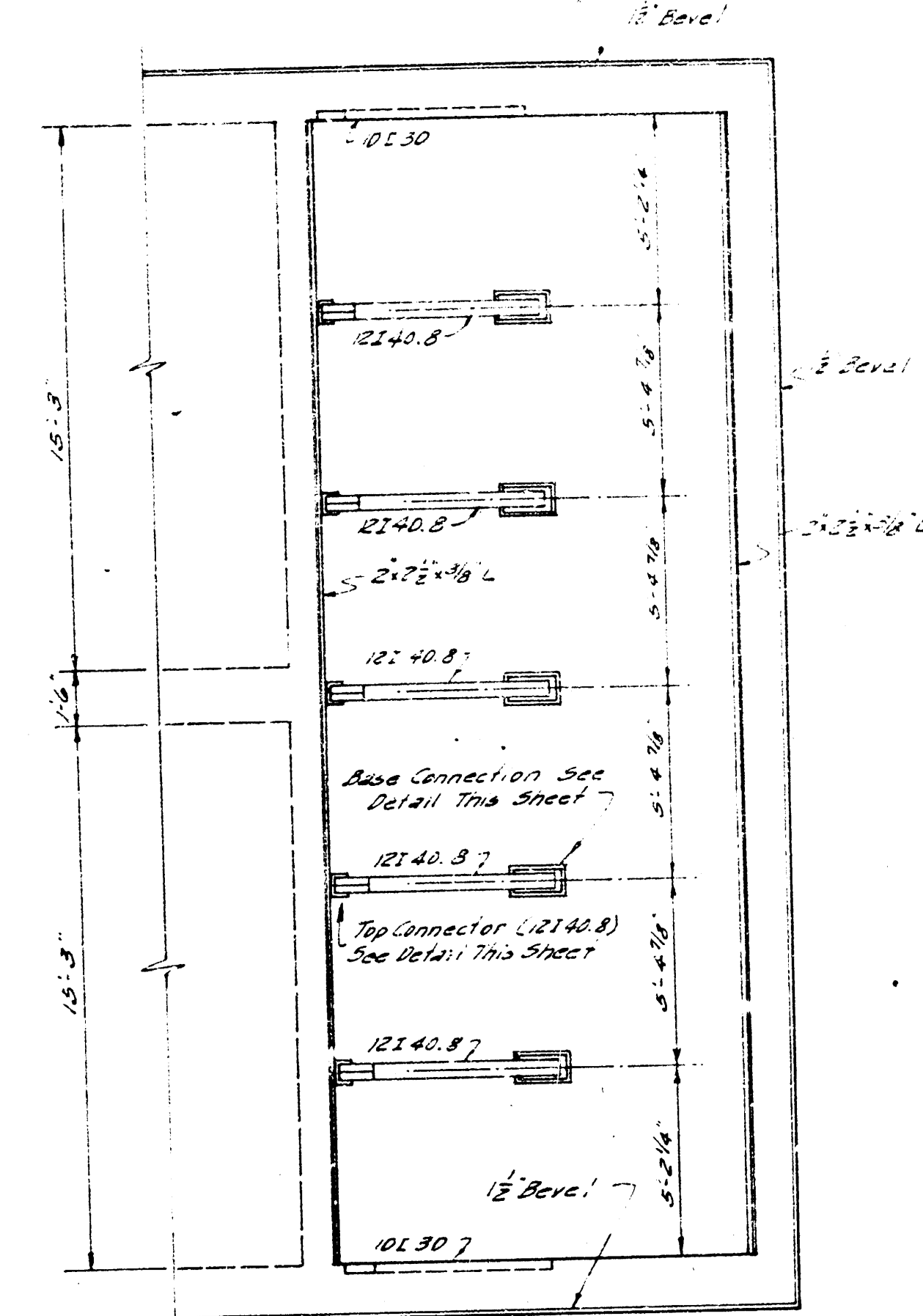


WINDOW DETAILS
Scale 1/4" = 1'-0"

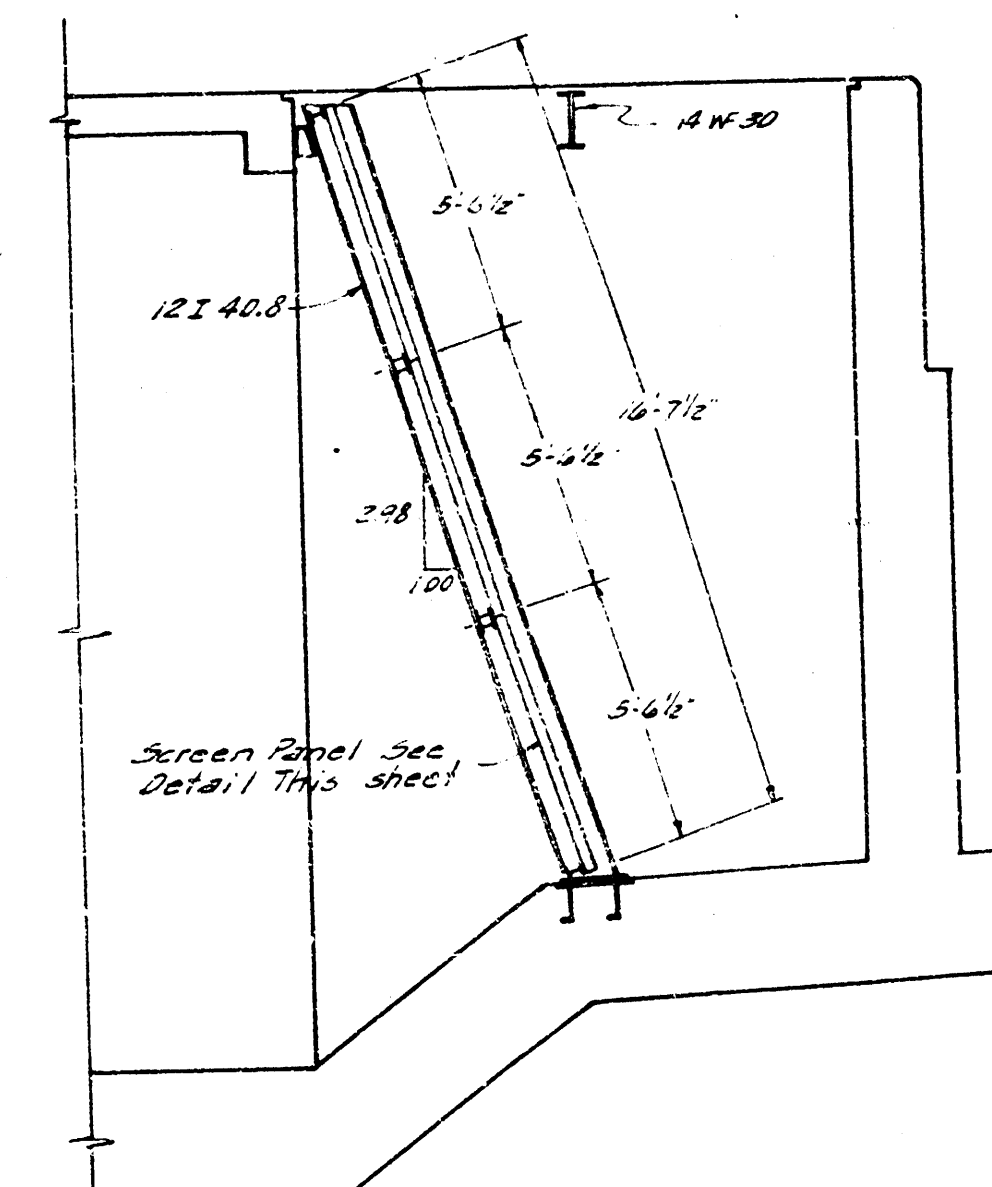
DOOR DETAILS
Scale 1/4" = 1'-0"



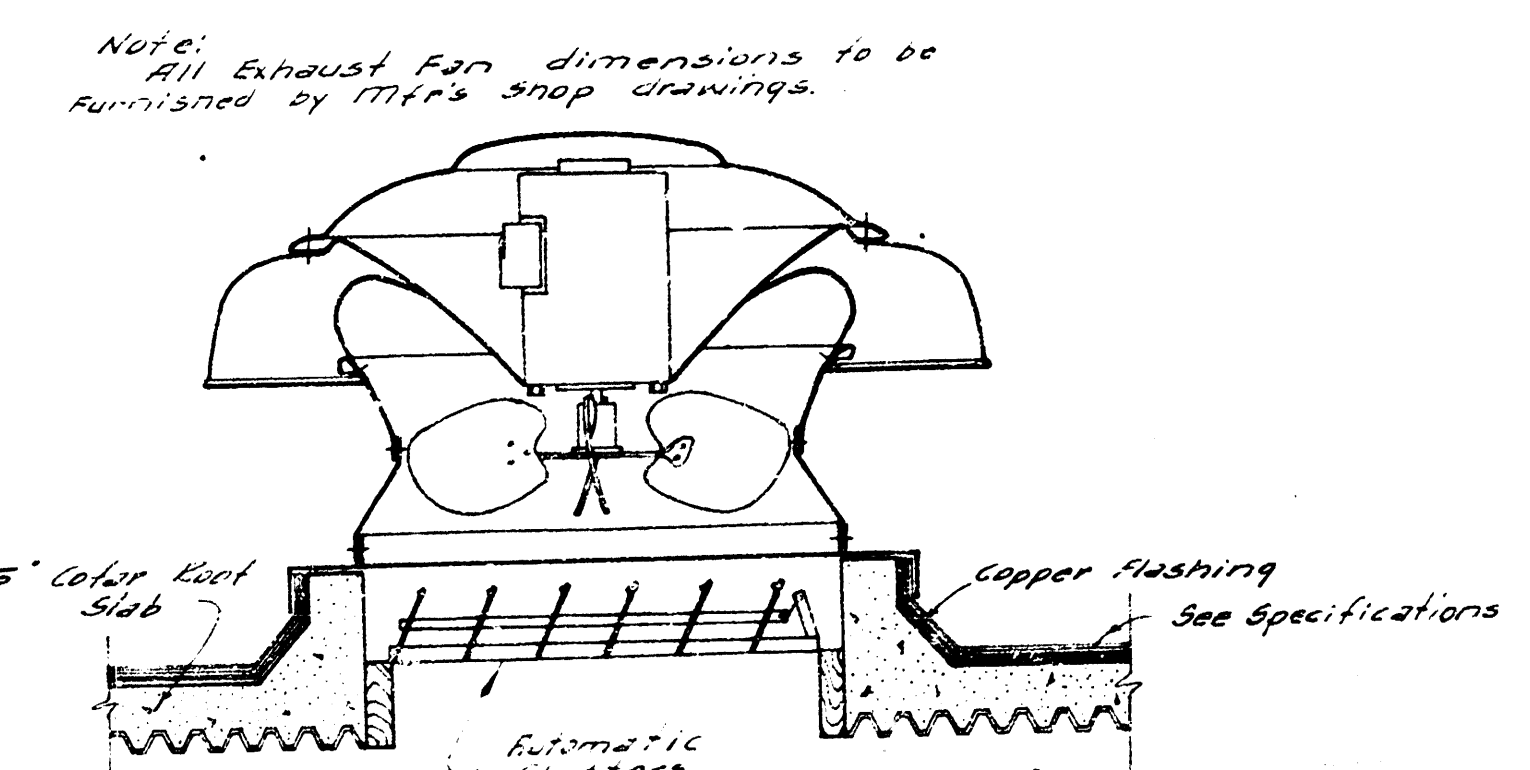
ELEVATION OF WALL CONNECTION (10 I 30)
Scale 1/4" = 1'-0"



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

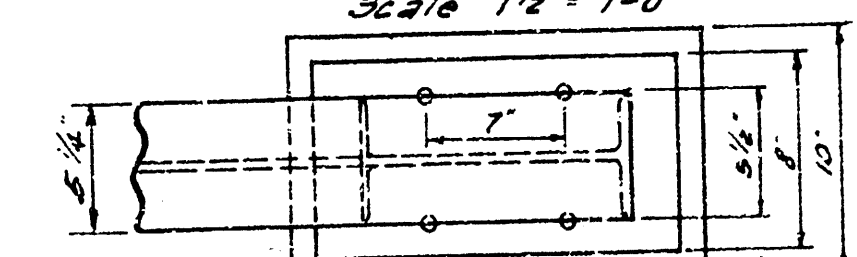


SECTION THRU TRASH RACK
Scale 1/4" = 1'-0"

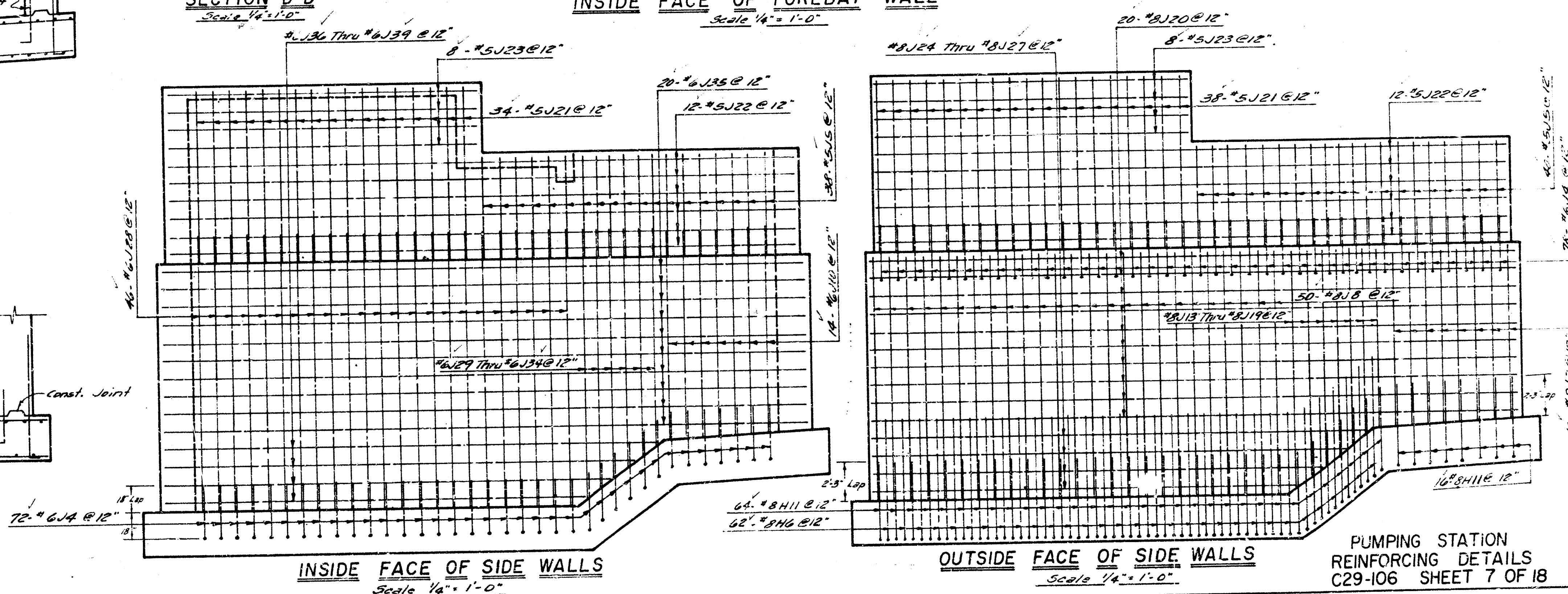
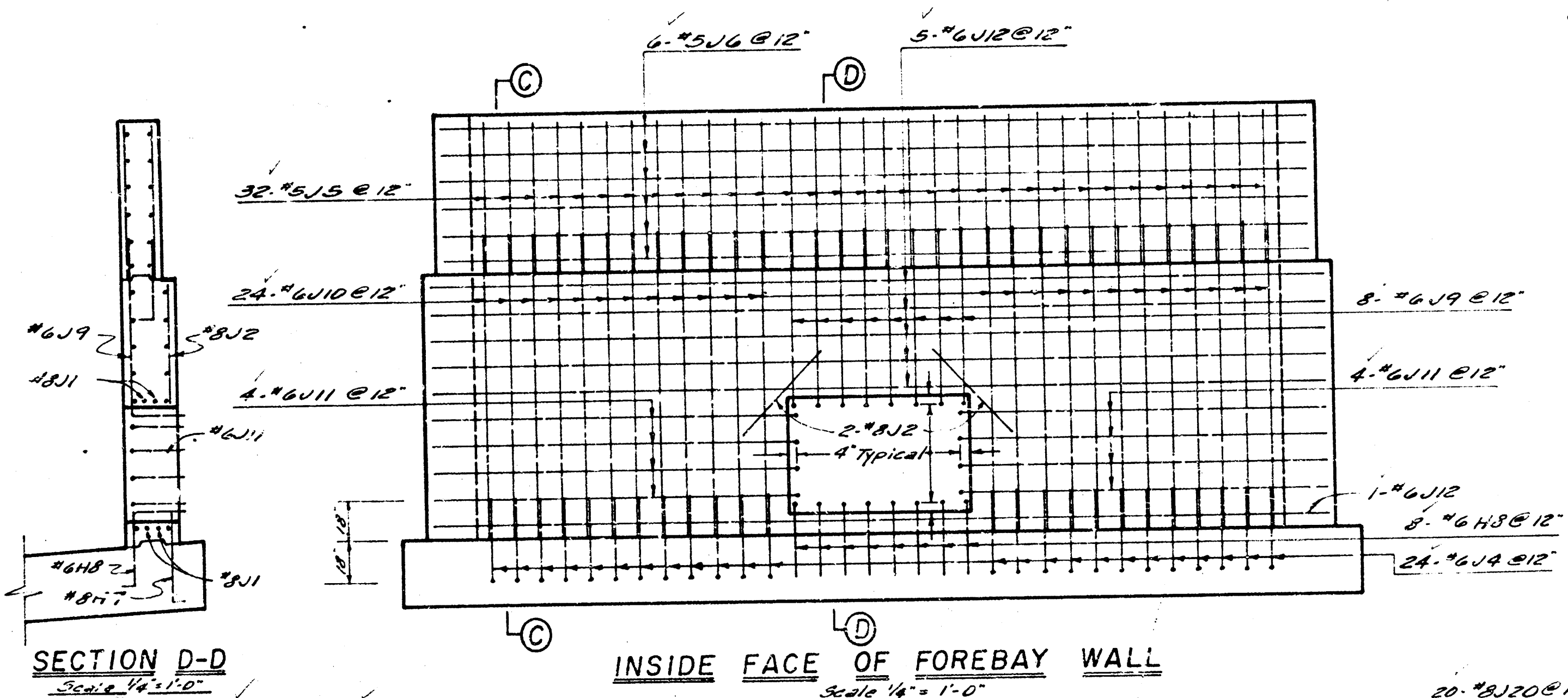
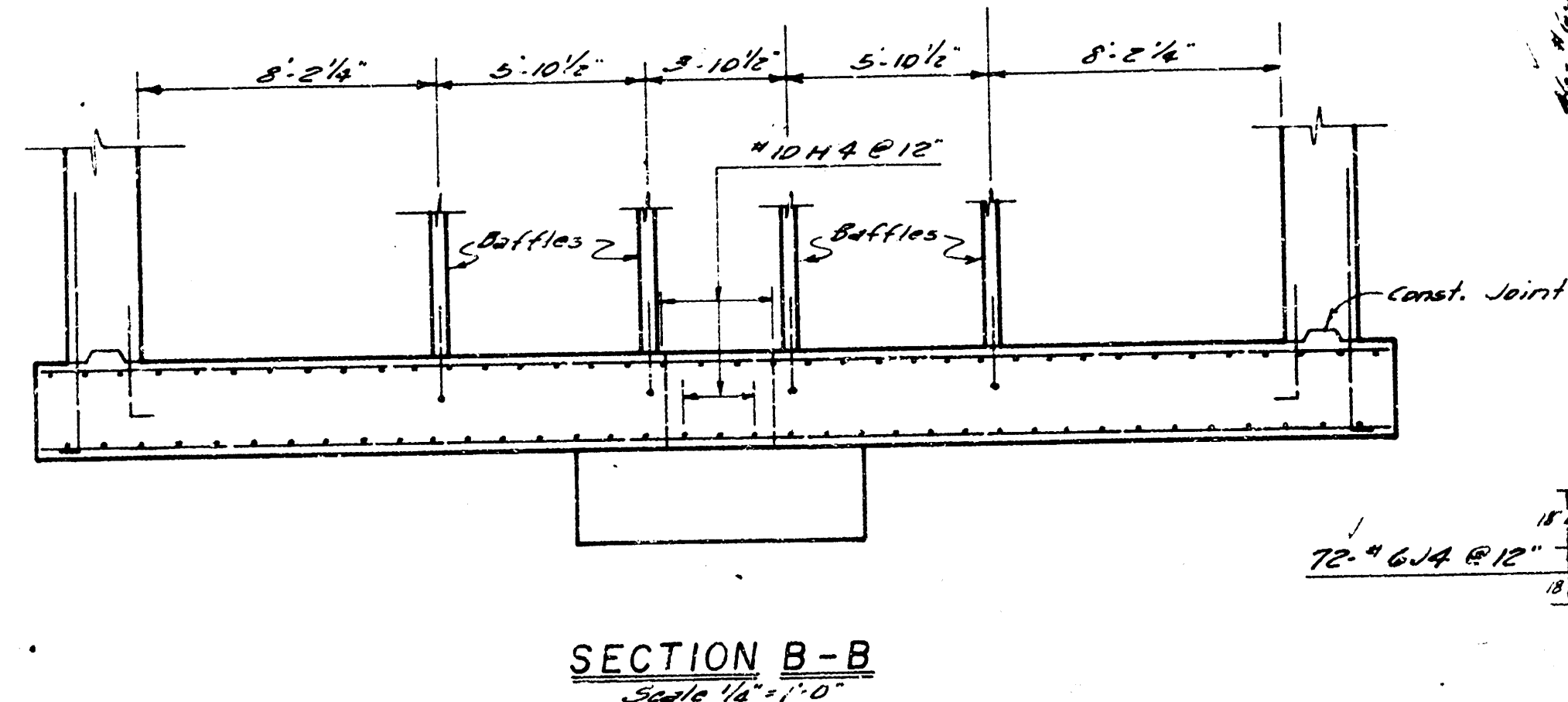


DETAIL OF EXHAUST FAN CURB
No Scale

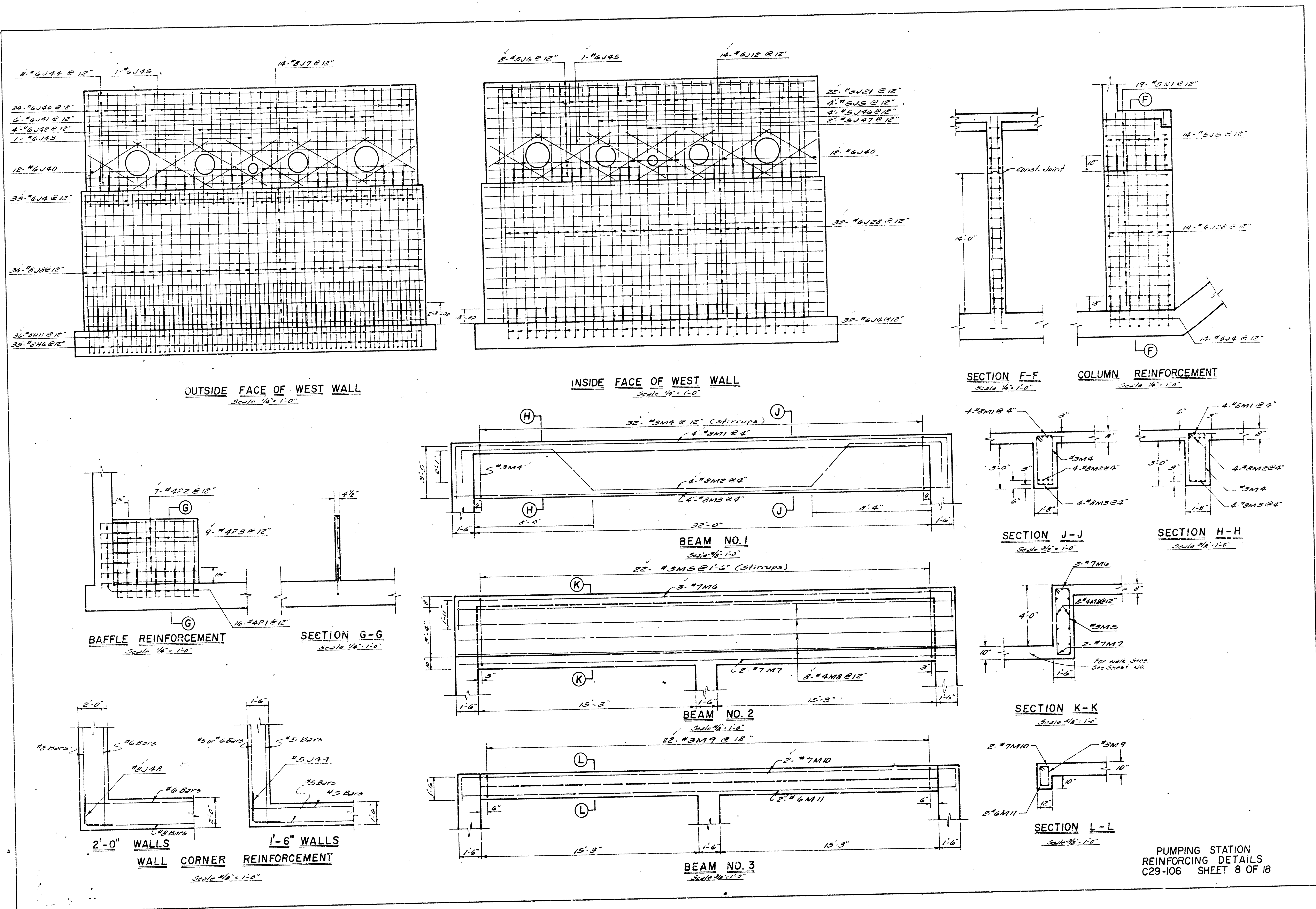
ELEVATION OF TOP & BASE CONNECTIONS FOR 12 I 40.8
Scale 1/4" = 1'-0"

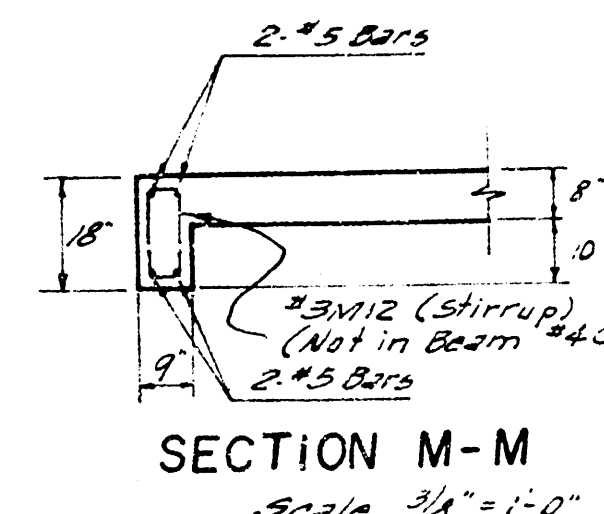
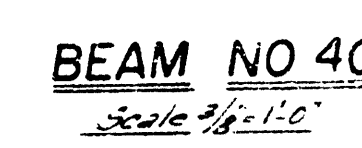
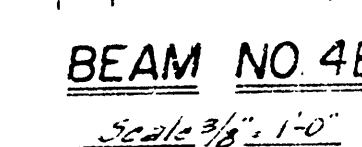
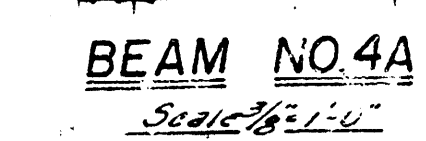
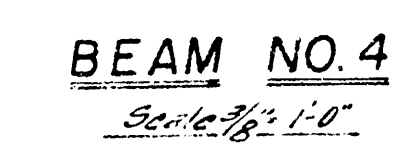
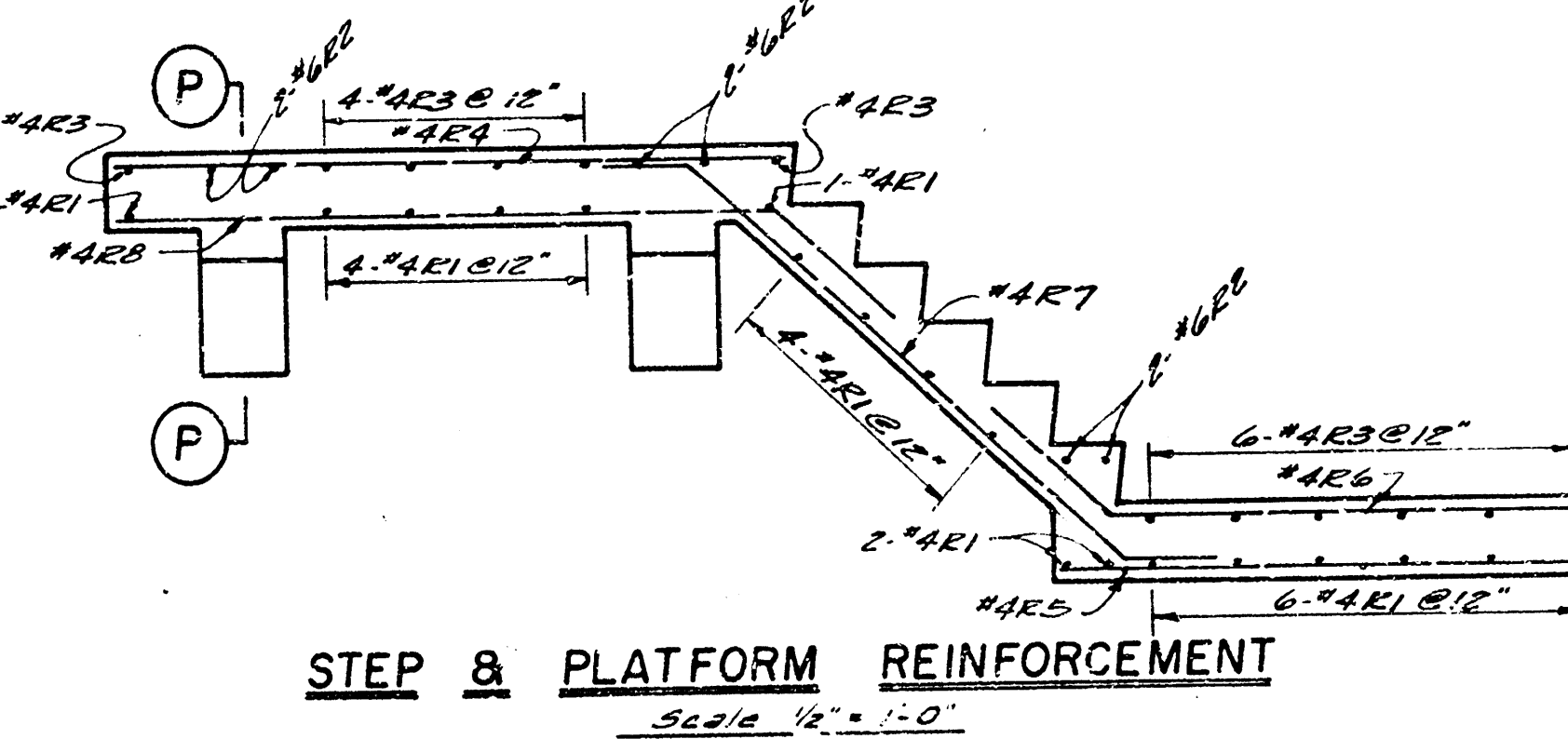
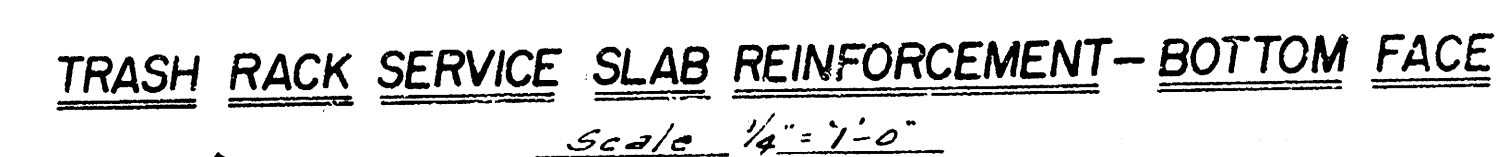
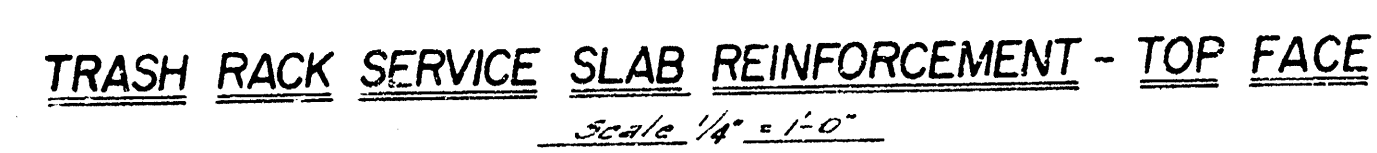
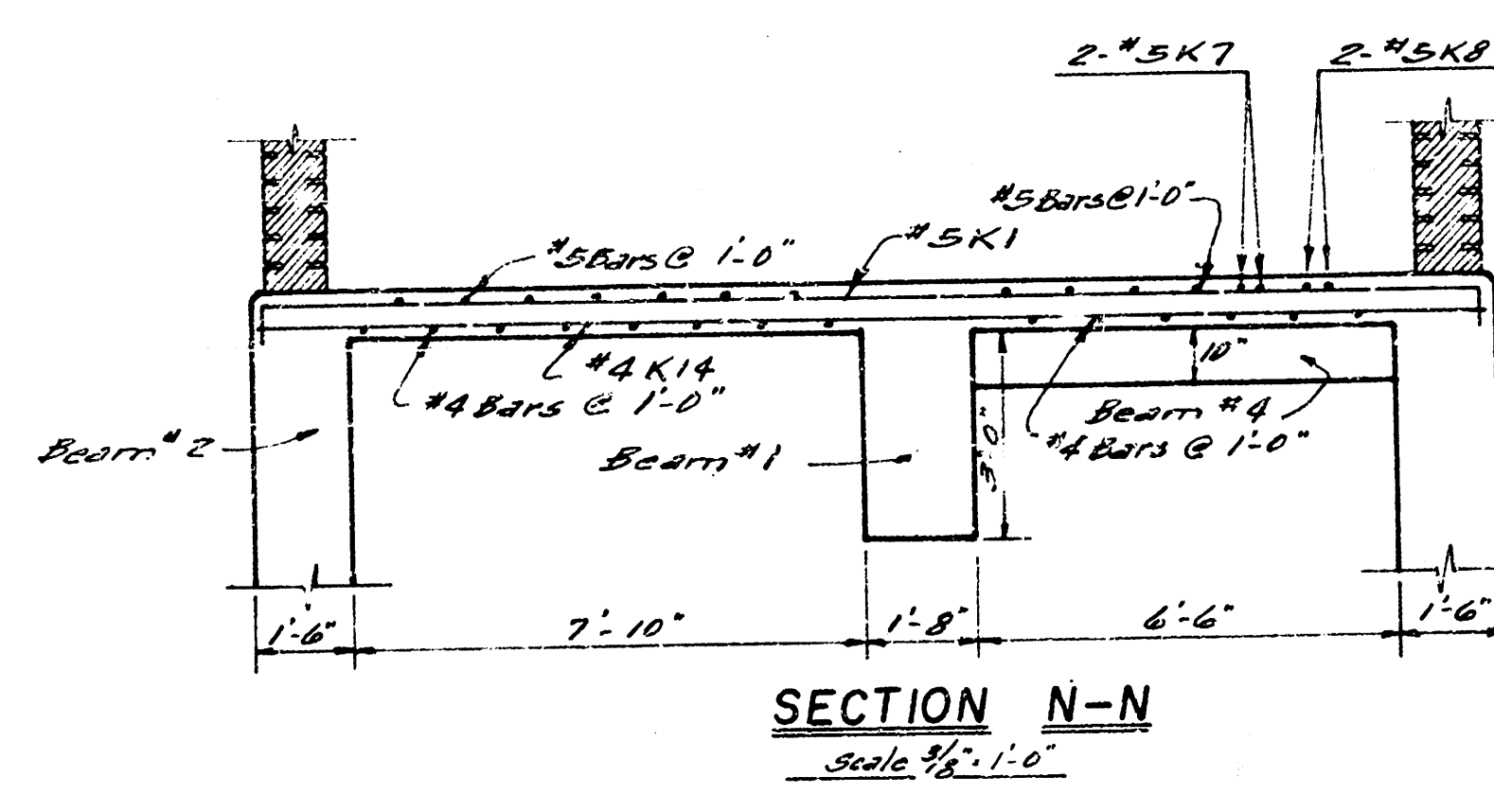
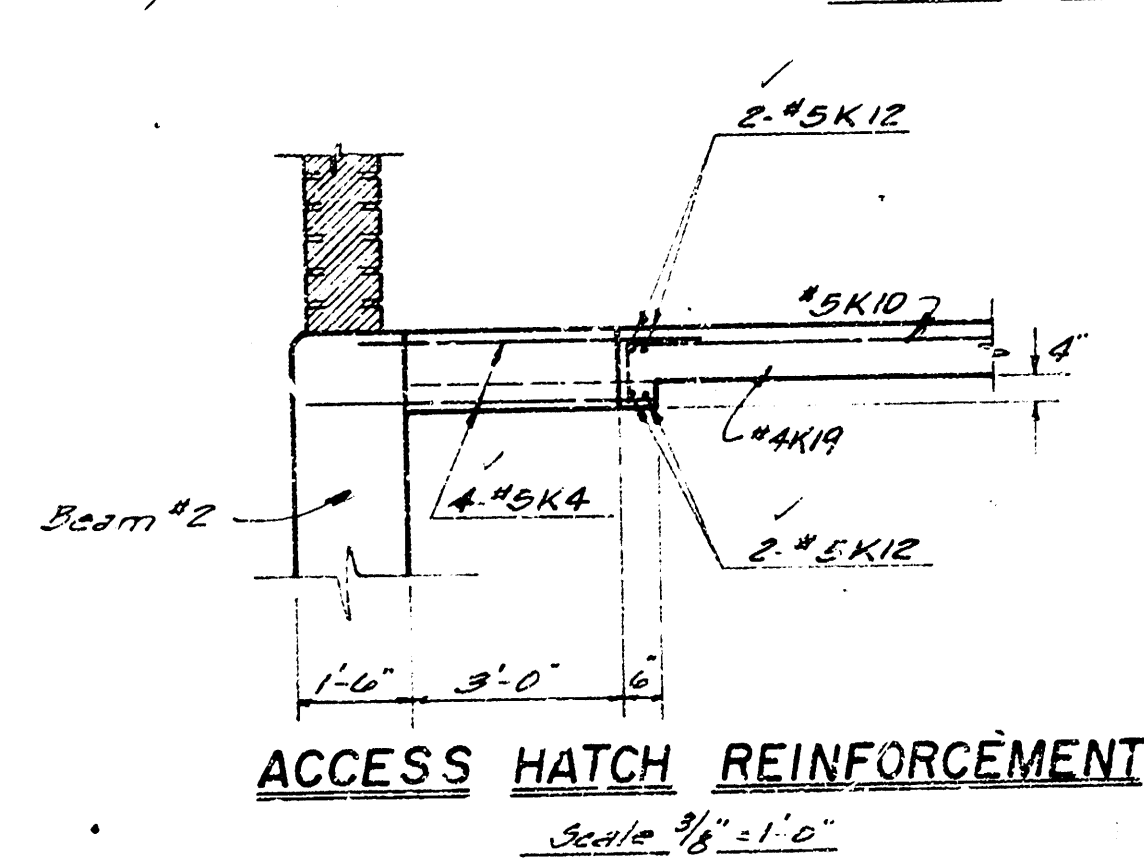
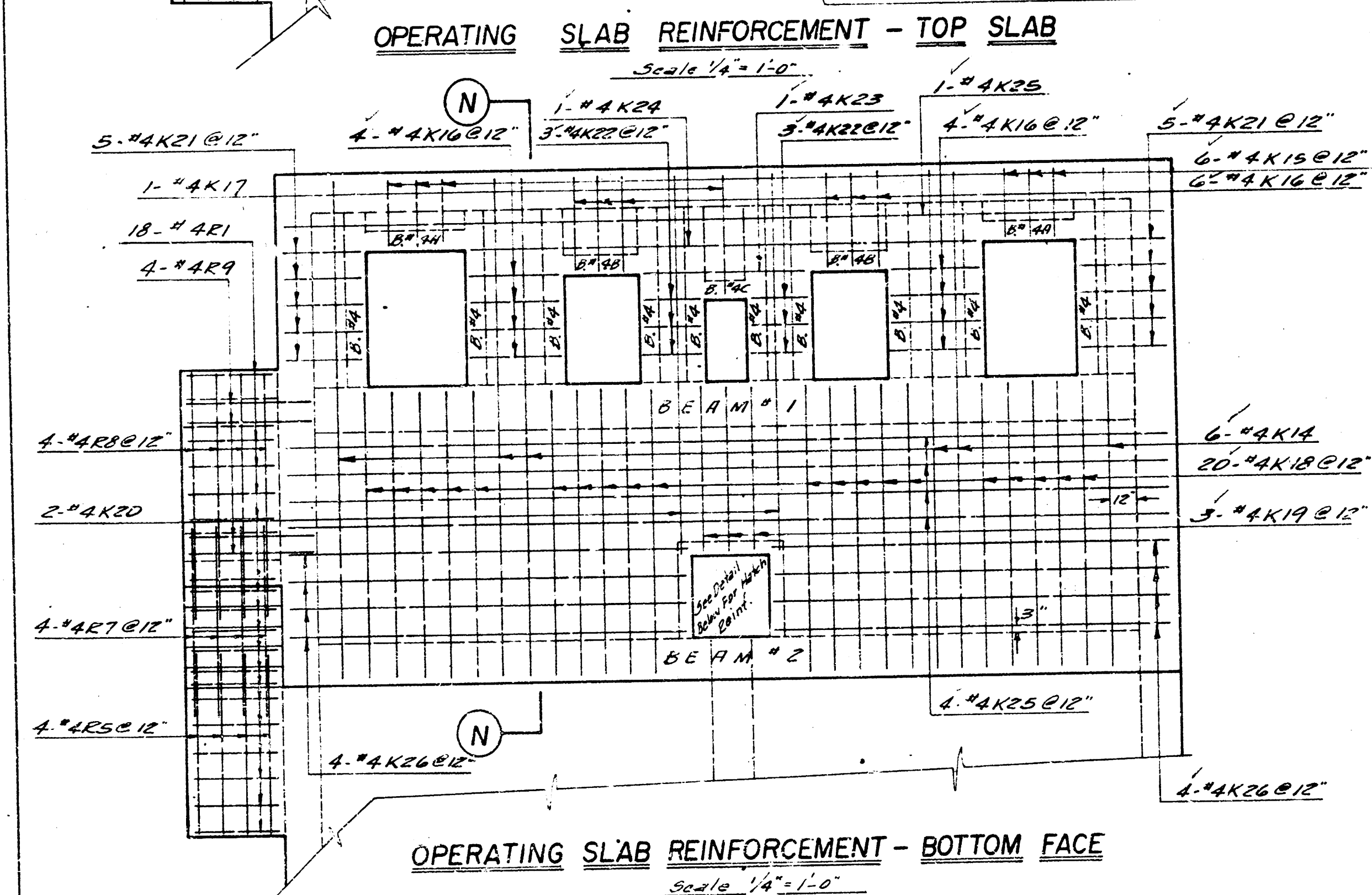


PLAN OF BASE



PUMPING STATION
REINFORCING DETAILS
C29-106 SHEET 7 OF 18

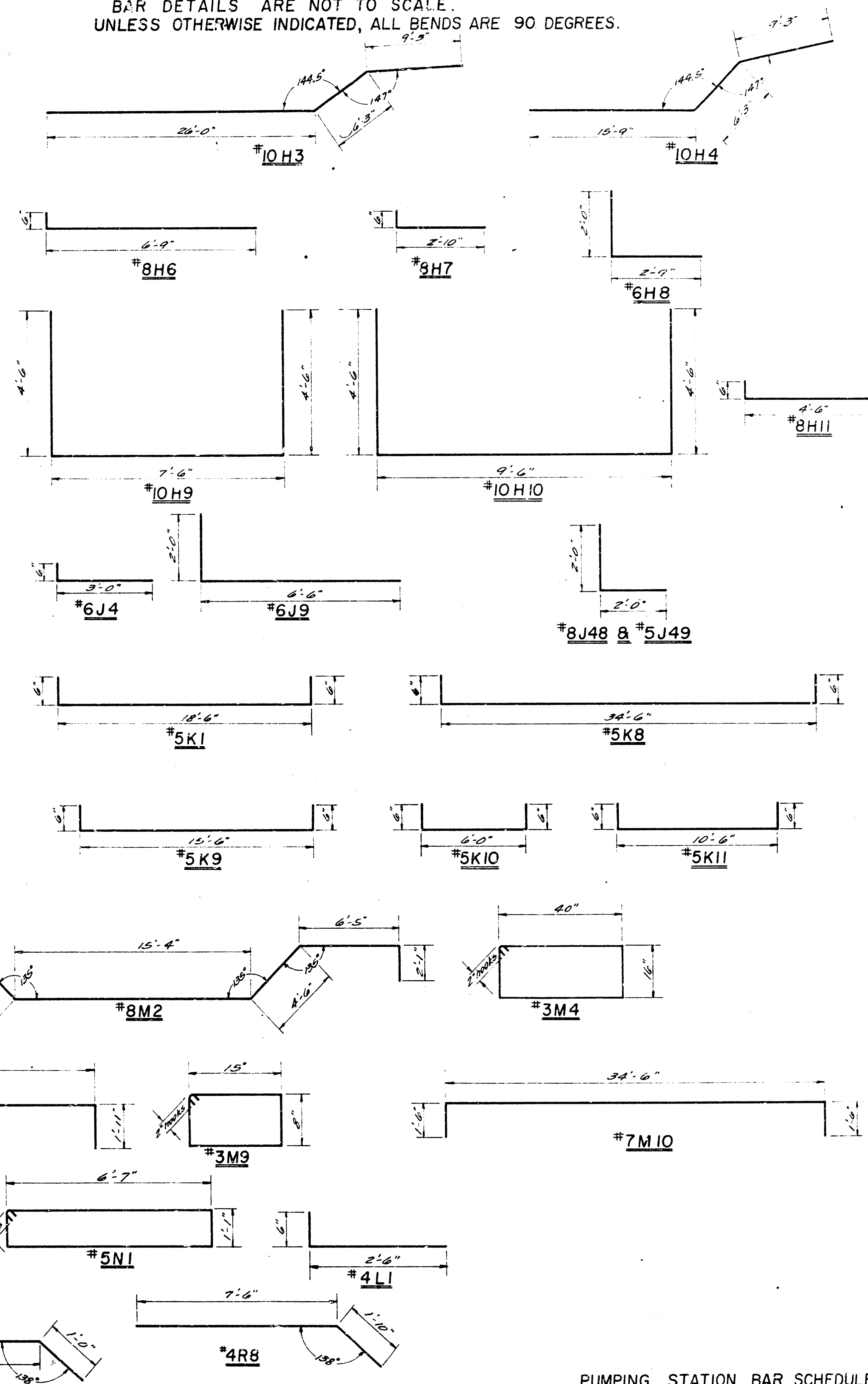


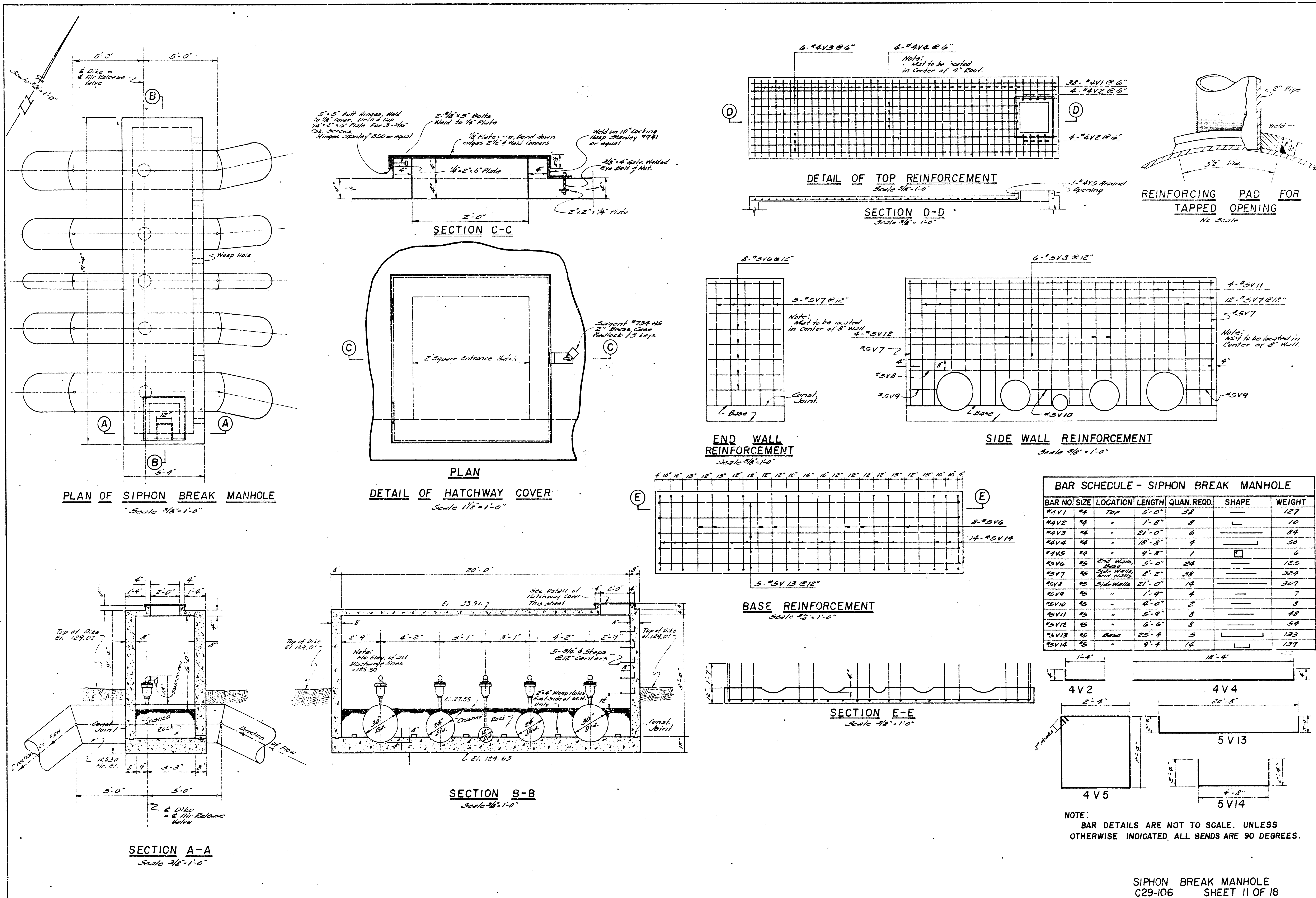


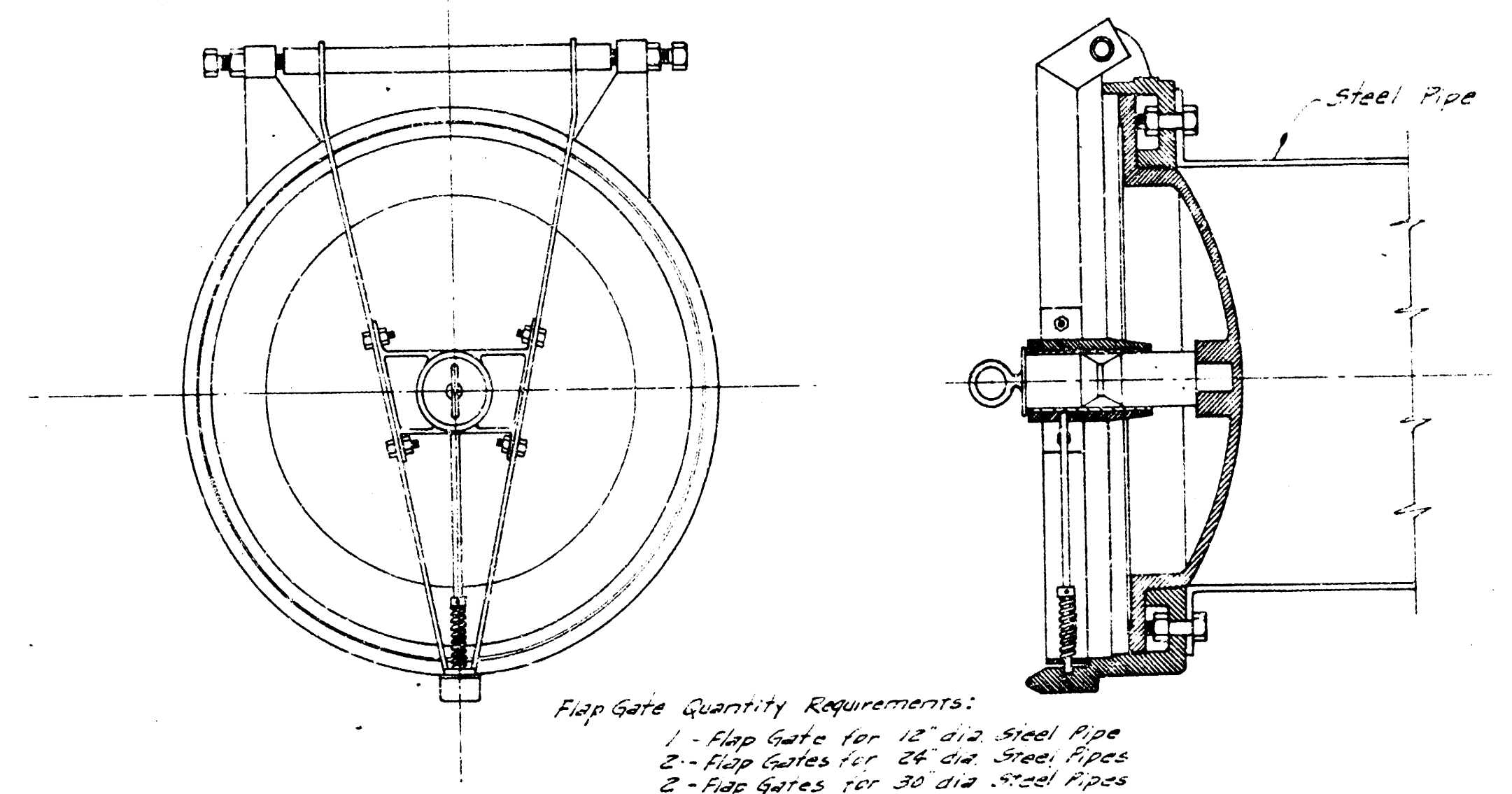
PUMPING STATION - BAR SCHEDULE						
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQ'D	SHAPE	WEIGHT
#10H1	#10	Base	37'-0"	74		11941
#10H2	#10	"	17'-0"	20		1463
#10H3	#10	"	42'-0"	68		12289
#10H4	#10	"	31'-3"	7		941
#10H5	#10	"	5'-0"	7		151
#8H6	#8	"	7'-3"	97		1878
#8H7	#8	"	3'-4"	8		71
#8H8	#8	"	4'-9"	8		57
#10H9	#10	Support Holes	16'-6"	8		568
#10H10	#10	"	18'-6"	10		796
#8H11	#8	Base	5'-0"	144		1922
#8H12	#8	10' roadway wall	15'-0"	4		128
#8H13	#8	"	4'-6"	10		150
#8H14	#8	10' roadway wall, side walls	9'-9"	44		1145
#8H15	#8	10' roadway wall, side walls	3'-6"	290		1525
#8H16	#8	"	5'-9"	163		978
#8H17	#8	10' roadway wall, west wall	34'-6"	20		720
#8H18	#8	"	35'-6"	20		1876
#8H19	#8	10' roadway wall, west wall	13'-9"	94		3451
#8H20	#8	10' roadway wall	8'-6"	8		102
#8H21	#8	10' roadway wall, side walls	11'-6"	38		666
#8H22	#8	10' roadway wall	16'-6"	8		198
#8H23	#8	10' roadway wall, west wall	35'-6"	20		1066
#8H24	#8	side walls	13'-3"	2		71
#8H25	#8	"	12'-9"	2		68
#8H26	#8	"	12'-0"	2		64
#8H27	#8	"	11'-6"	2		61
#8H28	#8	"	11'-0"	2		59
#8H29	#8	"	10'-6"	2		56
#8H30	#8	"	10'-0"	2		53
#8H31	#8	"	38'-6"	20		2056
#8H32	#8	side walls, west wall	9'-9"	94		956
#8H33	#8	side walls	37'-6"	24		939
#8H34	#8	"	18'-6"	16		309
#8H35	#8	"	20'-3"	2		156
#8H36	#8	"	28'-0"	2		150
#8H37	#8	"	26'-6"	2		142
#8H38	#8	"	25'-0"	2		134
#8H39	#8	side walls, west wall	15'-6"	92		2142
#8H40	#8	side walls	15'-3"	2		46
#8H41	#8	"	14'-6"	2		44
#8H42	#8	"	14'-0"	2		42
#8H43	#8	"	13'-3"	2		40
#8H44	#8	"	12'-9"	2		38
#8H45	#8	"	12'-3"	2		37
#8H46	#8	"	38'-6"	20		1157
#8H47	#8	"	20'-3"	2		88
#8H48	#8	"	28'-0"	2		84
#8H49	#8	"	26'-6"	2		80
#8H50	#8	"	25'-0"	2		75
#8H51	#8	west wall	9'-9"	48		703
#8H52	#8	"	3'-6"	6		50
#8H53	#8	"	6'-0"	4		36
#8H54	#8	"	7'-0"	1		11
#8H55	#8	"	34'-6"	8		415
#8H56	#8	"	21'-6"	2		65
#8H57	#8	"	21'-0"	4		25
#8H58	#8	"	7'-0"	2		15
#8H59	#8	corners	4'-0"	48		513
#8H60	#8	"	2'-0"	40		167
#8H61	#8	Operating Slab	10'-6"	6		122
#8H62	#8	Operating Slab, 4'x4'	3'-6"	10		26
#8H63	#8	Operating Slab	3'-6"	12		30
#8H64	#8	Operating Slab, hatchway	4'-9"	10		50
#8H65	#8	Operating Slab	2'-0"	6		13
#8H66	#8	"	3'-0"	10		31
#8H67	#8	"	20'-0"	2		42
#8H68	#8	"	35'-6"	6		222
#8H69	#8	"	14'-6"	6		103
#8H70	#8	"	7'-0"	4		29
#8H71	#8	"	11'-6"	22		269
#8H72	#8	Hatchway	3'-9"	4		16
#8H73	#8	Operating Slab	6'-3"	2		13
#8H74	#8	"	18'-6"	6		74
#8H75	#8	"	2'-6"	6		10
#8H76	#8	"	3'-6"	14		33

PUMPING STATION - BAR SCHEDULE						
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQ'D	SHAPE	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
#4K27	#4	Service Slab	6'-6"	62		269
#4K28	#4	Beam #1	41'-6"	4		443
#4K29	#4	"	41'-6"	4		442
#4K30	#4	"	34'-6"	4		368
#4K31	#4	"	9'-8"	22		116
#4K32	#4	Beam #2	11'-6"	22		95
#4K33	#4	"	38'-4"	3		235
#4K34	#4	"	38'-6"	2		141
#4K35	#4	"	34'-6"	8		184
#4K36	#4	Beam #3	4'-2"	22		34
#4K37	#4	"	37'-6"	2		153
#4K38	#4	"	34'-6"	2		104
#4K39	#4	Beam #4, 4B, 4B	3'-6"	62		103
#4K40	#4	Beam #4	10'-0"	20		209
#4K41	#4	"	4'-0"	20		188
#4K42	#4	Beam #4A	4'-9"	4		20
#4K43	#4	Beam #4B	4'-0"	4		17
#4K44	#4	Column	15'-8"	19		311
#4K45	#4	Baffle	3'-0"	64		128
#4K46	#4	"	8'-9"	28		164
#4K47	#4	"	6'-3"	36		150
#4K48	#4	Steps & Platform	3'-6"	18		42
#4K49	#4	"	3'-9"	6		52
#4K50	#4	"	5'-0"	12		40
#4K51	#4	"	7'-9"	4		21
#4K52	#4	"	6'-0"	4		16
#4K53	#4	"	7'-3"	4		20
#4K54	#4	"	8'-7"	4		23
#4K55	#4	"	9'-4"	4		25
#4K56	#4	"	5'-6"	4		15
#4K57	#4	Roof Slab	17'-9"	68		1259

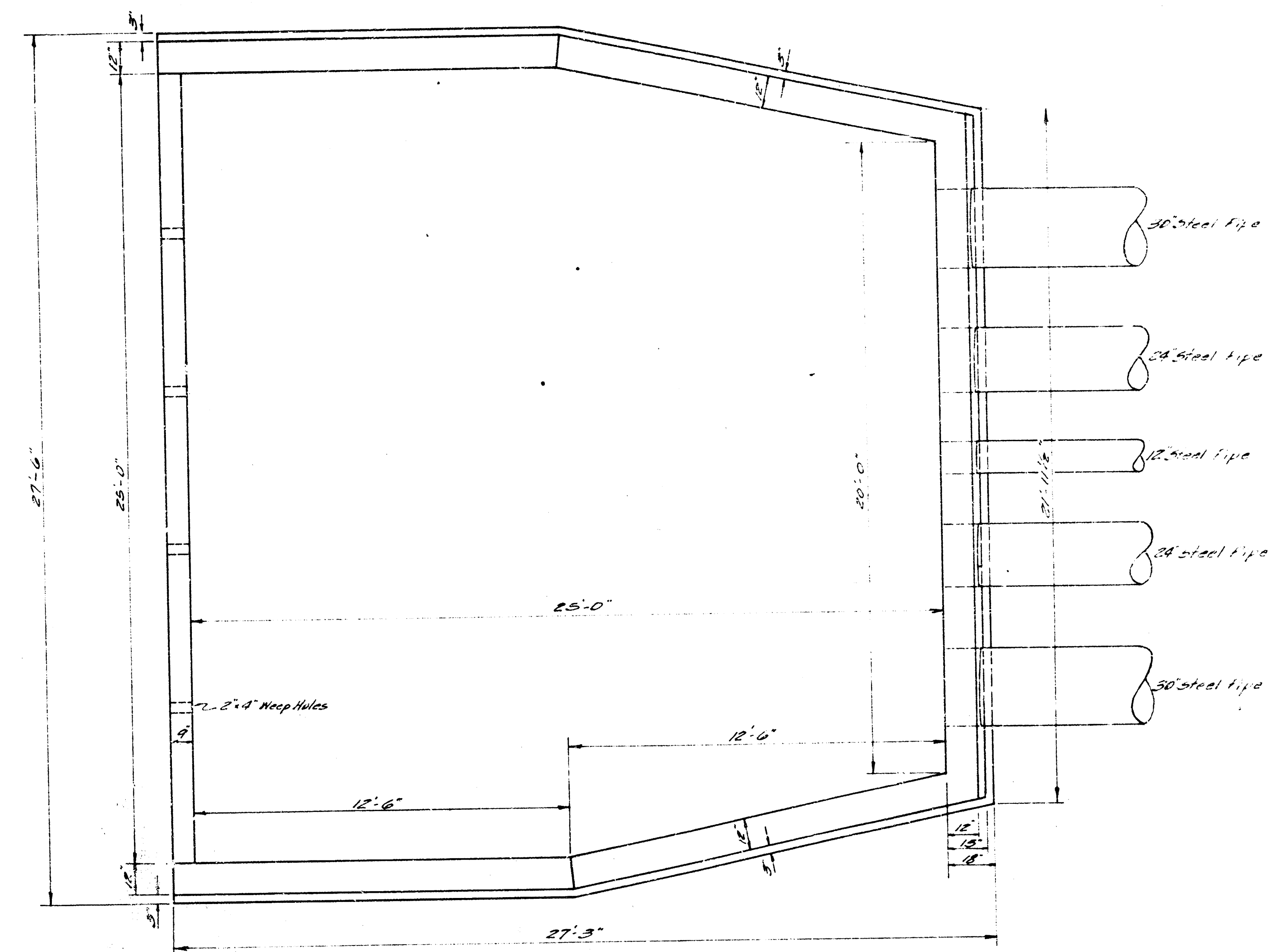
NOTE:
BAR DETAILS ARE NOT TO SCALE.
UNLESS OTHERWISE INDICATED, ALL BENDS ARE 90 DEGREES.



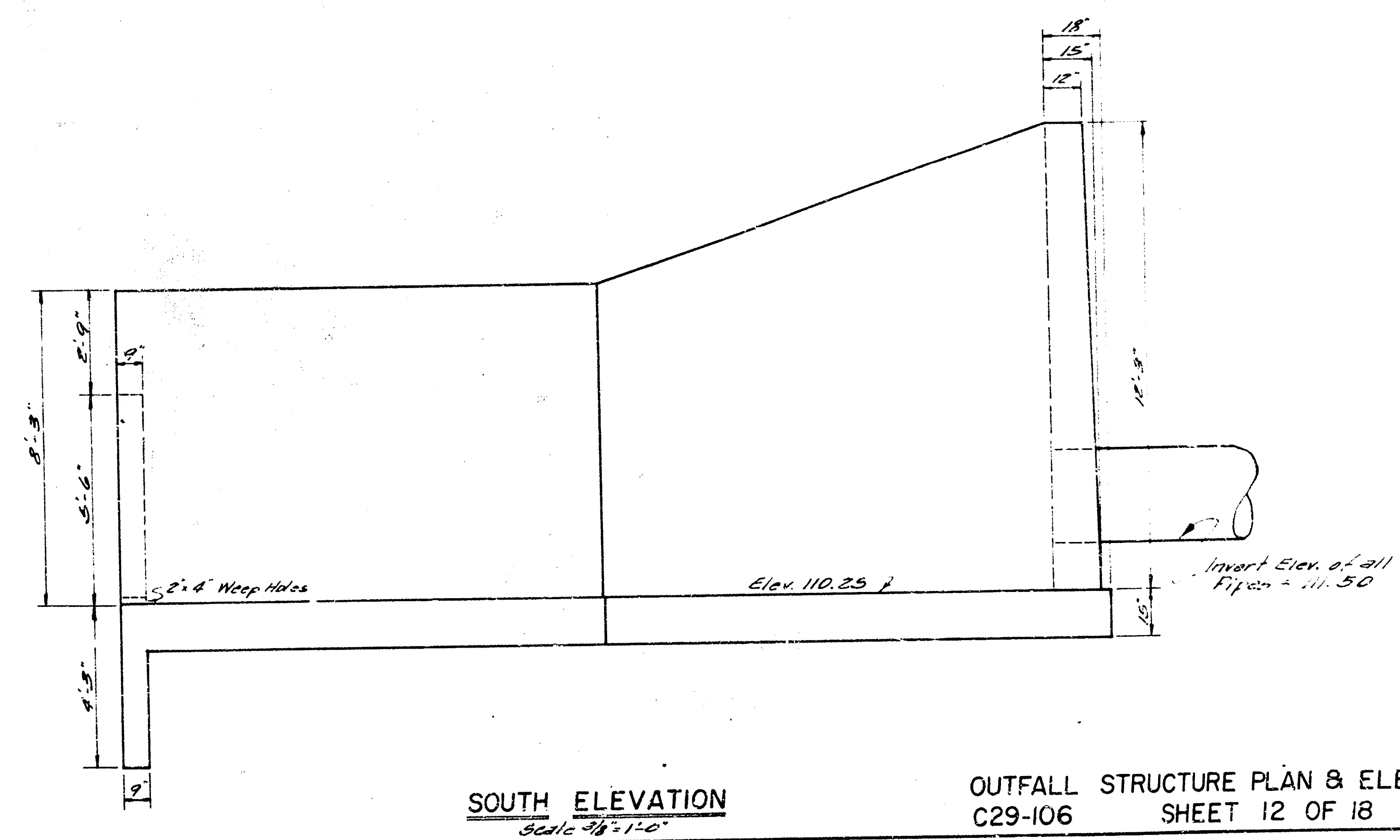
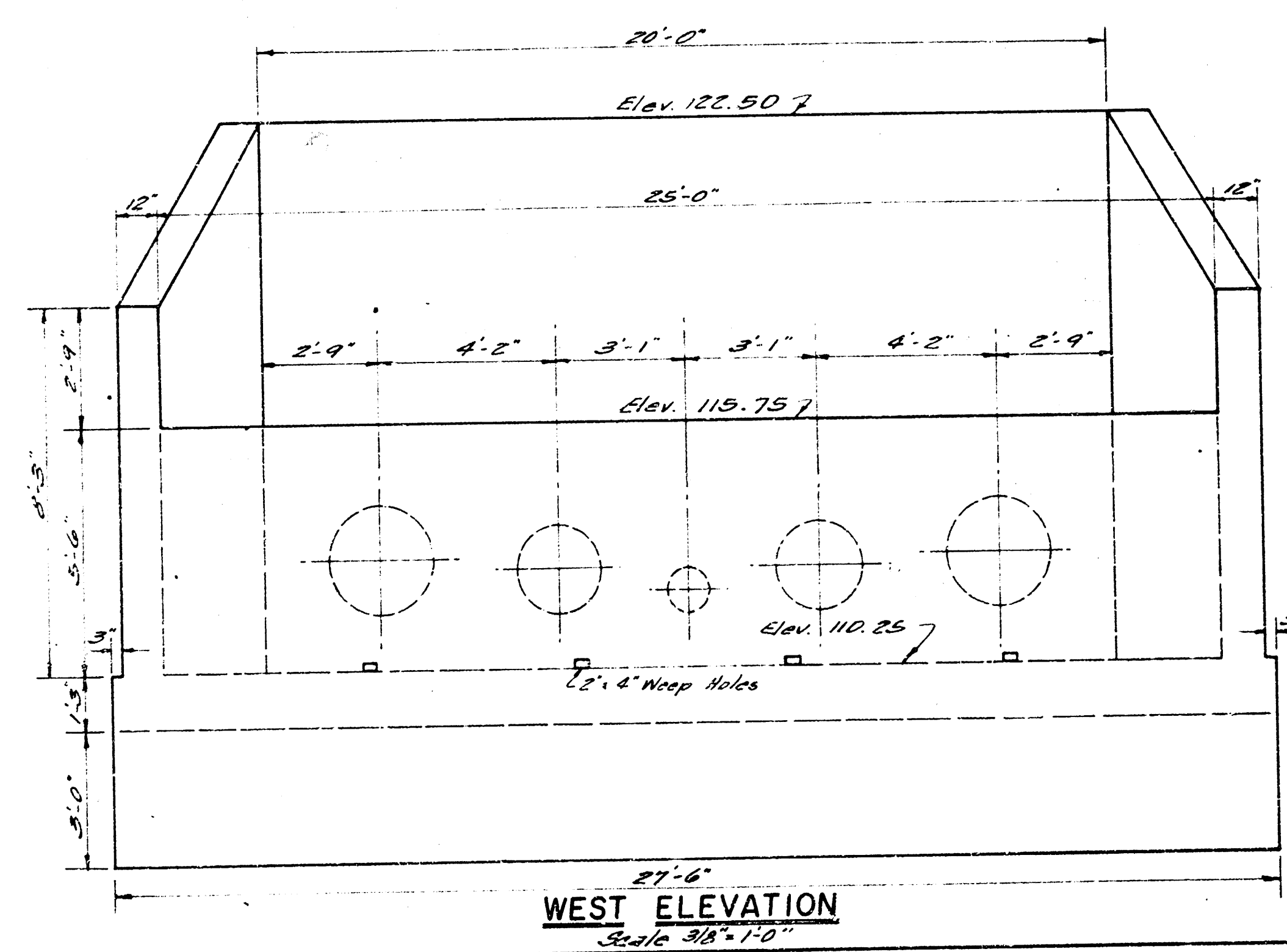


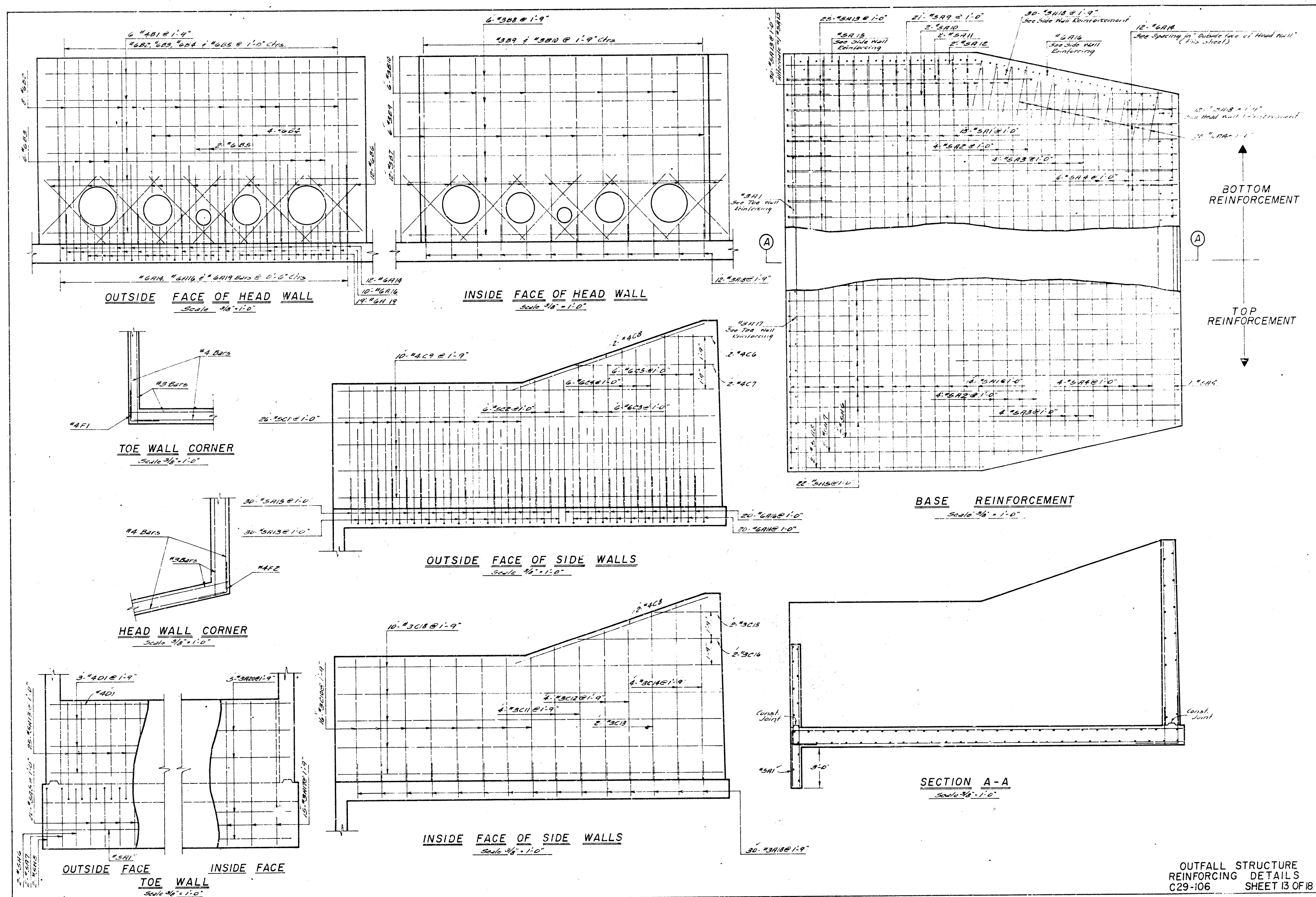


FLAP GATE DETAILS
 No Scale

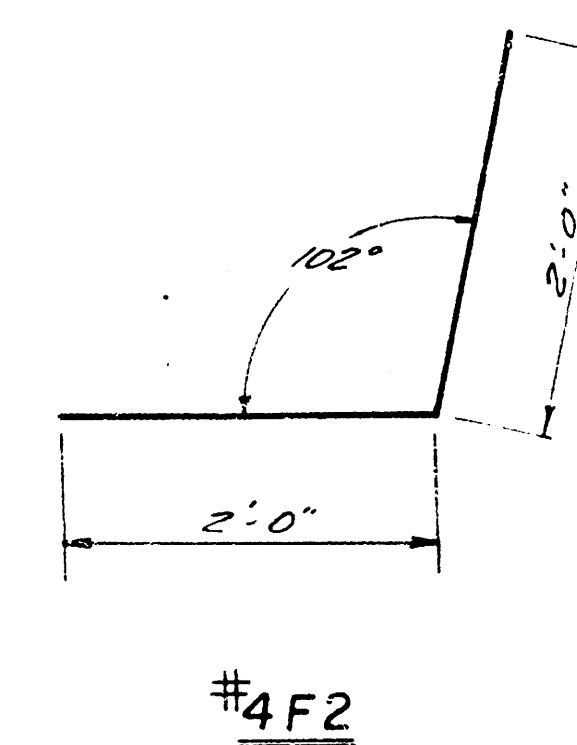
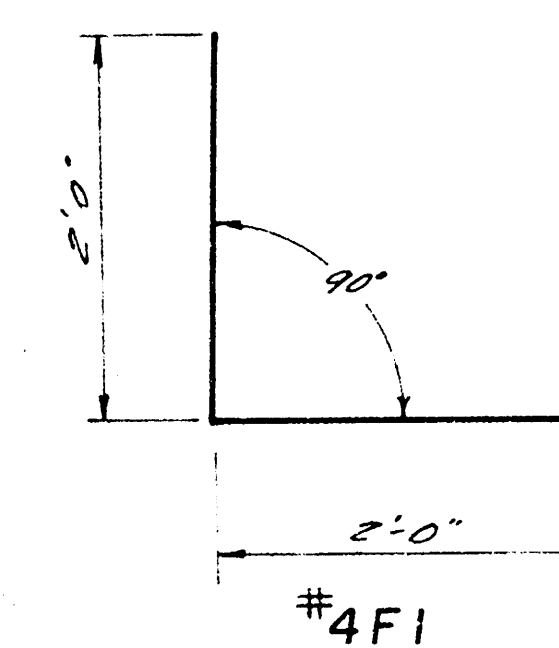
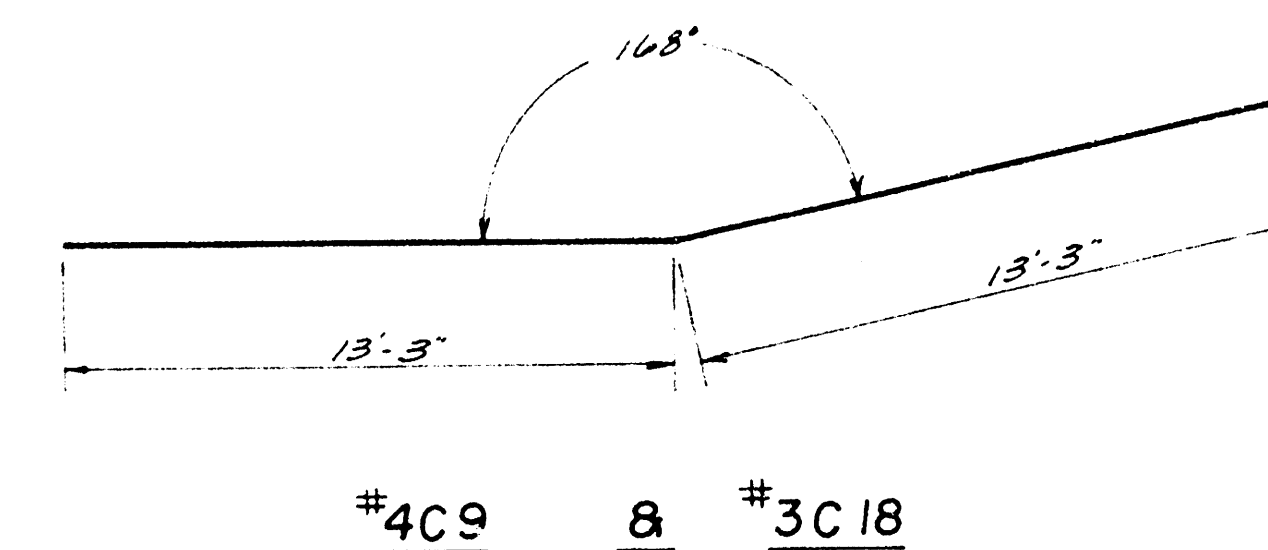
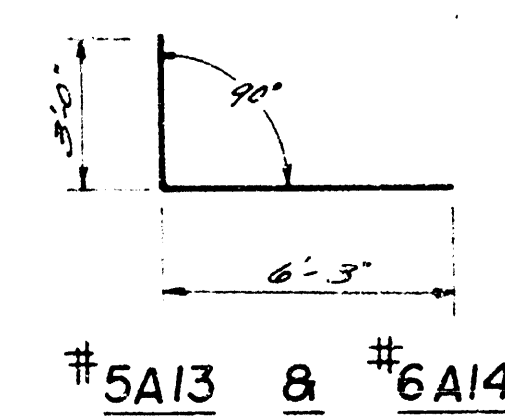
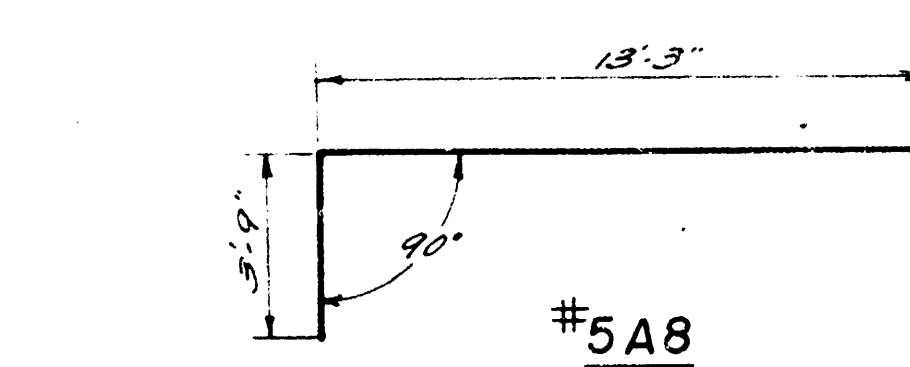
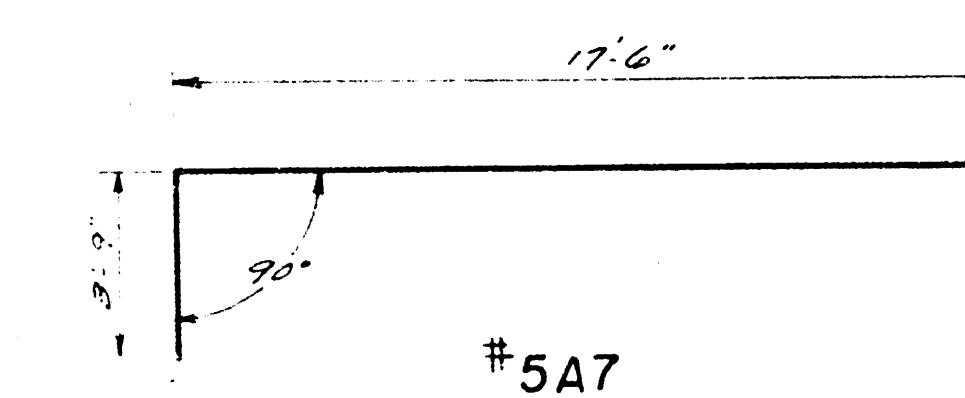
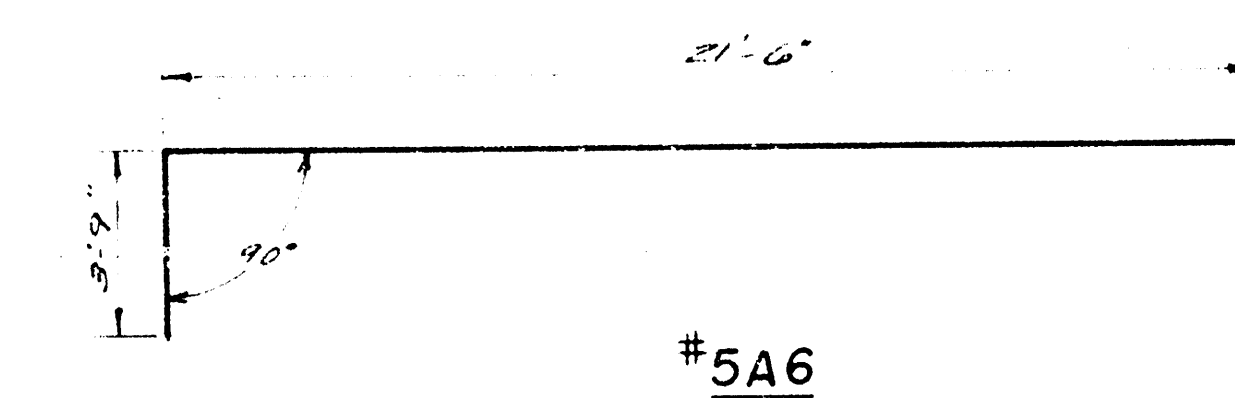
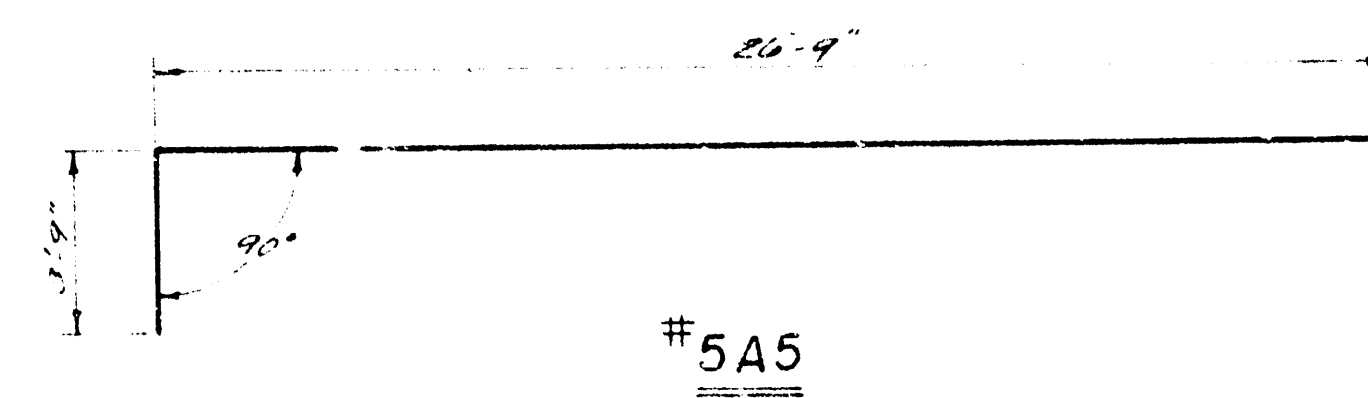


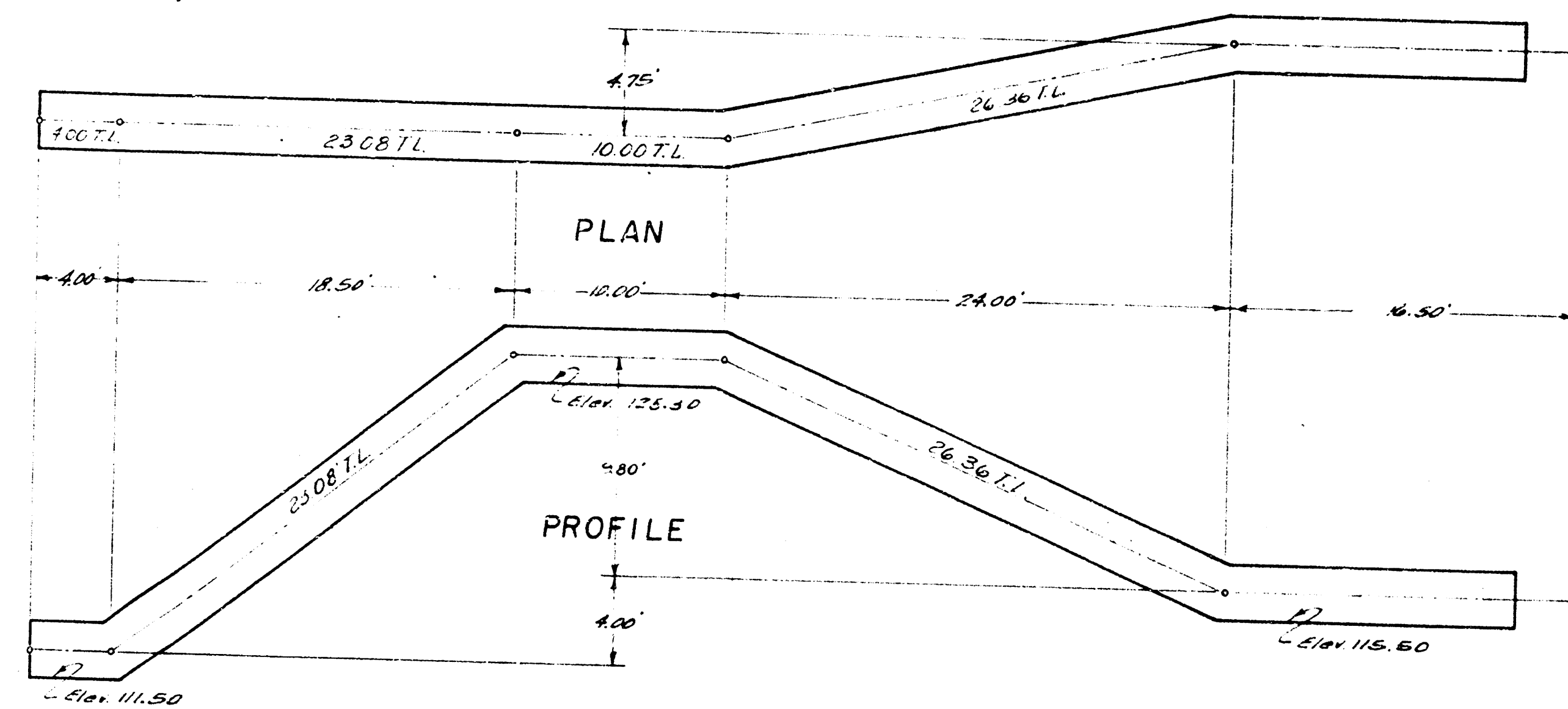
TOP VIEW OF OUTFALL STRUCTURE
 Scale 3/8" = 1'-0"



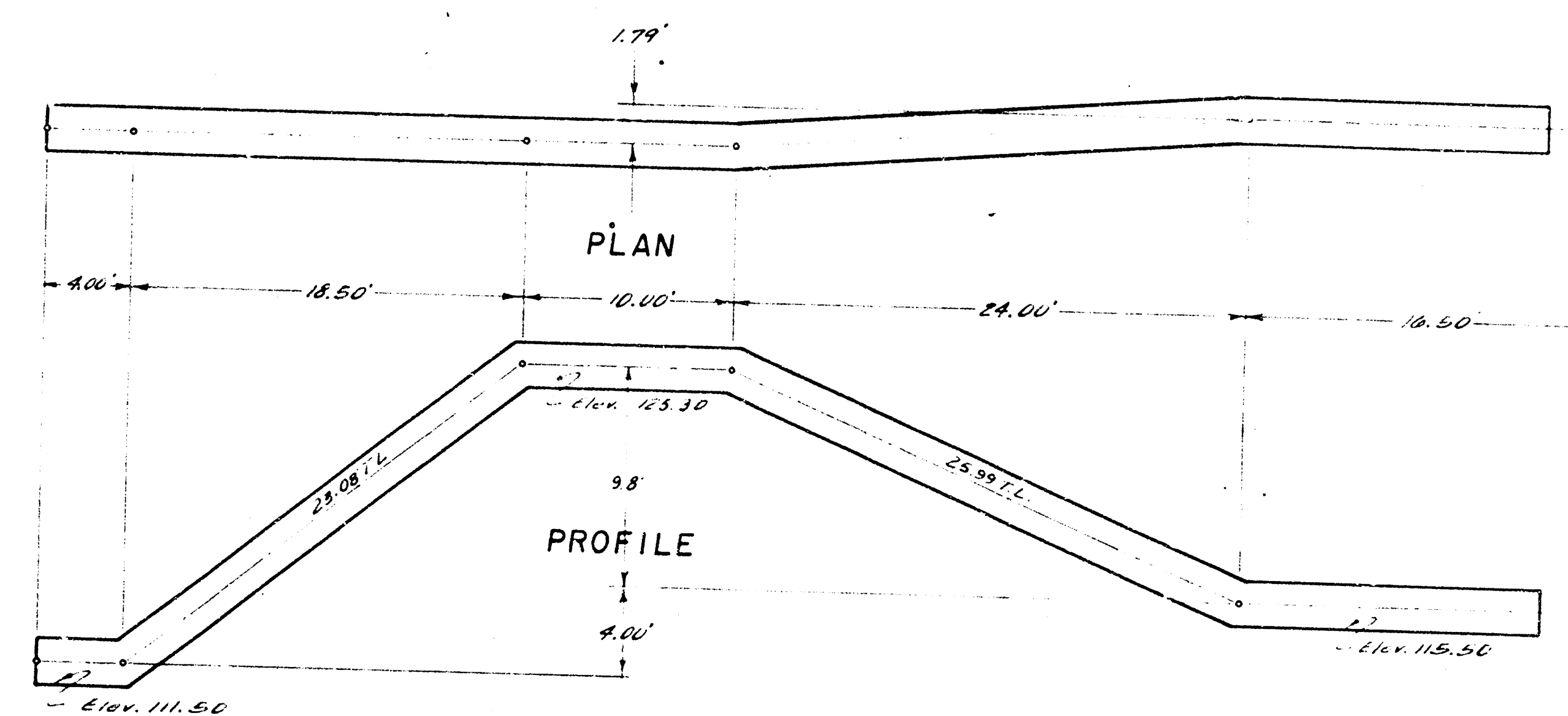


OUTFALL STRUCTURE - BAR SCHEDULE						
BAR NO.	SIZE	LOCATION	LENGTH	QUAN. REQD.	SHAPE	WEIGHT
#5A1	#5	Base & Down	27'-0"	28		789
#5A2	#5	Base	25'-0"	8		213
#5A3	#5	"	24'-0"	8		200
#5A4	#5	"	21'-0"	11		297
#5A5	#5	"	23'-0"	28		700
#5A6	#5	"	26'-3"	2		53
#5A7	#5	"	2'-3"	2		44
#5A8	#5	"	17'-0"	2		36
#5A9	#5	"	26'-9"	21		586
#5A10	#5	"	26'-0"	2		54
#5A11	#5	"	17'-0"	2		36
#5A12	#5	"	8'-0"	2		18
#5A13	#5	"	4'-3"	25		531
#5A14	#5	"	4'-3"	32		446
#5A15	#5	"	3'-0"	30		94
#5A16	#5	"	3'-0"	30		135
#5A17	#5	"	4'-0"	15		54
#5A18	#5	"	2'-3"	42		36
#5A19	#5	"	2'-3"	19		64
#5A20	#5	Top Wall	26'-6"	5		50
#5A1	#5	Head Wall	27'-6"	6		86
#5A2	#5	"	12'-0"	8		144
#5A3	#5	"	8'-3"	6		74
#5A4	#5	"	8'-9"	4		53
#5A5	#5	"	4'-9"	2		29
#5A6	#5	"	6'-3"	12		113
#5A7	#5	"	6'-3"	12		28
#5A8	#5	"	21'-6"	6		49
#5A9	#5	"	12'-0"	6		27
#5A10	#5	"	8'-6"	6		19
#5A11	#5	Side Walls	8'-0"	26		217
#5A12	#5	"	8'-3"	6		52
#5A13	#5	"	9'-0"	6		86
#5A14	#5	"	10'-3"	6		92
#5A15	#5	"	11'-3"	6		101
#5A16	#5	"	3'-0"	2		5
#5A17	#5	"	4'-0"	2		13
#5A18	#5	"	4'-0"	4		57
#5A19	#5	"	26'-6"	10		177
#5A20	#5	"	8'-0"	16		48
#5A21	#5	"	8'-9"	4		13
#5A22	#5	"	4'-9"	4		15
#5A23	#5	"	11'-0"	2		8
#5A24	#5	"	11'-0"	4		17
#5A25	#5	"	4'-3"	2		3
#5A26	#5	"	4'-9"	2		7
#5A27	#5	"	26'-6"	10		180
#5A28	#5	Top Wall	26'-6"	4		71
#5A29	#5	Downers	4'-0"	10		27
#5A30	#5	"	4'-0"	14		37
TOTAL						6131

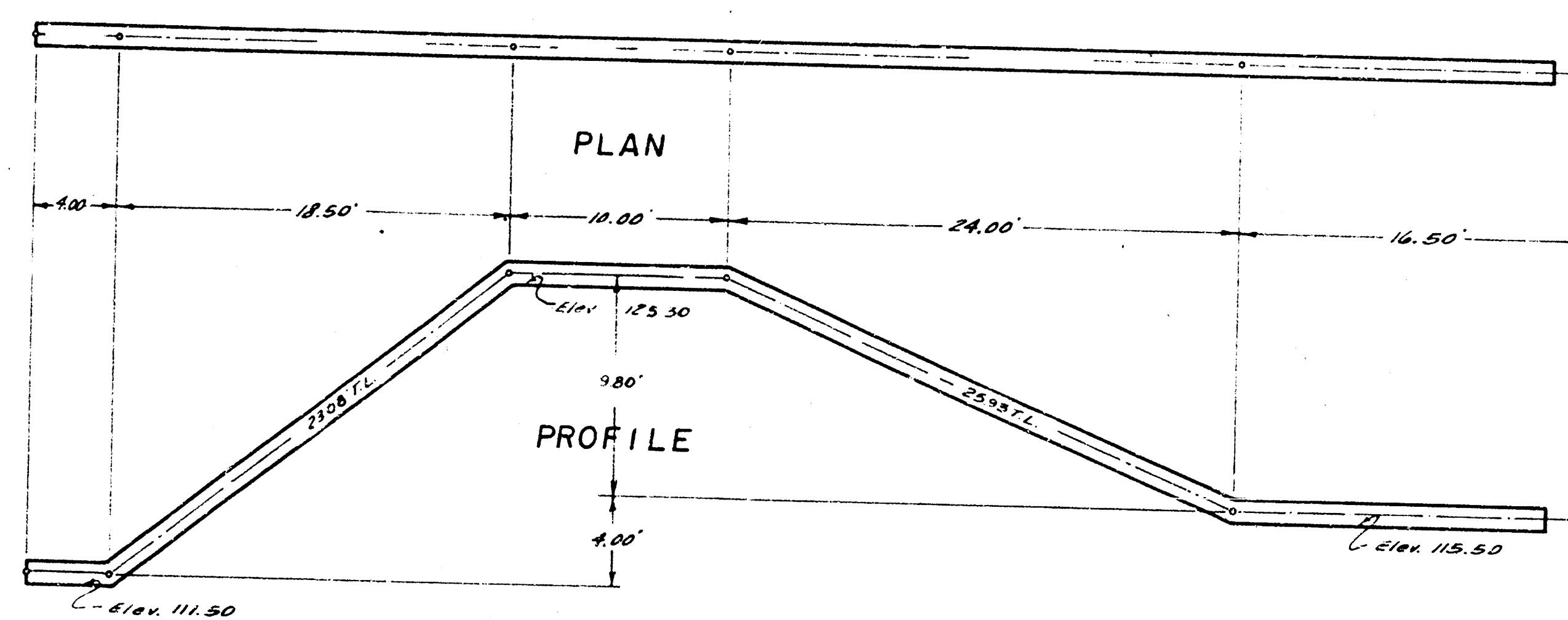




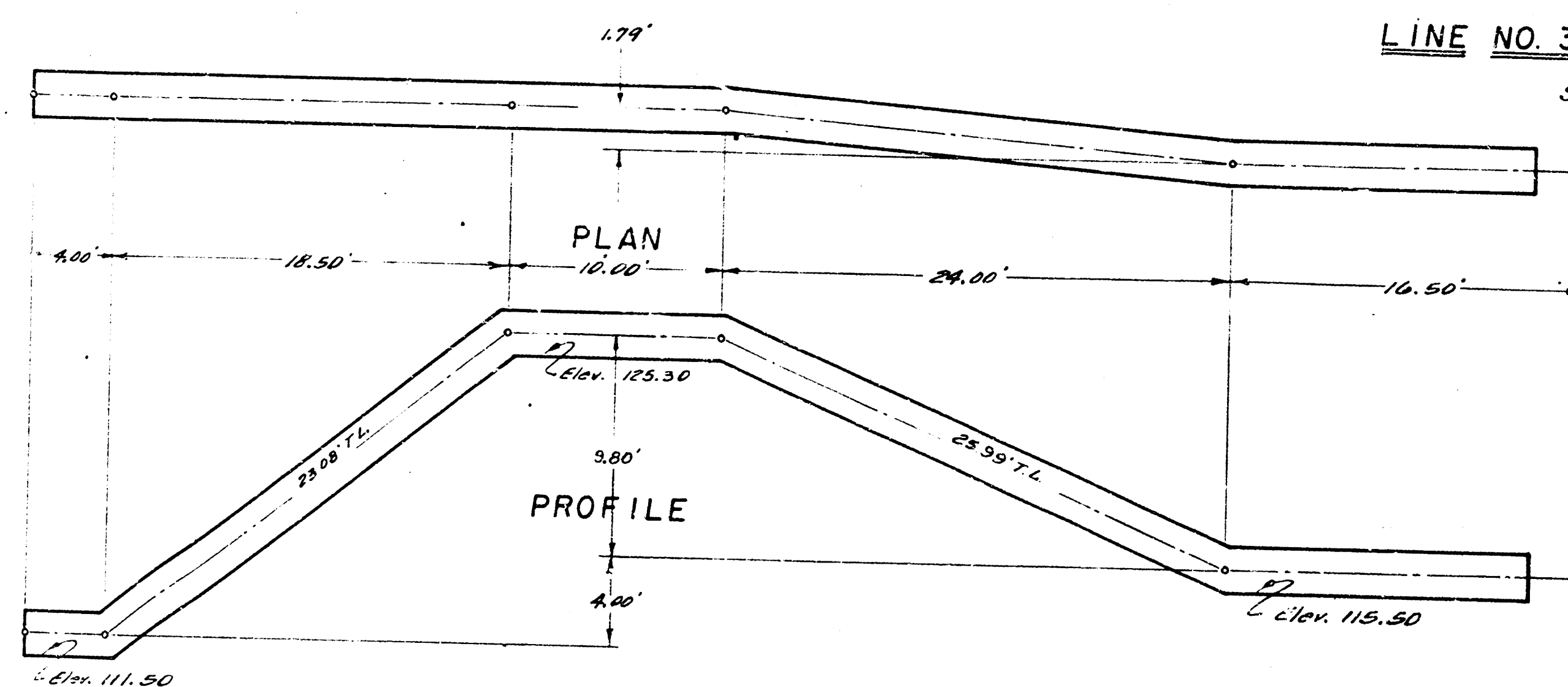
LINE NO. 1 - 30" STEEL PIPE
Scale 3/16" = 1'-0"



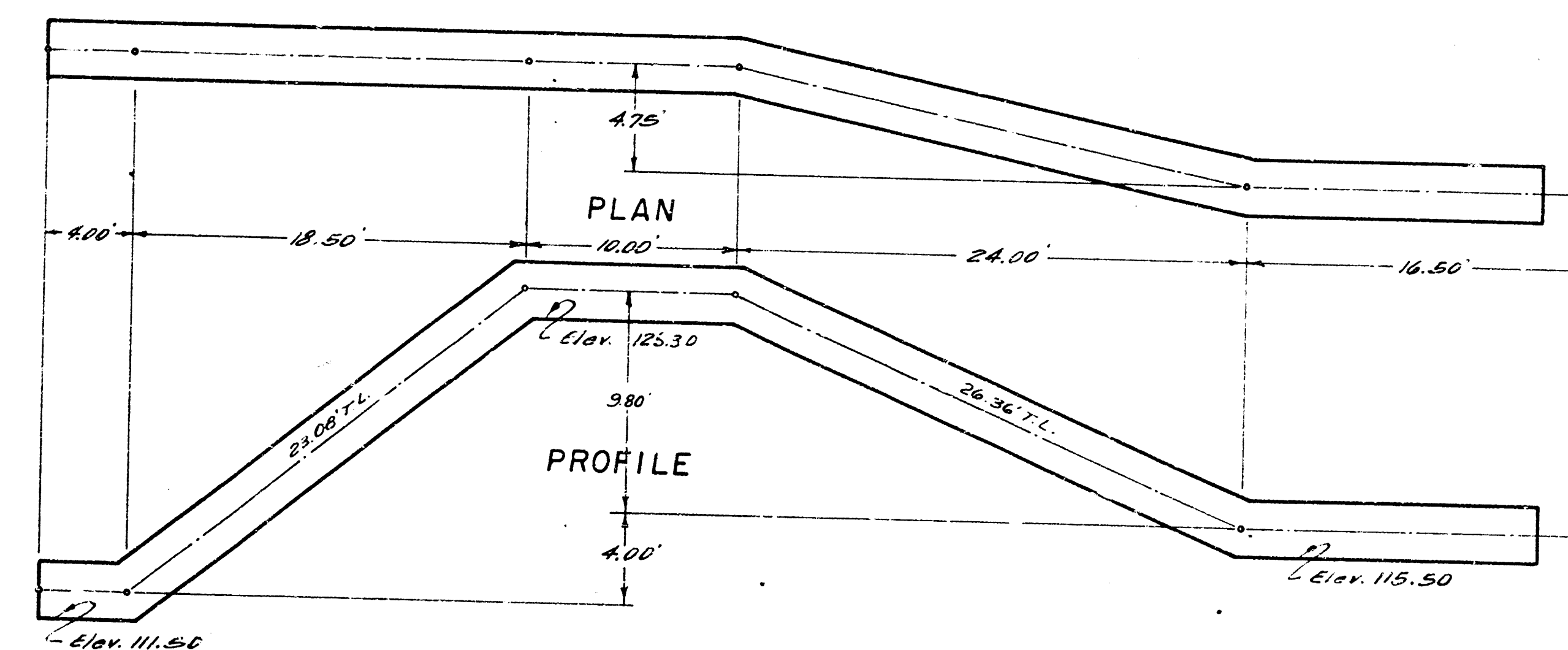
LINE NO. 2 - 24" STEEL PIPE
Scale 3/16" = 1'-0"



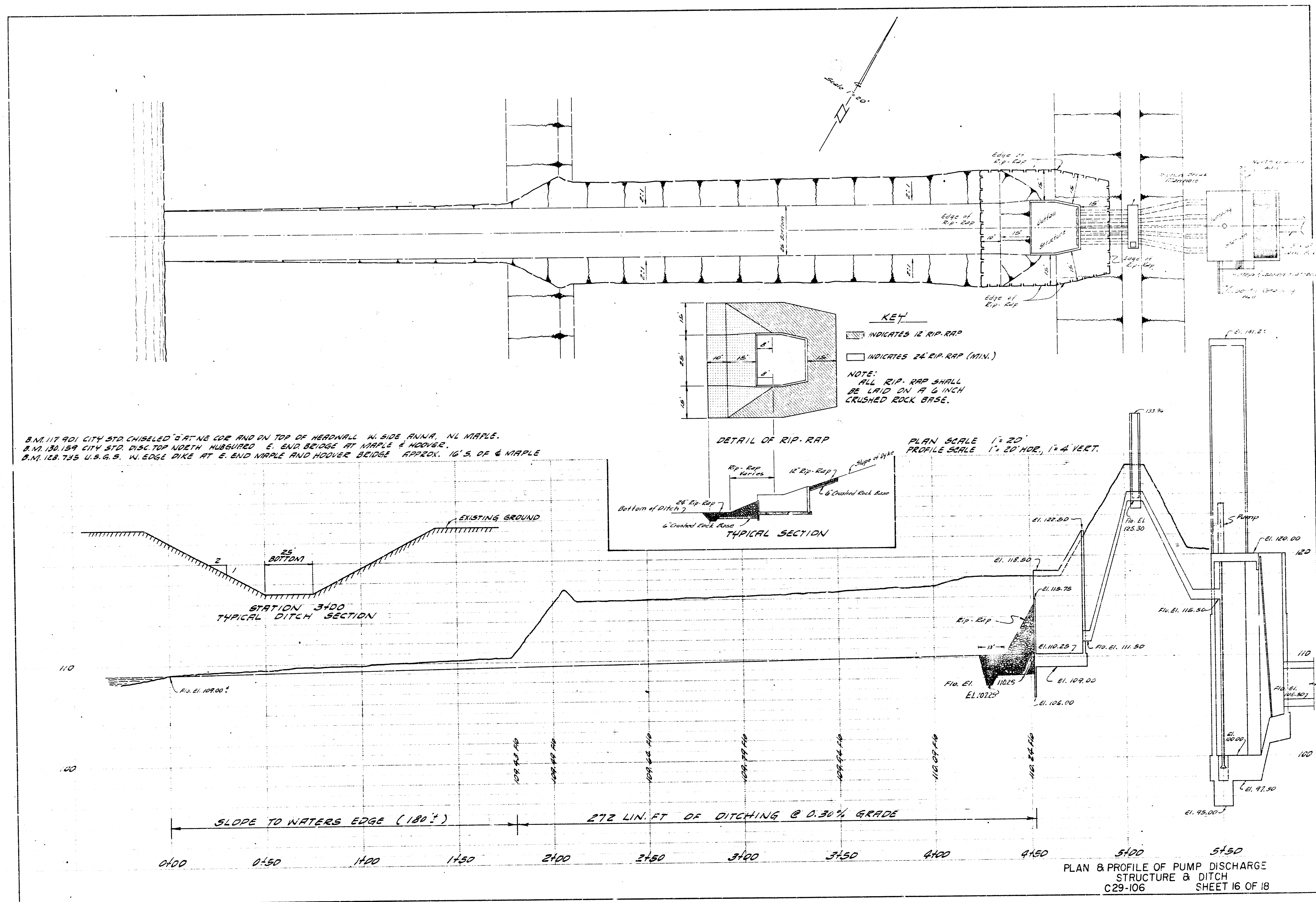
LINE NO. 3 - 12" STEEL PIPE
Scale 3/16" = 1'-0"

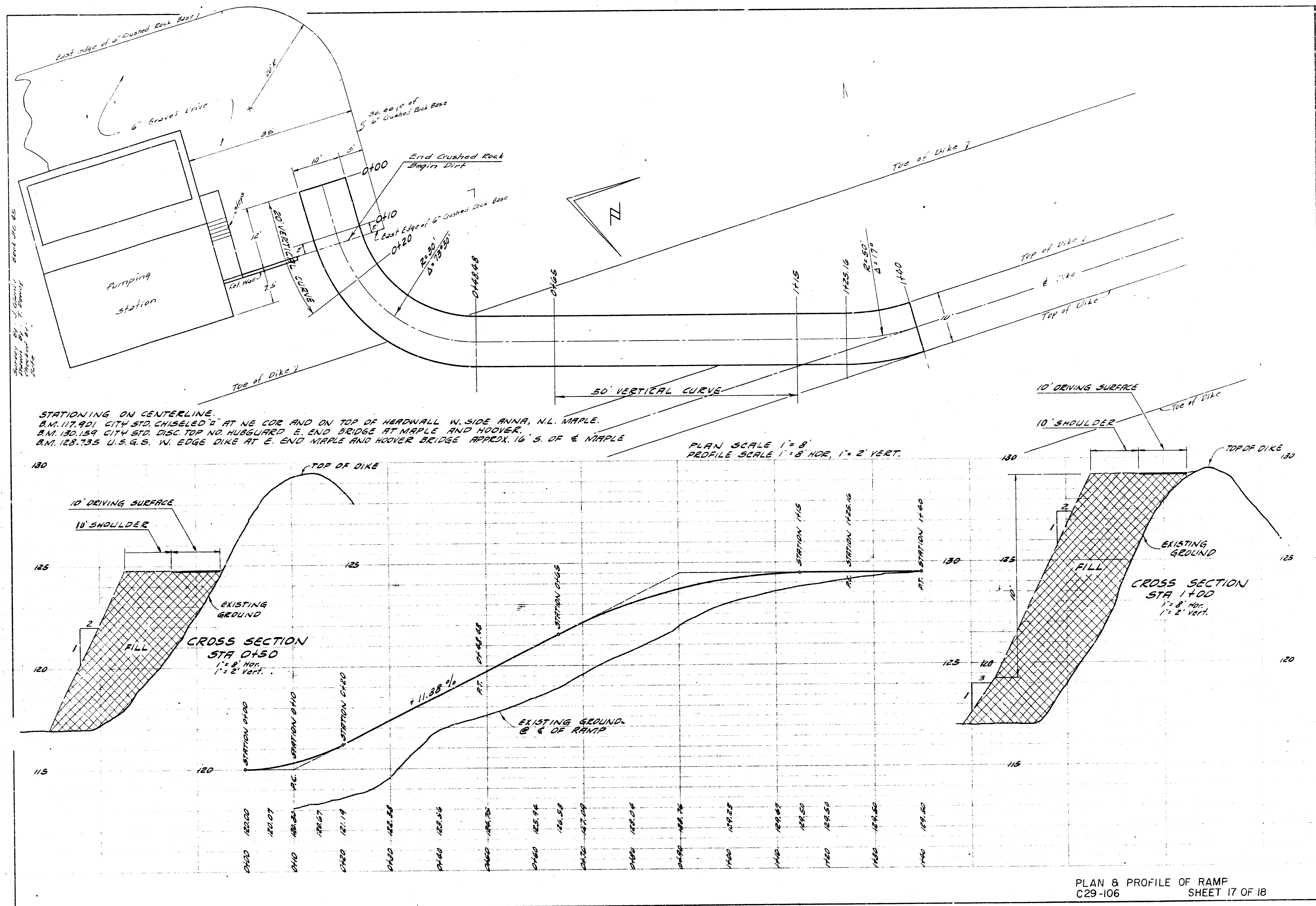


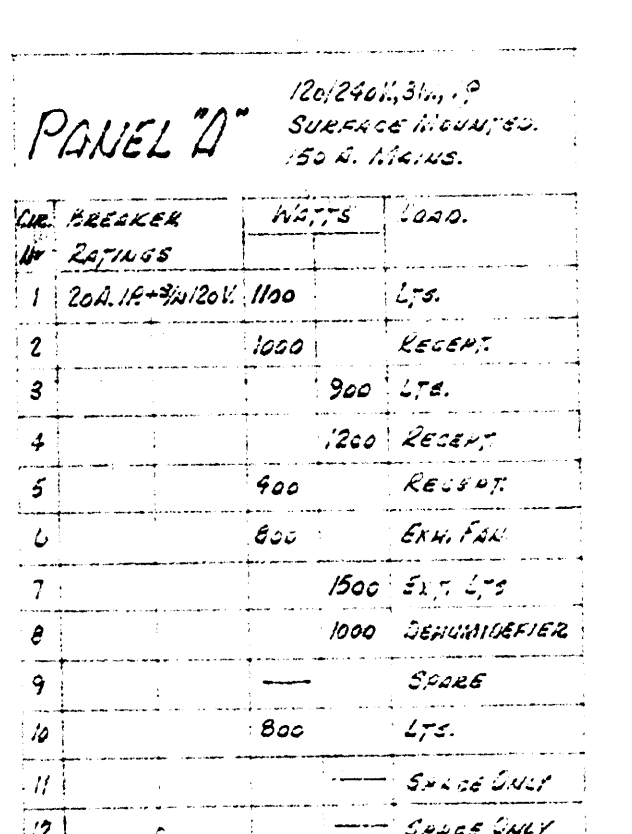
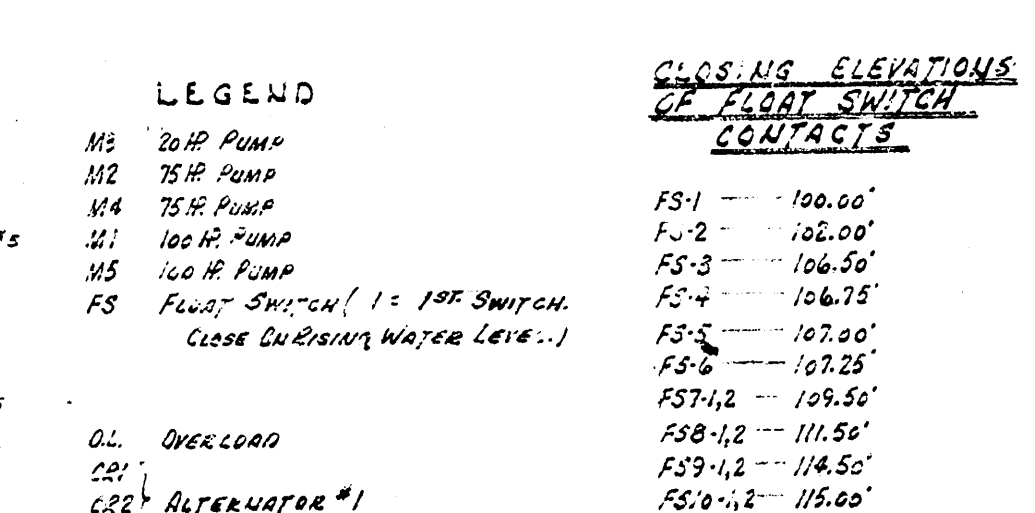
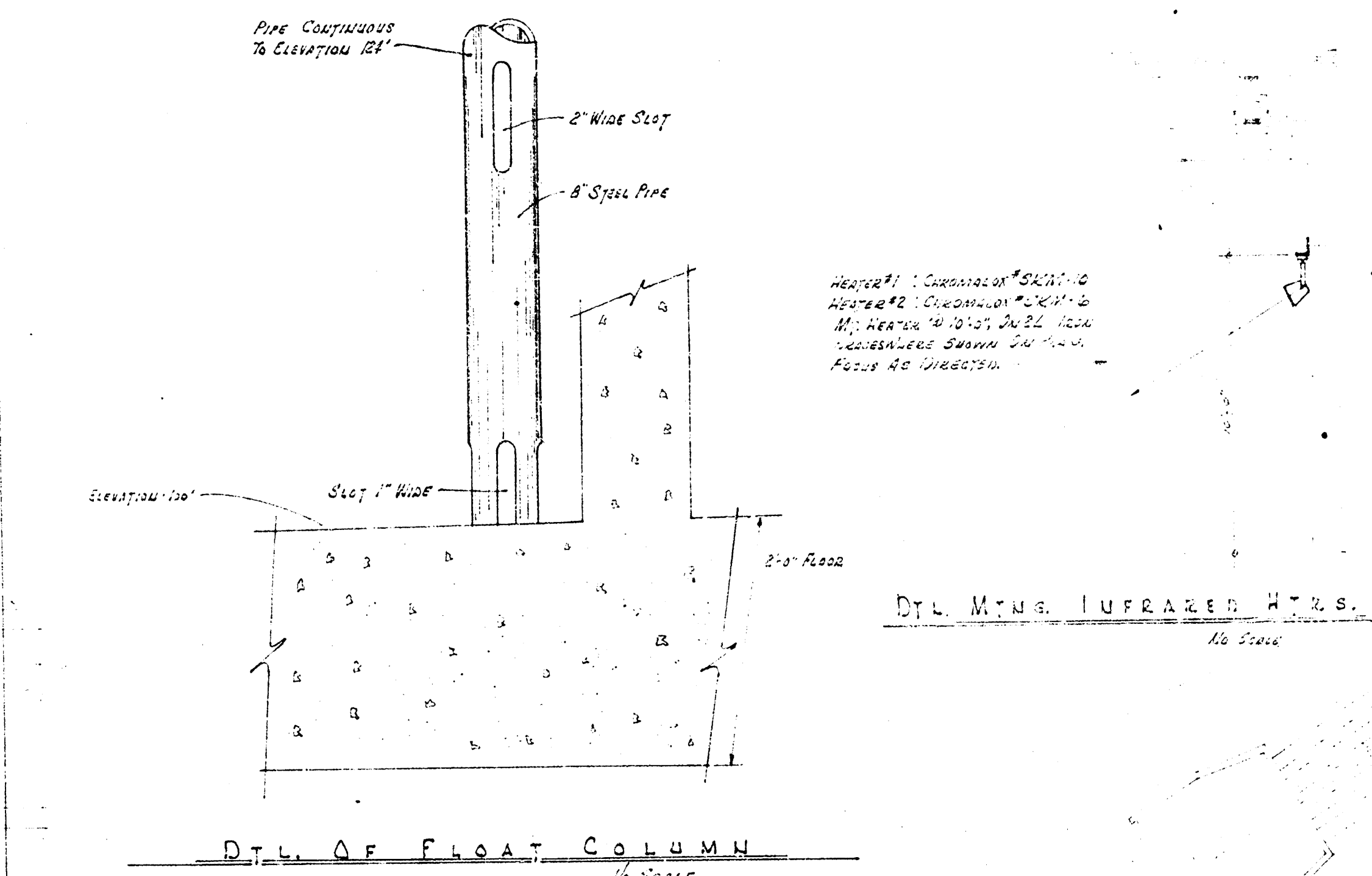
LINE NO. 4 - 24" STEEL PIPE
Scale 3/16" = 1'-0"



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





[illegible]

