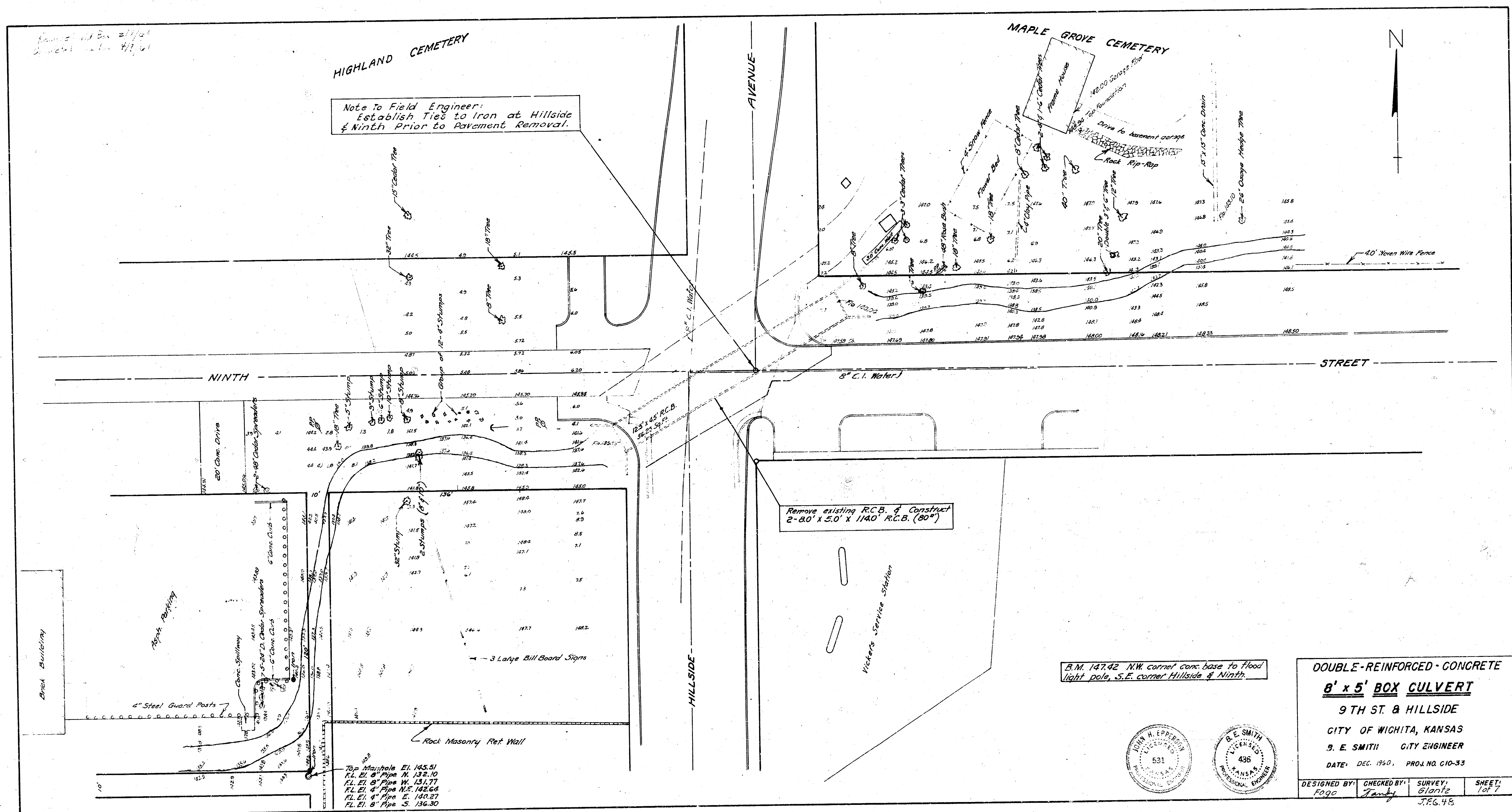
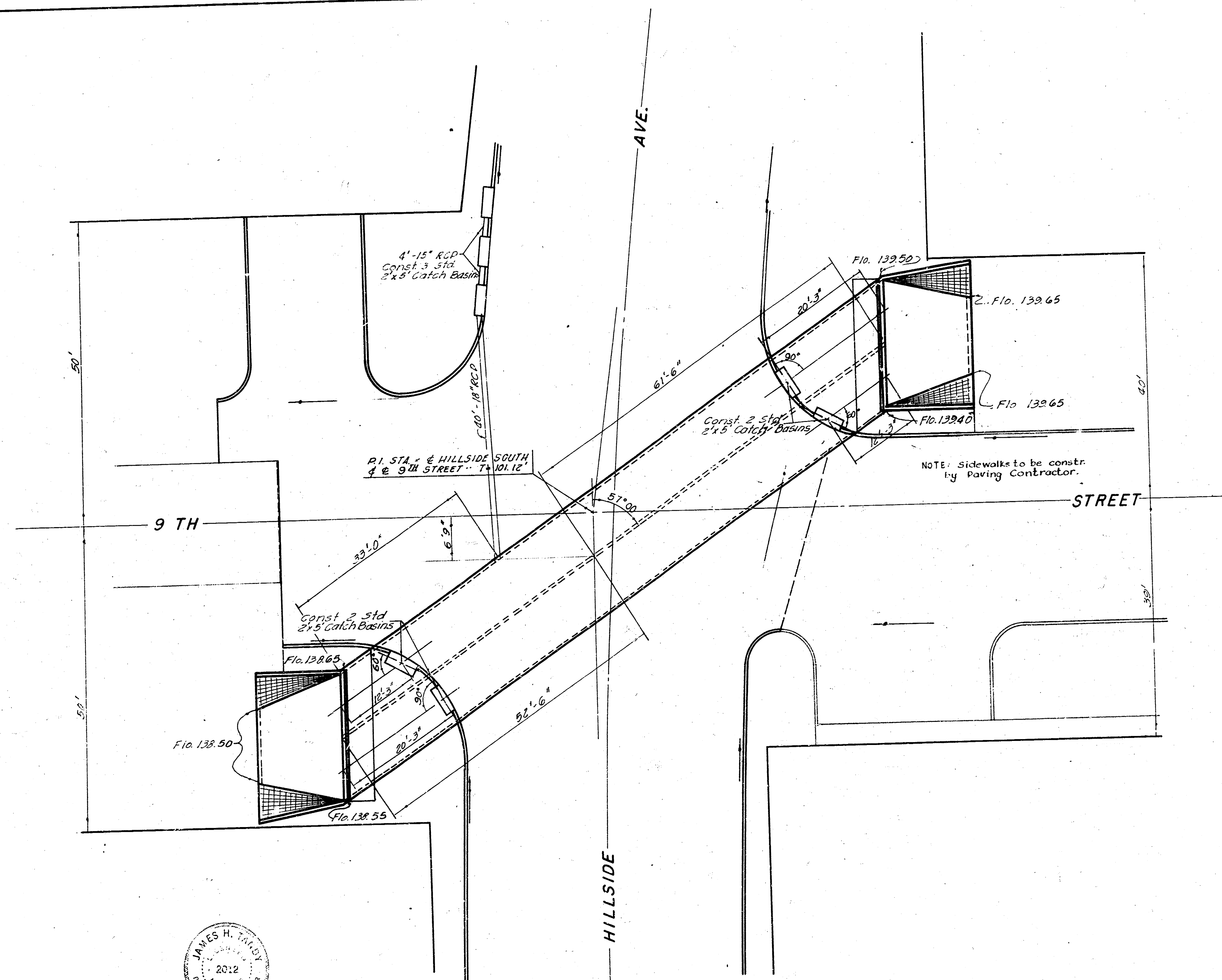




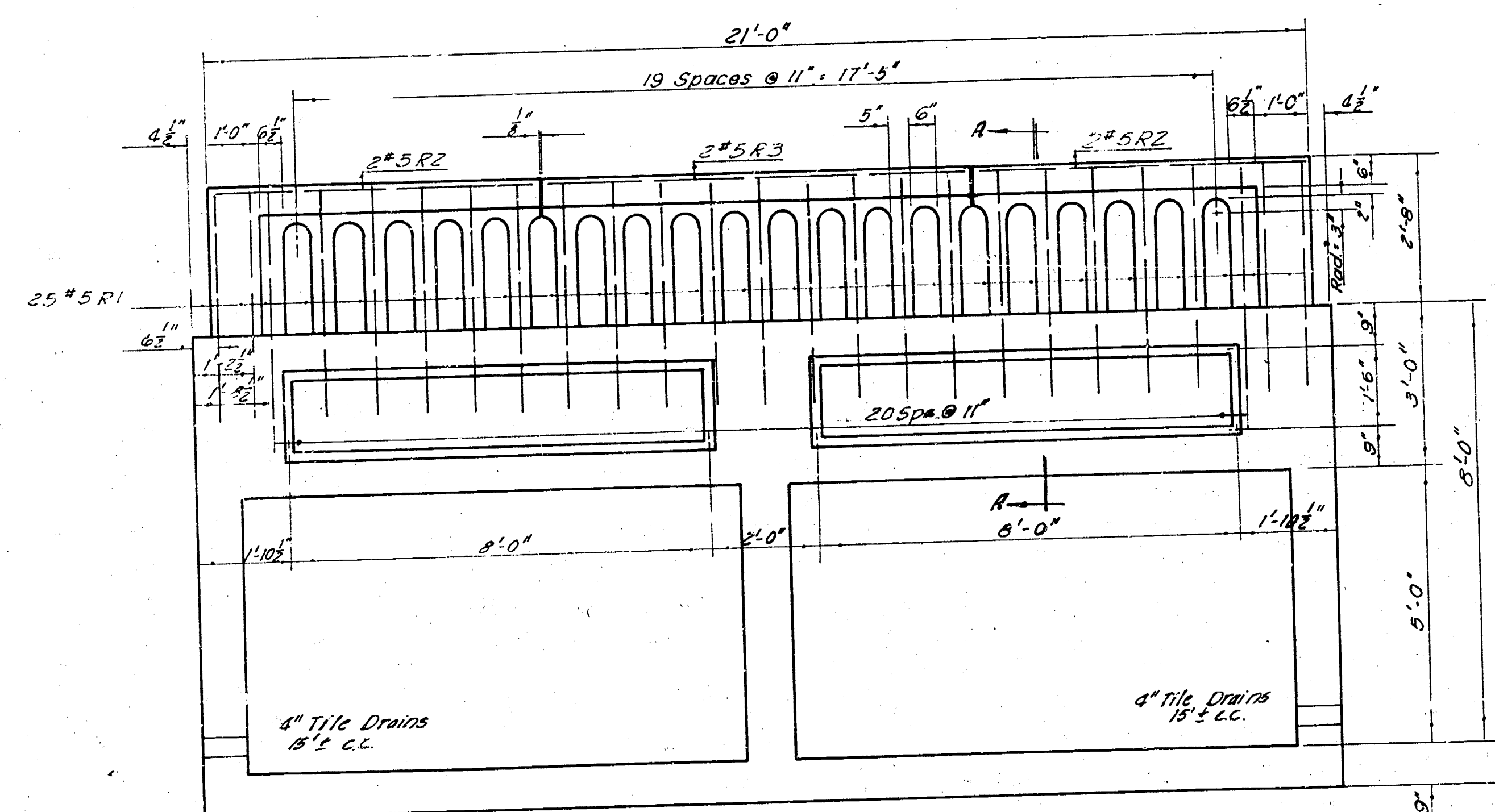


Scale: 1" = 10' 0"

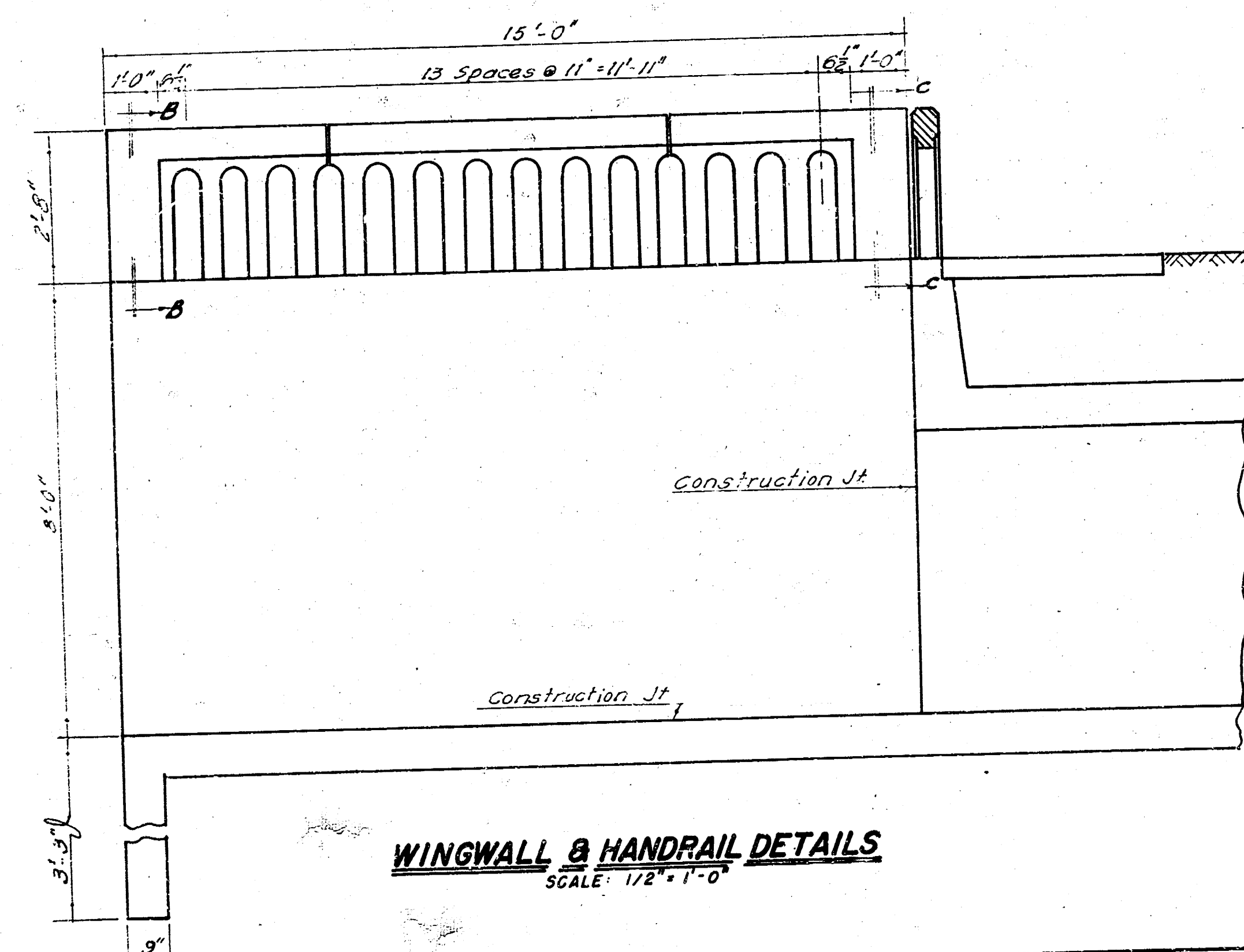
GENERAL NOTES:
 Class A-AE Concrete shall be used throughout.
 Level all exposed edges with a 3" triangular mold.
 Coarse aggregate shall be deposited behind each
 weephole. This work shall not be paid for
 directly but shall be considered subsidiary to Bid Item
 Common Excavation.
 All parts of Concrete Handrail including concrete
 and reinforcing steel shall be included in Bid Item
 Concrete Handrail.
 All reinforcing steel shall conform to ASTM specifica-
 tion A 305-551 for new intermediate grade of Billet Steel.
 Bars of determined section.
 The Contractor shall remove and dispose of the existing
 18" x 45" x 18" box. All materials to be removed from the site
 General Excavation to be extended to each side of box
 and wingwalls. Backfill to be mechanically tamped to top
 of box and wingwalls and to be sand stabilized. Fill on top
 of culvert to be compacted by Pavement Contractor.
 Catch basins to be installed after intersection has been
 paved.

SUMMARY OF QUANTITIES		
TOTAL BID ITEMS	UNITS	ITEM
198.5	CU. YDS.	CLASS A-AE CONCRETE
25,540	LB.	REINFORCING STEEL
72	LIN. FT.	CONCRETE HANDRAIL
710	CU. YDS.	COMMON EXCAVATION
2	CU. YDS.	HAND EXCAVATION
7	EA.	CATCH BASINS
40	LIN. FT.	18" RCP
8	LIN. FT.	15" RCP
400	SQ. YDS.	BRICK PAVING REM.
214	CU. YDS.	COMPACTED FILL
1	EA.	SMALL TREE
1	LUMP SUM	REM. OF EXIST. RCP

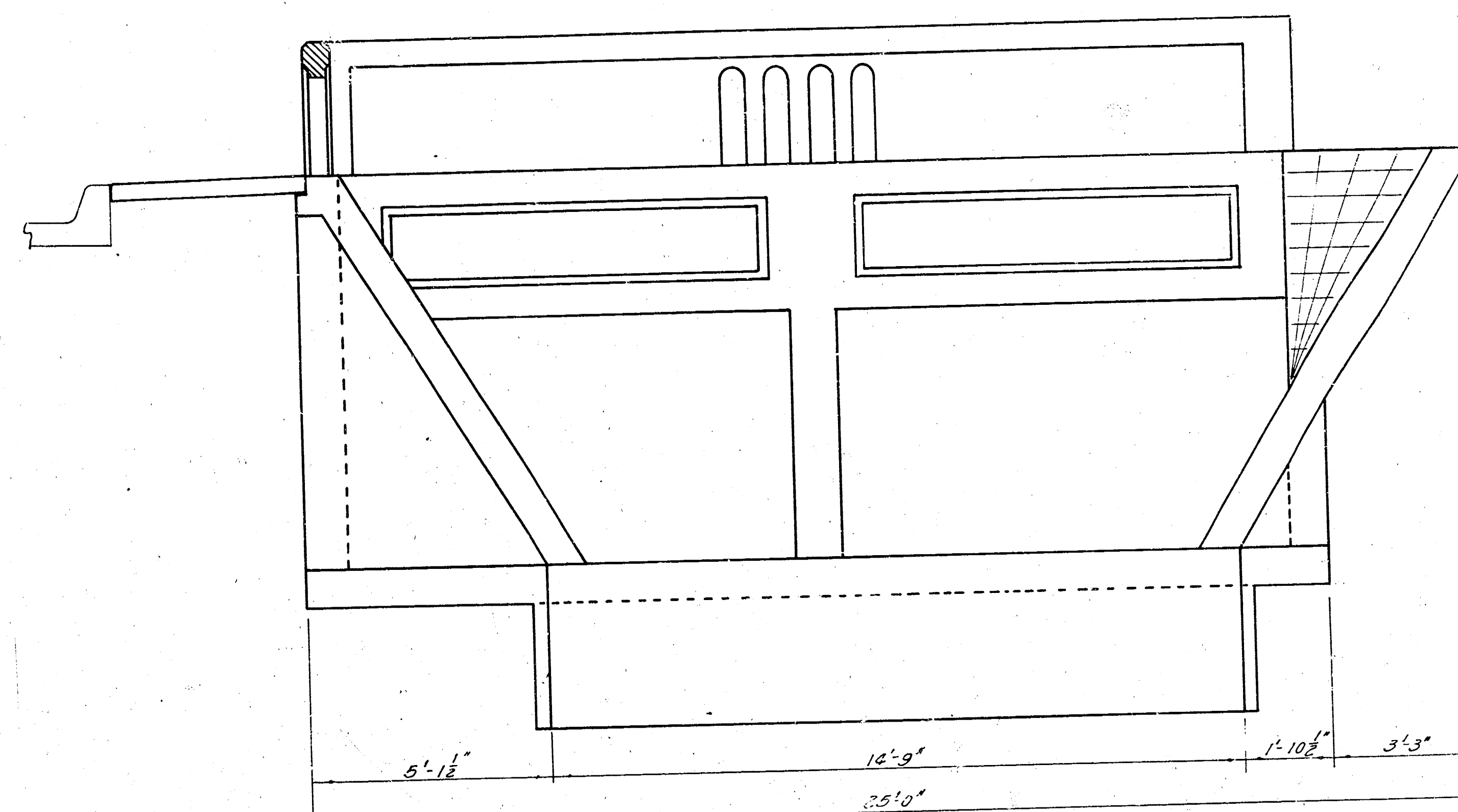




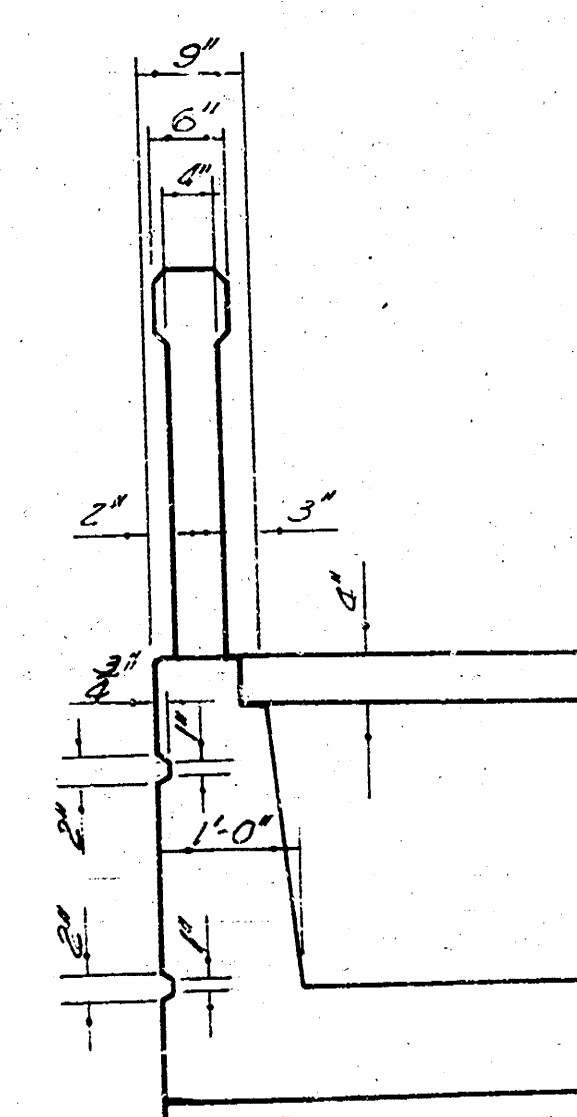
PARAPET FACE & HANDRAIL DETAILS
SCALE: 1/2" = 1'-0"



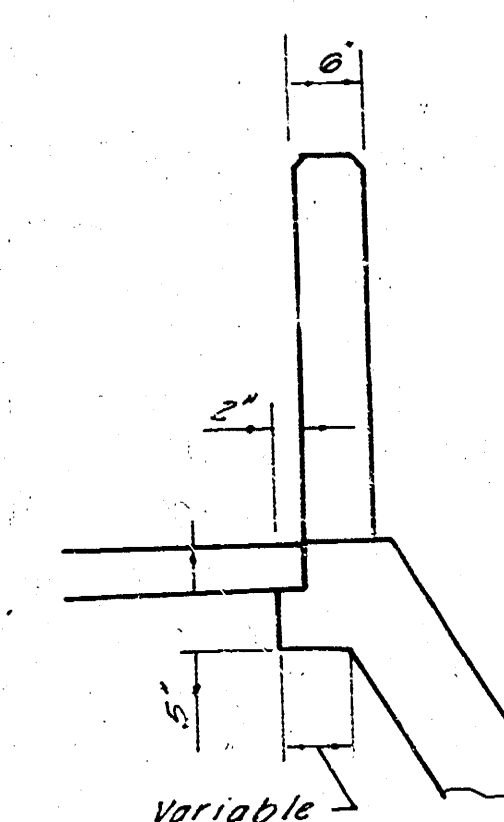
WINGWALL & HANDRAIL DETAILS
SCALE: 1/2" = 1'-0"



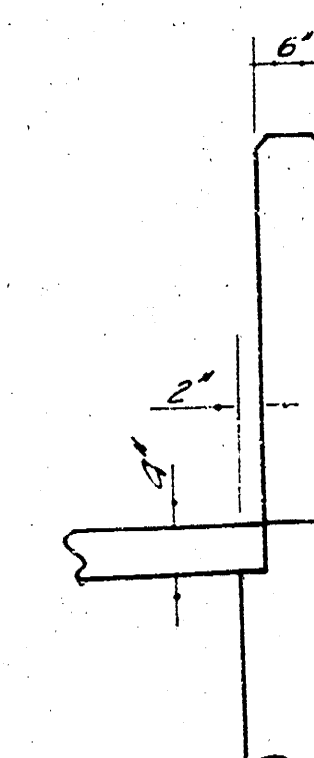
END ELEVATION
SCALE: 1/2" = 1'-0"



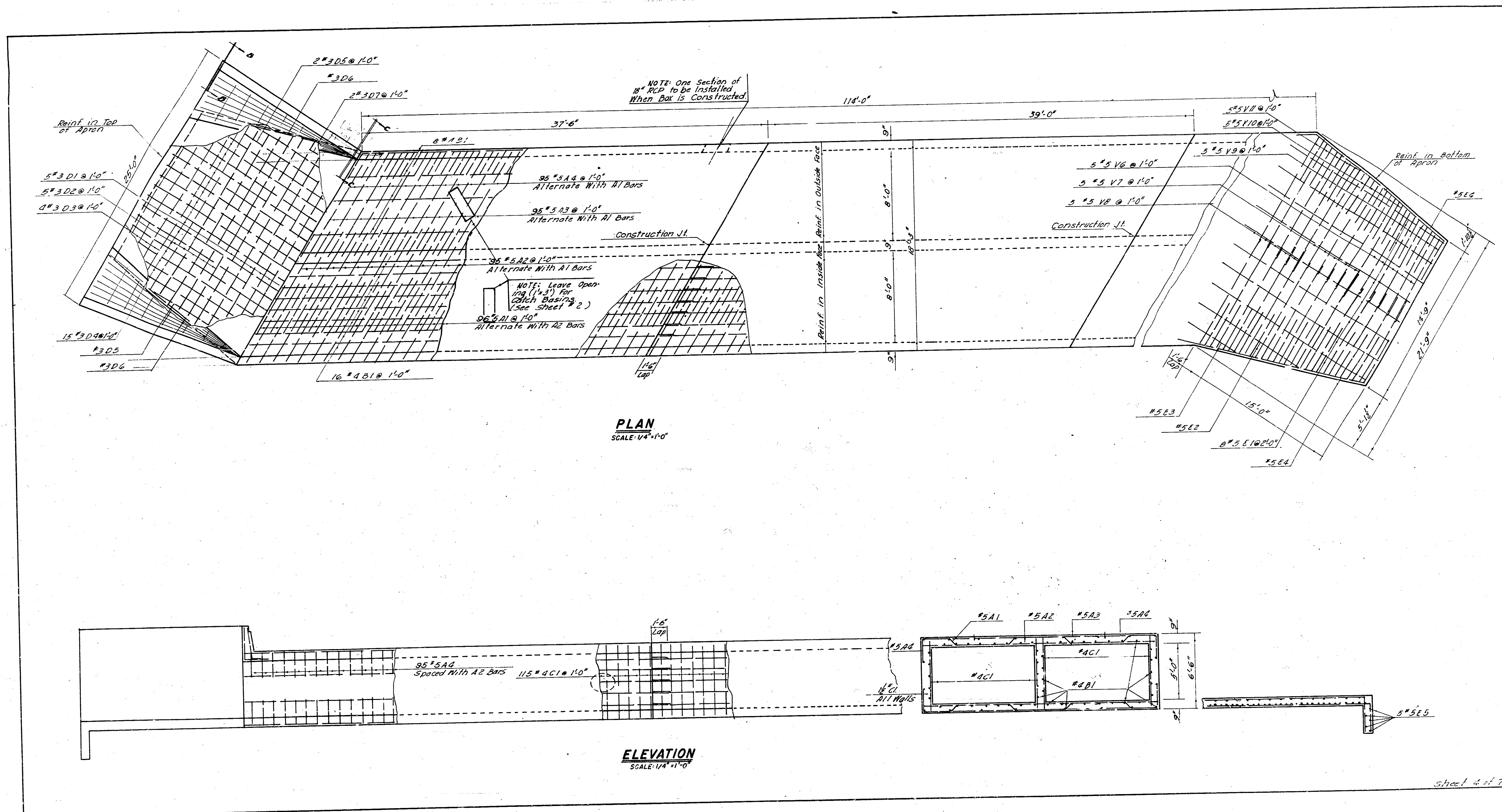
SECTION A-A
SCALE: 3/4" = 1'-0"

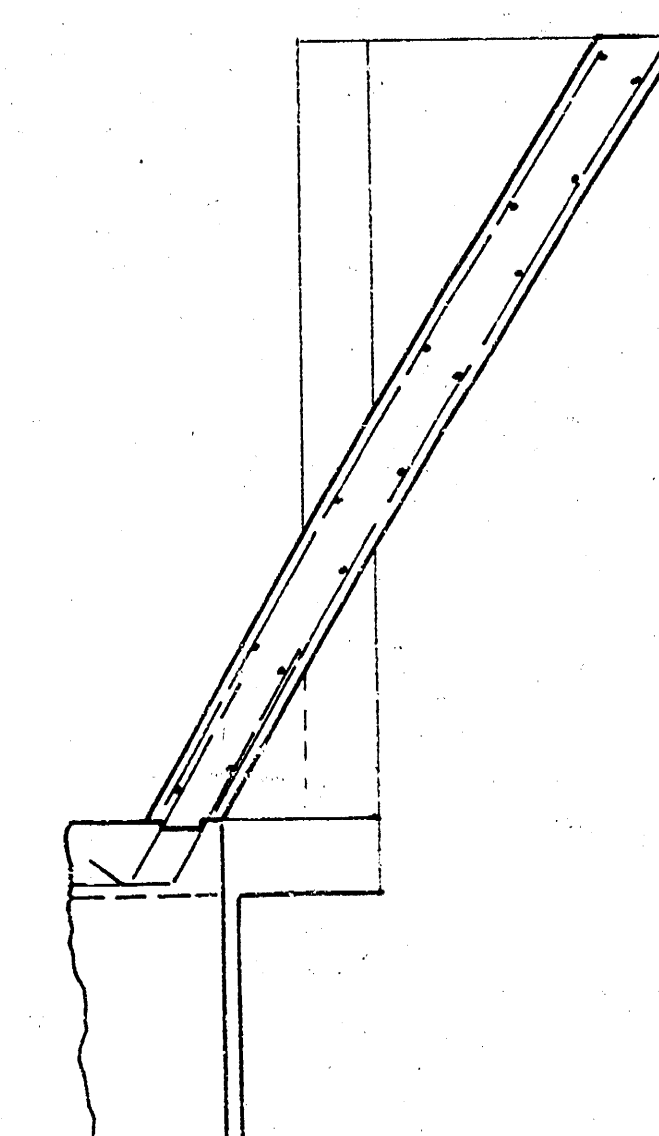
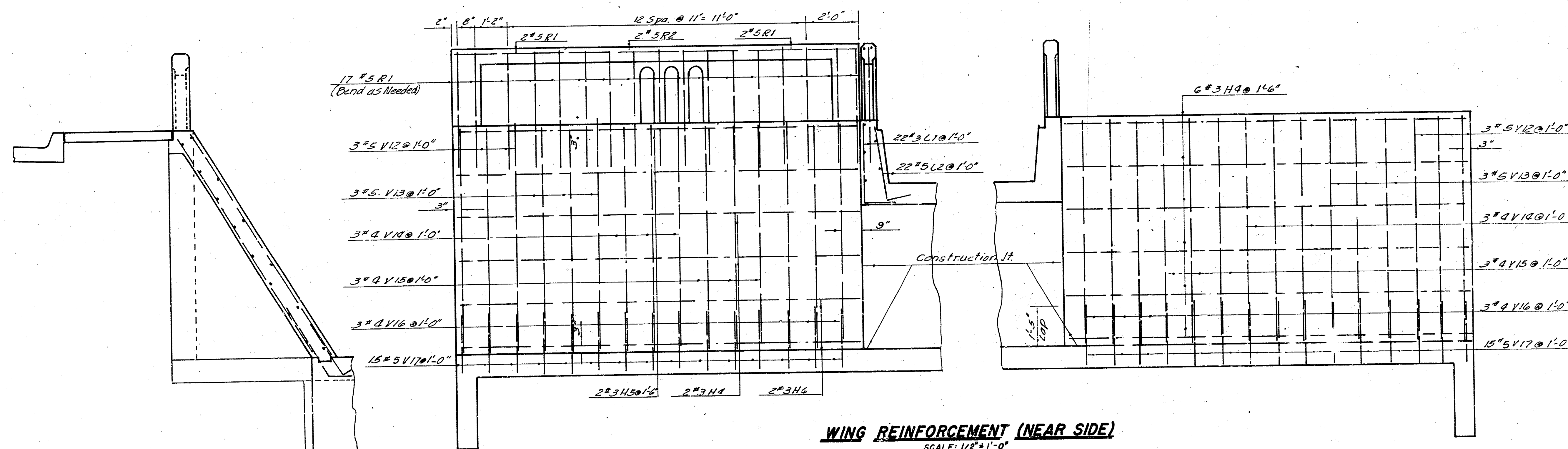
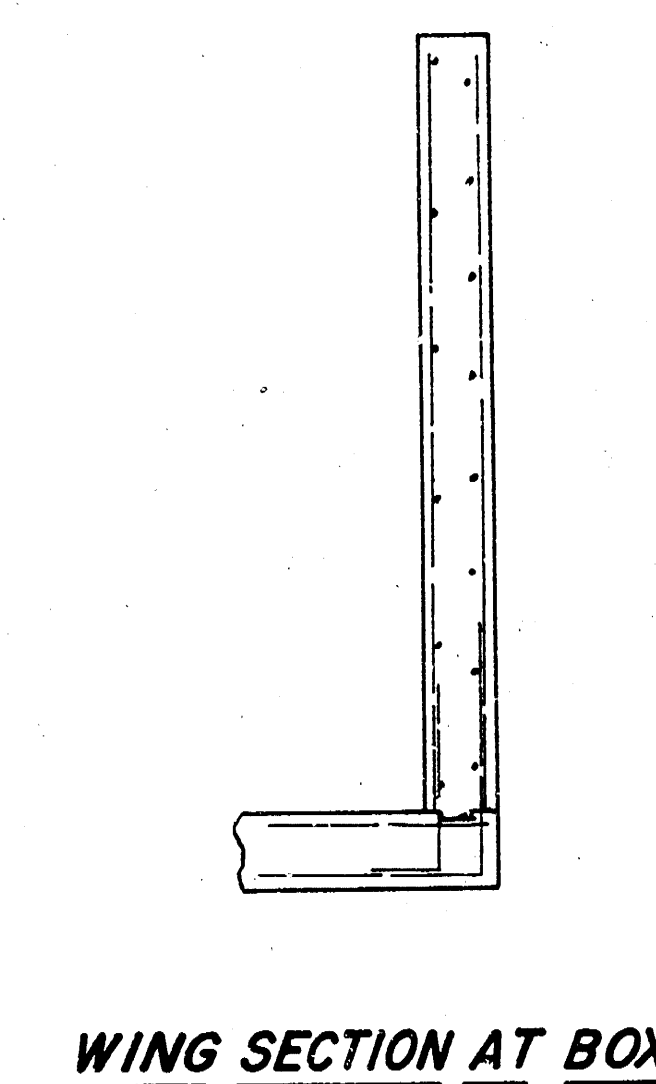
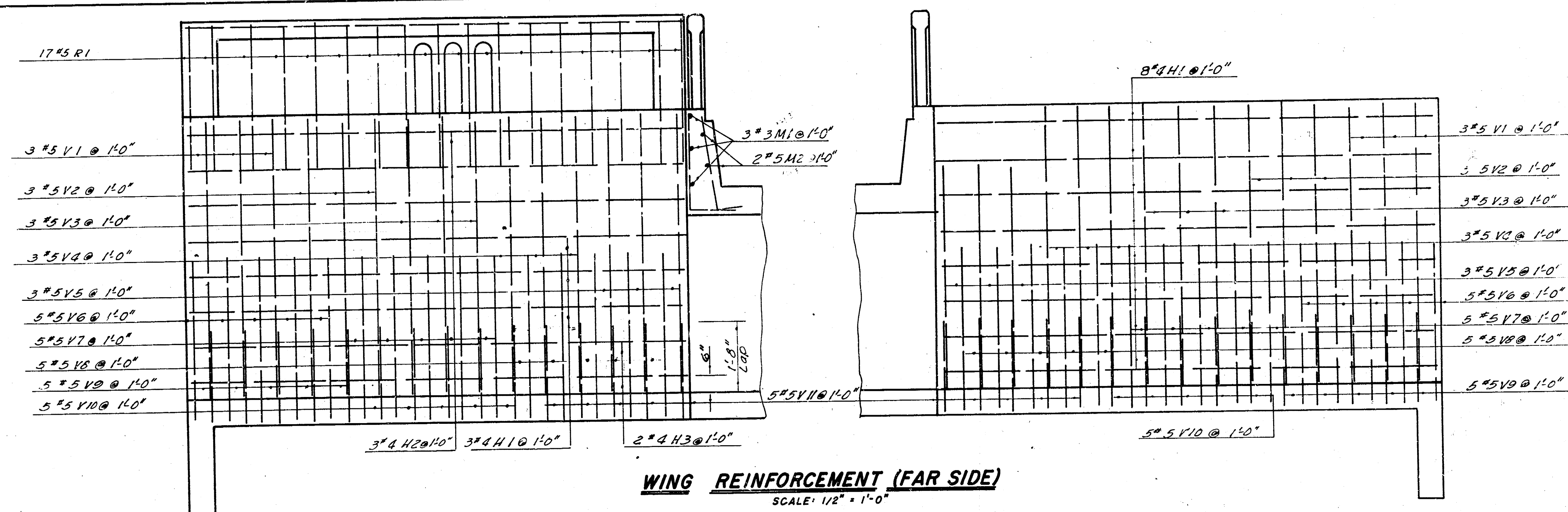


SECTION B-B
SCALE: 3/4" = 1'-0"

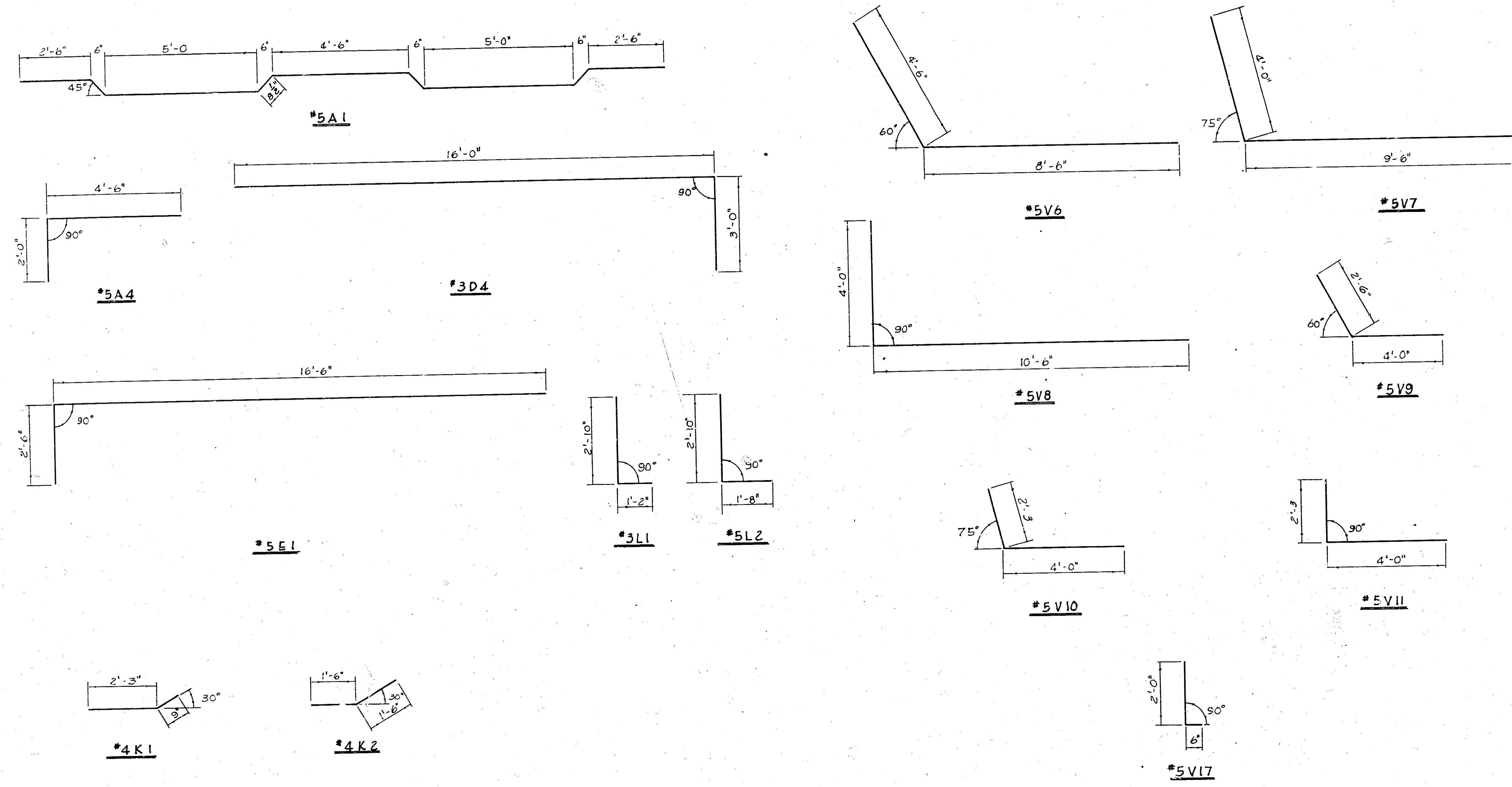


SECTION C-C
SCALE: 3/4" = 1'-0"





Step 2 of 7



BAR SCHEDULE						
BAR	SIZE	LOCATION	LENGTH	NUMBER	SHAPE	WEIGHT
A1	#5	SLAB	22'-4"	132		4472
A2	#5	"	21'-4"	190		4228
A3	#5	"	12'-0"	190		2378
A4	#5	SLAB & WALL	6'-6"	380		2576
B1	#4	"	39'-0"	213		5549
C1	#4	WALL	6'-3"	460		1921
D1	#3	APRON	19'-6"	10		73
D2	#3	"	17'-0"	10		64
D3	#3	"	15'-6"	8		47
D4	#3	"	19'-0"	30		214
D5	#3	"	12'-0"	6		27
D6	#3	"	17'-0"	4		26
D7	#3	"	5'-6"	4		8
E1	#5	"	19'-0"	16		317
E2	#5	"	11'-0"	2		23
E3	#5	"	5'-0"	2		10
E4	#5	"	17'-0"	4		71
E5	#5	"	14'-6"	10		151
H1	#4	WINGWALL	15'-0"	22		220
H2	#4	"	14'-9"	6		59
H3	#4	"	15'-6"	4		41
H4	#3	"	15'-0"	16		90
H5	#3	"	14'-9"	4		22
H6	#3	"	15'-6"	4		23
K1	#4	WALL & WINGWALL	3'-0"	64		128
K2	#4	"	3'-0"	32		64
L1	#3	HUBGUARD	4'-0"	44		66
L2	#5	"	4'-6"	44		207
M1	#3	"	21'-3"	6		48
M2	#5	"	21'-3"	4		89
R1	#5	HANDRAIL	4'-0"	32		384
R2	#5	"	6'-0"	12		75
R3	#5	"	6'-0"	4		33
V1	#5	WINGWALL	8'-6"	12		110
V2	#5	"	8'-6"	12		106
V3	#5	"	8'-3"	12		103
V4	#5	"	8'-0"	12		100
V5	#5	"	7'-9"	12		97
V6	#5	WINGWALL & APRON	13'-0"	20		271
V7	#5	"	13'-6"	20		282
V8	#5	"	14'-6"	20		302
V9	#5	"	6'-6"	20		136
V10	#5	"	6'-3"	20		130
V11	#5	"	6'-3"	20		130
V12	#5	WINGWALL	8'-9"	12		110
V13	#5	"	8'-6"	12		106
V14	#4	"	8'-3"	12		103
V15	#4	"	8'-0"	12		100
V16	#4	"	7'-9"	12		97
V17	#5	WINGWALL & APRON	2'-6"	60		156