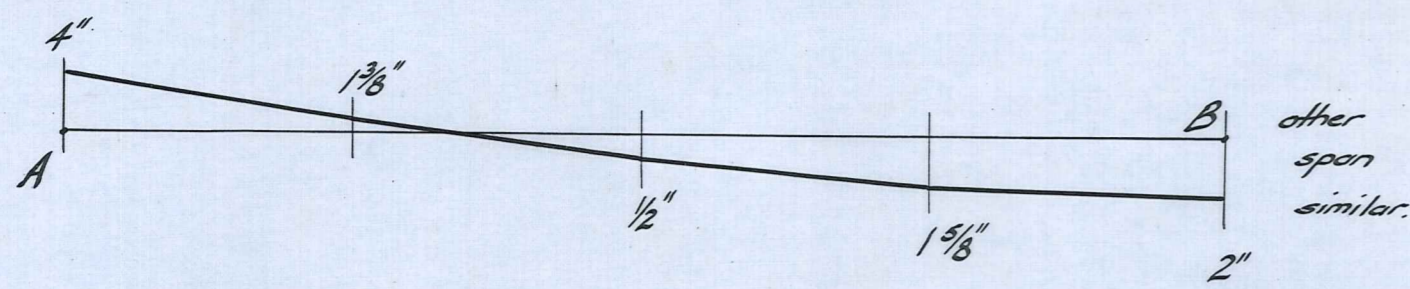




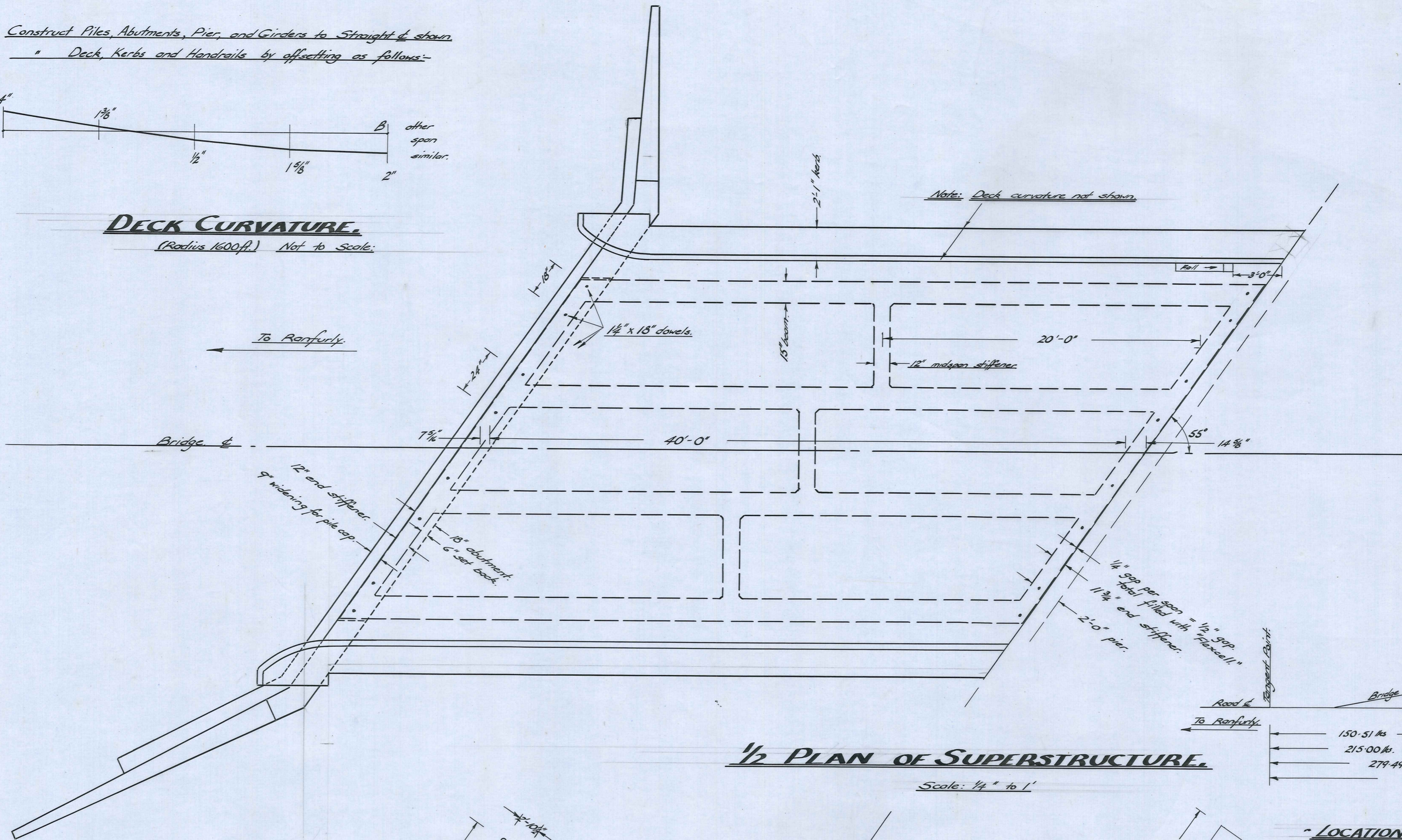


Note: Construct Piles, Abutments, Pier, and Girders to Straight & shown  
 " Deck, Kerbs and Handrails by offsetting as follows:-



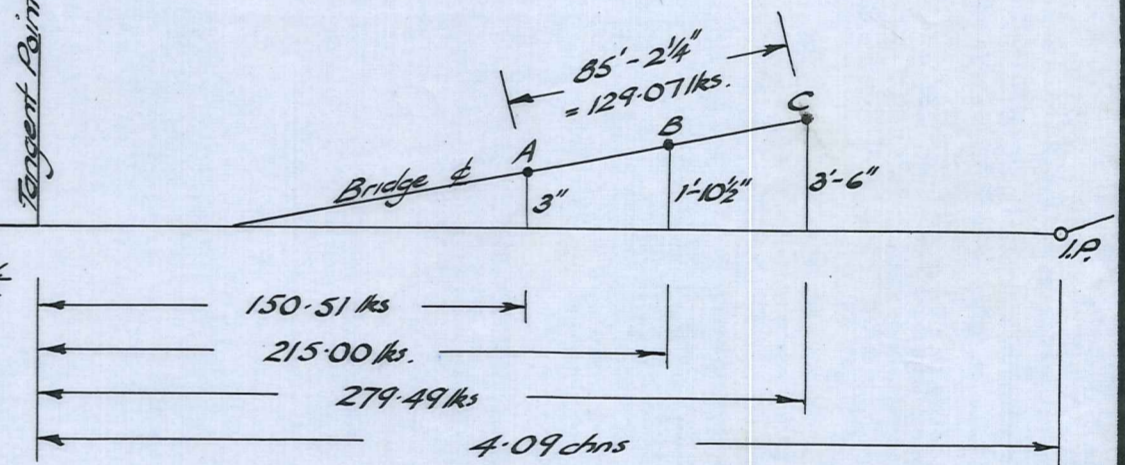
**DECK CURVATURE.**

(Radius 1600ft.) Not to Scale.



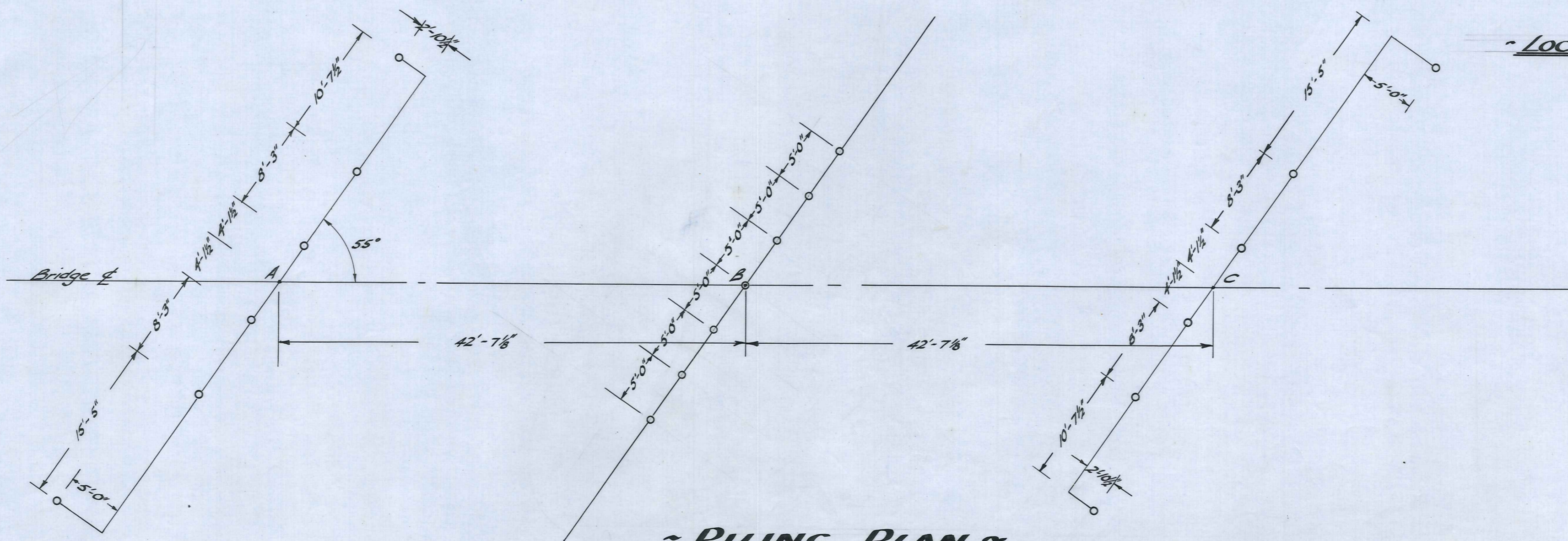
**1/2 PLAN OF SUPERSTRUCTURE.**

Scale: 1/4" to 1'



**LOCATION OF BRIDGE ON CURVE.**

Not to Scale.



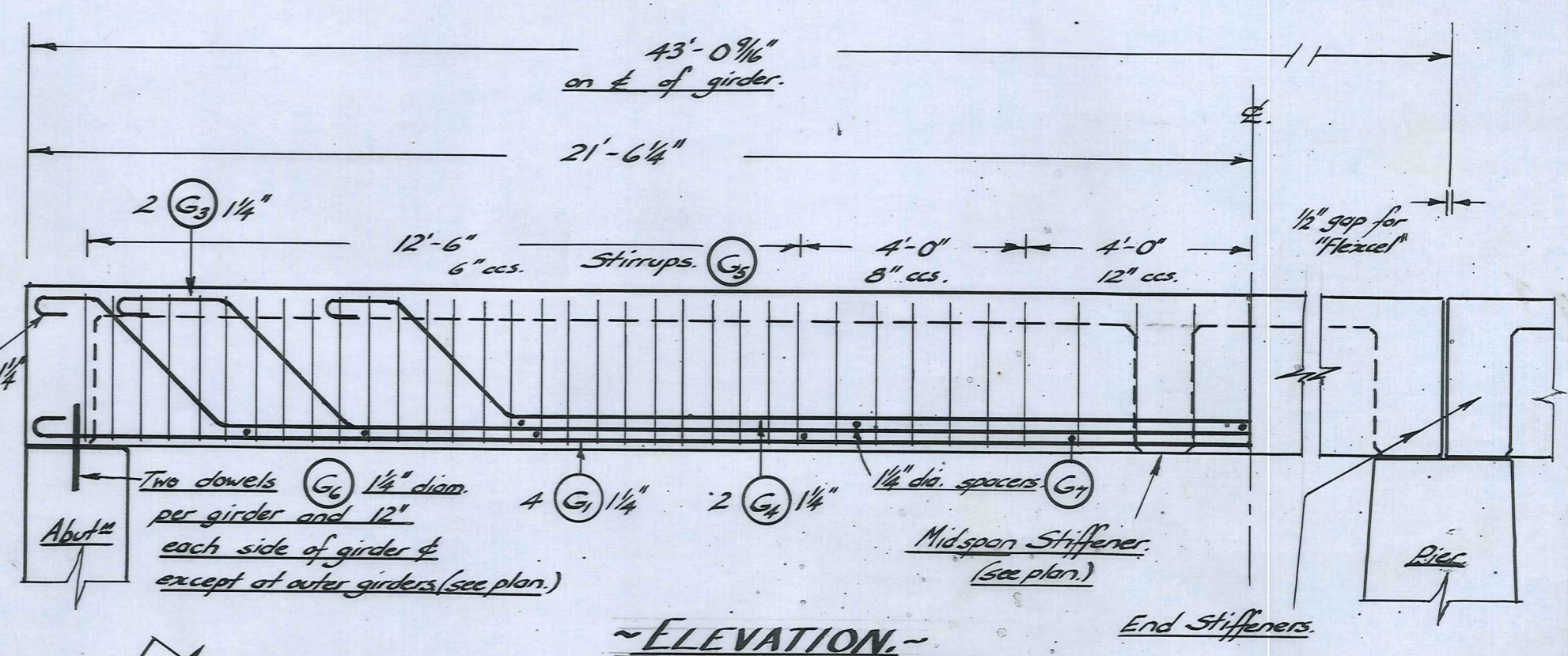
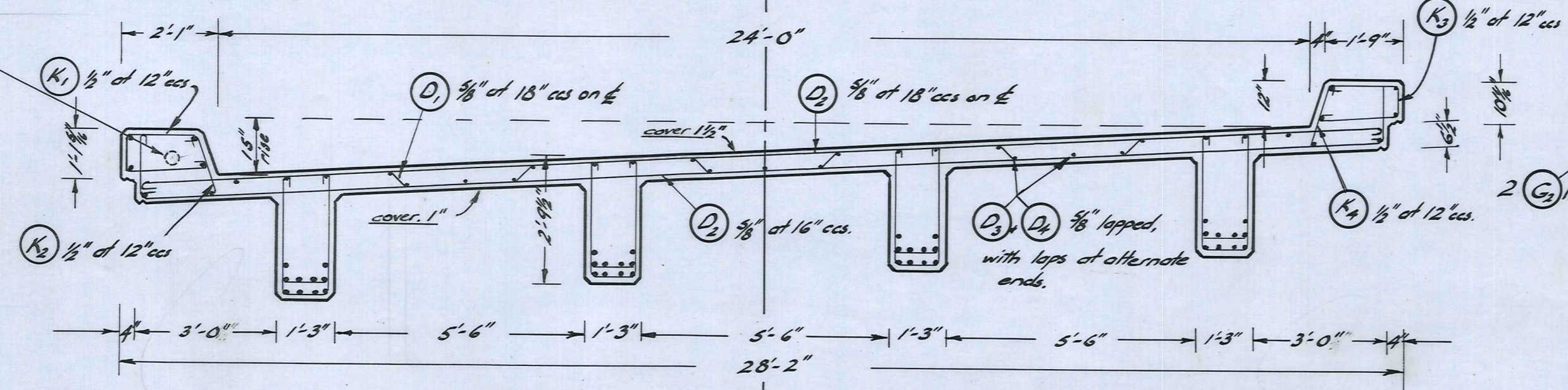
**PILING PLAN.**

Scale: 1/8" to 1 ft.



Note: Deck steel  $D_1 + D_2$  // to skew.  
 " "  $D_3 + D_4$  // Bridge  $\phi$   
 Kerb "  $K_1 + K_2$  normal to kerb.

Cable Duct in Downstream Kerb  
 3 1/2" 10 x 10g. steel pipe supplied  
 by P. & T. Dept.



**CHAMFER & FILLET**

**DETAIL**

$x = 1"$  for end and handrail posts.  
 $x = 1 1/4"$  for other parts of bridge.

only where  $\phi$  deck  
 and  $\phi$  bridge coincide.

**SECTION OF DECK & GIRDERS**  
 (NORMAL TO  $\phi$ )

only where  $\phi$  deck  
 and  $\phi$  bridge coincide.

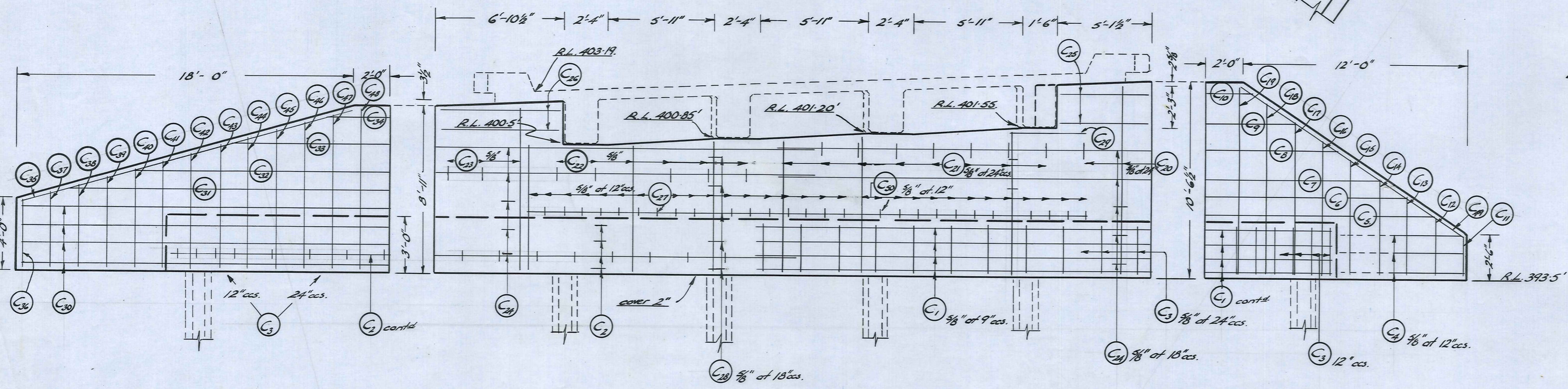
Scale: 3/8" to 1 ft.

**ELEVATION**

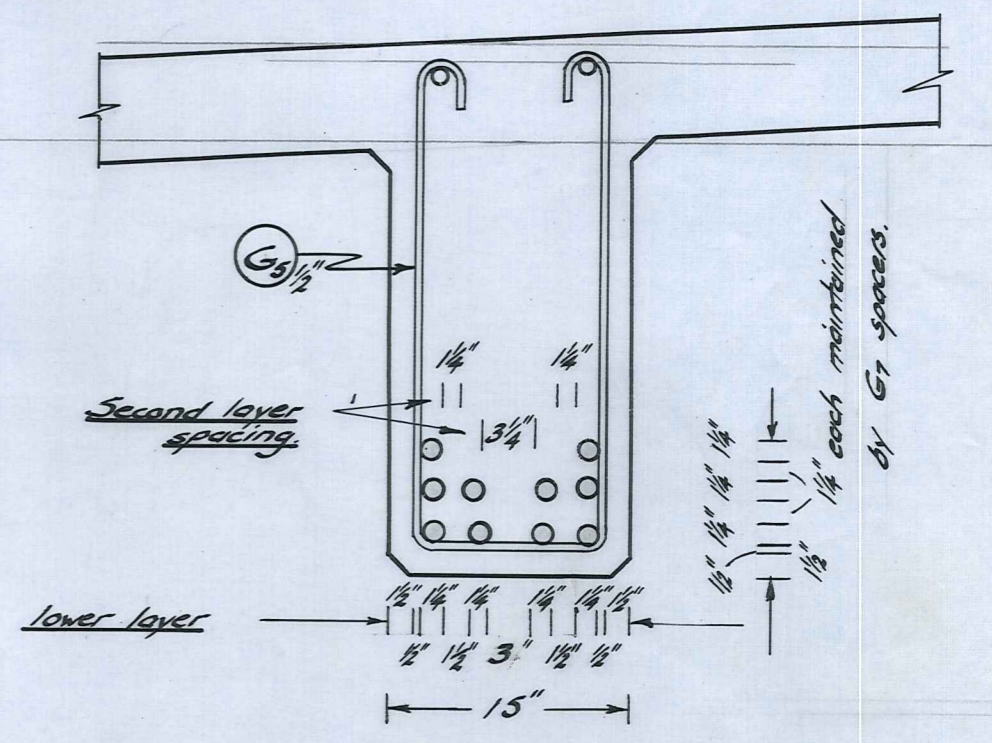
**PLAN**

**GIRDER DETAILS**

Scale: 3/8" to 1 ft.

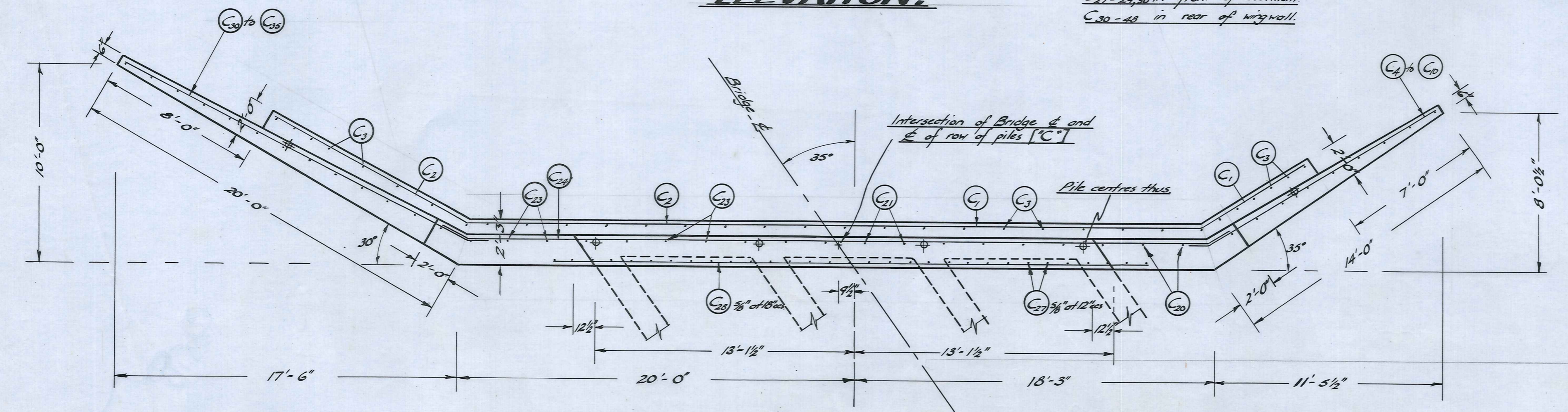


**ELEVATION**



**GIRDER SECTION**

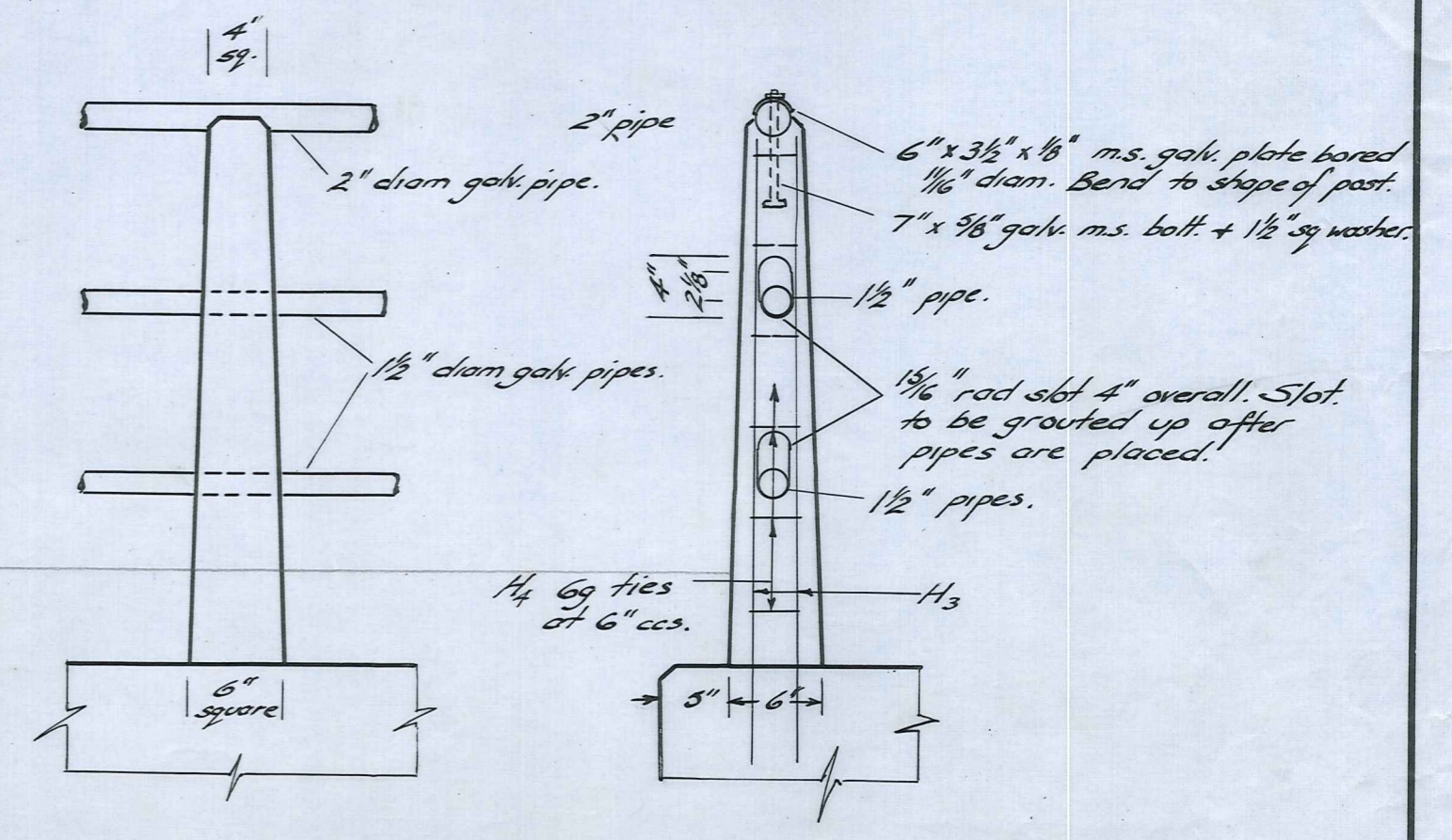
Scale: 1" to 1 ft.



**PLAN**

**DETAIL OF PATEAROA ABUTMENT**

Scale: 1/4 inch to 1 ft.



**HANDRAIL POST DETAIL**

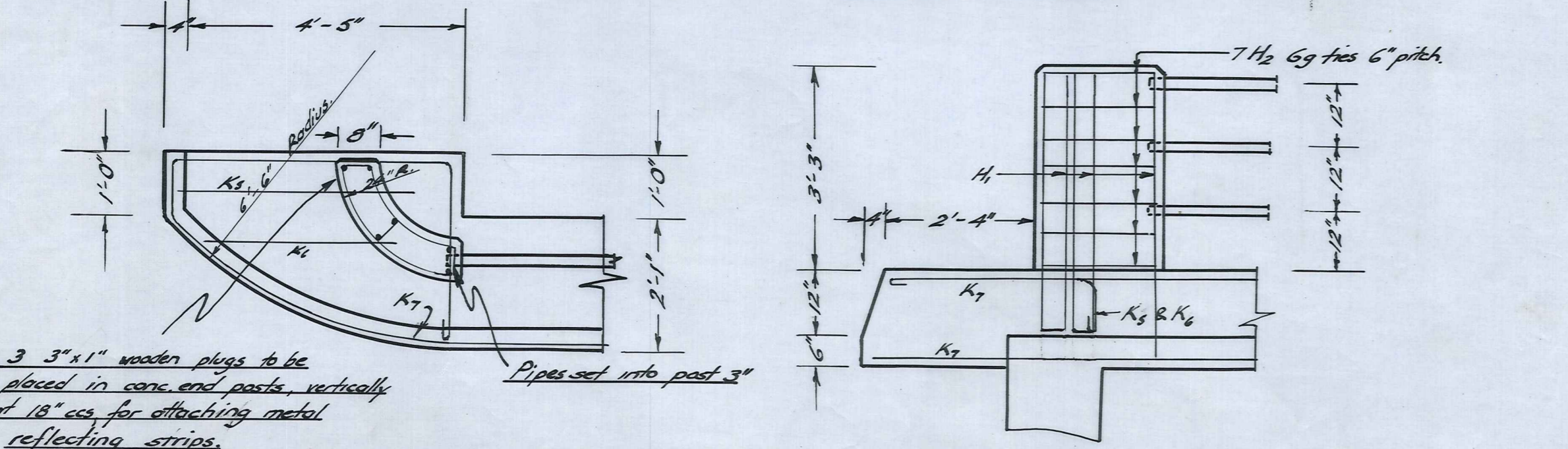
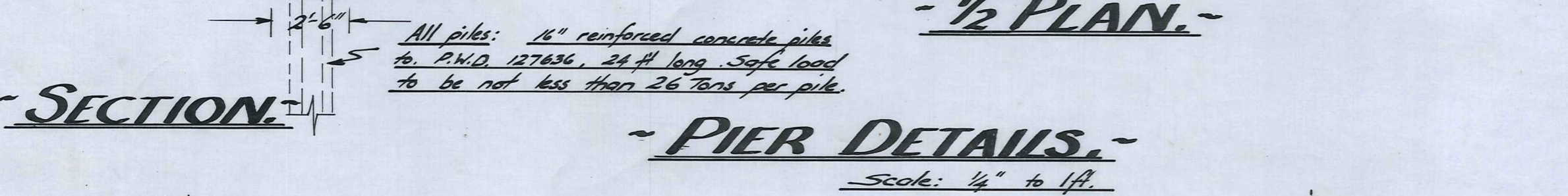
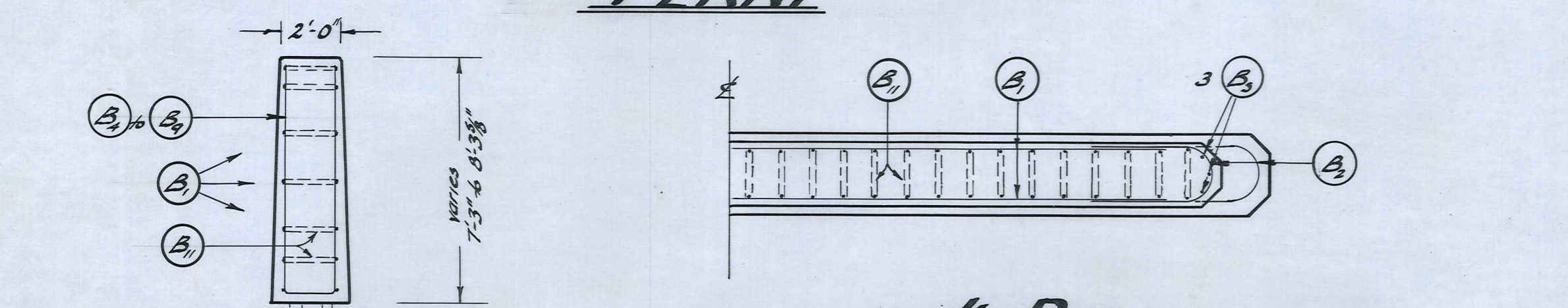
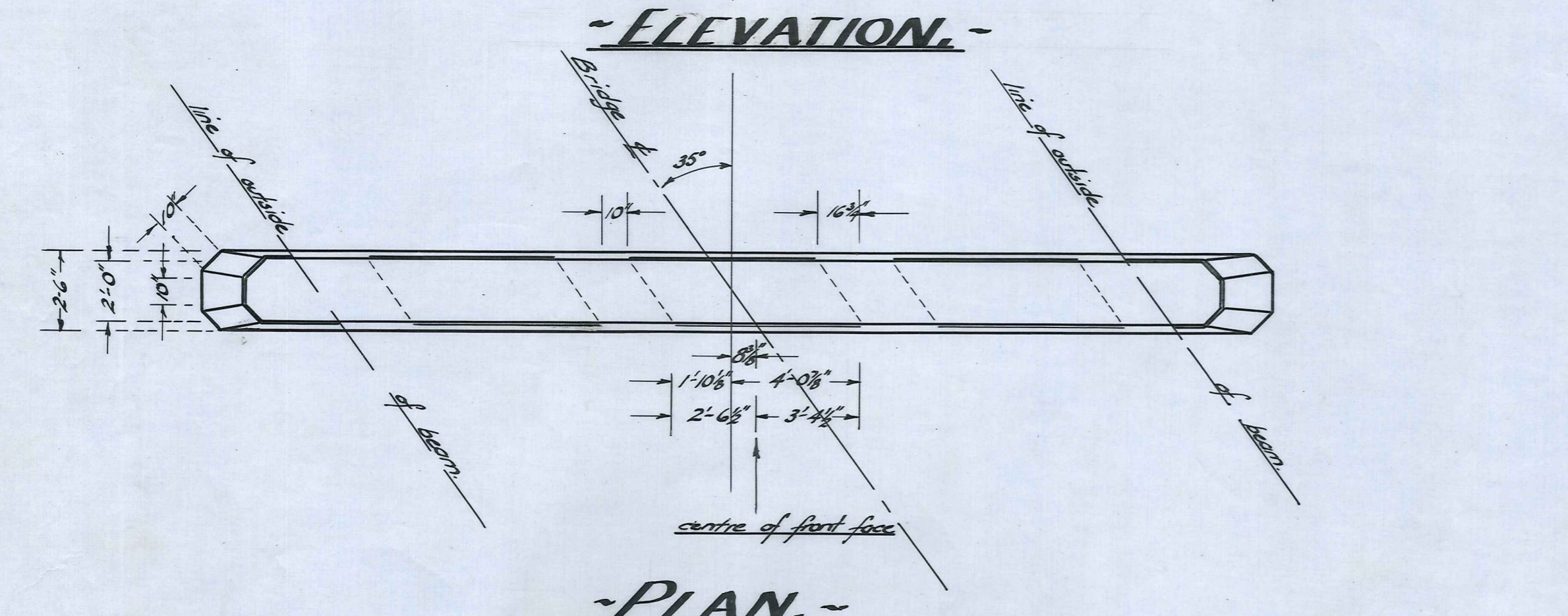
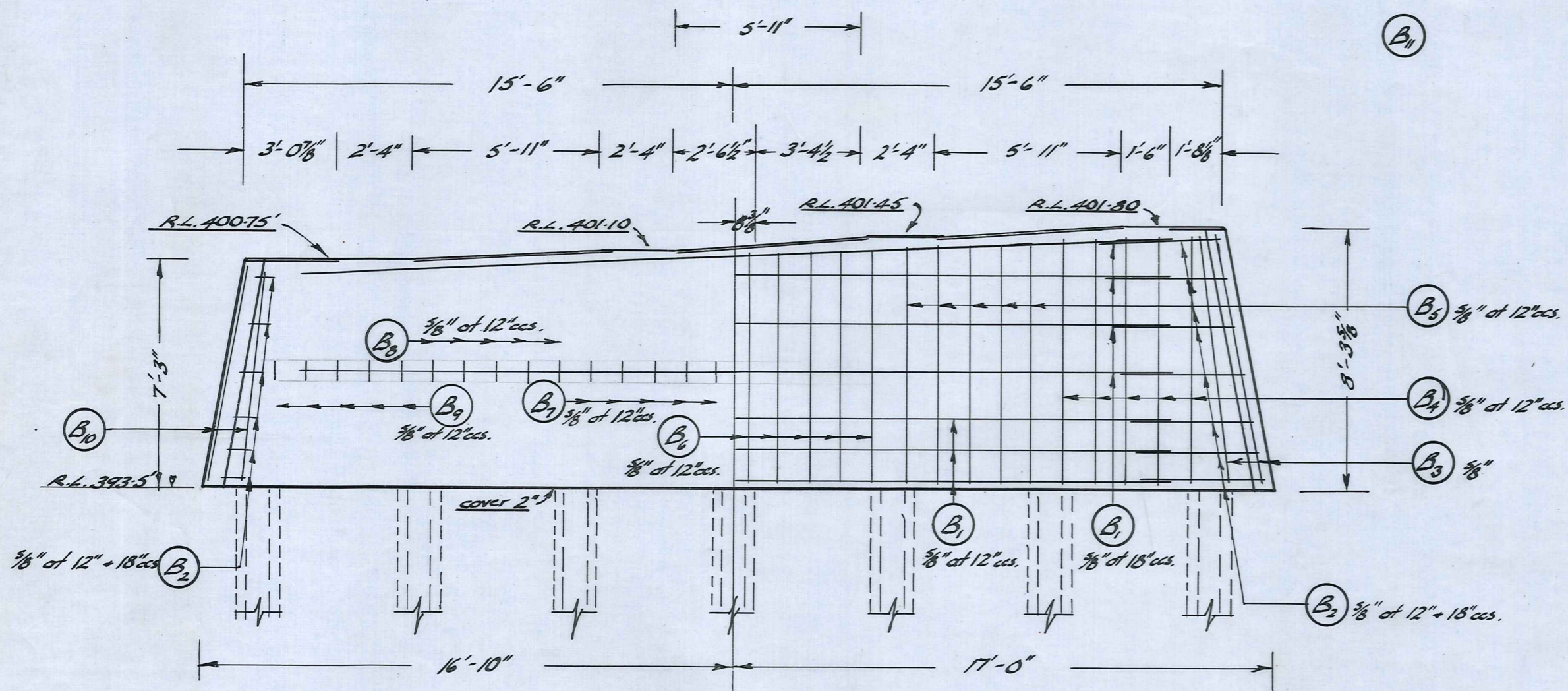
Scale: 1 in to 1 ft.

Note: Cover to be 1 1/2" unless shown otherwise.

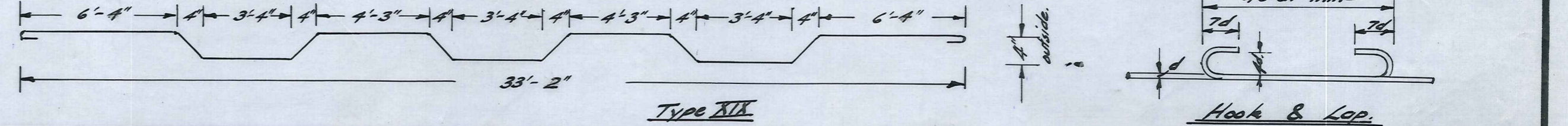








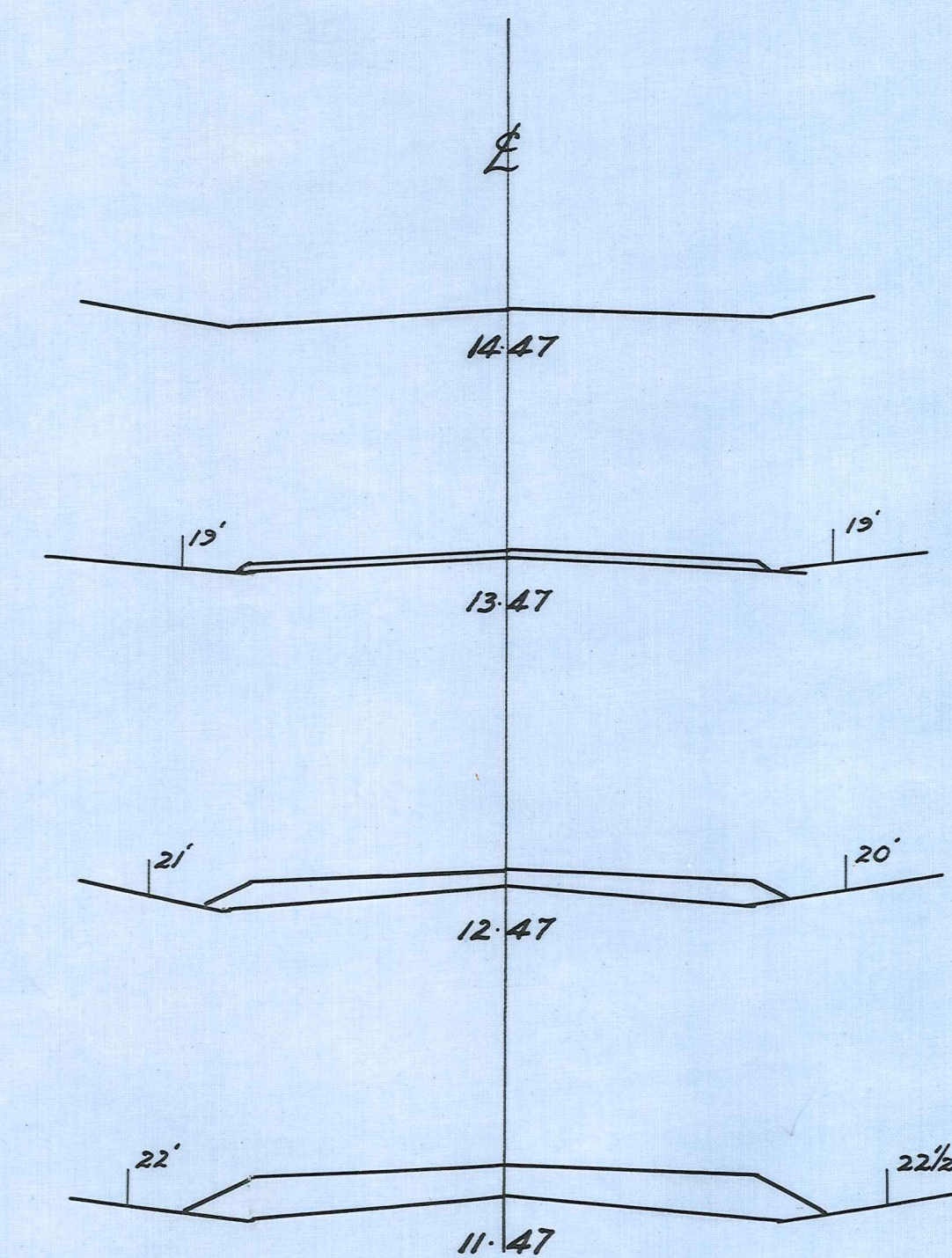
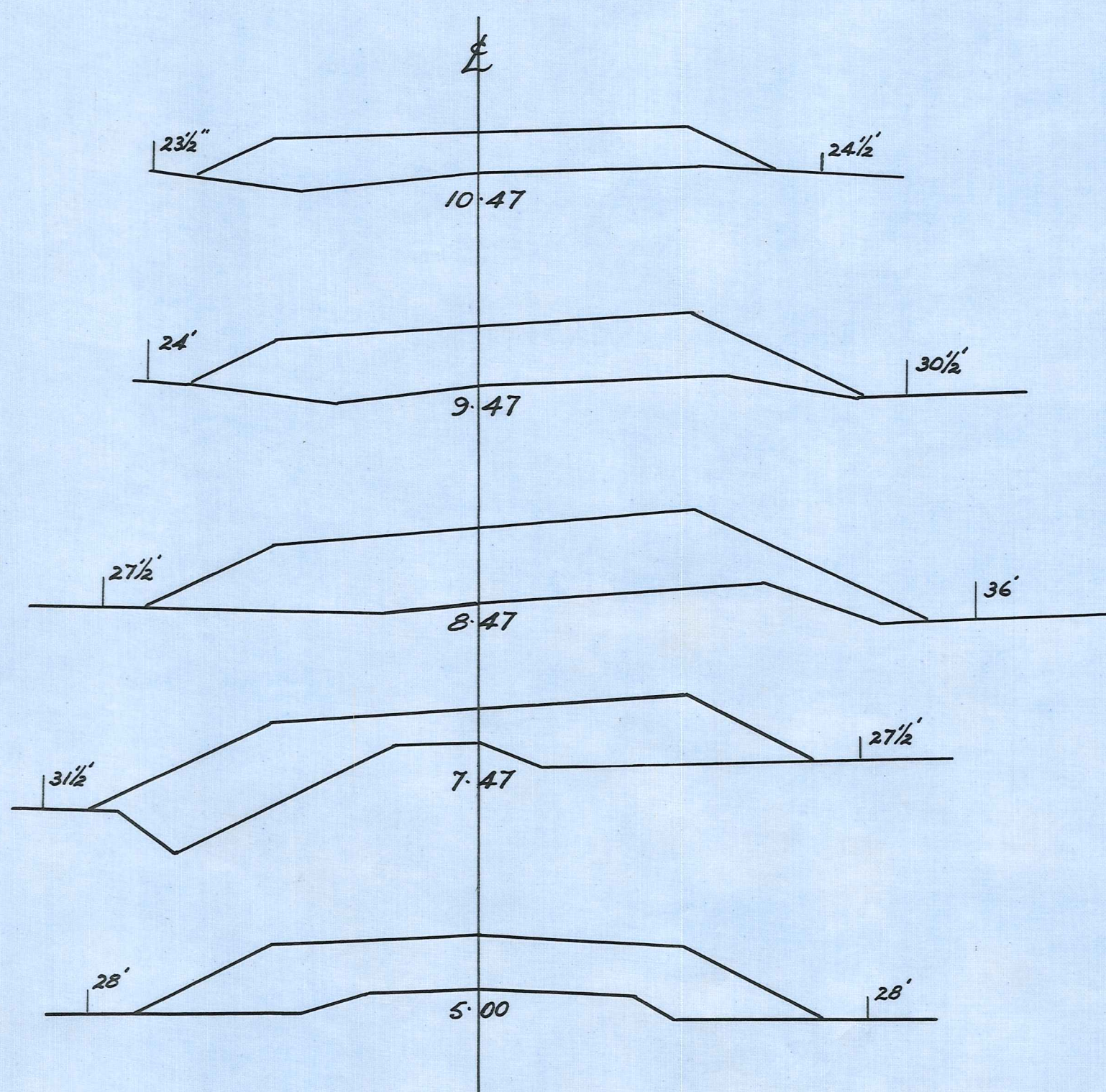
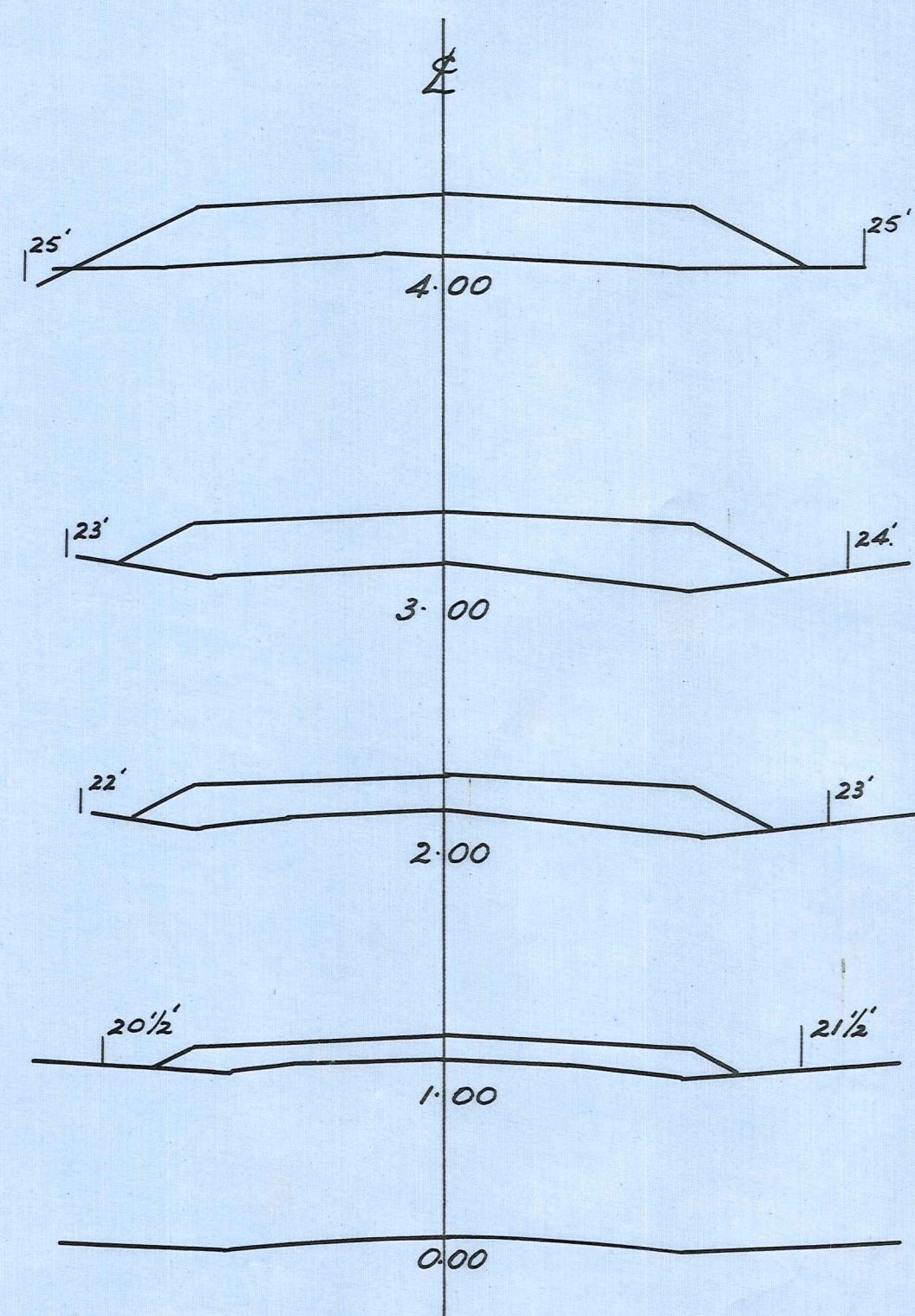
Steel										Schedule									
Mark	Diam	No of	Shape	Cut Length	a	b	Diagram			Mark	Diam	No of	Shape	Cut Length	a	b	Diagram		
A1	3/8"	4	II	26'-3"	20'-0"	6'-3"	Type I			C12	3/8"	1	I	3'-3"	3'-3"		Type XII		
A2	3/8"	4	III	30'-6"	19'-0"	11'-6"	Type I			C13	3/8"	1	I	4'-3"	4'-3"		Type XII		
A3	3/8"	33	IV	7'-6"	1'-11"	2'-8"	Type I			C14	3/8"	1	I	5'-3"	5'-3"		Type XII		
A4	3/8"	3	II	13'-0"	11'-11"	1'-1"	Type I			C15	3/8"	1	I	6'-3"	6'-3"		Type XII		
A5	3/8"	1	II	11'-9"	10'-8"	1'-1"	Type I			C16	3/8"	1	I	7'-3"	7'-3"		Type XII		
A6	3/8"	1	II	10'-3"	9'-2"	1'-1"	Type I			C17	3/8"	1	I	8'-3"	8'-3"		Type XII		
A7	3/8"	1	II	8'-0"	6'-11"	1'-1"	Type I			C18	3/8"	1	I	9'-3"	9'-3"		Type XII		
A8	3/8"	1	II	5'-9"	4'-8"	1'-1"	Type I			C19	3/8"	1	I	10'-3"	10'-3"		Type XII		
A9	3/8"	1	II	3'-6"	2'-5"	1'-1"	Type I			C20	3/8"	2	II	11'-0"	10'-0"		Type XII		
A10	3/8"	1	I	12'-6"	12'-6"		Type II			C21	3/8"	8	V	8'-1"	7'-1"		Type XIII		
A11	3/8"	1	I	2'-3"	2'-3"		Type II			C22	3/8"	6	V	7'-9"	6'-4"		Type XIII		
A12	3/8"	1	I	3'-3"	3'-3"		Type II			C23	3/8"	3	V	9'-9"	8'-9"		Type XIII		
A13	3/8"	1	I	4'-3"	4'-3"		Type II			C24	3/8"	10	III	21'-0"	20'-0"	1'-0"	Type XIII		
A14	3/8"	1	I	5'-3"	5'-3"		Type II			C25	3/8"	2	II	6'-5"	5'-5"	1'-0"	Type XIII		
A15	3/8"	1	I	6'-3"	6'-3"		Type II			C26	3/8"	2	III	6'-5"	5'-5"	1'-0"	Type XIII		
A16	3/8"	1	I	7'-3"	7'-3"		Type II			C27	3/8"	18	IV	8'-9"	6'-8"	1'-1"	Type XIII		
A17	3/8"	1	I	8'-3"	8'-3"		Type II			C28	3/8"	5	I	30'-0"	30'-0"		Type XIII		
A18	3/8"	1	I	9'-3"	9'-3"		Type II			C29	3/8"	1	I	4'-3"	4'-3"		Type XIII		
A19	3/8"	3	I	10'-1"	9'-1"		Type II			C30	3/8"	4	III	20'-6"	19'-5"	1'-1"	Type XIII		
A20	3/8"	6	II	8'-2"	7'-2"		Type II			C31	3/8"	1	III	18'-0"	16'-11"	1'-1"	Type XIII		
A21	3/8"	7	I	8'-8"	7'-8"		Type II			C32	3/8"	1	III	14'-6"	13'-5"	1'-1"	Type XIII		
A22	3/8"	3	I	11'-6"	10'-6"		Type II			C33	3/8"	1	III	9'-3"	8'-2"	1'-1"	Type XIII		
A23	3/8"	14	III	21'-0"	20'-0"	1'-0"	Type II			C34	3/8"	1	III	4'-3"	3'-2"	1'-1"	Type XIII		
A24	3/8"	2	II	6'-5"	6'-5"	1'-0"	Type II			C35	3/8"	1	I	18'-6"	18'-6"		Type XIII		
A25	3/8"	2	III	6'-5"	5'-5"	1'-0"	Type II			C36	3/8"	1	I	3'-9"	3'-9"		Type XIII		
A26	3/8"	18	IV	9'-3"	7'-2"	1'-1"	Type II			C37	3/8"	1	I	4'-0"	4'-0"		Type XIII		
A27	3/8"	6	I	30'-0"	30'-0"		Type II			C38	3/8"	1	I	4'-6"	4'-6"		Type XIII		
A28	3/8"	3	III	20'-6"	19'-5"	1'-1"	Type II			C39	3/8"	1	I	5'-0"	5'-0"		Type XIII		
A29	3/8"	1	III	18'-0"	16'-11"	1'-1"	Type II			C40	3/8"	1	I	5'-6"	5'-6"		Type XIII		
A30	3/8"	1	III	13'-6"	12'-5"	1'-1"	Type II			C41	3/8"	1	I	5'-9"	5'-9"		Type XIII		
A31	3/8"	1	III	9'-3"	8'-2"	1'-1"	Type II			C42	3/8"	1	I	6'-3"	6'-3"		Type XIII		
A32	3/8"	1	III	4'-9"	3'-8"	1'-1"	Type II			C43	3/8"	1	I	6'-9"	6'-9"		Type XIII		
A33	3/8"	1	I	18'-9"	18'-9"		Type II			C44	3/8"	1	I	7'-0"	7'-0"		Type XIII		
A34	3/8"	1	I	4'-9"	4'-9"		Type II			C45	3/8"	1	I	7'-6"	7'-6"		Type XIII		
A35	3/8"	1	I	5'-3"	5'-3"		Type II			C46	3/8"	1	I	8'-0"	8'-0"		Type XIII		
A36	3/8"	1	I	5'-9"	5'-9"		Type II			C47	3/8"	1	I	8'-3"	8'-3"		Type XIII		
A37	3/8"	1	I	6'-3"	6'-3"		Type II			C48	3/8"	1	I	8'-6"	8'-6"		Type XIII		
A38	3/8"	1	I	6'-9"	6'-9"		Type II			C49	3/8"	1	I	14'-6"	14'		Type XIII		
A39	3/8"	1	I	7'-3"	7'-3"		Type II			C50	3/8"	13	VI	8'-4"	7'-3"	1'-1"	Type XIII		
A40	3/8"	1	I	7'-9"	7'-9"		Type II			D1	3/8"	58	XIX	35'-0"			Type XVII		
A41	3/8"	1	I	8'-3"	8'-3"		Type II			D2	3/8"	116	V	34'-4"	33'-4"		Type XVII		
A42	3/8"	1	I	8'-9"	8'-9"		Type II			D3	3/8"	74	I	30'-0"	30'-0"		Type XVII		
A43	3/8"	1	I	9'-3"	9'-3"		Type II			D4	3/8"	74	I	15'-0"	15'-0"		Type XVII		
A44	3/8"	1	I	9'-9"	9'-9"		Type II			G1	1/4"	32	II	44'-9"	42'-9"	one supplied	Type XVIII		
A45	3/8"	1	I	10'-3"	10'-3"		Type II			G2	1/4"	16	XVII	46'-8"	1'-1"	36'-0"	Type XVIII		
A46	3/8"	1	I	10'-9"	10'-9"		Type II			G3	1/4"	16	XVIII	44'-0"	2'-0"	31'-6"	Type XVIII		
A47	3/8"	13	VI	9'-11"	7'-10"	1'-1"	Type II			G4	1/4"	16	XVIII	36'-5"			Type XVIII		
B1	3/8"	14	I	27'-6"	27'-6"		Type III			G5	1/2"	568	XVII	7'-0"			Type XVIII		
B2	3/8"	13	VI	8'-8"			Type III			G6	1/4"	32	I	1'-6"	1'-6"	all supplied	Type XVIII		
B3	3/8"	3	I	7'-9"	7'-9"		Type III			G7	1/4"	112	I	1'-0"	1'-0"	all supplied	Type XVIII		
B4	3/8"	5	VIII	17'-1"	7'-9"		Type III			G8	1"	8	I	25'-9"	25'-9"	steel supplied by County	Type XVIII		
B5	3/8"	5	VIII	16'-7"	7'-6"		Type III			G9	1/2"	108	IV	6'-4"	2'-5"	8 1/2"	Type XVIII		
B6	3/8"	5	VIII	16'-1"	7'-3"		Type III			G10	1"	12	II	9'-0"	7'-0"	steel supplied by County	Type XVIII		
B7	3/8"	5	VIII	15'-7"	7'-0"		Type III			G11	1/2"	12	I	7'-0"	7'-0"		Type XVIII		
B8	3/8"	5	VIII	15'-1"	6'-9"		Type III			G12	1/2"	36	IV	5'-8"	2'-1"	8 1/2"	Type XVIII		
B9	3/8"	5	VIII	15'-1"	6'-9"		Type III			H1	1/2"	12	II	9'-3"	4'-0"	6"	Type XVIII		
B10	3/8"	3	I	7'-0"	7'-0"		Type III			H2	6g	28	I	7'-6"		band on site.	Type XVIII		
B11	6g	140	I	3'-9"			Type III			H3	1/2"	48	IX	7'-9"			Type XVIII		
C1	3/8"	4	II	26'-3"	20'-0"	6'-3"	Type IX			H4	6g	144	I	1'-3"		band on site.	Type XVIII		
C2	3/8"	4	III	30'-6"	19'-0"	11'-6"	Type IX			K1	1/2"	84	II	4'-10"			Type XVIII		
C3	3/8"	33	IV	7'-6"	1'-11"	2'-8"	Type IX			K2	1/2"	84	III	5'-0"			Type XVIII		
C4	3/8"	3	II	12'-6"	13'-5"	1'-1"	Type IX			K3	1/2"	84	III	4'-8"			Type XVIII		
C5	3/8"	1	II	13'-0"	11'-11"	1'-1"	Type IX			K4	1/2"	84	III	5'-0"			Type XVIII		
C6	3/8"	1	II	11'-6"	10'-5"	1'-1"	Type IX			K5	3/8"	4	VI	5'-6"	3'-9"	9"	Type XVIII		
C7	3/8"	1	II	11'-0"	8'-11"	1'-1"	Type IX			K6	3/8"	4	VI	4'-6"	2'-9"	9"	Type XVIII		
C8	3/8"	1	II	7'-9"	6'-8"	1'-1"	Type IX			K7	3/8"	8	XV	13'-9"			Type XVIII		
C9	3/8"	1	II	8'-6"	4'-5"	1'-1"	Type IX									Type XVIII			
C10	3/8"	1	II	3'-3"	2'-2"	1'-1"	Type IX									Type XVIII			
C11	3/8"	1	I	2'-3"	2'-3"		Type IX									Type XVIII			





380' Above Datum.

Formation Level	403.70	403.80	404.00	404.20	404.3	404.4	404.30	403.80	403.50	402.60	401.00	399.60	398.30	397.0	396.00	395.10
Surface Level	403.63	402.48	401.85	401.19	400.68	400.68	404.30	403.80	402.07	398.53	397.86	397.25	396.60	396.14	395.64	395.13
Distance	0.00	1.00	2.00	3.00	4.00	5.00	5.91	7.10	7.47	8.47	9.47	10.47	11.47	12.47	13.47	14.47



Scale: Horizontal. 1" = 1ch.  
Vertical. 1" = 10ft.