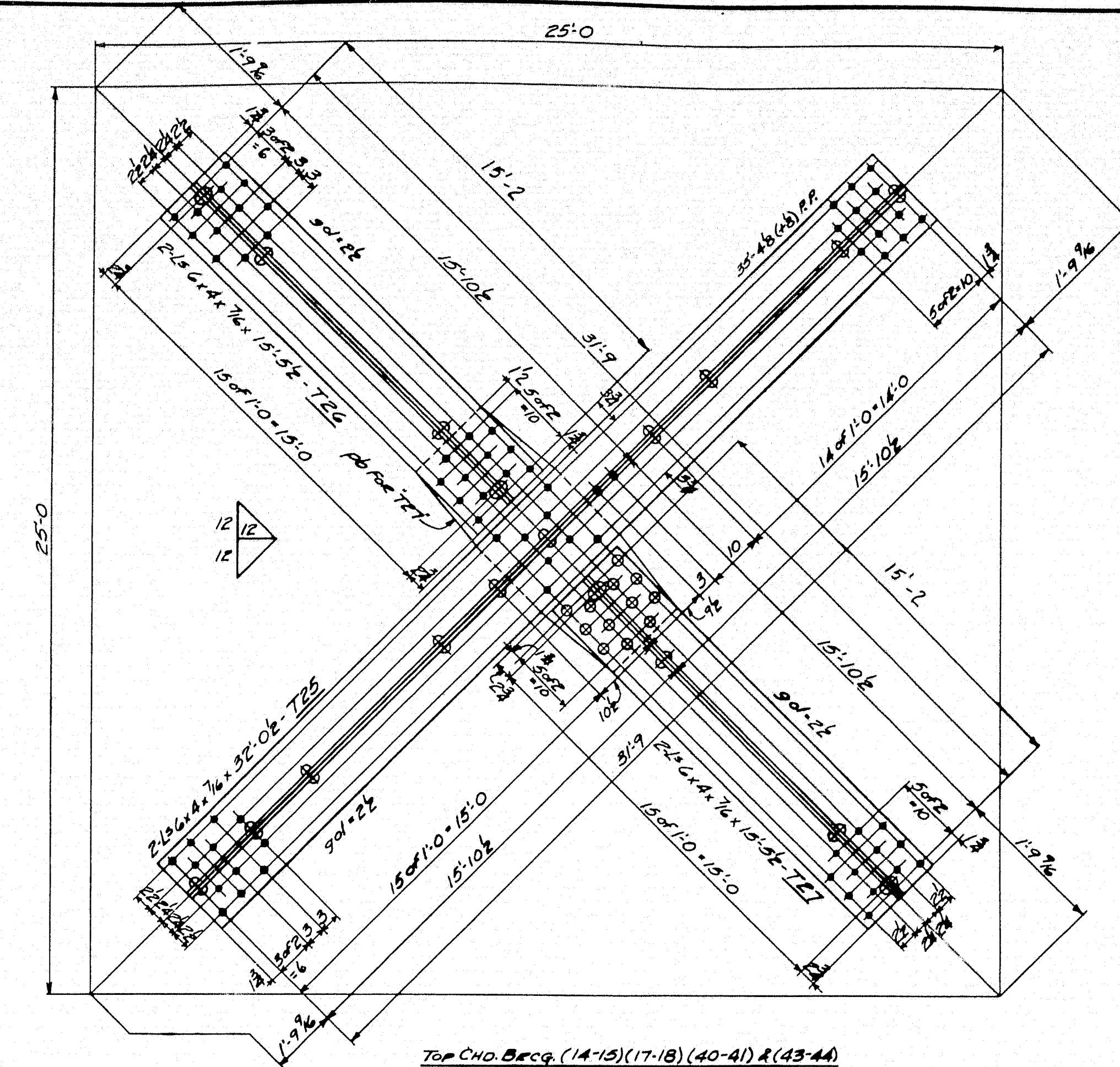


[illegible]

TOP LATERALS T22 to T30

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1 - 389 (2)

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

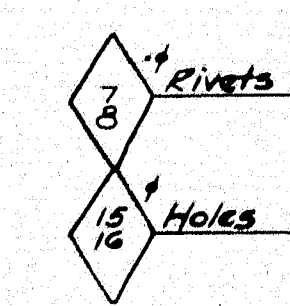
DRAWINGS MADE AT AMBRIDGE #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS - EST
DRAW. MADE BY Albert DATE 10-15-48
DRAW. CHECKED BY W.U.C. DATE 10-27-48

ORDER No. J5761-M SHEET No. 314

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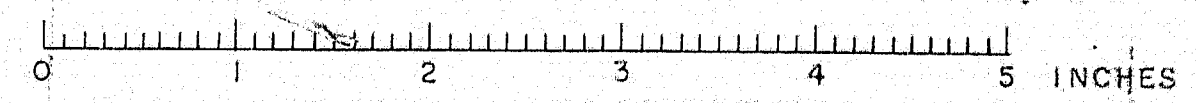
URFACES: No

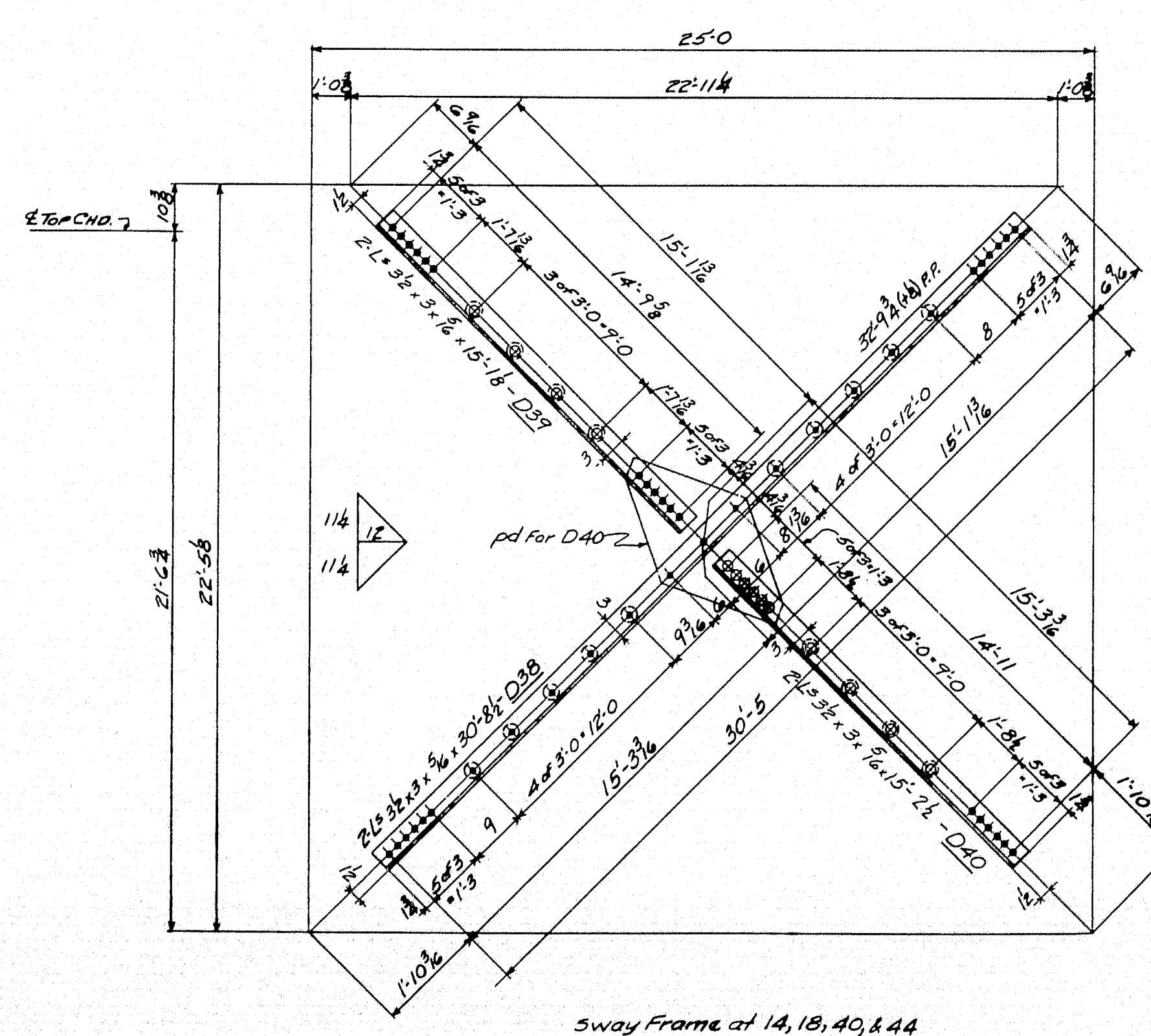
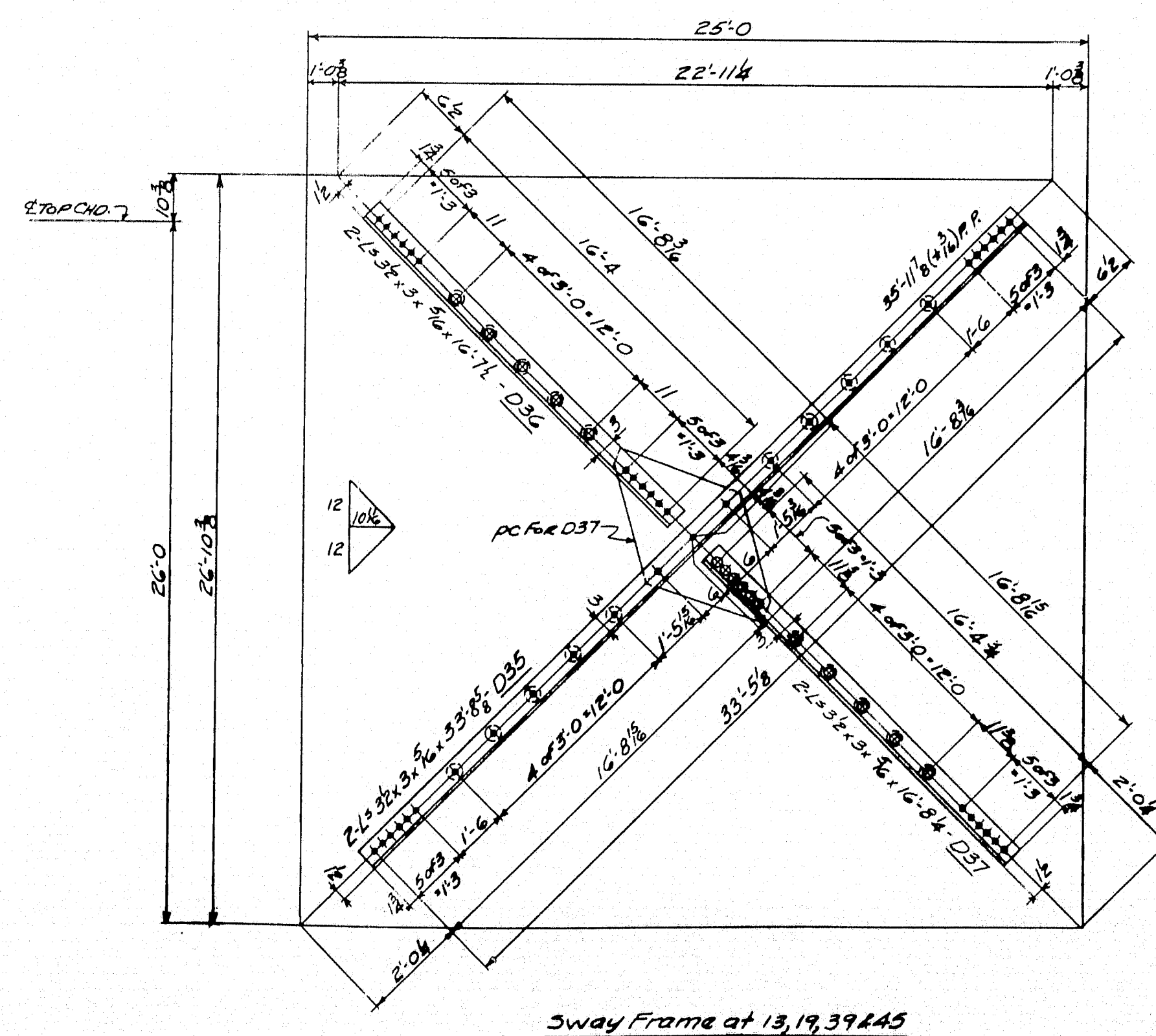
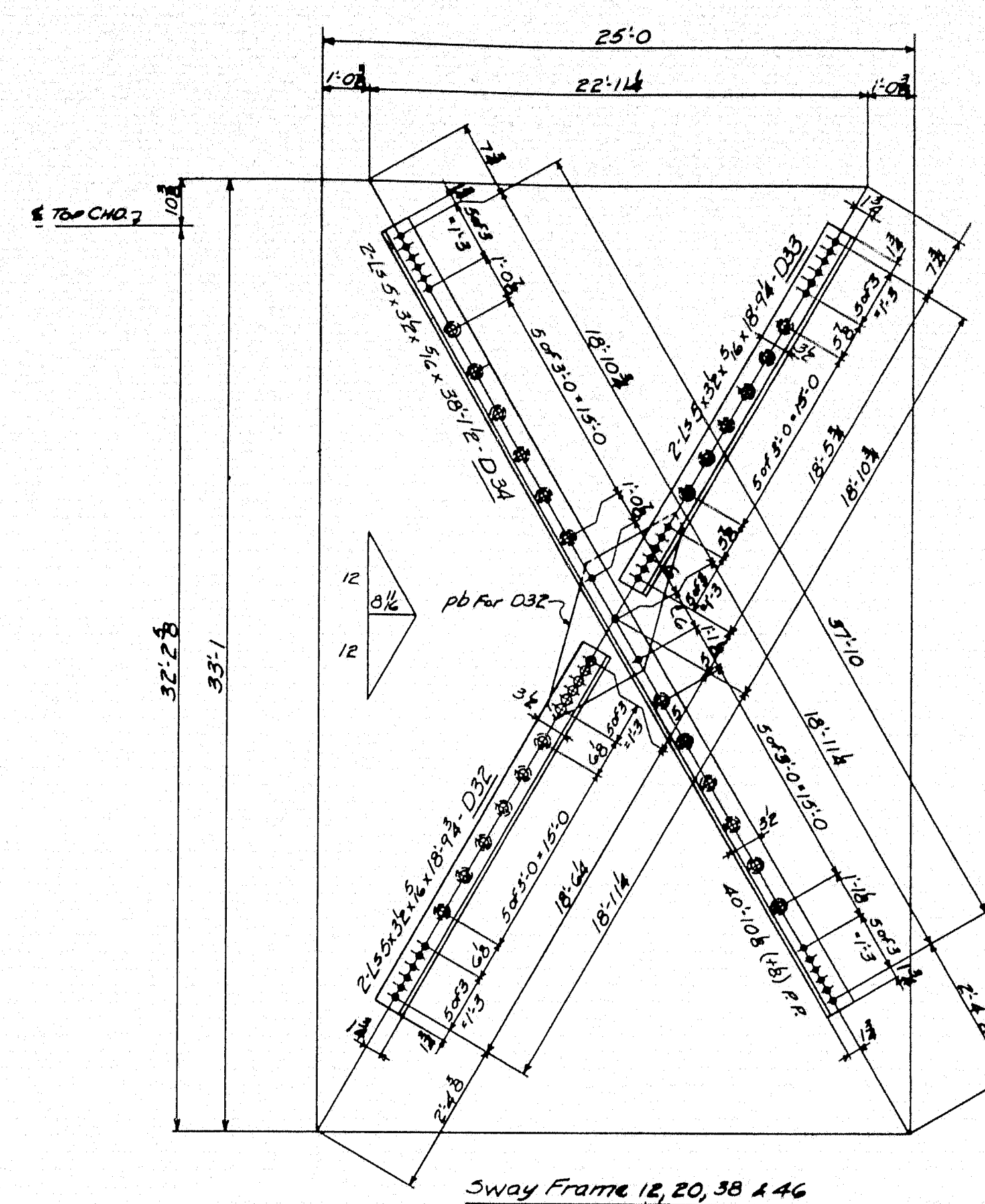
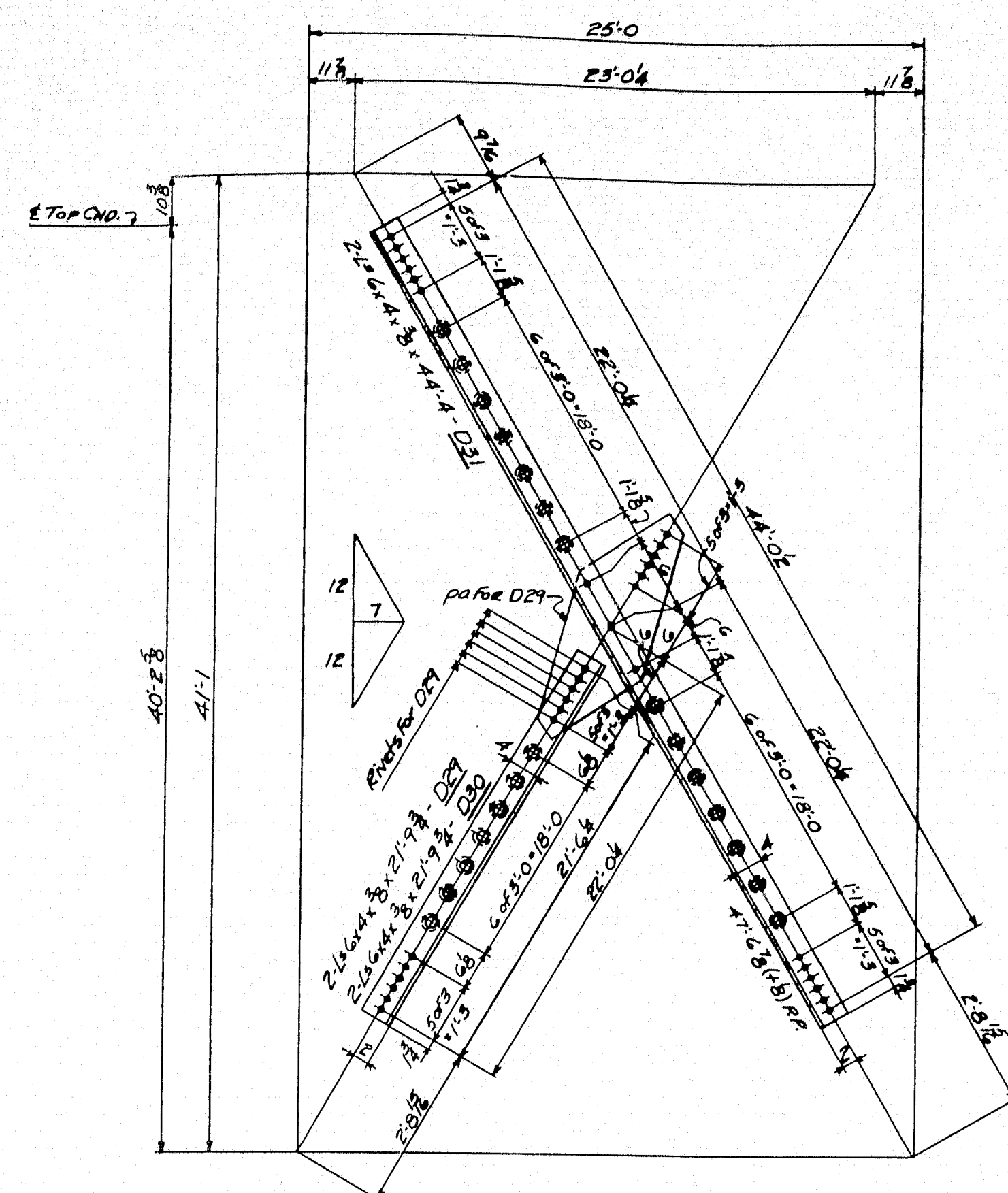
REVISIONS



PAINT: *Yes*
SHOP CONTACT SURFACES: *No*

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REVISIONS	





Div.	LINE	No. of Pcs. in this Batch	MATERIAL		ASSEMBLING MATERIAL	REMARKS	ORDERED		CALCULATED VOLUME FOR ONE SHIP PCE
			SHAPE	LENGTH Feet			ITEM	QTY	
1	9	3	4	DIAGONALS		D29			
1	10	3	4	DIAGONALS		D30			
1	11	3	16	L 6 4 3/4 21 9 3/4					
1	12	3	4	P1 15 3/4 3 7 1/2	pg	(FOR D29)	21-9 3/4	3415	
1	13	3	56	WASH 24 1/2 x 1 1/2 1/2 1/2			16 x 8	3332	
1	14	3						S	
1	15	3							
1	16	3							
1	17	3							
1	18	3							
1	19	3	4	DIAGONALS		D31			
1	20	3	8	L 3 6 4 3/4 44 4			44-4	3414	
1	21	3	56	WASH 24 1/2 x 1 1/2 1/2 1/2				S	
1	22	3							
1	23	3							
1	24	3							
1	25	3							
1	26	3							
1	27	3							
1	28	3							
1	29	3							
1	30	3	8	L 3 5 3/4 5/8 18 9 1/4			18-9 1/4	3421	
1	31	3	4	P1 15 3/4 3 5 1/2	pb		16 x 8	3332	
1	32	3	24	WASH 24 1/2 x 1 1/2 1/2 1/2				S	
1	33	3							
1	34	3							
1	35	3							
1	36	3							
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1	98	3							
1	99	3							
1	100	3							

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUMMARY

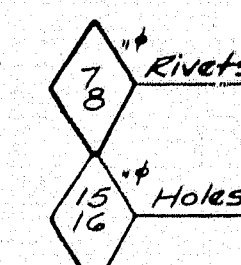
DRAWINGS MADE AT AMBRIDGE#1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS-257
DRAW. MADE BY Albert DATE 10-20-48
DRAW. CHECKED BY HBK DATE 1-4-49

ORDER No.
J5761-M

SHEET No.
315

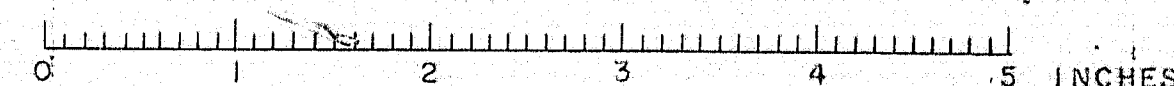
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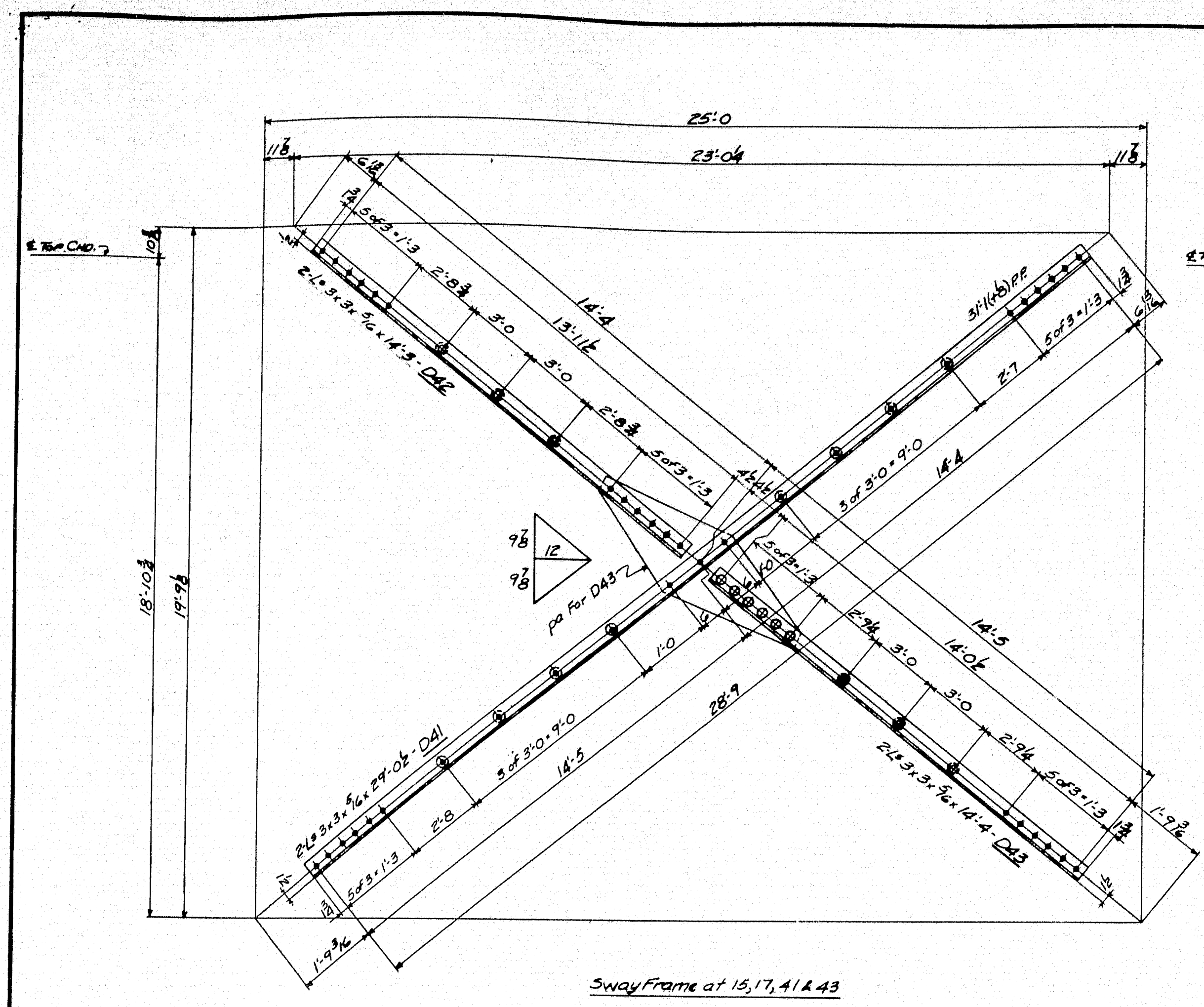
52-165



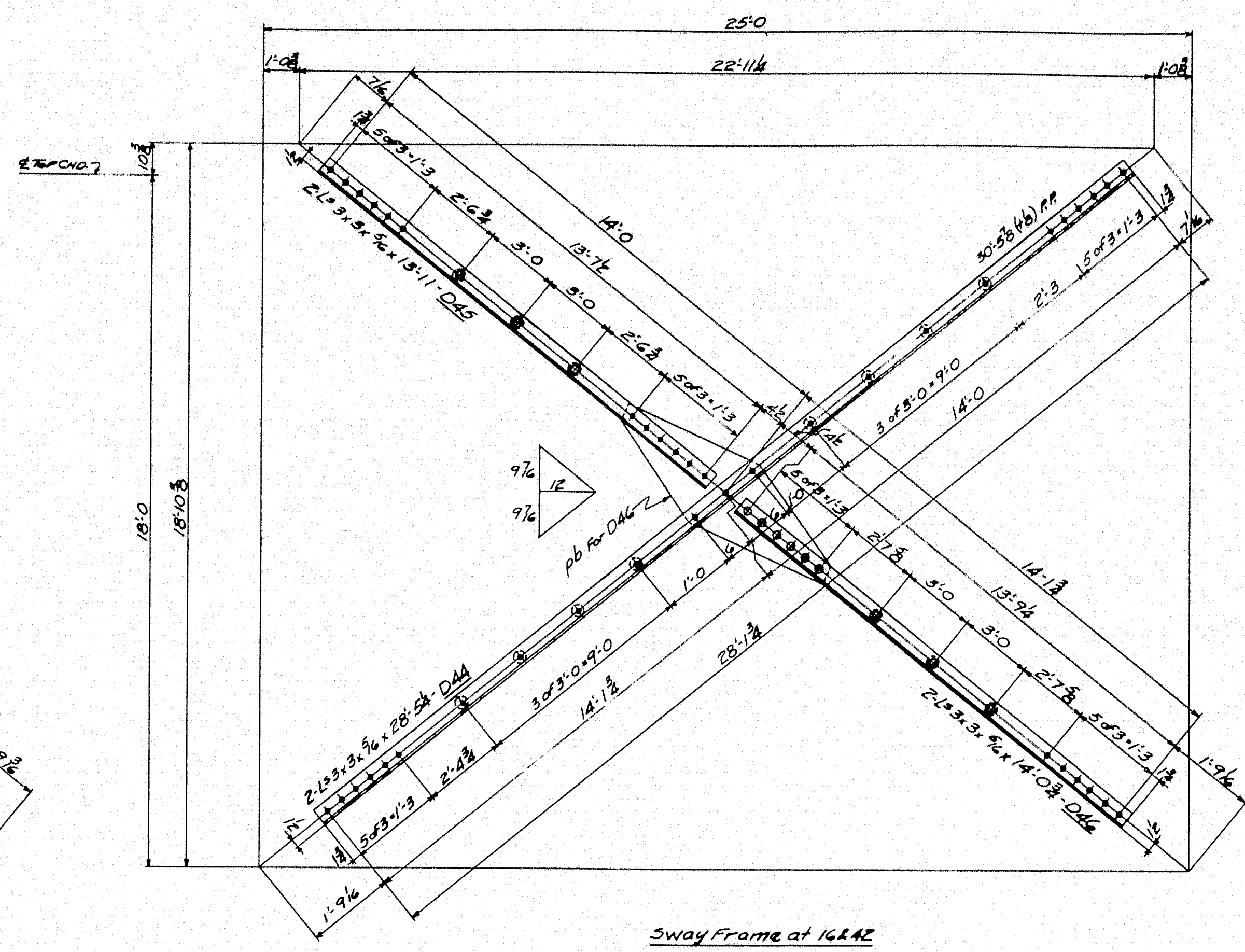
PAINT: *Yes*
SHOP CONTACT SURFACES: *No*

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REVISIONS	





Sway Frame at 15, 17, 41 & 43



Sway Frame at 16 & 42

DIV.	LINE	ITEM	MATERIAL	LENGTH	REMARKS	ORDERED	ITEM	CALCULATED WEIGHT FOR ONE SWP. PIECE
7843	1	1	4" DIAGONALS		D41	29-06	3456	
		2	8" L3 3 3/4 29 0E					
		3	32 Wash 24" x 1/2" Hole					
		4	32 5.0 5"					
		5						
		6						
1111	7	1	4" DIAGONALS		D42	14-3	3450	
		2	8" L3 3 3/4 14 3					
		3	12 Wash 24" x 1/2" Hole					
		4						
		5						
1111	12	1	4" DIAGONALS		D43	14-4	3449	
		2	8" L3 3 3/4 14 4					
		3	4 P1 14 3 3 4E pa					
		4	12 Wash 24" x 1/2" Hole					
		5						
		6						
1111	18	1	2" DIAGONALS		D44	28-54	3437	
		2	4" L3 3 3/4 28 54					
		3	16 Wash 24" x 1/2" Hole					
		4	16 5.0 3"					
		5						
		6						
1111	24	1	2" DIAGONALS		D45	13-11	3452	
		2	4" L3 3 3/4 13 11					
		3	6 Wash 24" x 1/2" Hole					
		4						
		5						
		6						
1111	30	1	2" DIAGONALS		D46	14-03	3451	
		2	4" L3 3 3/4 14 03					
		3	2 P1 14 3 3 5 pb					
		4	6 Wash 24" x 1/2" Hole					
		5						
		6						
		7						
		8						
		9						
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DIAGONALS D41 to D46

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1 - 389 2

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

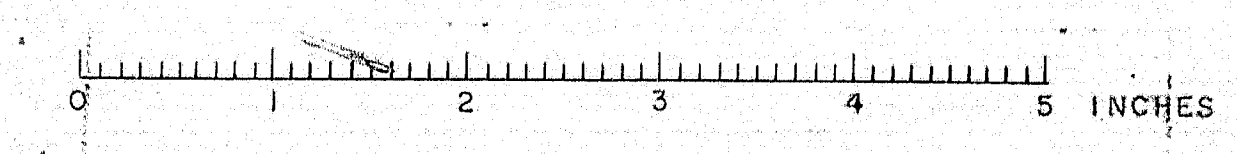
5 Rivers
10 Holes
PARTY Yes
SWEEP CONTACT SURFACES No

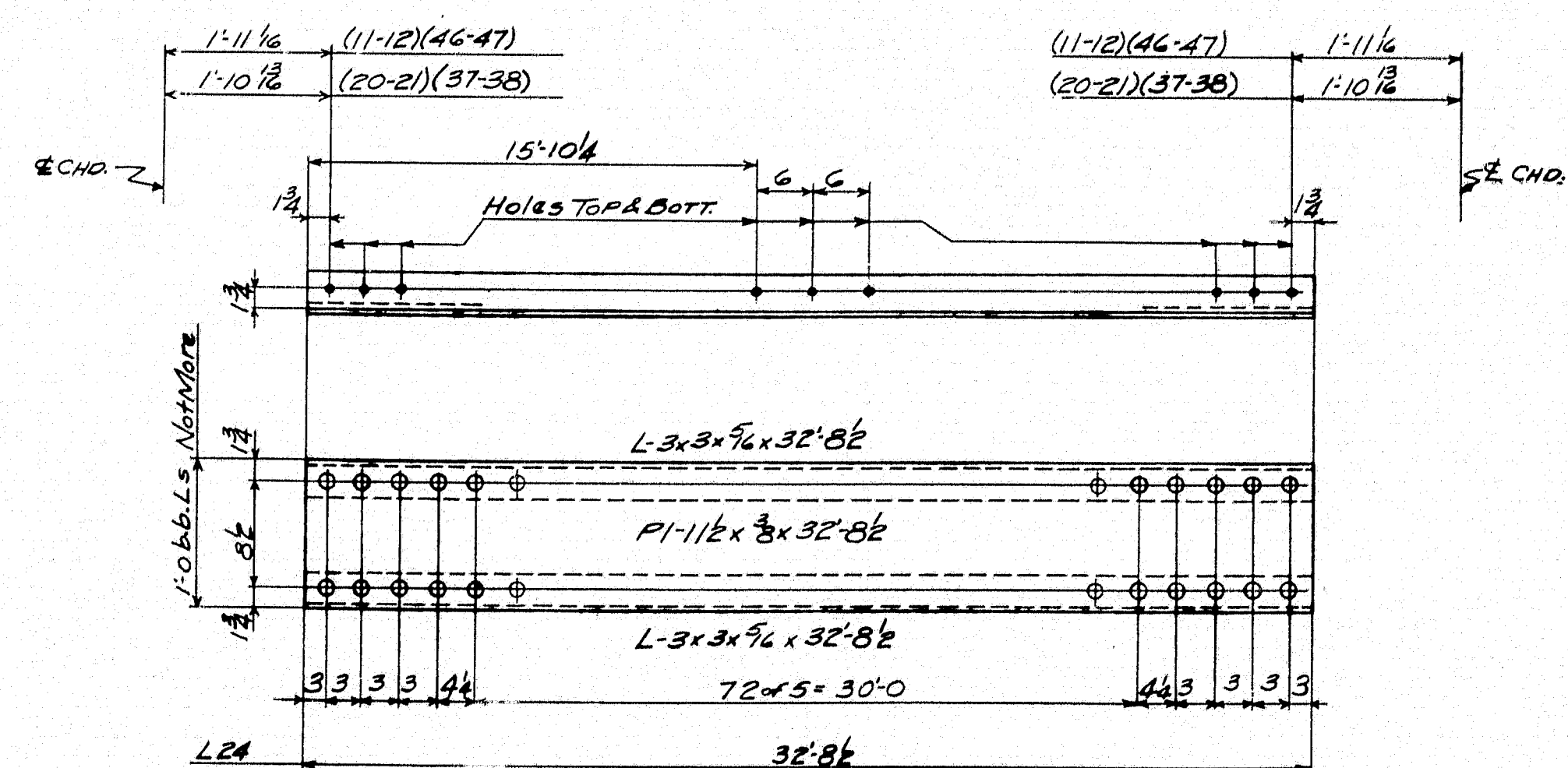
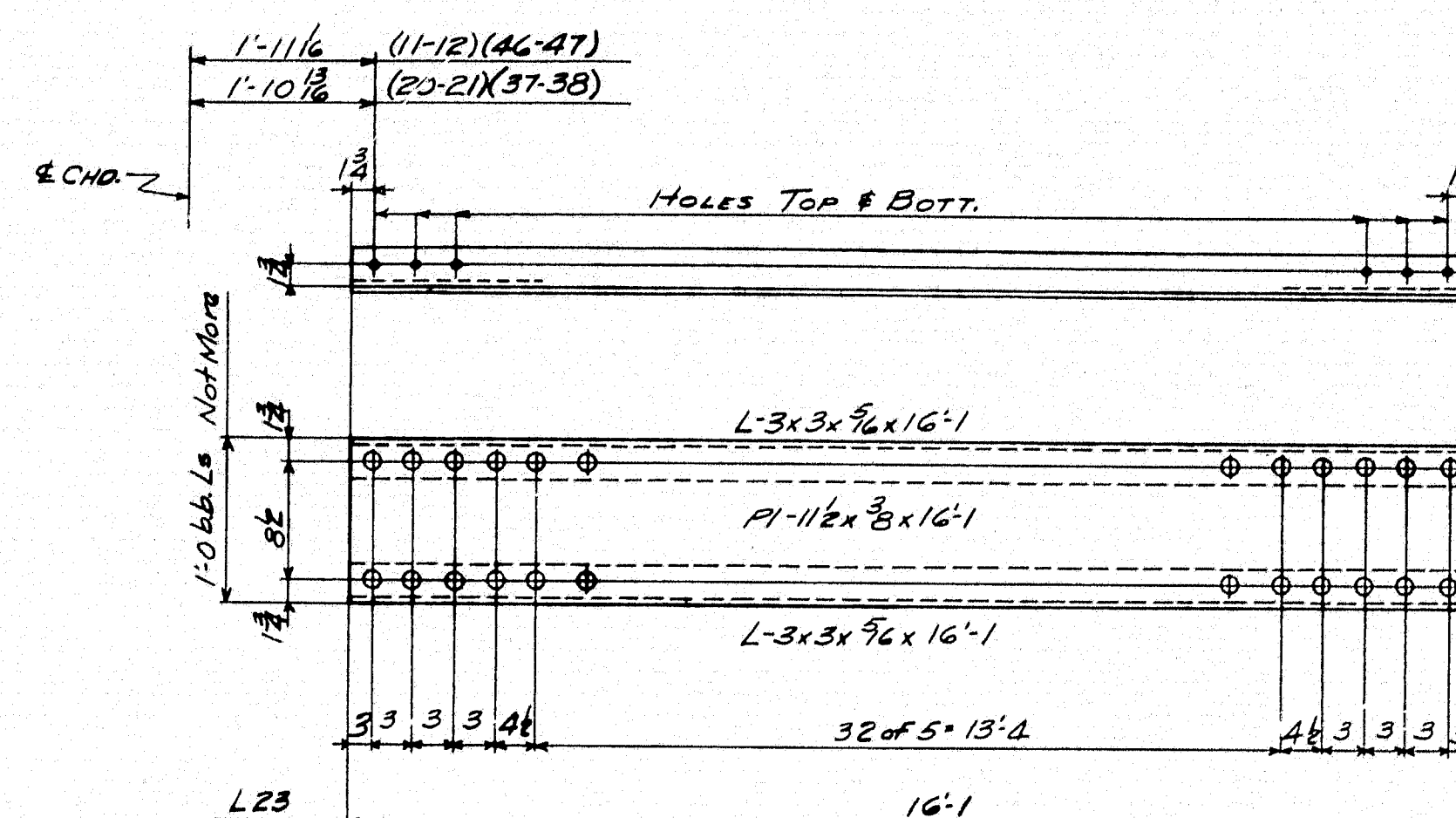
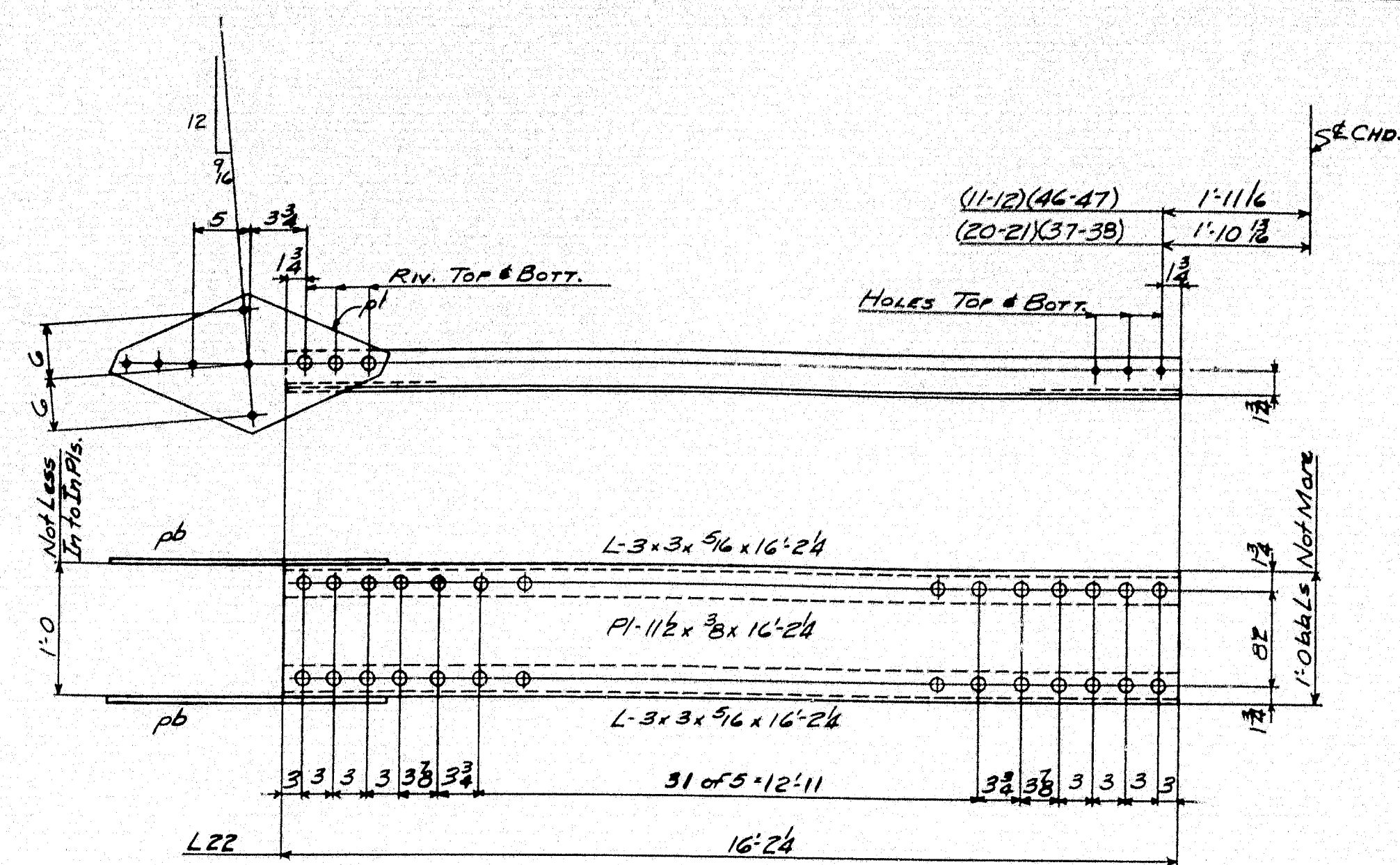
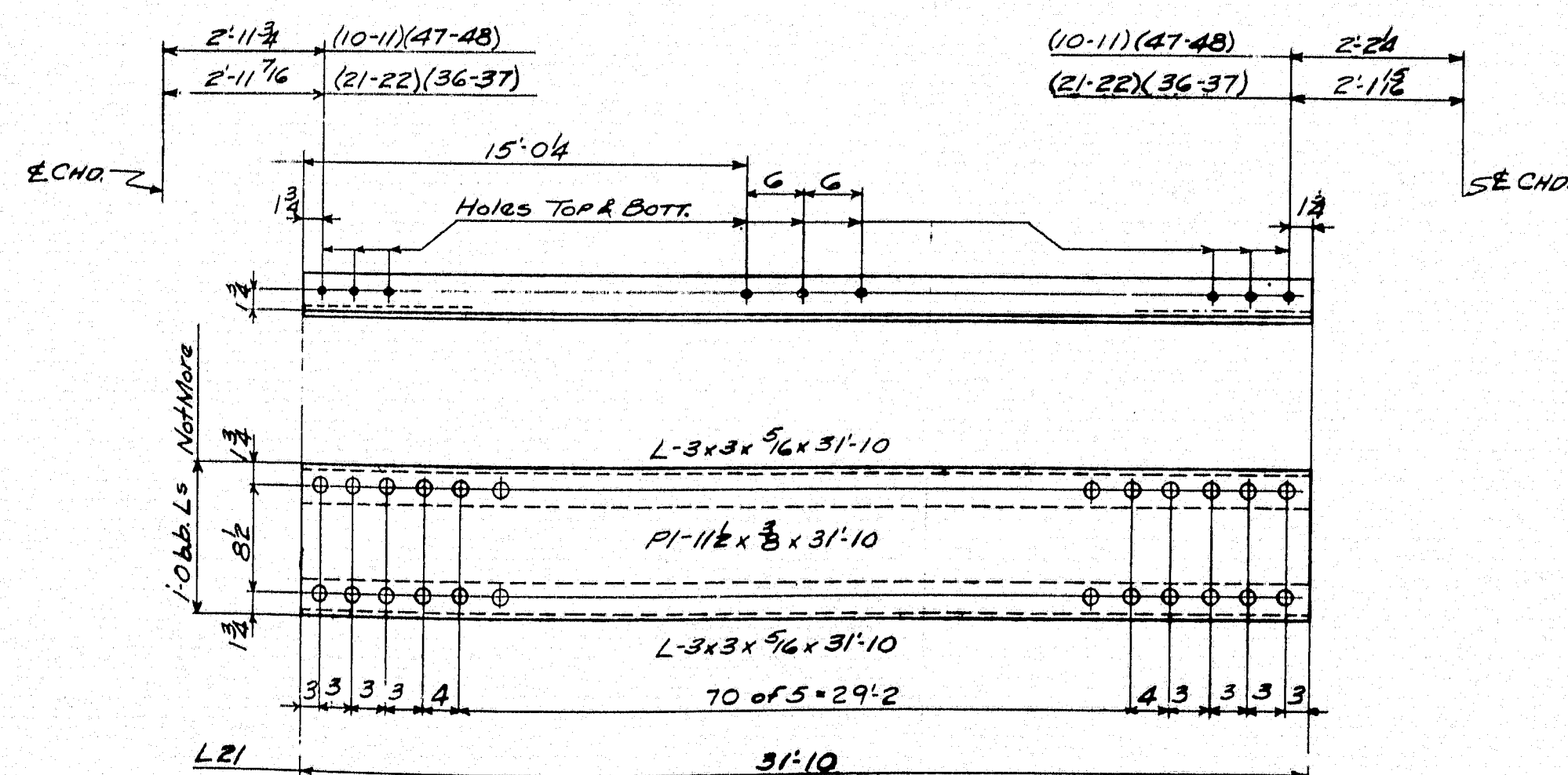
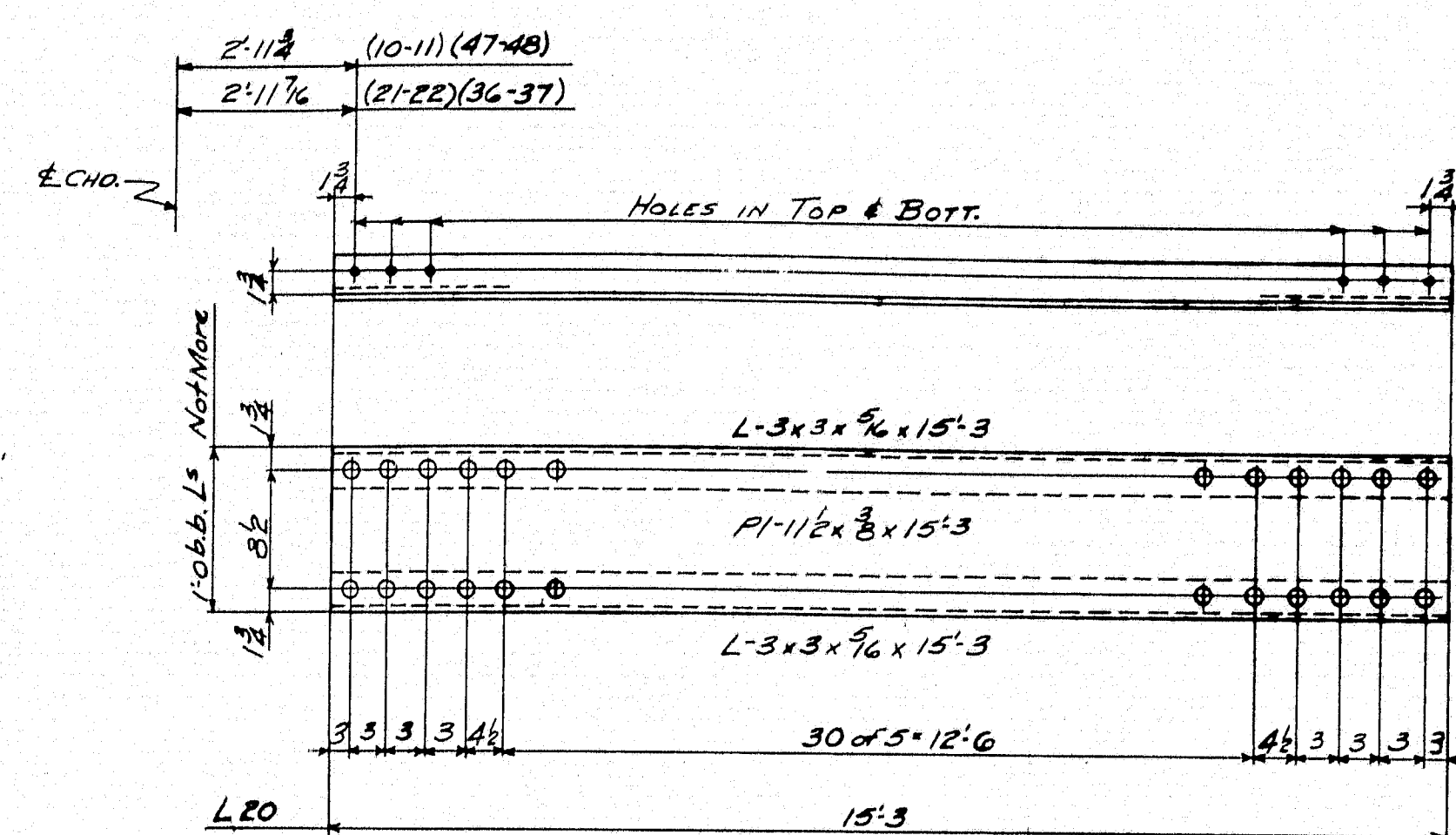
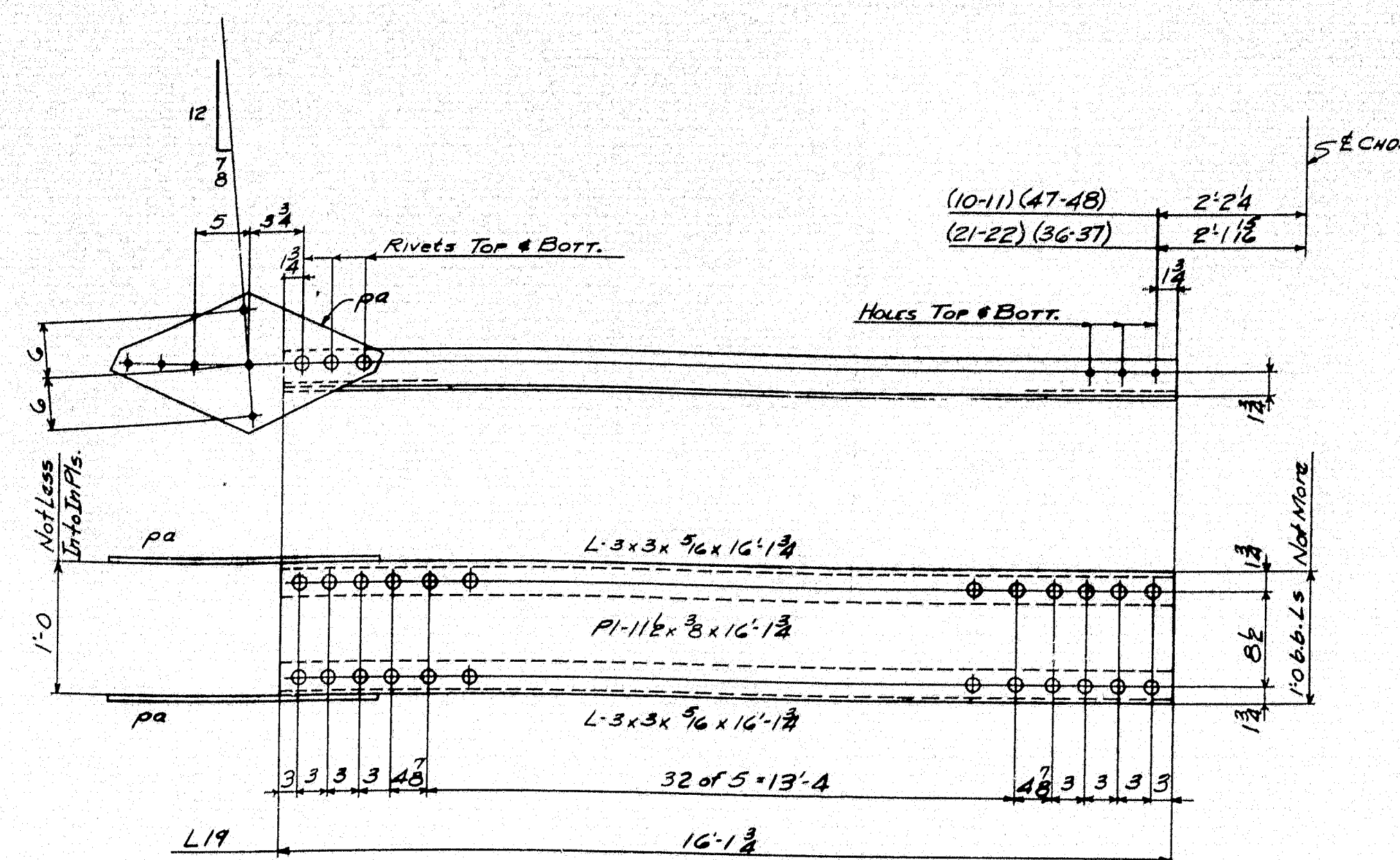
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REVISIONS	

DRAWINGS MADE AT AMBRIDGE #1 PLANT
WORK FABRICATED AT ELUMIA PLANT
IN CHARGE OF HILLS - EST
DRAW. MADE BY HILL DATE 10-22-48
DRAW. CHECKED BY H&K DATE 1-7-49
ORDER No. J5761-M SHEET No. 316

MA 310

52-166





Div	Line	Item	Material	Remarks	Ordered	Calculated
1111	1	1	4-BOTTOM LATERALS	L19		
	2	8	L 3 x 3 x 1/2 16 1/2		16-1 1/2 3439	
	3	4	PI 11 1/2 x 3/8 16 1/2		00 3370	
	4	8	PI 14 1/2 x 3/8 1 9/2	pa	16-1 1/2 3332	
1111	7	1	4-BOTTOM LATERALS	L20		
	8	8	L 3 x 3 x 1/2 15 3		15-3 3448	
	9	4	PI 11 1/2 x 3/8 15 3		00 3377	
1111	12	1	4-BOTTOM LATERALS	L21		
	13	8	L 3 x 3 x 1/2 31 10		31-10 3434	
	14	4	PI 11 1/2 x 3/8 31 10		00 3367	
1111	17	1	4-BOTTOM LATERALS	L22		
	18	8	L 3 x 3 x 1/2 16 1/2		16-2 1/4 3438	
	19	4	PI 11 1/2 x 3/8 16 1/2		00 3369	
	20	8	PI 14 1/2 x 3/8 1 9/2	pb	16-1 1/2 3332	
1111	23	1	4-BOTTOM LATERALS	L23		
	24	8	L 3 x 3 x 1/2 16 1		16-1 3440	
	25	4	PI 11 1/2 x 3/8 16 1		00 3371	
1111	28	1	4-BOTTOM LATERALS	L24		
	29	8	L 3 x 3 x 1/2 32 8 1/2		32-8 1/2 3430	
	30	4	PI 11 1/2 x 3/8 32 8 1/2		00 3363	

Bottom Laterals L19 to L24

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1 - 389 2

AMERICAN BRIDGE COMPANY
BRIDGE DIVISION

DRAWINGS MADE AT AMBRIDGE #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS-257
DRAW. MADE BY HILL DATE 10-25-48
DRAW. CHECKED BY H.B.K. DATE 1-3-49

ORDER No. J5761-M SHEET No. 317

Spacing Not Given: 3'

3 Rivets
15 Holes

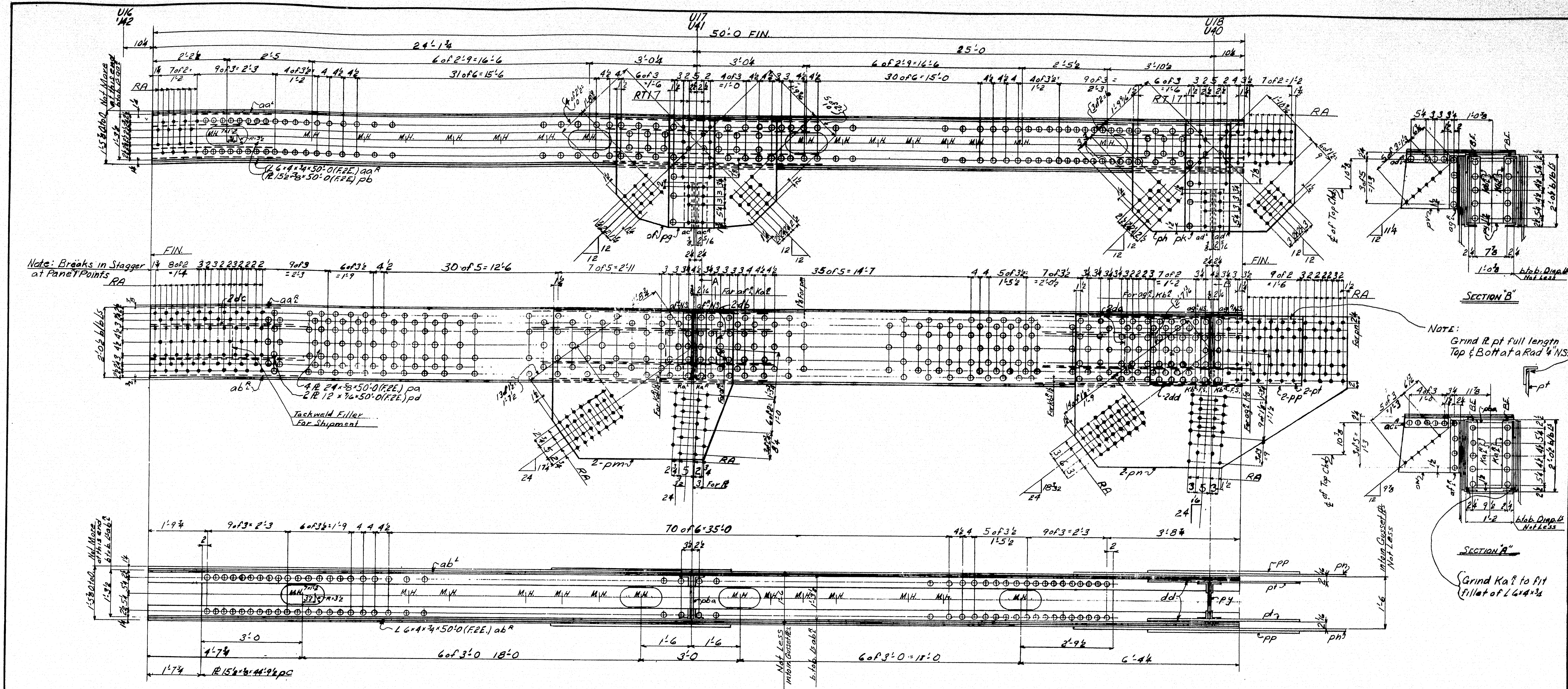
PAINT: 1/2
SHOP CONTACT SURFACES: No

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REVISED

52-167

0 1 2 3 4 5 INCHES



TOP CHORDS
U16-18" & RIKE
U12-40"

TABLE 1: MATERIAL LIST

LINE	ITEM	QUANTITY	UNIT	REMARKS
1	ONE TOP CHORD U16-18"	1	PLATE	
2	ONE TOP CHORD U16-18"	1	PLATE	
3	ONE TOP CHORD U12-40"	1	PLATE	
4	ONE TOP CHORD U12-40"	1	PLATE	
5	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
6	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
7	16 L 6 4 3/4 50.0 A36	16	ANGLE	F2E
8	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
9	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
10	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
11	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
12	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
13	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
14	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
15	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
16	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
17	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
18	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
19	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
20	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
21	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
22	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
23	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
24	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
25	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
26	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
27	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
28	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
29	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
30	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
31	16 L 3 1/2 3 1/2 1 10 1/2 A36	16	ANGLE	F2E
32	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
33	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
34	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
35	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
36	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
37	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
38	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
39	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
40	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
41	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
42	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
43	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
44	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
45	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
46	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
47	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
48	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
49	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
50	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
51	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
52	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
53	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
54	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
55	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
56	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
57	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
58	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
59	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
60	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E

TABLE 2: MATERIAL LIST

LINE	ITEM	QUANTITY	UNIT	REMARKS
1	ONE TOP CHORD U16-18"	1	PLATE	
2	ONE TOP CHORD U16-18"	1	PLATE	
3	ONE TOP CHORD U12-40"	1	PLATE	
4	ONE TOP CHORD U12-40"	1	PLATE	
5	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
6	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
7	16 L 6 4 3/4 50.0 A36	16	ANGLE	F2E
8	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
9	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
10	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
11	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
12	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
13	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
14	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
15	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
16	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
17	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
18	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
19	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
20	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
21	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
22	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
23	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
24	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
25	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
26	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
27	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
28	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
29	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
30	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
31	16 L 3 1/2 3 1/2 1 10 1/2 A36	16	ANGLE	F2E
32	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
33	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
34	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
35	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
36	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
37	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
38	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
39	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
40	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
41	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
42	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
43	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
44	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
45	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
46	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
47	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
48	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
49	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
50	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
51	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
52	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
53	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
54	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
55	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
56	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
57	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
58	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
59	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
60	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E

TABLE 3: MATERIAL LIST

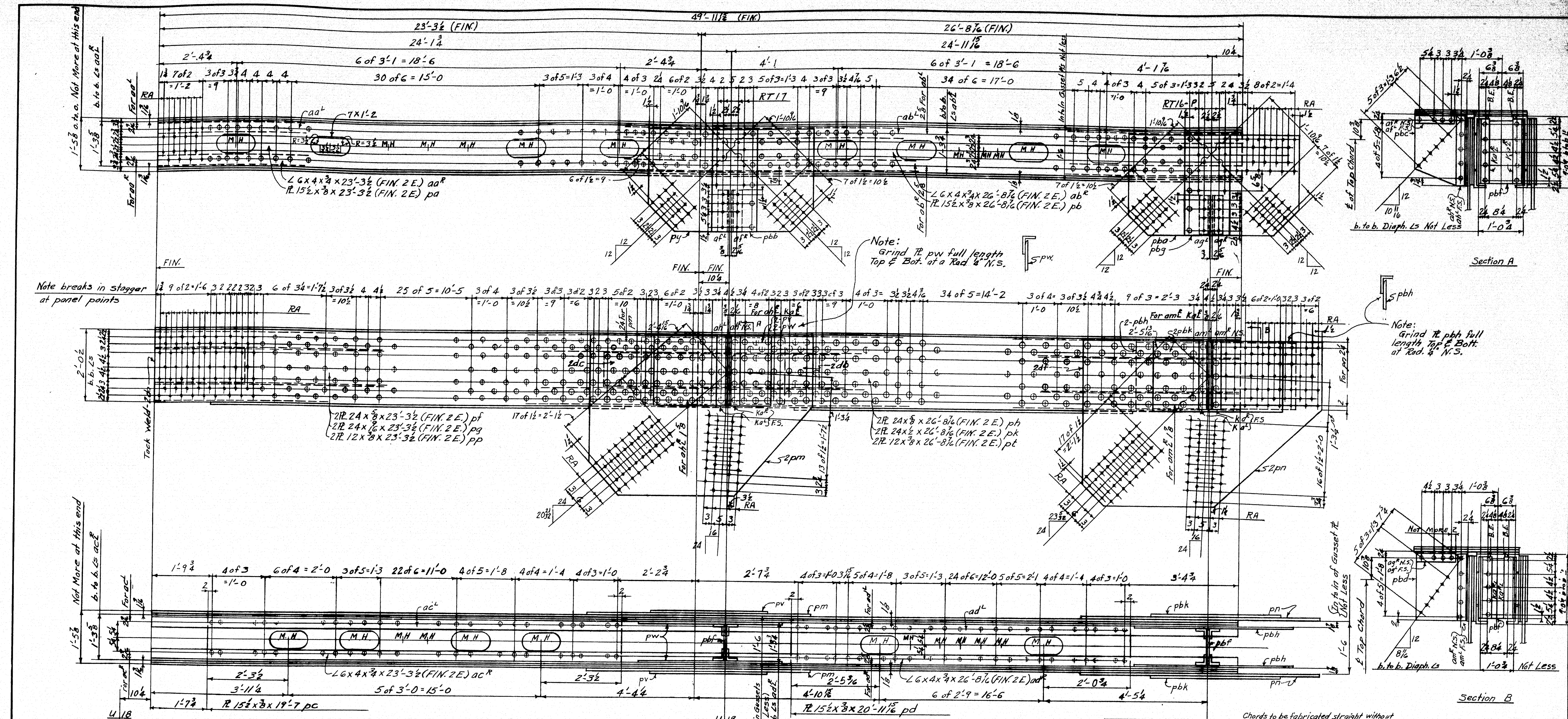
LINE	ITEM	QUANTITY	UNIT	REMARKS
1	ONE TOP CHORD U16-18"	1	PLATE	
2	ONE TOP CHORD U16-18"	1	PLATE	
3	ONE TOP CHORD U12-40"	1	PLATE	
4	ONE TOP CHORD U12-40"	1	PLATE	
5	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
6	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
7	16 L 6 4 3/4 50.0 A36	16	ANGLE	F2E
8	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
9	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
10	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
11	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
12	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
13	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
14	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
15	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
16	4 L 6 4 3/4 50.0 A36	4	ANGLE	F2E
17	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
18	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
19	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
20	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
21	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
22	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
23	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
24	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
25	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
26	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
27	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
28	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
29	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
30	8 L 6 4 3/4 50.0 A36	8	ANGLE	F2E
31	16 L 3 1/2 3 1/2 1 10 1/2 A36	16	ANGLE	F2E
32	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
33	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
34	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
35	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
36	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
37	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
38	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
39	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
40	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
41	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
42	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
43	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
44	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
45	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
46	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
47	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
48	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
49	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
50	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
51	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
52	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
53	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
54	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
55	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
56	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
57	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
58	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
59	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E
60	8 L 3 1/2 3 1/2 1 10 1/2 A36	8	ANGLE	F2E

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1 - 389 (2)

AMERICAN BRIDGE COMPANY
DRAWINGS MADE AT: Amb #1 PLANT
WORK FABRICATED AT: Elmira PLANT
IN CHARGE OF: Hills 257
DRAW. MADE BY: RM DATE: 10/14/48
DRAW. CHECKED BY: WUC DATE: 10/14/48
ORDER No. J5761-T SHEET No. 401

PAINT: Yes, except field control surfaces for main truss connections one coat lacquer.

SHOP CONTACT SURFACES: No



TOP CHORDS
U18-20" Alike
U40-38"
L. WT. 13 TONS

MATERIAL										ORDERED										MATERIAL										ORDERED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
LINE	Total Pcs. of Order	SHAPE	LENGTH Feet Inches	ASSEMBLY MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHP. PCE.	ITEM	LINE	Total Pcs. of Order	SHAPE	LENGTH Feet Inches	ASSEMBLY MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHP. PCE.	ITEM	LINE	Total Pcs. of Order	SHAPE	LENGTH Feet Inches	ASSEMBLY MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHP. PCE.	ITEM	LINE	Total Pcs. of Order	SHAPE	LENGTH Feet Inches	ASSEMBLY MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHP. PCE.	ITEM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

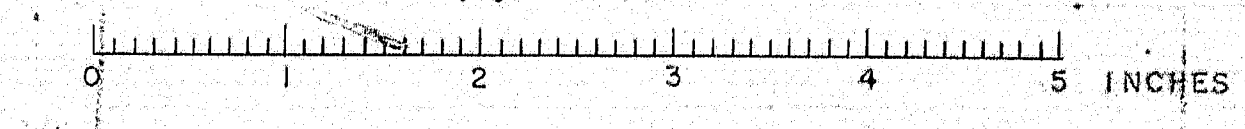
Chords to be fabricated straight without any sag at shop splice.
RIVETS: 3/4"
Holes 1/4"
Reaming Holes marked RA to be punched 1/4" small and reamed to size with parts assembled or to a metal template.
Holes marked RT are to be punched 1/4" small and reamed to size to metal template.
Sheared edges of plates marked E in shop shall be planed to a depth of 1/4".
ALL FLAME CUTTING to be done with a mechanical guide.

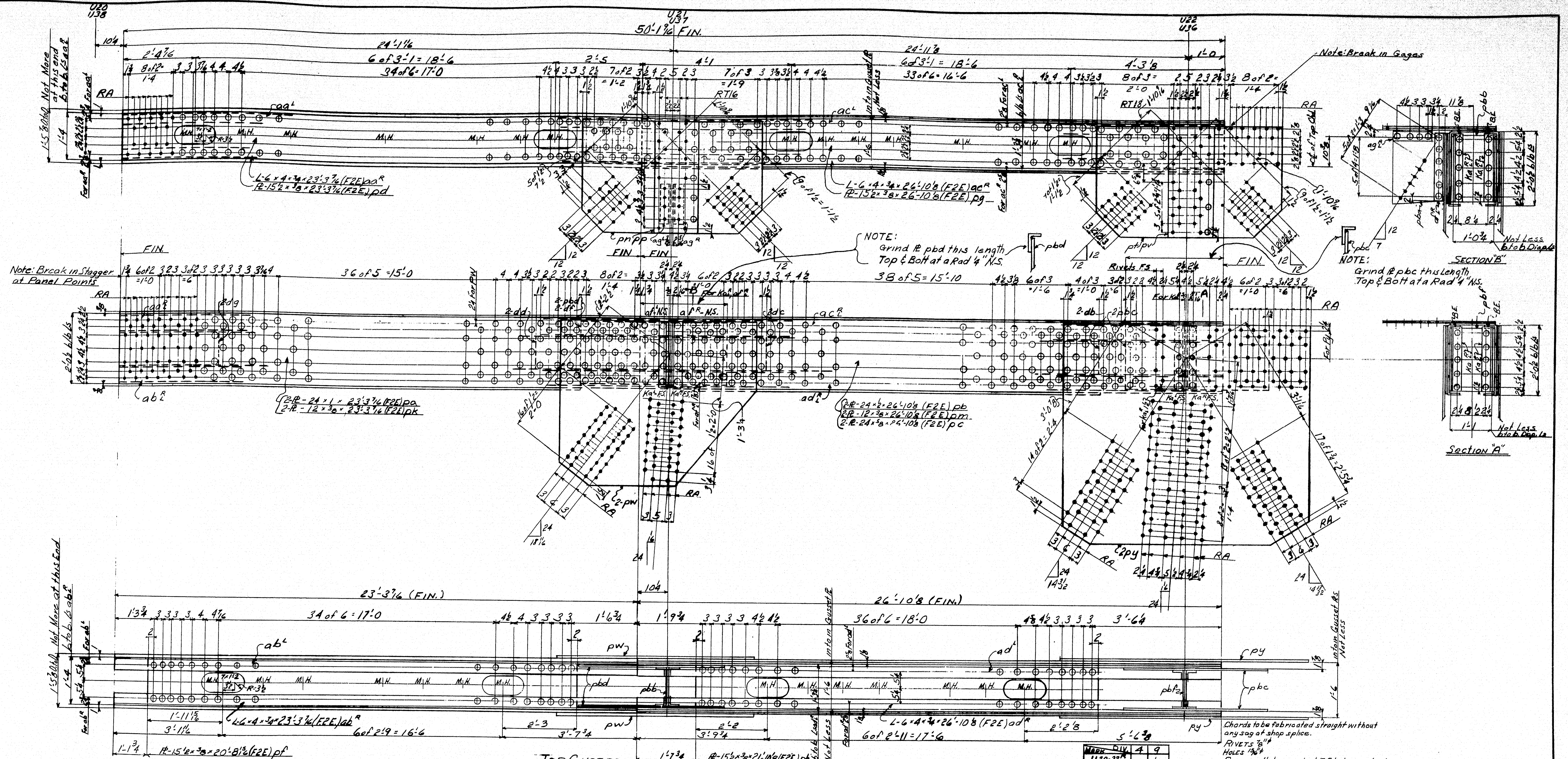
PAINT: Yes, except field contact surfaces for main cross connections one coat lacquer

MARK DIV. 4 9 U20 U38

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
DRAWINGS MADE AT A.M.B. No. 1 PLANT
WORK FABRICATED AT Elmira PLANT
IN CHARGE OF HILLS-257
DRAW. MADE BY J.D.B. DATE 11-19-48
DRAW. CHECKED BY WUG DATE 12-30-48
ORDER No. J5761-T SHEET No. 402





MATERIAL										MATERIAL										MATERIAL												
LINE	ITEM	SHAPE	LENGTH	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	SHAPE	LENGTH	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	SHAPE	LENGTH	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	SHAPE	LENGTH	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	SHAPE	LENGTH	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	
1	ONE TOP CHORD U20-22						16	4 R	15 3/4	21 1/2	ph	F2E	21 1/2	8 F	12 3/4	3 64	dc	F2E	44 1/2	4067					46							
2	ONE TOP CHORD U20-22						17	8 R	12 3/4	23 3/4	pk	F2E	23 3/4	8 F	12 3/4	2 94	dd	F2E	44 1/2	4067					47							
3	ONE TOP CHORD U20-22						18	8 R	12 3/4	26 1/2	pm	F2E	26 1/2	8 F	12 3/4	1 74	df	F2E	44 1/2	4067					48							
4	ONE TOP CHORD U20-22						19	4 R	3 1/2	5 0	pn		40 1/2	40 1/2	32 1/2	3 2	1 1/2	dg	F2E	44 1/2	4067				49							
5							20	4 R	15 3/4	2 3 1/2	pp		40 1/2	40 1/2	32 1/2	3 2	1 1/2	ka	F2E	44 1/2	4067				50							
6	4 L 6 4 3/4 23 3/4	aa		F2E	23 3/4	9071	21	4 R	3 1/2	5 1/4	pt		40 1/2	40 1/2	32 1/2	3 2	1 1/2	ka	F2E	44 1/2	4067				51							
7	4 L 6 4 3/4 23 3/4	ab		F2E	23 3/4	4079	22	4 R	15 3/4	2 3 1/2	pv		40 1/2	40 1/2	32 1/2	3 2	1 1/2	ka	F2E	44 1/2	4067				52							
8	4 L 6 4 3/4 26 1/2	ac		F2E	26 1/2	9057	23	8 R	5 1/2	7 5 5	pw	E	52 1/2	52 1/2	40 1/2	3 2	1 1/2	ag						53								
9	4 L 6 4 3/4 26 1/2	ad		F2E	26 1/2	4081	24	8 R	7 1/2	6 10 3/4	py	E	52 1/2	52 1/2	40 1/2	3 2	1 1/2	ag						54								
10	8 R	24 1 23 3/4	da	F2E	23 3/4	4081	25	4 R	17 3/4	2 0 2	pba		23 3/4	40 1/2	32 1/2	3 2	1 1/2	ag						55								
11	8 R	24 1 26 1/2	db	F2E	26 1/2	4081	26	4 R	1 1/2	3 1 10 3/4	pbb		23 3/4	40 1/2	32 1/2	3 2	1 1/2	ag						56								
12	8 R	24 1 26 1/2	dc	F2E	26 1/2	4081	27	8 R	22 3/4	3 1 10 3/4	pbc	Grind	31 1/2	40 1/2	32 1/2	3 2	1 1/2	ag						57								
13	4 R	15 3/4 23 3/4	dd	F2E	23 3/4	4081	28	8 R	22 3/4	3 1 10 3/4	pbd		35 1/2	40 1/2	32 1/2	3 2	1 1/2	ag						58								
14	4 R	15 3/4 20 8 1/2	de	F2E	20 8 1/2	4081	29	4 R	1 1/2	3 1 10 3/4	pbf		35 1/2	40 1/2	32 1/2	3 2	1 1/2	ag						59								
15	4 R	15 3/4 26 1/2	pg	F2E	26 1/2	4081	30	8 R	12 3/4	3 4 3/4	db	F2E	44 1/2	40 1/2	32 1/2	3 2	1 1/2	ag						60								

Chords to be fabricated straight without any sag at shop splice.
 RIVETS 8"
 HOLES 1 1/2"
 Reaming Holes marked RA to be punched 4" small and reamed to size with parts assembled or to a metal template.
 Holes marked RT are to be punched 4" small and reamed to size with parts assembled or to a metal template. When any of the main material is thicker than 4" all holes shall be punched or drilled 4" small and reamed to size.
 ALL FLAME CUTTING to be done with a mechanical guide.
 Sheared edges of plates marked E in shop bill shall be planed to a depth of 1/4".

PAINT: Yes, except field contact surfaces for main truss connections one coat lacquer

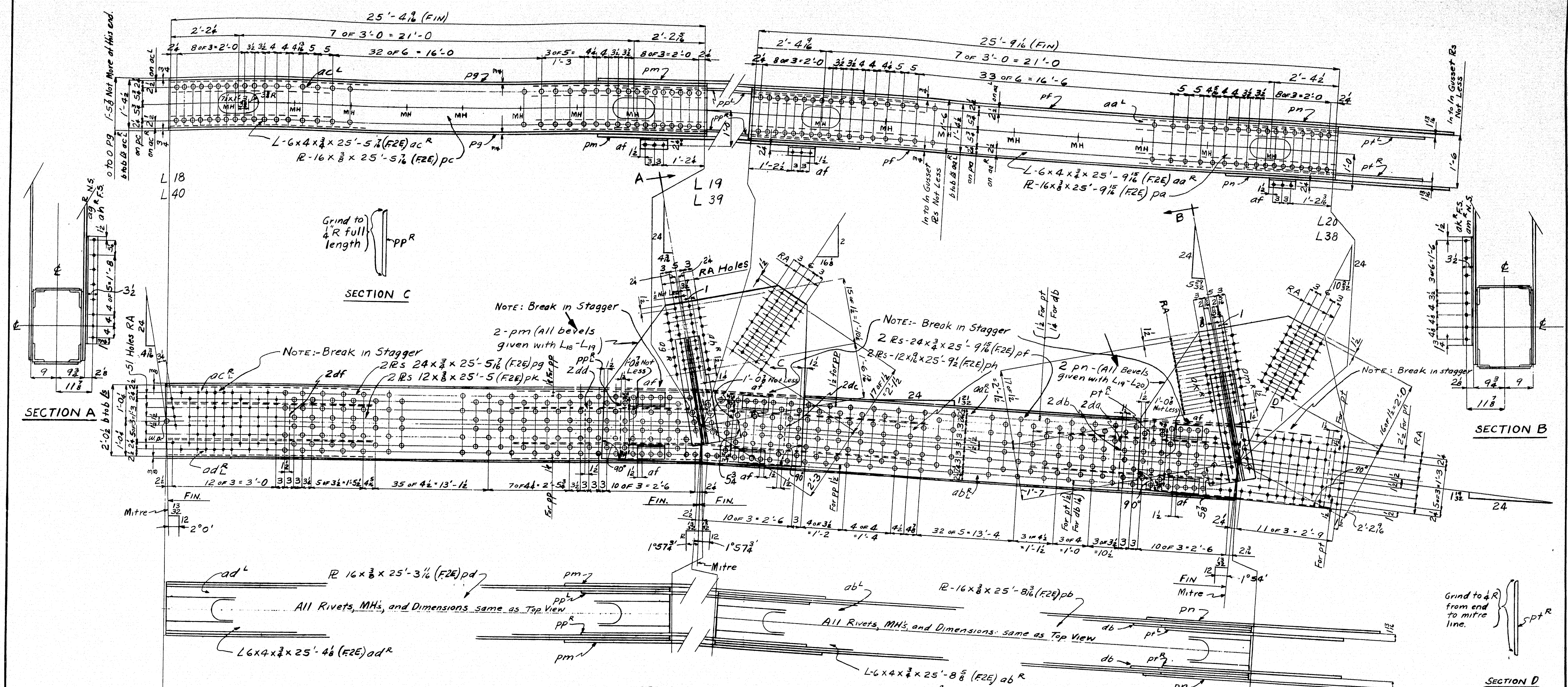
SHOP CONTACT SURFACES 10

State of Maine
 State Highway Commission
 Bridge Division
 Bridge over Kennebec River
 Augusta, Maine
 Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
 DRAWINGS MADE AT: Amb #1 PLANT
 WORK FABRICATED AT: Elmira PLANT
 IN CHARGE OF: HILLS - 257
 DRAW. MADE BY: R.M. DATE: 1-5-49
 DRAW. CHECKED BY: WUC DATE: 1-5-49
 ORDER No. J5761-T
 SHEET No. 403

403

52-172



BOTTOM CHORDS
 L18-20" } ALIKE L.WGT. 12 TONS
 L40-38" }

LINE	ITEM	MATERIAL	LENGTH	REMARKS	ORDERED	ITEM	MATERIAL	LENGTH	REMARKS	ORDERED	ITEM	MATERIAL	LENGTH	REMARKS	ORDERED
1	ONE BOTTOM CHORD	L18-20"				16	8 R	12 1/2	25 9 1/2	PH	F2E	25 11 1/2	25 9 1/2	PH	F2E
2	ONE BOTTOM CHORD	L18-20"				17	8 R	12 1/2	25 5	PK	F2E	25 11 1/2	25 5	PK	F2E
3	ONE BOTTOM CHORD	L40-38"				18	8 R	62 1/2	5 8	PM	E	25 11 1/2	62 1/2	5 8	PM
4	ONE BOTTOM CHORD	L40-38"				19	8 R	64 1/2	5 10 1/2	PM	E	25 11 1/2	64 1/2	5 10 1/2	PM
5						20	8 FILL	12 1/2	3 3 1/2	QA	F1E	25 11 1/2	12 1/2	3 3 1/2	QA
6	8 L 6 4 1/2	25 9 1/2	QA R	F2E		21	8 FILL	22 1/2	3 4 1/2	QA	F1E	25 11 1/2	22 1/2	3 4 1/2	QA
7	8 L 6 4 1/2	25 8 1/2	QA R	F2E		22	8 FILL	12 1/2	2 4 1/2	QA	F1E	25 11 1/2	12 1/2	2 4 1/2	QA
8	8 L 6 4 1/2	25 5 1/2	QA R	F2E		23	8 FILL	12 1/2	3 4	QA	F1E	25 11 1/2	12 1/2	3 4	QA
9	8 L 6 4 1/2	25 4 1/2	QA R	F2E		24	8 FILL	12 1/2	3 7 1/2	QA	F1E	25 11 1/2	12 1/2	3 7 1/2	QA
10	4 R	16 1/2	25 9 1/2	QA	F2E	25						25 11 1/2			
11	4 R	16 1/2	25 8 1/2	QA	F2E	26	8 R	24 1/2	4 9	PP R	Grind	25 11 1/2	24 1/2	4 9	PP R
12	4 R	16 1/2	25 5 1/2	QA	F2E	27	8 R	24 1/2	5 2 1/2	PP R	Grind	25 11 1/2	24 1/2	5 2 1/2	PP R
13	4 R	16 1/2	25 3 1/2	QA	F2E	28	24 L	5 3 1/2	9	af		25 11 1/2	5 3 1/2	9	af
14	8 R	16 1/2	25 9 1/2	QA	F2E	29	4 L	4 3 1/2	3 0 1/2	af		25 11 1/2	4 3 1/2	3 0 1/2	af
15	8 R	24 1/2	25 5 1/2	QA	F2E	30	4 L	5 3 1/2	3 0 1/2	af		25 11 1/2	5 3 1/2	3 0 1/2	af

NOTE:
 REAMING: When any of the main material is thicker than 1/2", all holes shall be punched or drilled 1/8" and reamed to size assembled. Holes marked RA are to be punched or drilled 1/8" and reamed to size assembled or to a metal template. SHEARED EDGES of plates marked E in shop bill, shall be planed to a depth of 1/8". ALL FLAME CUTTING shall be done with a mechanical guide.

Holes
 Rivets

PAINT: Yes, except field contact surfaces for main truss connections one coat lacquer.

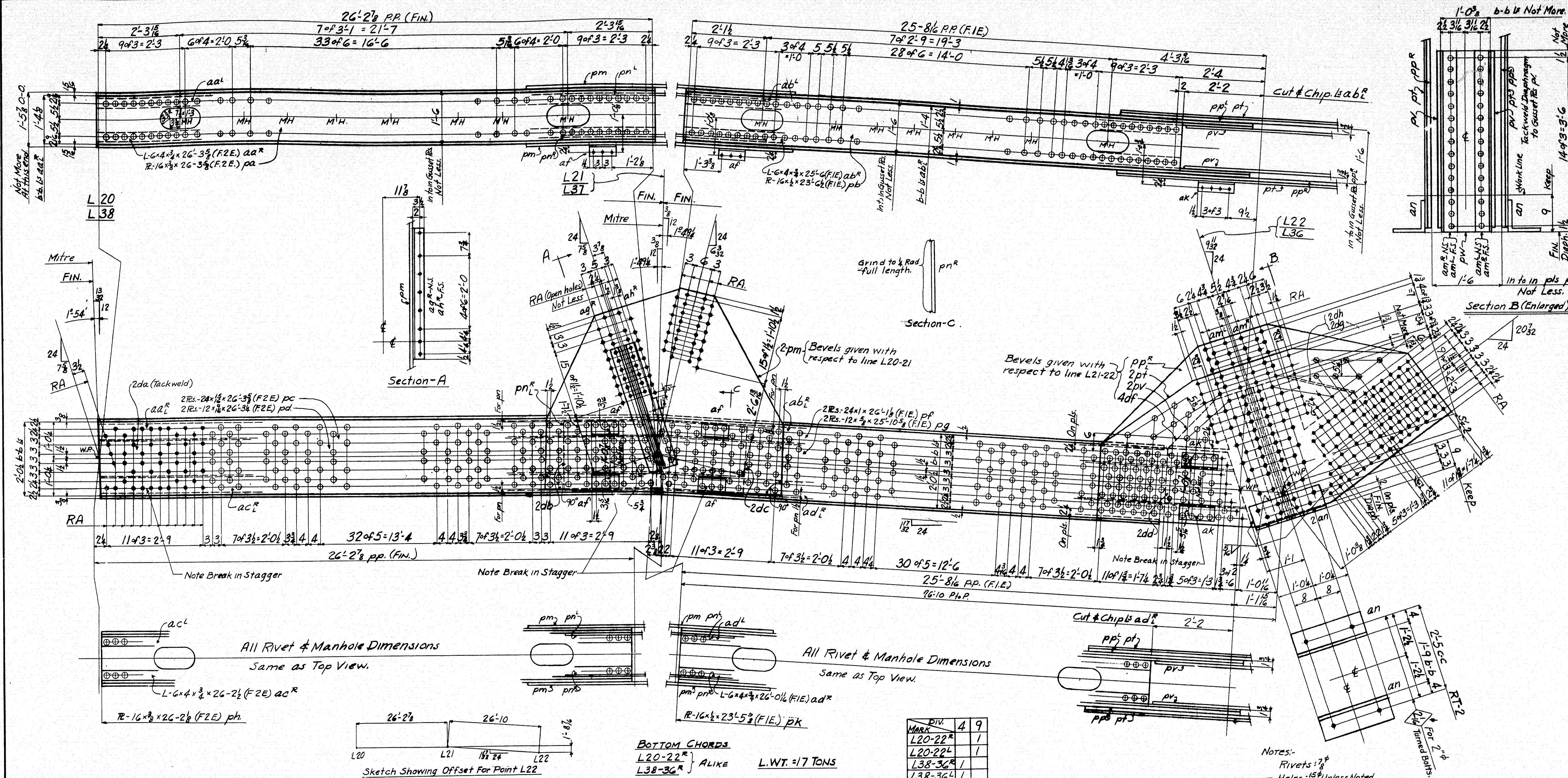
SHOP CONTACT SURFACES

State of Maine
 State Highway Commission
 Bridge Division
 Bridge over Kennebec River
 Augusta, Maine
 Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
 UNITED STATES PATENT OFFICE

DRAWINGS MADE AT: AMBRIDGE PLANT
WORK FABRICATED AT: ELMIRA PLANT
IN CHARGE OF: HILLS - 257
DRAW. MADE BY: CAS DATE 10-14-48
DRAW. CHECKED BY: HUG. DATE 1-14-49

ORDER No. 5761-T **SHEET No. 405**



Reaming: When any of the main material is thicker than 3/4" all holes shall be punched or drilled 1/8" small and reamed to size assembled. Holes marked RA are to be punched or drilled 1/8" small and reamed to size with parts assembled or to a metal template.

Holes marked RT are to be punched or drilled 1/8" small and reamed to size to a metal template.

Sheared edges of plates marked E in shop bill shall be filed to a depth of 1/4"

PAINT: Veg. Enamel field contact surfaces for main truss connections One Coat. Lacquer.

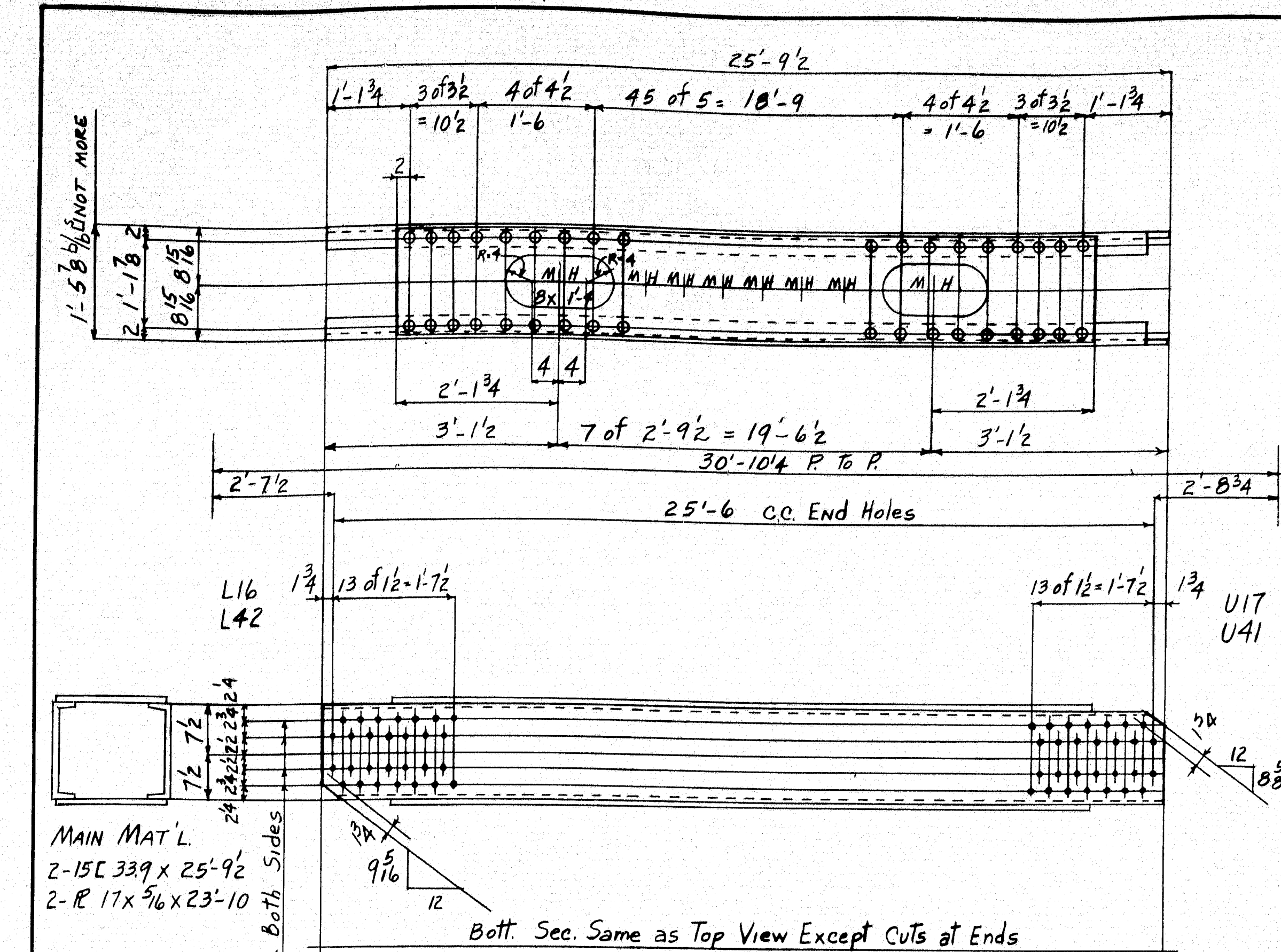
SHOP CONTACT SURFACES No. **REVISIONS**

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
 Bridge - 5196 Project E1, U1 - 389 (2)

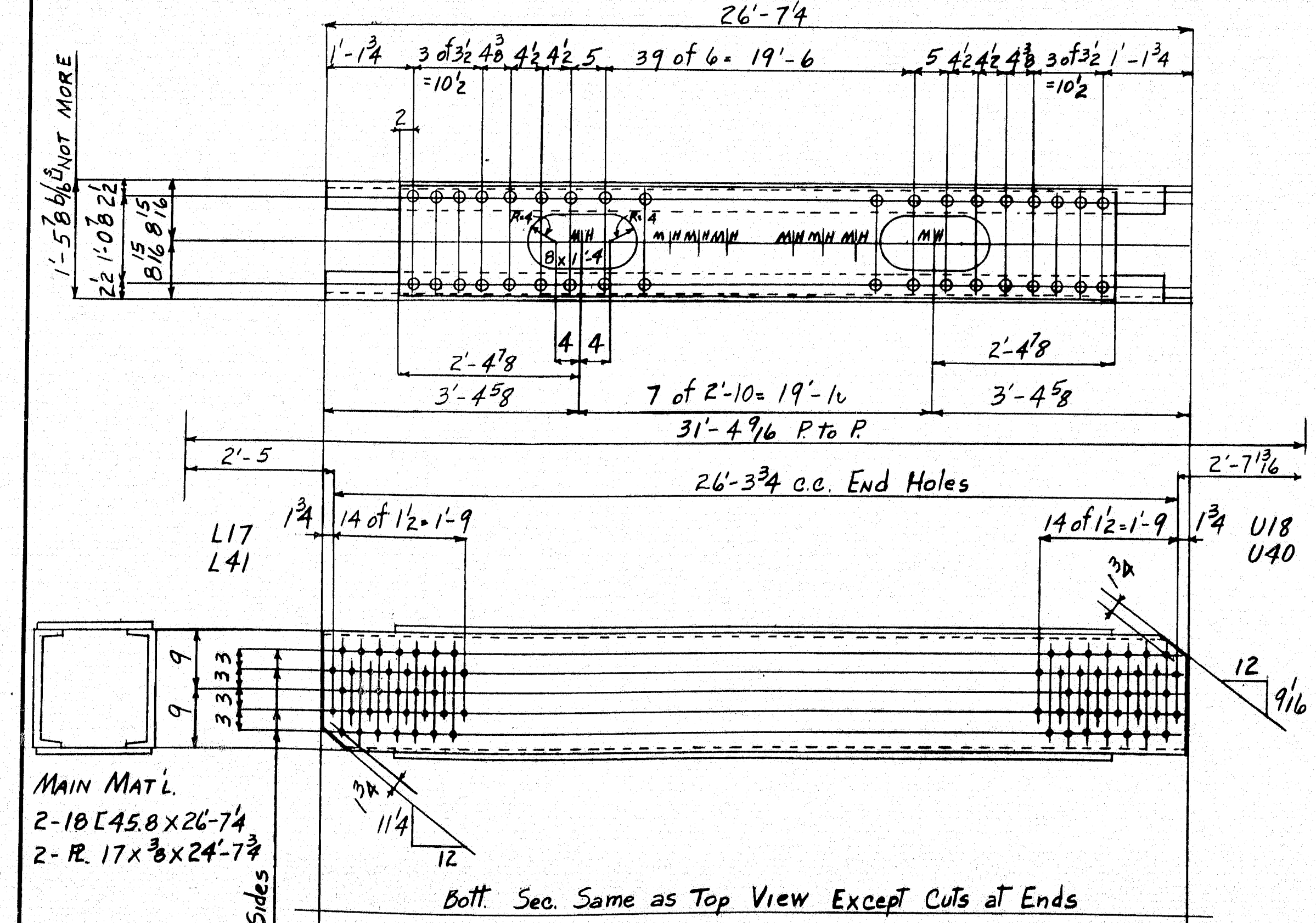
AMERICAN BRIDGE COMPANY
 UNITED STATES STEEL CORPORATION AFFILIATE

DRAWINGS MADE AT ANDERIDGE PLANT
 WORK FABRICATED AT ELMIRA PLANT
 IN CHARGE OF HILLS - 257
 DRAW. MADE BY J.A.G. DATE 10-18-41
 DRAW. CHECKED BY W.U.G. DATE 11-2-49

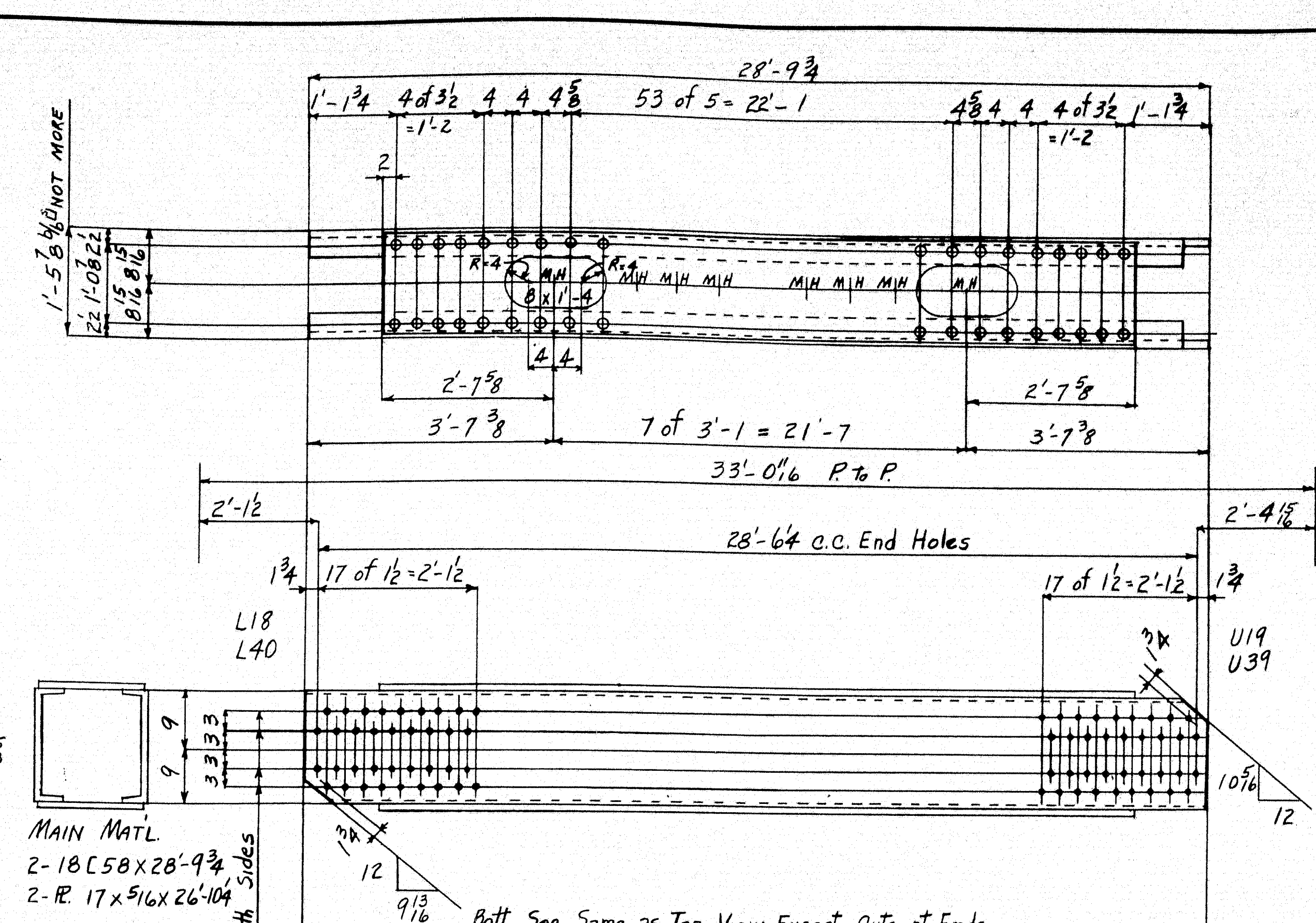
ORDER No. J-5761-T **SHEET No.** 406



L16-U17
L16-U17A } ALIKE
L42-U41
L42-U41A }



L17-U18
L17-U18A } ALIKE
L41-U40
L41-U40A }



L18-U19
L18-U19A } ALIKE
L40-U39
L40-U39A }

NOTES:
REAMING: HOLES MARKED RA
ARE TO BE PUNCHED IN SMALL
AND REAMED TO SIZE WITH
PARTS ASSEMBLED OR TO A
METAL TEMPLATE.
ALL FLAME CUTTING SHALL BE
DONE WITH A MECHANICAL
GUIDE

RIVETS 7/8
HOLES 15/16

LINE	ITEM	MATERIAL	SHAPE	LENGTH	AREA	REMARKS	ORDERED	ITEM	WEIGHT
1	1	ONE	DIAGONAL			L16-U17			
1	2	ONE	DIAGONAL			L16-U17A			
1	4	ONE	DIAGONAL			L42-U41			
1	5	ONE	DIAGONAL			L42-U41A			
7	7	B 15C 339		25' 9 1/2					
8	8	B R		17 5/16	23' 10				
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21	21	ONE	DIAGONAL			L17-U18			
22	22	ONE	DIAGONAL			L17-U18A			
23	23	ONE	DIAGONAL			L41-U40			
24	24	ONE	DIAGONAL			L41-U40A			
25									
26	26	B 18C 458		26' 7 1/4					
27	27	B R		17 3/8	24' 7 3/8				
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40	40	ONE	DIAGONAL			L18-U19			
41	41	ONE	DIAGONAL			L18-U19A			
42	42	ONE	DIAGONAL			L40-U39			
43	43	ONE	DIAGONAL			L40-U39A			
44									
45	45	B 18C 58		28' 9 3/4					
46	46	B R		17 5/16	26' 10 1/4				
47									
48									
49									
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64									

DIAGONALS

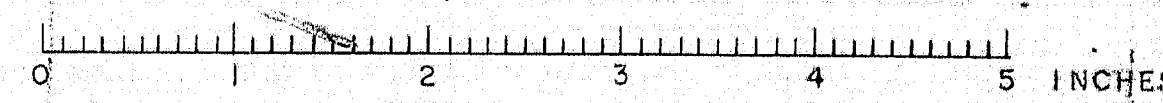
State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 2

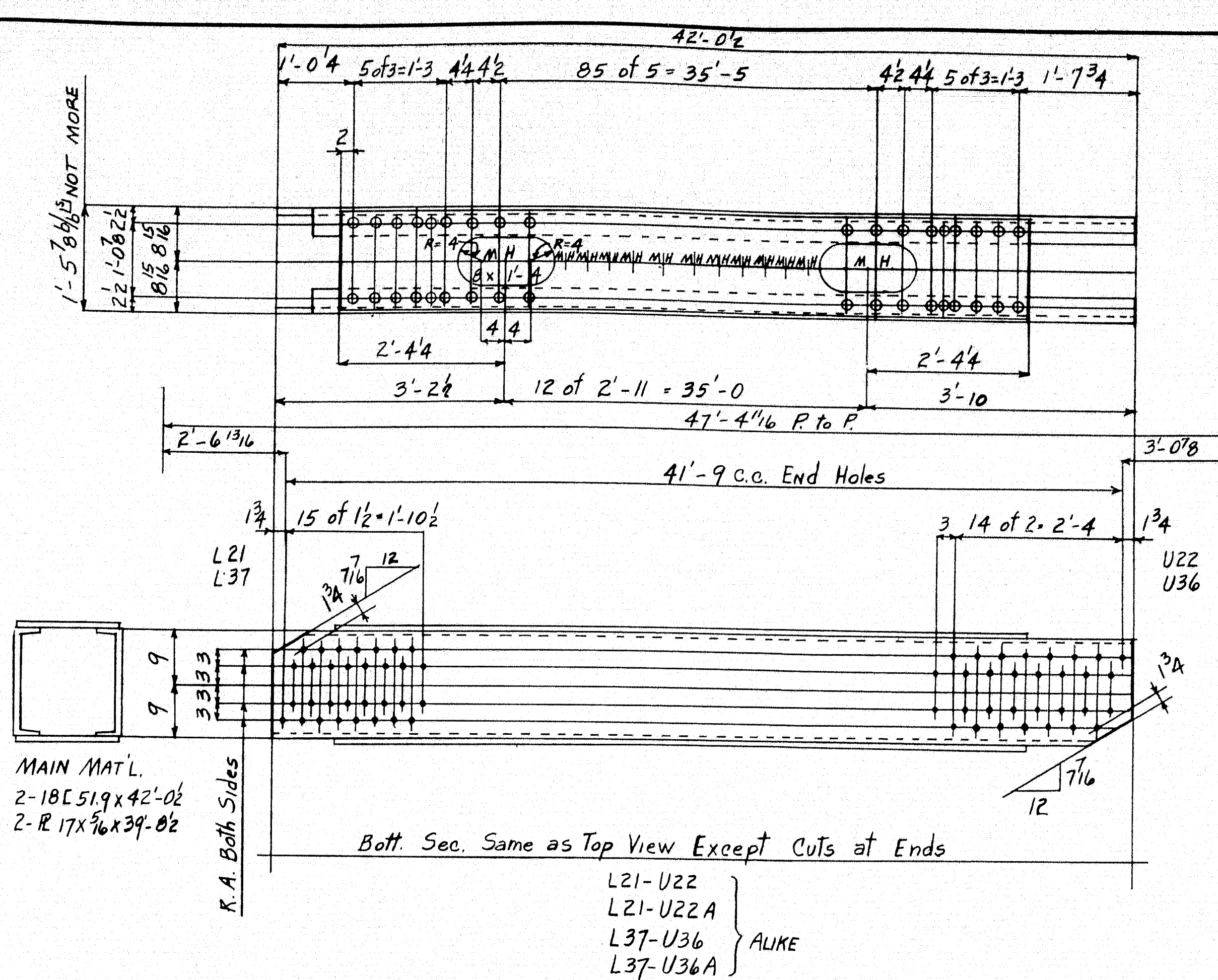
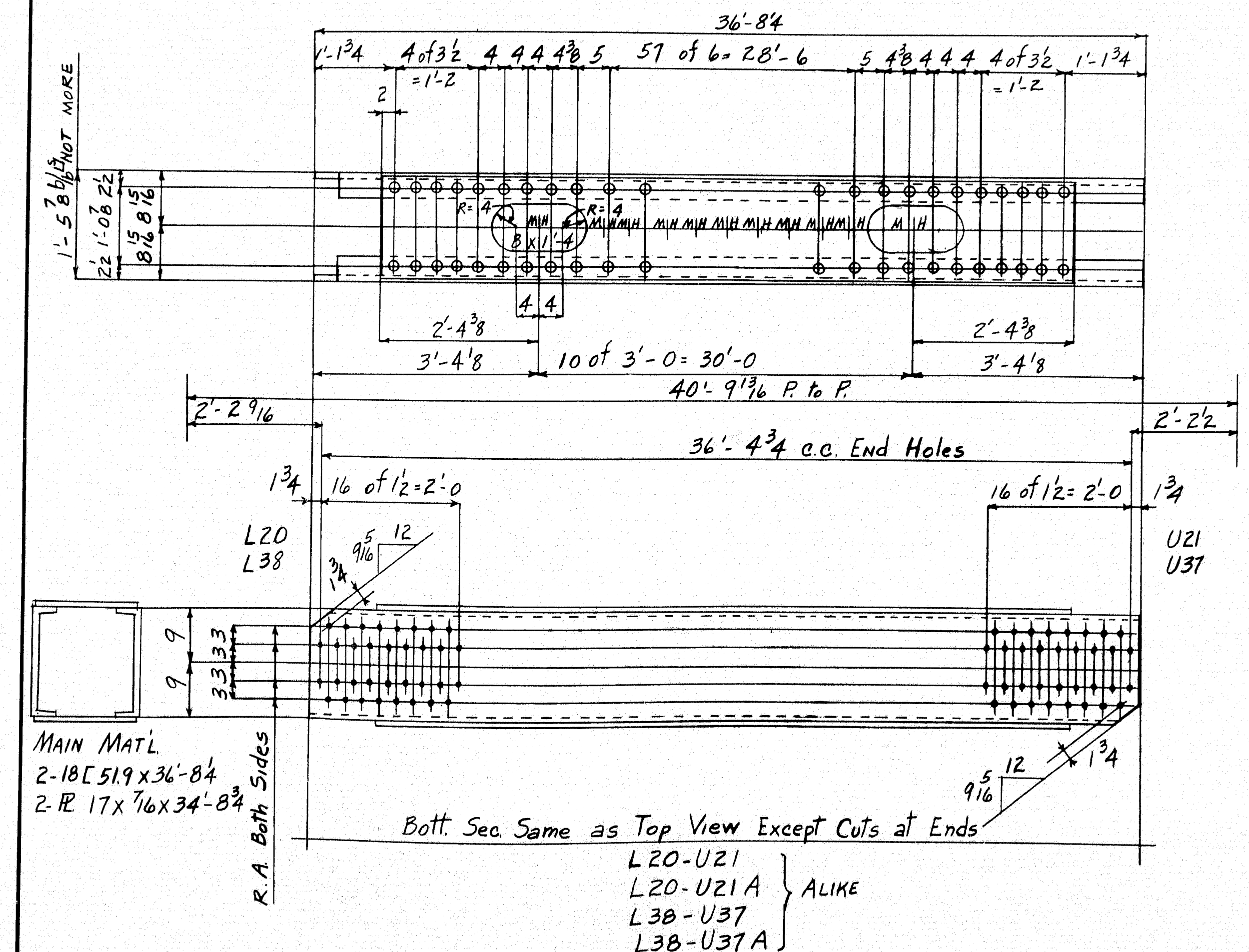
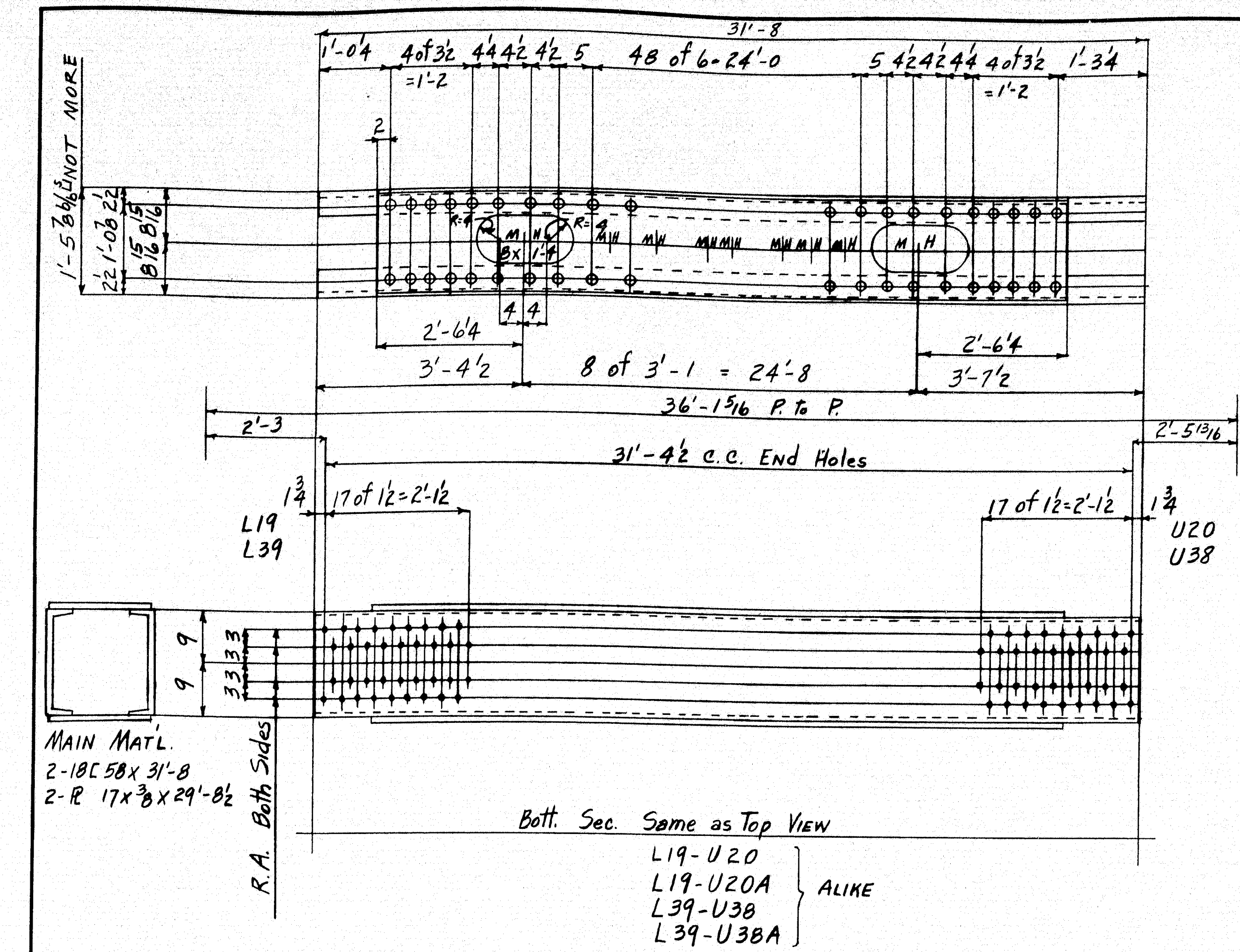
AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

DRAWINGS MADE AT AMB - #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS - 257
DRAW. MADE BY JB DATE 10-13-48
DRAW. CHECKED BY WUC DATE 1-19-49

ORDER No. J5761-T SHEET No. 407

MA 407 52-176

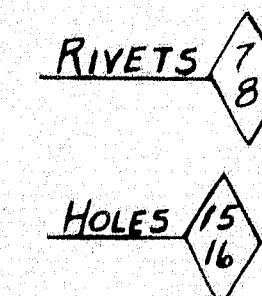




DIV.	LINE	NO. OF	MATERIAL	LENGTH	ASSEMBLY	REMARKS	ORDERED	ITEM	WEIGHT	FOR ONE
9 4	1	2	ONE DIAGONAL							PIECE
	1	2	ONE DIAGONAL			L19-U20				
	1	3	ONE DIAGONAL			L19-U20A				
	1	4	ONE DIAGONAL			L39-U38				
	1	5	ONE DIAGONAL			L39-U38A				
	7	8	8 1/8 L58	31' 8					31'-8	4755
	8	8	8 R	17 3/8	29' 8 1/2				29'-8 1/2	4755
	19	20	ONE DIAGONAL			L20-U21				
	1	21	ONE DIAGONAL			L20-U21A				
	1	22	ONE DIAGONAL			L38-U37				
	1	23	ONE DIAGONAL			L38-U37A				
	24	25	8 1/8 L51.9	36' 8 1/4					36'-8 1/4	4075
	26	26	8 R	17 7/16	34' 8 1/4				34'-8 1/4	4075
	38	39	ONE DIAGONAL			L21-U22				
	1	40	ONE DIAGONAL			L21-U22A				
	1	41	ONE DIAGONAL			L37-U36				
	1	42	ONE DIAGONAL			L37-U36A				
	43	44	8 1/8 L51.9	42' 0 1/2					42'-0 1/2	4752
	45	46	8 R	17 5/16	39' 8 1/2				39'-8 1/2	4752

DIAGONALS

NOTES:
REMARKS: HOLES MARKED R.A.
ARE TO BE PUNCHED & SMALL
AND REAMED TO SIZE WITH
PARTS ASSEMBLED OR TO A
METAL TEMPLAT.
ALL FLAME CUTTING SHALL BE
DONE WITH A MECHANICAL
GUIDE.



YES, EXCEPT FIELD CON-
TACT SURFACES; FOR MAIN
TRUSS CONNECTIONS ONE
COAT LACQUER.
SHOP CONTACT SURFACES: NO

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C	
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State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 2

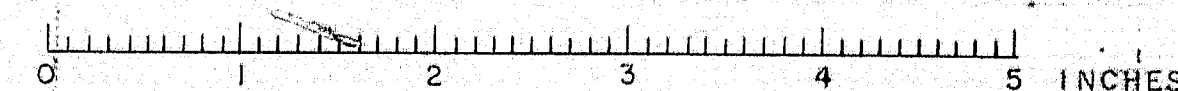
AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

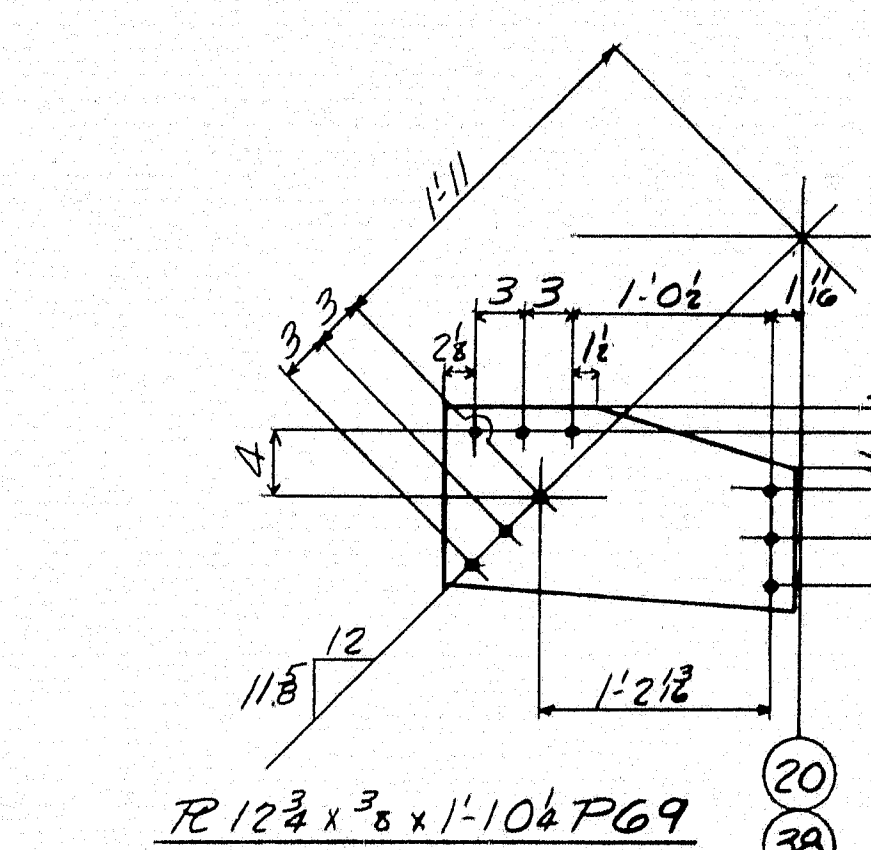
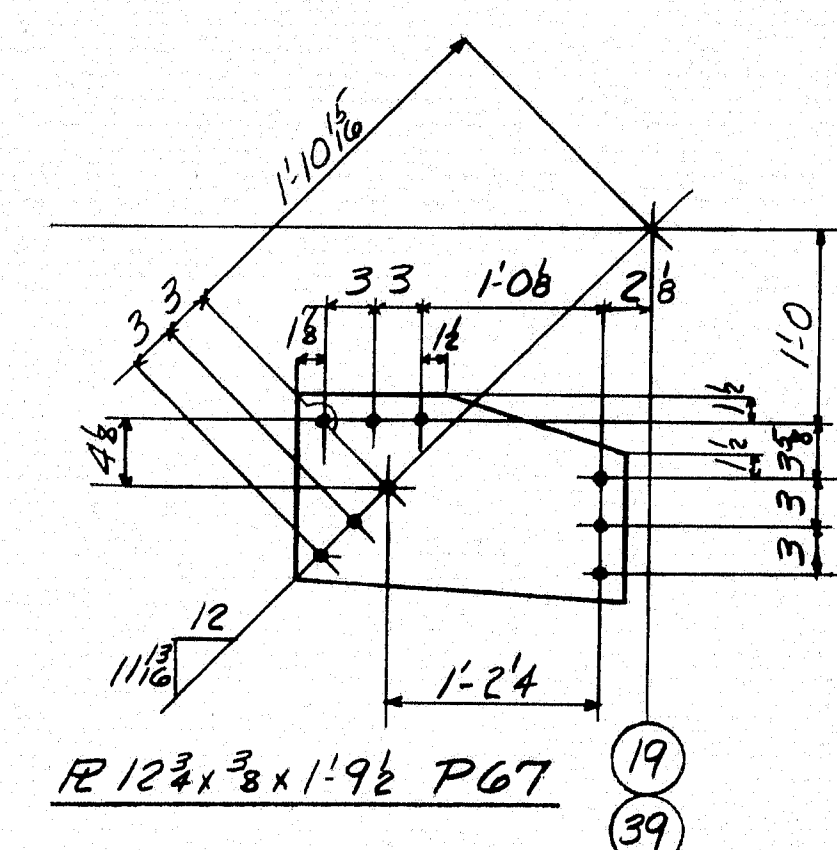
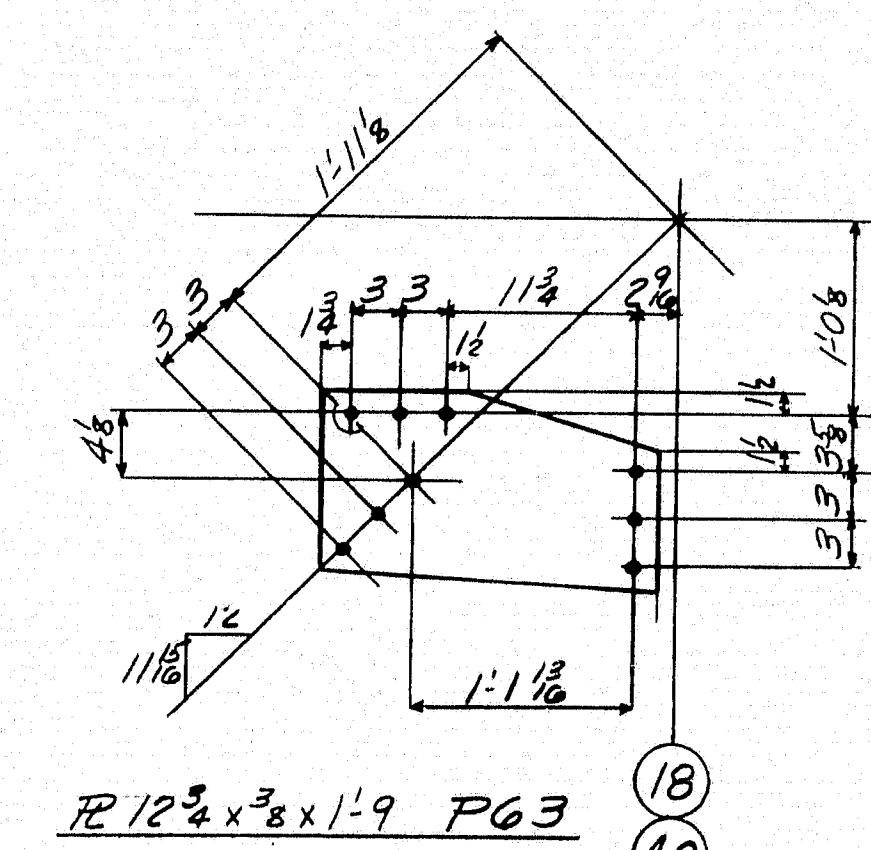
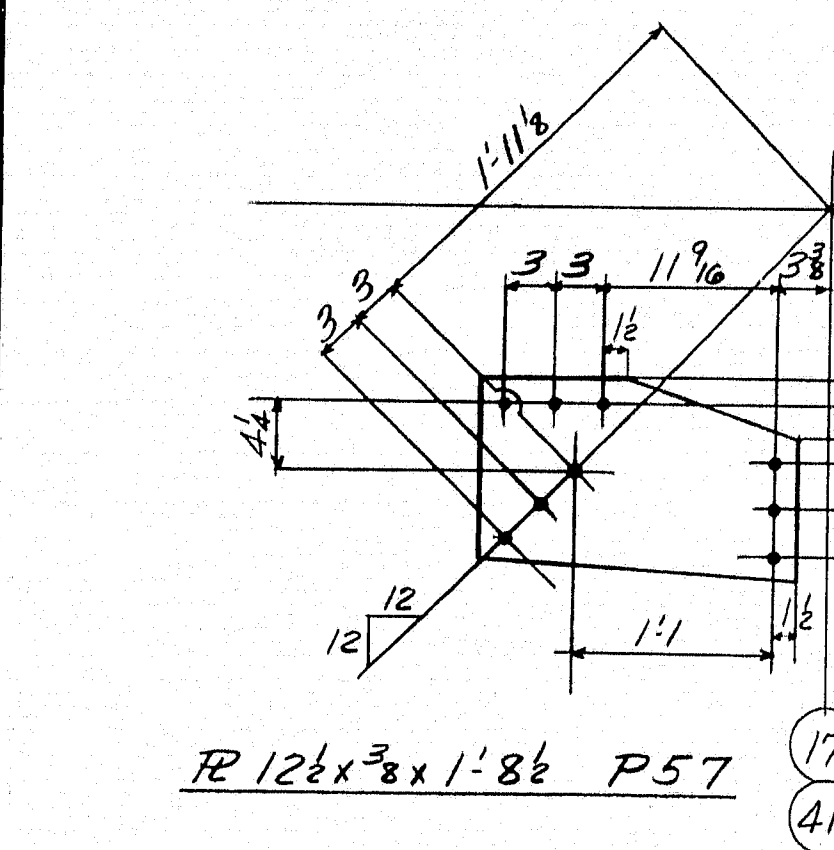
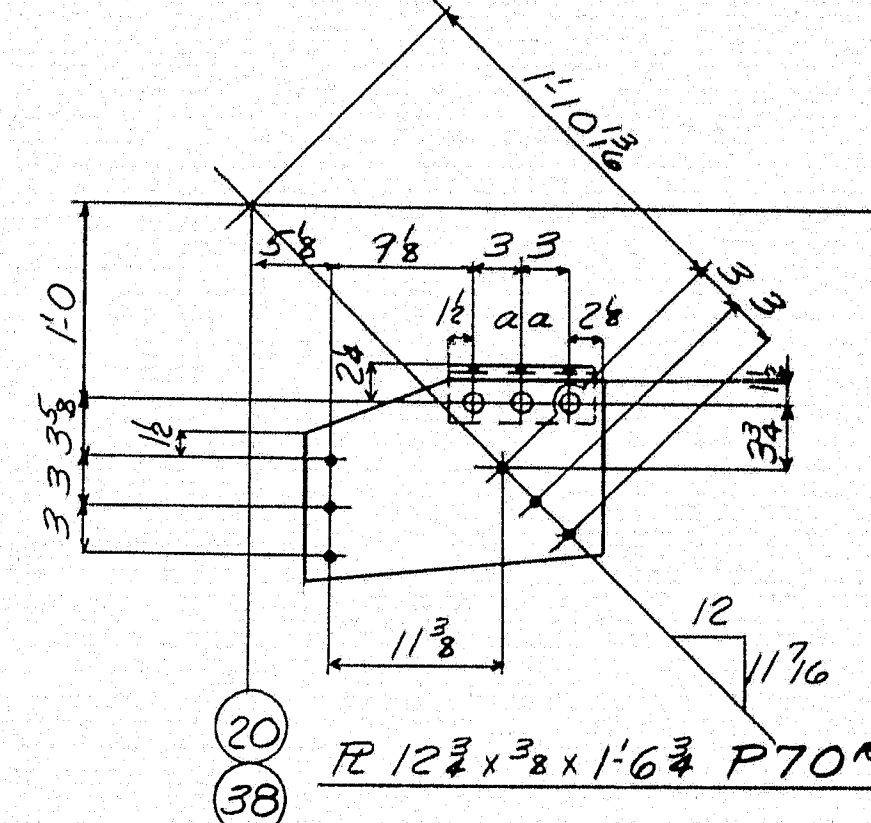
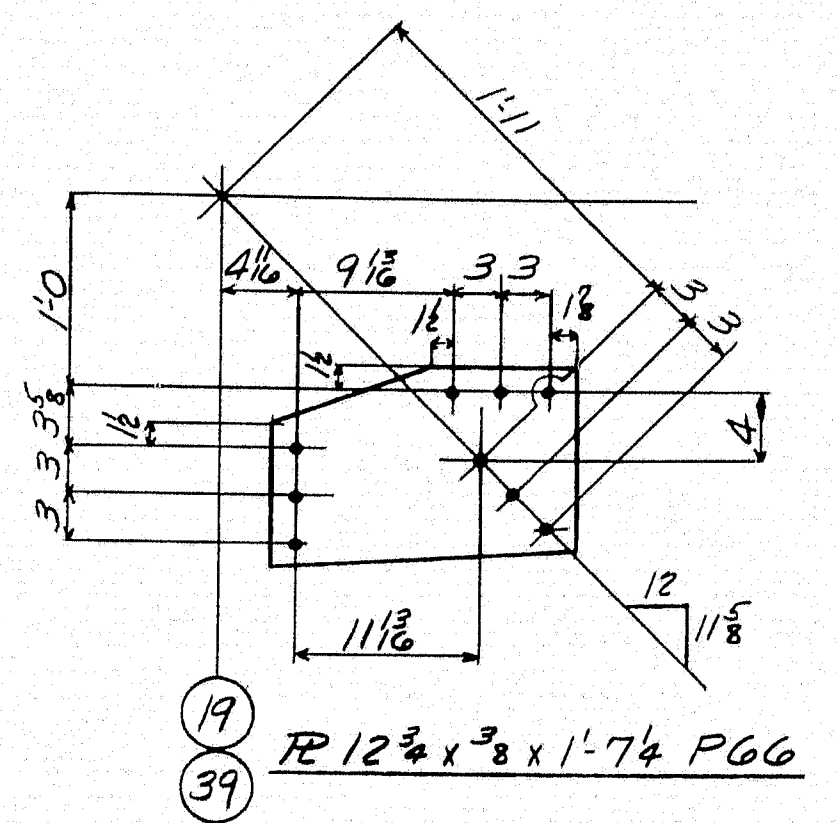
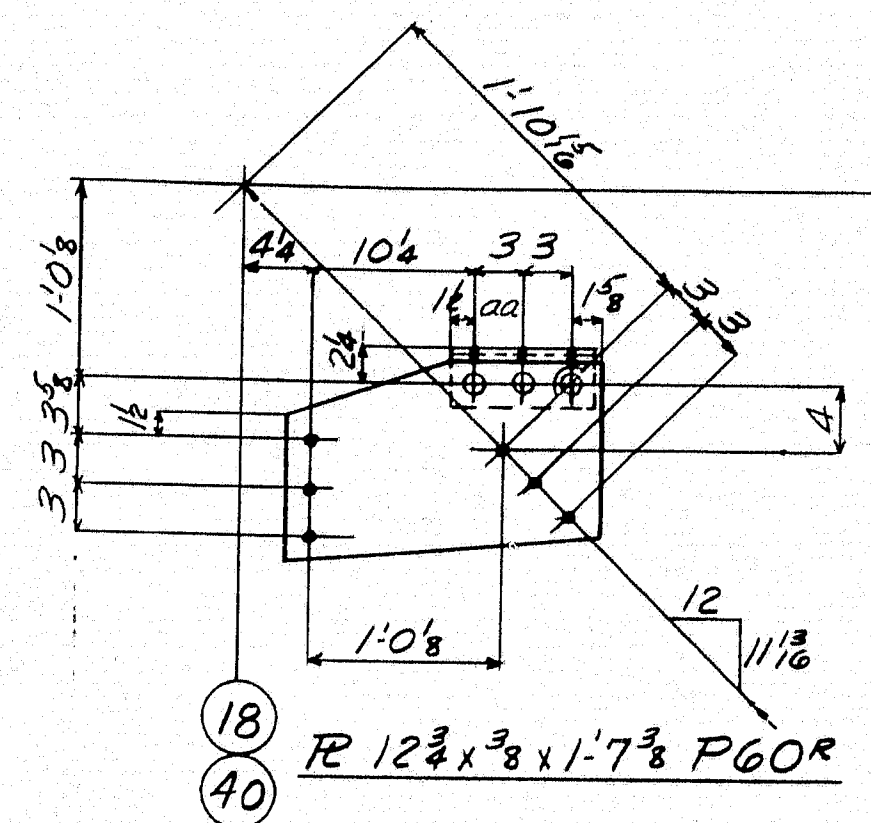
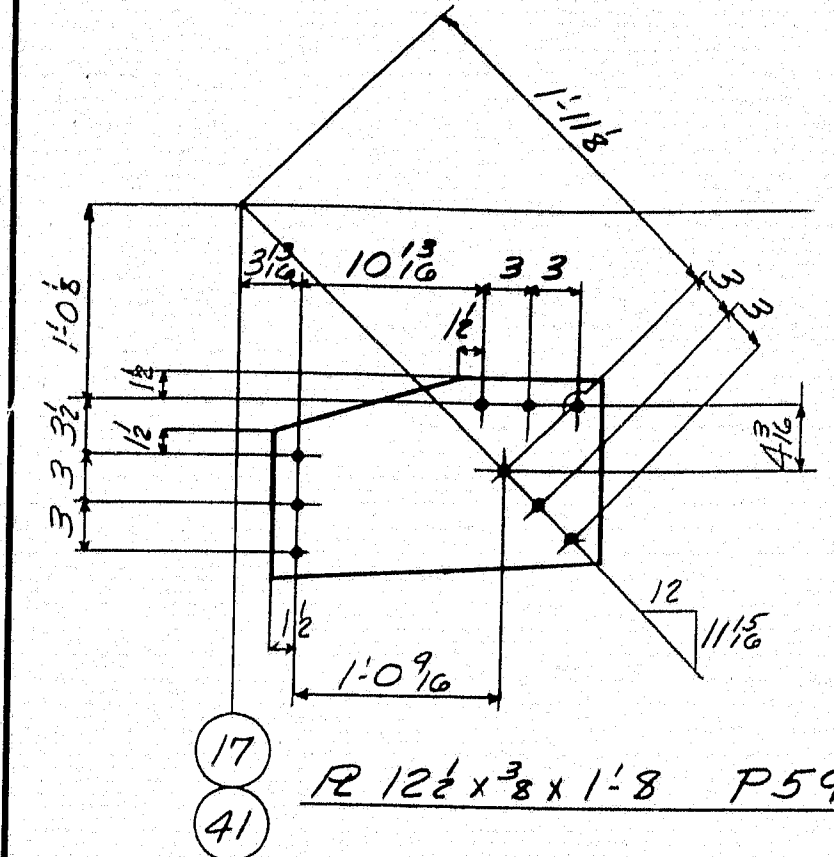
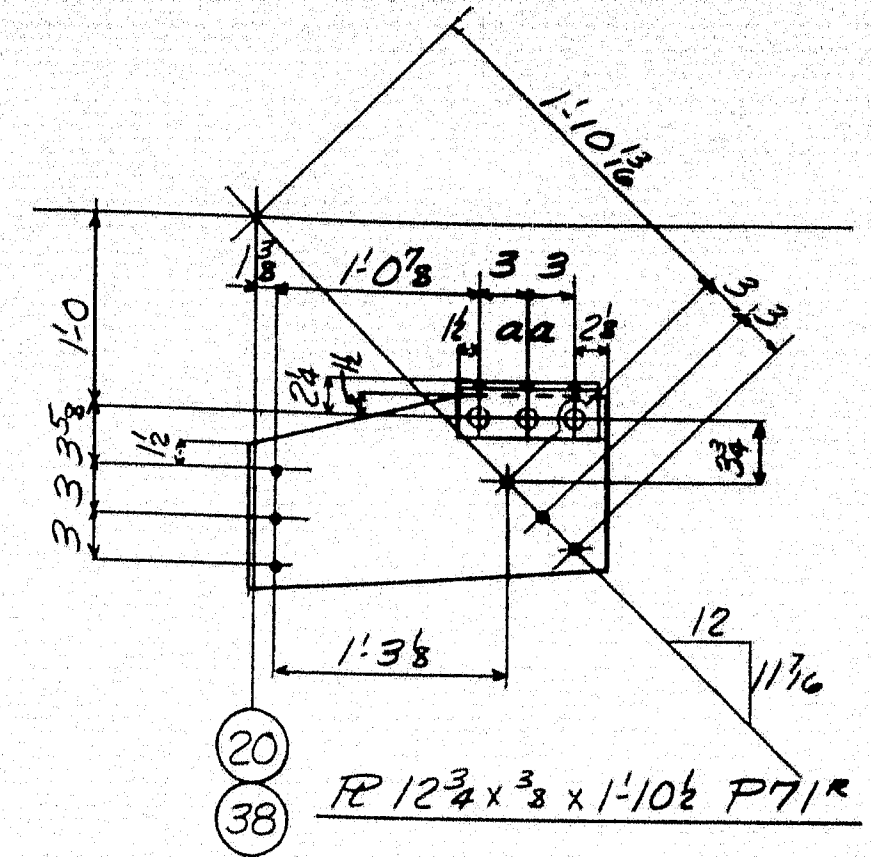
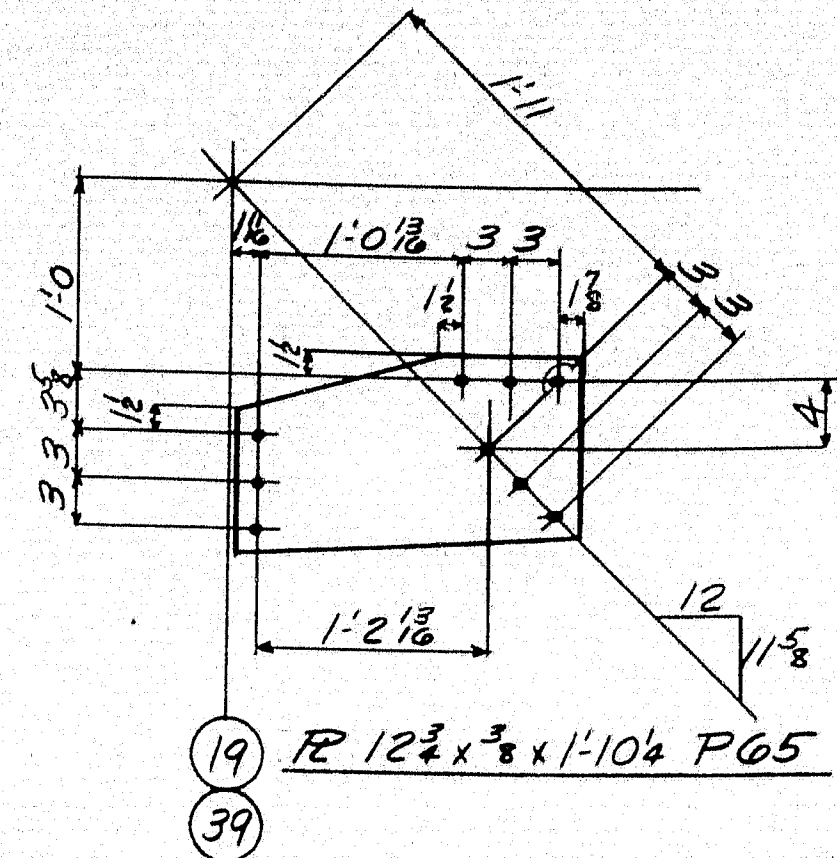
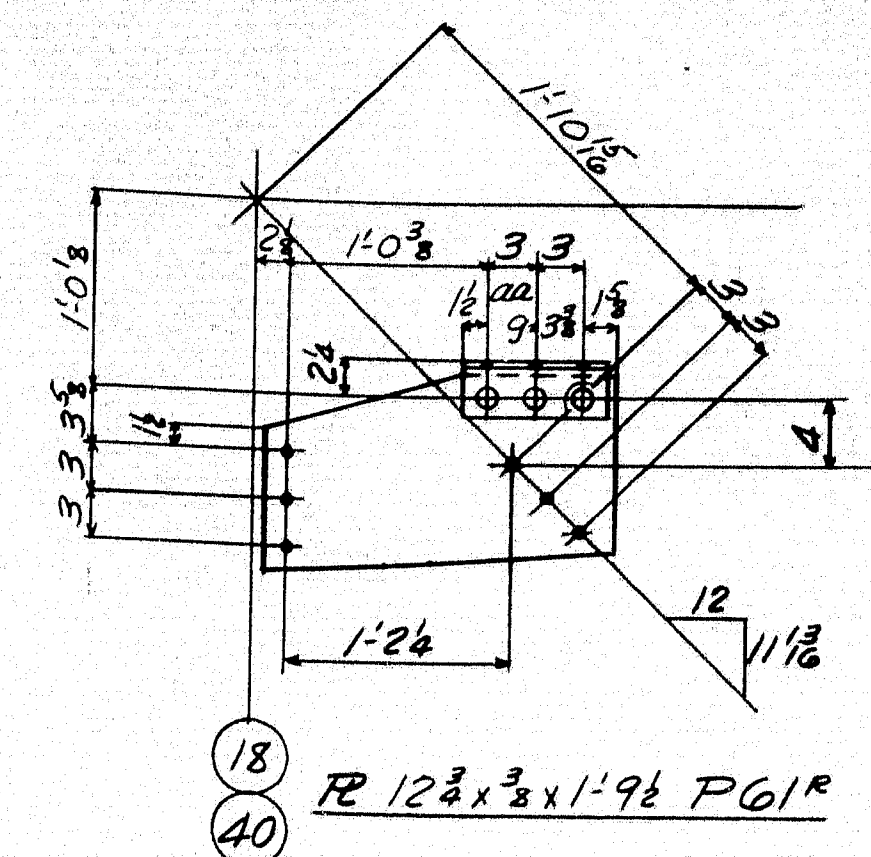
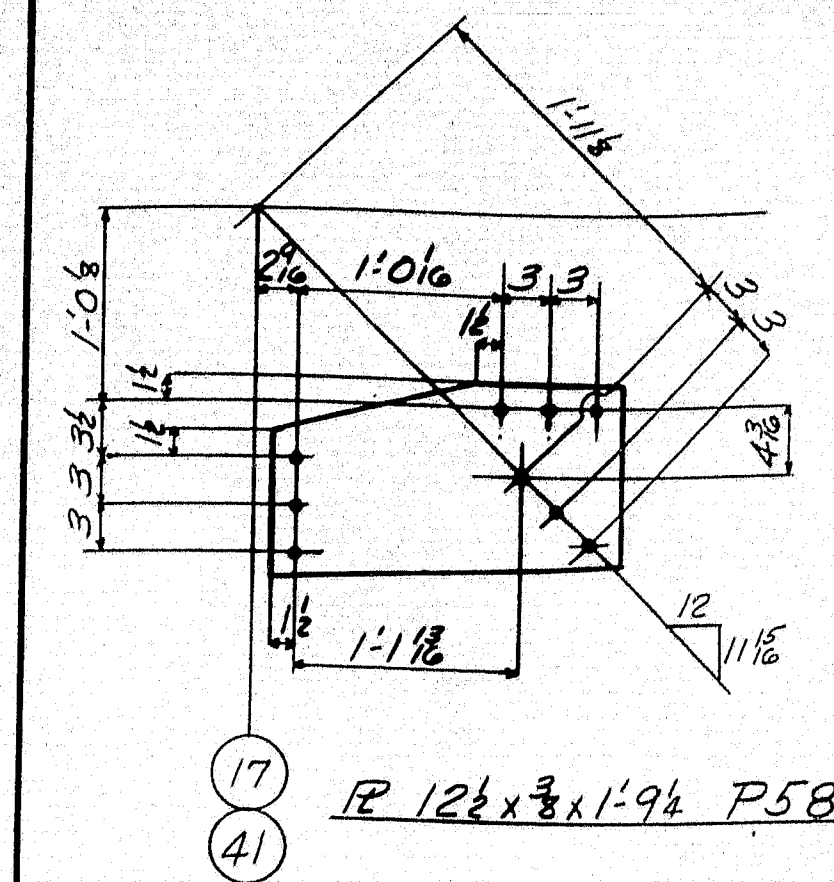
DRAWINGS MADE AT AMB - #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS - 257
DRAW. MADE BY J.B. DATE 10-14-48
DRAW. CHECKED BY NHG DATE 1-20-49

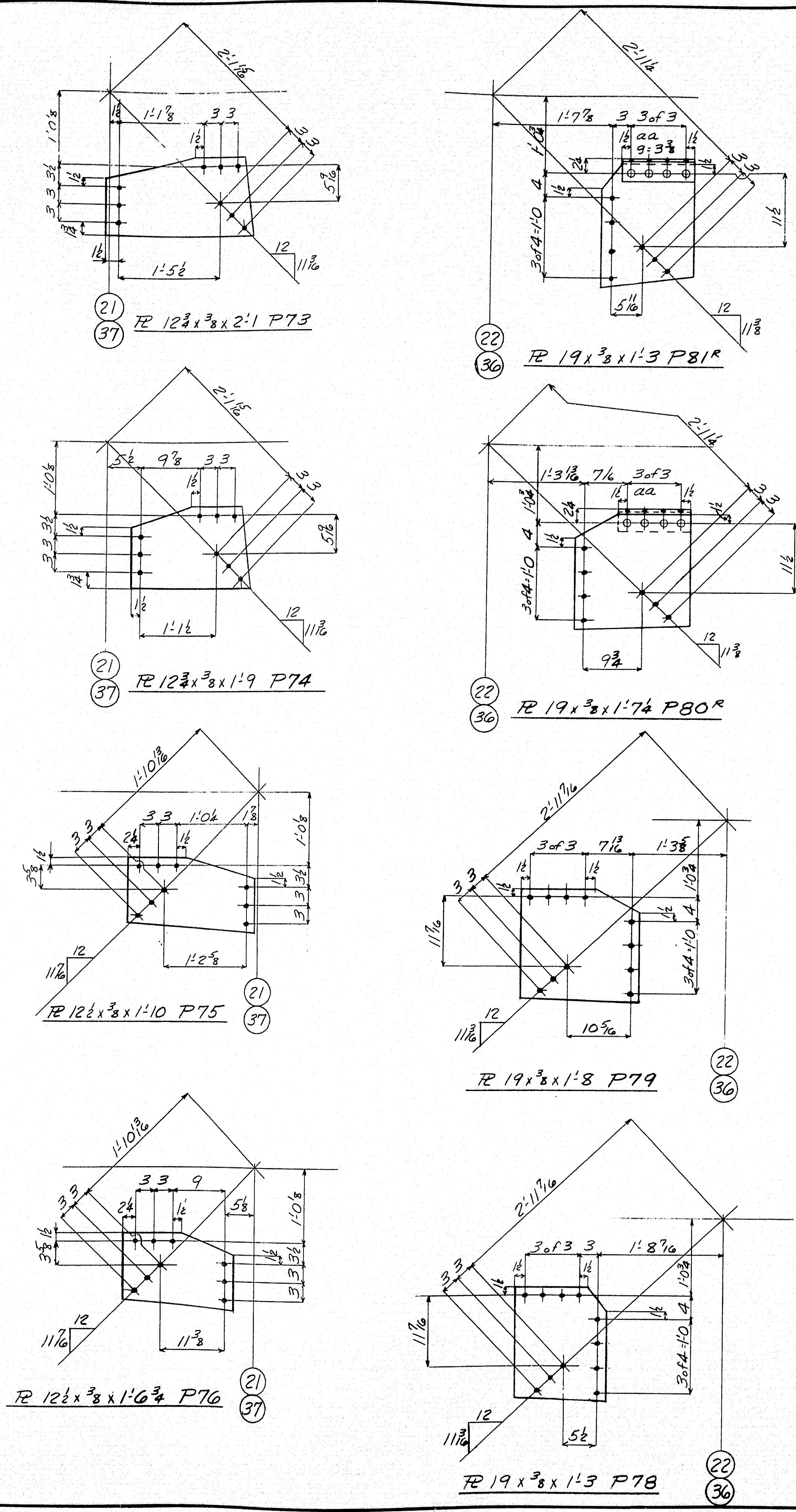
ORDER NO. J5761-T SHEET NO. 408

MR. 407

52-177







Div.	LINE	QTY	SHAPE	LENGTH	ASSEMBLY MARK	REMARKS	ORDERED	CALCULATED
							ITEM	FOR ONE
								PIECE
22	1	4	R	$12\frac{3}{8}$	21	P73	13 x 3	3351
22	2	4	R	$12\frac{3}{8}$	19	P74	13 x 3	3351
22	3	4	R	$12\frac{3}{8}$	10	P75	13 x 3	3351
22	4	4	R	$12\frac{3}{8}$	16 3/4	P76	13 x 3	3351
11	5	2	R	19 3/8	13	P81R	24 x 3	1189
11	6	2	R	19 3/8	13	P81R	24 x 3	1189
11	7	4	L	5 3/4	10	22	6065-0	1083
11	8	2	R	19 3/8	17 1/4	P80R	24 x 3	1189
11	9	2	R	19 3/8	17 1/4	P80R	24 x 3	1189
22	10	4	R	19 3/8	18	P79	24 x 3	1189
22	11	4	R	19 3/8	13	P78	24 x 3	1189

Misc. R

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1 - 389 2

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

DRAWINGS MADE AT *Amb. Roll* PLANT
WORK FABRICATED AT *Elmira* PLANT
IN CHARGE OF *HLG* EXT 257
DRAW. MADE BY *FH* DATE 10-29-48
DRAW. CHECKED BY *HOK* DATE 1-28-49

Rivets $\frac{7}{8}$
Holes $\frac{15}{16}$

PAINT: Yes
SHOP CONTACT SURFACES: No

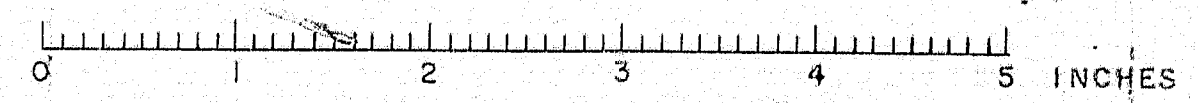
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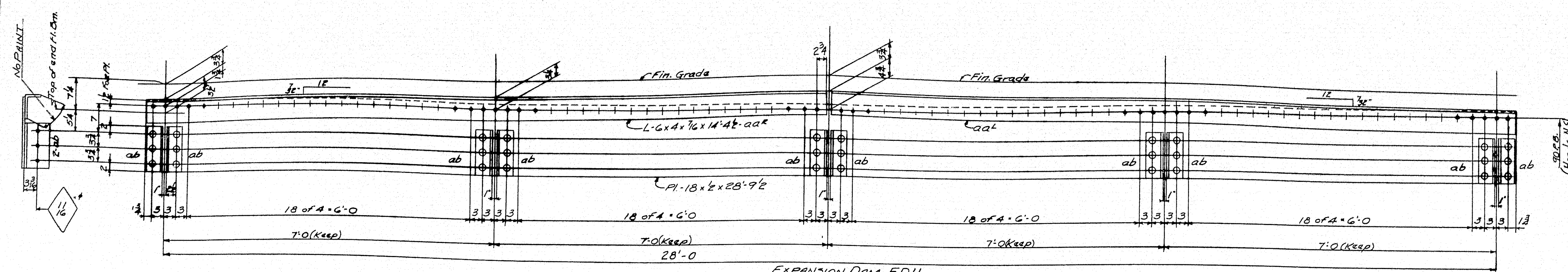
ORDER No. 15761-M SHEET No. 410

REVISIONS

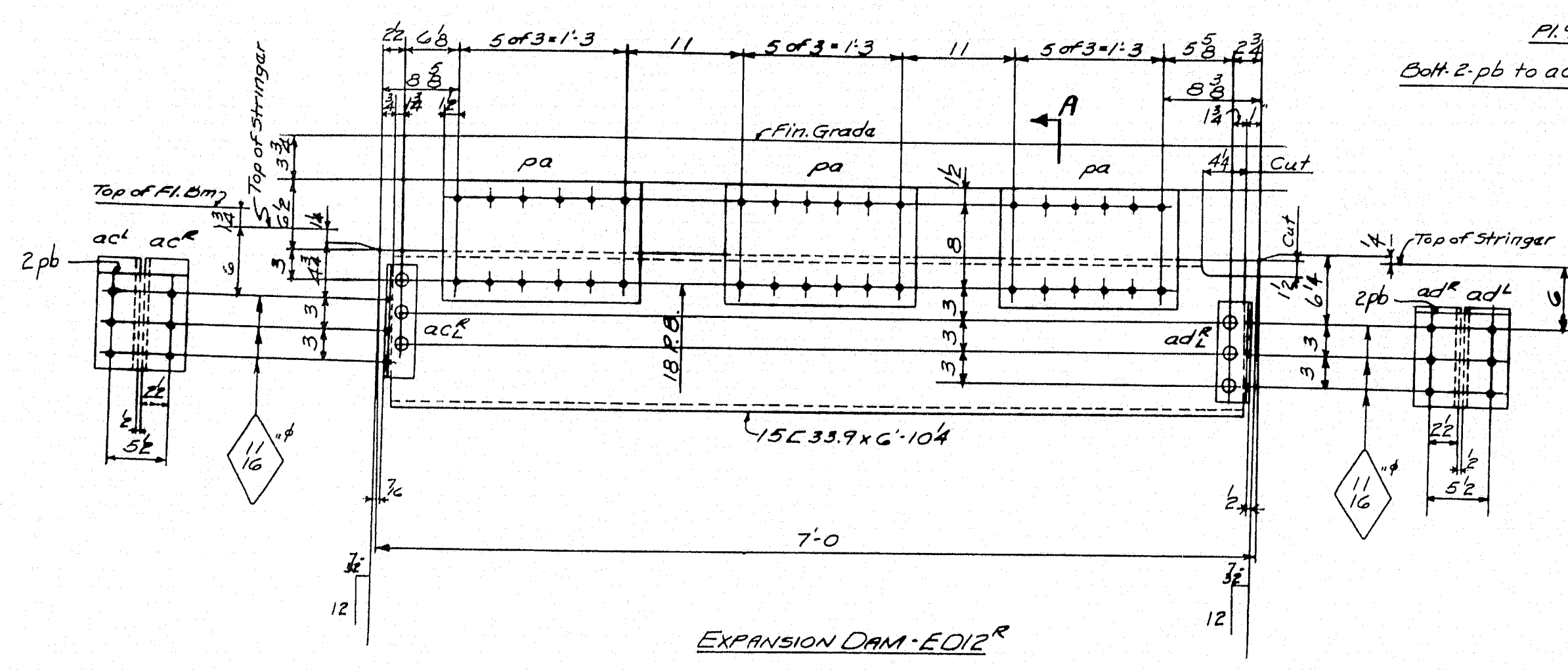
312 #211

52-179

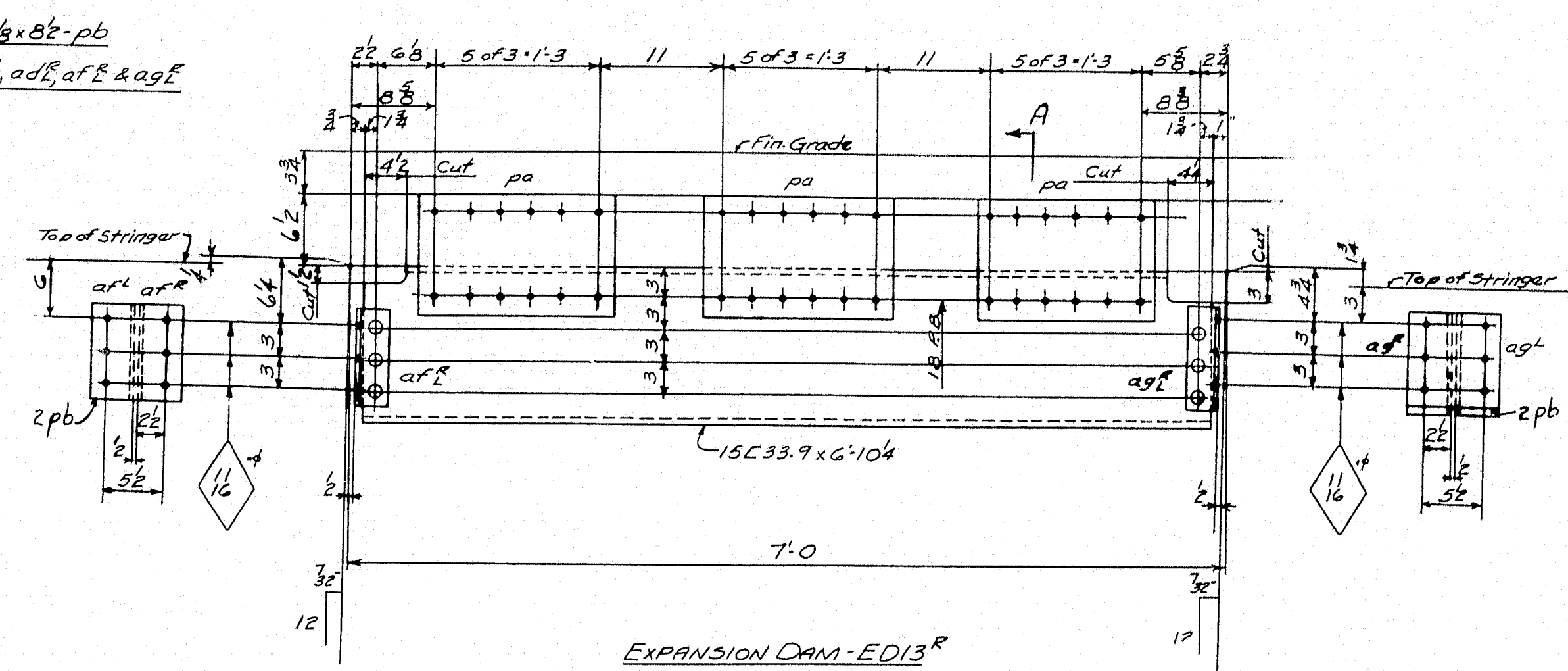




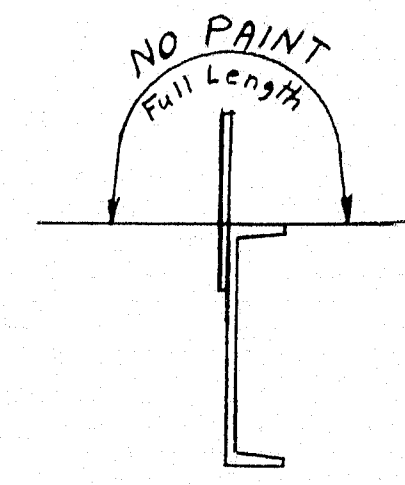
EXPANSION DAM-ED11



EXPANSION DAM-ED12R



EXPANSION DAM-ED13R



SEC. A

NOTE:
1/2" holes to be reamed in field to 1/2"

PAINT: No PAINT except as noted
SHOP CONTACT SURFACES: No

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State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

DRAWINGS MADE AT HILLS-257 PLANT
WORK FABRICATED AT HILLS-257 PLANT
IN CHARGE OF HILLS-257
DRAW. MADE BY JLB DATE 9-15-48
DRAW. CHECKED BY FJD DATE 11-20-66

ORDER NO. J5761-M

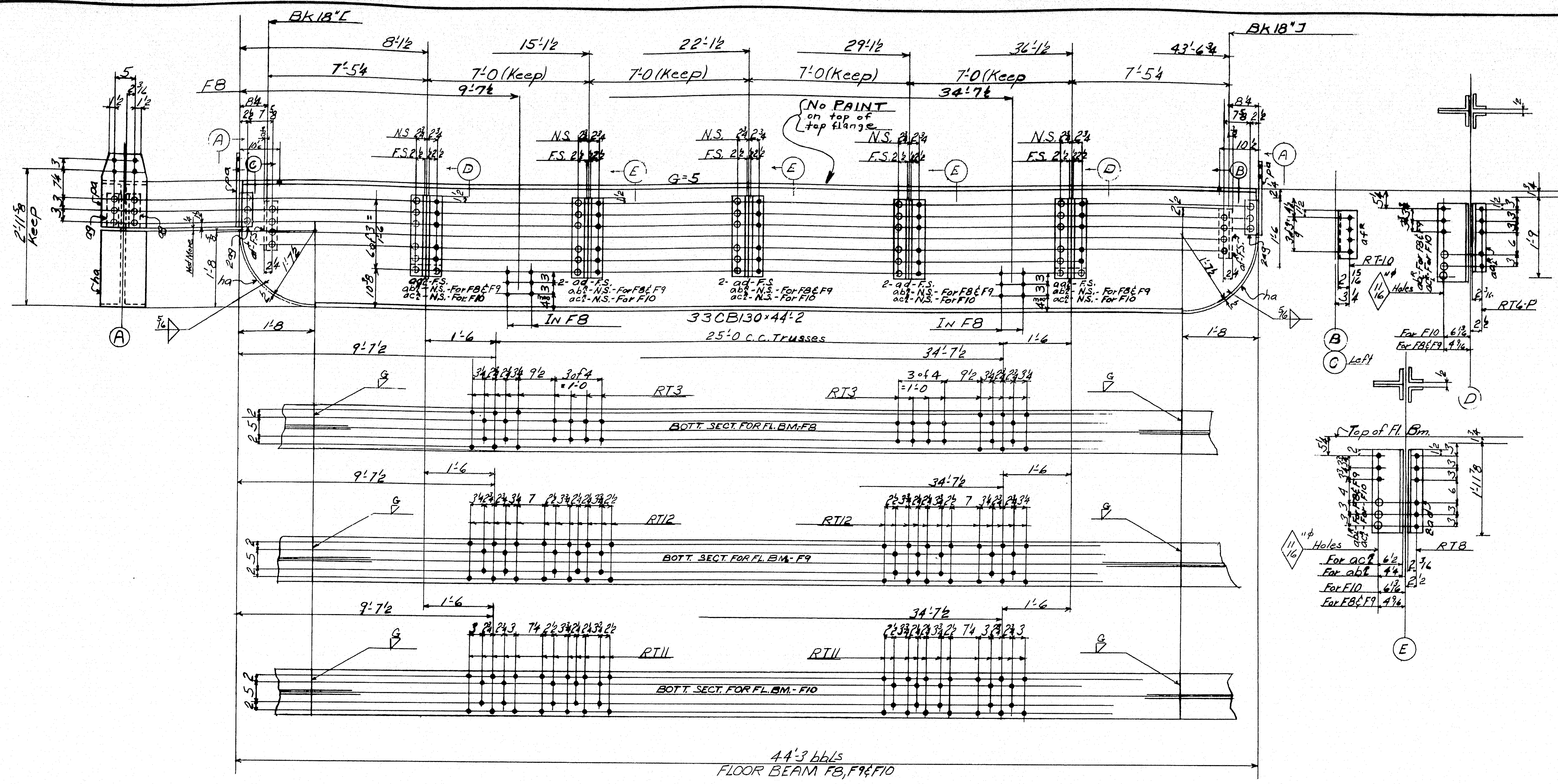
SHEET NO. 501

MM 501

52-180

DIVISION	LINE	ITEM	QUANTITY	UNIT	MATERIAL	REMARKS	ORDERED	ITEM	CALCULATED WEIGHT FOR ONE SHOP PRICE
10	5								
2	1	1	3	EXPANSION DAMS	ED11				
		2							
		3	3	PL	18 1/2 28 9 1/2			S	
		4	6	L	6 4 1/2 14 4 1/2	aae		S	60/65 1061
		5	30	L	3 4 3/8 11 1/2	ab		S	37-0 1075
		6	270	RB	3/8		H.H.A.N.	S	
		7							
		8							
2	1	9	3	EXPANSION DAMS	ED12R				
2	1	10	3	EXPANSION DAMS	ED13R				
		11							
		12	6	L	15 1/2 33 7/8	G 10 1/4		S	60/65 1030
		13	18	PL	11 1/2 1	G pa		S	60/65 1152
		14	12	L	4 3 1/2 3/8	10 1/2 aae		S	60/65 1101
		15	12	L	4 3 1/2 3/8	9 1/2 aae		S	1101
		16	108	RB	3/8		H.H.A.N.	S	
		17	24	PL	9 8	8 1/2 pb		S	
		18	24	SB	5/8			S	
2	1	19	3	EXPANSION DAMS	ED13R				
2	1	20	3	EXPANSION DAMS	ED13R				
		21							
		22	6	L	15 1/2 33 7/8	G 10 1/4		S	60/65 1030
		23	18	PL	11 1/2 1	G pa		S	60/65 1152
		24	12	L	4 3 1/2 3/8	9 1/2 aae		S	60/65 1101
		25	12	L	4 3 1/2 3/8	10 1/2 aae		S	1101
		26	108	RB	3/8		H.H.A.N.	S	
		27	24	PL	9 8	8 1/2 pb		S	
		28	24	SB	5/8			S	
		29							
		30							
		31							
		32							
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Expansion Dams & Shims



LINE	ITEM	MATERIAL	LENGTH	ASSEMBLY	REMARKS	ORDERED	WEIGHT	WEIGHT
							FOR ONE	FOR ONE
							PIECE	PIECE
1	2	ONE FLOOR BEAM	FB					
1	3	ONE FLOOR BEAM	F9					
1	4	ONE FLOOR BEAM	F10					
5	8	33CB130	44'2			44'2	1001	
7	12	LS 4	3/2 7/4	1 6	ag			
8	20	L 6	4 7/4	1 9	ag	60/65	1100	
9	18	LS 4	3/2 7/4	1 9	ad	60/65	1100	
10	6	LS 5	3/2 3/8	1 1	ag			
11	12	LS 4	3/2 3/8	9	ag	60/65	1101	
12	6	IP	1 1/2 2	2 7/4	ha	45-0	1252	
13	6	IP	1 1/2 2	1 7/4	pa			
14	10	L 8	4 7/4	1 9	ac	For F10		
15	30	SE 7/8"						

FLOOR BEAMS FB, F9 & F10

Holes in material over 1/4" thick to be punched or drilled 1/4" small and reamed to size or drilled full size. Holes marked RT to be punched or drilled 1/4" small and reamed to size to a metal template.

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

DRAWINGS MADE AT: Amb #1 PLANT
WORK FABRICATED AT: Elmira PLANT
IN CHARGE OF: Hills - 257
DRAW. MADE BY: R.M. DATE: 9/2/48
DRAW. CHECKED BY: EED DATE: 12.9.48

ORDER No. J5761-B SHEET No. 502

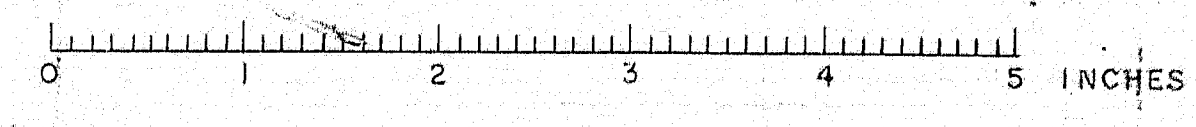
RIVETS 3/8"
HOLES 1/2" Unless Noted

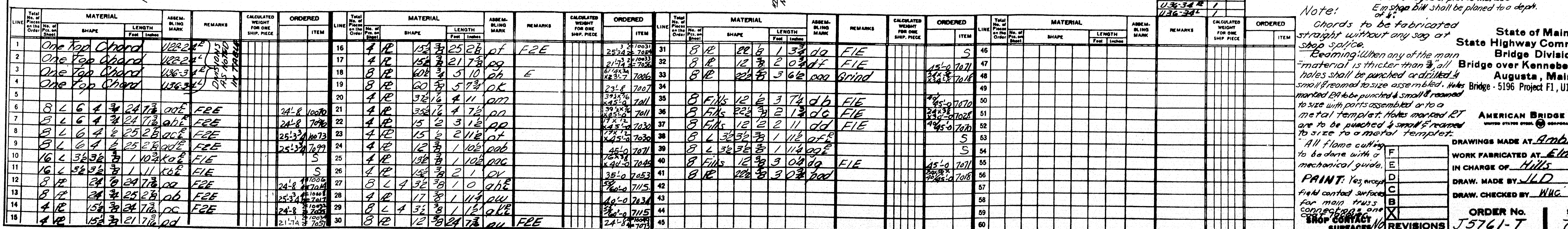
Note: 1/2" Holes to be reamed to 1/2" in field.

PAINT: Yes (Unless Noted)
SHOP CONTACT SURFACES: No

REVISIONS
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Welding





EN Chords to be fabricated
straight without any sag at
shop office.
Beaming: When any of the main
material is thicker than 3" all
holes shall be punched or drilled &
small flanged to size assembled. Holes
marked 24 holes punched & small flanged
to size with parts assembled or to a
metal template. Holes marked 27
are to be punched & small flanged
to size to a metal template.

All flame cutting
to be done with a
mechanical guide.

PAINT: Veg preservative
field contact surfaces
for main truss
connecting to one
end of bridge

SPR CORRECT

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AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-398 (2)

DRAWINGS MADE AT Amb #1 PLANT
WORK FABRICATED AT Stamora PLANT
IN CHARGE OF Hills 257
DRAW. MADE BY LD DATE 2/25/44
DRAW. CHECKED BY WMC DATE 1-26-47

ORDER NO. 75711 T SHEET NO. 701

to be fabricated
without any sag at
all.

When any of the main
is thicker than 3/4", all
be punched or drilled to
size assembled. Holes
punched & small & reamed
as assembled or to a
plet. Holes marked RT
ached & small & reamed
mortal treated.

cutting
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State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1 - 388 (2)

AMERICAN BRIDGE COMPANY
UNION STATE STEEL CORPORATION SUBSIDIARY

DRAWINGS MADE AT Amh #1 PLANT
WORK FABRICATED AT Elmira PLANT
IN CHARGE OF Hills DATE 2-57
DRAW. MADE BY JLD DATE 4-25-54
DRAW. CHECKED BY WMC DATE 1-26-57

ORDER NO. 75711-T SHEET NO. 701

701-713 52-182

101-715

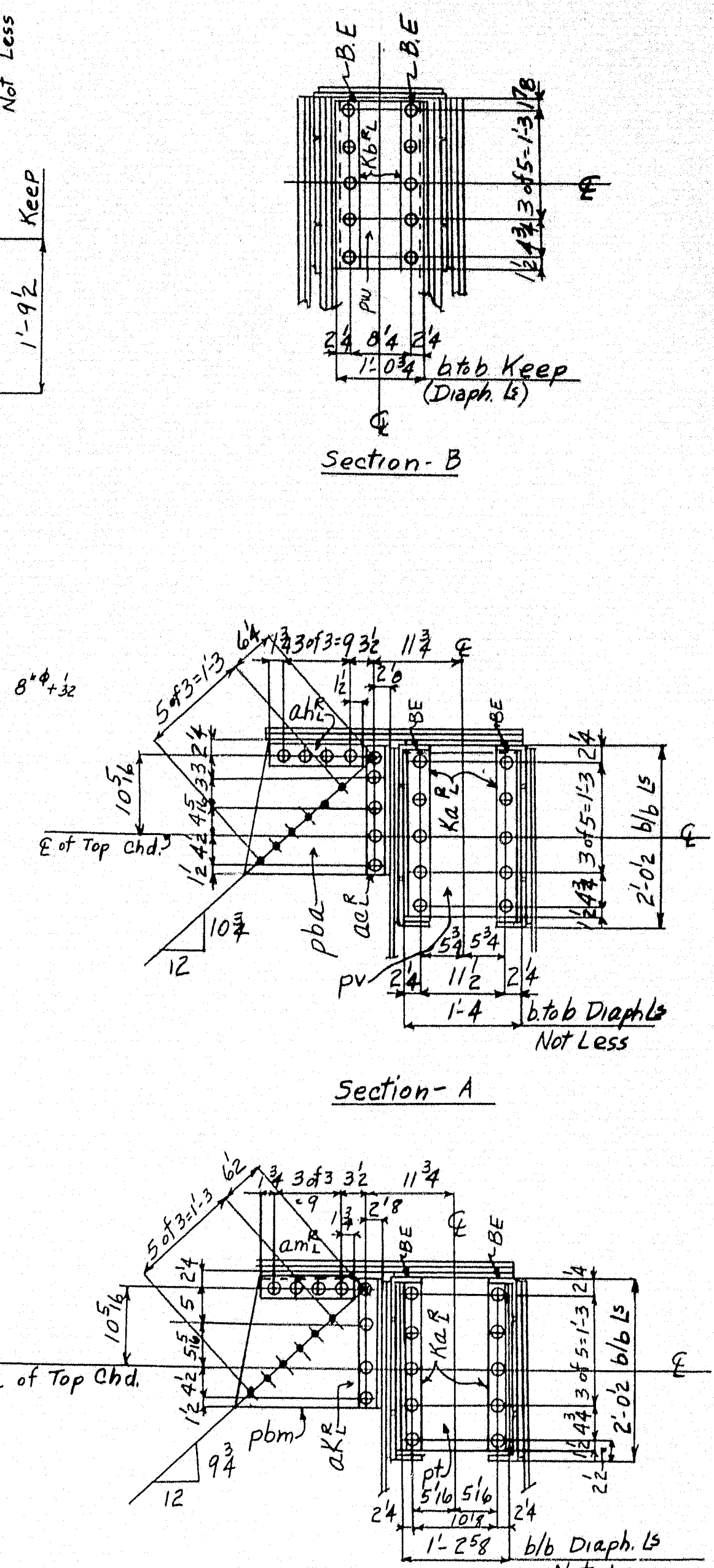
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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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NOTES:

CHORDS TO BE FABRICATED STRAIGHT WITHOUT ANY SAG AT SHOP SPICE.

RIVETS: "B", "G" (UNLESS NOTED)

HOLES: 1/2" (UNLESS NOTED)

REMAINING HOLES MARKED R.T. TO BE PUNCHED 1" SMALL AND REAMED TO SIZE WITH PARTS ASSEMBLED OR TO A METAL TEMPLATE. HOLES MARKED R.T. TO BE PUNCHED 1/4" SMALL AND REAMED TO SIZE TO A METAL TEMPLATE.

SHEARED EDGES OF PLATES MARKED E IN SHOP BILL SHALL BE PLAINED TO A DEPTH OF 1/4".

ALL FLAME CUTTING TO BE DONE WITH A MECHANICAL GUIDE.

PAINT: YES, EXCEPT FIELD CONTACT SURFACES FOR MIN TRUSS CONNECTIONS ONE COAT LAQUER.

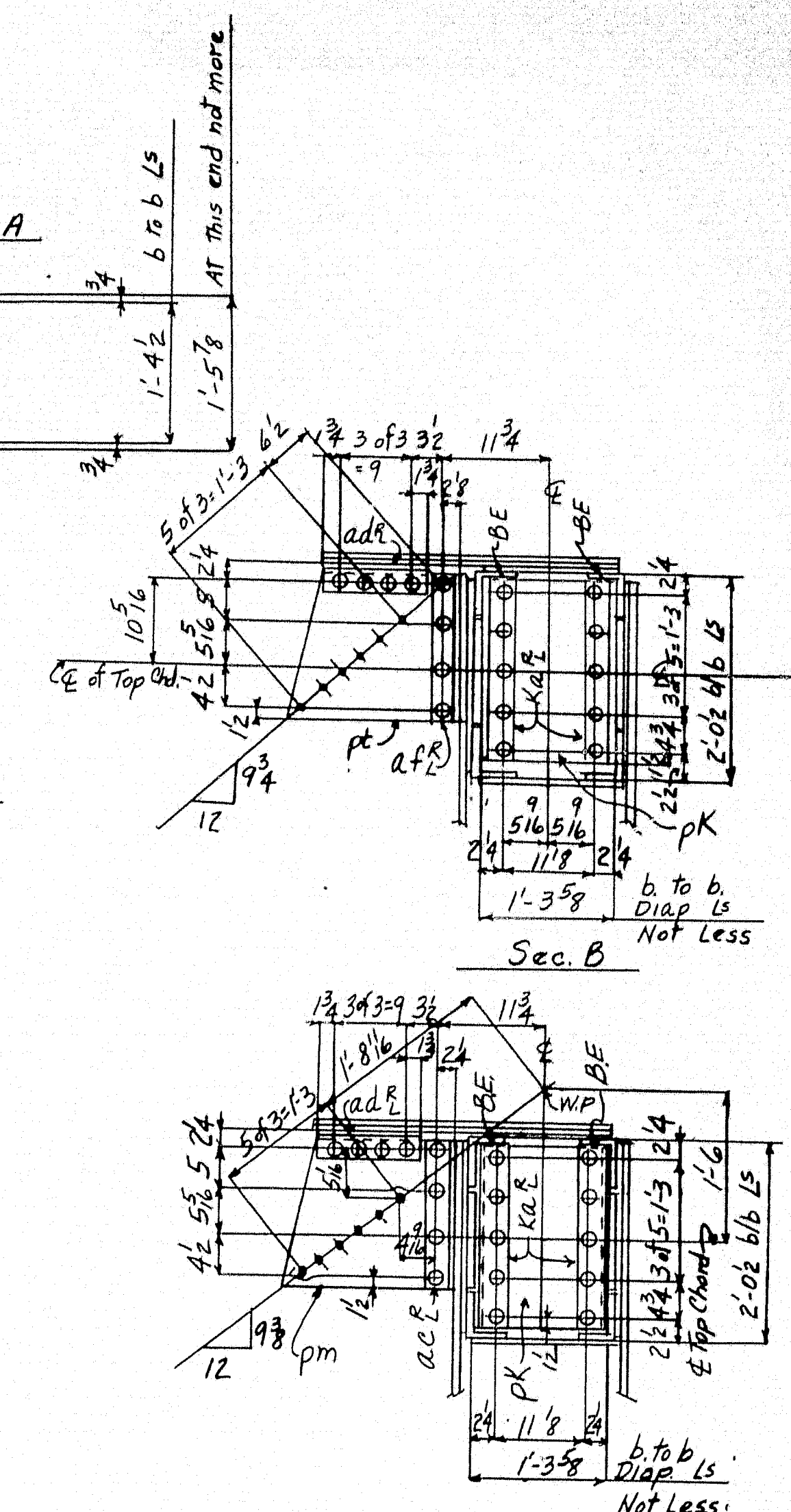
SHOP CONTACT NO. 1

F	
E	
D	
C	
B	
A	
X	

REVISIONS

AMERICAN BRIDGE COMPANY

ORDER No.	SHEET No.
15761-T	703



TOP CHORD
U28-30R

MATERIAL										REMARKS	MATERIAL										REMARKS	MATERIAL										REMARKS
LINE	QTY	SHAPE	SIZE	LENGTH	WEIGHT	ORDERED	ITEM	LINE	QTY		SHAPE	SIZE	LENGTH	WEIGHT	ORDERED	ITEM	LINE	QTY	SHAPE	SIZE		LENGTH	WEIGHT	ORDERED	ITEM							
1	ONE	TOP CHORD	2x8-30L	30'	100			16	4	RL	24	34	5	02	PP	31	31-2	7016														
2	ONE	TOP CHORD	2x8-30L	30'	100			17	4	FL	12	76	1	10	DL	32	2x8-30L	7086														
3								18	4	FL	12	76	1	82	db	33	2x8-30L	7086														
4	4	LS	6	4	16	53	43	19	16	LS	4	32	36	1	116	HA	34	2x8-30L	7086													
5	4	LS	6	4	16	53	44	20	4	LS	4	32	36	1	6	ACC	35	2x8-30L	7086													
6	4	RS	24	4	53	43	PA	21	8	LS	4	32	36	1	02	ACC	36	2x8-30L	7086													
7	2	RS	152	36	53	43	PA	22	4	SB	12	76	2	1	DL	37	2x8-30L	7086														
8	2	RS	152	36	51	111	PC	23	4	FL	12	76	2	1	DL	38	2x8-30L	7086														
9	4	RS	472	38	4	94	PL	24	4	LS	4	32	36	1	6	ATL	39	2x8-30L	7086													
10	4	RS	202	2	3	84	PT	25	2	R	34	76	3	6	PV	40	2x8-30L	7086														
11	2	RS	34	16	3	6	PA	26	2	R	18	38	1	82	PT	41	2x8-30L	7086														
12	4	RS	15	36	2	10	PH	27								42																
13	4	RS	15	36	1	104	PK	28								43																
14	2	RS	18	3	1	82	PM	29								44																
15	4	RS	152	36	2	102	PN	30								45																

REAMING: HOLES MARKED RA TO BE PUNCHED 1/4" SMALL AND REAMED TO SIZE WITH PARTS ASSEMBLED OR TO A METAL TEMPLET. HOLES MARKED RT TO BE PUNCHED 1/4" SMALL AND REAMED TO SIZE TO A METAL TEMPLET.

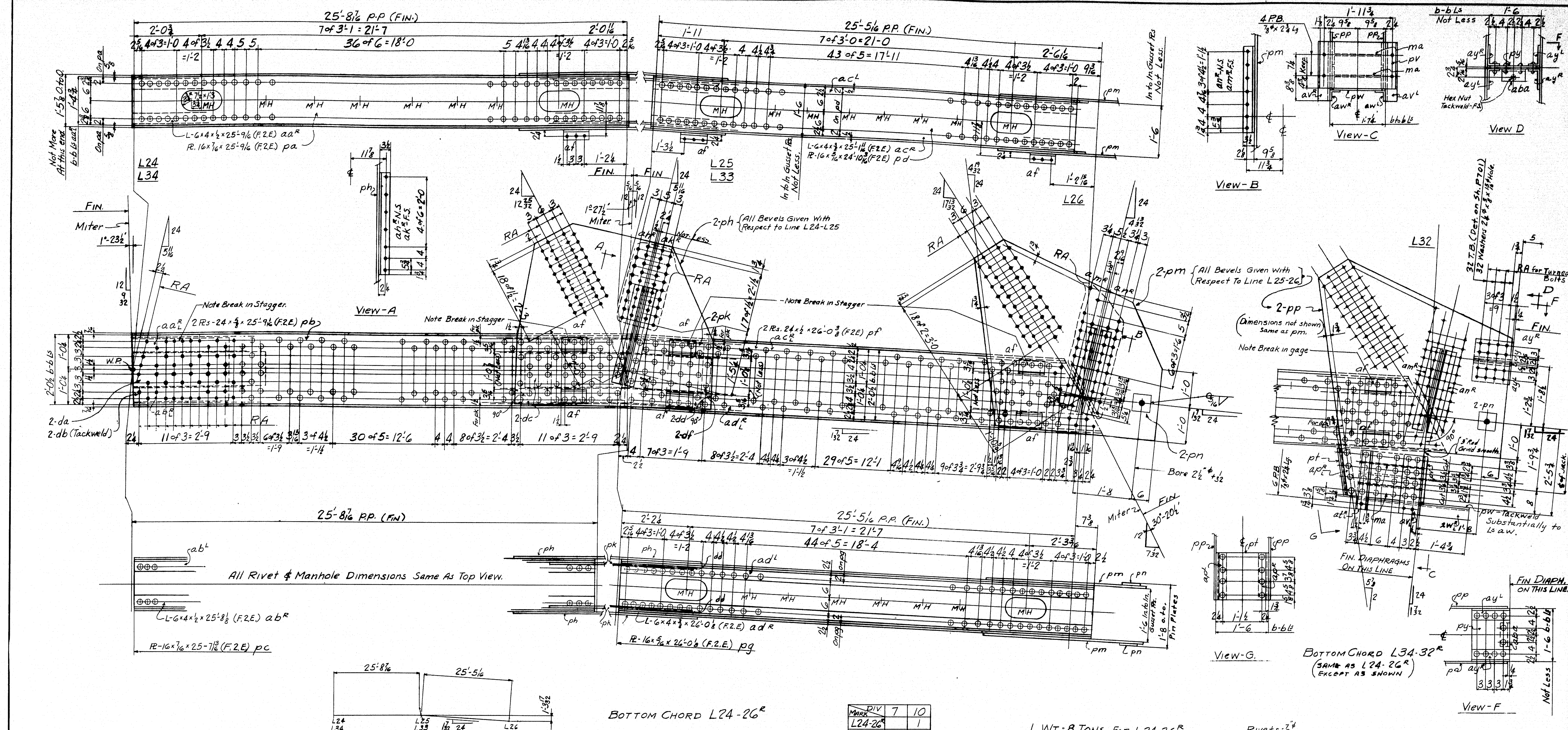
ALL FLAME CUTTING TO BE DONE WITH A MECHANICAL GUIDE.

F	E
D	E
C	E
B	E
A	X

REVISIONS

DRAWINGS MADE AT AMB - #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS - 257
DRAW. MADE BY J.B. DATE 12-6-48
DRAW. CHECKED BY WUC DATE 1-29-49

ORDER NO. 15761-T SHEET NO. 704



MATERIAL										MATERIAL										MATERIAL										MATERIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
LINE	Total No. of Pcs. in Order	SHAPE	LENGTH Feet Inches	ASSEM- BLING MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	Total No. of Pcs. in Order	SHAPE	LENGTH Feet Inches	ASSEM- BLING MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	LINE	Total No. of Pcs. in Order	SHAPE	LENGTH Feet Inches	ASSEM- BLING MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM	LINE	Total No. of Pcs. in Order	SHAPE	LENGTH Feet Inches	ASSEM- BLING MARK	REMARKS	CALCULATED WEIGHT FOR ONE SHIP. PIECE	ORDERED	ITEM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	1	BOTTOM CHORD	L24-26 ^R		Divisions As Orderd in Table				16	8	RS	66	5	26	PH			31	4	LS	36	3	5	1	54	QPR			46	12	PB		24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

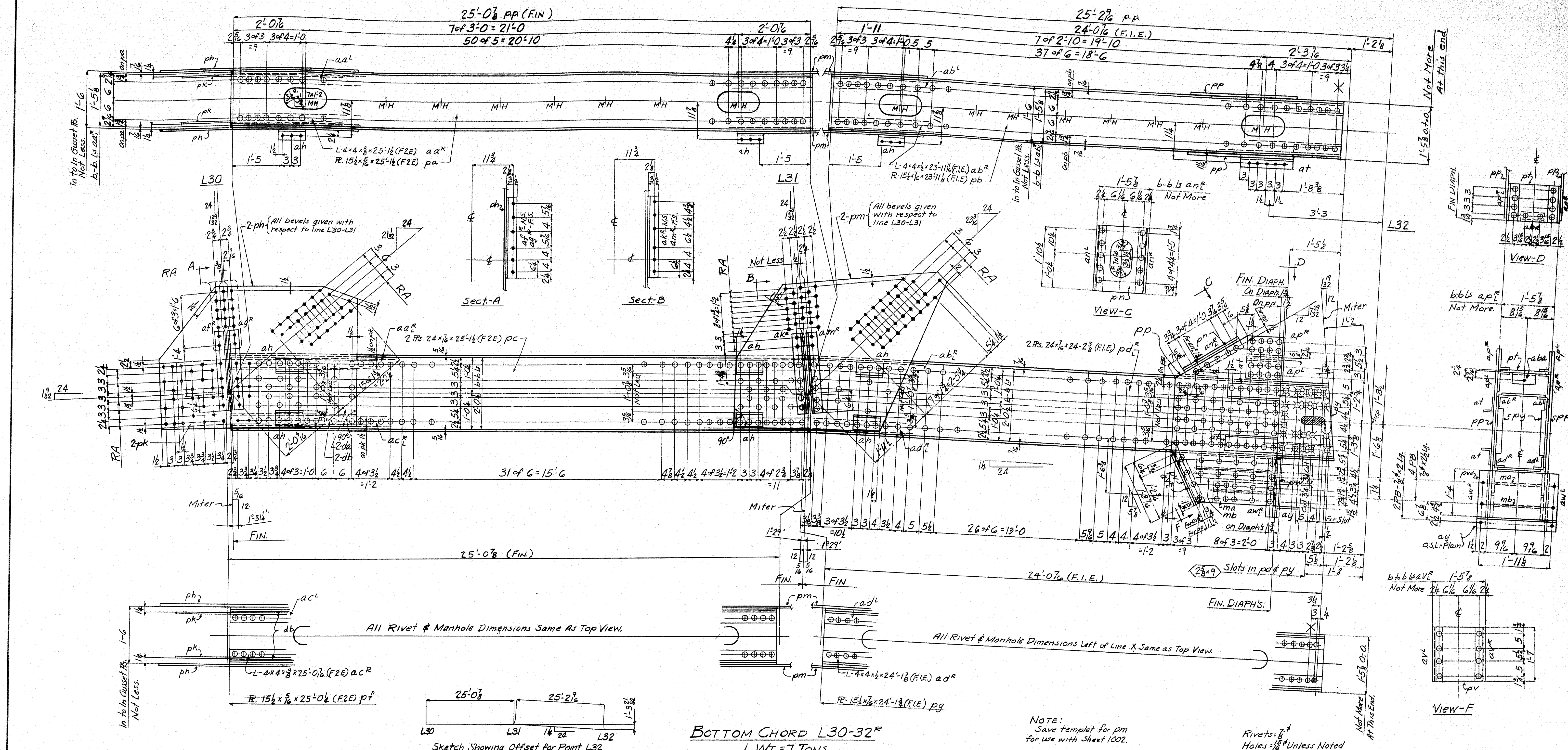
State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
DRAWINGS MADE AT AMERBRIDGE #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS-237
DRAW. MADE BY JAG DATE 11-23-49
DRAW. CHECKED BY WUG DATE 1-14-50
ORDER NO. J-5761-T SHEET NO. 706

PAINT: Yes, Except
field contact
surfaces for main
truss connections.
One Coat Lacquer.
SHOP CONTACT
SURFACES

Rivets: 3/4"
Holes: 1/8" Unless Noted
Reaming: All holes marked RA
are to be punched or drilled
& small and reamed to size with
parts assembled or to a metal
templet.

All flame cutting shall be
done with a mechanical guide.



MATERIAL										MATERIAL										MATERIAL									
LINE	NO. OF	SHAPE	LENGTH	AREA	REMARKS	CALCULATED	ORDERED	ITEM	ITEM	LINE	NO. OF	SHAPE	LENGTH	AREA	REMARKS	CALCULATED	ORDERED	ITEM	ITEM	LINE	NO. OF	SHAPE	LENGTH	AREA	REMARKS	CALCULATED	ORDERED	ITEM	ITEM
1	ONE	BOTTOM CHORD	L30-32							16	4	PS	7 1/2	3 1/4	pk					17	4	PS	5 1/2	5 1/2	pm				
2	ONE	BOTTOM CHORD	L30-32							18	2	PS	17 1/2	1 10 1/2	pn					19	4	PS	36 5/8	4 9 1/4	pp				
3										20	2	PS	17 5/8	1 0 1/4	pt	FIE				21	2	PS	17 1/2	1 7	pv				
4										22	2	PS	16 1/2	1 2 1/2	pw					23	2	PS	16 1/2	1 2 1/2	py				
5	4	LS	4 3/8	25 1/2	aa ^r	F2E				24	2	LS	4 3/8	2 2 1/2	af ^r					25	2	LS	4 3/8	2 2 1/2	ag ^r				
6	4	LS	4 1/2	23 11/16	ab ^r	F1E				26	2	LS	4 3/8	2 2 1/2	ah					27	2	LS	4 3/8	2 2 1/2	ak ^r				
7	4	LS	4 3/8	25 0 1/4	ac ^r	F2E				28	2	LS	4 3/8	2 2 1/2	am ^r					29	4	LS	3 3/8	1 10 1/2	an ^r				
8	4	LS	4 1/2	24 1 1/8	ad ^r	F1E				30	8	LS	7 1/2	1 0 1/4	ap ^r	F1E													
9	2	PS	15 5/8	25 1/2	pa	F2E																							
10	2	PS	15 1/2	23 11/16	pb	F1E																							
11	4	PS	24 1/8	25 1/2	pc	F2E																							
12	4	PS	24 1/8	24 2 3/4	pd ^r	F1E																							
13	2	PS	15 1/2	25 0 1/4	pe	F2E																							
14	2	PS	15 1/2	24 1 3/8	pg	F1E																							
15	4	PS	48 5/8	5 8	ph																								

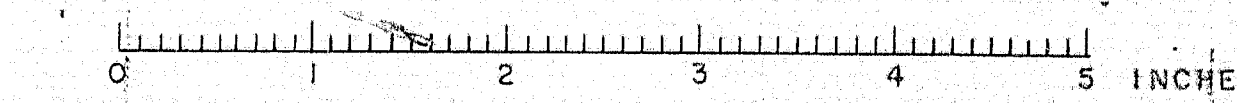
State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

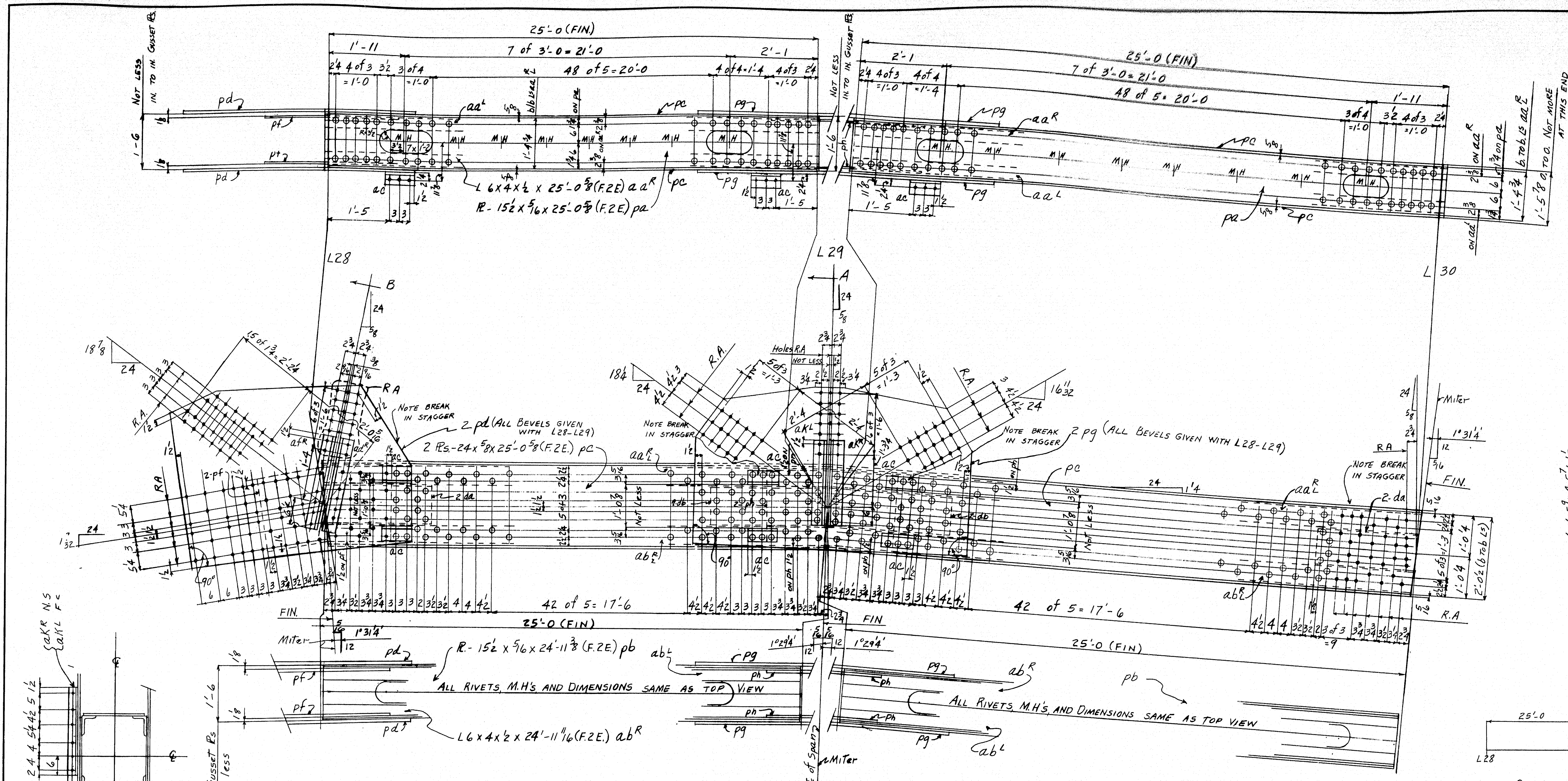
AMERICAN BRIDGE COMPANY
DRAWINGS MADE AT Elmira
WORK FABRICATED AT Elmira
IN CHARGE OF HULLS - 257
DRAW. MADE BY J.A.G. DATE 12-6-48
DRAW. CHECKED BY M.U.C. DATE 1-16-49

ORDER No. J-5761-T
SHEET No. 707

PAINT: Yes, Except field contact surfaces for main truss connections one Coat Lacquer.

REVISIONS





SECTION A

BOTTOM CHORD

L28-30R

L. WT. 8 TONS

NOTE:

Plate pd same as
plate ph on Sh.707
except subpunched holes

NOTES:-

REAMING: HOLES MARKED R.A.
ARE TO BE PUNCHED 1/4" SMALL AND
REAMED TO SIZE WITH PARTS ASSEMBLED
OR TO A METAL TEMPLATE.

ALL FLAME CUTTING TO BE DONE
WITH A MECHANICAL GUIDE.

HOLES 15
16

RIVETS 7
8

PAINT - YES

EXCEPT FIELD CON-

TACT SURFACES FOR

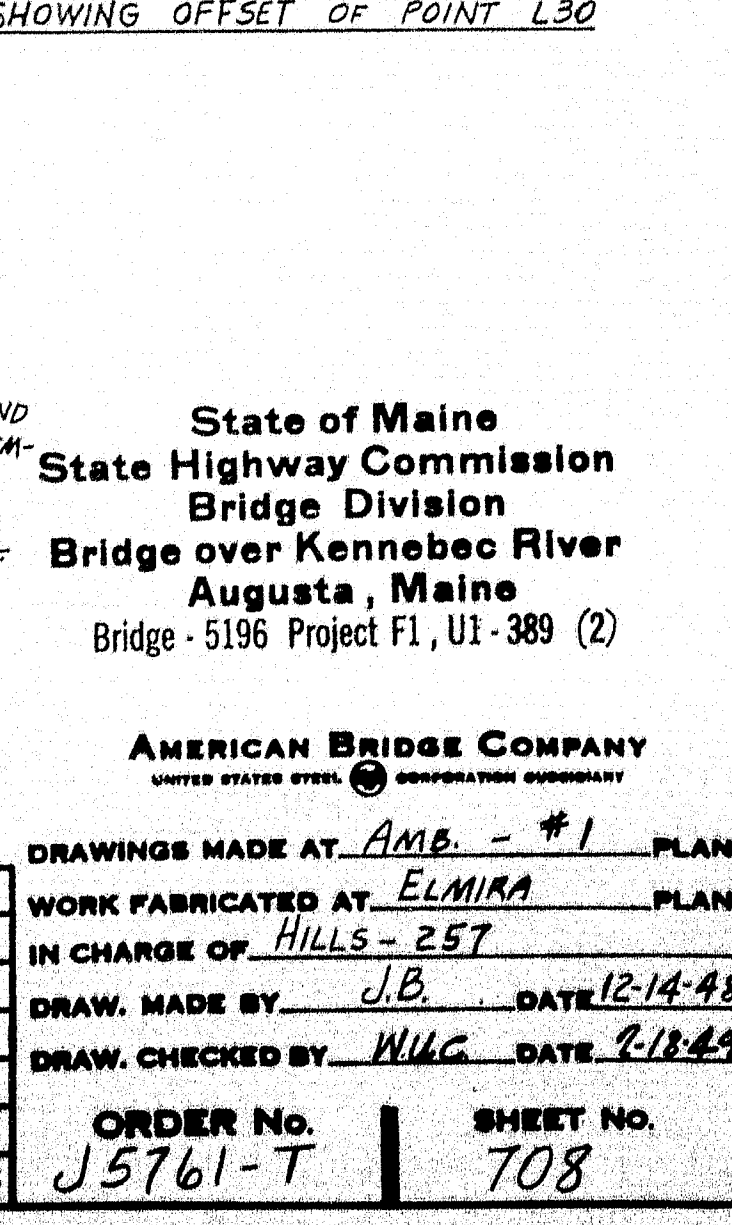
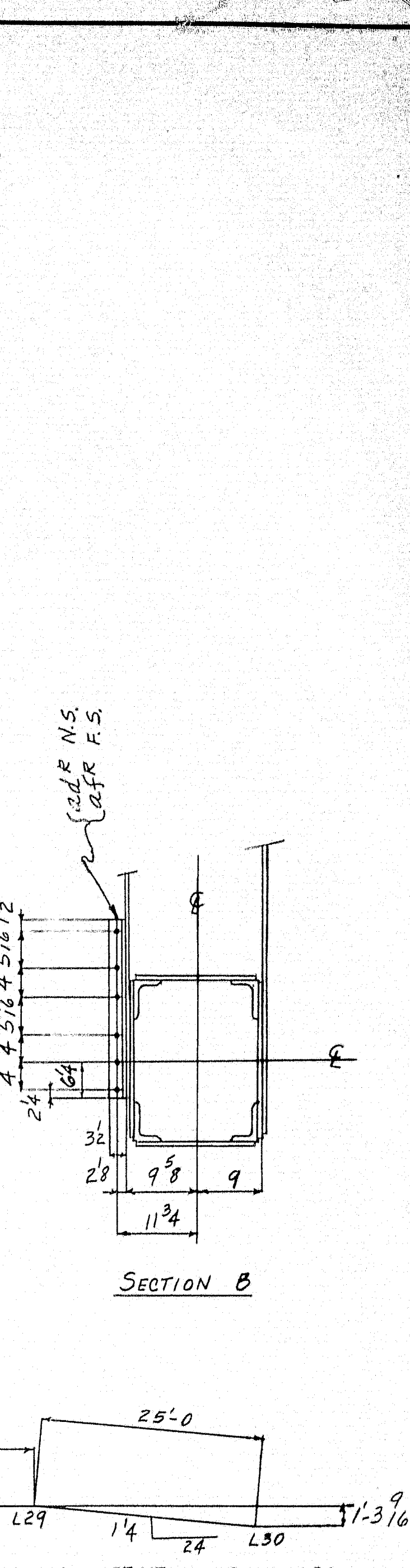
MAIN TRUSS CON-

NECTIONS ONE COAT

LACQUER

SHOP CONTACT
SURFACES

REVISIONS	DATE	BY	REMARKS
F			
E			
C			
B			
A			

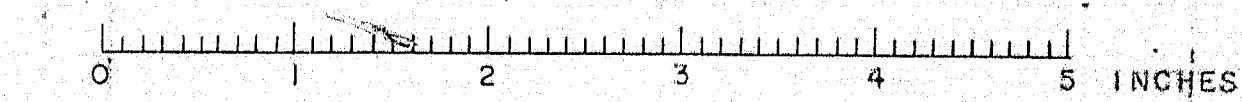


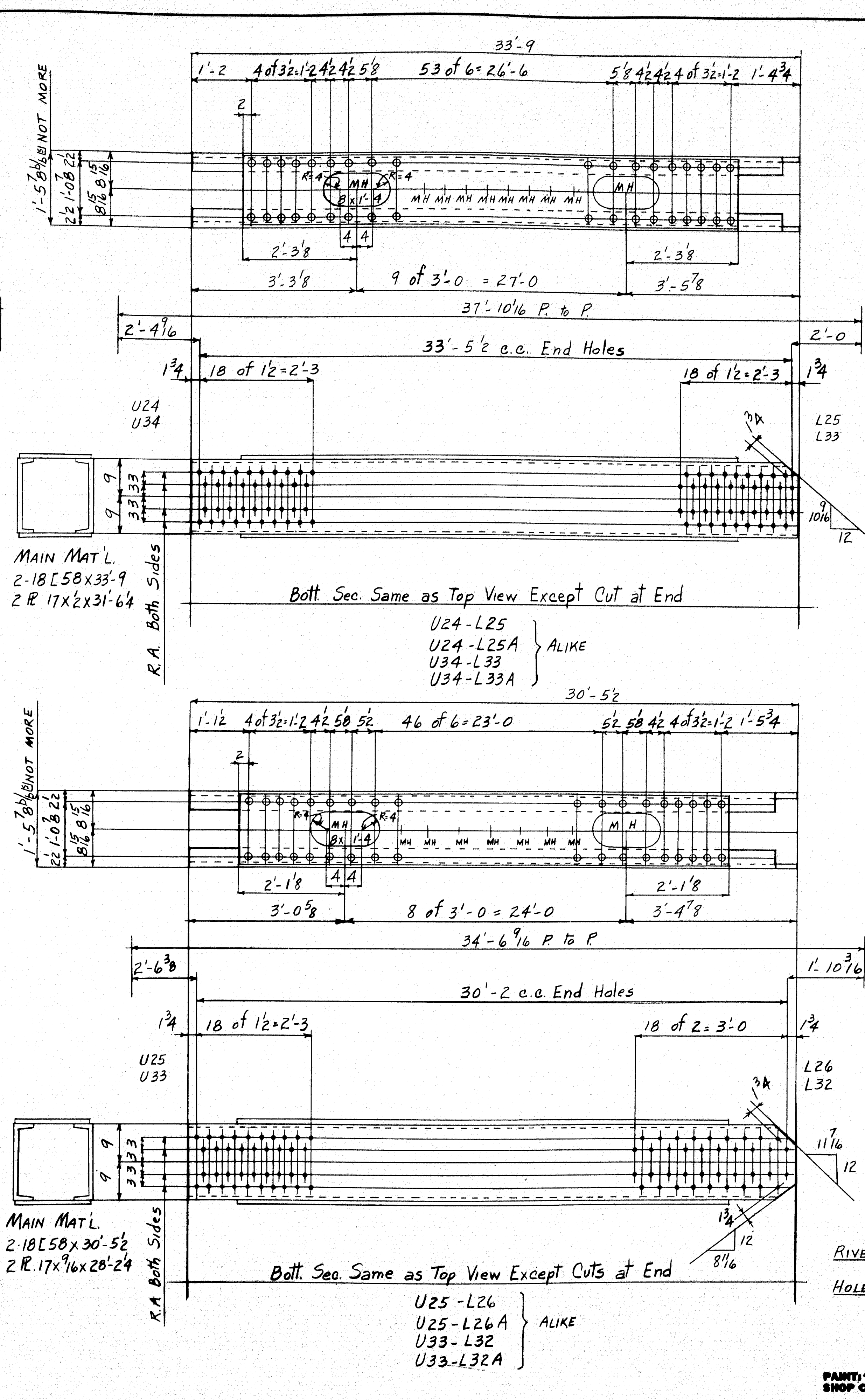
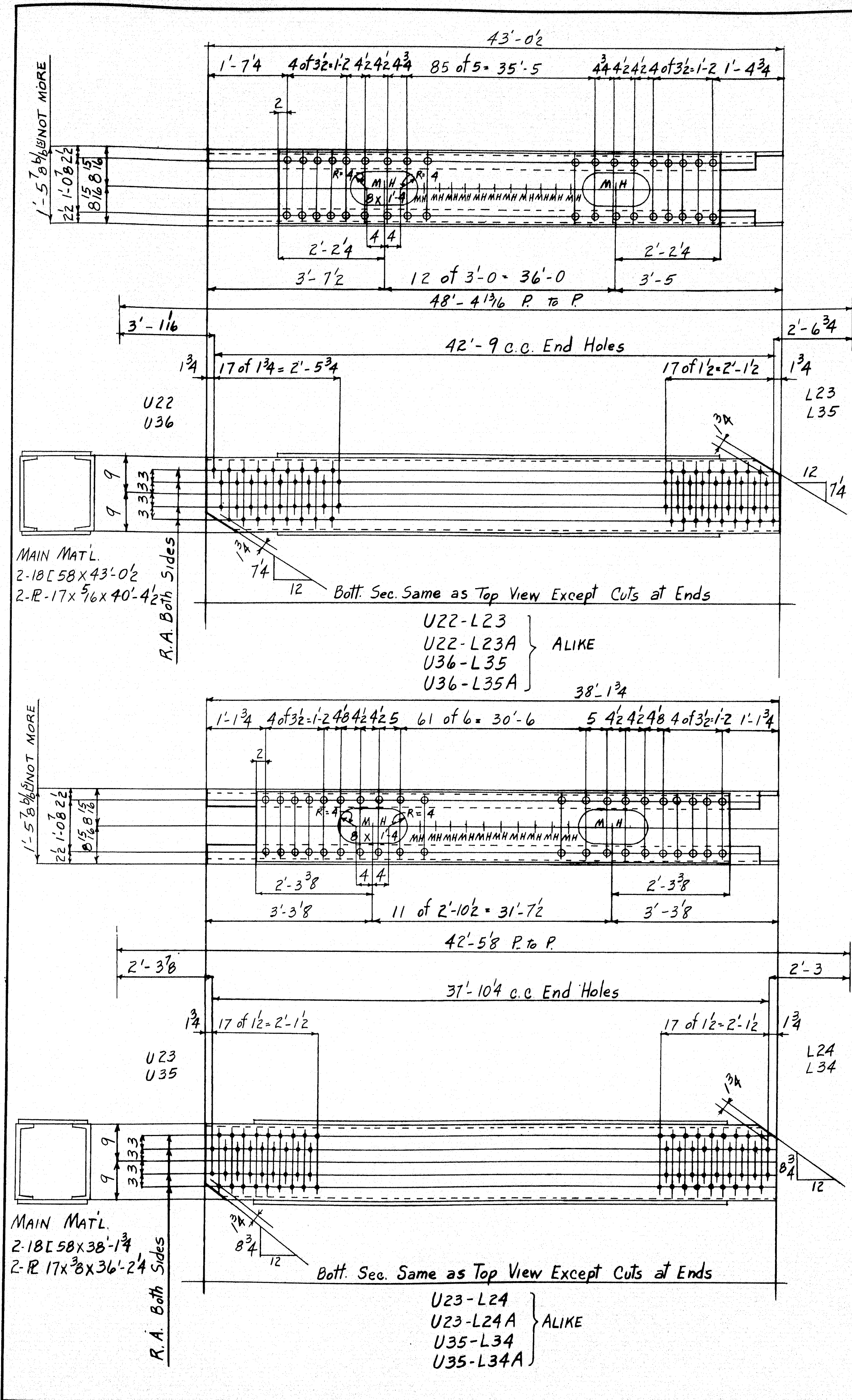
NOTES:-
 REAMING: HOLES MARKED R.A.
 ARE TO BE PUNCHED 1/4" SMALL AND
 REAMED TO SIZE WITH PARTS ASSEMBLED
 OR TO A METAL TEMPLATE.
 ALL FLAME CUTTING TO BE DONE
 WITH A MECHANICAL GUIDE.
 HOLES 15/16
 RIVETS 7/8
 PAINT - YES
 EXCEPT FIELD CON-
 TACT SURFACES FOR
 MAIN TRUSS CON-
 NECTIONS ONE COAT
 LACQUER
 SHOP CONTACT SURFACES

State of Maine
 State Highway Commission
 Bridge Division
 Bridge over Kennebec River
 Augusta, Maine
 Bridge - 5196 Project F1, U1 - 389 (2)

AMERICAN BRIDGE COMPANY
 UNITED STATES STEEL CORPORATION AFFILIATE

DRAWINGS MADE AT AMB - #1 PLANT
 WORK FABRICATED AT ELMIRA PLANT
 IN CHARGE OF HILLS - 257
 DRAW. MADE BY J.B. DATE 12-14-48
 DRAW. CHECKED BY W.H.G. DATE 2-18-49
 ORDER NO. J5761-T SHEET NO. 708





LINE	ITEM	MATERIAL	LENGTH	ASSEMBLY MARK	REMARKS	ORDERED	ITEM	CALCULATED WEIGHT FOR ONE SHOP PRICE
1	1	ONE DIAGONAL			U22-L23			
1	2	ONE DIAGONAL			U22-L23A			
1	3	ONE DIAGONAL			U36-L35			
1	4	ONE DIAGONAL			U36-L35A			
7	7	8 18 L58	43 0 1/2					43'-0 1/2 x 10061
8	8	8 R	17 5/16	40 4 1/2				40'-4 1/2 x 10061
18	18	ONE DIAGONAL			U23-L24			
19	19	ONE DIAGONAL			U23-L24A			
20	20	ONE DIAGONAL			U35-L34			
21	21	ONE DIAGONAL			U35-L34A			
22	22	8 18 L58	38 1 3/4					38'-1 3/4 x 10061
23	23	8 R	17 3/8	36 2 1/4				36'-2 1/4 x 10061
34	34	ONE DIAGONAL			U24-L25			
35	35	ONE DIAGONAL			U24-L25A			
36	36	ONE DIAGONAL			U34-L33			
37	37	ONE DIAGONAL			U34-L33A			
38	38	8 18 L58	33 9					33'-9 x 10061
39	39	8 R	17 1/2	31 6 1/4				31'-6 1/4 x 10061
40	40	ONE DIAGONAL			U25-L26			
41	41	ONE DIAGONAL			U25-L26A			
42	42	ONE DIAGONAL			U33-L32			
43	43	ONE DIAGONAL			U33-L32A			
44	44	8 18 L58	30 5 1/2					30'-5 1/2 x 10061
45	45	8 R	17 9/16	28 2 1/4				28'-2 1/4 x 10061
46	46	ONE DIAGONAL			U25-L26			
47	47	ONE DIAGONAL			U25-L26A			
48	48	ONE DIAGONAL			U33-L32			
49	49	ONE DIAGONAL			U33-L32A			
50	50	8 18 L58	30 5 1/2					30'-5 1/2 x 10061
51	51	8 R	17 9/16	28 2 1/4				28'-2 1/4 x 10061
52	52	ONE DIAGONAL			U25-L26			
53	53	ONE DIAGONAL			U25-L26A			
54	54	ONE DIAGONAL			U33-L32			
55	55	ONE DIAGONAL			U33-L32A			
56	56	8 18 L58	30 5 1/2					30'-5 1/2 x 10061
57	57	8 R	17 9/16	28 2 1/4				28'-2 1/4 x 10061
58	58	ONE DIAGONAL			U25-L26			
59	59	ONE DIAGONAL			U25-L26A			
60	60	ONE DIAGONAL			U33-L32			
61	61	ONE DIAGONAL			U33-L32A			
62	62	8 18 L58	30 5 1/2					30'-5 1/2 x 10061
63	63	8 R	17 9/16	28 2 1/4				28'-2 1/4 x 10061
64	64	ONE DIAGONAL			U25-L26			
65	65	ONE DIAGONAL			U25-L26A			
66	66	ONE DIAGONAL			U33-L32			
67	67	ONE DIAGONAL			U33-L32A			
68	68	8 18 L58	30 5 1/2					30'-5 1/2 x 10061
69	69	8 R	17 9/16	28 2 1/4				28'-2 1/4 x 10061
70	70	ONE DIAGONAL			U25-L26			
71	71	ONE DIAGONAL			U25-L26A			
72	72	ONE DIAGONAL			U33-L32			
73	73	ONE DIAGONAL			U33-L32A			
74	74	8 18 L58	30 5 1/2					30'-5 1/2 x 10061
75	75	8 R	17 9/16	28 2 1/4				28'-2 1/4 x 10061

NOTES:
REMARKS: HOLES MARKED R.A.
ARE TO BE PUNCHED 1/8" SMALL
AND REAMED TO SIZE WITH
PARTS ASSEMBLED OR TO A
METAL TEMPLAT.
ALL FLAME CUTTING SHALL BE
DONE WITH A MECHANICAL
GUIDE.

RIVETS 7/8
HOLES 15/16

(YES EXCEPT FIELD CONTACT SURFACES; FOR MAIN TRUSS CONNECTIONS PAINT: ONE COAT LACQUER, SHOP CONTACT SURFACES: NO)

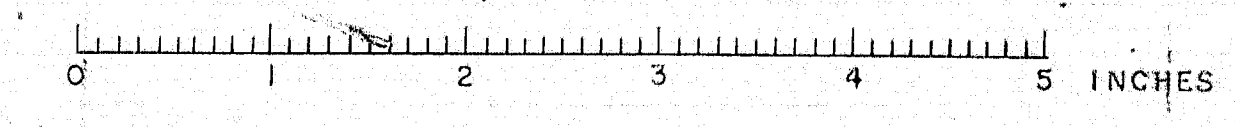
DIAGONALS

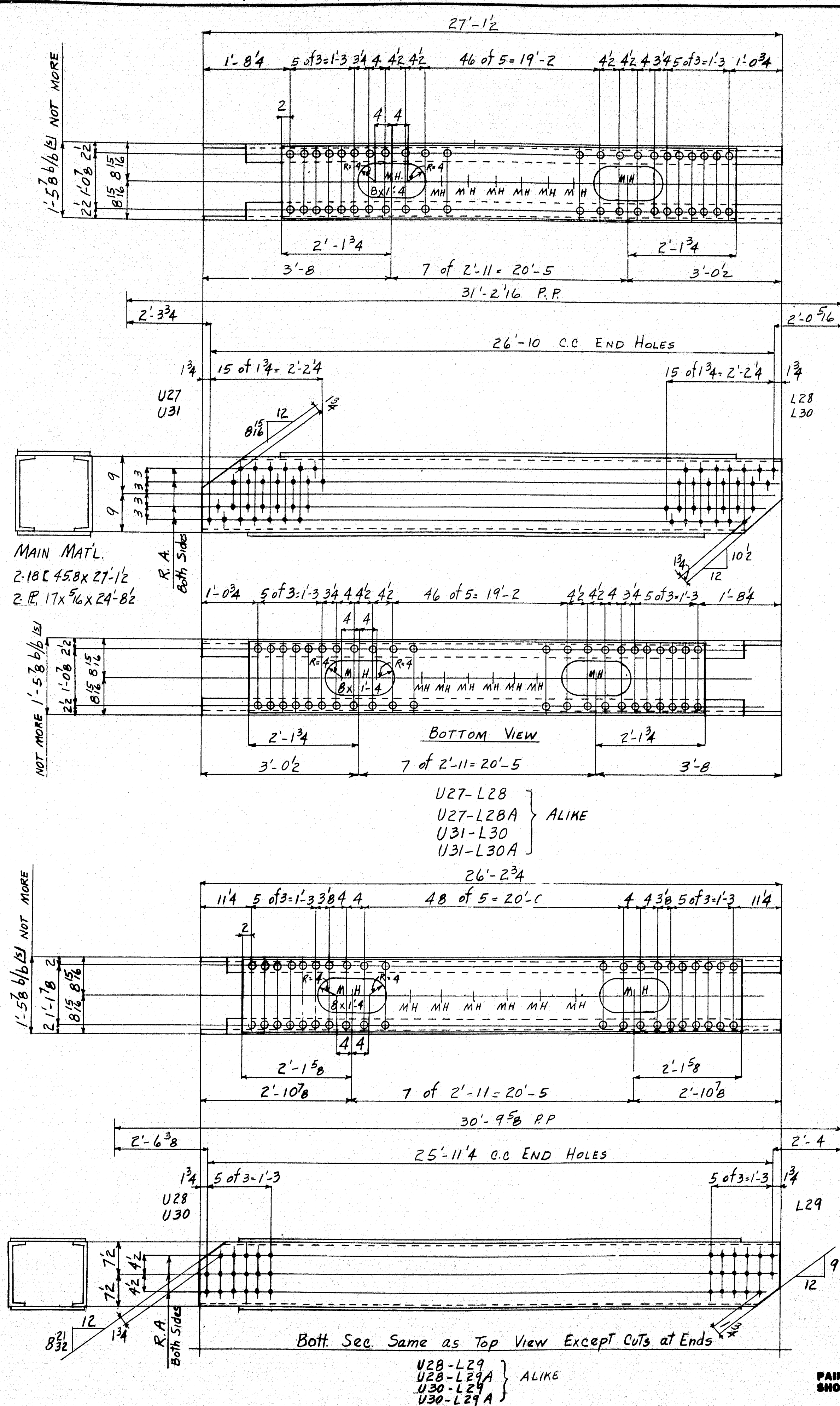
State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

DRAWINGS MADE AT: A.M.B. - #1 PLANT
WORK FABRICATED AT: ELMIRA PLANT
IN CHARGE OF: HILLS - 257
DRAW. MADE BY: J.B. DATE: 10-20-48
DRAW. CHECKED BY: W.H.C. DATE: 2-24-49

ORDER NO. 5761-T SHEET NO. 709





DIX		LINE	2nd of Piece on the Side	No. of Pcs. on Sheet	MATERIAL		LENGTH		ASSEMBLY MARK	REMARKS	ORDERED		CALCULATED WEIGHT FOR ONE SHEET - Pcs. ea
10	7				SHAPE		Feet	Inches				ITEM	
		1											
/		2			ONE	DIAGONAL				L31-U32			
/		3			ONE	DIAGONAL				L31-U32A			
		4											
		5			4	18	5 5/8	28	9 1/2		28'-9 1/2"	7088	
		6			2	R	17 5/16	24	6 3/4		24'-6 3/4"	7039	
		7			2	R	17 5/16	27	9 1/4		27'-9 1/4"	7037	
		8			4	FL	16 2/8	3	4	da		S	
/		9			ONE	DIAGONAL				U27-L28			
/		10			ONE	DIAGONAL				U27-L28A			
/		11			ONE	DIAGONAL				U31-L30			
/		12			ONE	DIAGONAL				U31-L30A			
		13											
		14			8	18	5 5/8	27	1 1/2		27'-1 1/2"	7095	
		15			8	R	17 5/16	24	8 1/2		24'-8 1/2"	7038	
		16											
/		17			ONE	DIAGONAL				U28-L29			
/		18			ONE	DIAGONAL				U28-L29A			
/		19			ONE	DIAGONAL				U30-L29			
/		20			ONE	DIAGONAL				U30-L29A			
		21											
		22			8	15	3 3/4	26	2 3/4		26'-2 3/4"	7091	
		23			8	R	17 5/16	24	8 1/4		24'-8 1/4"	7038	
		24											
		25											
		26											
		27											
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DIAGONALS

NOTES:

REAMING: HOLES MARKED R.A.
ARE TO BE PUNCHED 4" SMALL
AND REAMED TO SIZE WITH
PARTS ASSEMBLED OR TO A
METAL TEMPLET,
ALL FLAME CUTTING SHALL BE DONE
WITH A MECHANICAL GUIDE.

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

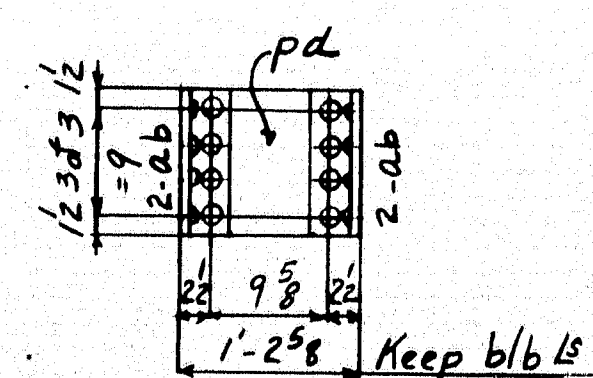
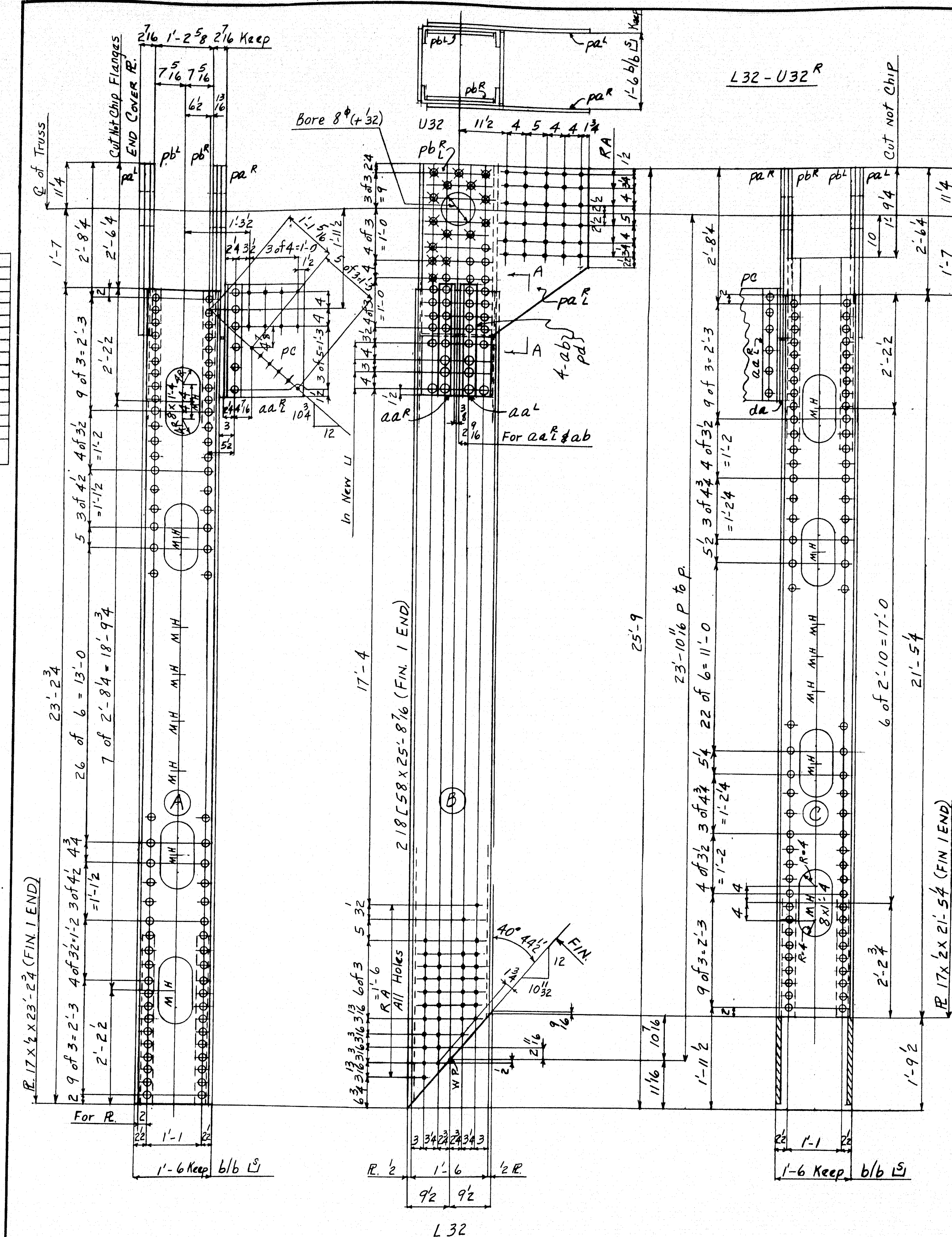
AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION SUBSIDIARY

DRAWINGS MADE AT AMB - #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS - 257
DRAW. MADE BY JB DATE 11-29-48
DRAW. CHECKED BY NUG DATE 2-25-49

ORDER No. 15761-T SHEET No. 710

Att. Bill 703

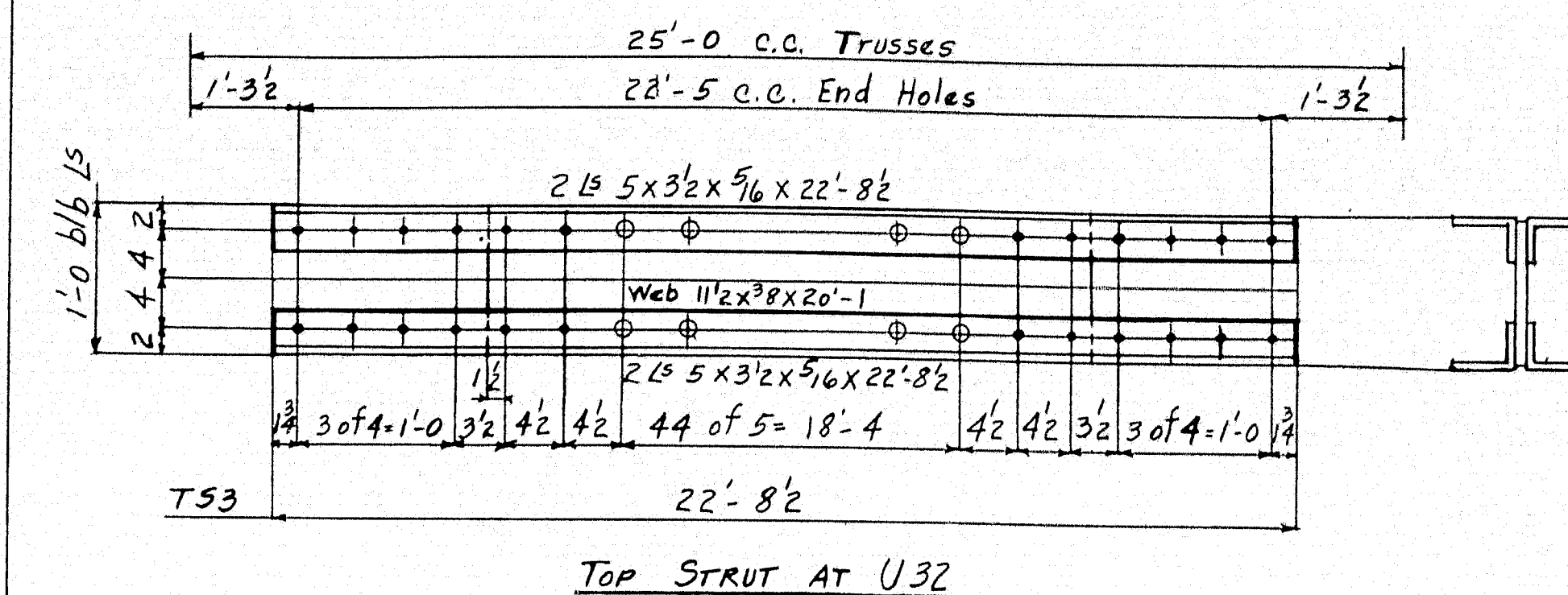
52-191



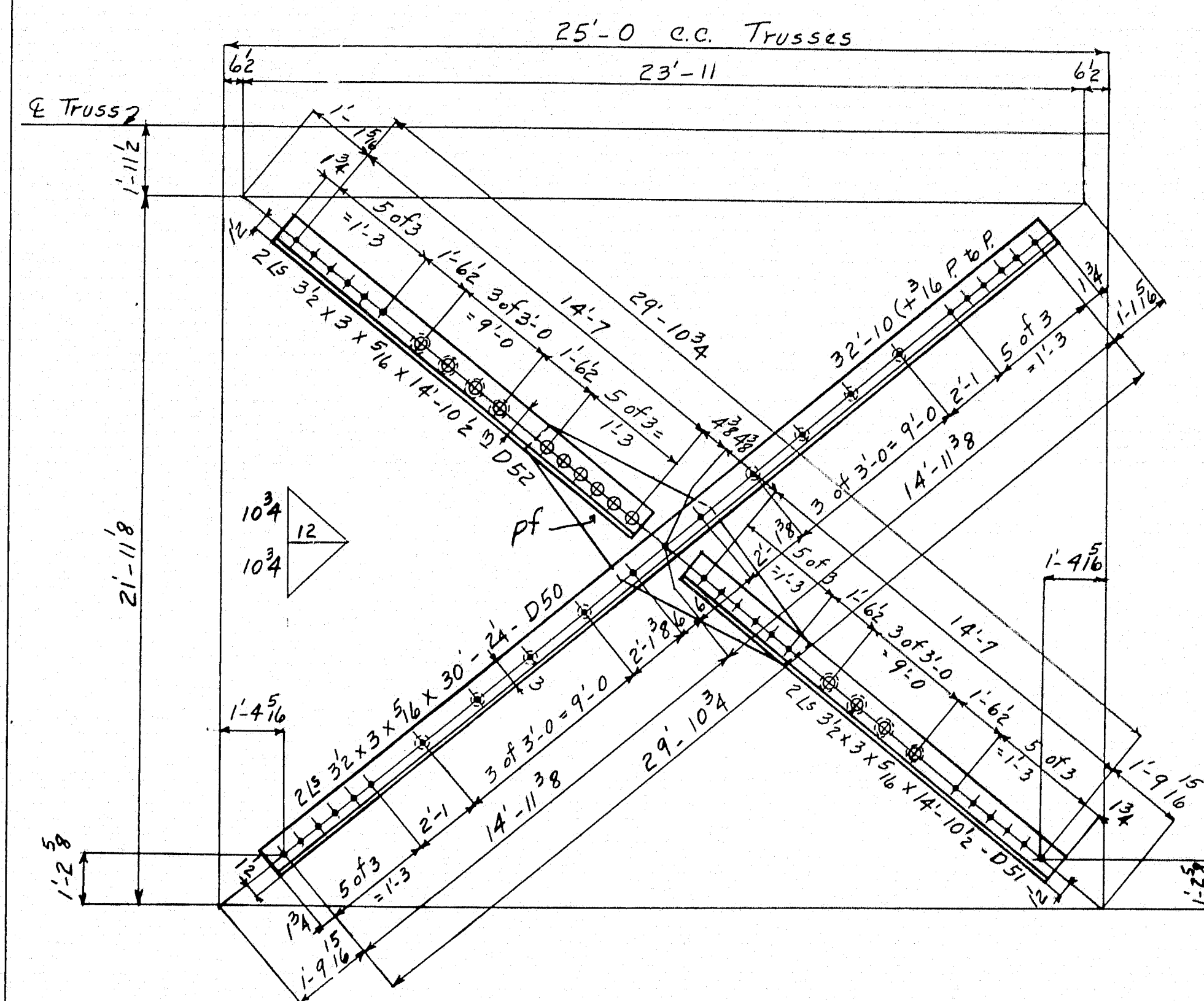
Sect. A-A

COST SUB-DIVISION T-

— COST SUB-DIVISION M



TOP STRUT AT U32



SWAY FRAME AT 32

NOTES:

REAMING: HOLES MARKED RA ARE TO BE PUNCHED 1/4" SMALL AND REAMED TO SIZE WITH PARTS ASSEMBLED OR TO A METAL TEMPLATE.

ALL FLAME CUTTING TO BE DONE WITH A MECHANICAL GUIDE.

SHEARED EDGES OF PLATES MARKED E IN SHOP BILL SHALL BE PLANED TO A DEPTH OF 1/4".

7
8 ^{•φ} RIVETS

15
16 ^{•φ} HOLES - UNLESS NOTED

PAINT: YES / COAT LACQUER
SHOP CONTACT SURFACES: No

PANT, YES
SHOP CONT

F	
E	
D	
C	
B	
X	
REVISIONS	

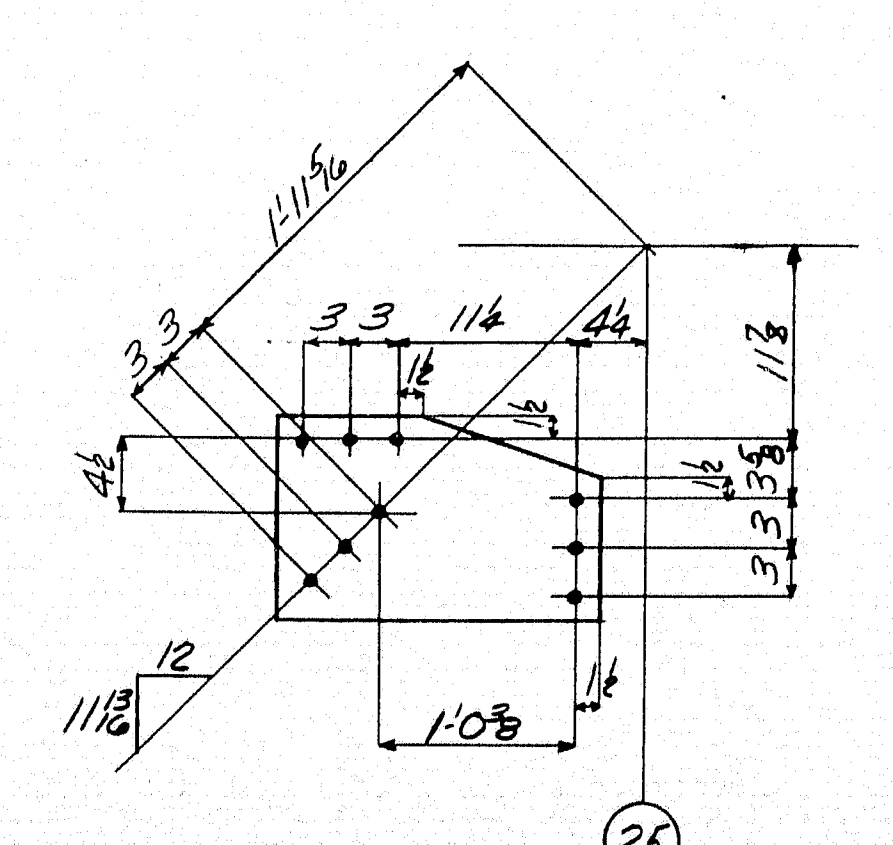
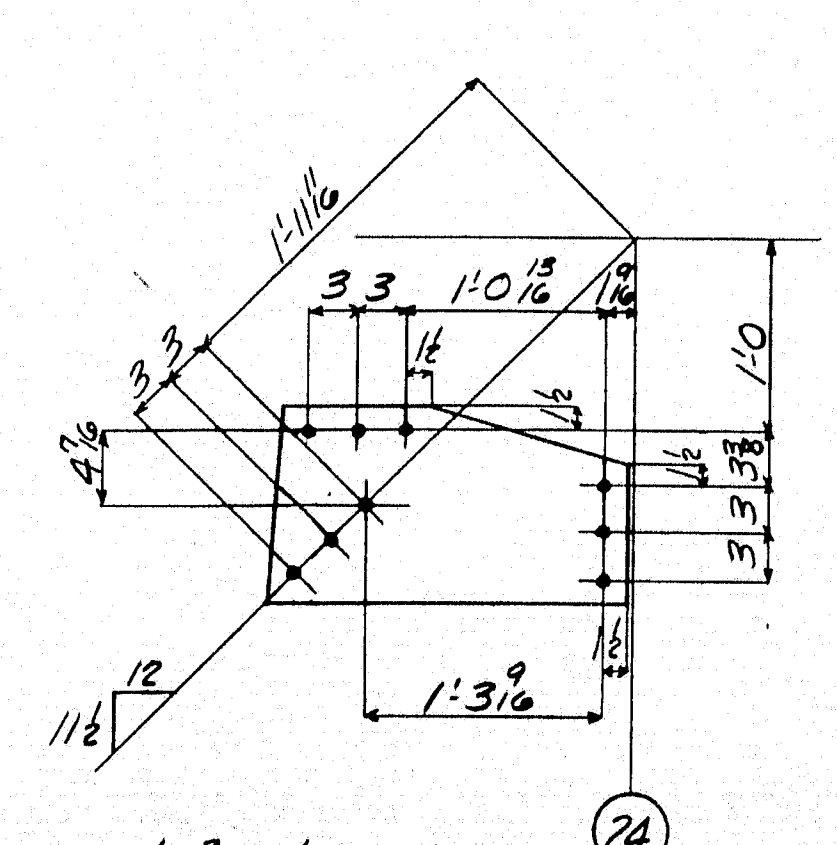
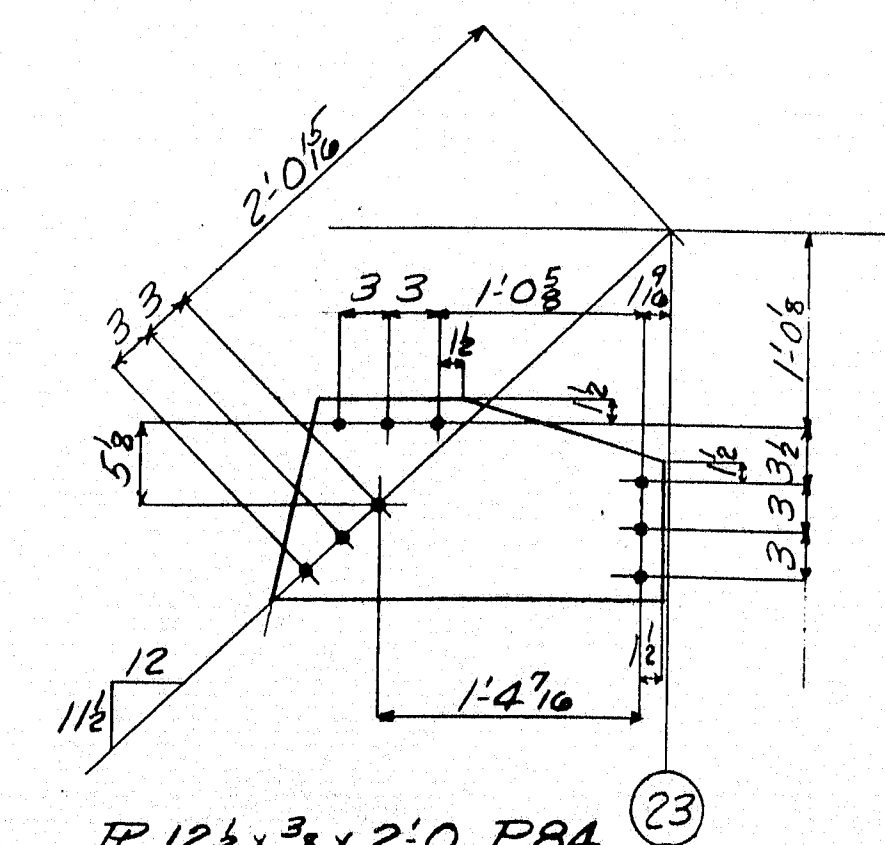
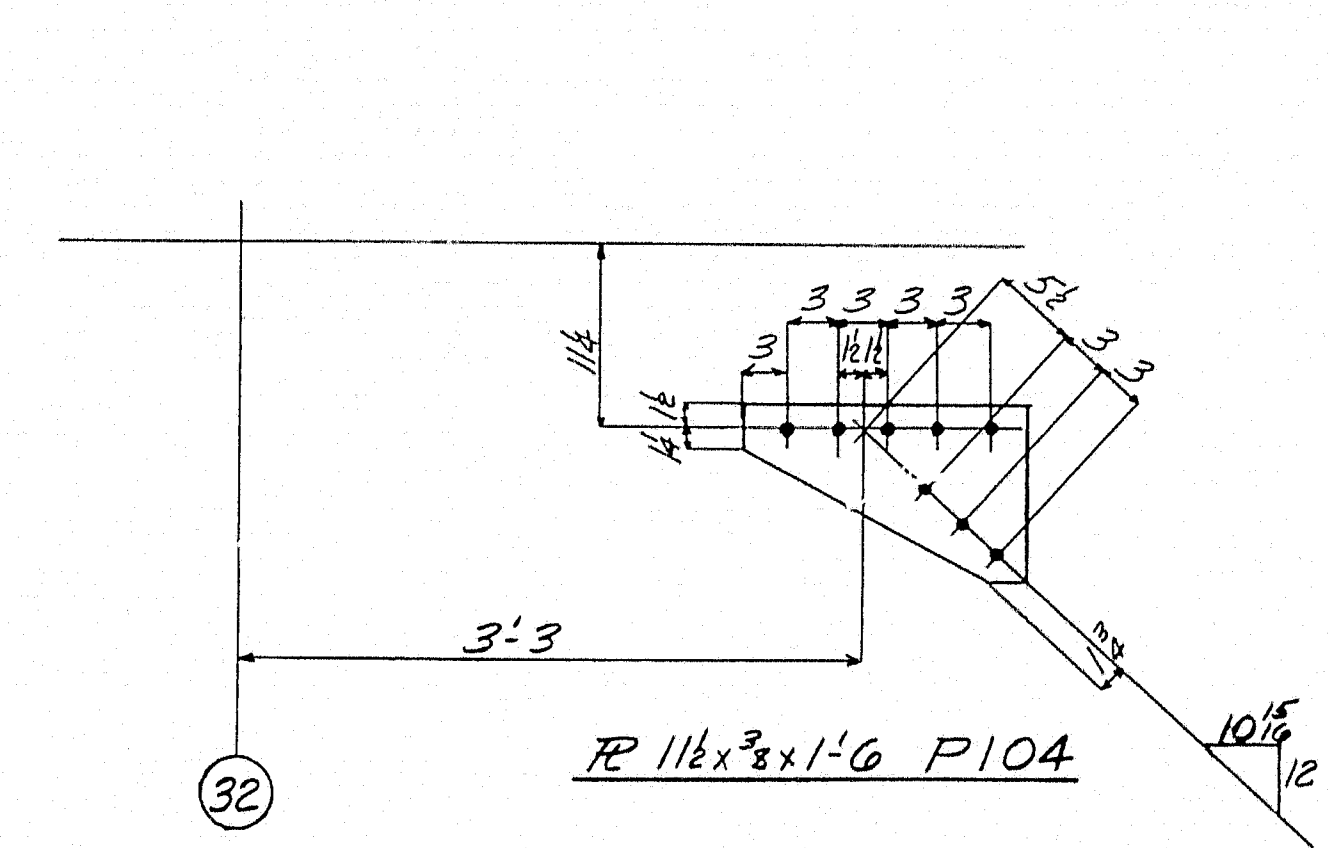
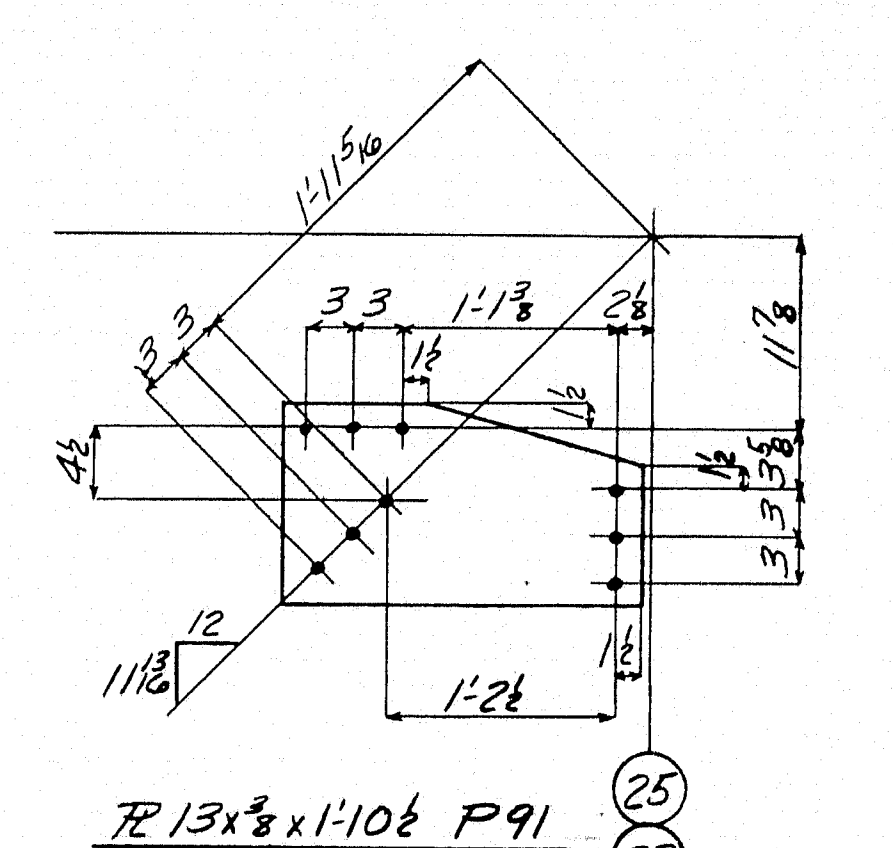
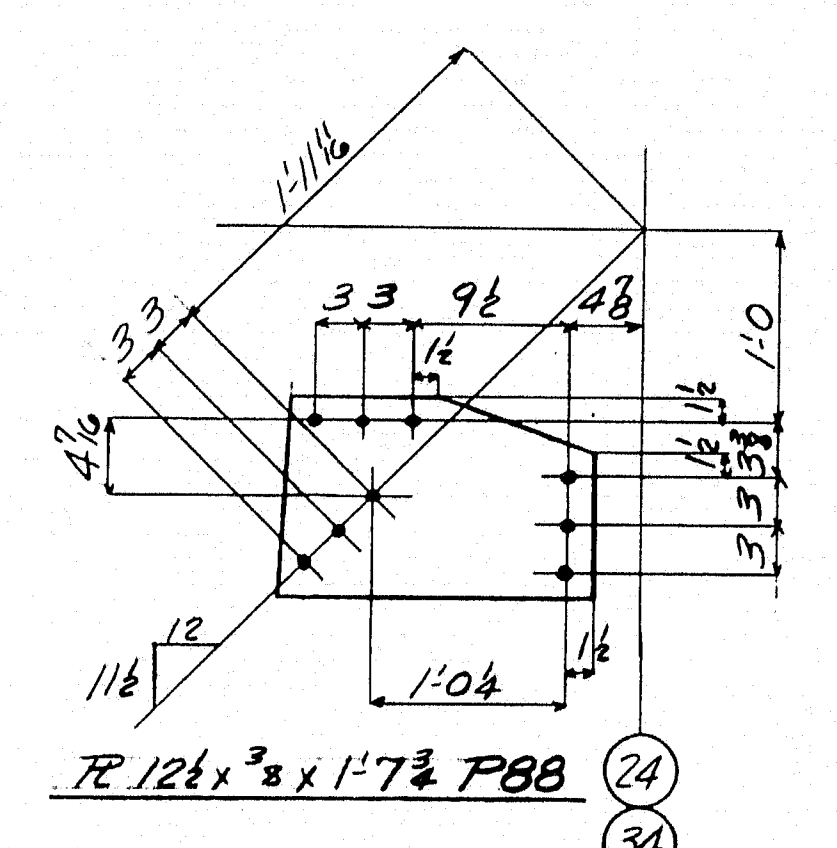
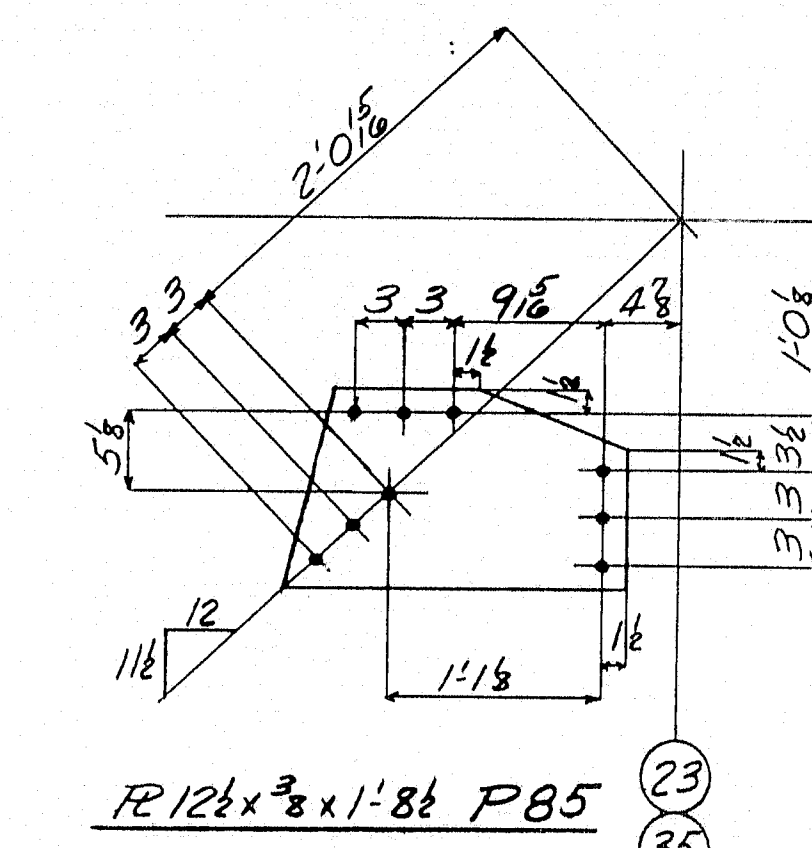
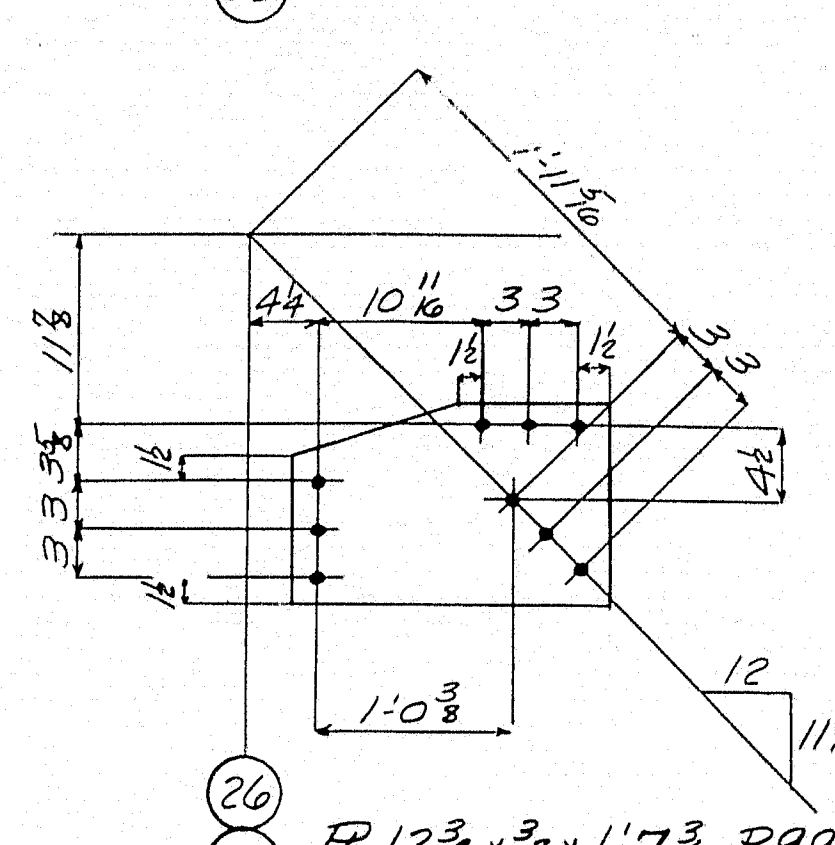
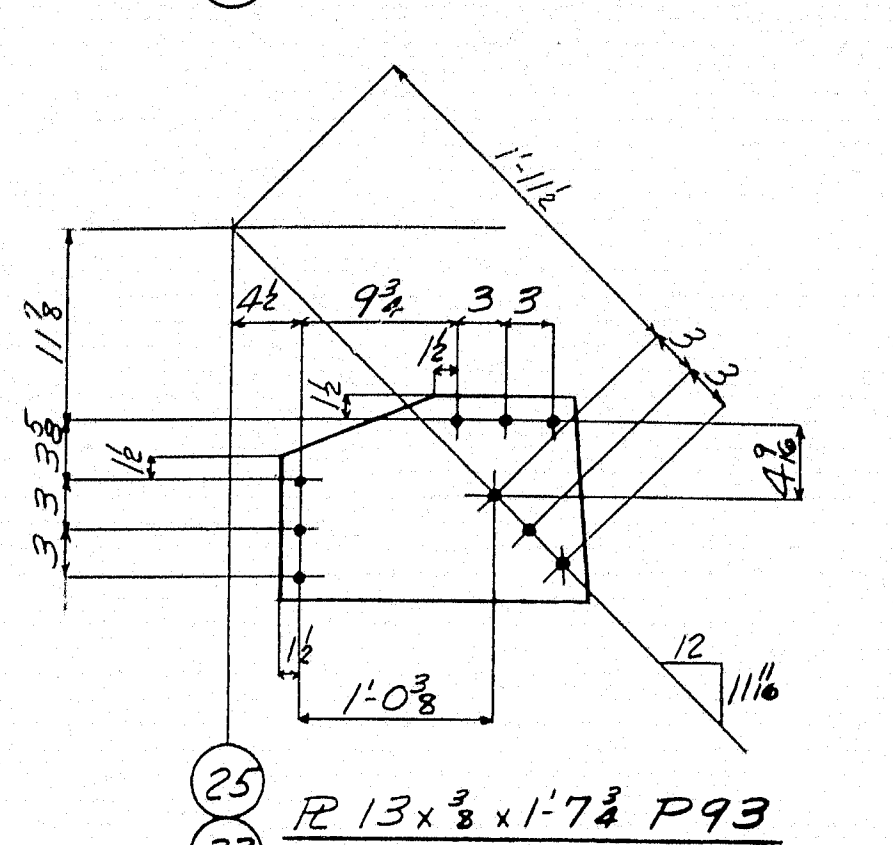
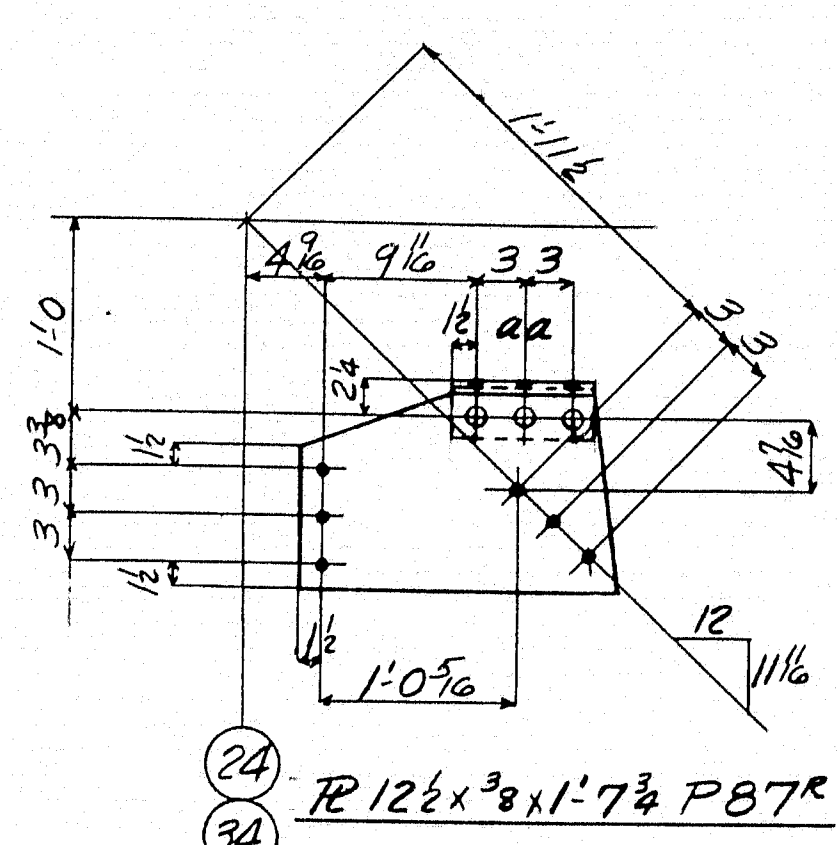
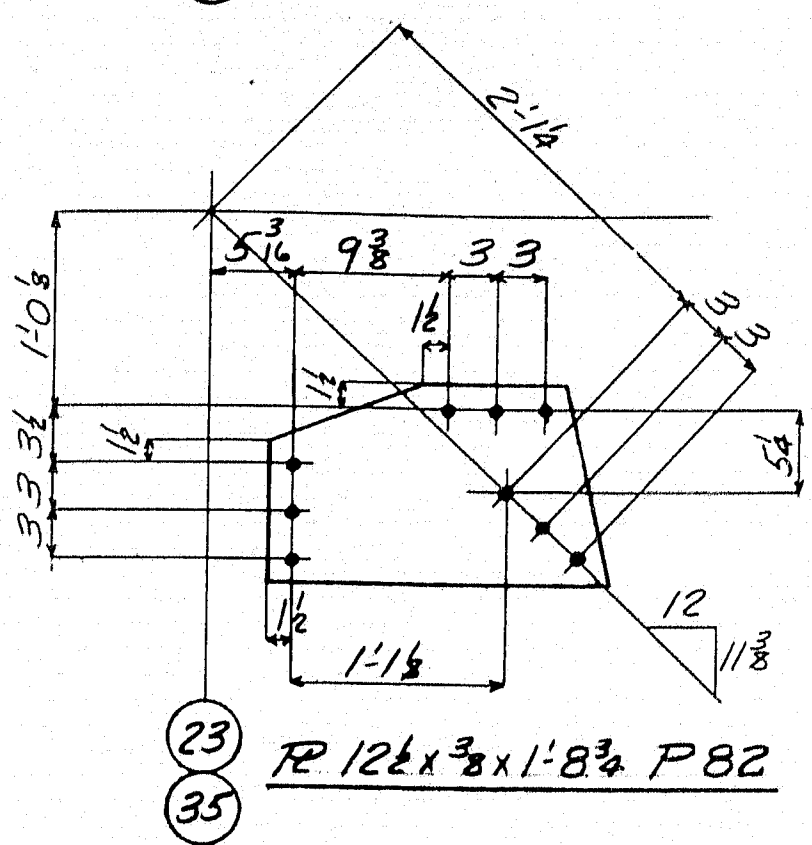
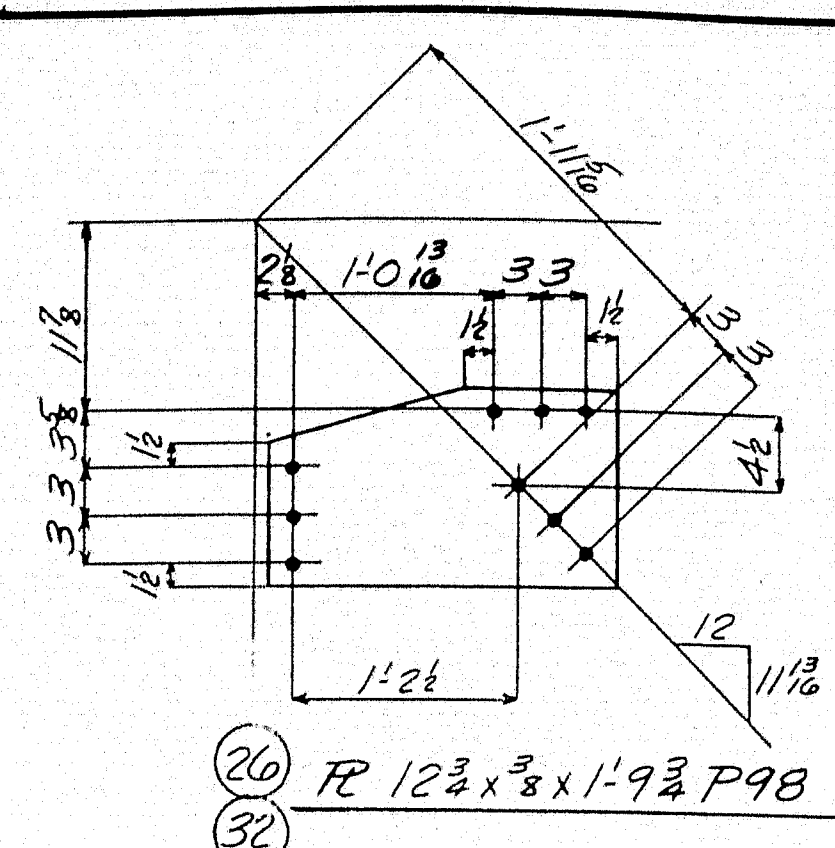
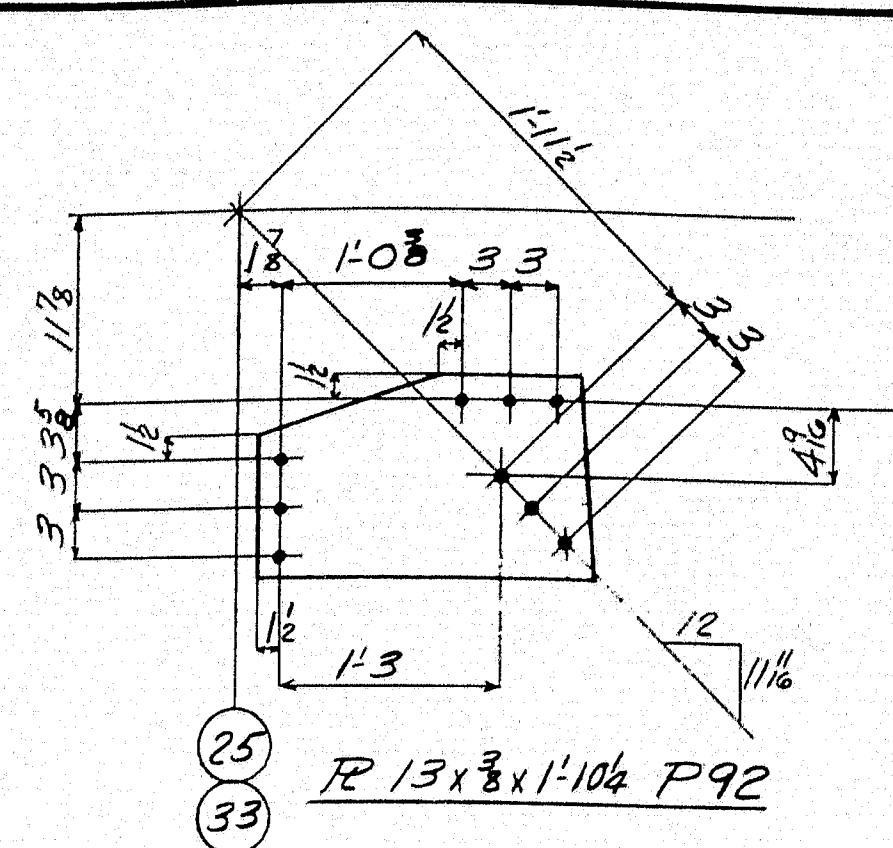
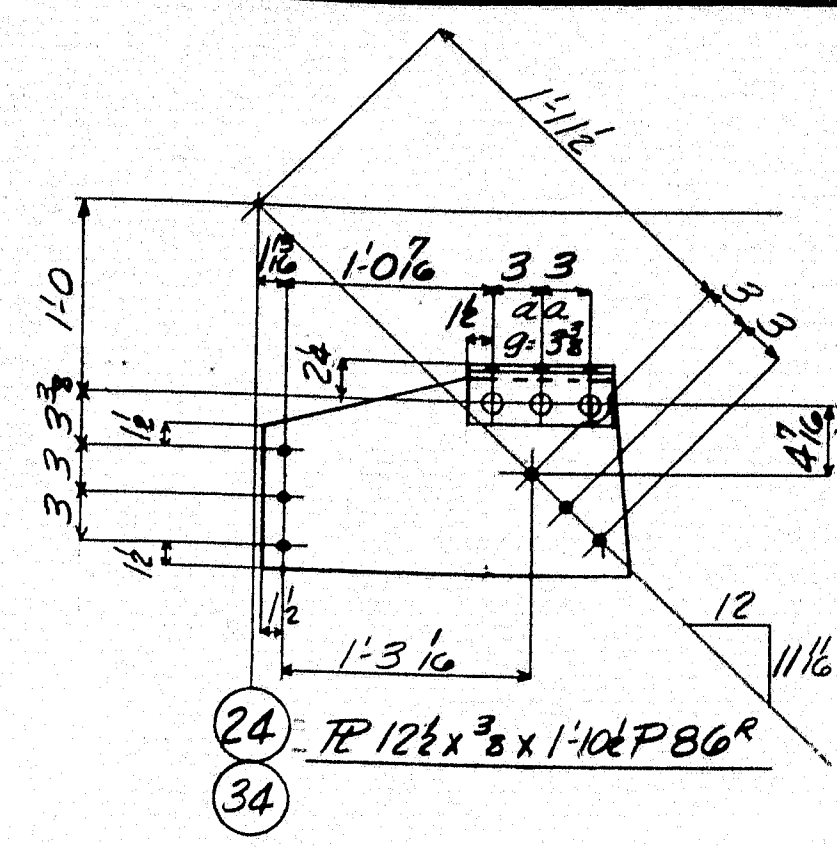
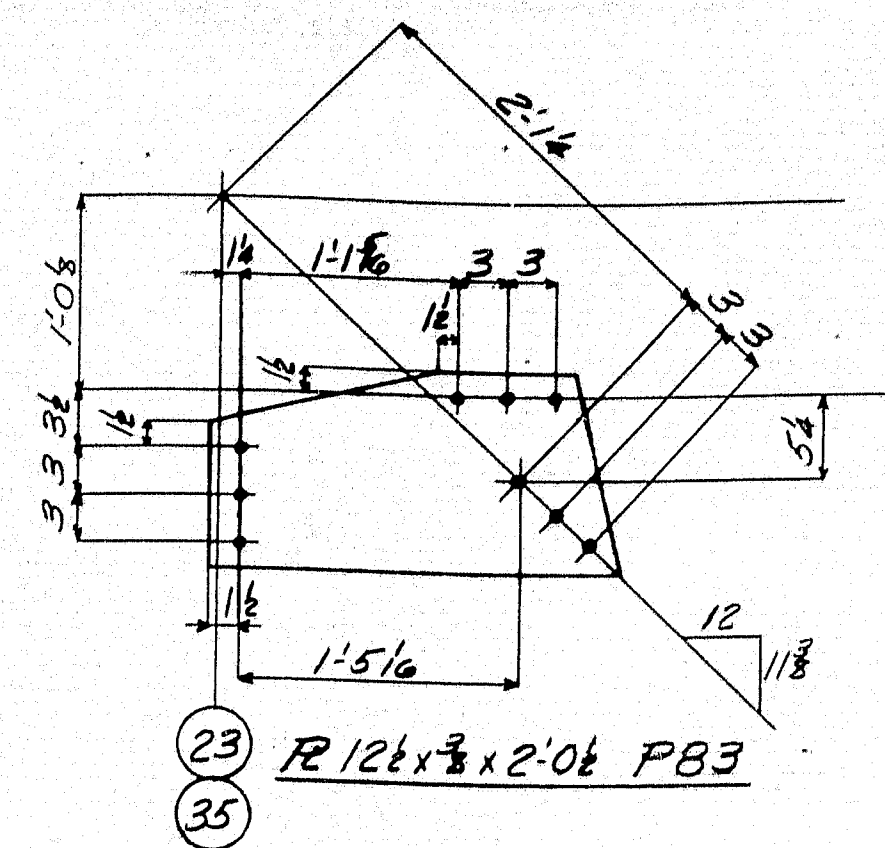
DRAWINGS MADE AT AMB. - #1 PLANT
WORK FABRICATED AT ELMIRA PLANT
IN CHARGE OF HILLS - 257
DRAW. MADE BY JB DATE 1-7-49
DRAW. CHECKED BY WUC DATE 2-26-49

ORDER No. 15761 T M SHEET No. 711

52-192

711

52-192



Div.	Line	Item	Material	Length	Remarks	Ordered	Calculated
			Shape	Feet		Item	Weight
22	1	4	R 12x3/8	20 1/2	P83	244	
22	2	4	R 12x3/8	1 3/4	P82	1244	
22	3	4	R 12x3/8	1 8 1/2	P85	1244	
22	4	4	R 12x3/8	20	P84	1244	
11	9	2	R 12x3/8	1 10 1/2	P86R	1244	
11	10	2	R 12x3/8	1 10 1/2	P86R	1244	
11	11	8	4 L 5 3/8 x 3/8	9	aa	1107	
11	12	2	R 12x3/8	1 7 3/4	P87R	1244	
11	13	2	R 12x3/8	1 7 3/4	P87R	1244	
11	14	4	L	aa			
22	17	4	R 12x3/8	1 7 3/4	P88	1244	
22	18	4	R 12x3/8	1 11	P89	1244	
22	21	4	R 13x3/8	1 10 1/2	P92	1244	
22	22	4	R 13x3/8	1 7 3/4	P93	1244	
22	23	4	R 13x3/8	1 10 1/2	P91	1244	
22	24	4	R 13x3/8	1 8 1/4	P90	1244	
22	26	4	R 12x3/8	1 9 3/4	P98	1244	
22	27	4	R 12x3/8	1 7 3/4	P99	AS	
22	32	4	R 12x3/8	1 6	P104	7676	

Misc. R

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 2

AMERICAN BRIDGE COMPANY

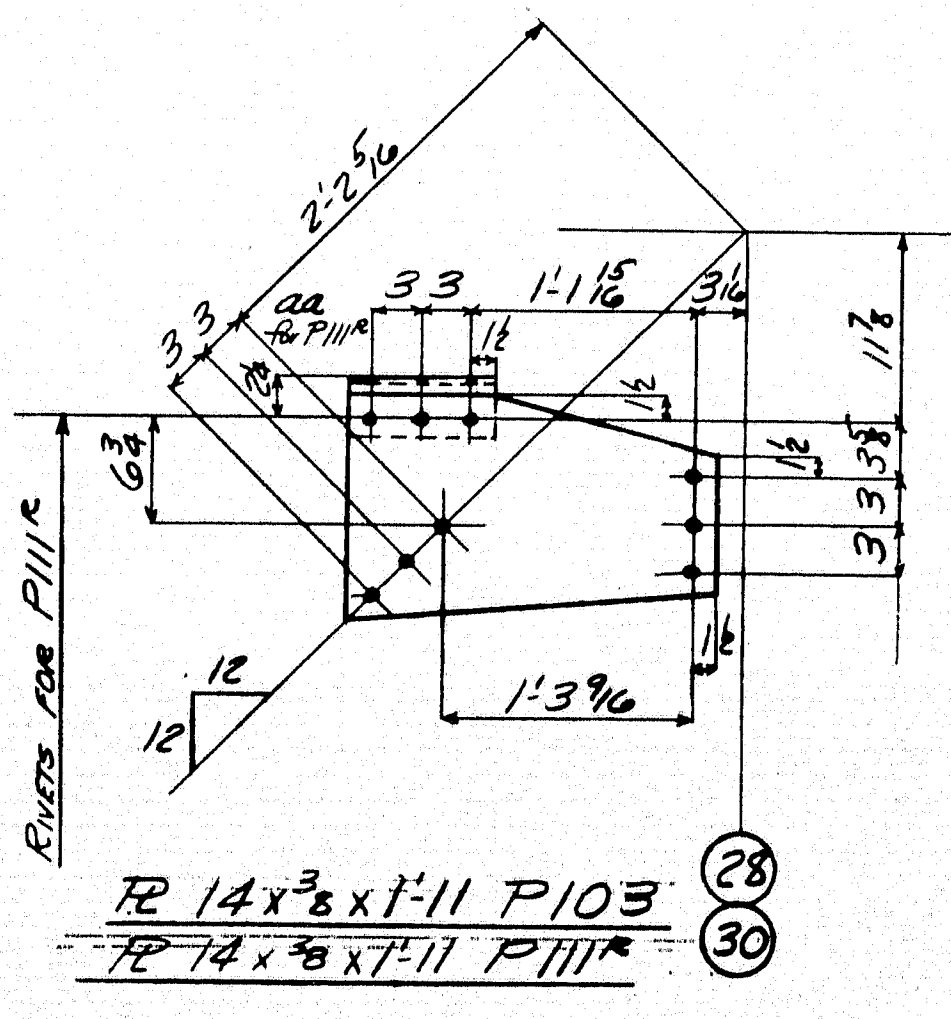
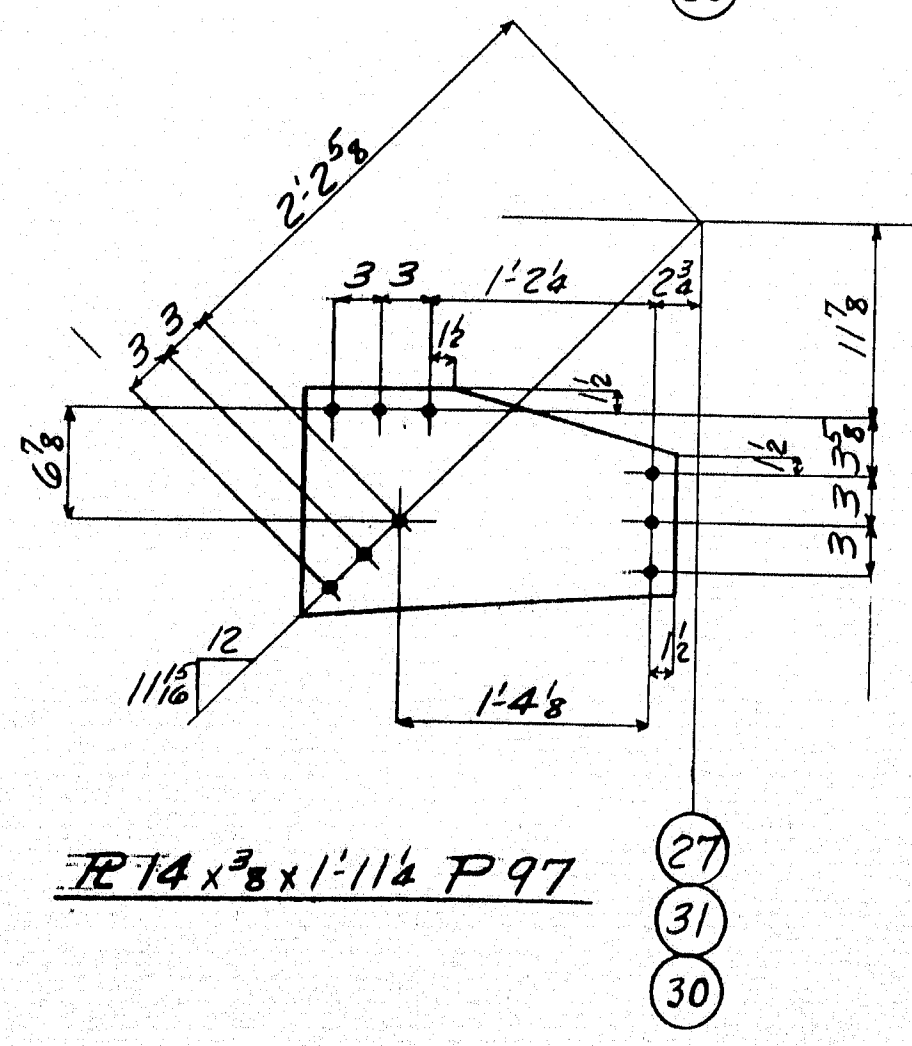
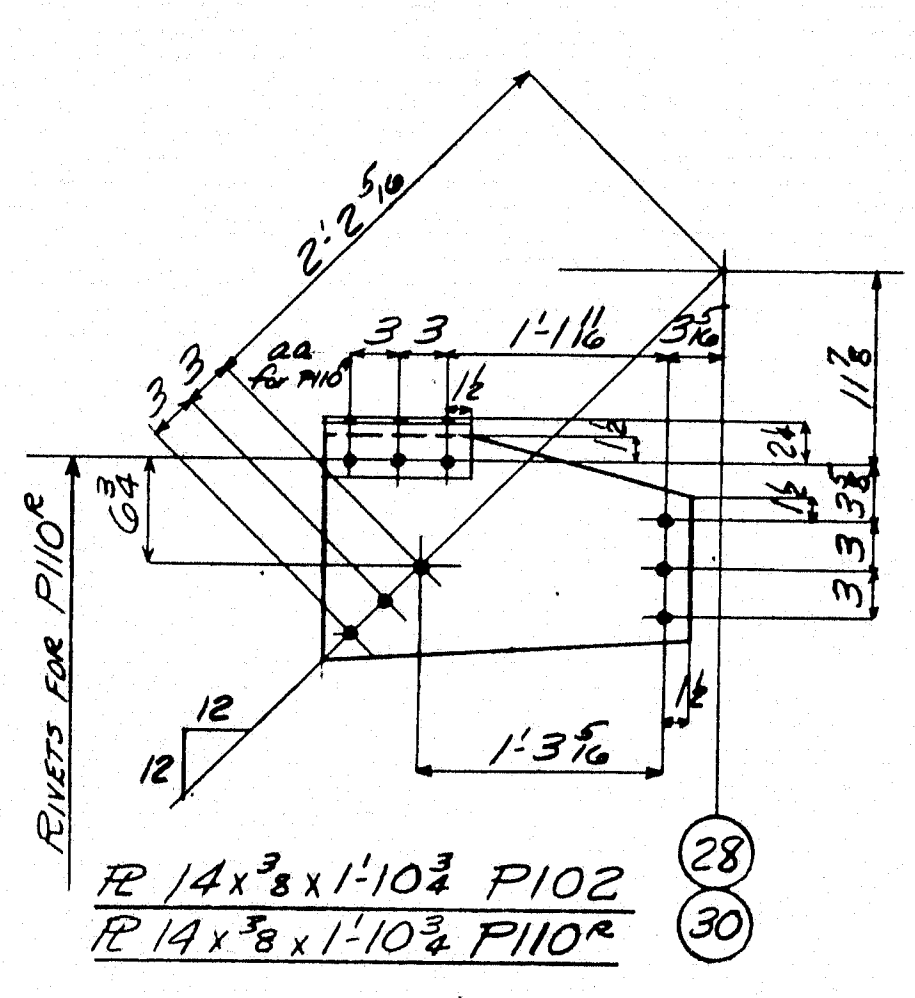
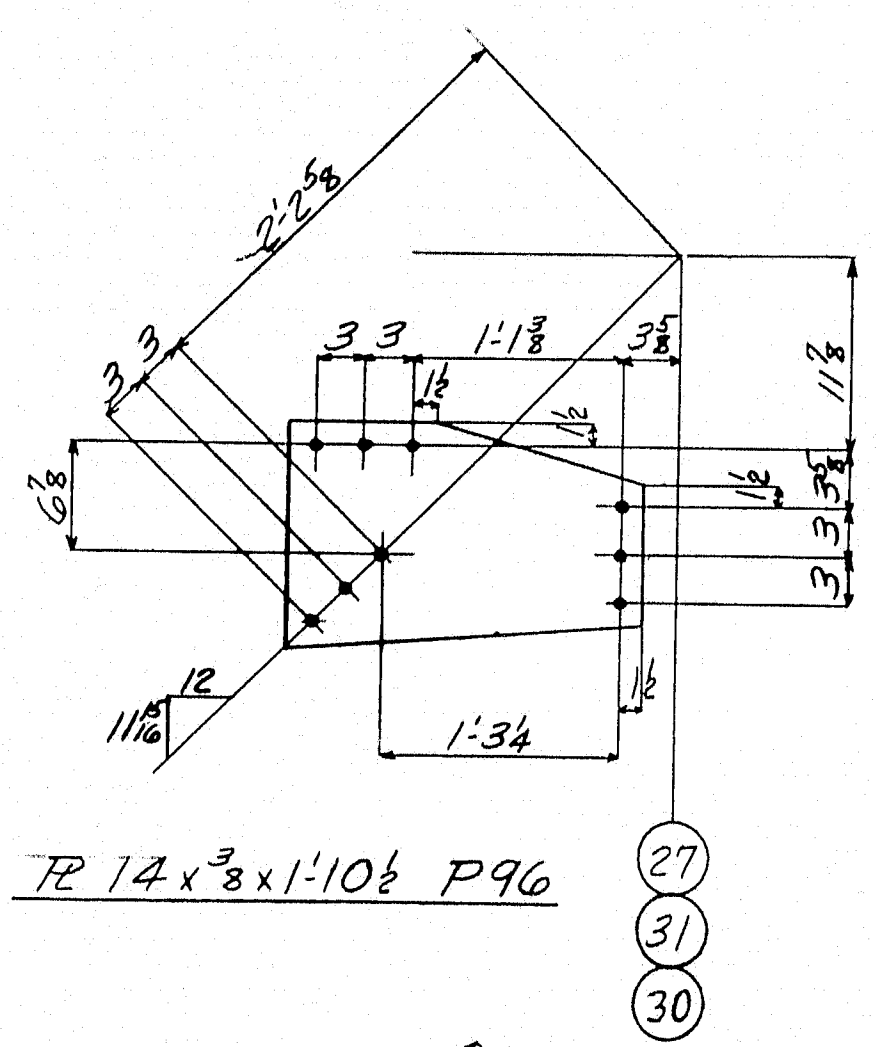
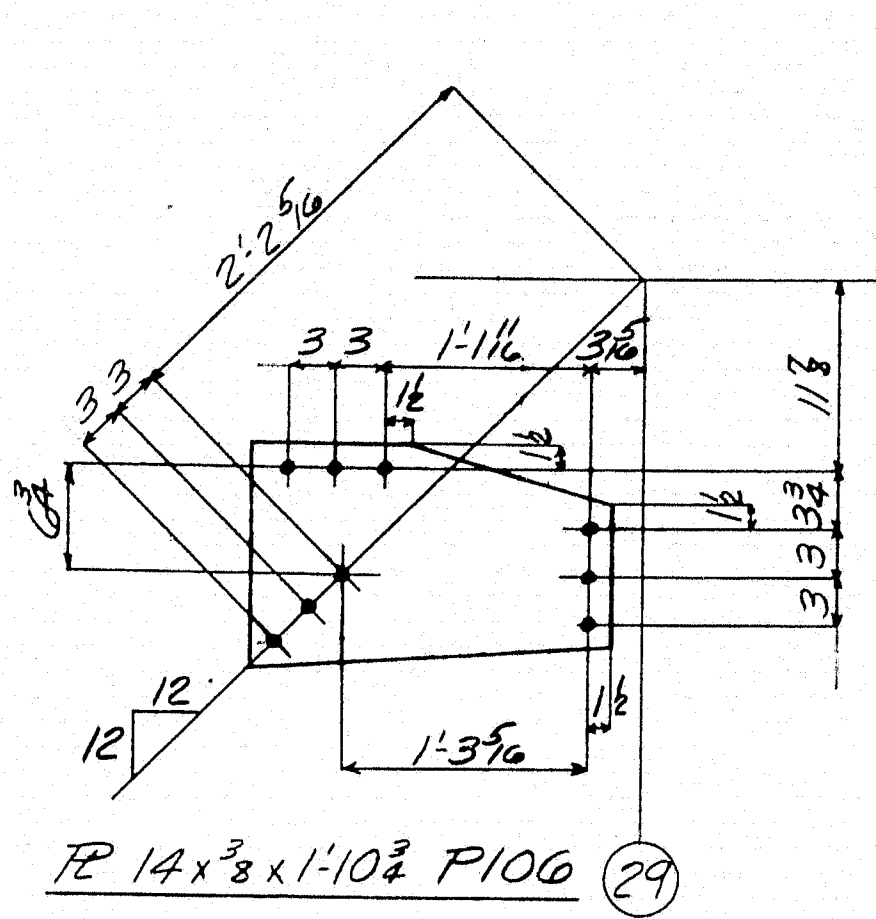
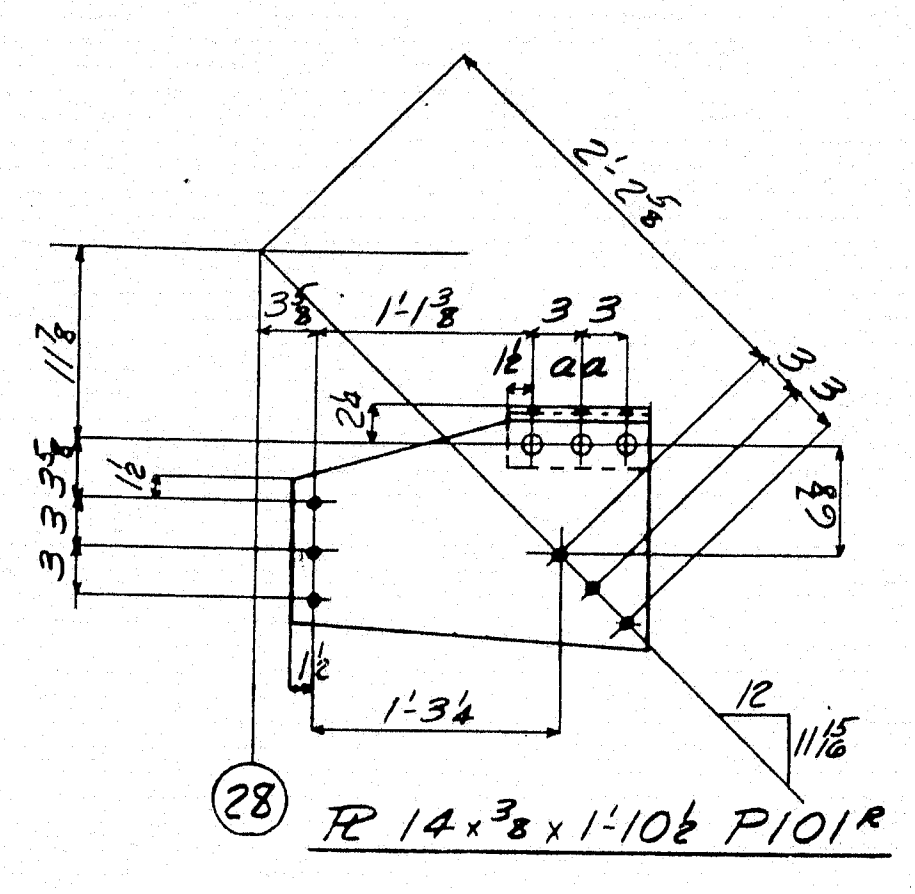
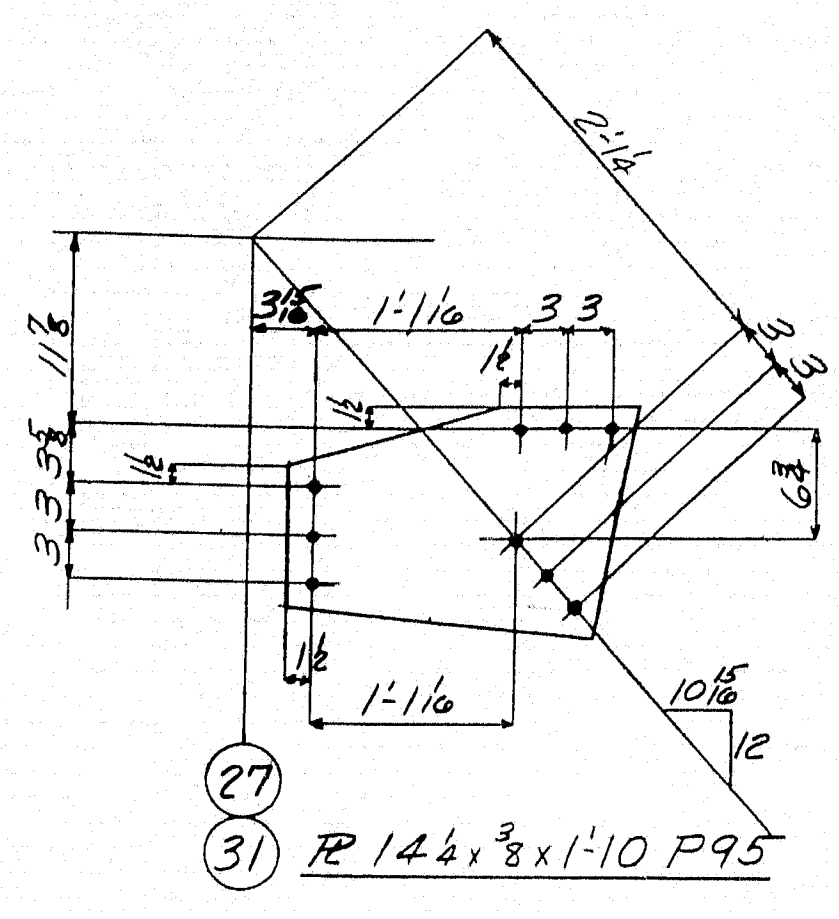
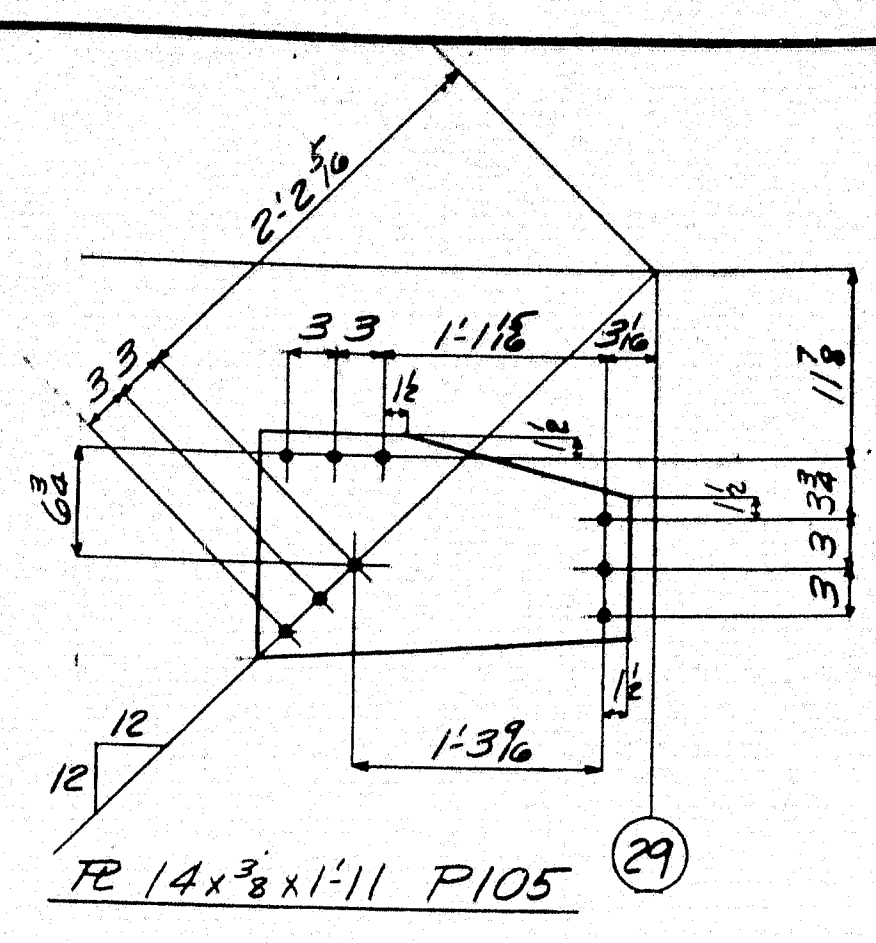
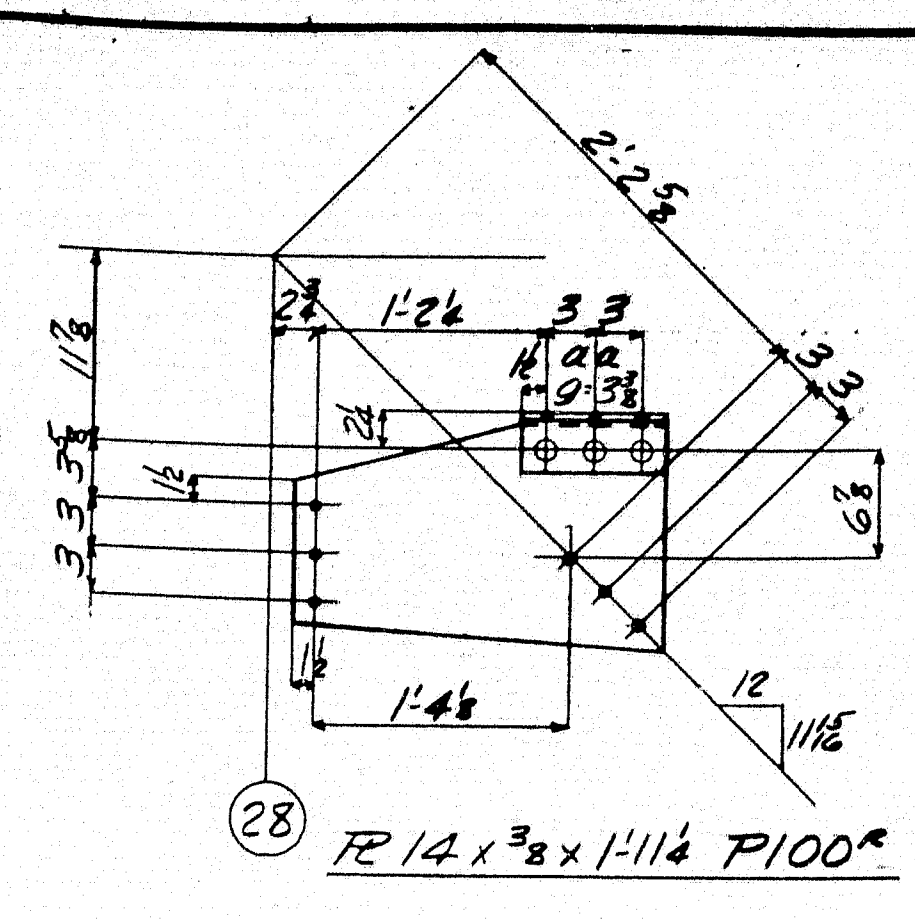
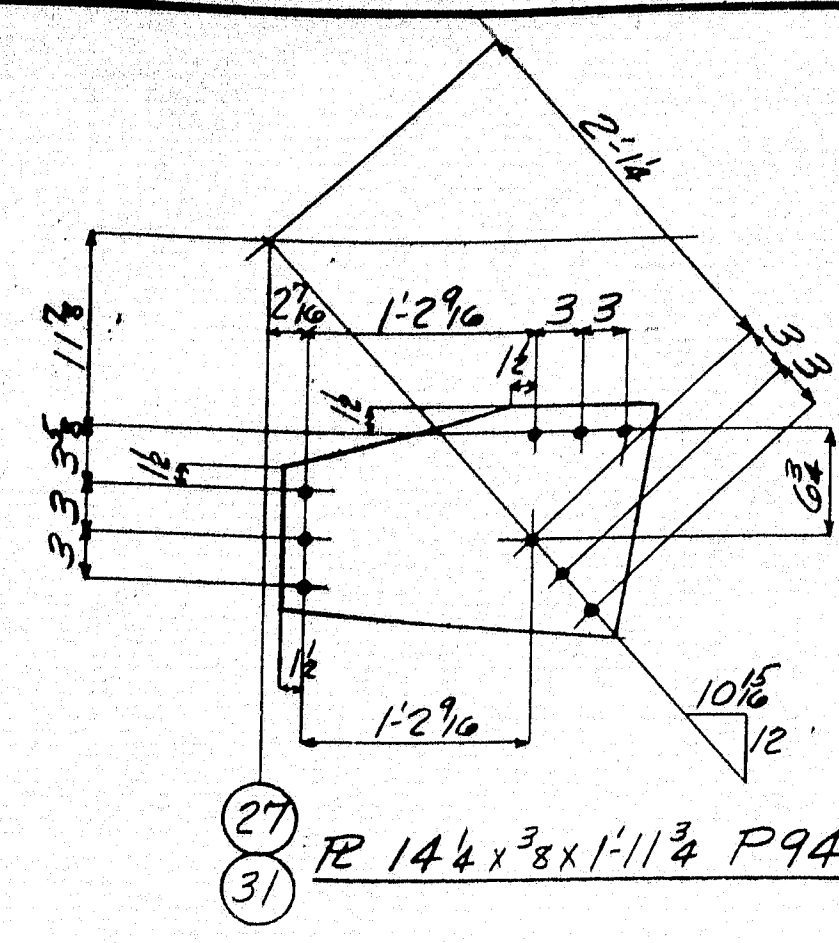
Rivets 78
Holes 15

F	
E	
D	
C	
B	
A	

DRAWINGS MADE AT Elmira, N.Y.
WORK FABRICATED AT Elmira, N.Y.
IN CHARGE OF Hills
DRAW. MADE BY F.H. DATE 11-2-48
DRAW. CHECKED BY H.B.K. DATE 3-4-49

ORDER No. 15761-M
SHEET No. 712

210 211 712 52-193

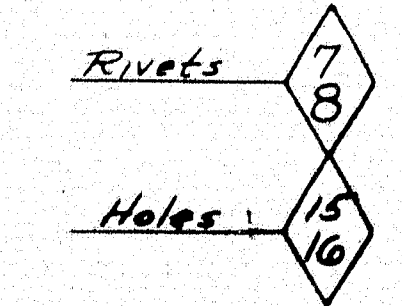


Div.	Item	Material	Quantity	Remarks	Ordered	Calculated
107						
22	1	4 R	44 3/8	P94	7053	7053
22	2	4 R	44 3/8	P95	7053	7053
24	3	6 R	14 3/8	P96	7053	7053
24	4	6 R	14 3/8	P97	7053	7053
1	5	1 R	14 3/8	P100	7053	7053
1	6	1 R	14 3/8	P101	7053	7053
1	7	1 R	14 3/8	P102	7053	7053
1	8	1 R	14 3/8	P103	7053	7053
1	9	1 R	14 3/8	P104	7053	7053
1	10	1 R	14 3/8	P105	7053	7053
1	11	1 R	14 3/8	P106	7053	7053
1	12	1 R	14 3/8	P107	7053	7053
1	13	1 R	14 3/8	P108	7053	7053
1	14	1 R	14 3/8	P109	7053	7053
1	15	1 R	14 3/8	P110	7053	7053
1	16	1 R	14 3/8	P111	7053	7053
1	17	1 R	14 3/8	P112	7053	7053
1	18	1 R	14 3/8	P113	7053	7053
1	19	1 R	14 3/8	P114	7053	7053
1	20	1 R	14 3/8	P115	7053	7053
1	21	1 R	14 3/8	P116	7053	7053
1	22	1 R	14 3/8	P117	7053	7053
1	23	1 R	14 3/8	P118	7053	7053
1	24	1 R	14 3/8	P119	7053	7053
1	25	1 R	14 3/8	P120	7053	7053
1	26	1 R	14 3/8	P121	7053	7053
1	27	1 R	14 3/8	P122	7053	7053
1	28	1 R	14 3/8	P123	7053	7053
1	29	1 R	14 3/8	P124	7053	7053
1	30	1 R	14 3/8	P125	7053	7053
1	31	1 R	14 3/8	P126	7053	7053
1	32	1 R	14 3/8	P127	7053	7053
1	33	1 R	14 3/8	P128	7053	7053
1	34	1 R	14 3/8	P129	7053	7053
1	35	1 R	14 3/8	P130	7053	7053
1	36	1 R	14 3/8	P131	7053	7053
1	37	1 R	14 3/8	P132	7053	7053
1	38	1 R	14 3/8	P133	7053	7053
1	39	1 R	14 3/8	P134	7053	7053
1	40	1 R	14 3/8	P135	7053	7053
1	41	1 R	14 3/8	P136	7053	7053
1	42	1 R	14 3/8	P137	7053	7053
1	43	1 R	14 3/8	P138	7053	7053
1	44	1 R	14 3/8	P139	7053	7053
1	45	1 R	14 3/8	P140	7053	7053
1	46	1 R	14 3/8	P141	7053	7053
1	47	1 R	14 3/8	P142	7053	7053
1	48	1 R	14 3/8	P143	7053	7053
1	49	1 R	14 3/8	P144	7053	7053
1	50	1 R	14 3/8	P145	7053	7053
1	51	1 R	14 3/8	P146	7053	7053
1	52	1 R	14 3/8	P147	7053	7053
1	53	1 R	14 3/8	P148	7053	7053
1	54	1 R	14 3/8	P149	7053	7053
1	55	1 R	14 3/8	P150	7053	7053
1	56	1 R	14 3/8	P151	7053	7053
1	57	1 R	14 3/8	P152	7053	7053
1	58	1 R	14 3/8	P153	7053	7053
1	59	1 R	14 3/8	P154	7053	7053
1	60	1 R	14 3/8	P155	7053	7053
1	61	1 R	14 3/8	P156	7053	7053
1	62	1 R	14 3/8	P157	7053	7053
1	63	1 R	14 3/8	P158	7053	7053
1	64	1 R	14 3/8	P159	7053	7053
1	65	1 R	14 3/8	P160	7053	7053
1	66	1 R	14 3/8	P161	7053	7053
1	67	1 R	14 3/8	P162	7053	7053
1	68	1 R	14 3/8	P163	7053	7053
1	69	1 R	14 3/8	P164	7053	7053
1	70	1 R	14 3/8	P165	7053	7053
1	71	1 R	14 3/8	P166	7053	7053
1	72	1 R	14 3/8	P167	7053	7053
1	73	1 R	14 3/8	P168	7053	7053
1	74	1 R	14 3/8	P169	7053	7053
1	75	1 R	14 3/8	P170	7053	7053
1	76	1 R	14 3/8	P171	7053	7053
1	77	1 R	14 3/8	P172	7053	7053
1	78	1 R	14 3/8	P173	7053	7053
1	79	1 R	14 3/8	P174	7053	7053
1	80	1 R	14 3/8	P175	7053	7053
1	81	1 R	14 3/8	P176	7053	7053
1	82	1 R	14 3/8	P177	7053	7053
1	83	1 R	14 3/8	P178	7053	7053
1	84	1 R	14 3/8	P179	7053	7053
1	85	1 R	14 3/8	P180	7053	7053
1	86	1 R	14 3/8	P181	7053	7053
1	87	1 R	14 3/8	P182	7053	7053
1	88	1 R	14 3/8	P183	7053	7053
1	89	1 R	14 3/8	P184	7053	7053
1	90	1 R	14 3/8	P185	7053	7053
1	91	1 R	14 3/8	P186	7053	7053
1	92	1 R	14 3/8	P187	7053	7053
1	93	1 R	14 3/8	P188	7053	7053
1	94	1 R	14 3/8	P189	7053	7053
1	95	1 R	14 3/8	P190	7053	7053
1	96	1 R	14 3/8	P191	7053	7053
1	97	1 R	14 3/8	P192	7053	7053
1	98	1 R	14 3/8	P193	7053	7053
1	99	1 R	14 3/8	P194	7053	7053
1	100	1 R	14 3/8	P195	7053	7053

Misc. R

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 2

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION

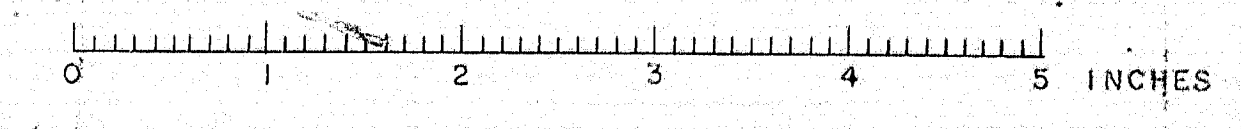


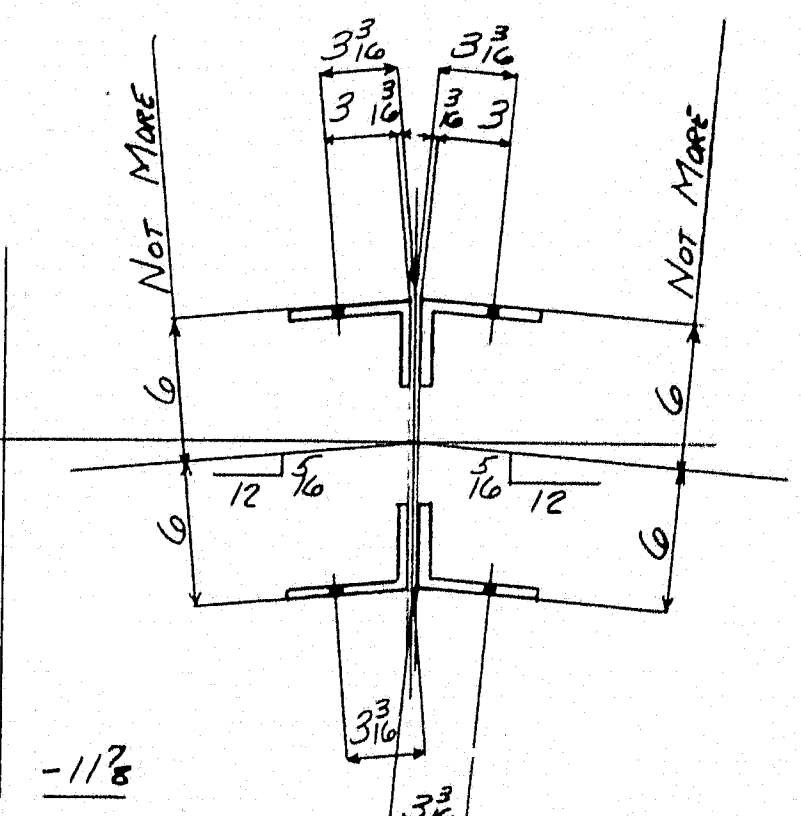
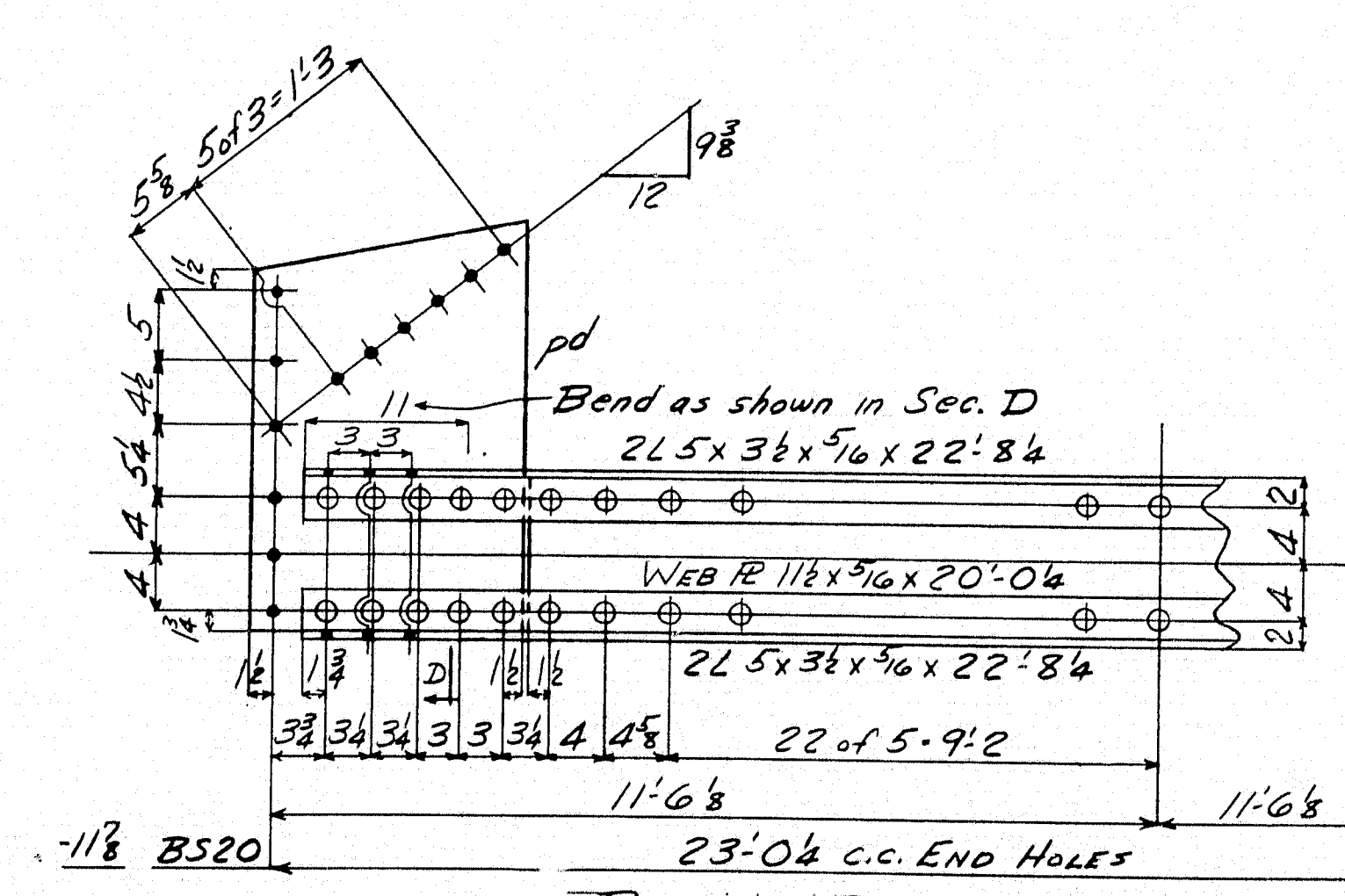
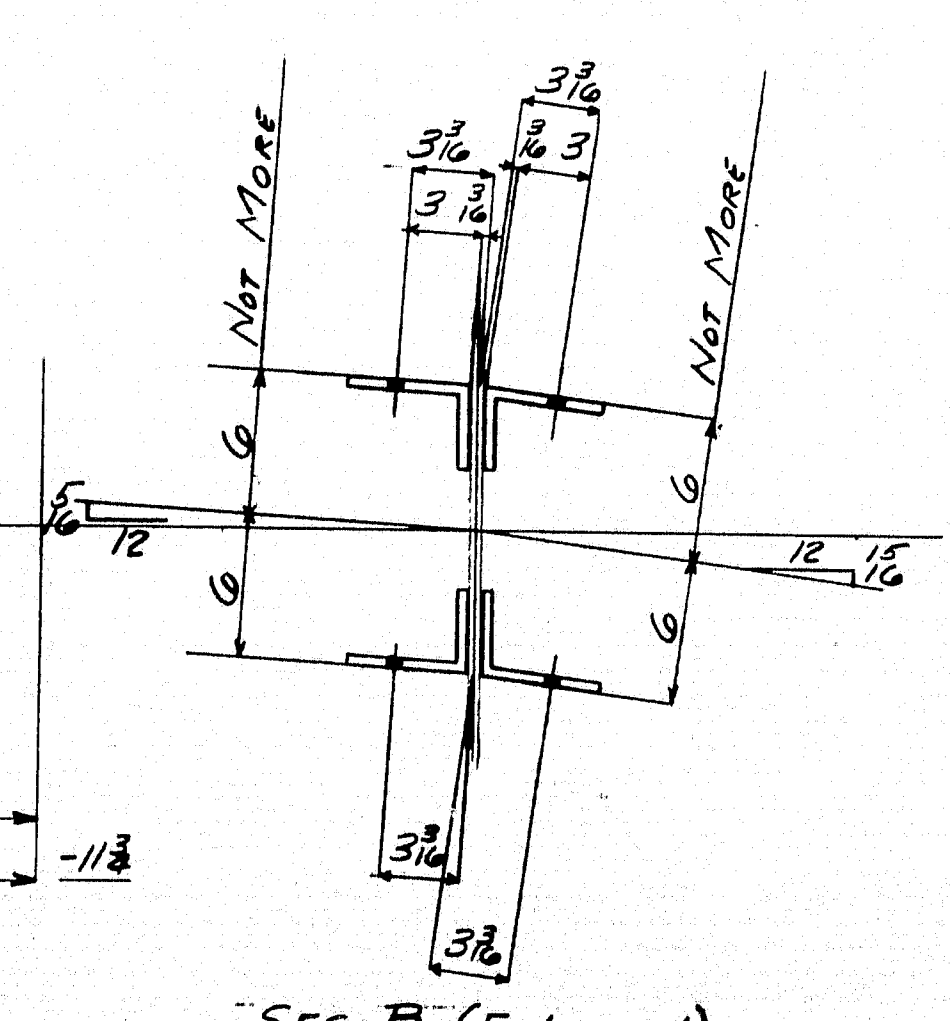
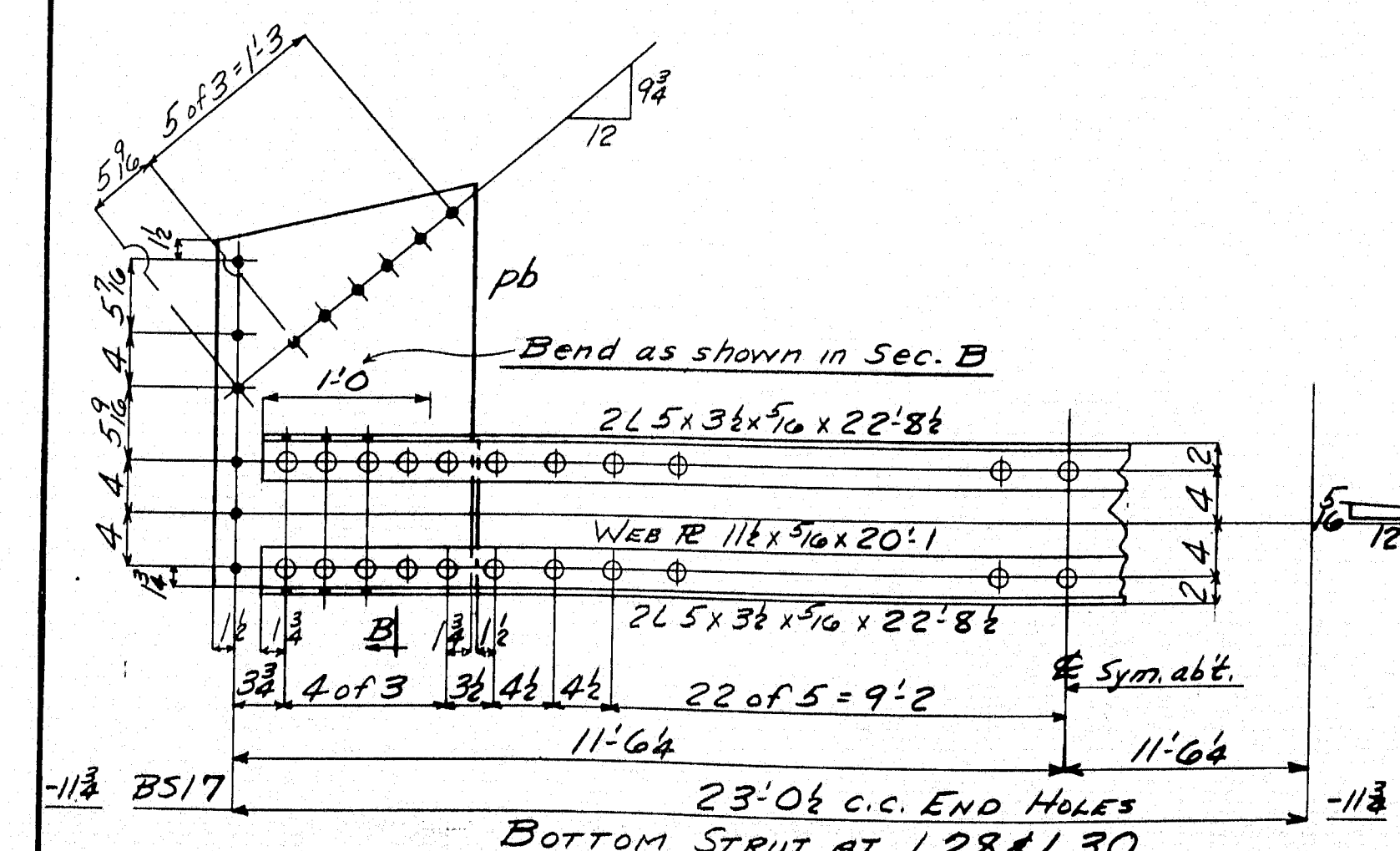
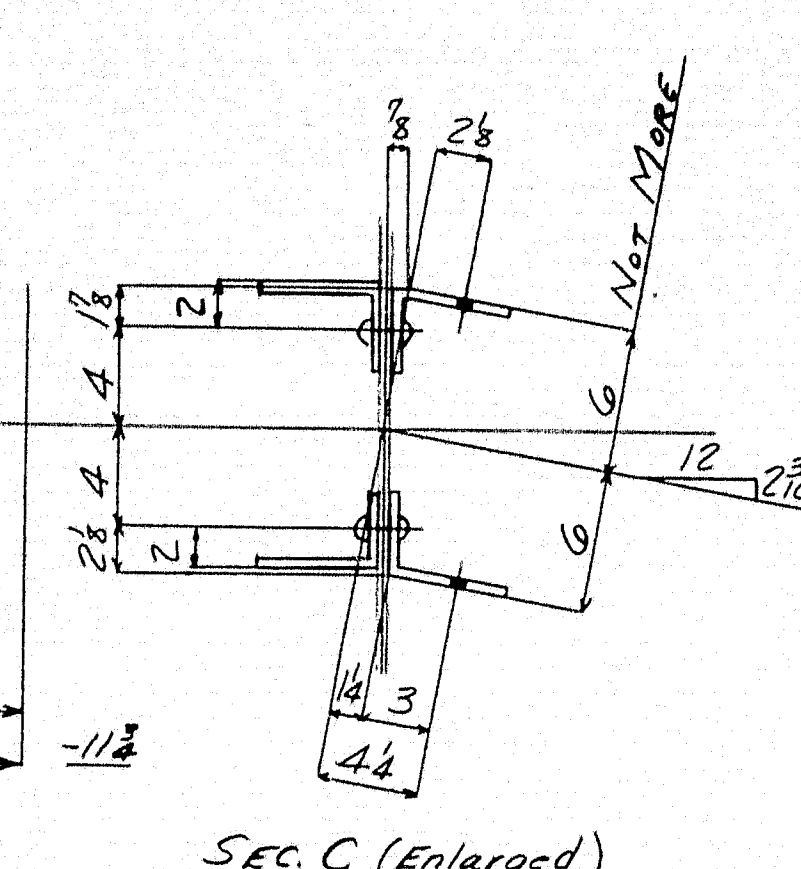
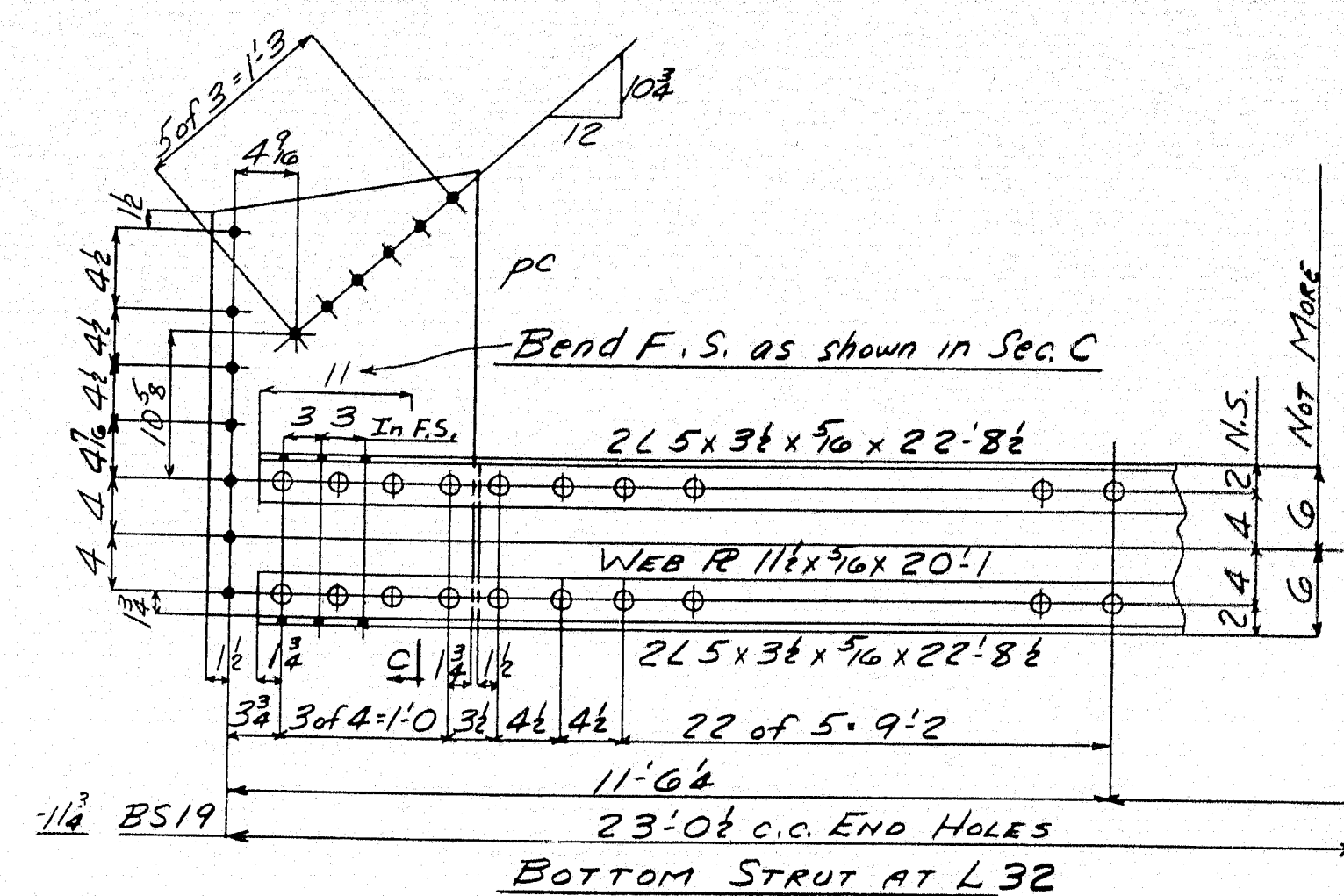
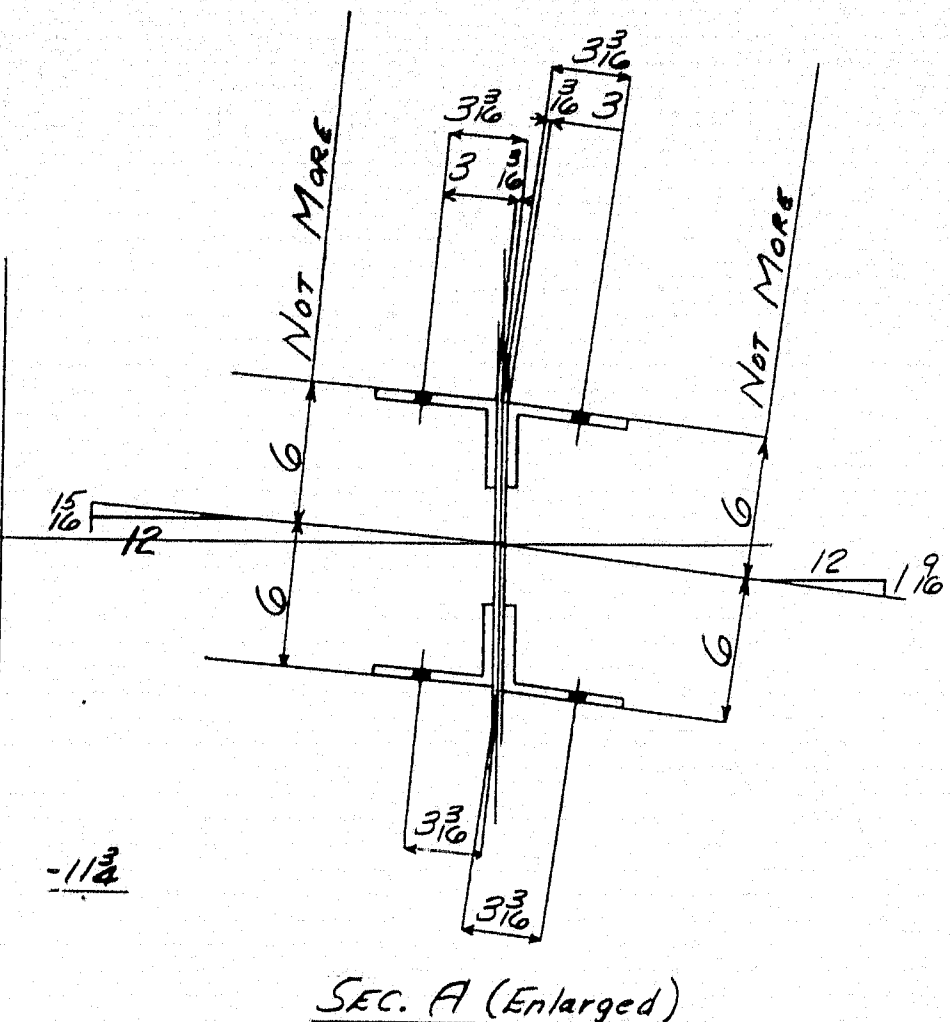
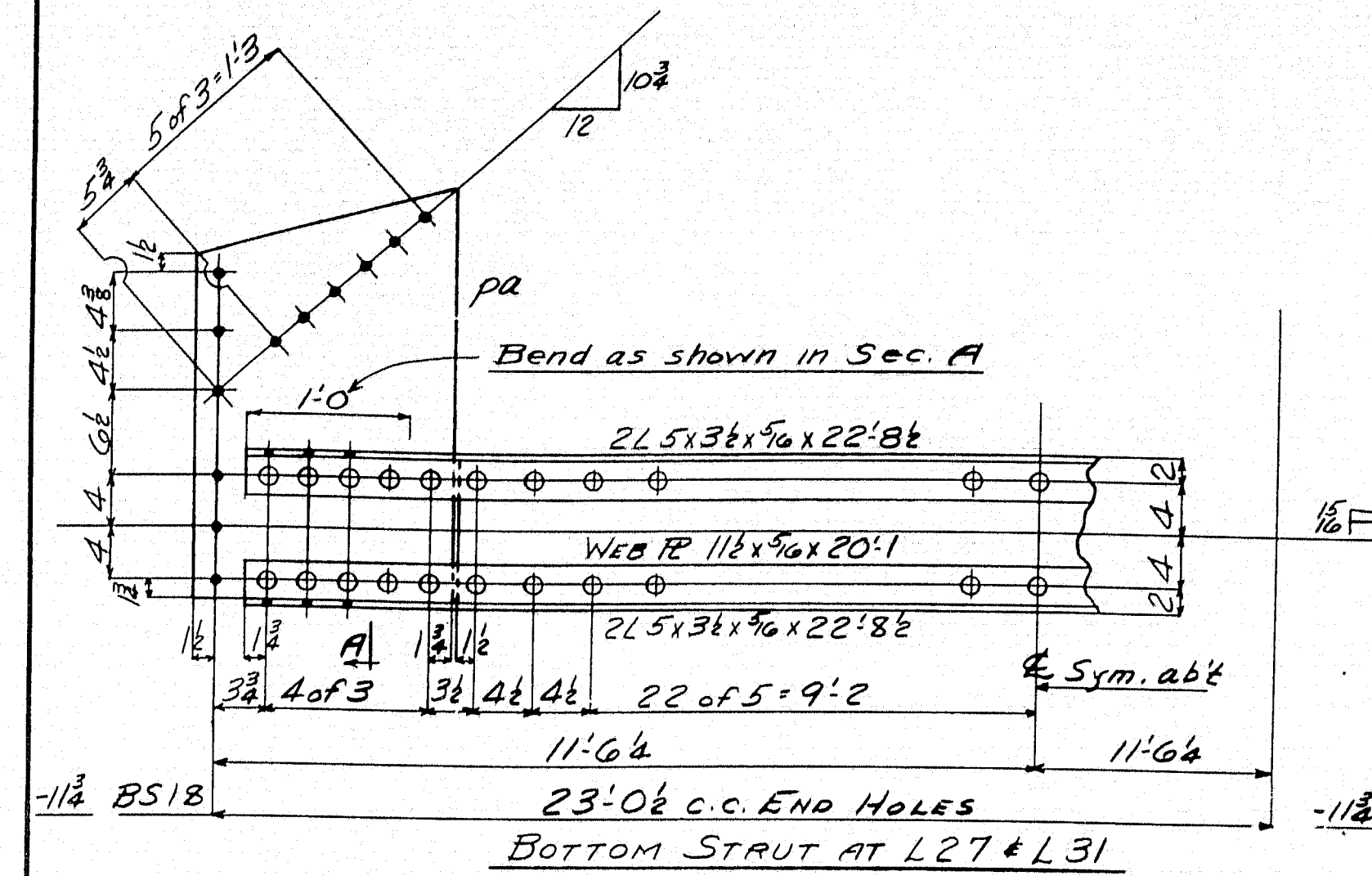
PAINT: Yes
SHOP CONTACT SURFACES: No

REVISIONS
1
2
3
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10

DRAWINGS MADE AT Am. Br. PLANT
WORK FABRICATED AT Elmira PLANT
IN CHARGE OF Hills Est. 257
DRAW. MADE BY TH DATE 11-2-48
DRAW. CHECKED BY HOK DATE 3-9-49
ORDER No. J5761-M SHEET No. 713

52 - 194





DIV.	LINE	QTY.	SHAPE	SIZE	LENGTH	ASSEMBLY	REMARKS	ORDERED	ITEM	CALCULATED
107	1	2	Bottom Struts	B517						
	2	8	L 5	3 1/2	22' 8 1/2			22' 8 1/2	7109	
	3	2	R	11 1/2	20' 1			20' 1	7082	
	4	2	R	19	2	pa			S	
	7	2	Bottom Struts	B518						
	8	8	L 5	3 1/2	22' 8 1/2			22' 8 1/2	7109	
	9	2	R	11 1/2	20' 1			20' 1	7082	
	10	2	R	19	2	pa			S	
	13	1	Bottom Strut	B519						
	14	4	L 5	3 1/2	22' 8 1/2			22' 8 1/2	7109	
	15	1	R	11 1/2	20' 0 1/4			20' 0 1/4	7083	
	16	2	R	19 1/2	2	pd			S	
	19	1	Bottom Strut	B520						
	20	4	L 5	3 1/2	22' 8 1/2			22' 8 1/2	7109	
	21	1	R	11 1/2	20' 0 1/4			20' 0 1/4	7083	
	22	2	R	19 1/2	2	pd			S	

BOTTOM STRUTS L26-L29 INCL

State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5186 Project F1, U1-389 2

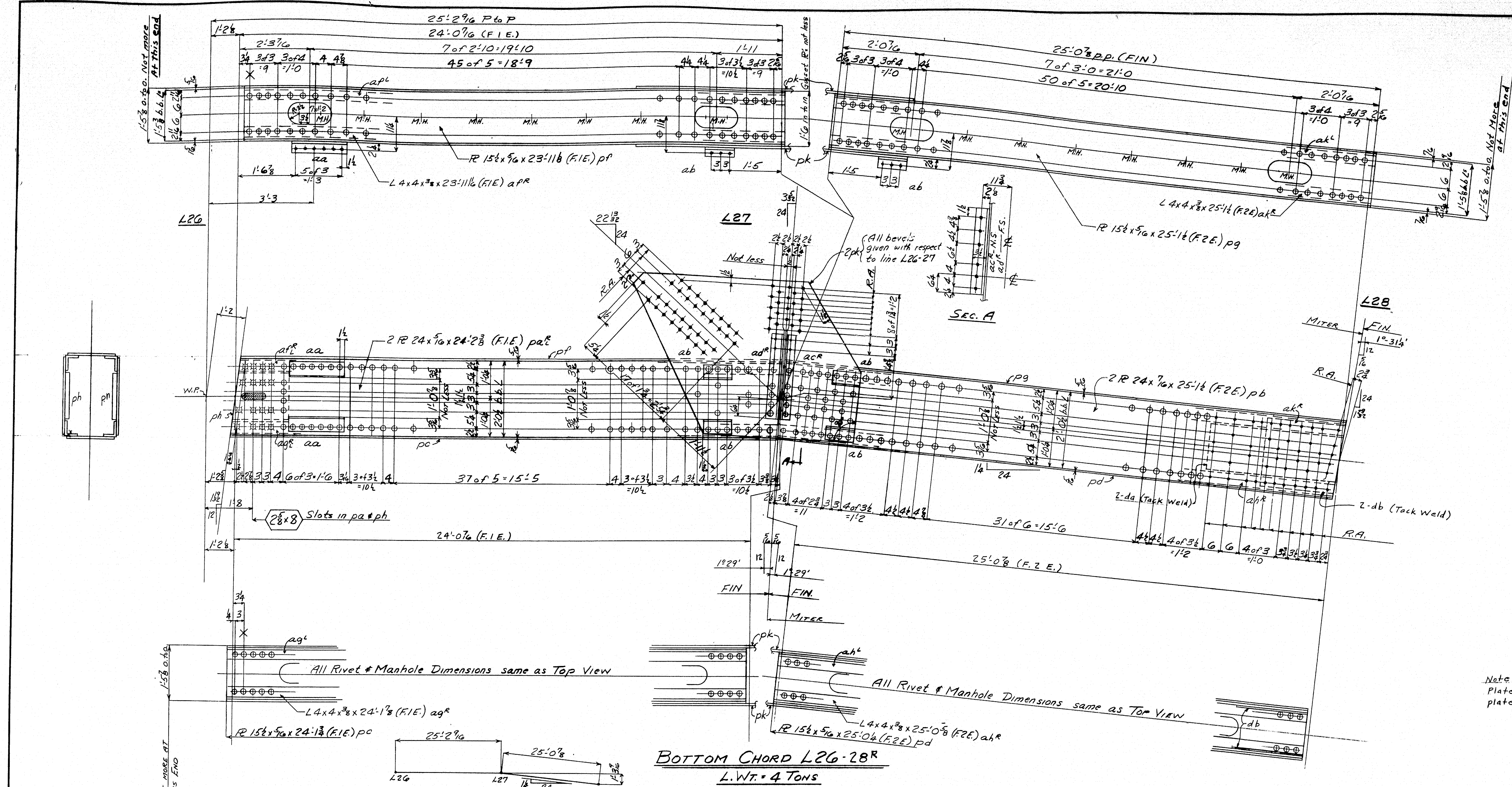
AMERICAN BRIDGE COMPANY

Rivets 17/8
Holes 15/16

PAINT: YES
SHOP CONTACT SURFACES: No

REVISIONS

ORDER NO. J5761-M
SHEET NO. 714



BOTTOM CHORD L26-28R
L.W.T. = 4 TONS

MATERIAL				MATERIAL				MATERIAL				MATERIAL			
LINE	SHAPE	LENGTH	REMARKS	LINE	SHAPE	LENGTH	REMARKS	LINE	SHAPE	LENGTH	REMARKS	LINE	SHAPE	LENGTH	REMARKS
1	One Bottom Chord	L26-28R		16	L 5 3/8	1 6	aa	31	L 5 3/8	1 6	aa	31	L 5 3/8	1 6	aa
2	One Bottom Chord	L26-28R		17	L 5 3/8	1 6	ab	32	L 5 3/8	1 6	ab	32	L 5 3/8	1 6	ab
3				18	L 4 3/4	2 3 1/2	ac	33	L 4 3/4	2 3 1/2	ac	33	L 4 3/4	2 3 1/2	ac
4				19	L 4 3/4	2 3 1/2	ad	34	L 4 3/4	2 3 1/2	ad	34	L 4 3/4	2 3 1/2	ad
5	L 4 4 3/8	23 11/16	af (F.I.E.)	20	L 4 4 3/8	23 11/16	ah	35	L 4 4 3/8	23 11/16	ai	36	L 4 4 3/8	23 11/16	aj
6	L 4 4 3/8	24 1 1/8	ag (F.I.E.)	21	L 4 4 3/8	24 1 1/8	ak	37	L 4 4 3/8	24 1 1/8	al	38	L 4 4 3/8	24 1 1/8	am
7	L 4 4 3/8	24 2 3/8	pa (F.I.E.)	22	L 4 4 3/8	24 2 3/8	ap	39	L 4 4 3/8	24 2 3/8	ar	40	L 4 4 3/8	24 2 3/8	as
8	L 4 4 3/8	23 11/16	pc (F.I.E.)	23	L 4 4 3/8	23 11/16	aq	41	L 4 4 3/8	23 11/16	at	42	L 4 4 3/8	23 11/16	au
9	L 4 4 3/8	24 1 1/8	pe (F.I.E.)	24	L 4 4 3/8	24 1 1/8	ar	43	L 4 4 3/8	24 1 1/8	av	44	L 4 4 3/8	24 1 1/8	aw
10	L 4 4 3/8	25 1 1/8	ah (F.I.E.)	25	L 4 4 3/8	25 1 1/8	as	45	L 4 4 3/8	25 1 1/8	ax	46	L 4 4 3/8	25 1 1/8	ay
11	L 4 4 3/8	25 0 3/8	ab (F.I.E.)	26	L 4 4 3/8	25 0 3/8	at	47	L 4 4 3/8	25 0 3/8	az	48	L 4 4 3/8	25 0 3/8	ba
12	L 4 4 3/8	25 1 1/8	pb (F.I.E.)	27	L 4 4 3/8	25 1 1/8	au	49	L 4 4 3/8	25 1 1/8	bb	50	L 4 4 3/8	25 1 1/8	bc
13	L 4 4 3/8	25 1 1/8	pg (F.I.E.)	28	L 4 4 3/8	25 1 1/8	av	51	L 4 4 3/8	25 1 1/8	bd	52	L 4 4 3/8	25 1 1/8	be
14	L 4 4 3/8	25 0 3/8	pd (F.I.E.)	29	L 4 4 3/8	25 0 3/8	aw	53	L 4 4 3/8	25 0 3/8	bf	54	L 4 4 3/8	25 0 3/8	bg
15				30				55	L 4 4 3/8	25 0 3/8	bh	56	L 4 4 3/8	25 0 3/8	bi

RIVETS 3/8"
HOLES 1/2"
Reaming: Holes marked RA are to be punched & small and reamed to size with parts assembled or to a metal template.

All flame cutting shall be done with a mechanical guide

PAINT: Yes,
Except field contact surfaces for main truss conn.
One coat lacquer

SHOP CONTACT SURFACES

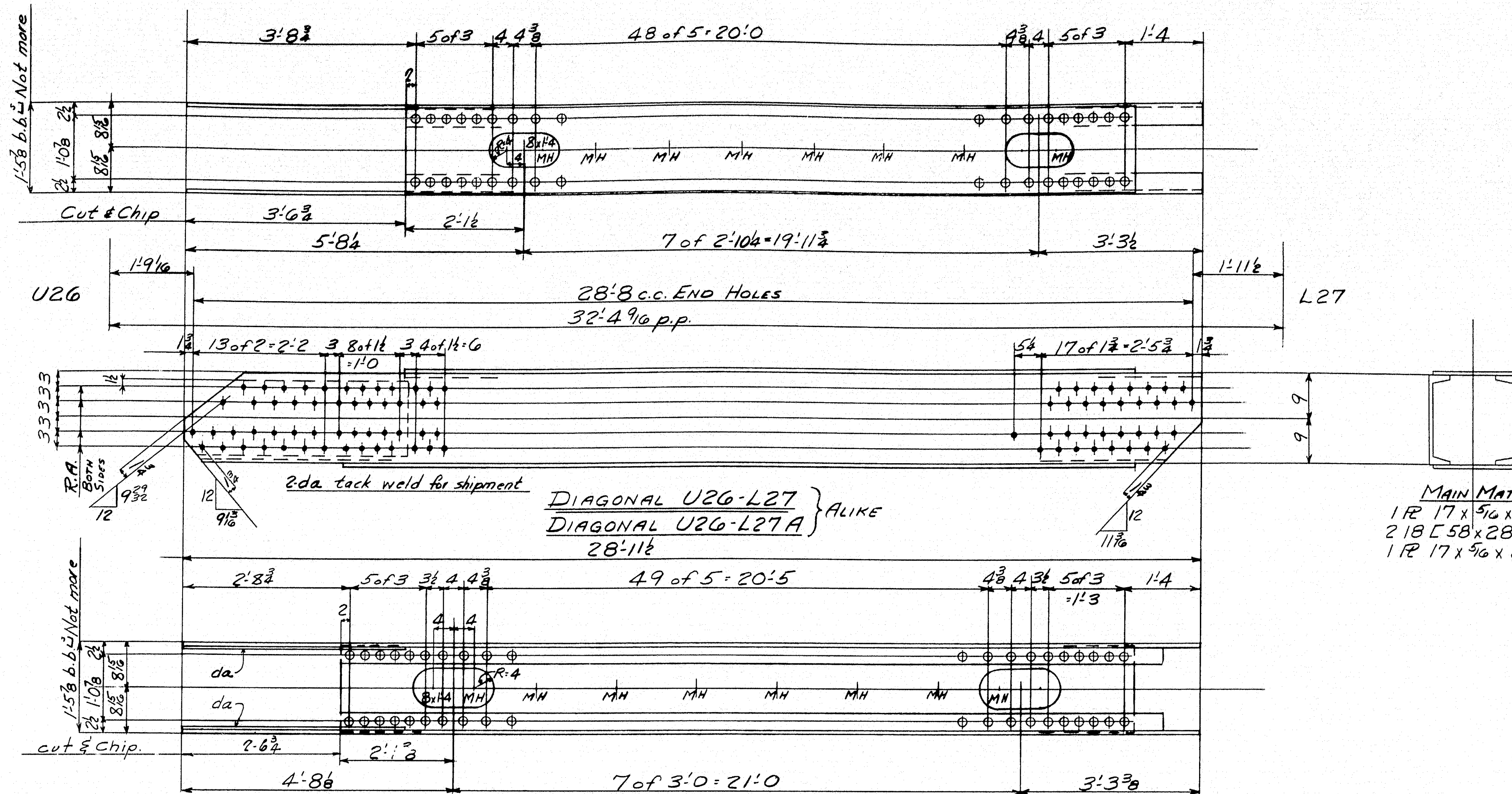
State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 2

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION

DRAWINGS MADE AT *Amb Rm1* PLANT
WORK FABRICATED AT *Elmira* PLANT
IN CHARGE OF *Hills* EXR 257
DRAW. MADE BY *TH* DATE 1-8-49
DRAW. CHECKED BY *WUC* DATE 2-2-49

ORDER No. **J5761-T** SHEET No. **1002**

NO. 1002 52-198



LINE	ITEM	QUANTITY	UNIT	REMARKS	ORDERED	ITEM	WEIGHT	PIECE
1	ONE DIAGONAL U2G-L27							
2	ONE DIAGONAL U2G-L27A							
3								
4	4 18 C 58 28 11 1/2							
5	2 R 17 5/8 24 2 3/4							
6	2 R 17 5/8 25 2 3/4							
7	4 FL 15 1/2 3 8 1/2 da							
8								
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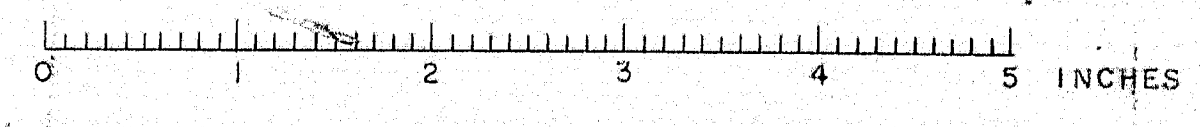
Diagonal U2G-L27

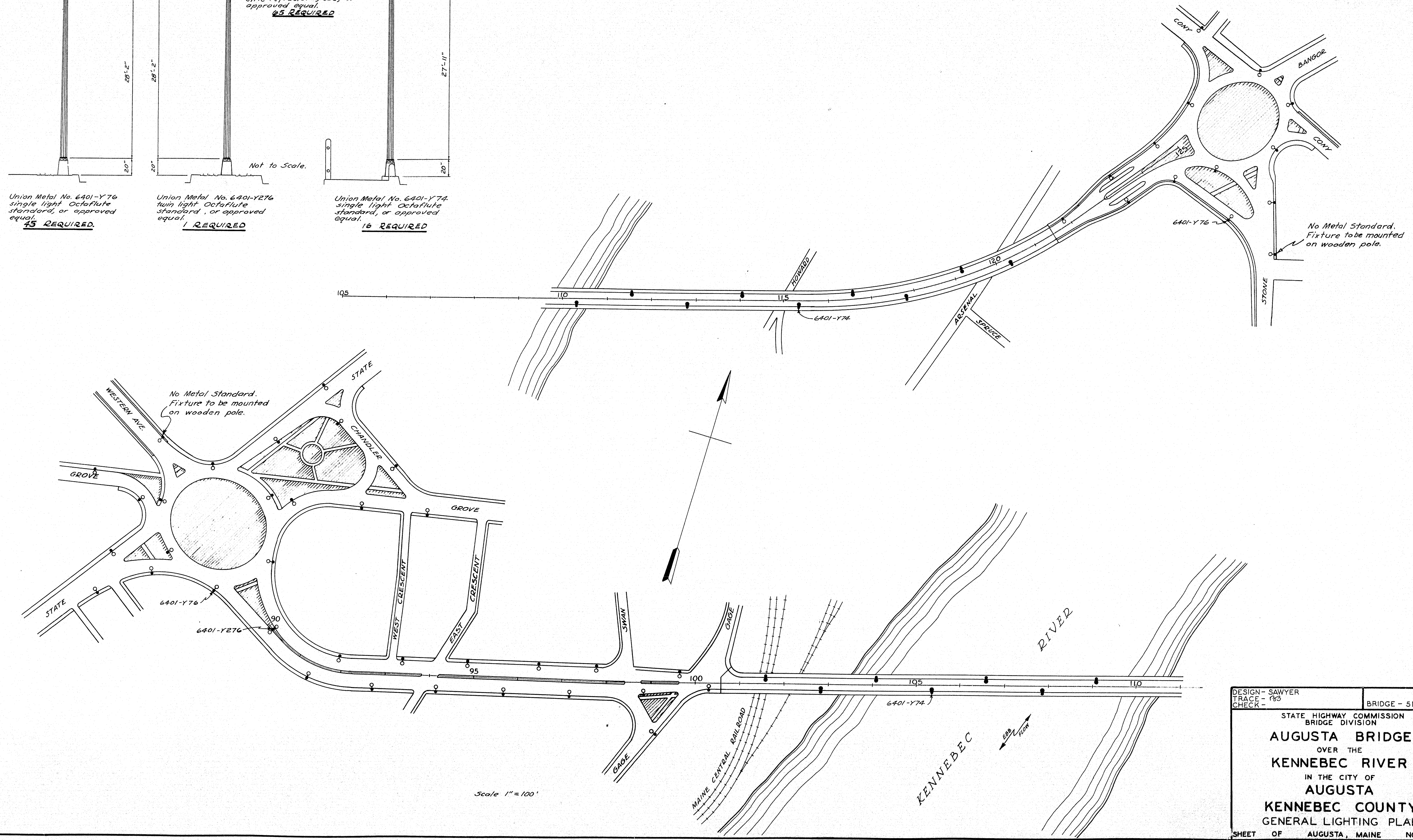
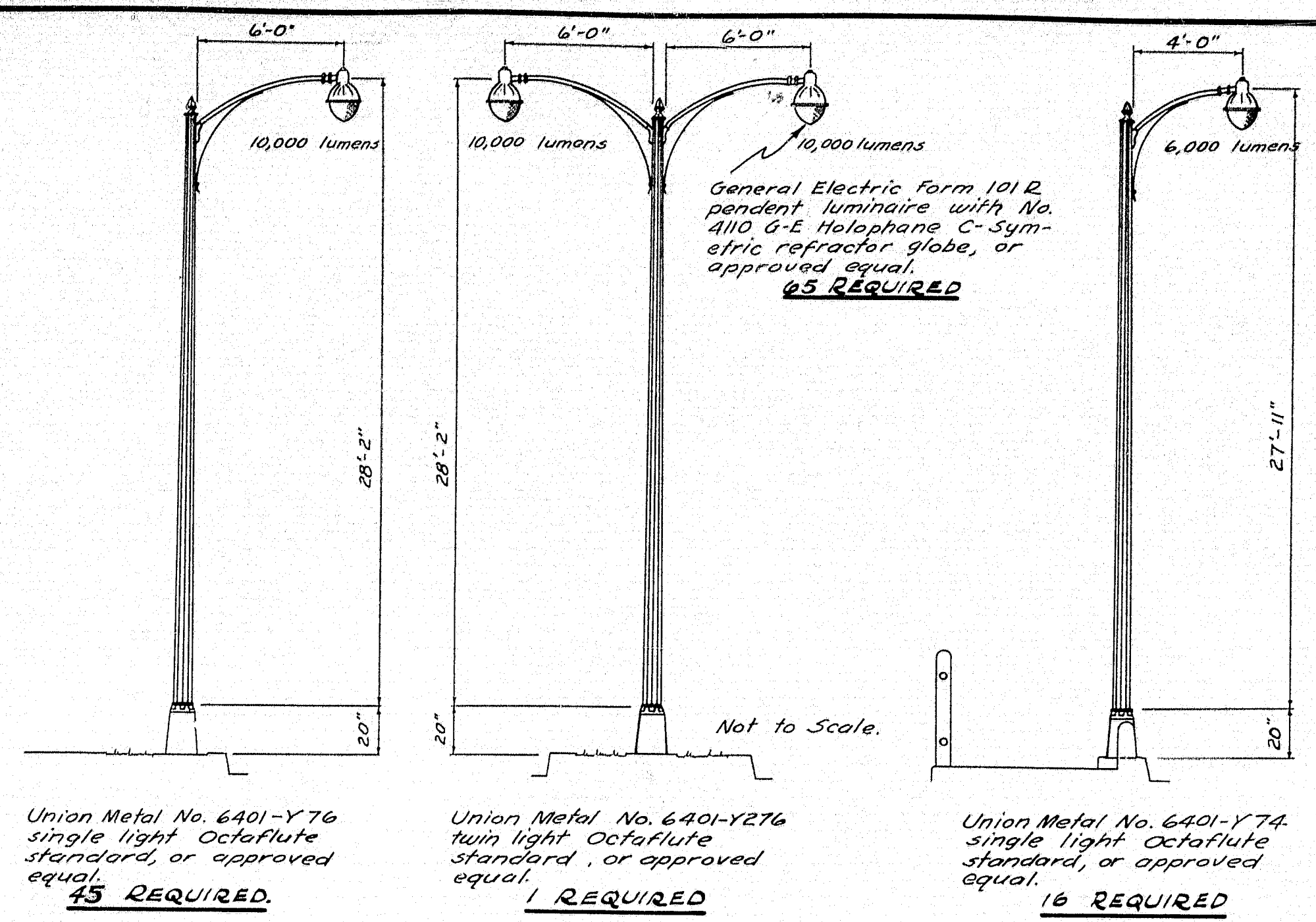
State of Maine
State Highway Commission
Bridge Division
Bridge over Kennebec River
Augusta, Maine
Bridge - 5196 Project F1, U1-389 (2)

AMERICAN BRIDGE COMPANY
UNITED STATES STEEL CORPORATION COMPANY

DRAWINGS MADE AT Amherst PLANT
WORK FABRICATED AT Elmira PLANT
IN CHARGE OF Hills EXT. 357
DRAW. MADE BY TH DATE 1-15-49
DRAW. CHECKED BY WAG DATE 2-3-49
ORDER No. J5761-T SHEET No. 1004

NOTES:
Reaming Holes marked R.A.
are to be punched & small
and reamed to size with
parts assembled or to a
metal template.
All flame cutting to be done
with a mechanical guide.
RIVETS-7B
HOLES-15/16
PAINT { Yes, Except Field contact surfaces
for Main truss connections
One Coat laquer.
SHOP CONTACT SURFACES: No





DESIGN - SAWYER
TRACE - 103
CHECK -

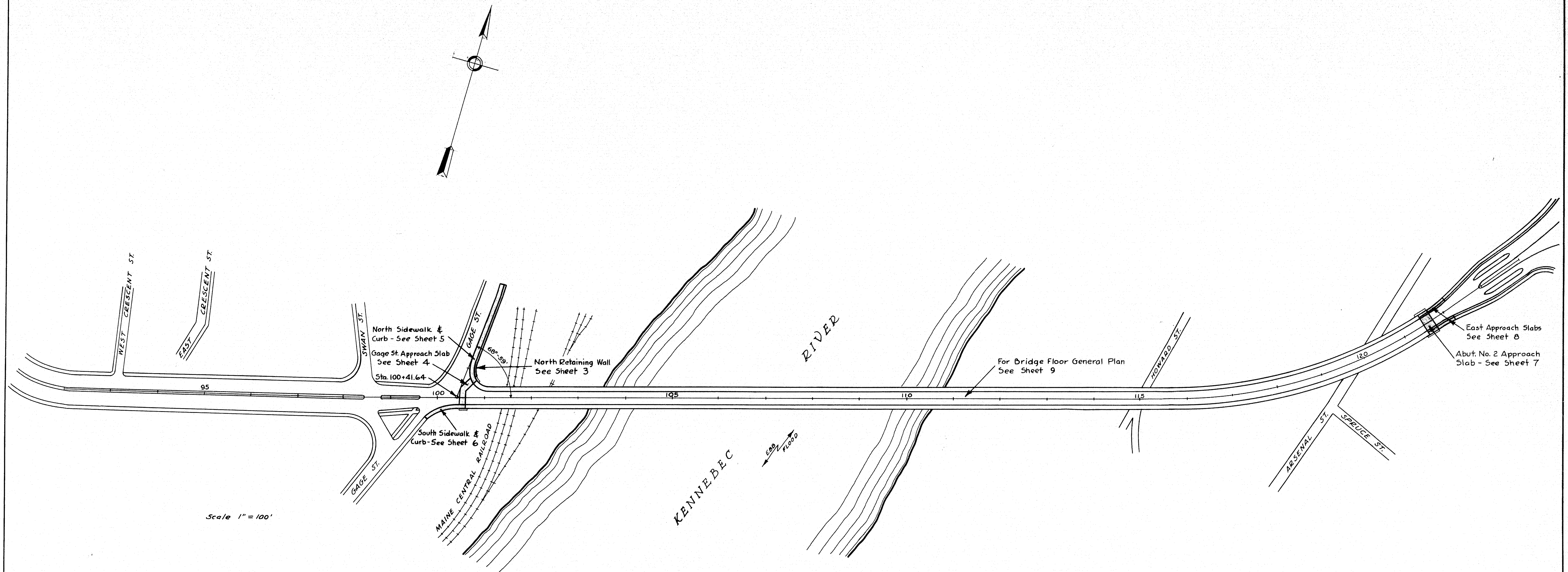
BRIDGE - 5196

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

AUGUSTA BRIDGE
OVER THE
KENNEBEC RIVER
IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
GENERAL LIGHTING PLAN

SHEET OF AUGUSTA, MAINE NOV. 1948

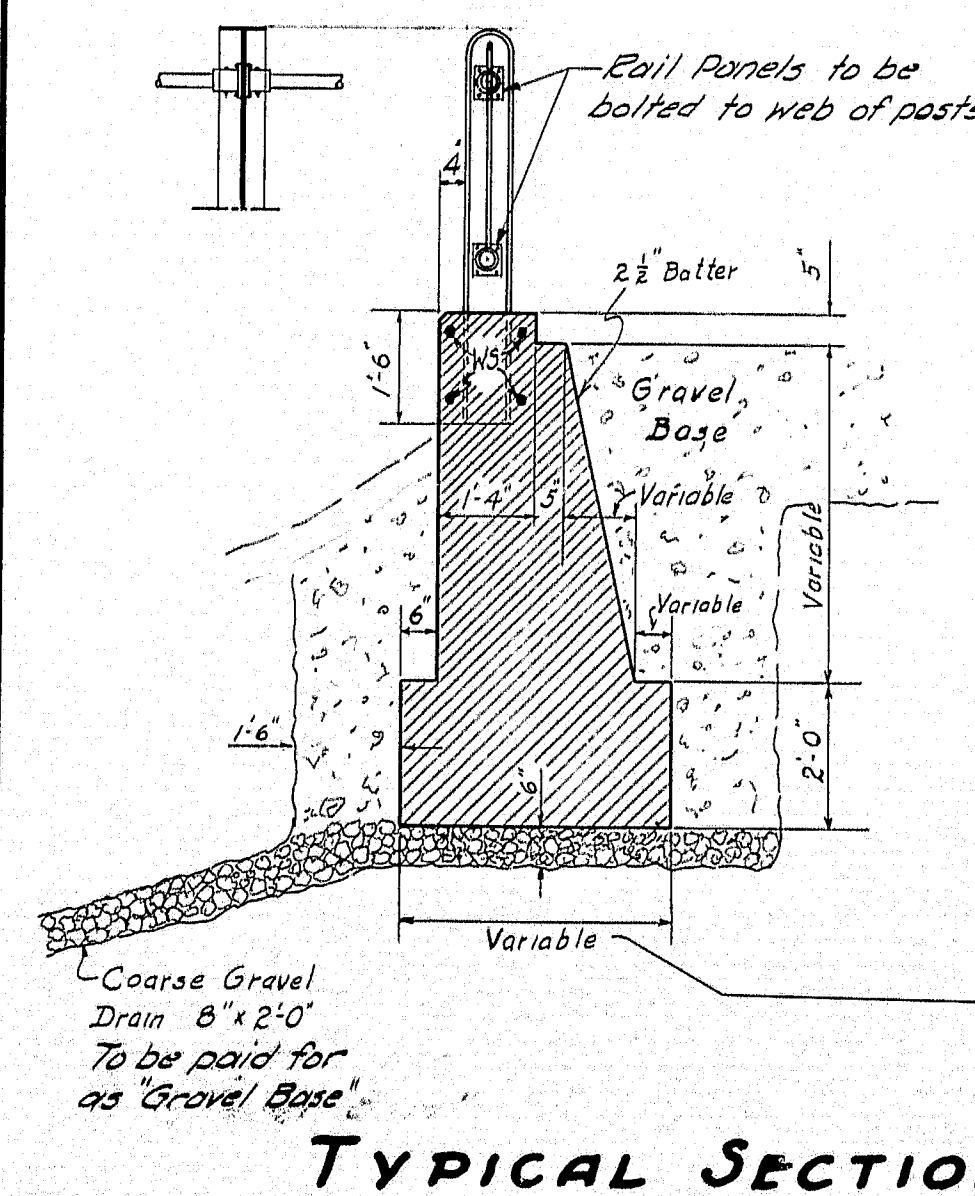
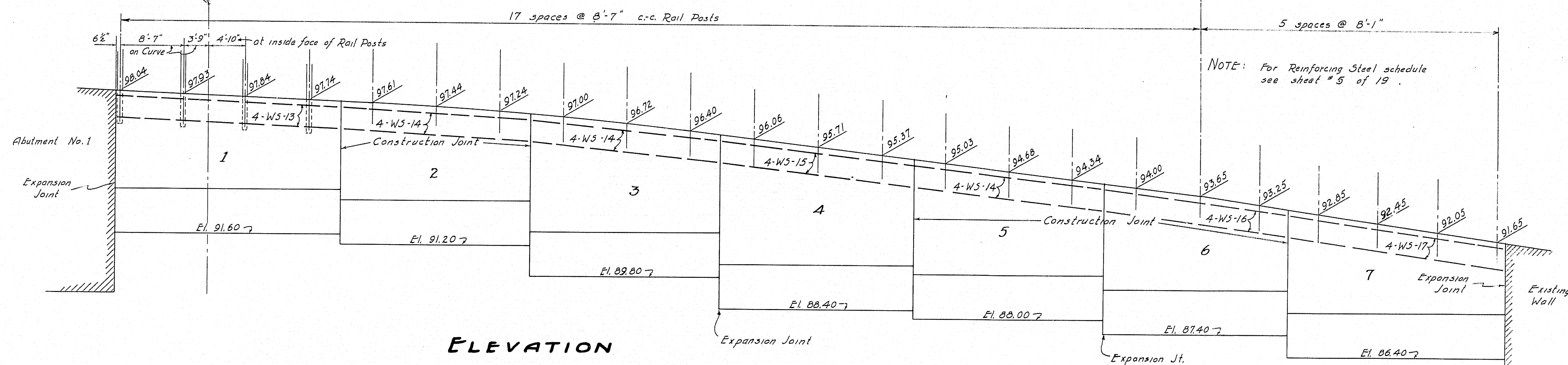
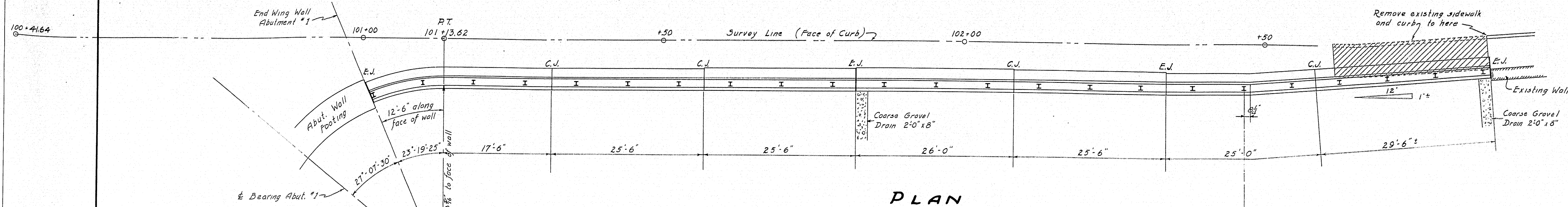
P. R. A. DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	FLUJ-389(2)	2	19



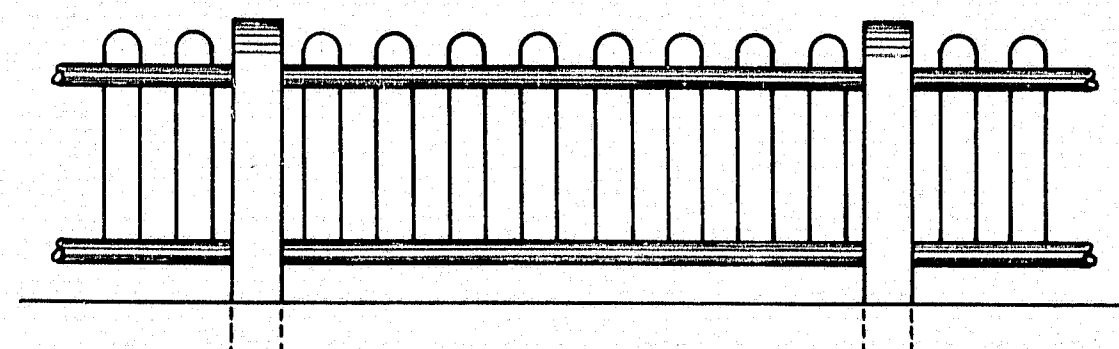
PLAN - BOYD	BRIDGE - 5196
CHECK - <i>LC</i>	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
AUGUSTA BRIDGE	
OVER THE	
KENNEBEC RIVER	
IN THE CITY OF	
AUGUSTA	
KENNEBEC COUNTY	
GENERAL LAYOUT	
SHEET 2 OF 19 AUGUSTA, MAINE APRIL 1949	

52-47

0 1 2 3 4 5 INCHES



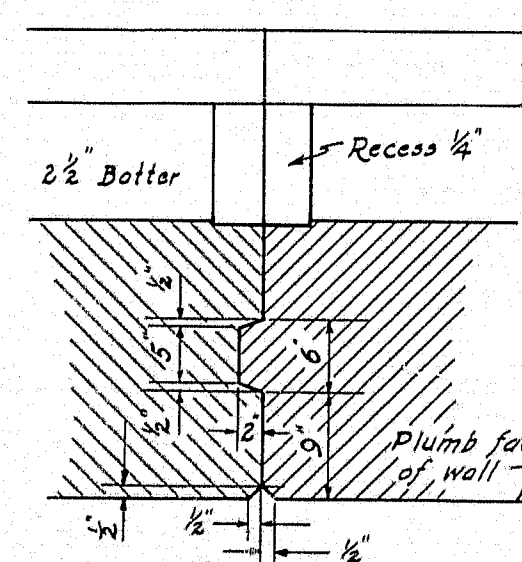
TYPICAL SECTION



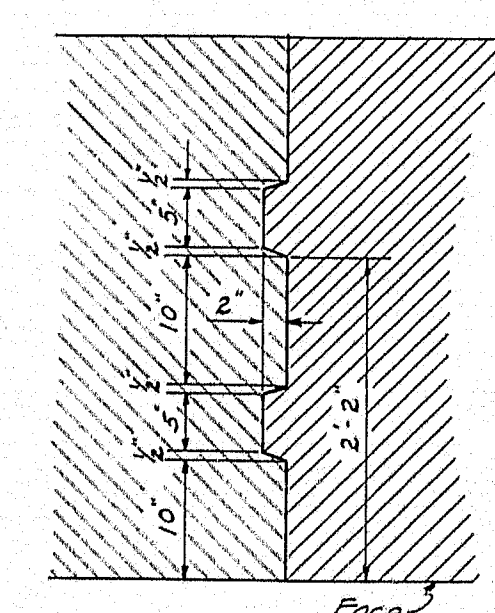
PART RAIL ELEVATION

The rail along the wall consisting of Structural Steel Posts and Wrought Iron Rail Panels will be furnished and delivered by the Contractor for the steel superstructure. It will be erected as part of this contract.

Sect. # of Wall	Footing Width
1	3'-7"
2	3'-7"
3	3'-9 1/2"
4	3'-10 1/2"
5	3'-9"
6	3'-7 1/2"
7	3'-7 1/2"



WALL DETAIL



FOOTING DETAIL

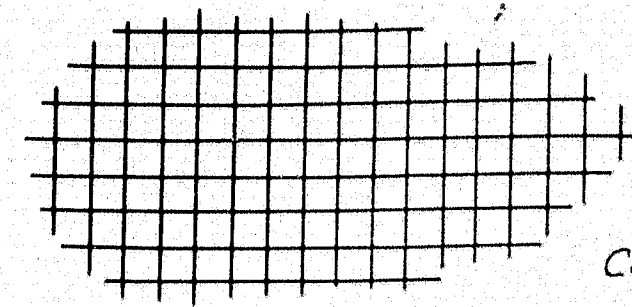
Both Details at Const. Joints

NOTE: Expansion Joints same except for addition of 1/2" Expansion Joint Filler. Key to start 9" below top of wall.

NOTE: Construction Joints — The back side of Construction Joints is to be covered with two layers of heavy roofing 10" wide. Coat the concrete and the back side of each layer as applied with a suitable grade of roofing cement. The front side of the joint is to have a 1" V-groove. Break the bond with a coat of suitable grade roofing cement. Recess back of joint 1/4" for roofing. Expansion Joints — Use 1/2" Pre-molded Expansion Joint Filler. Recess back of joint 1/4" and treat same as for construction joint. Make 1" V-groove on front side.

DESIGN - FORTIER TRACE-FORTIER
 DETAIL - " CHECK - Coffin
 BRIDGE - 5196
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
AUGUSTA BRIDGE
 OVER THE
KENNEBEC RIVER
 IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
 NORTH RETAINING WALL DETAILS - GAGE ST.
 SHEET 3 OF 19 AUGUSTA, MAINE JAN. 1949

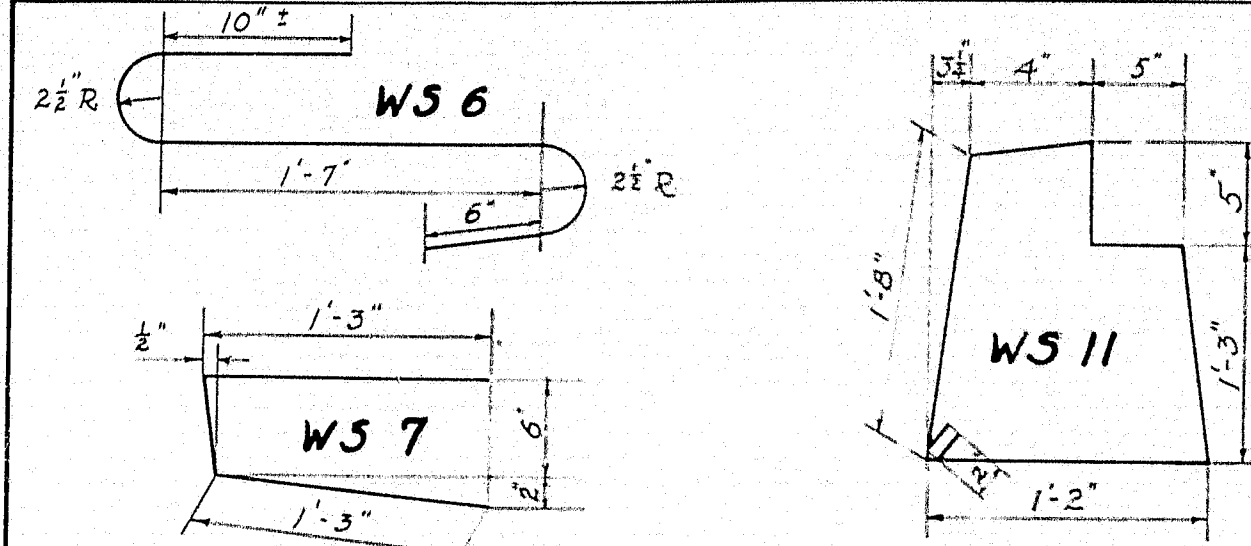
REINF. STEEL for WALL, SIDEWALK & CURB



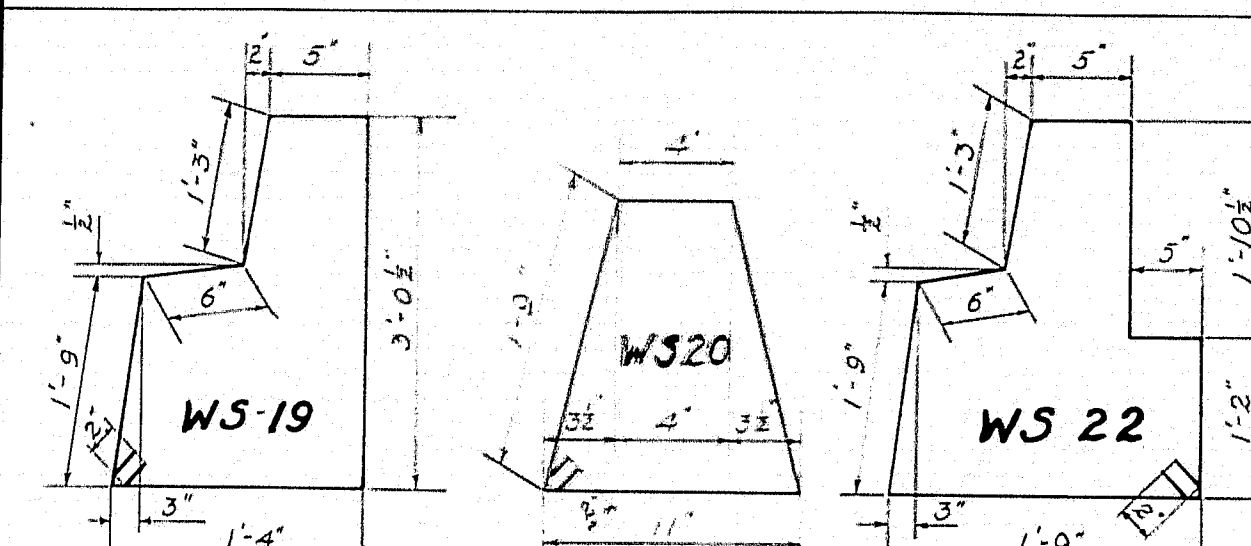
WS-1

Contract Item #71

Mark	Quantity	Size	Location
WS-1	1816	3/8" x 6" gage	Water Wire Mesh Sidewalk Panels "5 thru 25" N & Entire So. Sidewalk



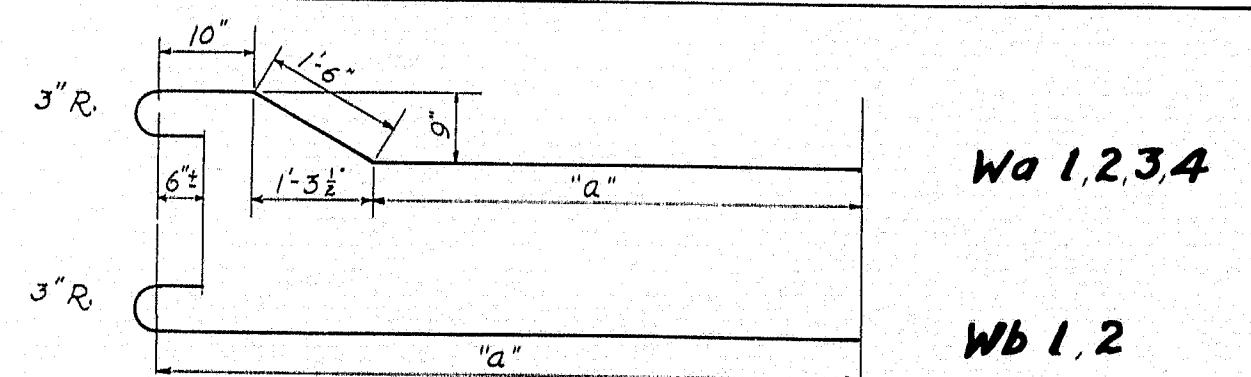
Mark	No.	Size	Total Length	Location
WS-6	17	3/8" x 6"	4'-3"	Double Curb
WS-7	20	3/8" x 6"	3'-0"	Curb
WS-11	121	3/8" x 6"	5'-7"	Curb Sect 5 thru 25



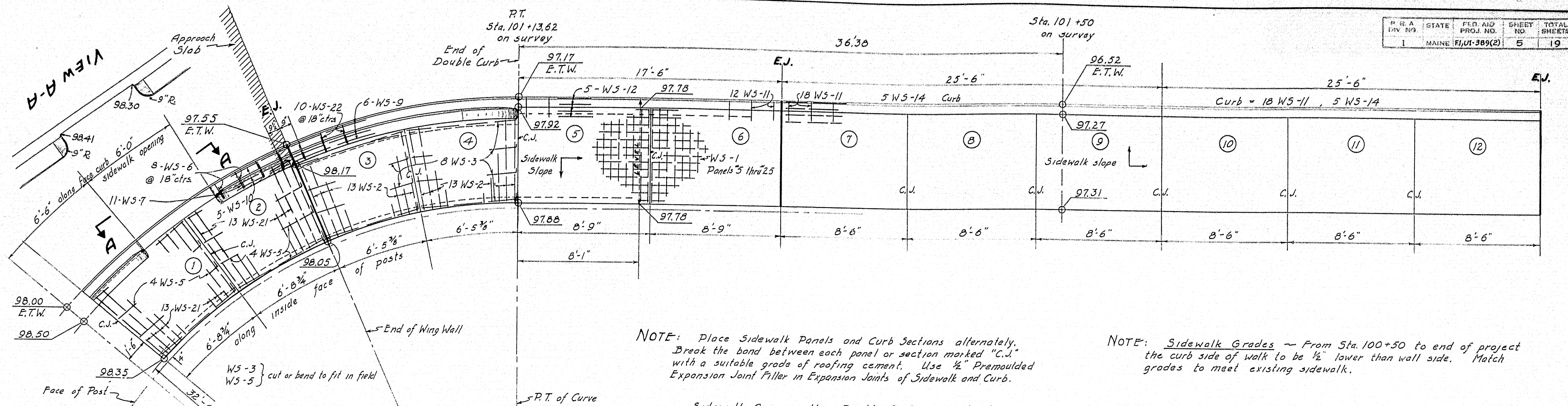
Mark	No.	Size	Total Length	Location
WS-19	30	3/8" x 6"	8'-7 1/2"	Curb Sect. 2 & 3
WS-20	46	3/8" x 6"	5'-1"	Curb Sect. 3, 4 & 5
WS-22	10	3/8" x 6"	9'-5 1/2"	Curb Sect. 3 & 4

STRAIGHT STEEL

Mark	No.	Size	Length	Location
WS-2	26	1/2" x 5"	5'-5"	Sidewalk Panels "3 & 4" Transverse N
WS-3	8	1/2" x 5"	7'-5"	" " "3 & 4" Longitudinal N
WS-5	8	1/2" x 5"	7'-9"	" " "1 & 2" " N
WS-9	6	1/2" x 5"	15'-3"	Curb at Sidewalk Panels "3 & 4" N
WS-10	5	1/2" x 5"	16'-4"	" " "1 & 2" N
WS-12	5	1/2" x 5"	17'-3"	" " "5 & 6" N
WS-13	4	1/2" x 5"	29'-8"	Retaining Wall - Section "1" N
WS-14	27	1/2" x 5"	25'-3"	Ret. Wall and Curb at Wall Sects. "2, 3 & 5" N
WS-15	9	1/2" x 5"	25'-9"	" " "4" N
WS-16	9	1/2" x 5"	24'-9"	" " "6" N
WS-17	9	1/2" x 5"	29'-3"	" " "7" N
WS-18	15	1/2" x 5"	28'-0"	Curb Sect. "2, 3, 4 & 5" S
WS-21	26	1/2" x 5"	6'-0"	S.W. Panels "1 & 2" Trans. N
WS-4	7	1/2" x 5"	13'-0"	Curb Sect. "1" S
WS-8	5	1/2" x 5"	15'-6"	" " "3" S
Wc 1	33	3/8" x 9"	23'-9"	Approach Slab - Abut. "1" - Trans.
Wc 2	24	3/8" x 9"	30'-6"	" " " " " "



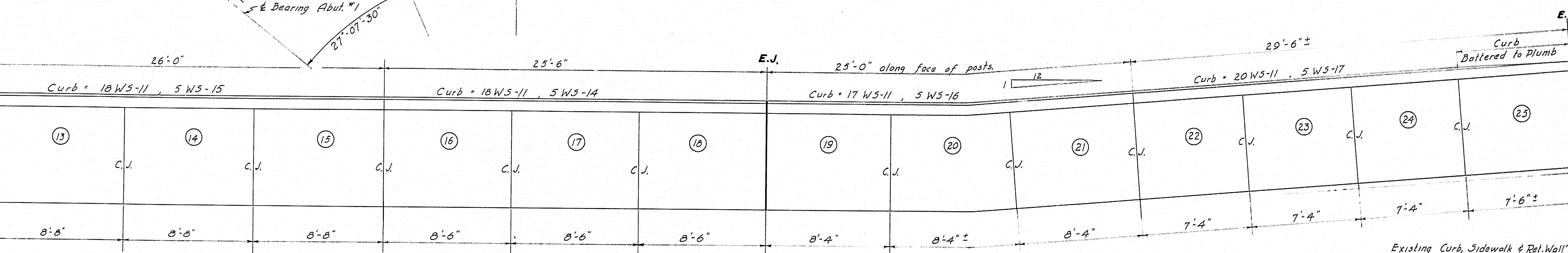
Mark	No.	Size	"a"	Total Length	Location
Wa 1	41	3/8" x 9"	10'-7"	14'-3"	Approach Slab - Abut. "1" Longit.
Wa 2	15	3/8" x 9"	13'-10 1/2"	17'-6"	" " " " " "
Wa 3	10	3/8" x 9"	14'-1 1/2"	17'-9"	" " " " " "
Wa 4	3	3/8" x 9"	14'-4 1/2"	18'-0"	" " " " " "
Wb 1	183	3/8" x 9"	7'-9"	9'-0"	" " " " " "
Wb 2	122	3/8" x 9"	9'-9"	11'-0"	" " " " " "



NOTE: Place Sidewalk Panels and Curb Sections alternately. Break the bond between each panel or section marked "C.J." with a suitable grade of roofing cement. Use 1/2" Premoulded Expansion Joint Filler in Expansion Joints of Sidewalk and Curb.

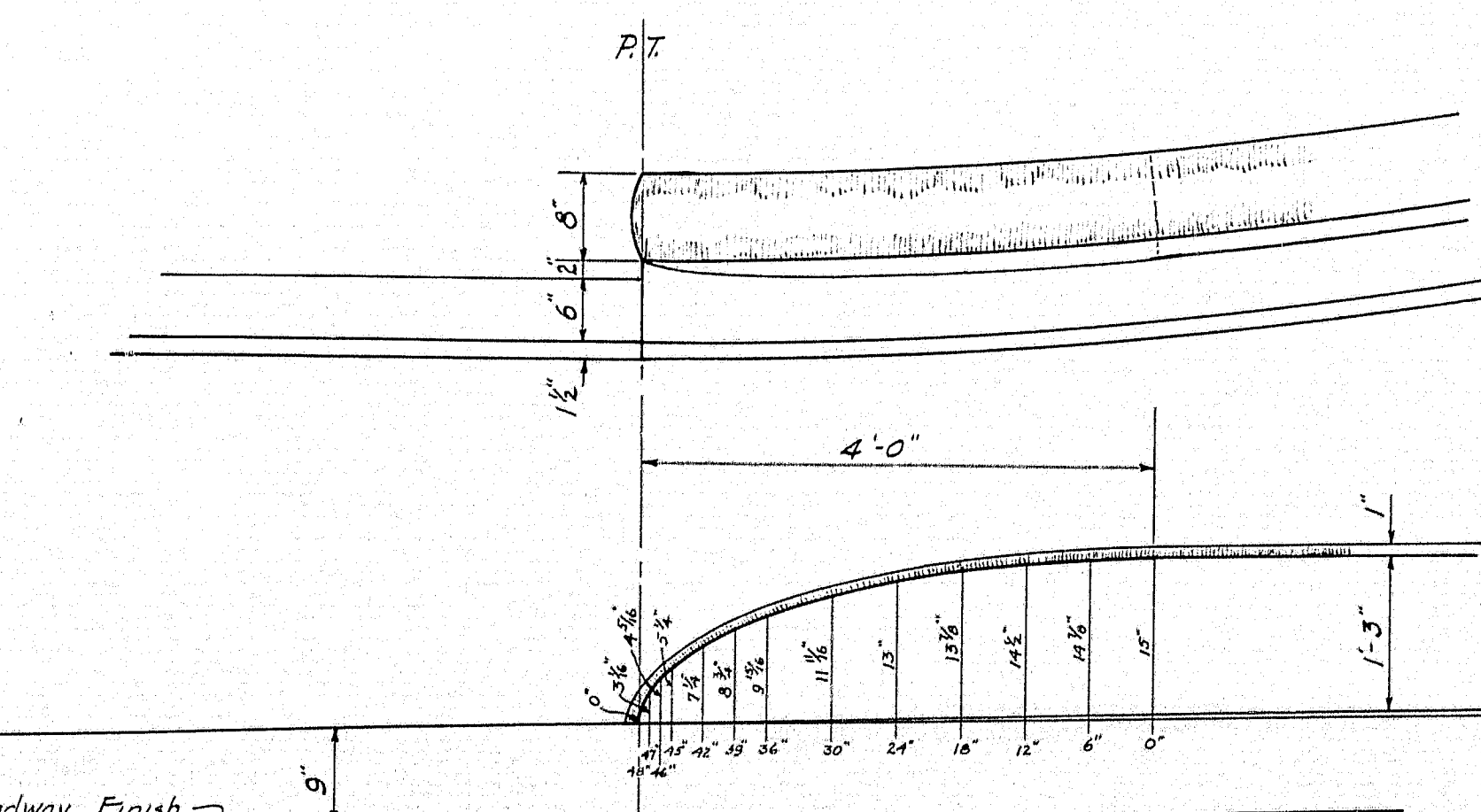
Sidewalk Opening thru Double Curb - Curb steel to be bent, cut or omitted as required to construct sidewalk opening.

NOTE: Sidewalk Grades - From Sta. 100+50 to end of project the curb side of walk to be 1/2" lower than wall side. Match grades to meet existing sidewalk.

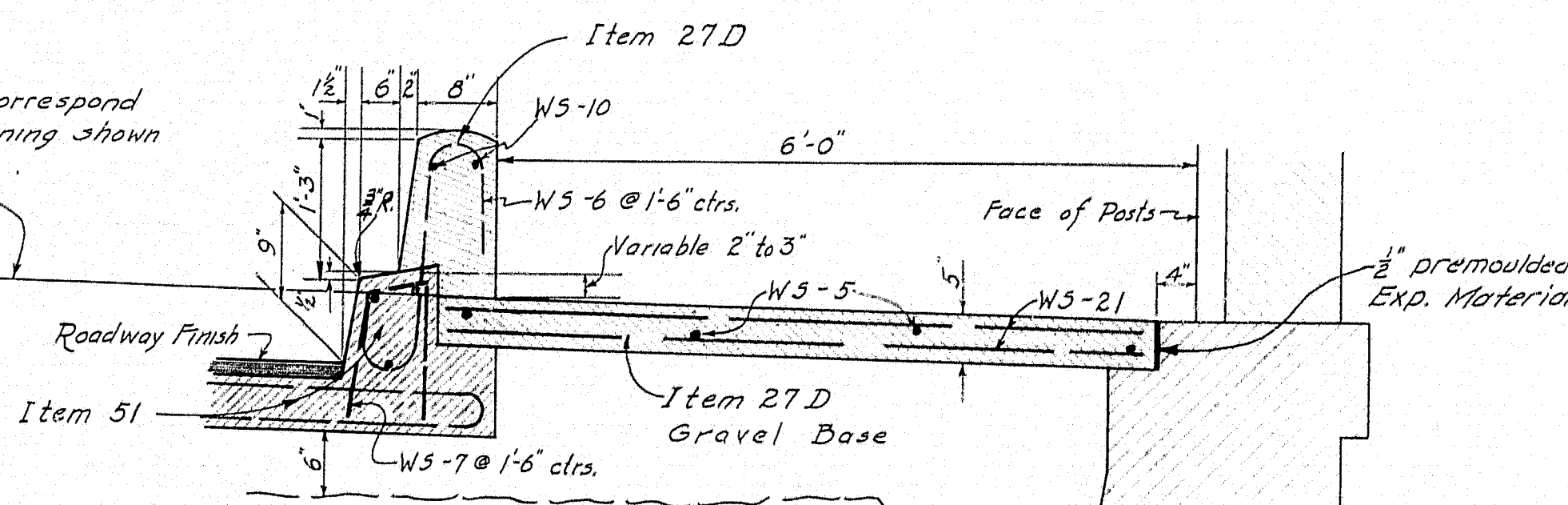


NOTE: Outside Curb opposite S.W. Panel "4" - Warp top of curb to fit sidewalk slope at P.T.

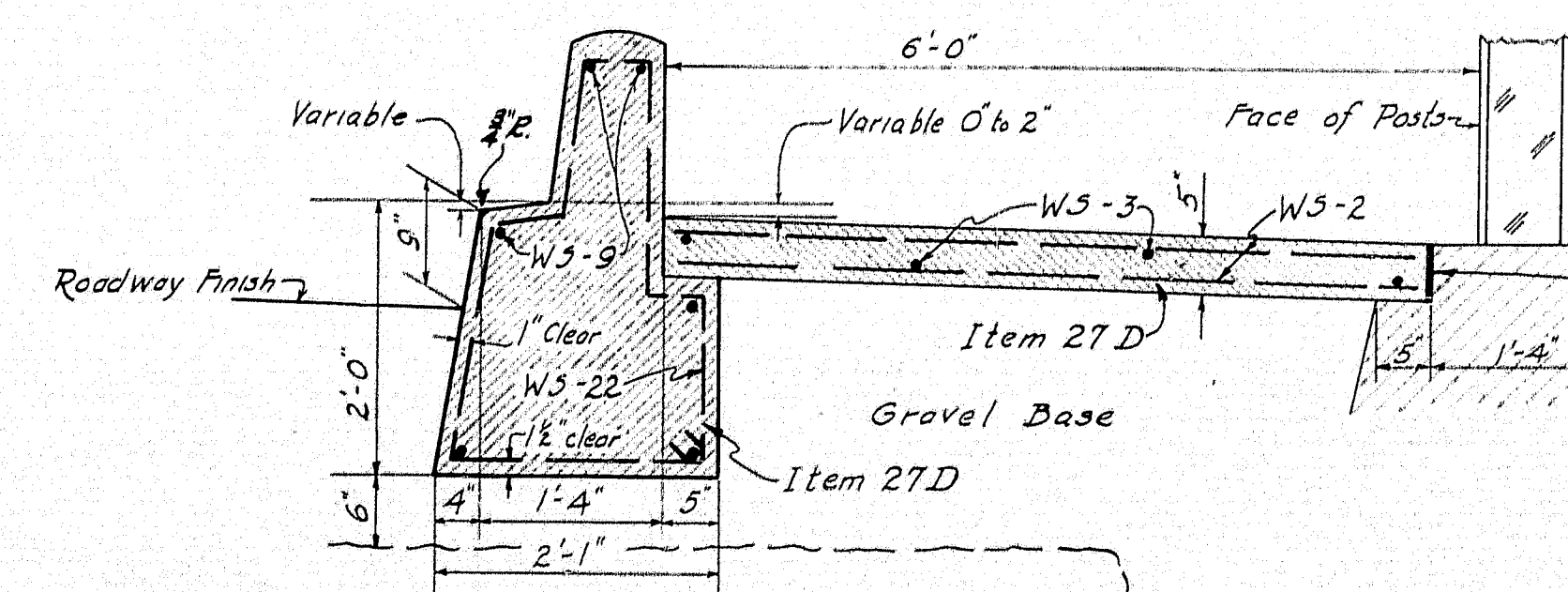
NOTE: Outside Curb opposite S.W. Panel "4" - Warp top of curb to fit sidewalk slope at P.T.



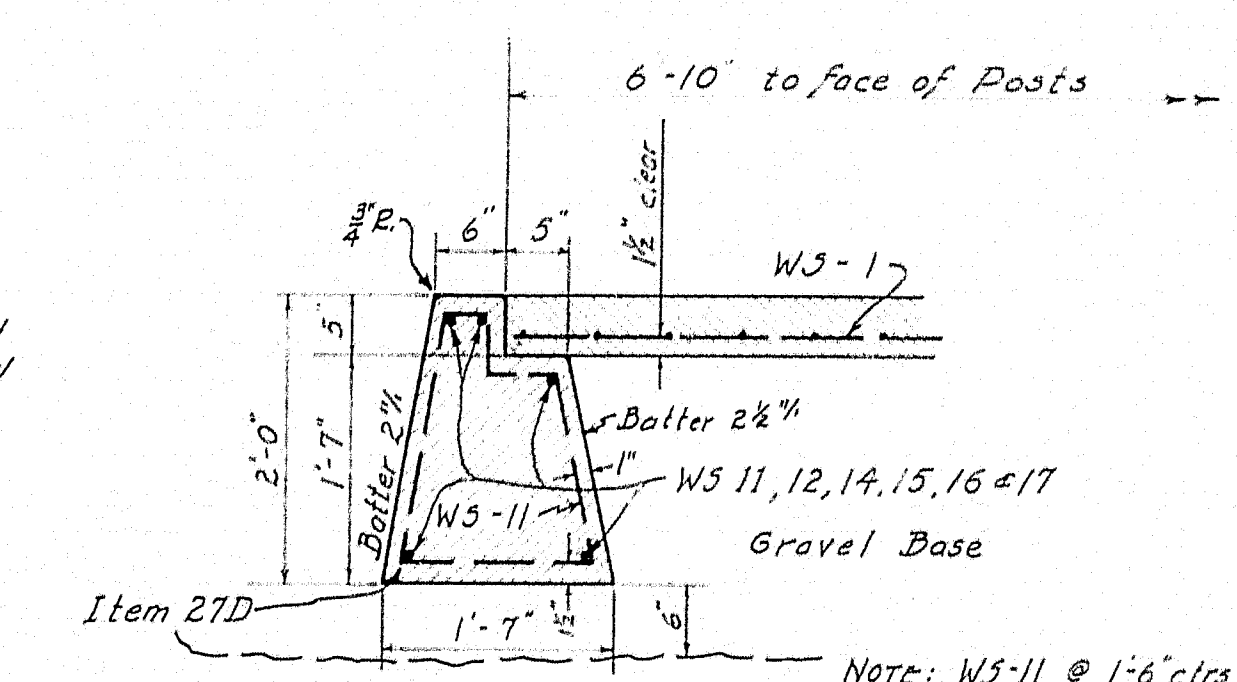
DETAIL - END OF DOUBLE CURB



TYPICAL SECT. - CURB & SIDEWALK BETWEEN ABUT. "1" & END WING WALL



TYPICAL SECT. - CURB & SIDEWALK BETWEEN END WING WALL & P.T.



TYPICAL SECT. - CURB & SIDEWALK BETWEEN P.T. & END OF PROJECT

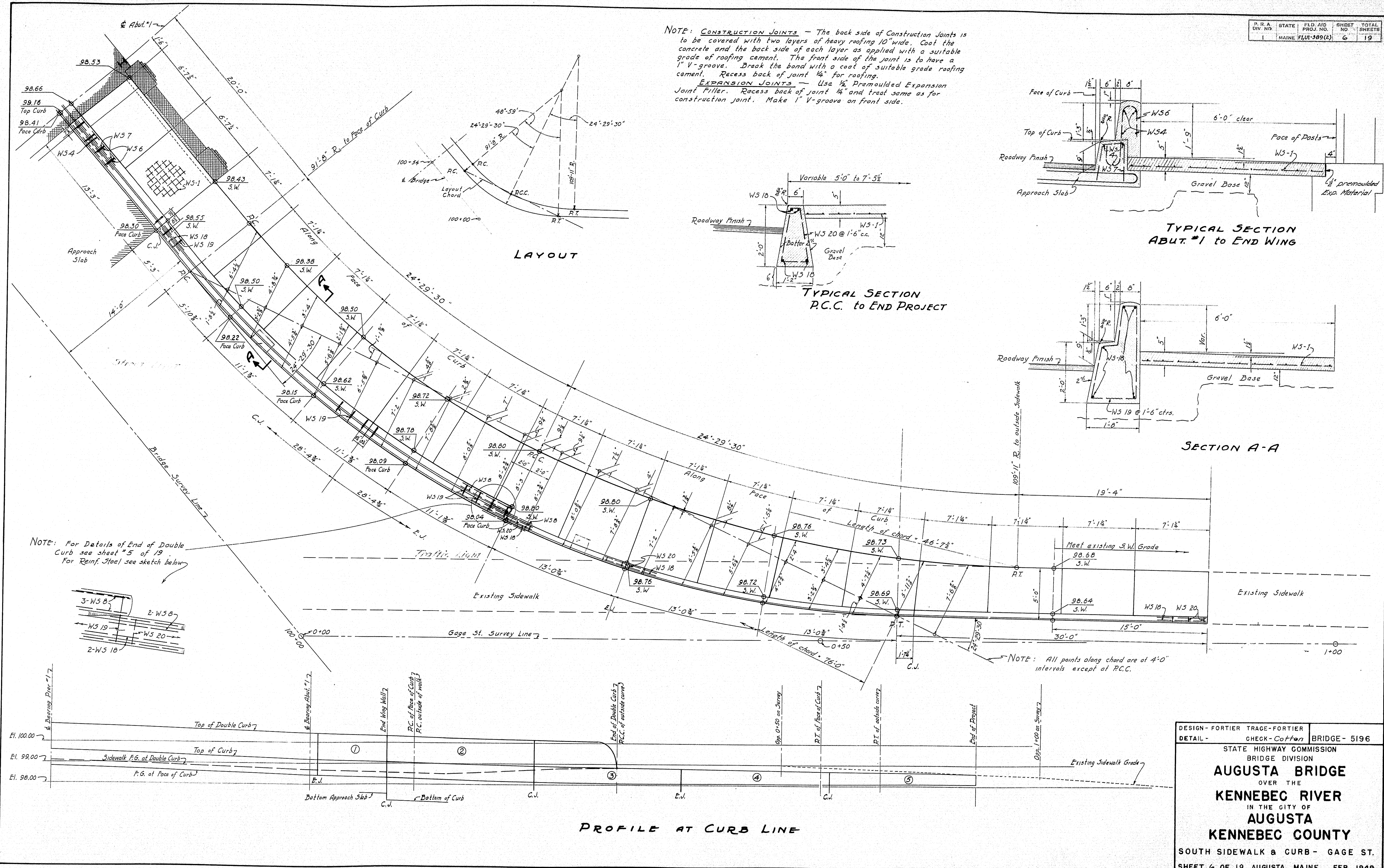
DESIGN - FORTIER TRACE-FORTIER
DETAIL - " CHECK - Cotton BRIDGE - 5196

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

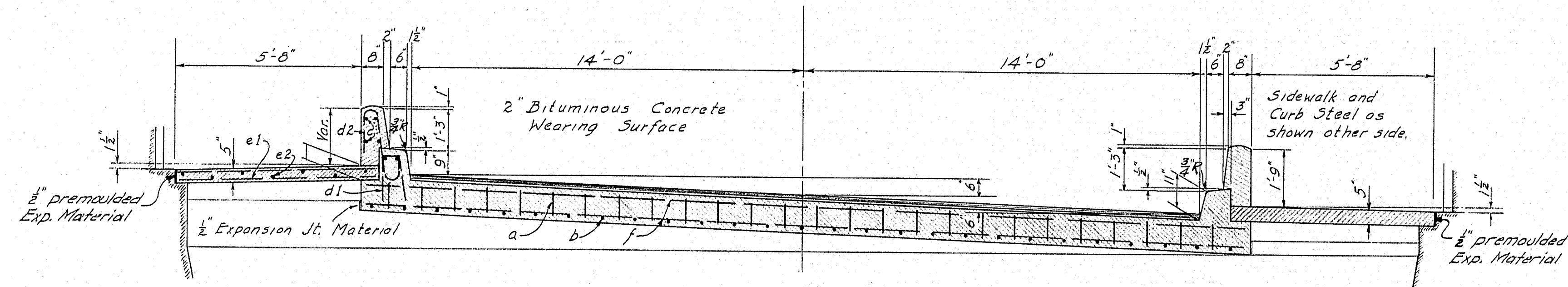
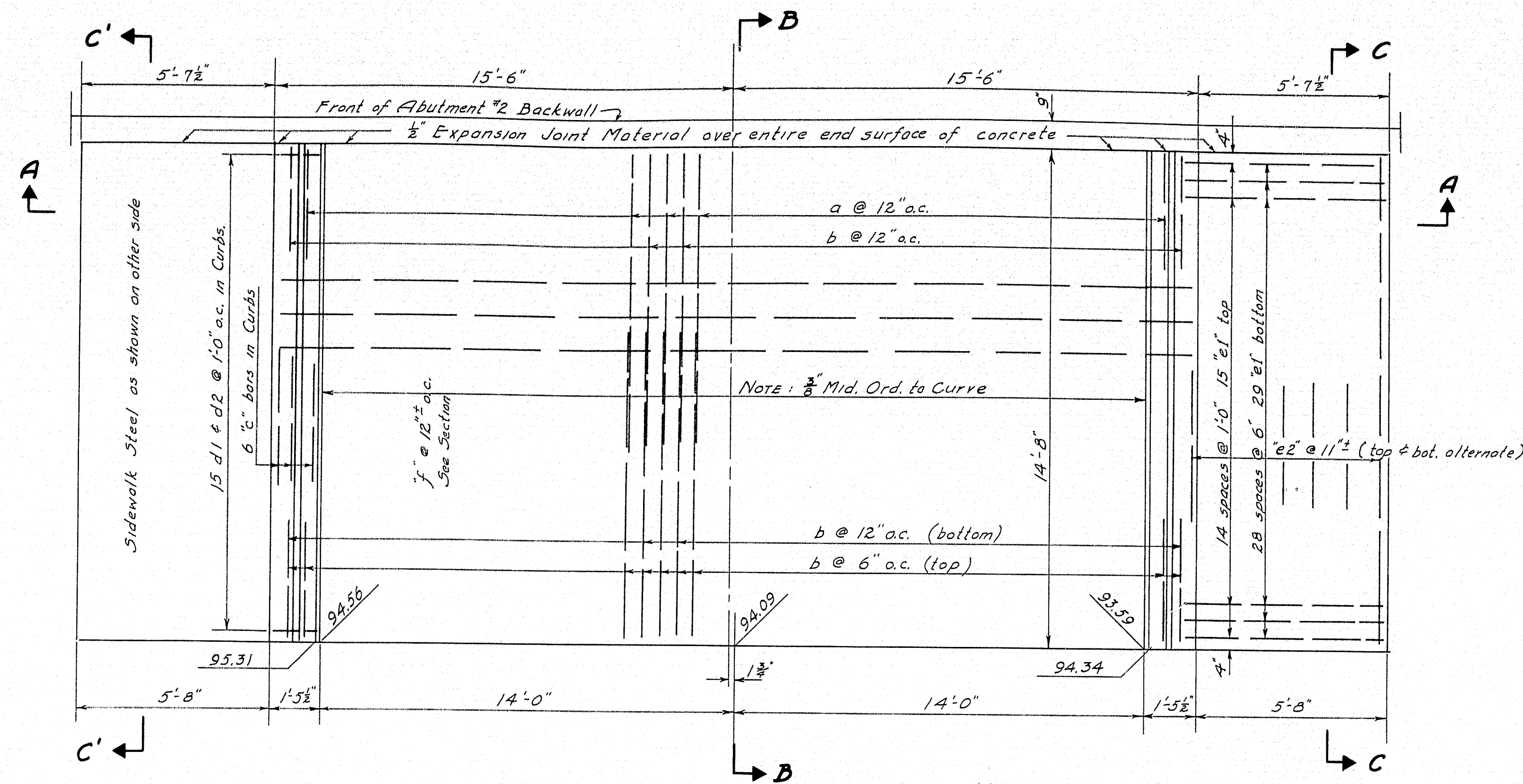
AUGUSTA BRIDGE
OVER THE
KENNEBEC RIVER
IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
N. SIDEWALK & CURB DETAILS - GAGE ST.
SHEET 5 OF 19 AUGUSTA, MAINE JAN. 1949

NOTE: CONSTRUCTION JOINTS - The back side of Construction Joints is to be covered with two layers of heavy roofing 10" wide. Coat the concrete and the back side of each layer as applied with a suitable grade of roofing cement. The front side of the joint is to have a 1" V-groove. Break the bond with a coat of suitable grade roofing cement. Recess back of joint 1/4" for roofing.

EXPANSION JOINTS - Use 1/2" Premoulded Expansion Joint Filler. Recess back of joint 1/4" and treat same as for construction joint. Make 1" V-groove on front side.

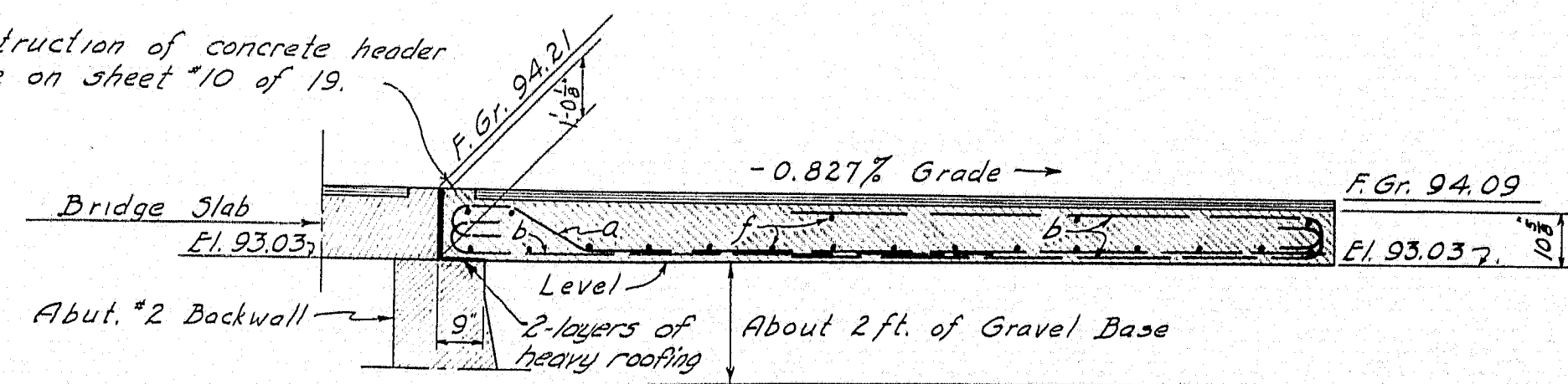


DESIGN - FORTIER TRAGE-FORTIER	BRIDGE - 5196
DETAIL - CHECK - Cotton	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
AUGUSTA BRIDGE	
OVER THE	
KENNEBEC RIVER	
IN THE CITY OF	
AUGUSTA	
KENNEBEC COUNTY	
SOUTH SIDEWALK & CURB - GAGE ST.	
SHEET 6 OF 19 AUGUSTA, MAINE FEB. 1949	

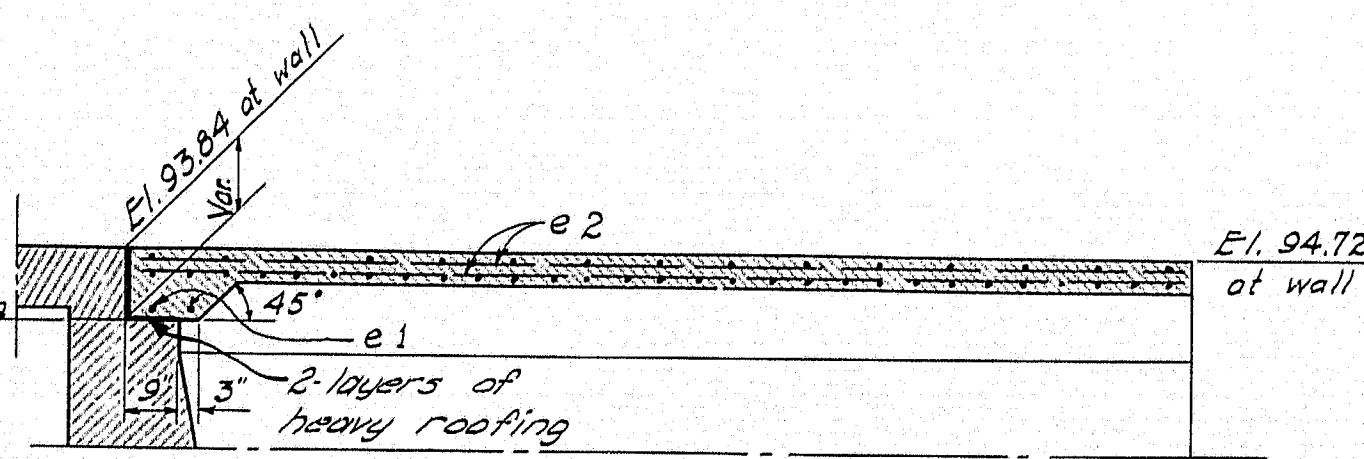


SECTION A-A

For construction of concrete header see note on sheet "10 of 19."



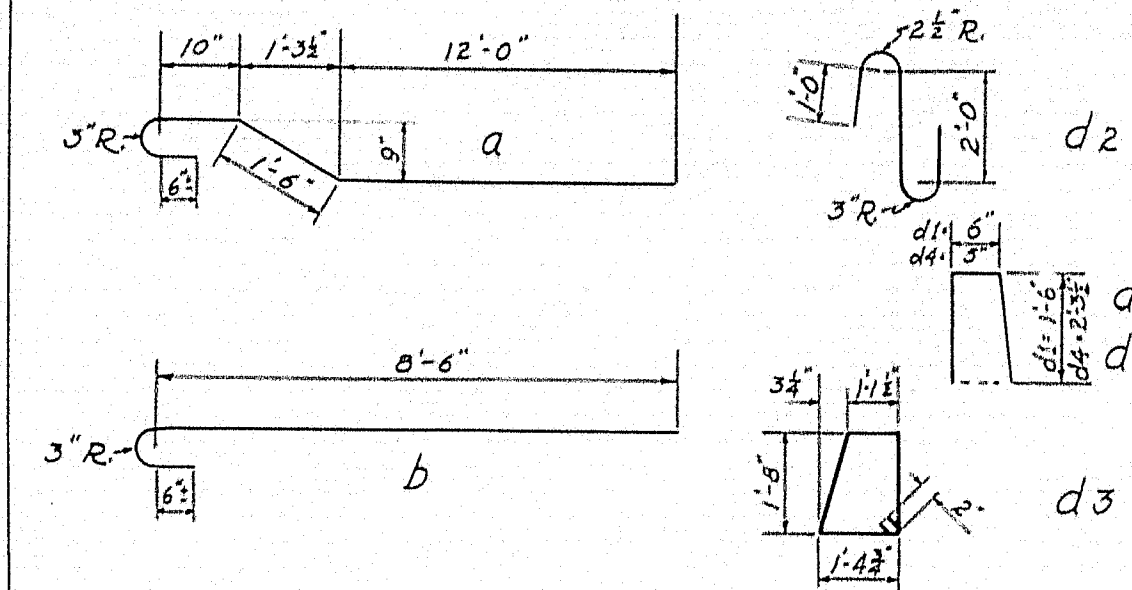
SECTION B-B



SECTION C-C

Section C'-C' the same except for Elevations

REINFORCING STEEL
EAST APPROACH SLAB, CURB & SIDEWALKS
BENT BARS



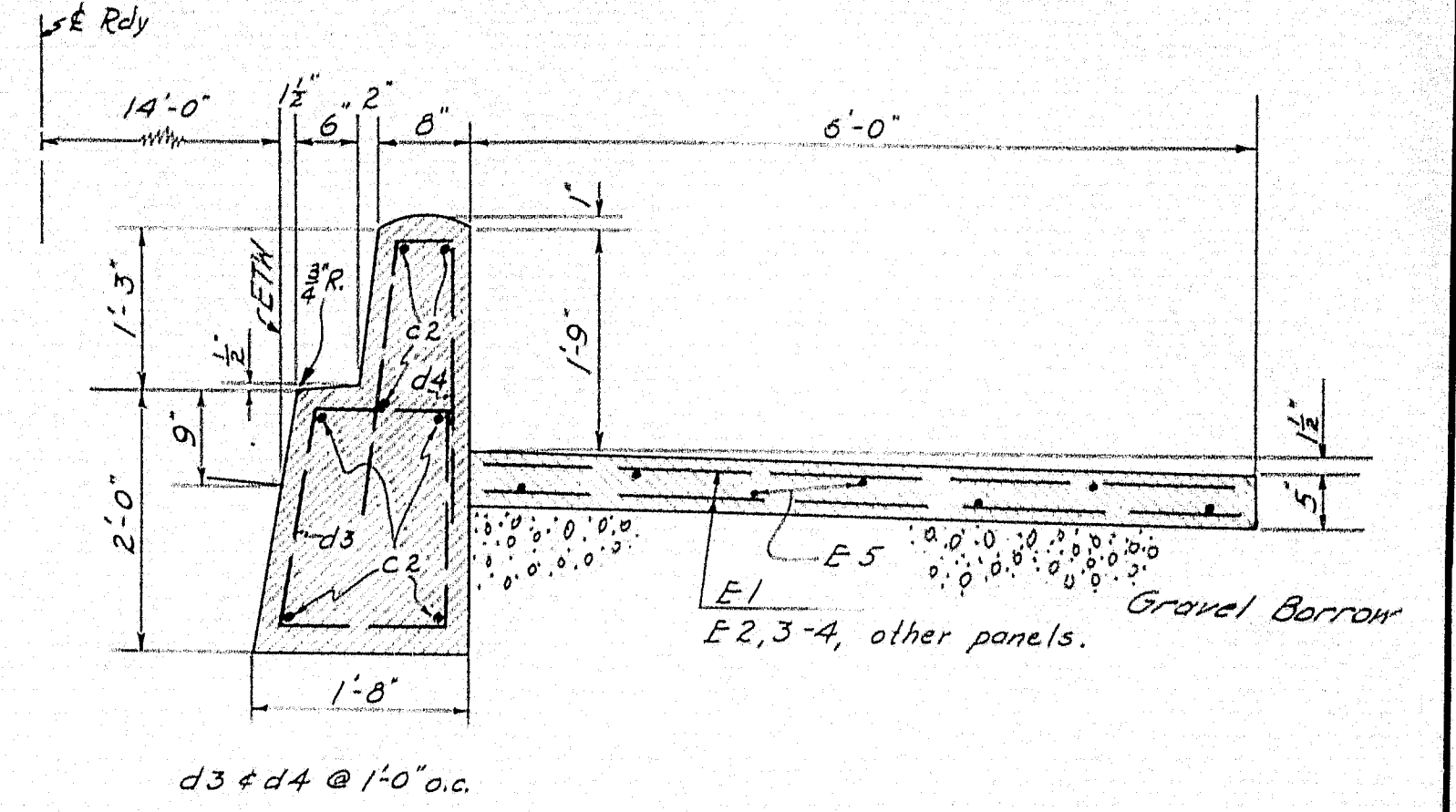
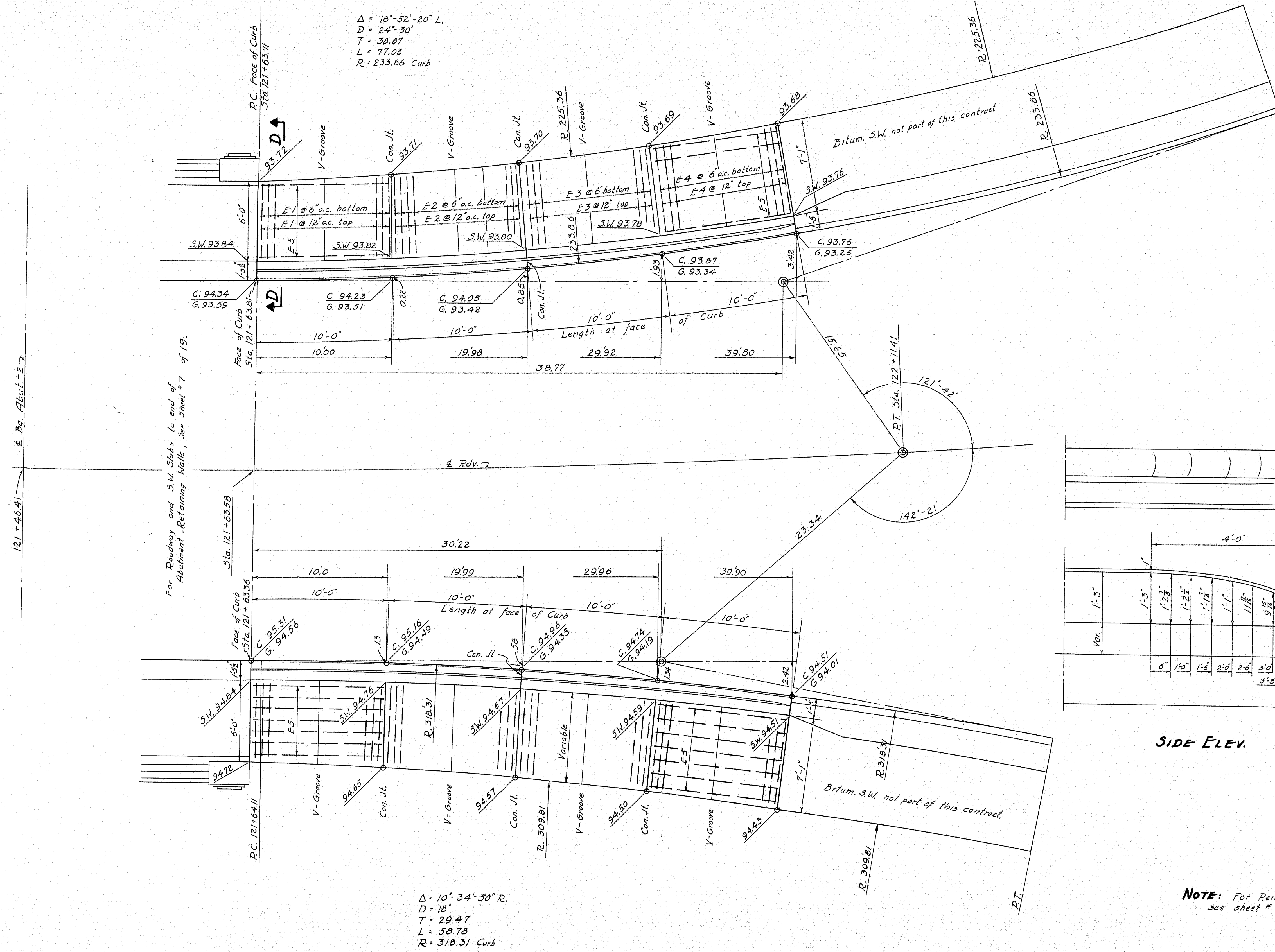
Mark	Size	No.	Length	Location
a	3/4"	30	15'-7"	Rdy. Slab - Long.
b	3/4"	122	9'-9"	"
d1	3/4"	30	3'-6"	Curbs
d2	3/4"	30	4'-11"	"
d3	3/4"	80	6'-3"	Approach Curbs
d4	3/4"	80	5'-0"	"

STRAIGHT BARS

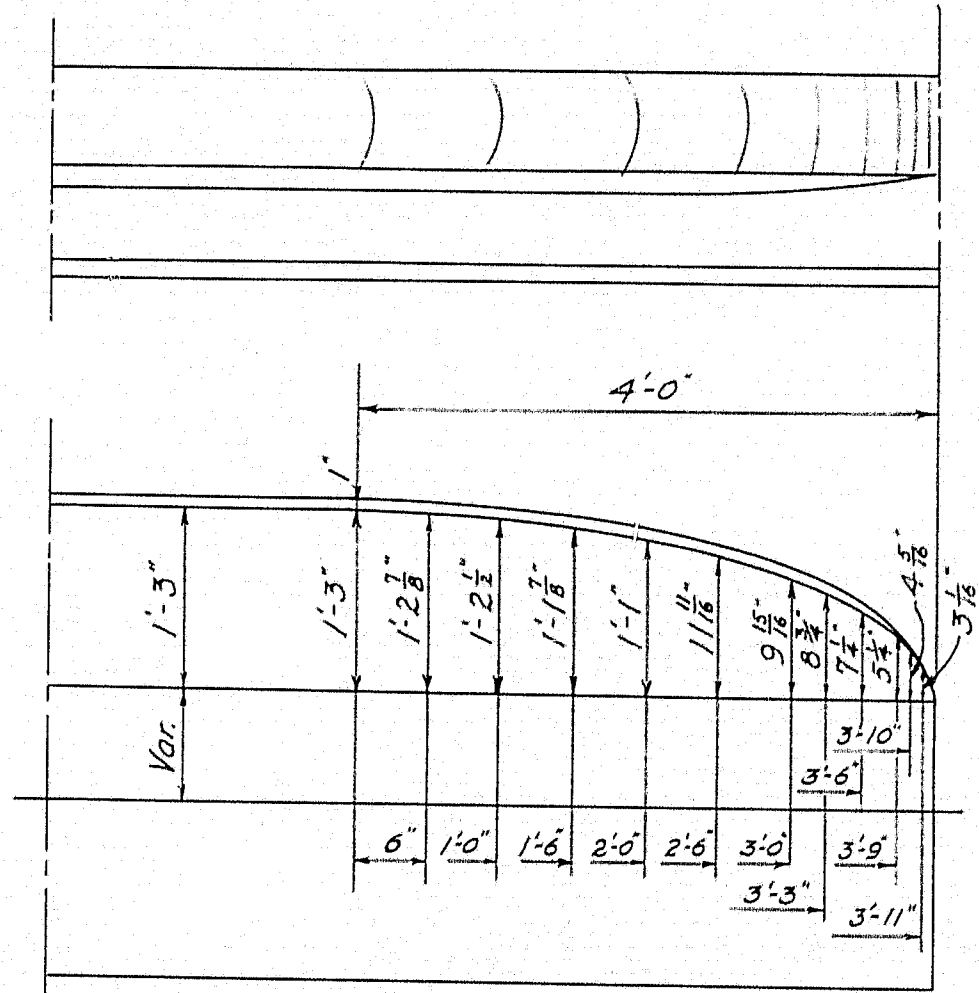
Mark	Size	No.	Length	Location
C	1/2"	12	14'-6"	Curbs
E1	"	92	5'-10"	S.W. Slab - Transverse
E2	"	14	14'-6"	" - Longitudinal
f	3/4"	20	30'-8"	Rdy. Slab - Transverse
C2	1/2"	28	19'-6"	Approach Curbs
E1	"	58	5'-10"	" S.W. - Trans.
E2	"	58	6'-1"	" " "
E3	"	58	6'-4"	" " "
E4	"	58	6'-7"	" " "
E5	1/2"	56	9'-6"	" " Long.

DESIGN - ALLEN TRACE-FORTIER
DETAIL - " CHECK - Cotton BRIDGE - 5196

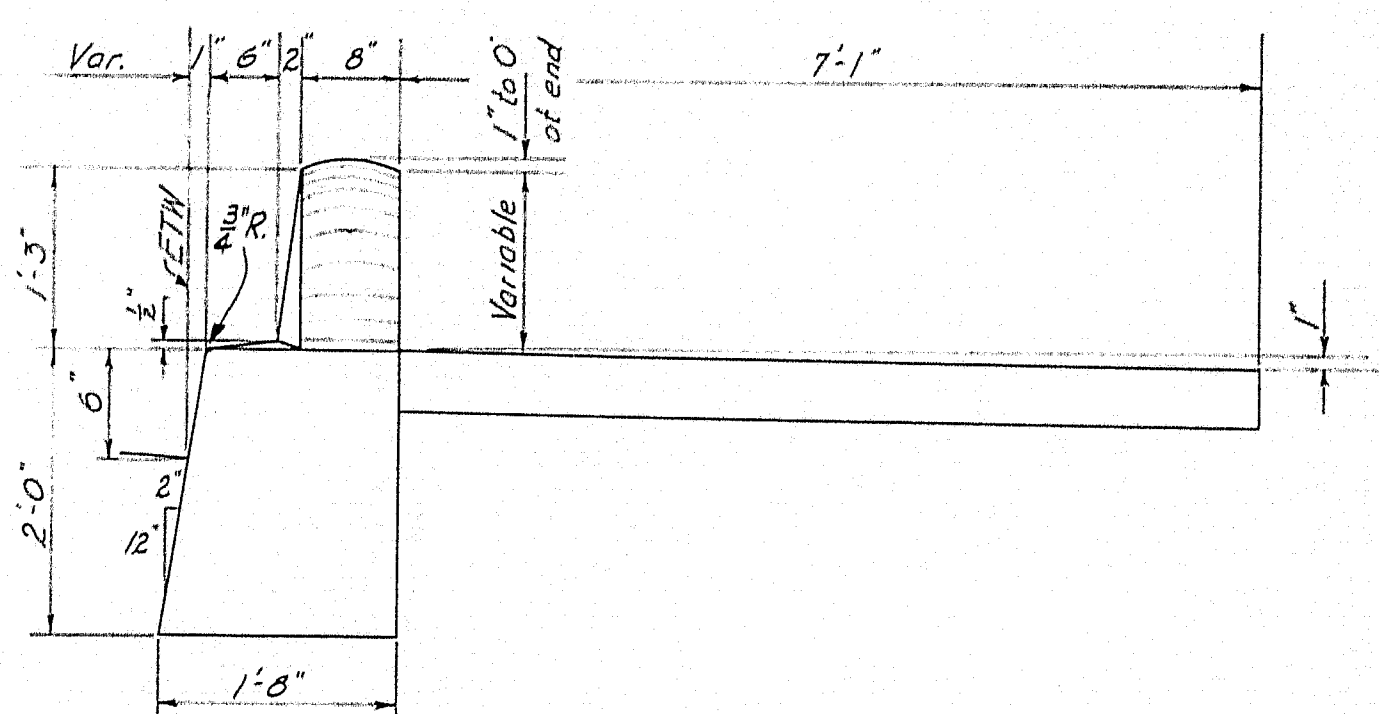
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
AUGUSTA BRIDGE
OVER THE
KENNEBEC RIVER
IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
APPROACH SLAB - ABUT. 2.
SHEET 7 OF 19 AUGUSTA, MAINE FEB. 1949



SECTION D-D



SIDE ELEV.



END ELEV.

U. S. CURB
D.S. Curb similar except for Elevations.

NOTE: For Reinf. Steel Schedule see sheet # 7 of 19.

$\Delta = 10^{\circ} 34' 50''$ R.
D = 18'
T = 29.47
L = 58.78
R = 318.31 Curb

DESIGN - ALLEN TRACE-FORTIER	BRIDGE - 5196
DETAIL - CHECK - Cotton	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
AUGUSTA BRIDGE	
OVER THE	
KENNEBEC RIVER	
IN THE CITY OF	
AUGUSTA	
KENNEBEC COUNTY	
EAST APPROACH SLABS	
SHEET 8 OF 19 AUGUSTA, MAINE FEB. 1949	

NOTE: SEE SHEET NO. 18 FOR LIGHT DETAILS.
" " " 12 " DRAIN DETAILS.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

SHEET 9 OF 19 AUGUSTA, MAINE JAN. 1949

52-54

At all rail posts on bridge the area of steel in contact with concrete shall be completely covered with a suitable grade of asphalt paint to break the bond.

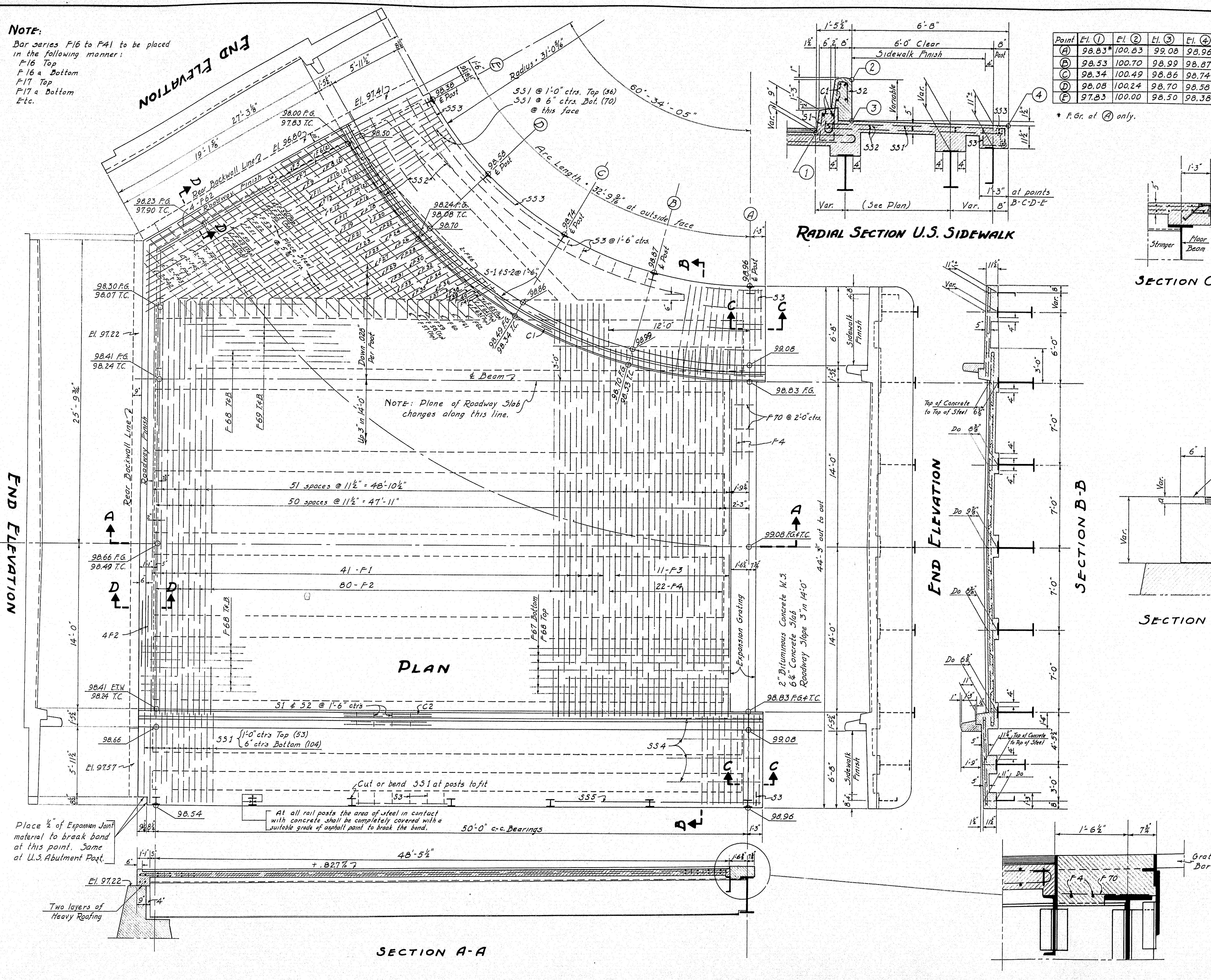
The top surface of concrete sidewalk slab shall be free from observable departures from a 10-foot straight edge and there shall be no deviation of more than $\frac{1}{4}$ inch under the 10-foot straight edge on roadway slab.

~ DESIGN ~
Loading = H20-S16-44
 $f_s = 18000 \text{ \#/"}$
 $f_c = 1000 \text{ \#/"}$
 $n = 10$

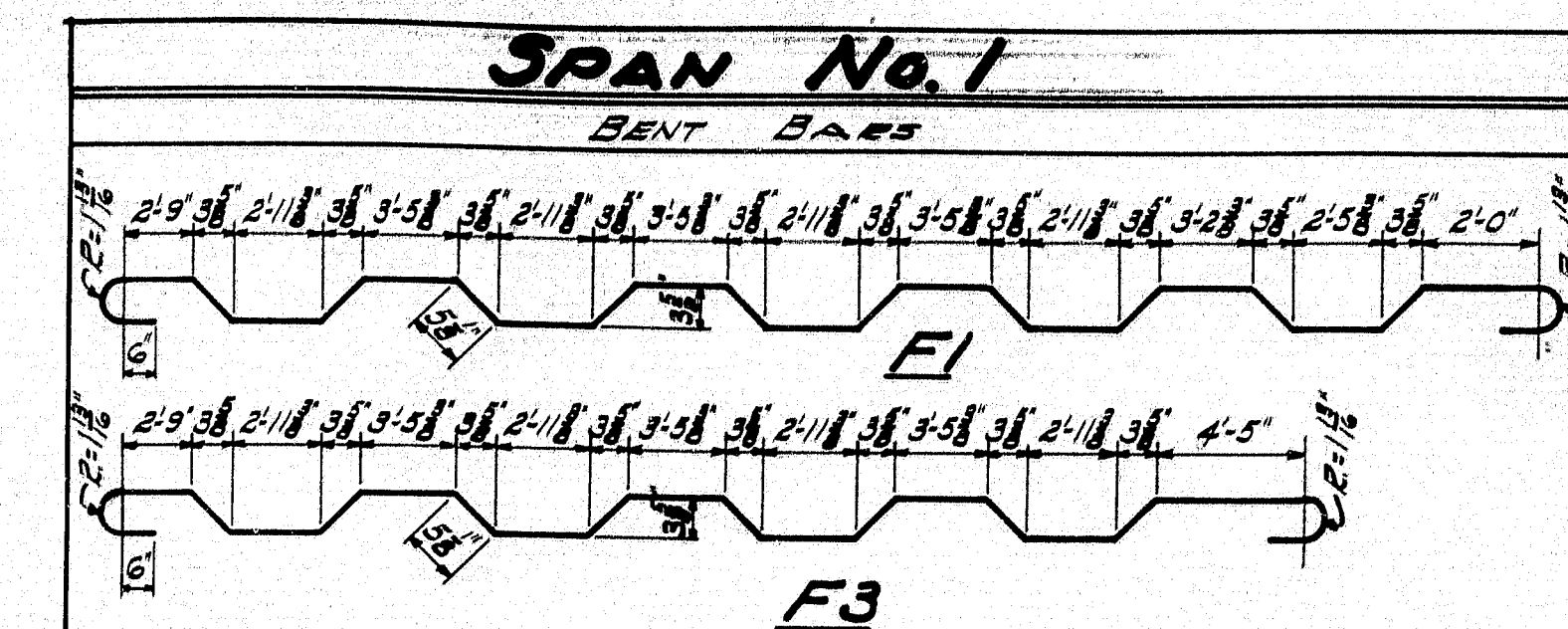
NOTE:

Bar series F16 to F41 to be placed in the following manner:
F16 Top
F16 a Bottom
F17 Top
F17 a Bottom
Etc.

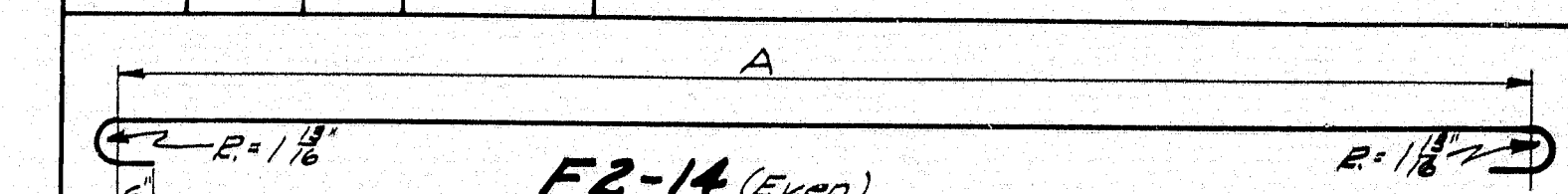
F.R.A. Div. No.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	FLU-389(2)	10	19



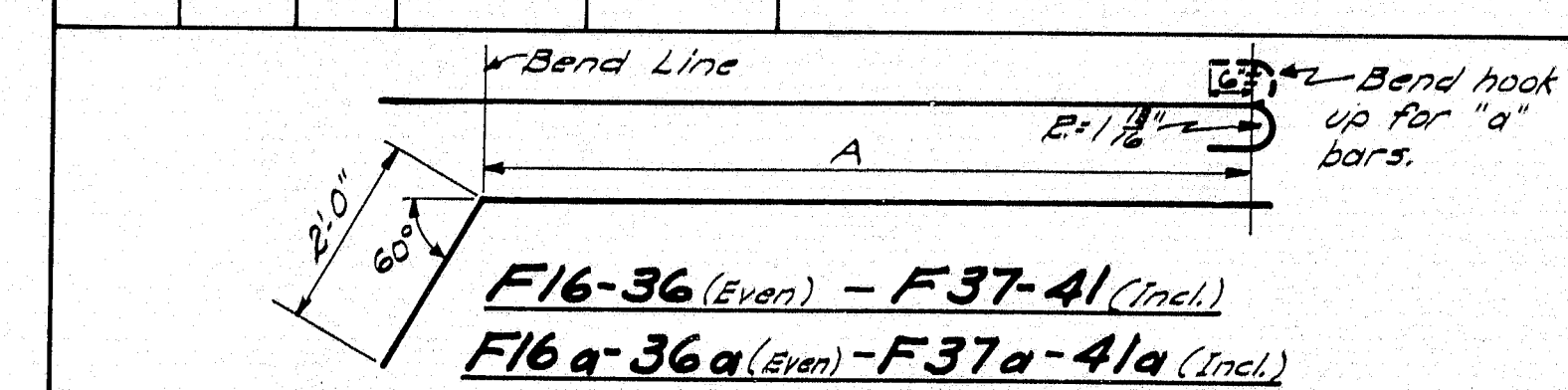
DESIGN-HAMILTON TRACE-FORTIER
DETAIL - " CHECK- Allen BRIDGE - 5196
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
AUGUSTA BRIDGE
OVER THE
KENNEBEC RIVER
IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
FLOOR DETAILS - SPAN No. 1
SHEET 10 OF 19 AUGUSTA, MAINE JAN. 1949



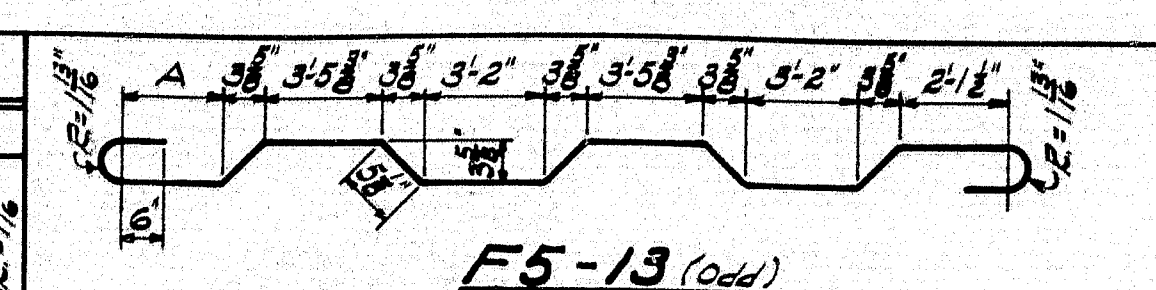
MARK	No.	SIZE	LENGTH	LOCATION
F1	41	3/8"	38'-9"	Main Slab
F3	11	"	34'-8"	"



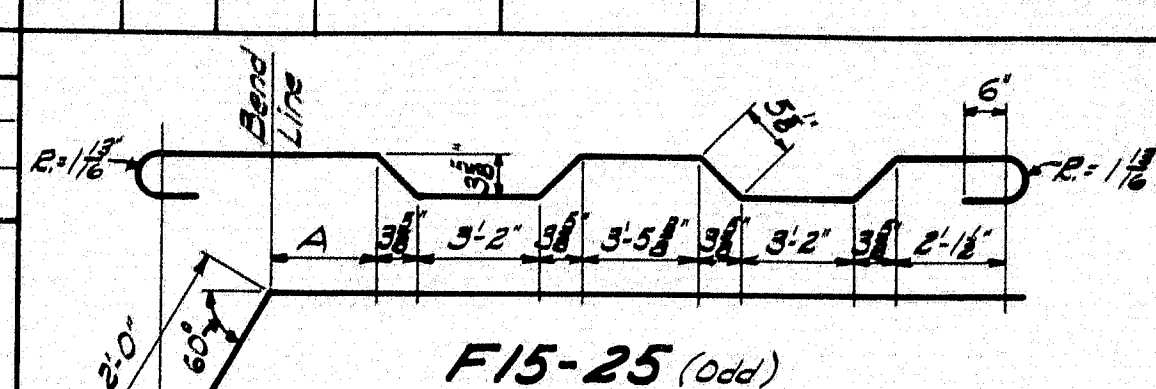
MARK	No.	SIZE	A	LENGTH	LOCATION
F2	84	3/8"	35'-6"	37'-5"	Main Slab
F4	24	"	31'-8"	32'-7"	"
F6	2	"	20'-1"	22'-0"	" U.S.
F8	2	"	21'-1"	23'-0"	"
F10	2	"	21'-9"	23'-8"	"
F12	2	"	22'-6"	24'-5"	"
F14	2	"	23'-3"	25'-2"	"



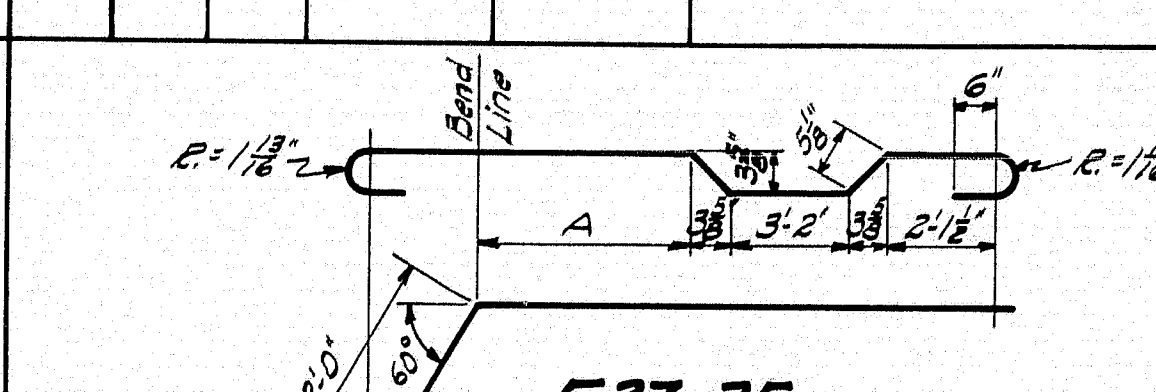
MARK	No.	SIZE	A	LENGTH	LOCATION
F16	1	3/8"	19'-6"	22'-6"	Top Main Slab U.S.
F16a	1	"	19'-6"	22'-6"	Bot.
F18	1	"	18'-0"	21'-0"	Top
F18a	1	"	18'-0"	21'-0"	Bot.
F20	1	"	16'-6"	19'-6"	Top
F20a	1	"	16'-6"	19'-6"	Bot.
F22	1	"	15'-0"	18'-0"	Top
F22a	1	"	15'-0"	18'-0"	Bot.
F24	1	"	13'-6"	16'-6"	Top
F24a	1	"	13'-6"	16'-6"	Bot.
F26	1	"	12'-0"	15'-0"	Top
F26a	1	"	12'-0"	15'-0"	Bot.
F28	1	"	10'-6"	13'-6"	Top
F28a	1	"	10'-6"	13'-6"	Bot.
F30	1	"	9'-0"	12'-0"	Top
F30a	1	"	9'-0"	12'-0"	Bot.
F32	1	"	7'-6"	10'-6"	Top
F32a	1	"	7'-6"	10'-6"	Bot.
F34	1	"	6'-0"	9'-0"	Top
F34a	1	"	6'-0"	9'-0"	Bot.
F36	1	"	4'-6"	7'-6"	Top
F36a	1	"	4'-6"	7'-6"	Bot.
F37	1	"	4'-0"	7'-0"	Top
F37a	1	"	4'-0"	7'-0"	Bot.
F38	1	"	3'-6"	6'-6"	Top
F38a	1	"	3'-6"	6'-6"	Bot.
F39	1	"	3'-0"	6'-0"	Top
F39a	1	"	3'-0"	6'-0"	Bot.
F40	1	"	2'-6"	5'-6"	Top
F40a	1	"	2'-6"	5'-6"	Bot.
F41	1	"	2'-0"	5'-0"	Top
F41a	1	"	2'-0"	5'-0"	Bot.



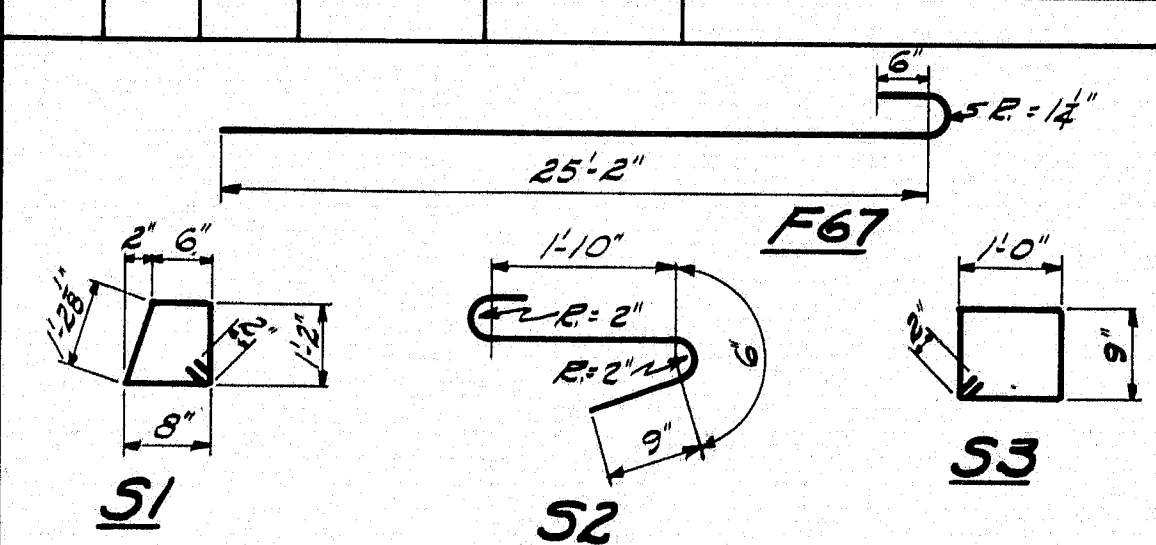
MARK	No.	SIZE	A	LENGTH	LOCATION
F5	1	3/8"	31'-0"	22'-6"	Main Slab U.S.
F7	1	"	31'-0"	23'-3"	"
F9	1	"	4'-8"	24'-1"	"
F11	1	"	5'-6"	24'-11"	"
F13	1	"	6'-3"	25'-8"	"



MARK	No.	SIZE	A	LENGTH	LOCATION
F15	1	3/8"	7'-3"	24'-9"	Main Slab U.S.
F17	1	"	5'-6"	23'-0"	"
F19	1	"	4'-3"	21'-9"	"
F21	1	"	2'-9"	20'-3"	"
F23	1	"	1'-6"	19'-0"	"
F25	1	"	0'-6"	18'-0"	"



MARK	No.	SIZE	A	LENGTH	LOCATION
F27	1	3/8"	5'-9"	15'-10"	Main Slab U.S.
F29	1	"	4'-3"	14'-4"	"
F31	1	"	2'-6"	12'-7"	"
F33	1	"	1'-3"	11'-4"	"
F35	1	"	0'-6"	10'-7"	"



MARK	No.	SIZE	LENGTH	LOCATION
F67	31	3/8"	26'-0"	Main Slab U.S.
S1	63	3/8"	3'-10"	U.S. & D.S. Curbs
S2	63	"	4'-1"	"
S3	62	"	3'-10"	"

STRAIGHT BARS

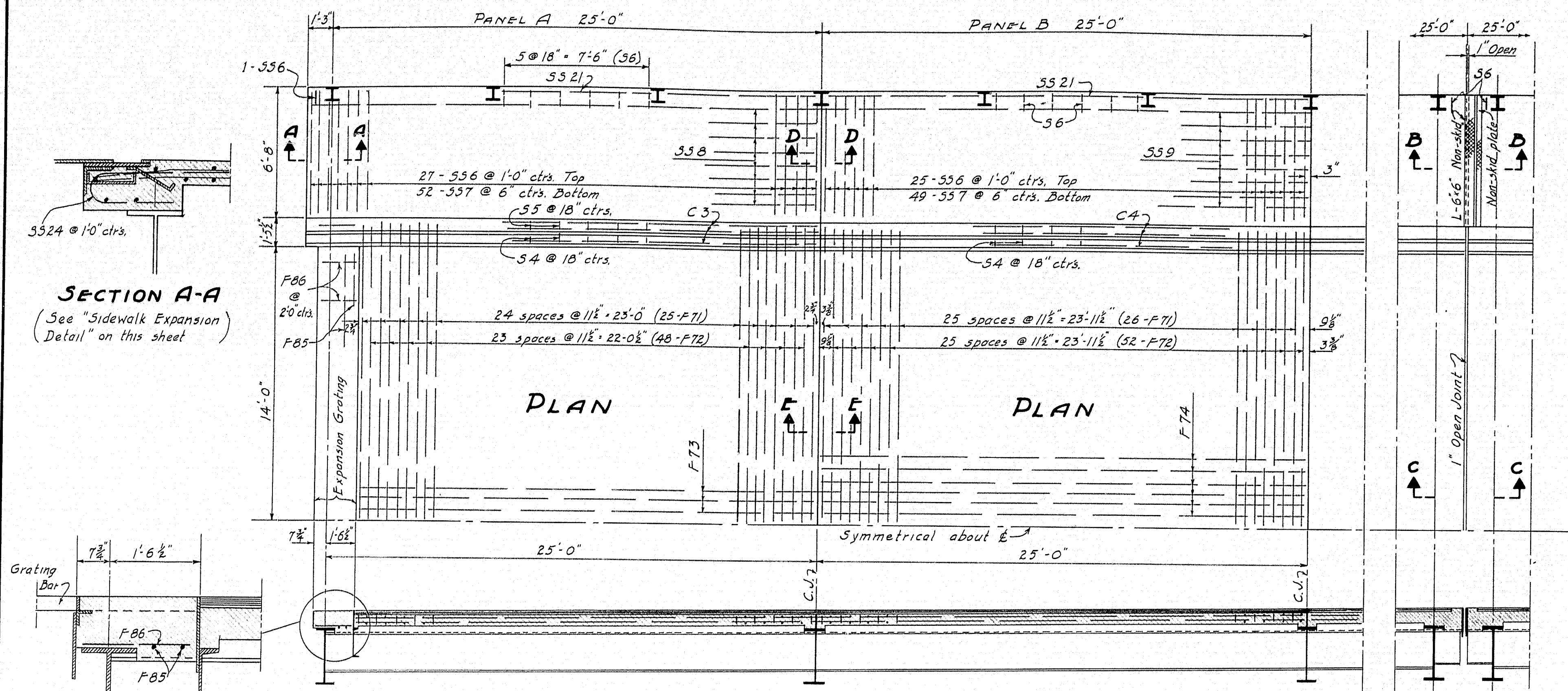
MARK	No.	SIZE	LENGTH	LOCATION
F42	2	3/8"	6'-0"	Roadway Slab U.S.
F43	2	"	8'-0"	"
F44	2	"	9'-0"	"
F45	2	"	10'-0"	"
F46	2	"	11'-0"	"
F47	2	"	11'-6"	"
F48	1	"	12'-6"	"
F49	1	"	13'-0"	"
F50	1	"	13'-6"	"
F51	1	"	13'-9"	"
F52	1	"	14'-6"	"
F53	1	"	14'-9"	"
F54	1	"	15'-0"	"

MARK	No.	SIZE	LENGTH	LOCATION
F55	1	3/8"	15'-3"	Roadway Slab U.S.
F56	1	"	15'-6"	"
F57	1	"	17'-6"	"
F58	1	"	18'-0"	"
F59	1	"	18'-3"	"
F60	1	"	18'-9"	"
F61	1	"	19'-0"	"
F62	5	"	20'-0"	"
F63	1	"	20'-3"	"
F64	1	"	20'-9"	"
F65	1	"	21'-3"	"
F66	2	"	22'-0"	"
F68	69	"	25'-9"	Main Roadway Slab
F69	6	"	39'-0"	"
F70	14	"	2'-0"	" at drating
S51	263	3/8"	7'-6"	Sidewalk Slab U.S. & D.S.
S52	16	"	22'-0"	" (Splice)
S53	12	"	8'-1"	" (Splice)
S54	14	"	27'-2"	" (Splice)
S55	18	"	8'-3"	"
C1	12	3/8"	22'-10"	Sidewalk Curbs U.S. (Splice)
C2	12	"	27'-0"	" D.S. (Splice)

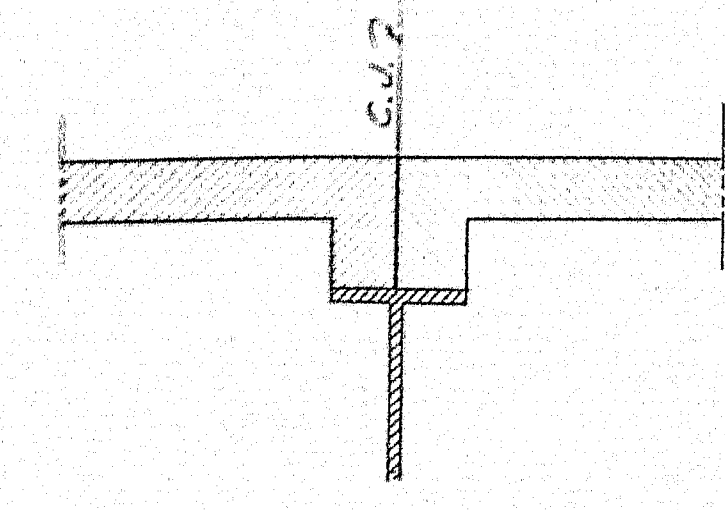
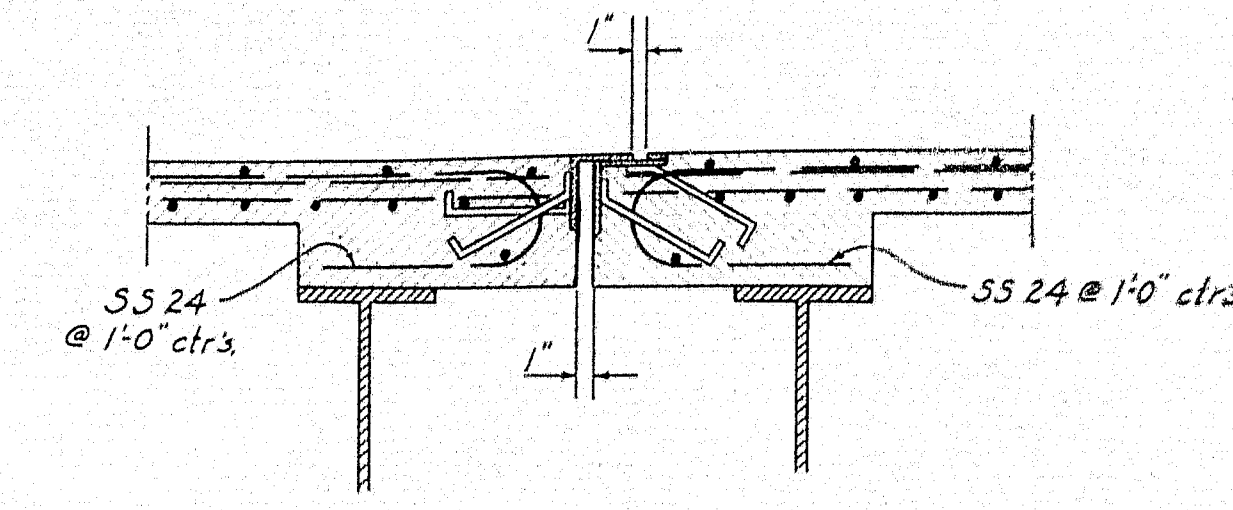
Note: Dimensions to $\frac{1}{8}$ " of steel.

DESIGN - HAMILTON TRACE - CLARK
DETAIL - " CHECK - *CLC* BRIDGE - 5196

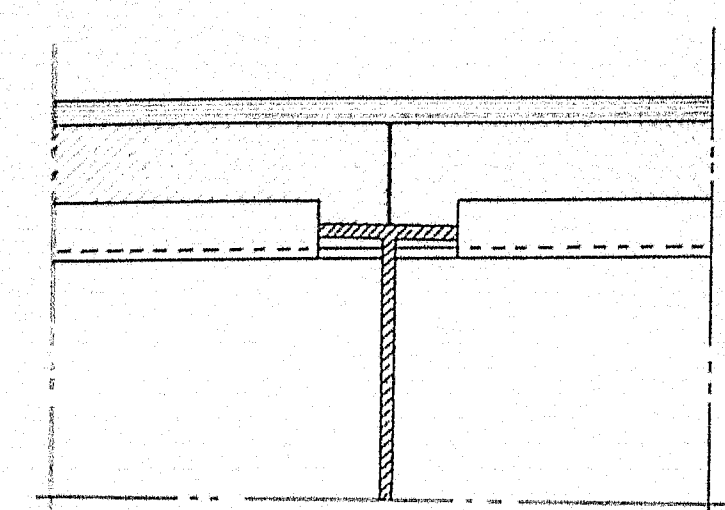
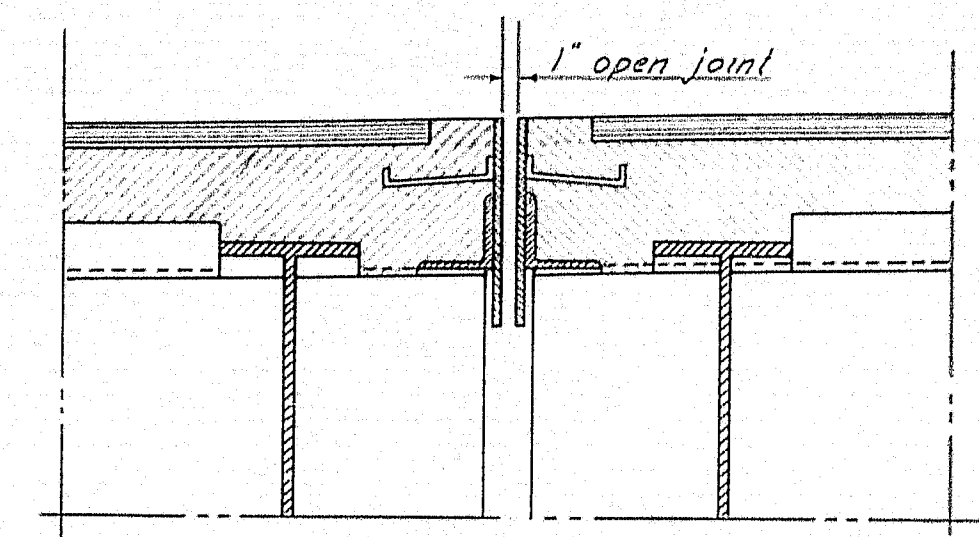
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
AUGUSTA BRIDGE
OVER THE
KENNEBEC RIVER
IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
REINFORCING STEEL SPAN No. 1
SHEET 11 OF 19 AUGUSTA, MAINE, JAN. 1949



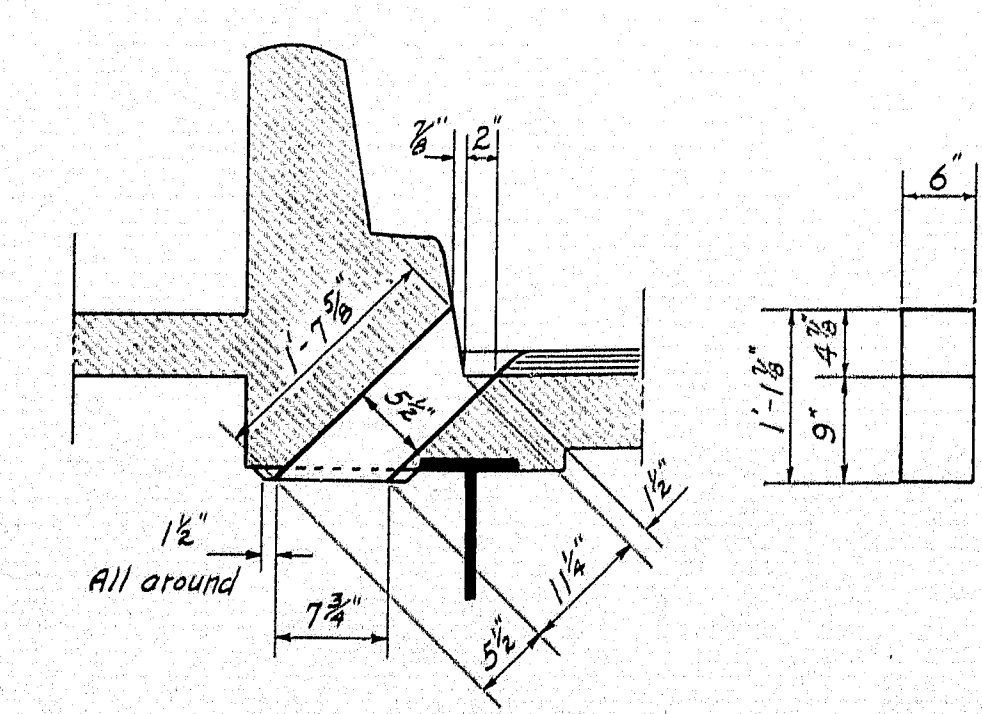
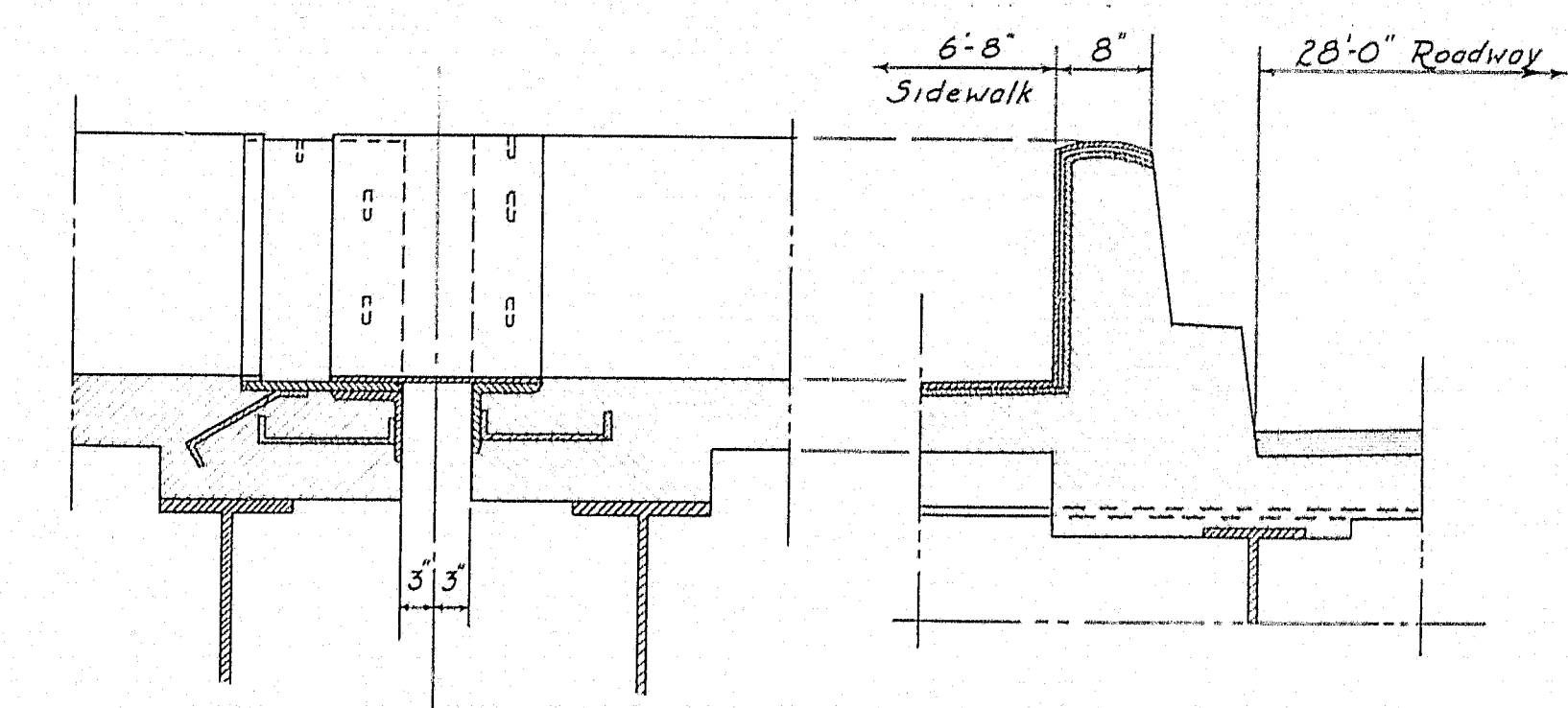
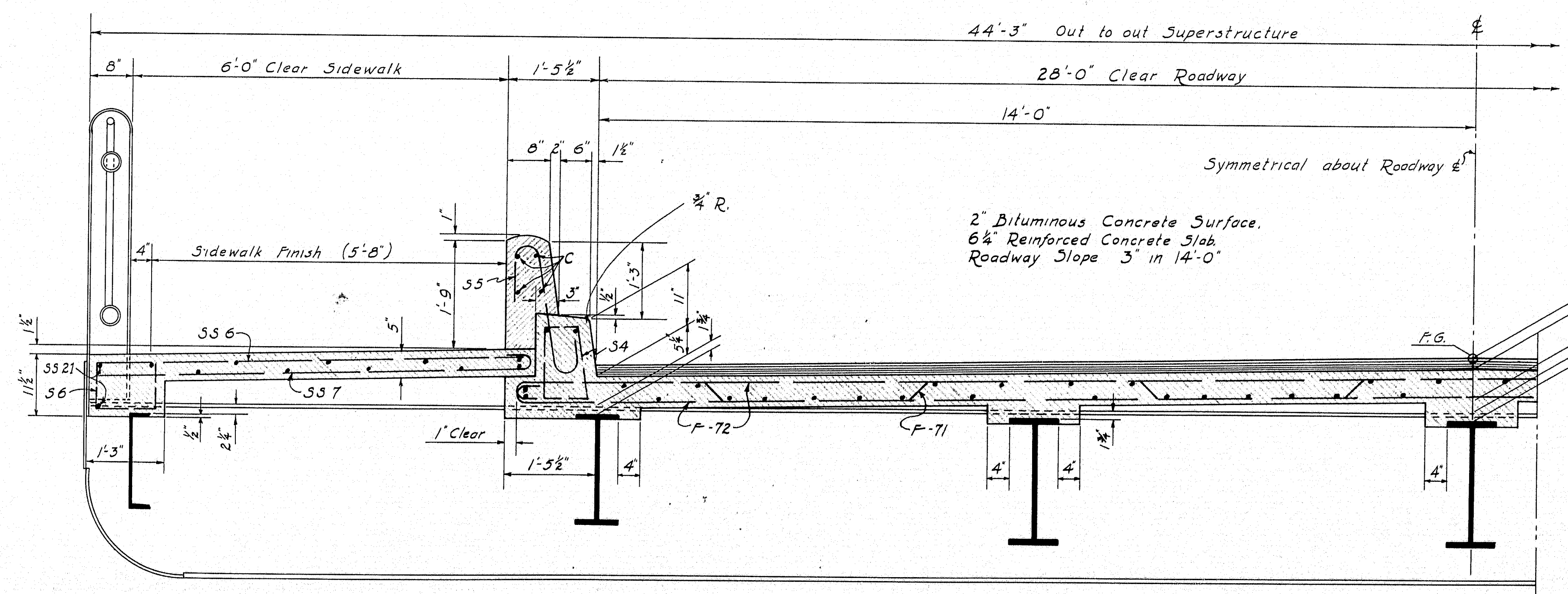
SECTION A-A
 (See "Sidewalk Expansion Detail" on this sheet)



Note: Sidewalk Expansion Plates to be furnished by Structural Steel Contractor and erected by Floor Contractor.



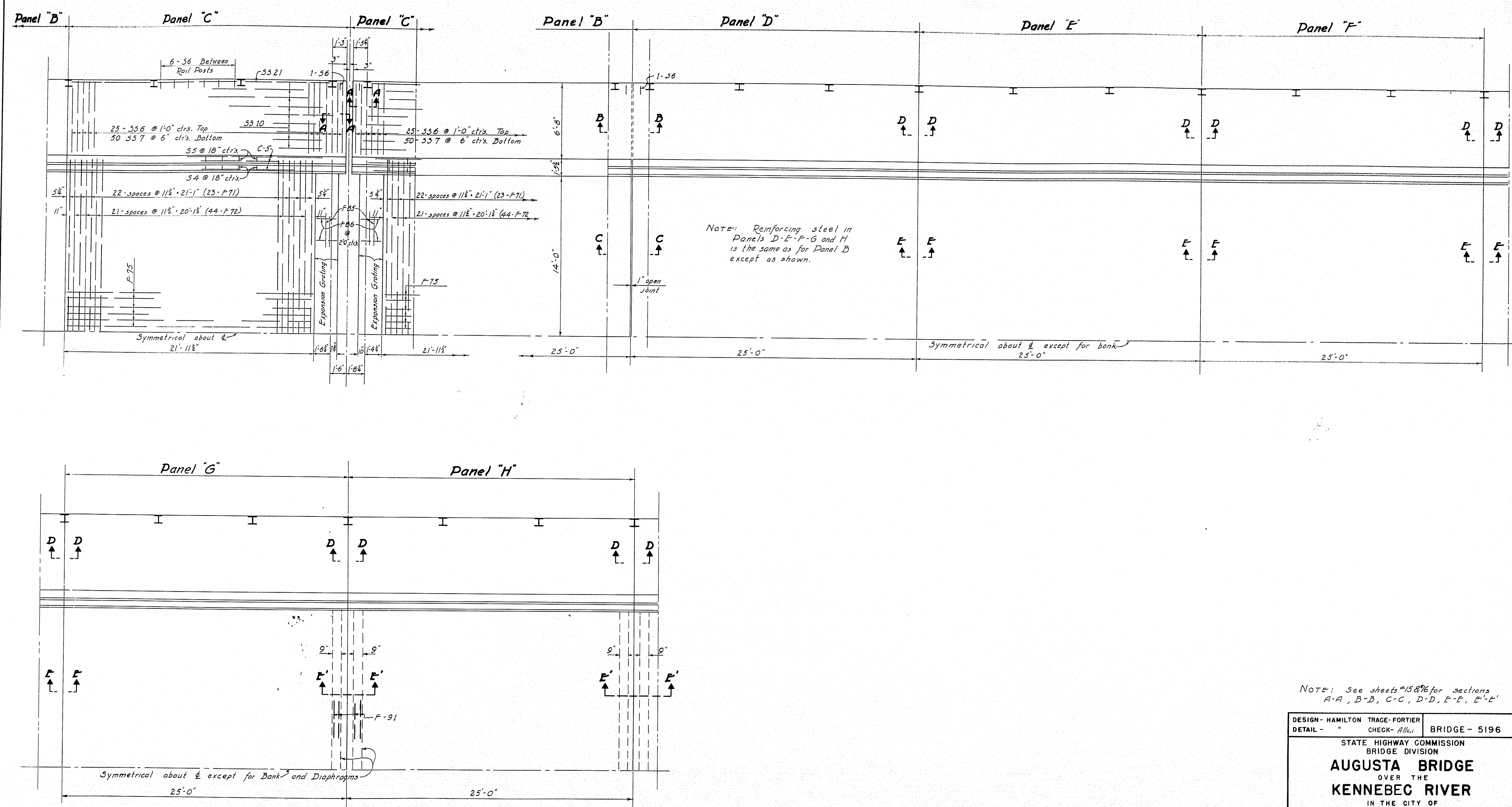
Note: Reinforcing steel to be placed the same in panels adjacent to 1" open joint as that shown for Panel "B", except one additional 56



DESIGN - HAMILTON TRACE-FORTIER
 DETAIL - " CHECK - *[Signature]* BRIDGE - 5196

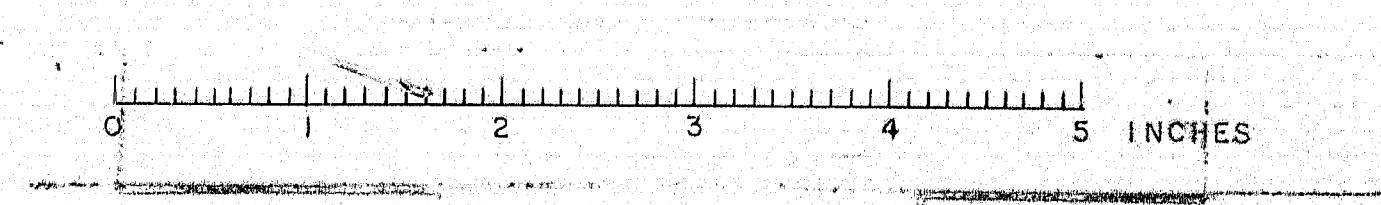
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
AUGUSTA BRIDGE
 OVER THE
KENNEBEC RIVER
 IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
 FLOOR DETAILS
 PANELS-"A" and "B"

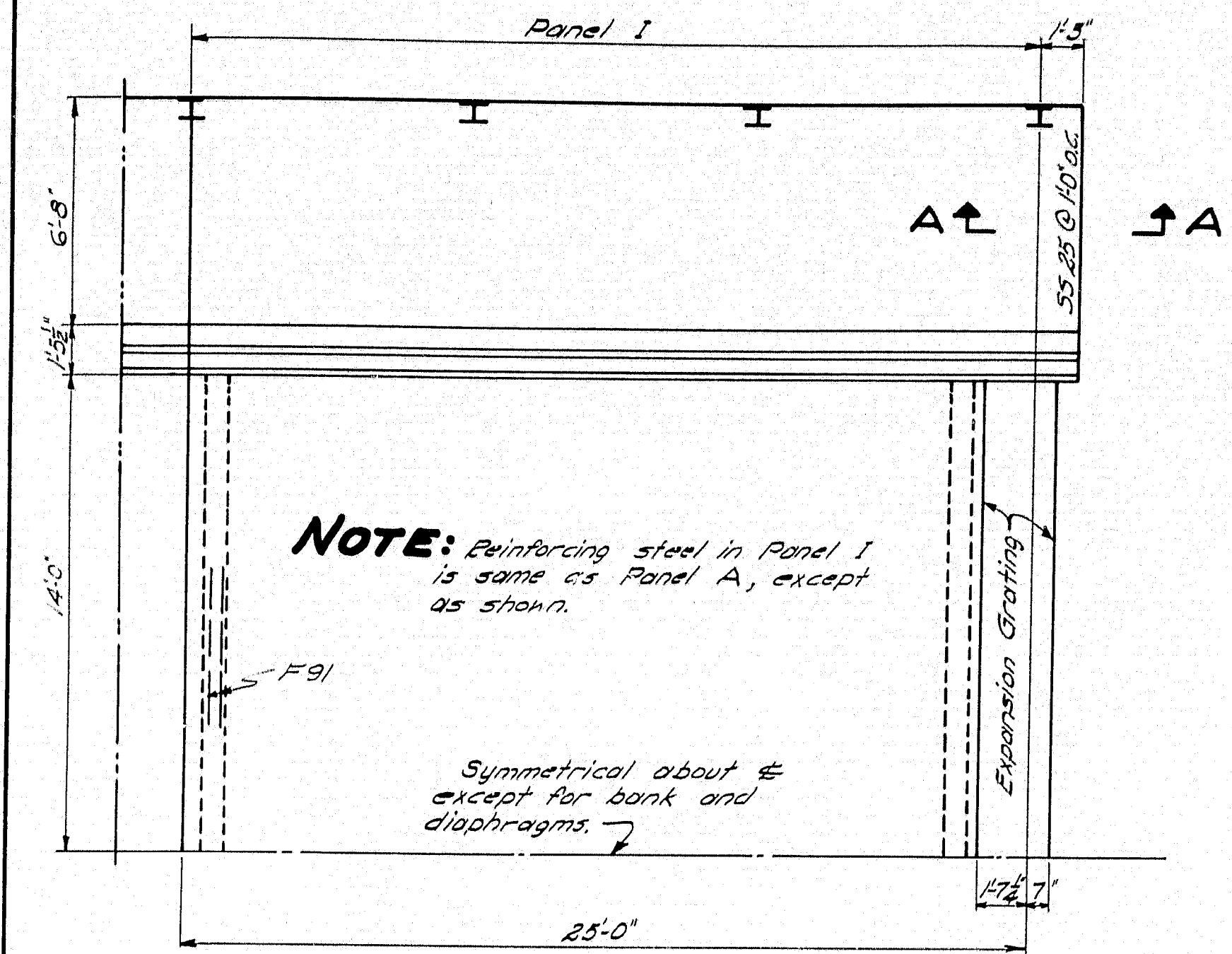
SHEET 12 OF 19 AUGUSTA, MAINE JAN. 1949



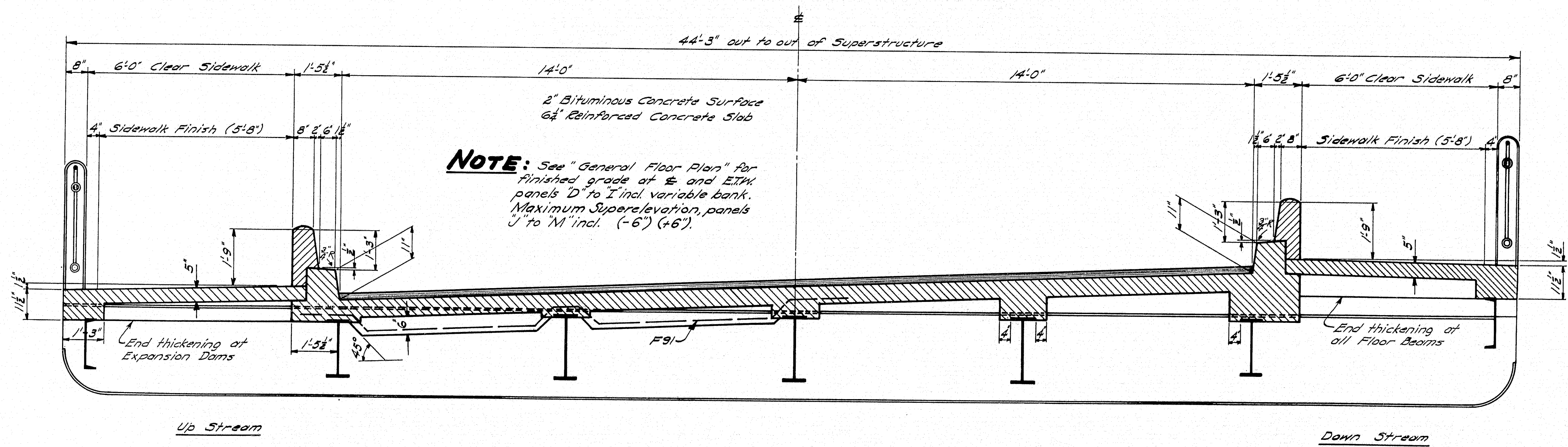
NOTE: See sheets #15 & 16 for sections A-A, B-B, C-C, D-D, E-E, E'-E'.

DESIGN - HAMILTON TRACE-FORTIER	CHECK - H. H. H.	BRIDGE - 5196
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
AUGUSTA BRIDGE OVER THE KENNEBEC RIVER IN THE CITY OF AUGUSTA KENNEBEC COUNTY FLOOR DETAILS PANELS - C-D-E-F-G-H		
SHEET 13 OF 19 AUGUSTA, MAINE JAN. 1949		





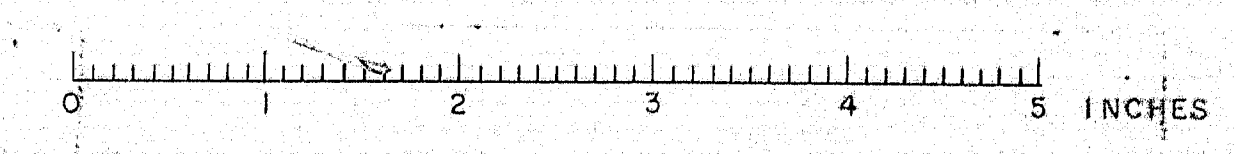
PLAN



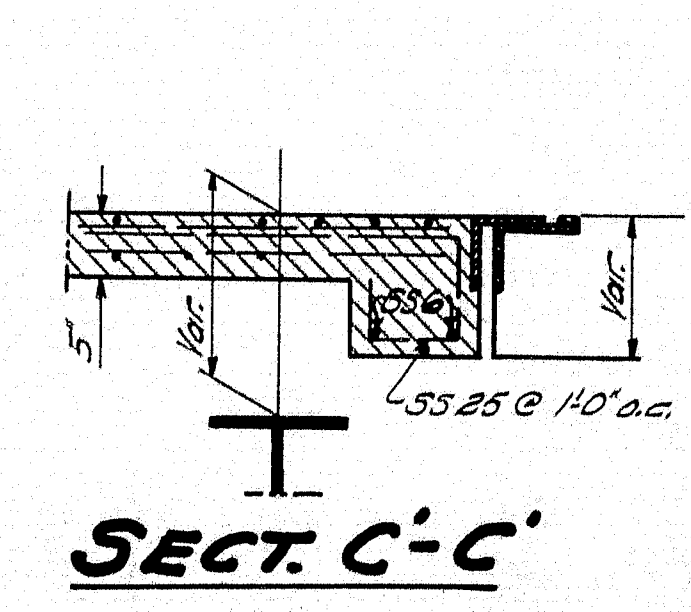
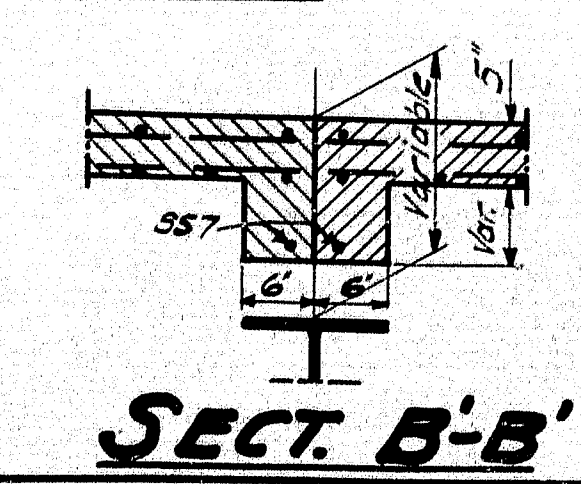
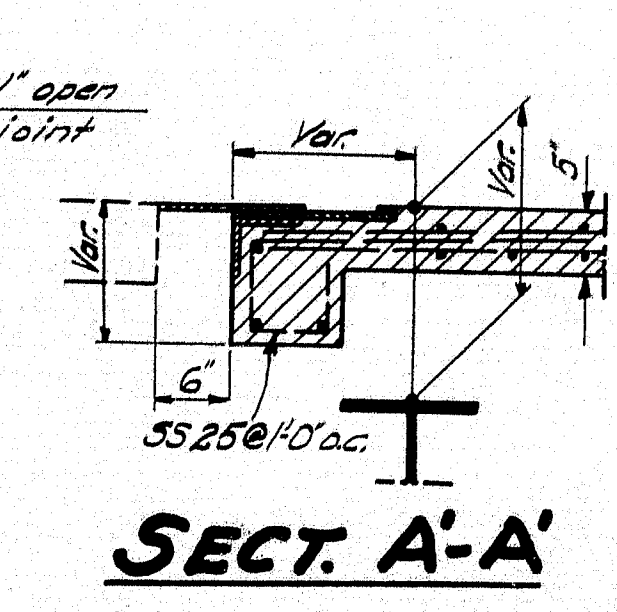
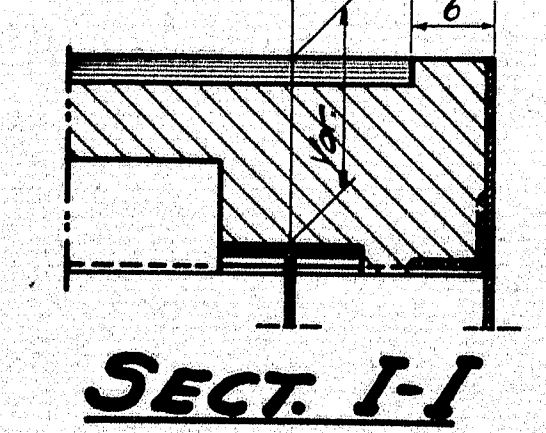
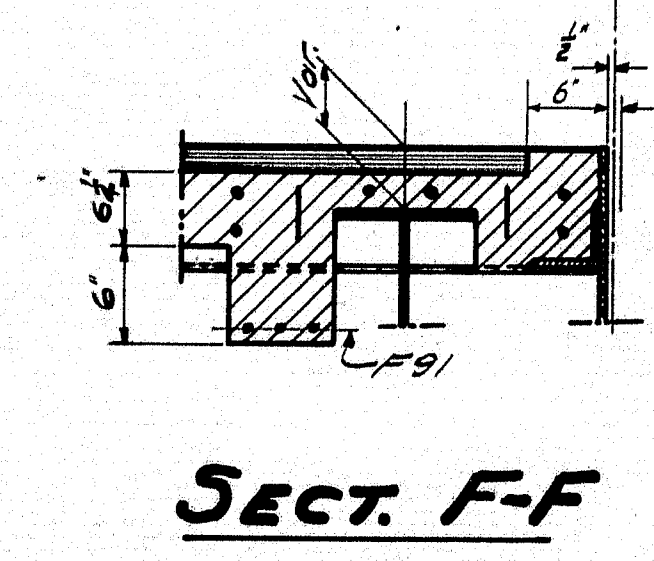
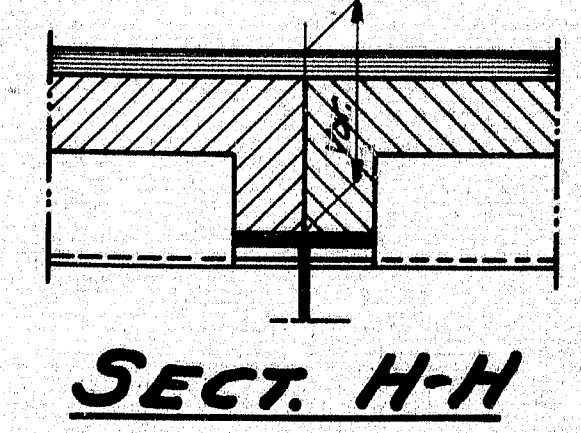
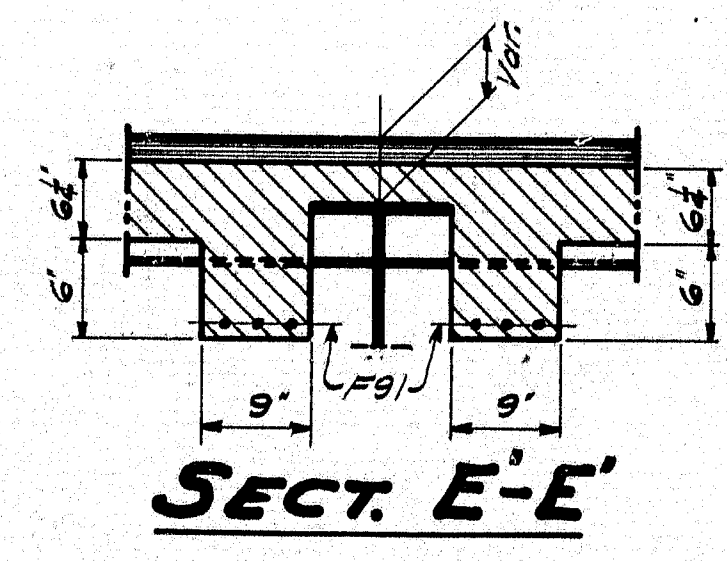
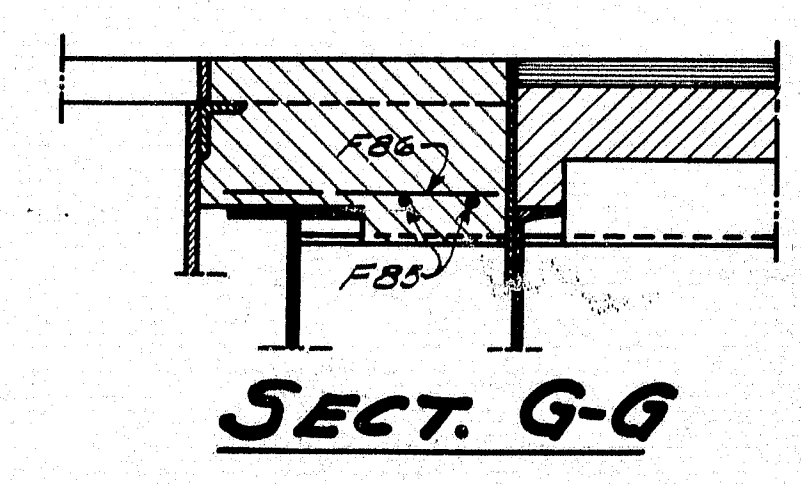
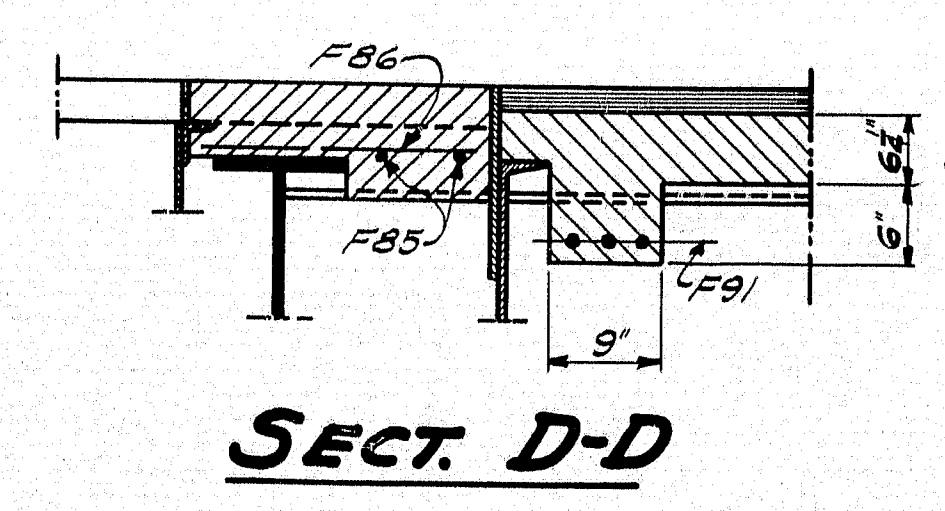
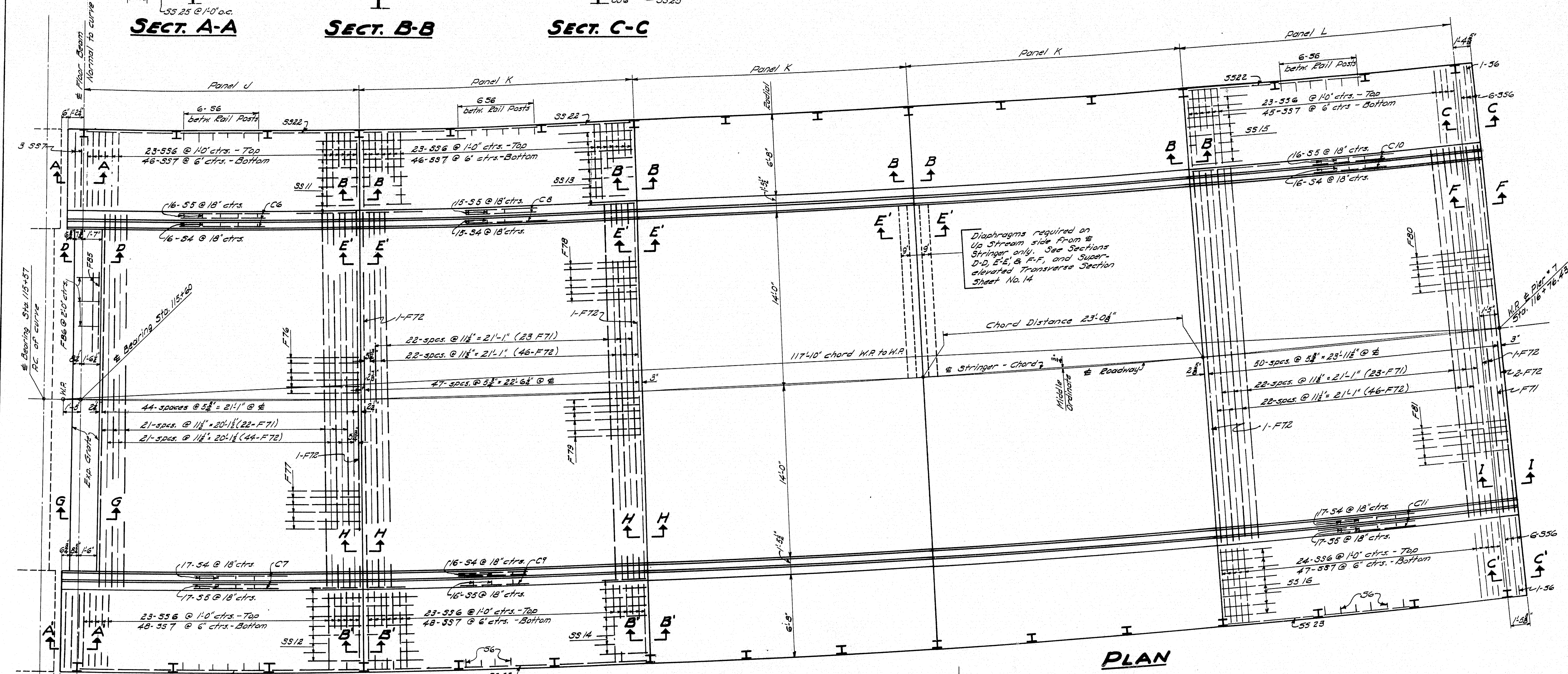
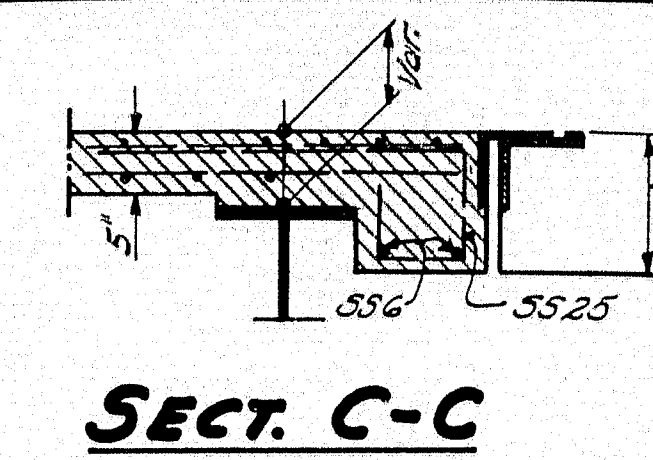
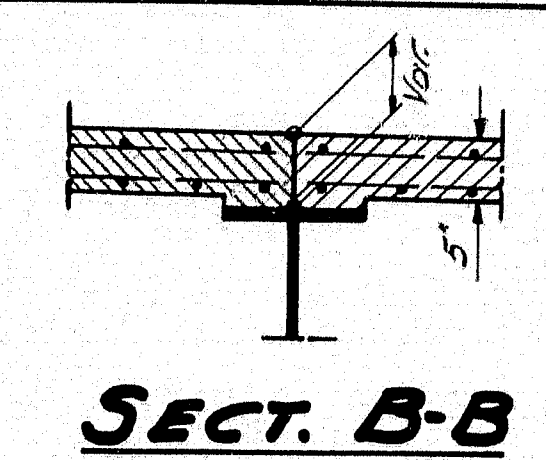
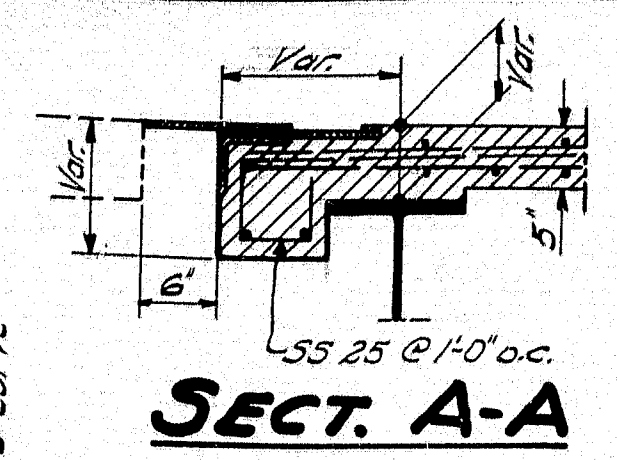
SUPERELEVATED TRANSVERSE SECT.
Panels D to M

NOTE: See sheet #16 for Sect. A-A

DESIGN - HAMILTON	TRACE - CLARK	BRIDGE - 5196
DETAIL -	CHECK - <i>old</i>	
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
AUGUSTA BRIDGE OVER THE KENNEBEC RIVER IN THE CITY OF AUGUSTA KENNEBEC COUNTY		
FLOOR DETAILS - PANEL No. I SUPERELEVATED TRANSVERSE SECTION SHEET 14 OF 19 AUGUSTA, MAINE JAN. 1949		

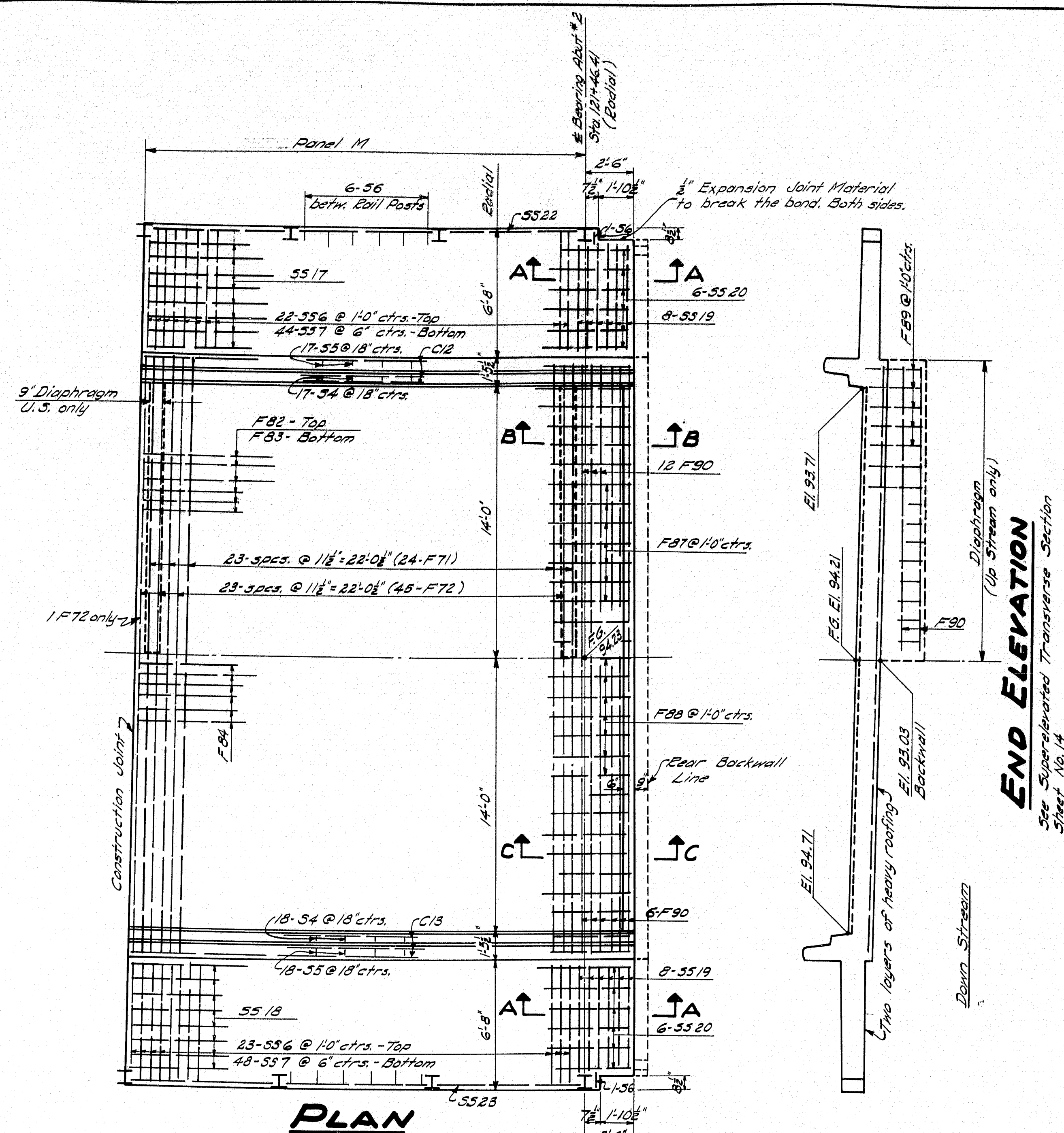


NOTE: At Expansion Joints shown in Sections A-A & C-C, the anchor lugs of Expansion Dams are to be bent in the field as necessary to clear the beam flange.

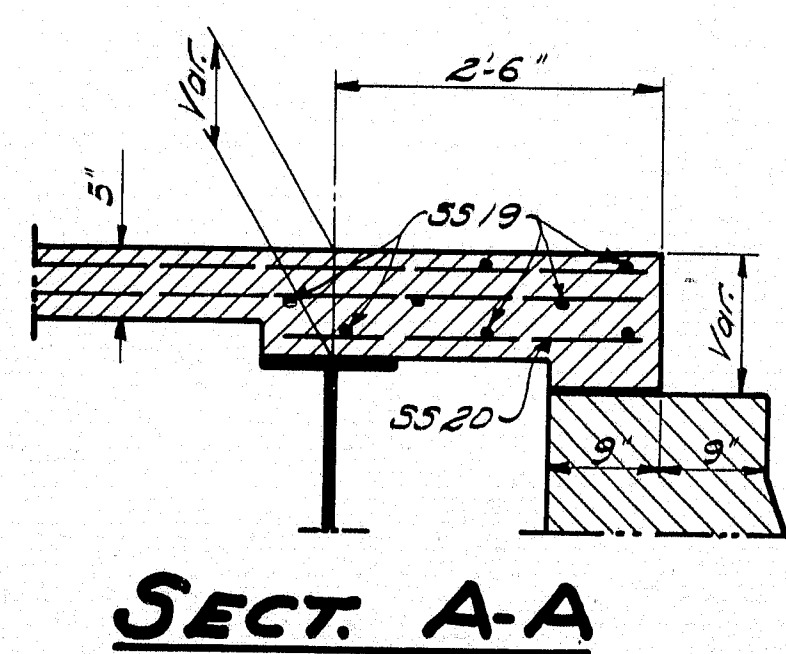


DESIGN-HAMILTON TRAGE-CLARK
DETAIL- " " CHECK- *Edw.* BRIDGE - 5196

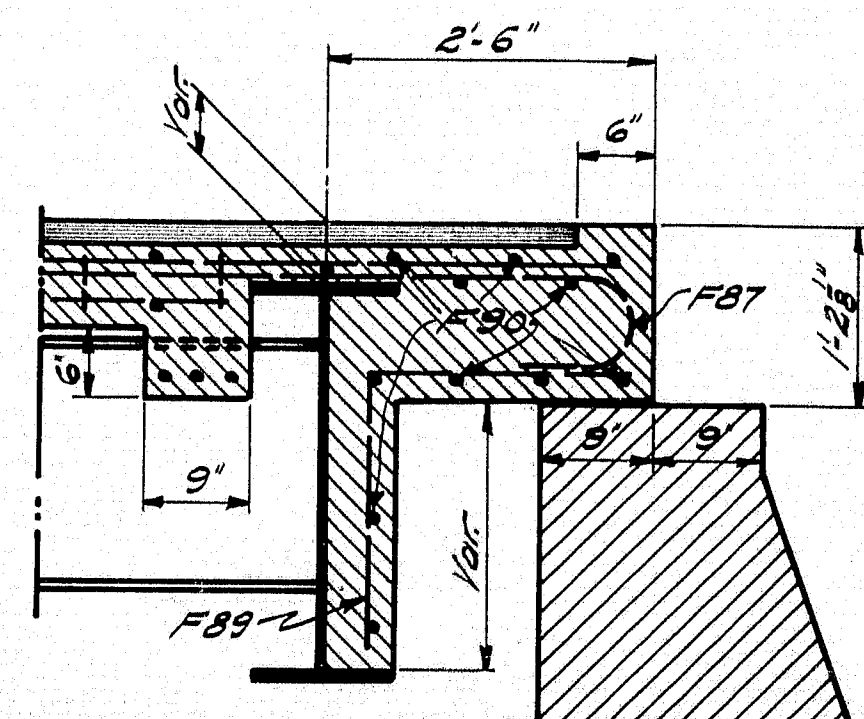
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
AUGUSTA BRIDGE
OVER THE
KENNEBEC RIVER
IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
FLOOR DETAILS
SPAN No. 7 PANELS-J-K-L
SHEET 15 OF 19 AUGUSTA, MAINE JAN. 1949



END ELEVATION
See Superimposed Transverse Section
Sheet No. 14

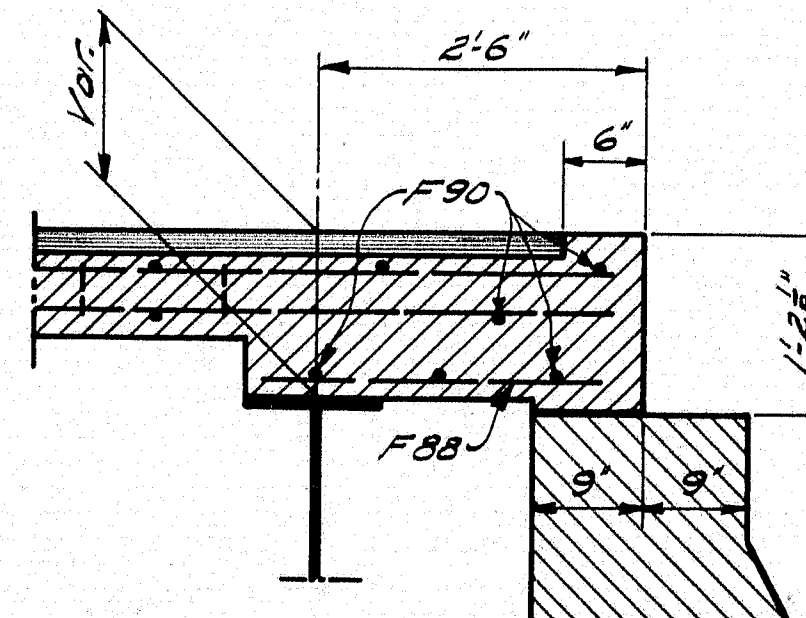


SECT. A-A



SECT. B-B

Up Stream half of floor only

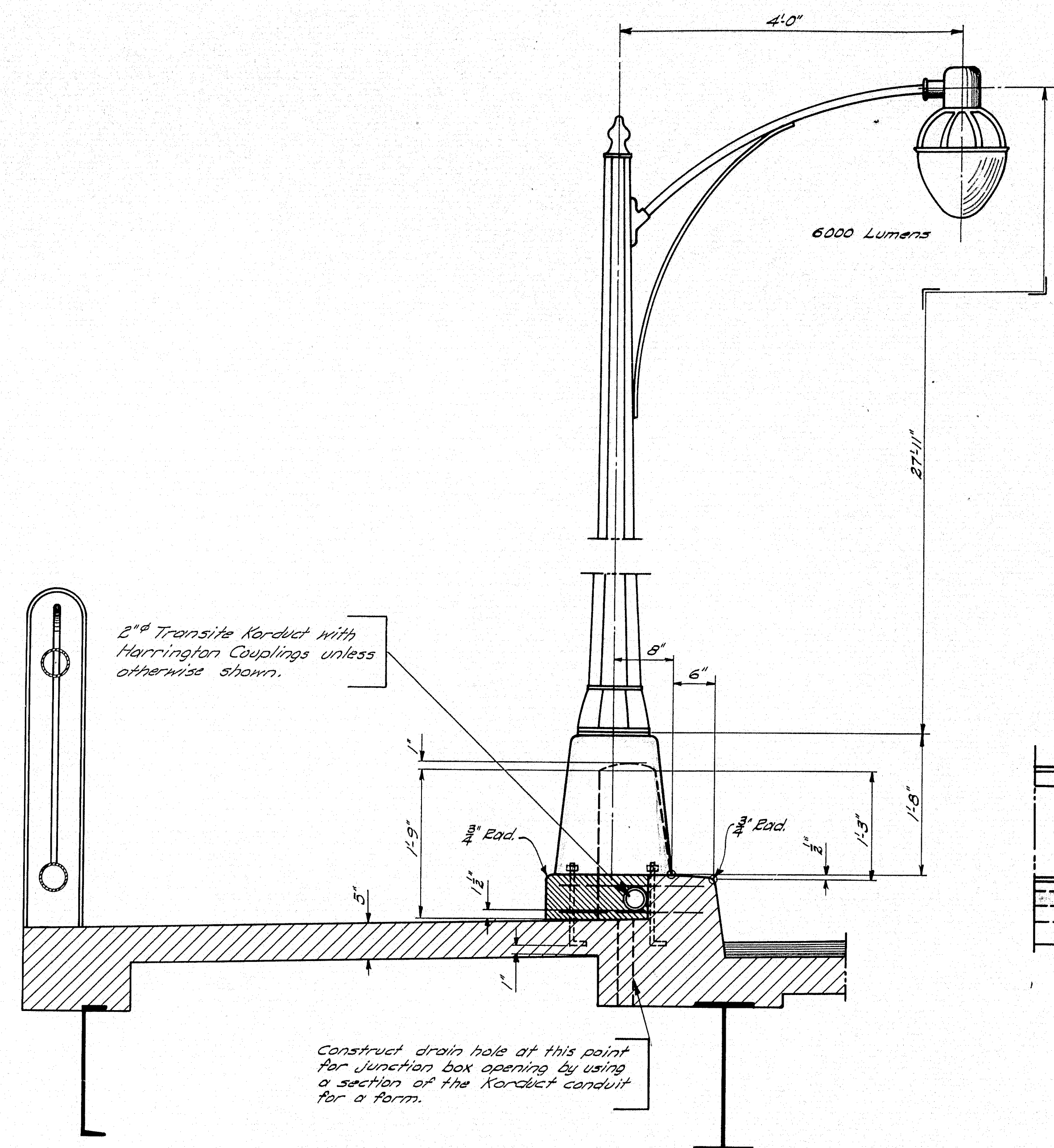


SECT. C-C

DESIGN - HAMILTON	TRACE - CLARK	BRIDGE - 5196
DETAIL - "	CHECK - <i>Clark</i>	
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
AUGUSTA BRIDGE		
OVER THE		
KENNEBEC RIVER		
IN THE CITY OF		
AUGUSTA		
KENNEBEC COUNTY		
FLOOR DETAILS		
PANEL - "M"		
SHEET 16 OF 19 AUGUSTA, MAINE JAN. 1949		

52-61

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
AUGUSTA BRIDGE
OVER THE
KENNEBEC RIVER
IN THE CITY OF
AUGUSTA
KENNEBEC COUNTY
REINFORCING STEEL
SPANS 2-3-4-5-6-7-8-9-10-11
PANELS A-B-C-D-E-F-G-H-I-J-K-L-M
SHEET 17 OF 24 AUGUSTA, MAINE JAN

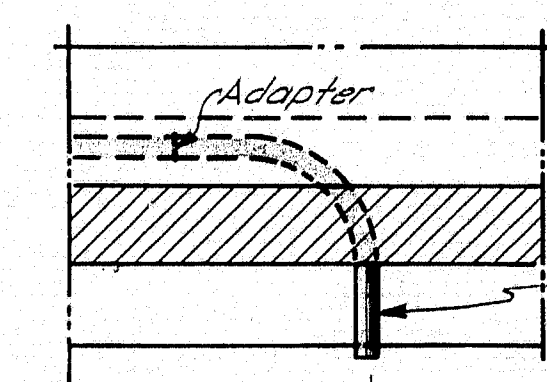
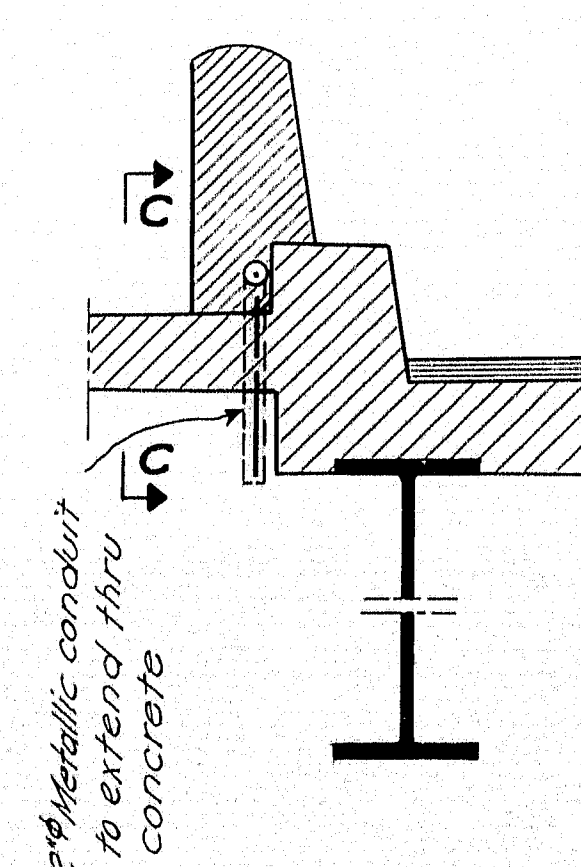


SECTION A-A

See sheet No. 9 for location of lights

Union Metal No. 6401-Y74 single light Octalflute standard, or approved equal, 16\"/>

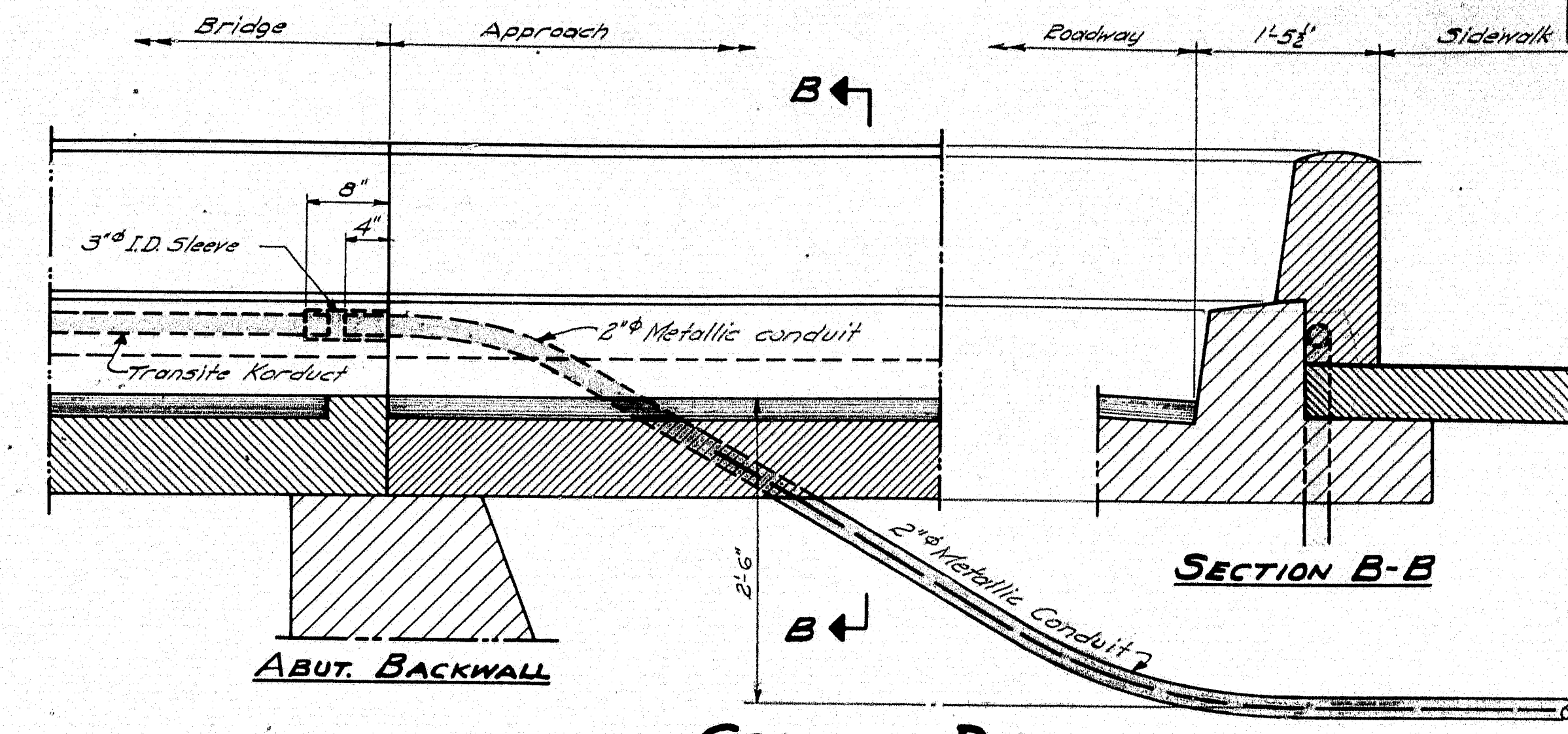
NOTE: Base, standard and bracket to be furnished by the State and installed by the Contractor. Luminaire transformer and cable to be furnished and installed by others.



SECT. C-C

End conduit @ Sta. 10+00± Both Sides

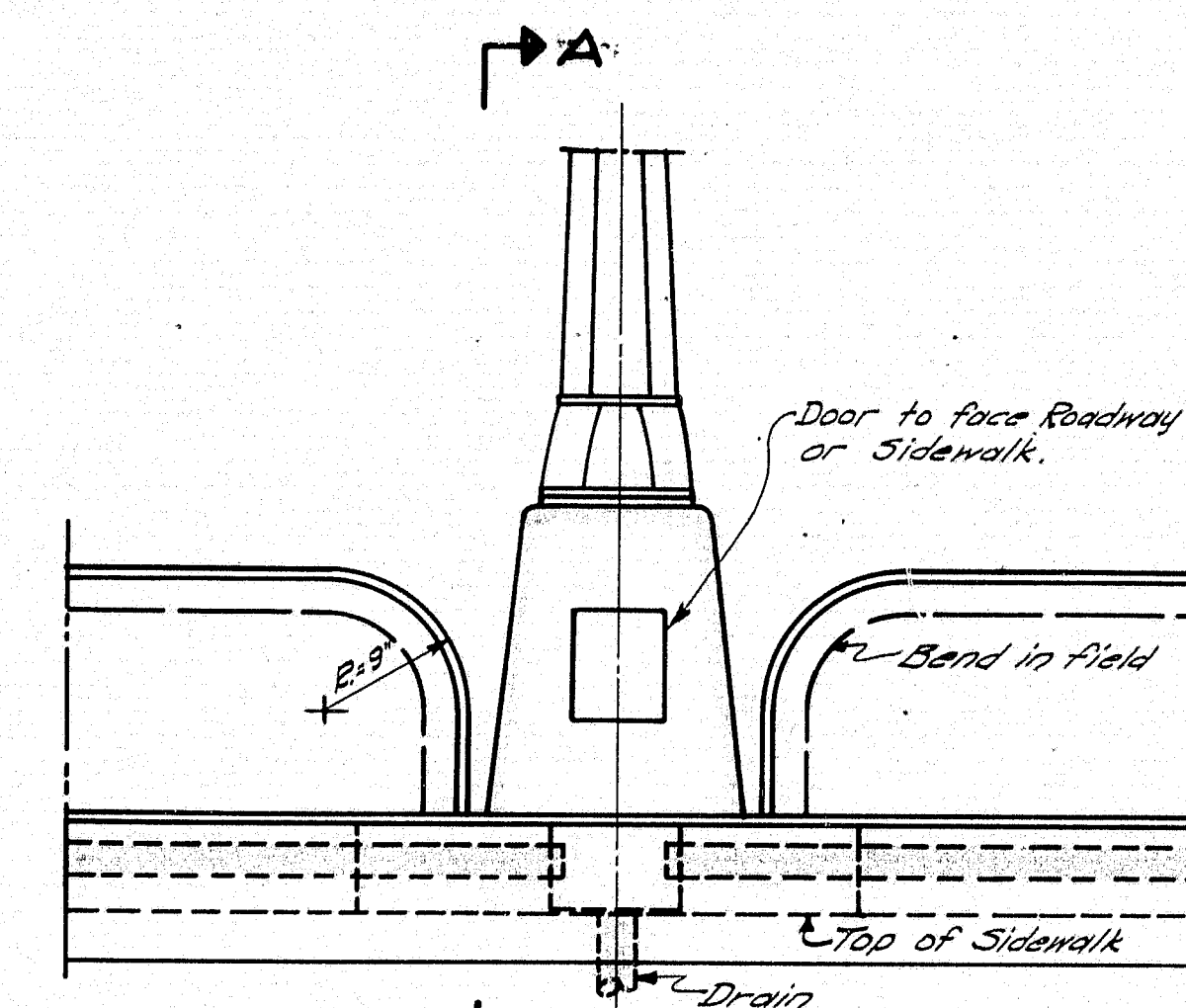
SPAN No. 1.



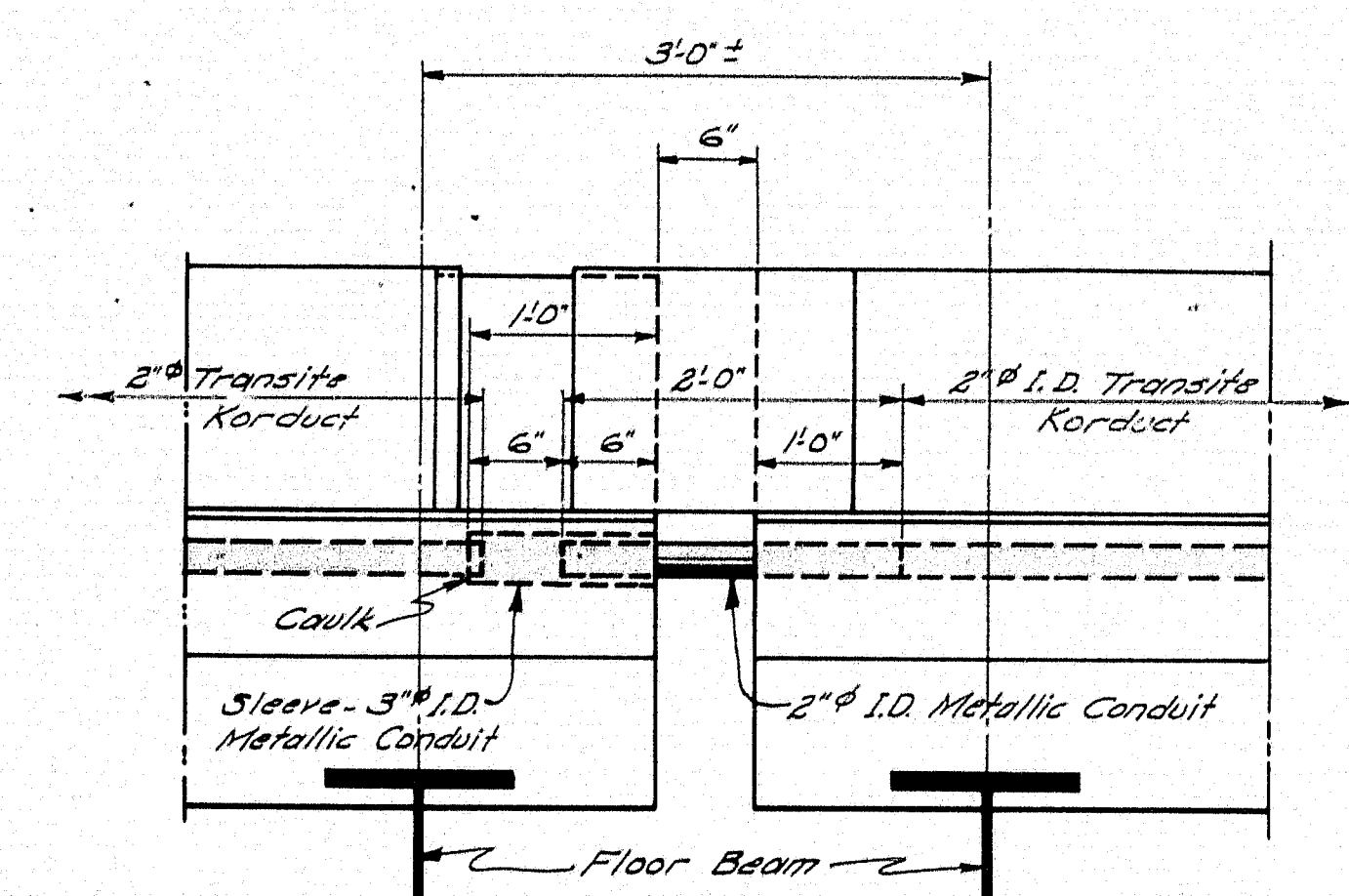
CONDUIT DETAIL

At Abutment No. 2.

Adapter required for 2\"/>

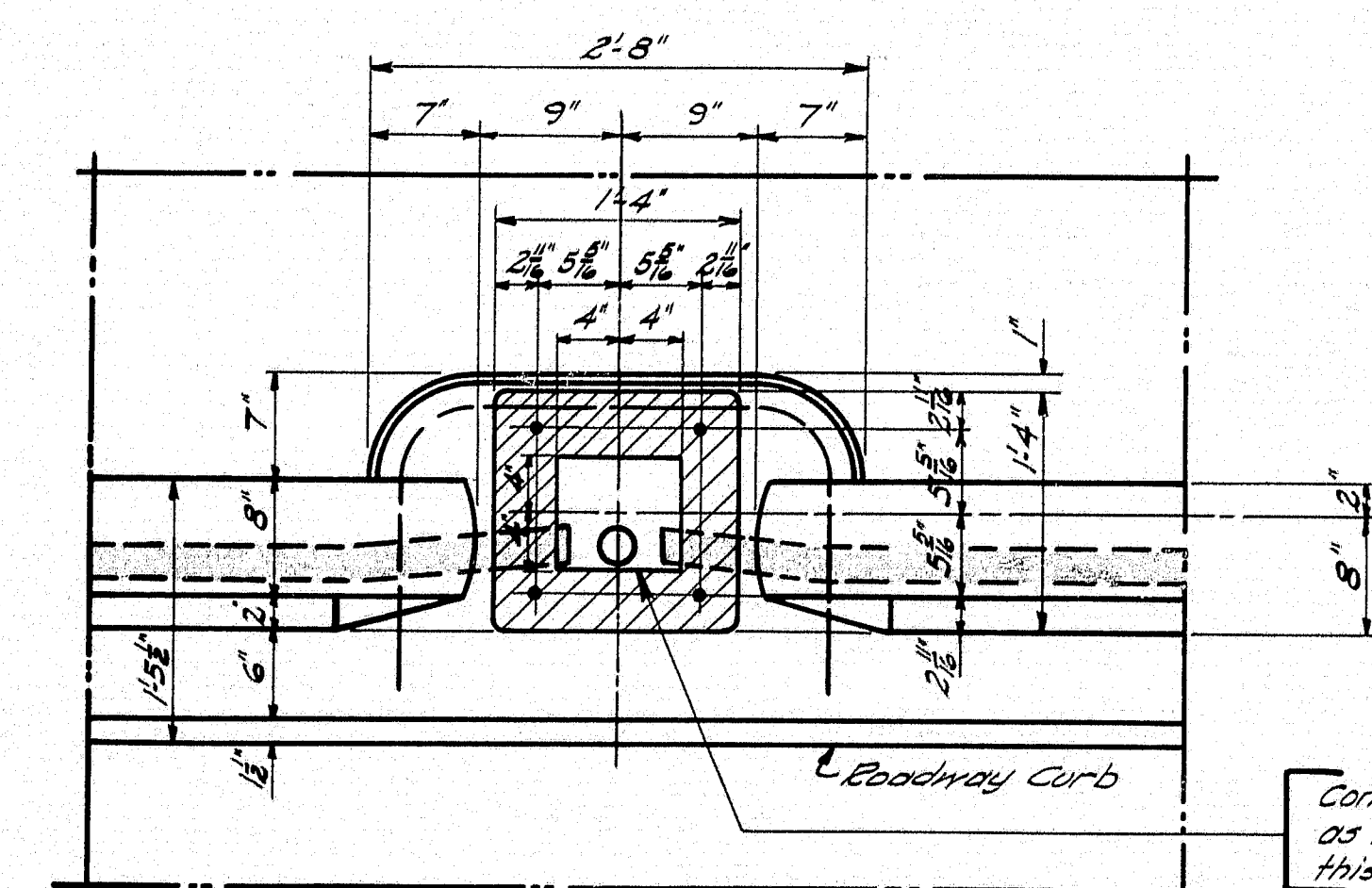


FRONT ELEVATION



DETAIL AT EXPANSION JOINTS

Similar at 1\"/>

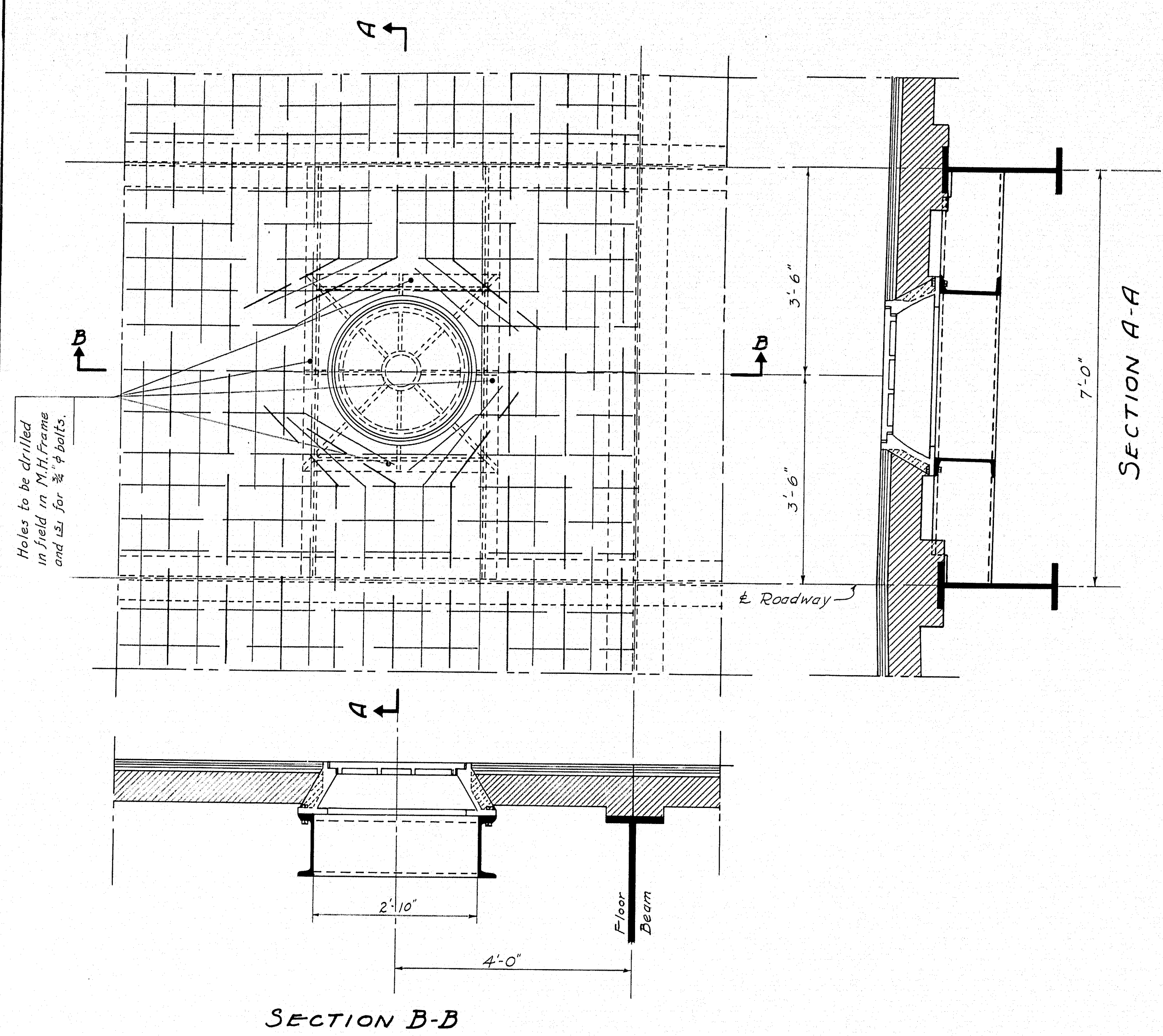


PLAN

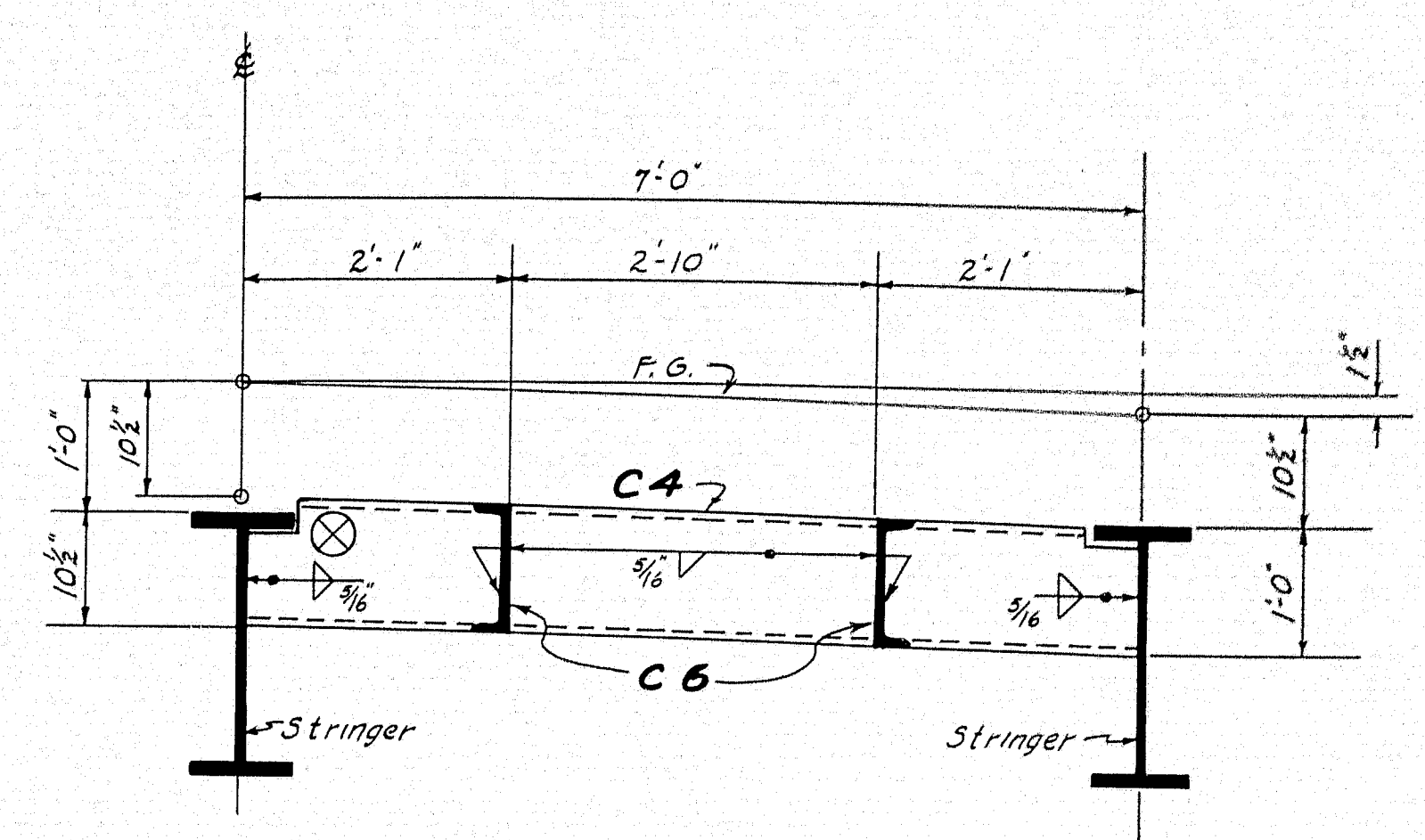
Curb steel to be bent, cut or omitted as required to construct opening for light standard. Concrete base for light standard to be cast with roadway curb.

Construct an opening in concrete base as indicated to form a junction box at this point. Drain as noted.

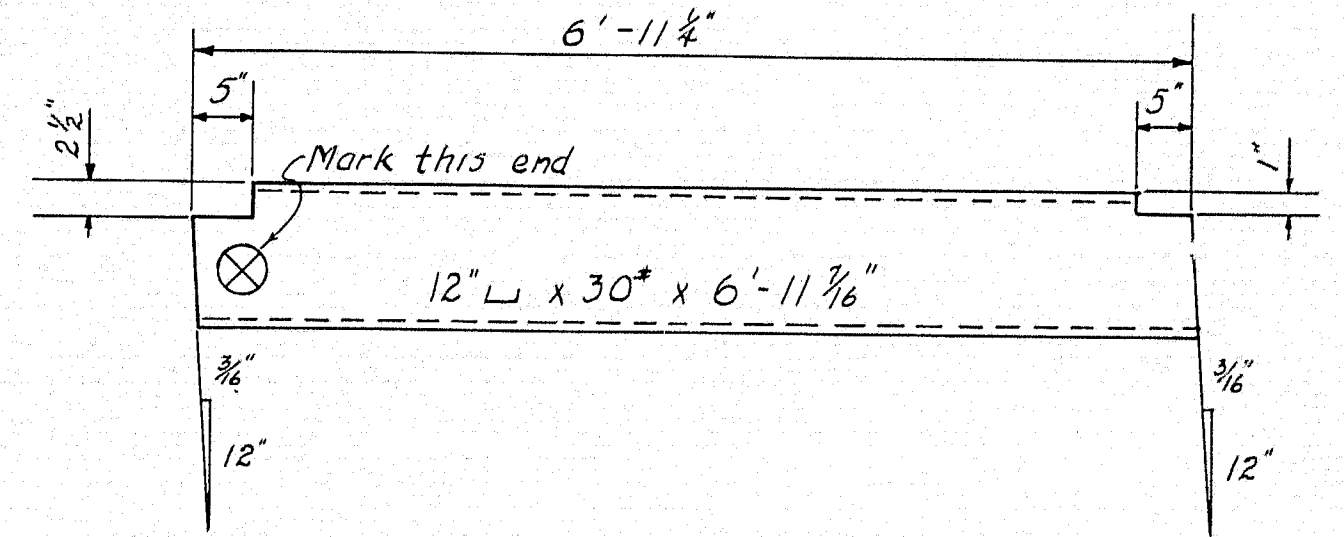
DESIGN - HAMILTON	TRACE-CLARK	BRIDGE - 5196
DETAIL - "	CHECK - CJA	
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
AUGUSTA BRIDGE OVER THE KENNEBEC RIVER IN THE CITY OF AUGUSTA KENNEBEC COUNTY		
LIGHTING DETAILS		
SHEET 18 OF 19 AUGUSTA, MAINE FEB. 1949		



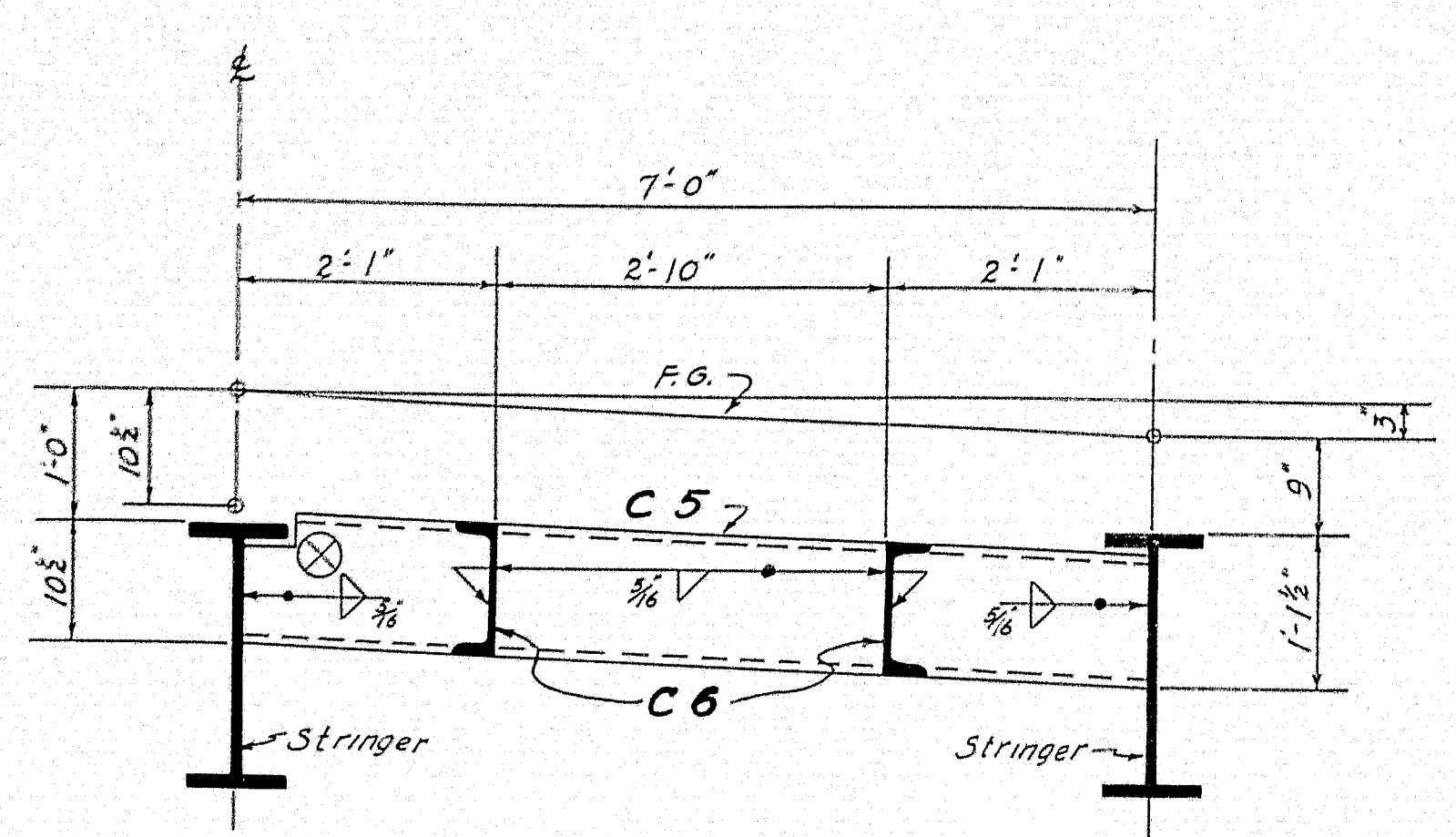
Note: Cut and bend Reinforcing Steel as indicated to clear Manhole Frame
Central Maine Power Co. Standard Manhole Frame
and Cover 26" opening.
6 - Required.



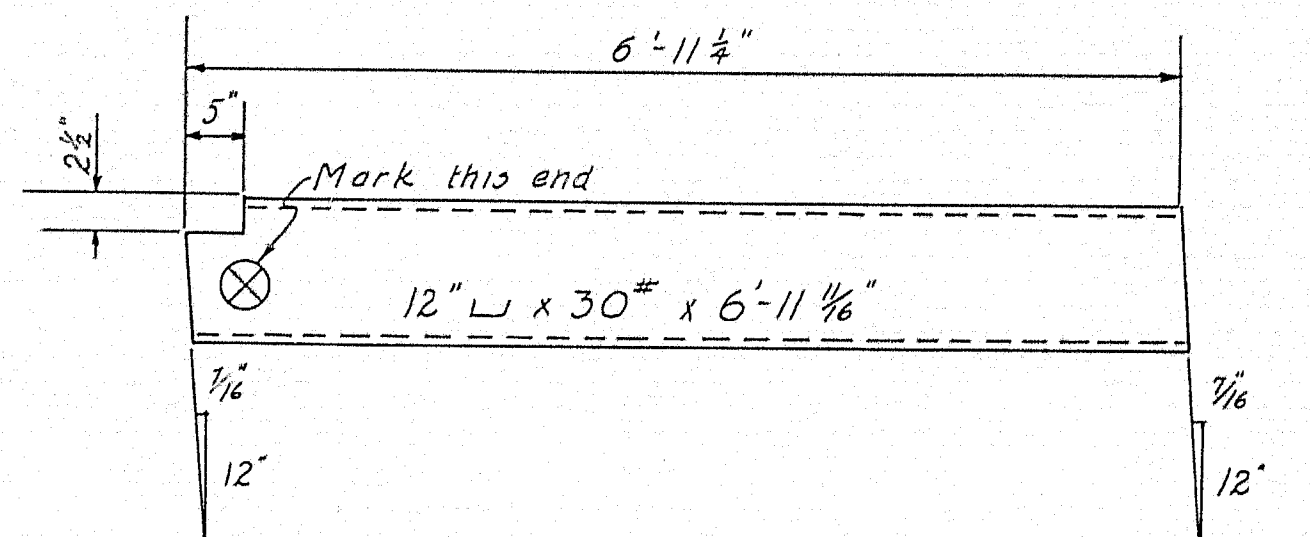
TRANSVERSE SECTION
at
PANEL "B" SPAN #2
" " " " 3
" " " " 4
" " " " 5



C.M.P. M.H. SUPPORT C4^R
C4^R as shown
C4^L opp. hand



TRANSVERSE SECTION
at
PANEL "I" SPAN #6
" " " " 9



C.M.P. M.H. SUPPORT C5^R
C5^R as shown
C5^L opp. hand

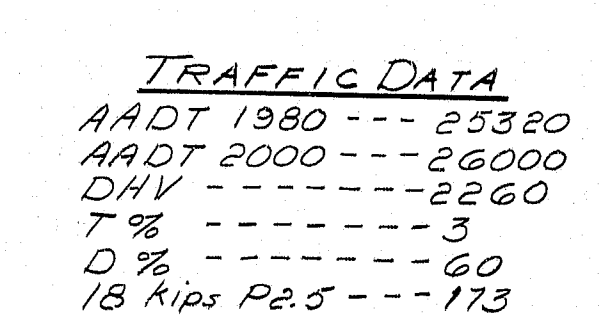
BILL OF MATERIALS			
Mark	No.	Description	Remarks
C4 ^R	4	12" L x 30" x 6'-11 1/4"	Shop Work - as shown
C4 ^L	4	Do	" " " "
C5 ^R	2	12" L x 30" x 6'-11 1/4"	" " " "
C5 ^L	2	Do	" " " "
C6	12	12" L x 30" x 2'-10"	No Shop work

Manhole Frames, Covers and Struct. Steel Supports not part of this Contract, to be furnished and Erected by others.

NOTE:
See Sheet #9 for Location of Manholes

DESIGN - HAMILTON	TRACE - FORTIER	BRIDGE - 5196
DETAIL - "	CHECK - Allen	
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
AUGUSTA BRIDGE		
OVER THE		
KENNEBEC RIVER		
IN THE CITY OF		
AUGUSTA		
KENNEBEC COUNTY		
C.M.P. Co. - MANHOLE SUPPORT DETAILS		
SHEET 19 OF 19 AUGUSTA, MAINE JAN. 1949		

1982
for order of
Hon Pauline



All material shall be Galvanized and shall conform with the applicable requirements of AASHTO M181, Type 1.

Choir Link Fabric - 2" mesh, 9 Ga.
Galvanized Pipe - Schedule 40, ASTM 100
Plates, Bars, Channels - ASTM A36
Structural Tubing - ASTM A501
Bolts - ASTM A307

[illegible][illegible]

LOCATION MAP

COMMISSIONER	DATE
<u>Richard Coleman</u>	7-24-82
CHIEF ENGINEER	DATE

NOTE

All work contemplated under this contract to be governed by and in conformity with the STANDARD SPECIFICATIONS (Revision of June 1981) and supplements thereto, except as modified on the plans and in the special provisions.

Plans of the existing bridge are available for the Contractor's reference at the Bridge Design Office in Augusta. The plans are reproductions of original drawings as prepared for the construction of the bridge and it is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.

APPROVED: _____
DIVISION ADMINISTRATOR DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AUGUSTA MEMORIAL BRIDGE
Installation of
BARRIER FENCE

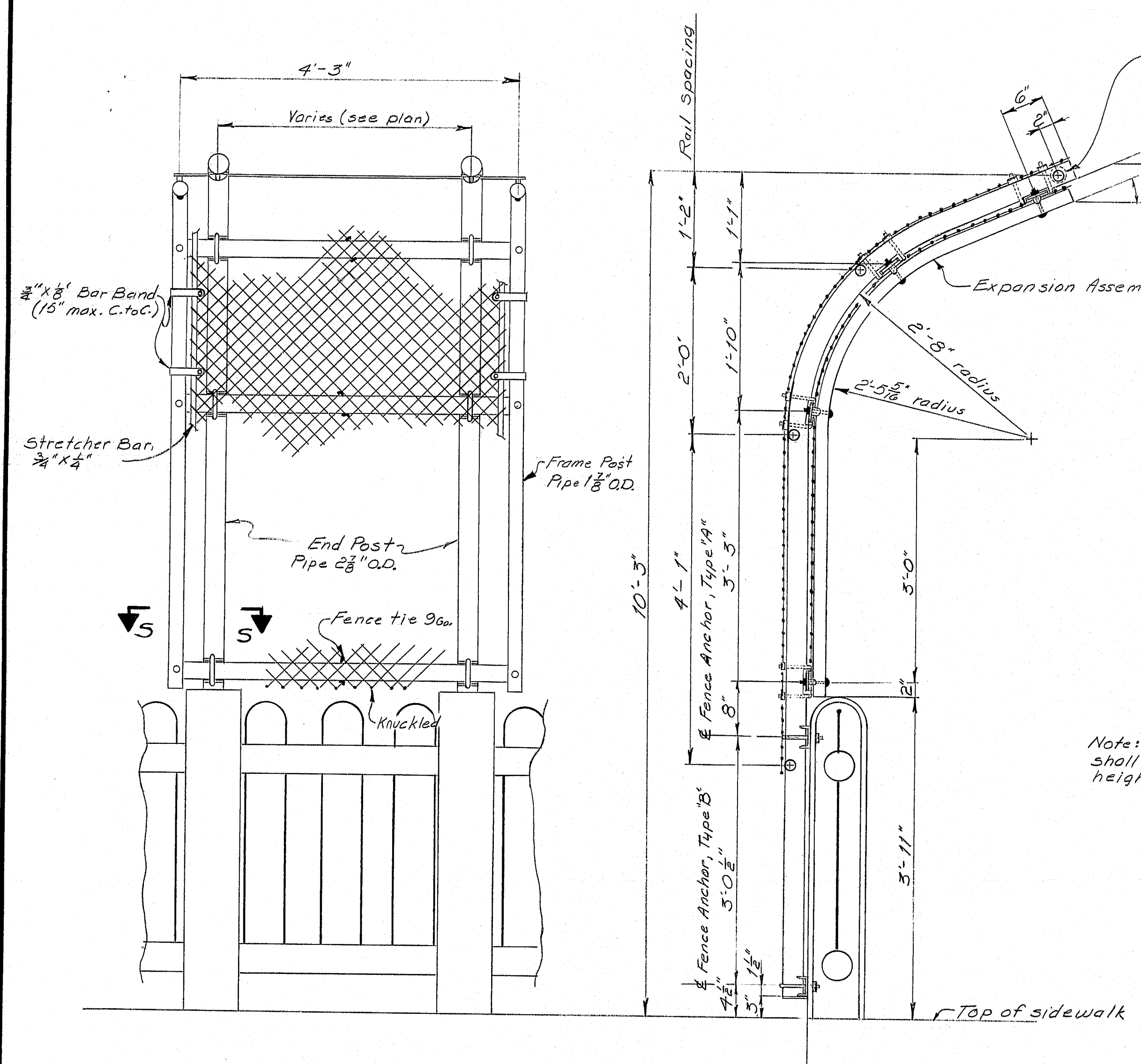
CITY OF AUGUSTA
KENNEBEC COUNTY

R93-156

SHEET 1 OF 7 AUGUSTA, MAINE

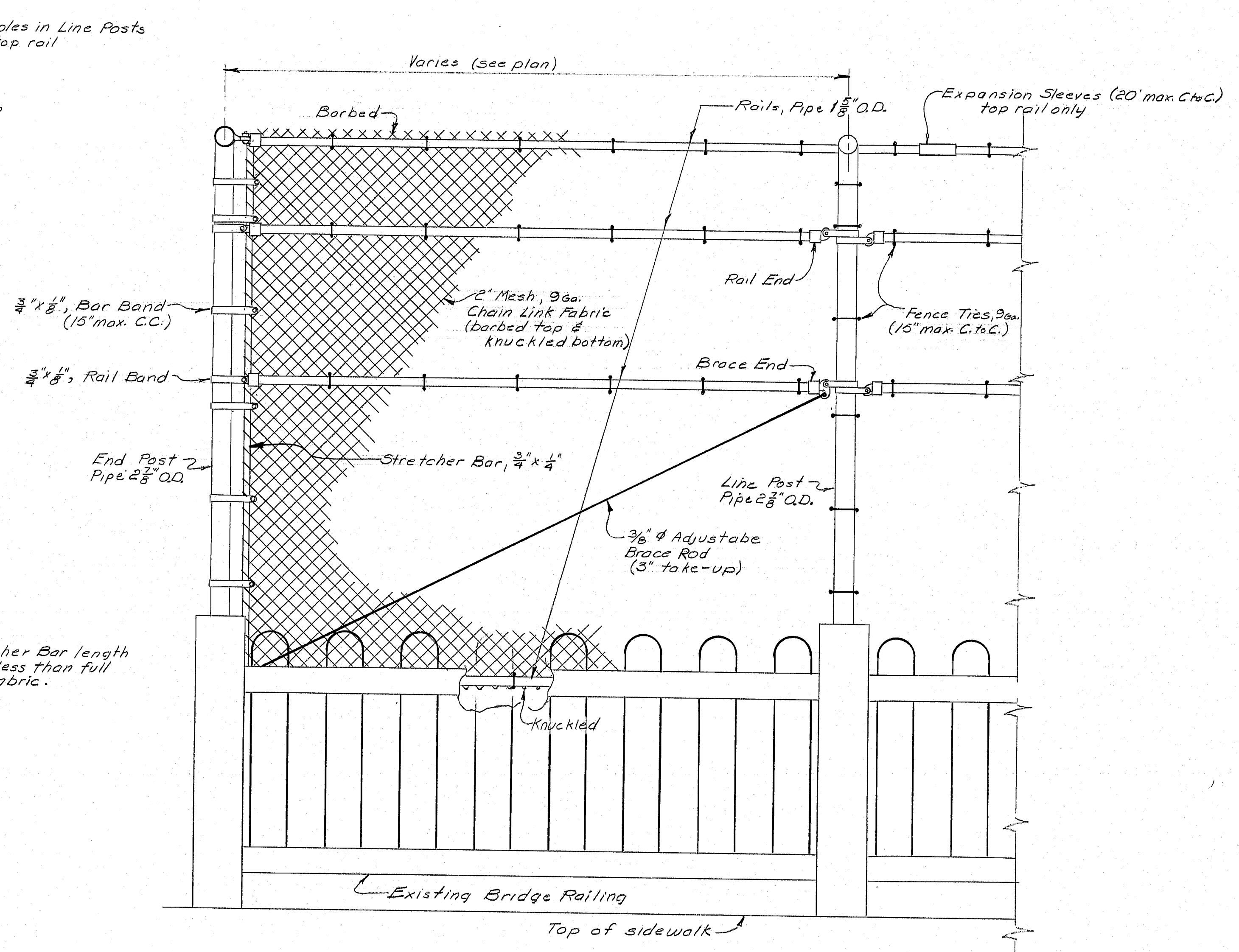
PROJECT DESIGN ENGINEER	BY	DATE
DESIGN - DETAILED	V. J. JONES	5/82
CHECKED		
REVISIONS		
FILED, CHANGES		

F.R.D. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-028-1(20)	3	10



ELEVATION EXPANSION ASSEMBLY
(@ each - install at Expansion Dams.
see General Plan for Locations)

SECTION



SIDEWALK BARRIER FENCE ELEVATION

PROJECT DESIGN ENGINEER	DATE
DESIGN - DETAILED	3/22
REVISIONS	
FIELD CHANGES	

BRUNING 44-132-45710

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AUGUSTA MEMORIAL BRIDGE
Installation of
BARRIER FENCE
CITY OF AUGUSTA
KENNEBEC COUNTY

SIDEWALK BARRIER DETAILS

R93-158