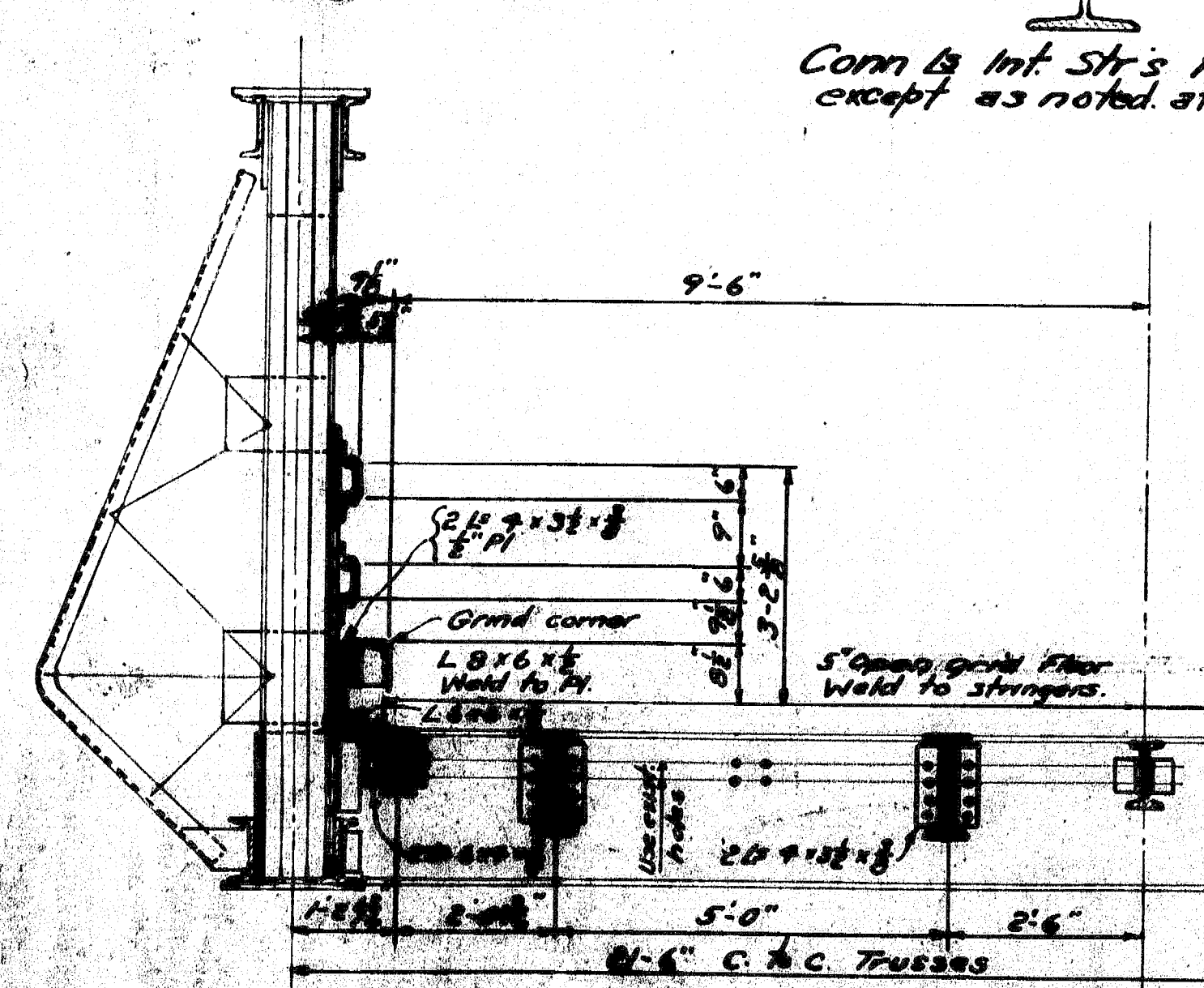
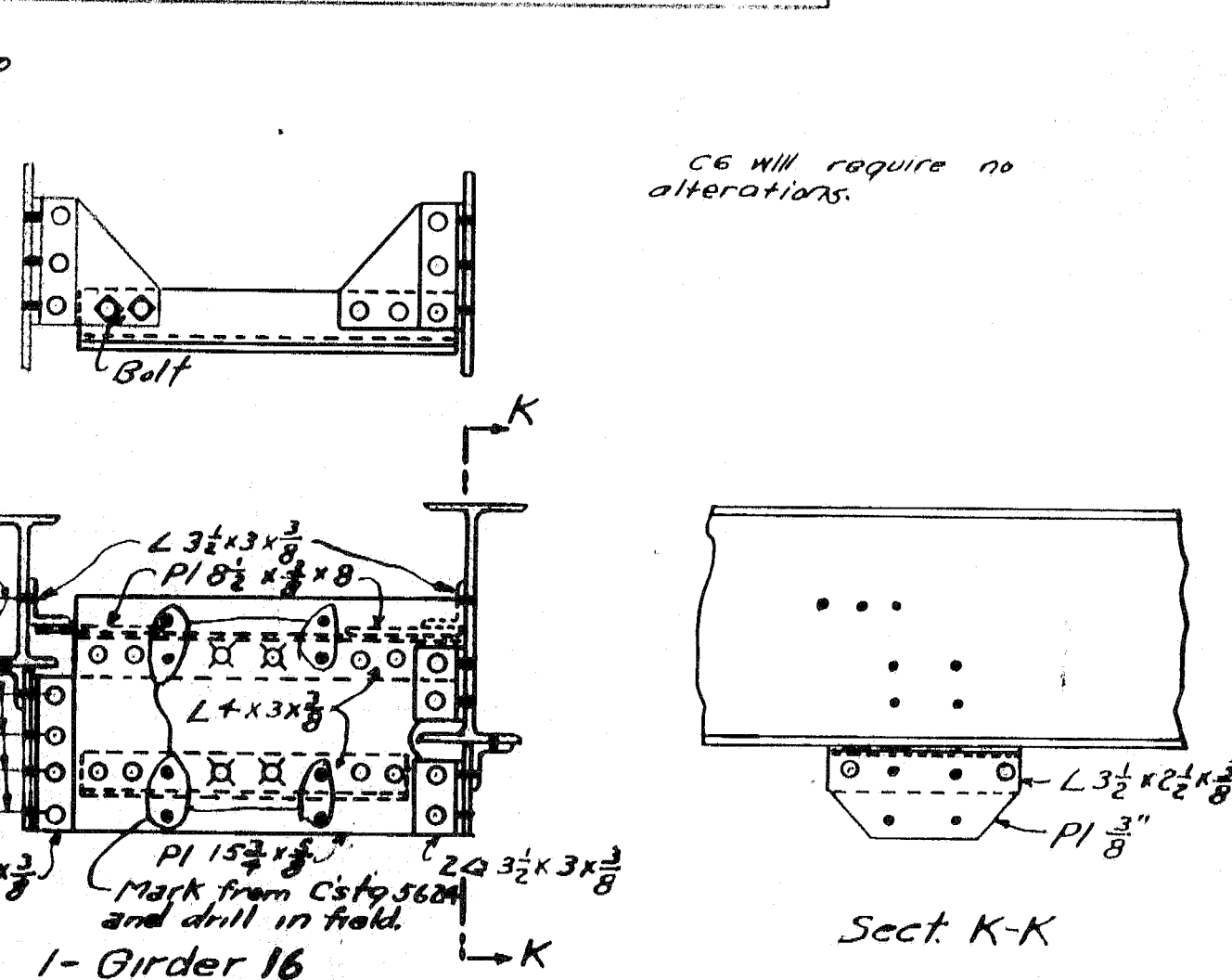
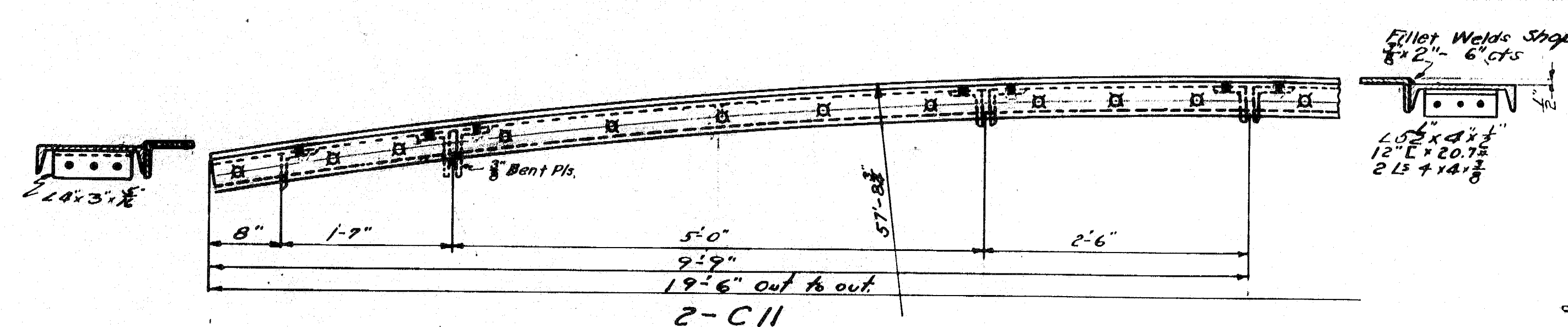
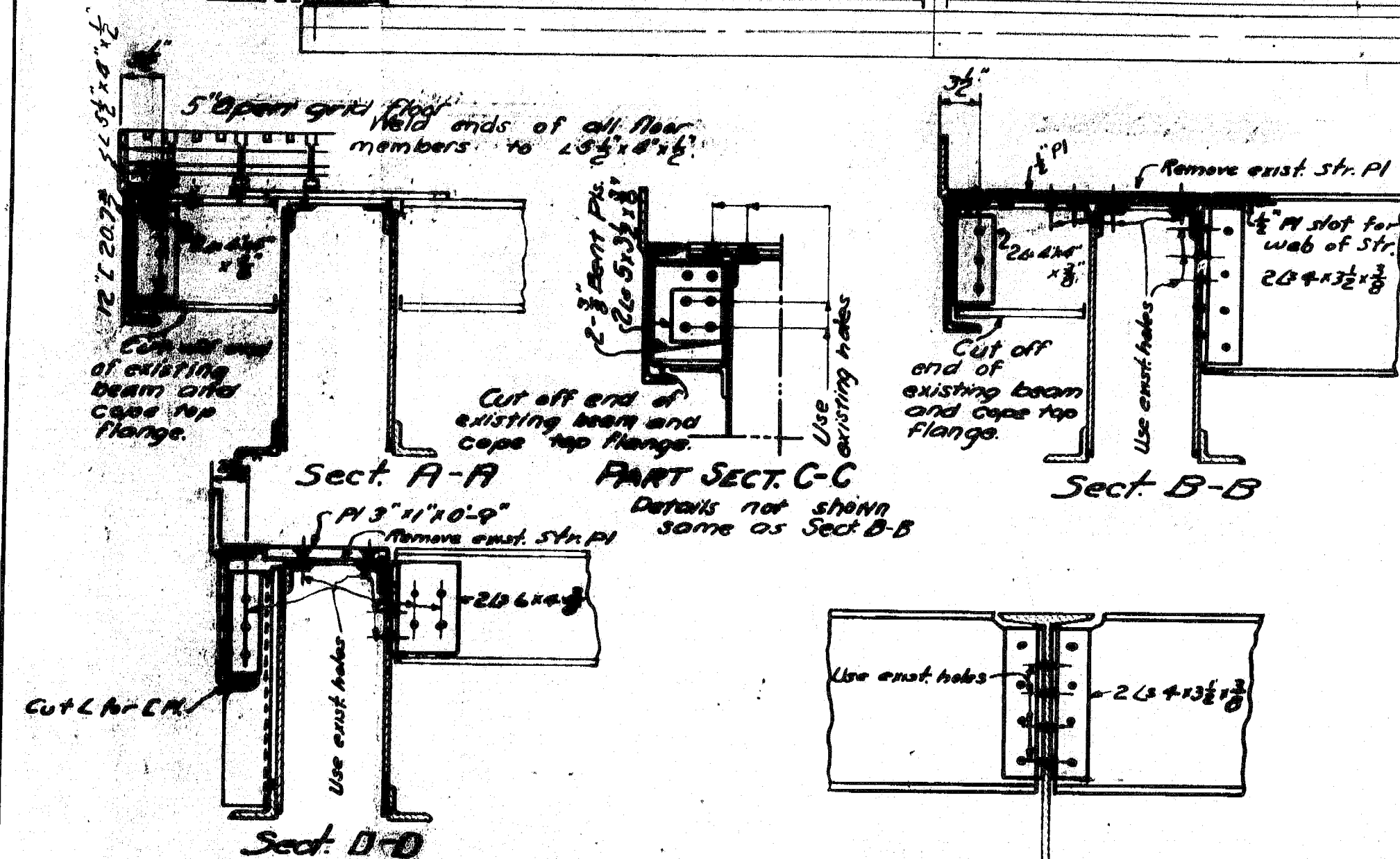
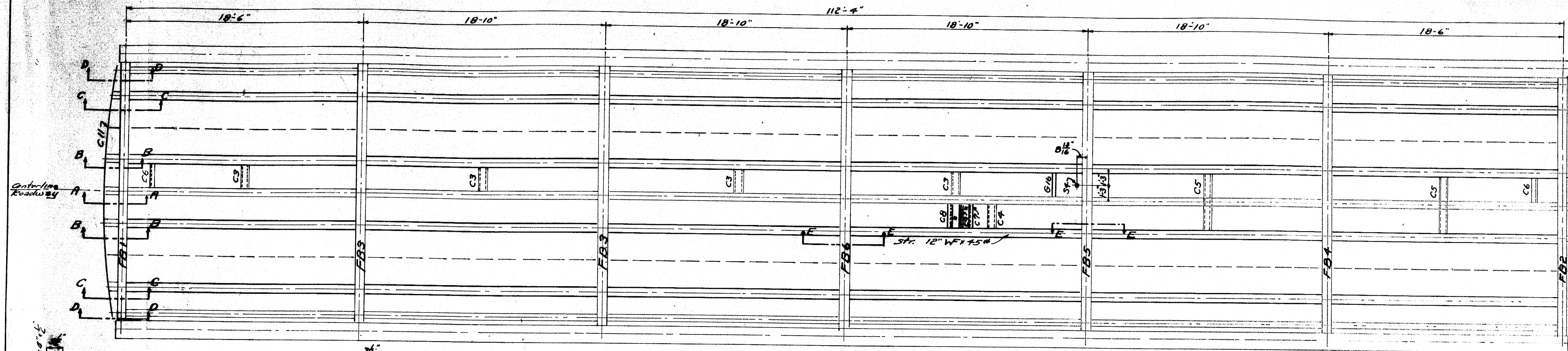
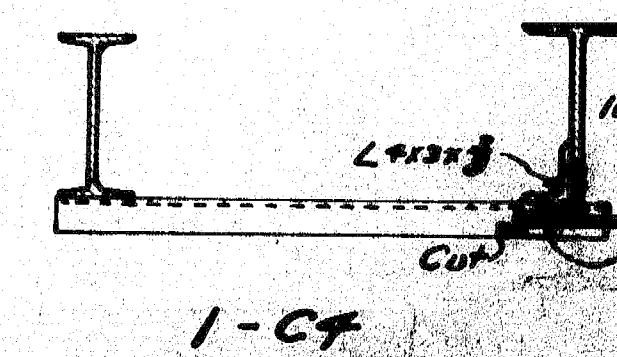
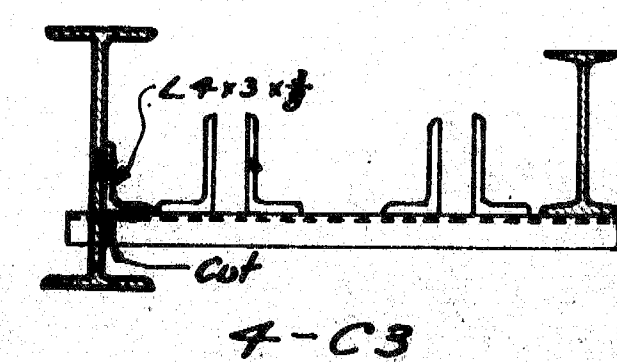


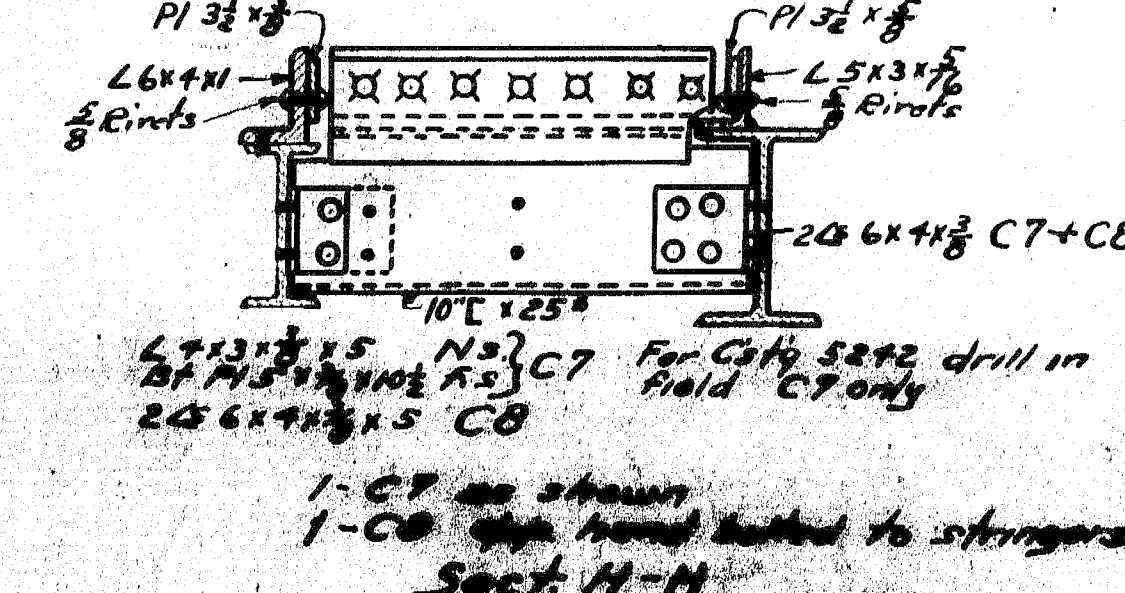
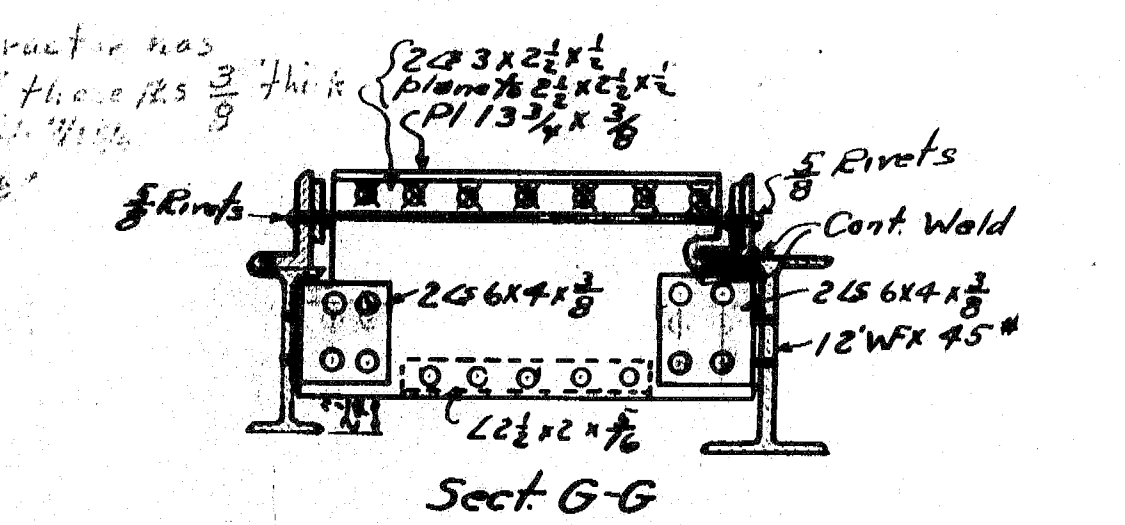
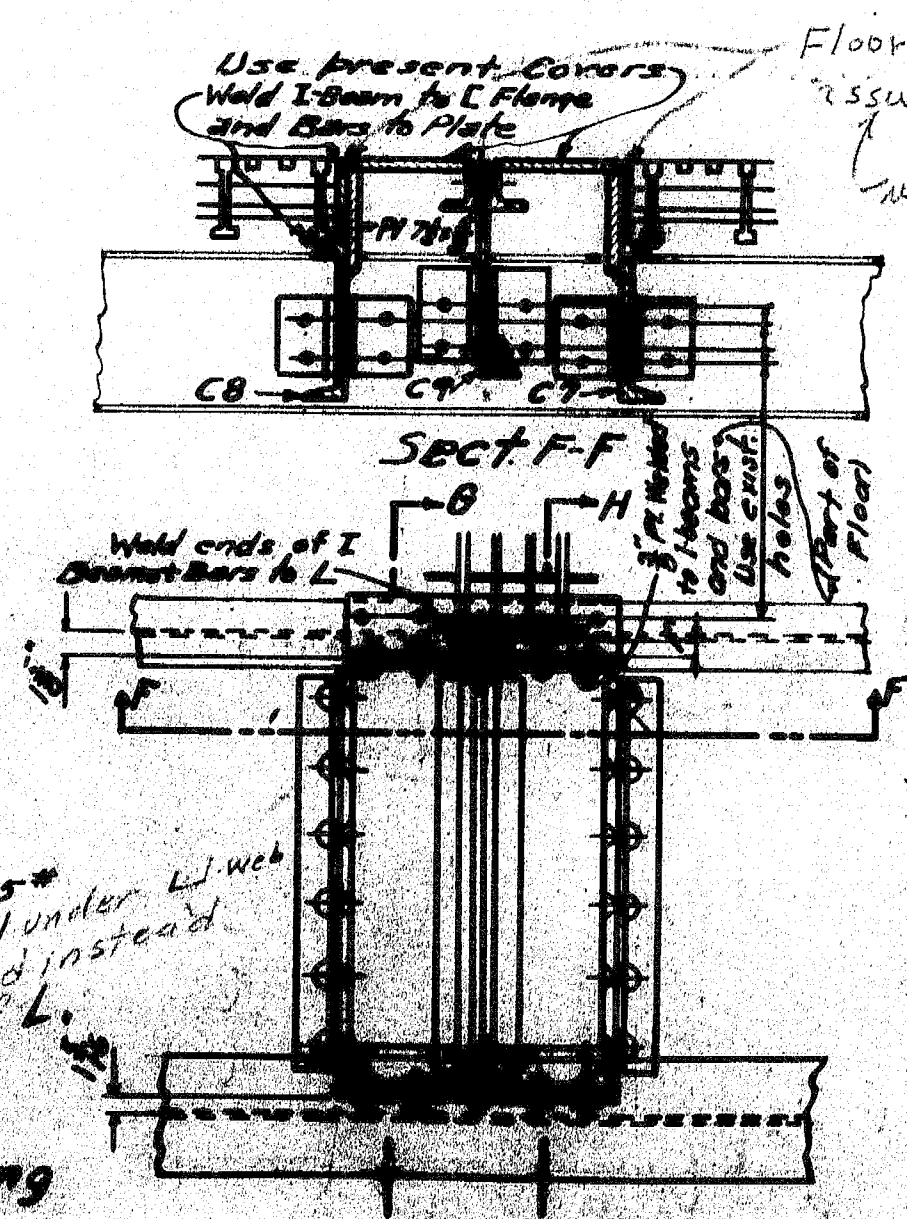


Conn B Int. Str's to Int. Pl. Beams except as noted at Sect. E-E

Conn B Ext. Str's to Int. Pl. Beams



This Contractor is furnishing the Steel Grid Floor only. Structural steel and other materials will be furnished by the Contractor.



Capstan Plate above S4. The capstan plate shall be furnished with and be a part of the grid floor.

Steel Grid Floor Contractor Note

Plan L.J.B.	Town	2591
Checked E.A.	Bridge	
STATE HIGHWAY COMMISSION		
BRIDGE DIVISION		
MOUNT DESERT BRIDGE		
OVER		
MOUNT DESERT NARROWS		
in the town of		
TRENTON		
HANCOCK COUNTY		
STEEL DETAILS		
Sheet 1 of 2 August, Mo. March 1940		

AMERICAN BRIDGE COMPANY

LINE NO.	ACTUAL NUMBER REQD.	NO. SHIPPED	DIAM.	RIVETS		LENGTH UNDER HEAD	BOLTS				GRIP	CALCULATOR TOTAL	SHIPMENTS
				FLAT	HEX		HEAD	NUT	WASHER	TYPE OF DOLT			
1													
2	28	38	3/4	2							58	144	
3	252	278	3/4	28							34	108	
4	18	25	3/4	28							1	11	
5	400	440	3/4	22							18	189	
6	189	210	3/4	3							1 1/2	105	
7	40	50	3/4	38							24	30	
8													
9													
10													
11	32	42	3/4	134							1	14	
12	32	42	3/4	238							1 1/2	18	
13	40	50	3/4	22							1 1/2	22	
14												511	
15													
16	28	34	5/8			1 1/2	Hex	Hex		Ord.	58	11	
17													
18													
19	108	118	3/4			1 1/2	Hex	Hex		Ord.	58	54	
20	226	238	3/4			1 1/2					34	117	
21	120	130	3/4			2					1	68	
22	96	104	3/4			2 1/2					14	57	
23	10	13	3/4			2 1/2					1 1/2	18	
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44													
45													
46													

PAINT

CONTACT SURFACES

REVISIONS

MADE BY *AMC* DATE *1-15-49*

CHECKED BY

DRAWING

IN CHARGE OF

ORDER No.

J4937

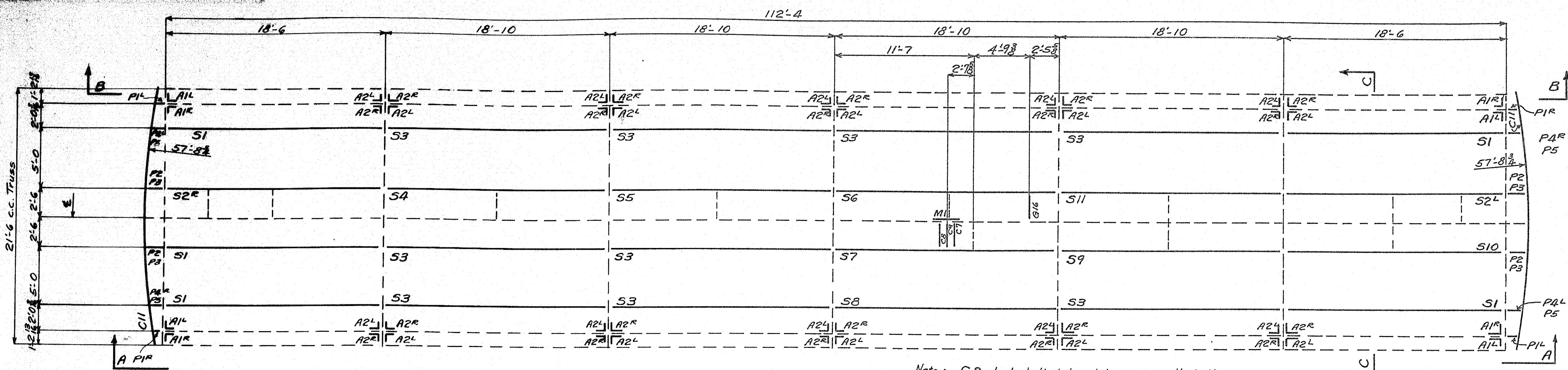
SHEET No.

C1

NAME OF STRUCTURE
Mount Desert Bridge - over Mount Desert Narrows - Trenton - Maine

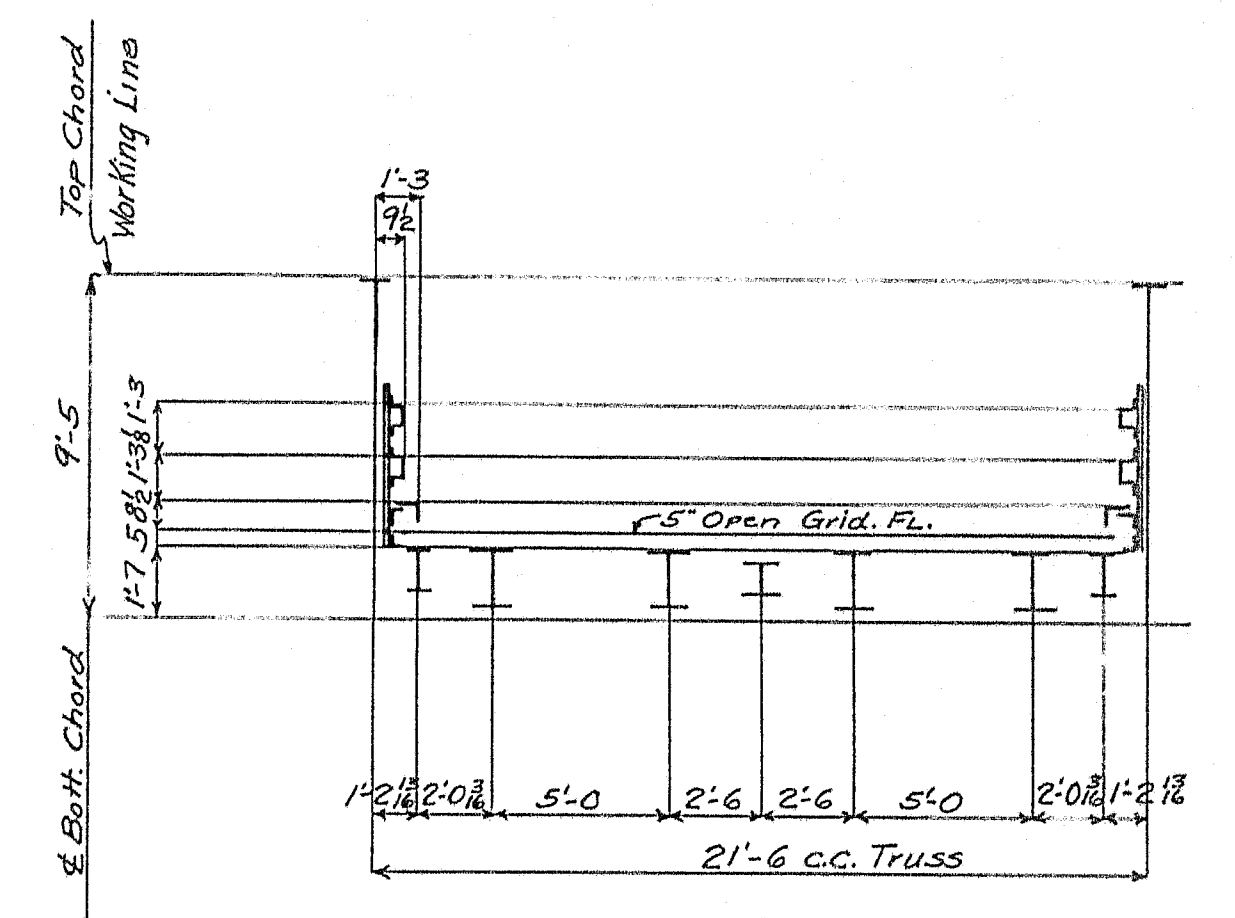
46-3

0 1 2 3 4 5 INCHES

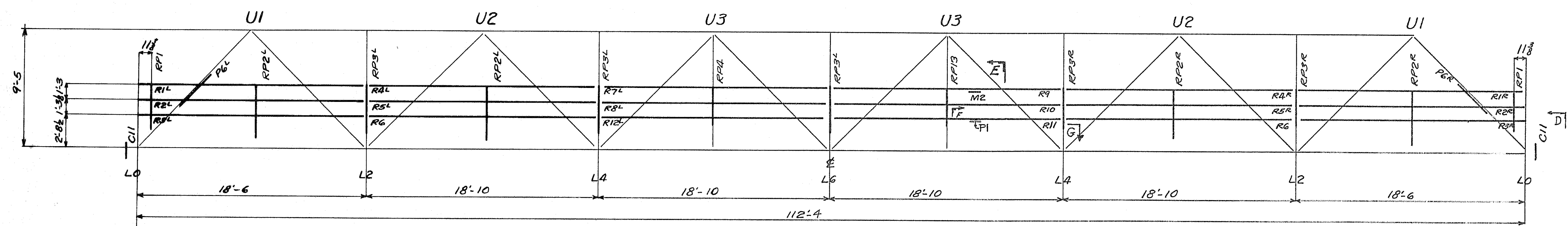


Note: C8 to be bolted to stringers so that it may be taken out when main shaft has to be removed.

ERECTOR PLAN

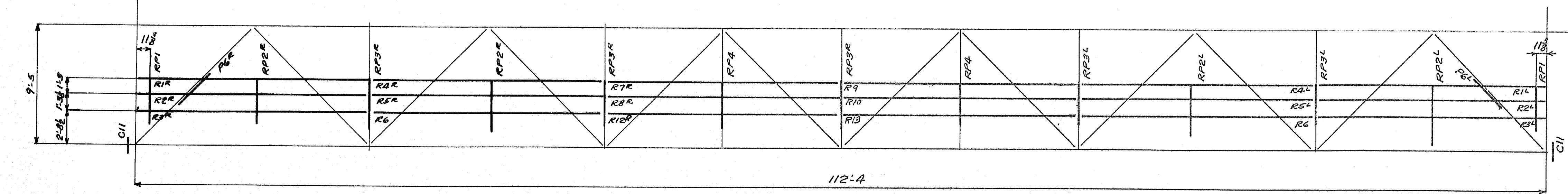


SECT. CC

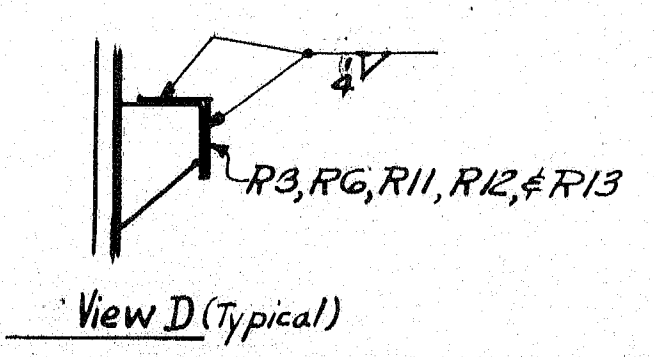


Note to Erector-Use R2 as a template to locate L2d (on R2). Then remove R2 (and P6 if placed) and bolt L2d.

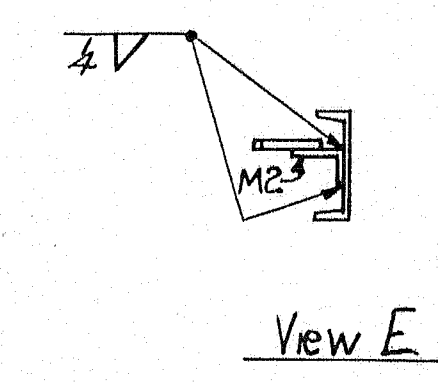
SECT. AA



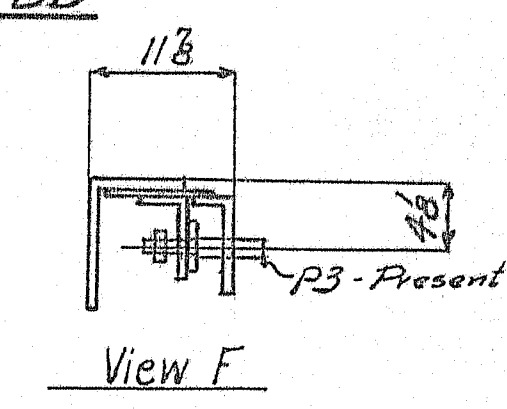
SECT. BB



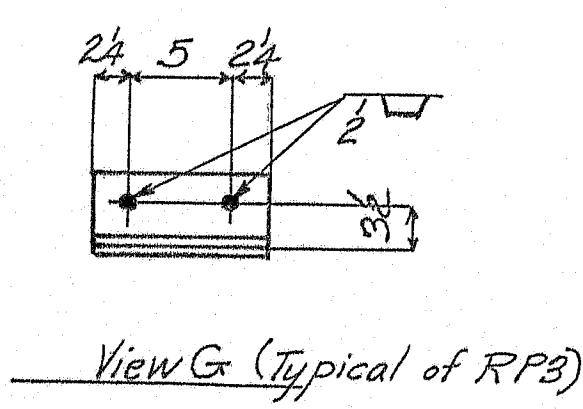
View D (Typical)



View E



View F



View G (Typical of RP3)

All members to be erected with the marked ends placed as shown on this plan.
Field connections for railing bolted, all other connections riveted except as noted.

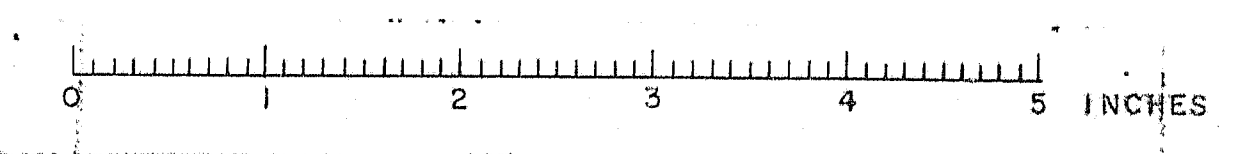
MOUNT DESERT BRIDGE
OVER
MOUNT DESERT NARROWS
TRENTON, MAINE

AMERICAN BRIDGE COMPANY
UNITED STATES PAT. 2,100,000-10 6-22-48

DRAWINGS MADE AT AMBRIDGE PLANT
WORK FABRICATED AT AMBRIDGE PLANT
IN CHARGE OF WHEELER D.R.#3
DRAW. MADE BY D.B.R.-B.M.G. DATE 3-11-48
DRAW. CHECKED BY L.W.M. DATE 4-27-48

REVISIONS	ORDER No.	SHEET No.
F	J4937	E1
E		
D		
C		
B		
A		

46-4





D
E
F

MOUNT DESERT BRIDGE
OVER
MOUNT DESERT NARROWS

TRENTON, MAINE

AMERICAN BRIDGE COMPANY
UNITED STATES PATENT OFFICE REGISTERED DESIGNER

Holes $\diamond \begin{matrix} A \\ B \end{matrix}$ Unless Noted

Rivets $\diamond \begin{matrix} C \\ D \end{matrix}$ Unless Noted

F
E
D
C
B
A

PAINT: Yes
CONTACT SURFACES; No

DRAWINGS MADE AT Ambridge FL.
WORK FABRICATED AT Ambridge FL.
IN CHARGE OF WHEELER D.R.#3
DRAWN BY D.B.R.-H.F.S. DATE 9-3-60
DRAWN CHECKED BY wzm DATE 7-7-
ORDER NO. J4937 SHEET NO. 3

ORDER No. J4937 SHEET No. 3

PAINT: Yes
CONTACT SURFACES: No

6. Adv. 031

