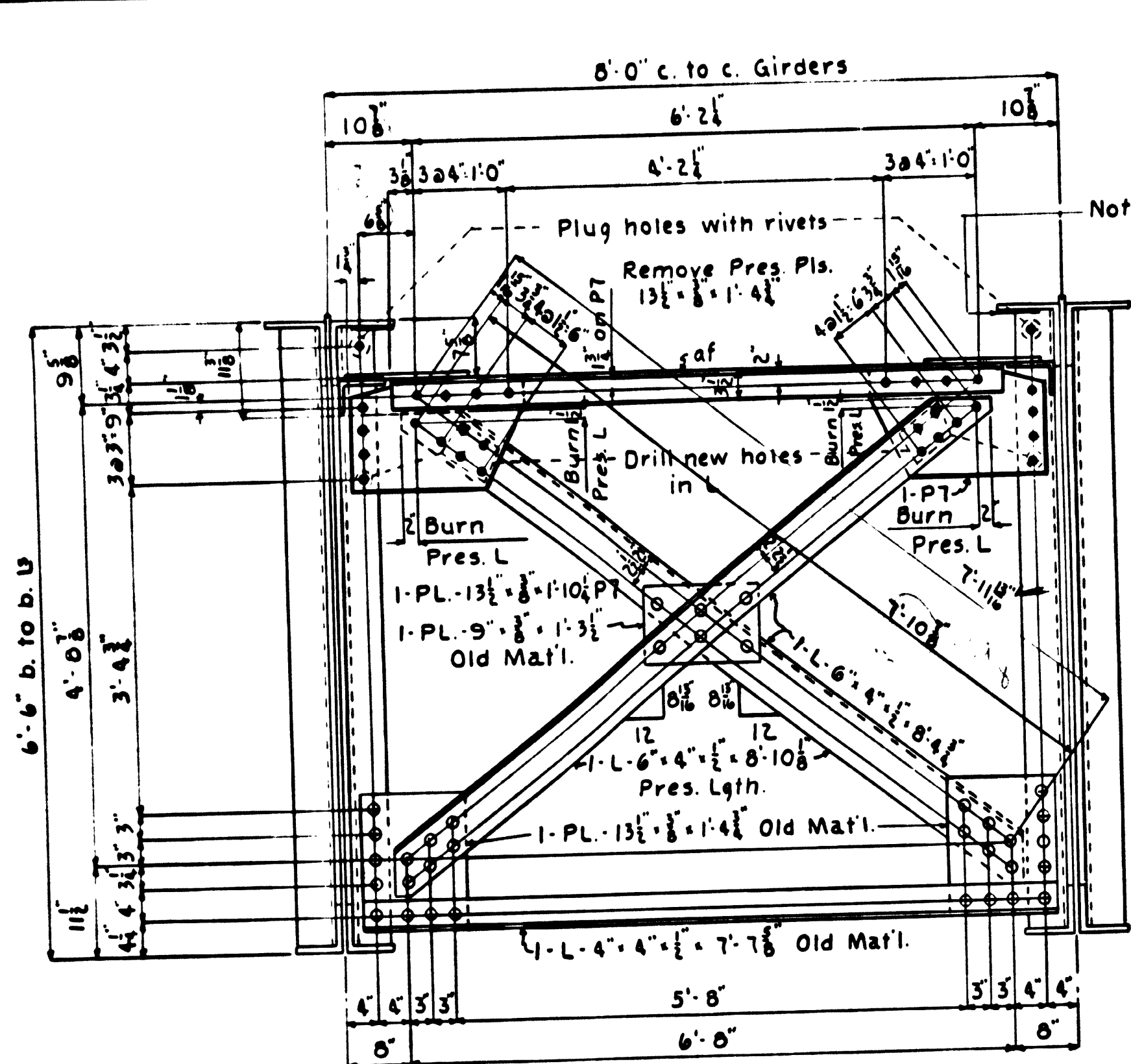
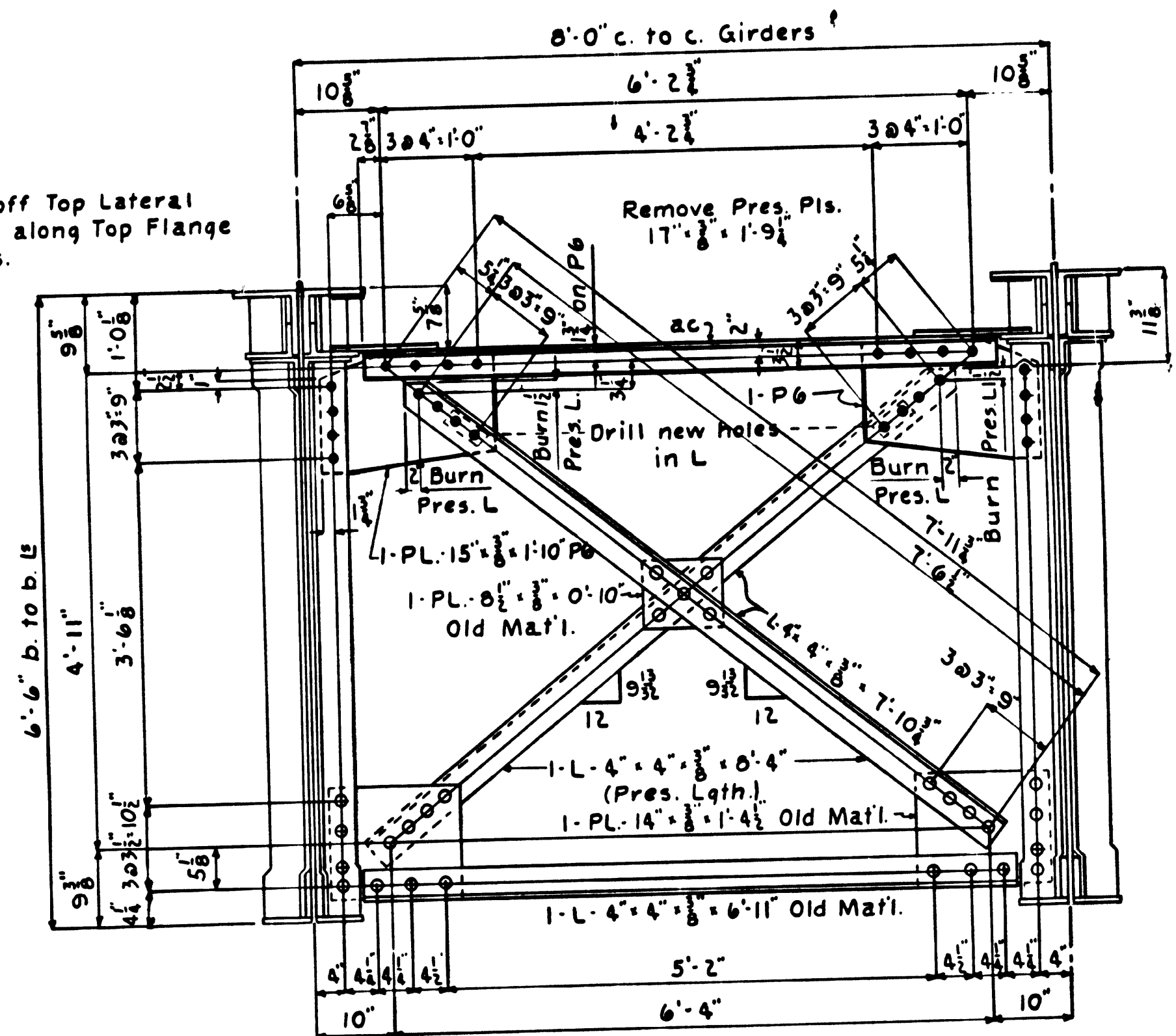
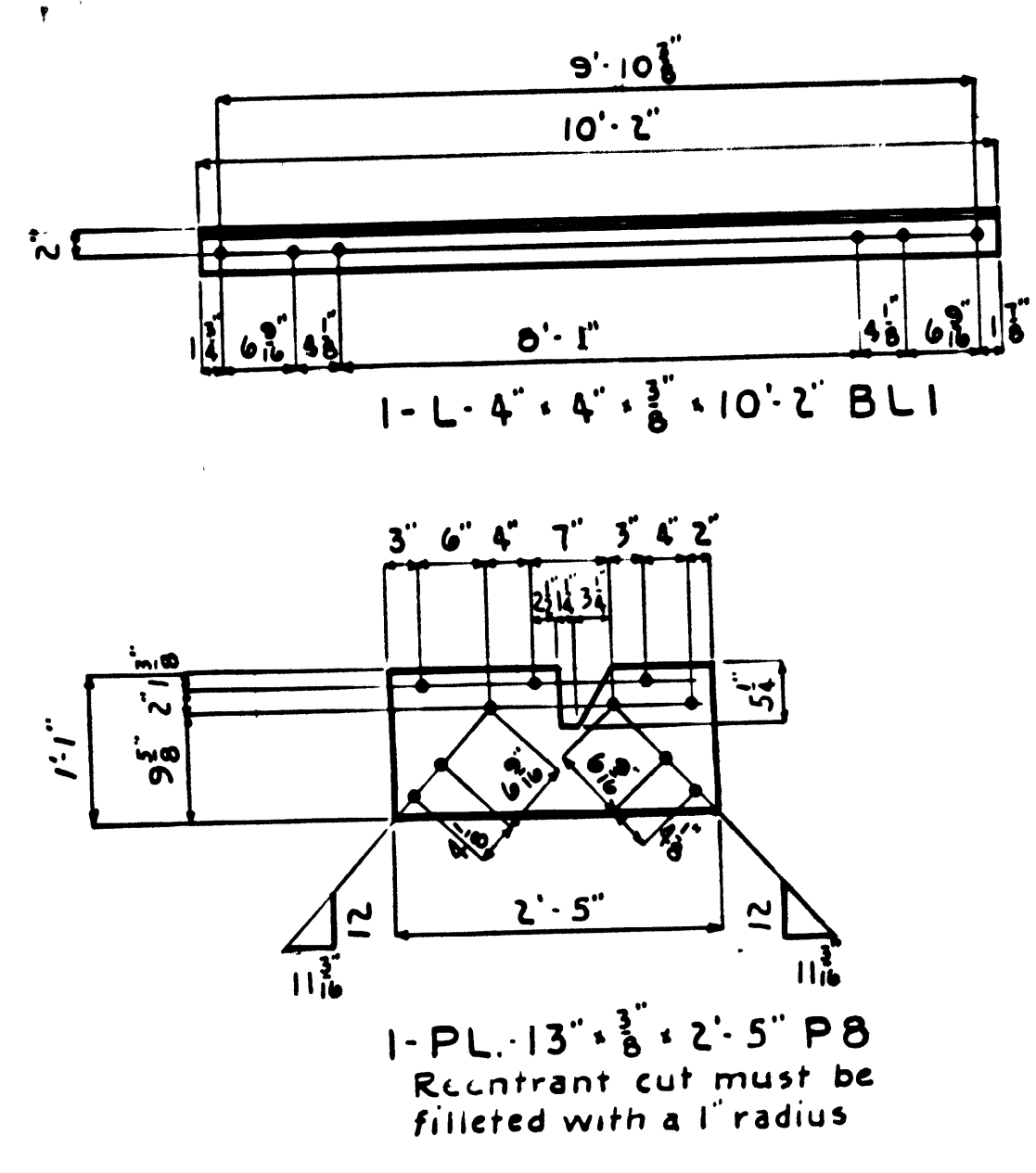




END CROSS FRAMES
SECTION A-A

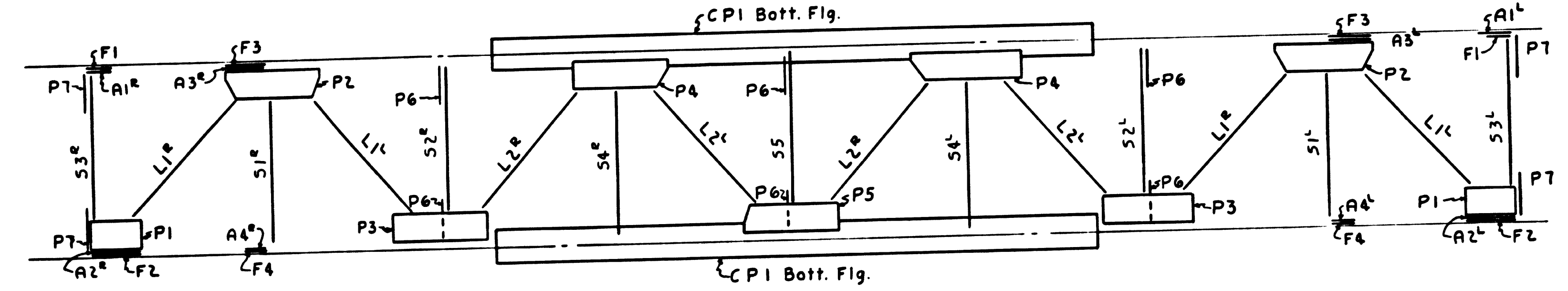


INTERMEDIATE CROSS FRAMES
SECTION B-B

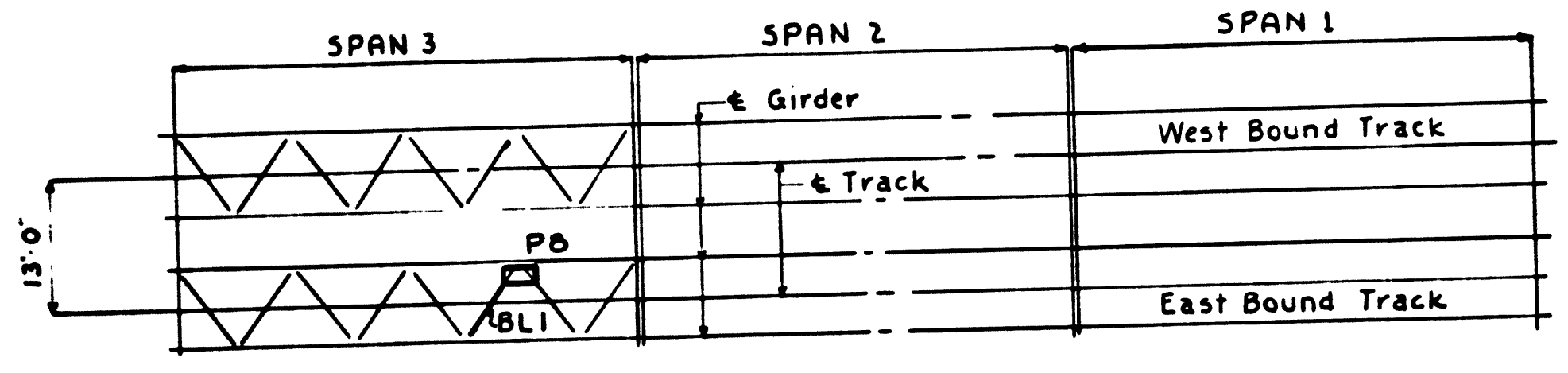


COMPLETE BILL OF MATERIAL				
No.	Description	Mark	Mat'l.	Wt. in lbs.
12	Lateral Angles	L1	Carbon Steel	2940
12	"	L2	"	2940
12	"	L3	"	2815
12	"	L4	"	2815
6	Struts	S1	"	635
6	"	S2	"	635
6	"	S3	"	620
6	"	S4	"	620
6	"	S5	"	580
6	"	S6	"	580
12	Lateral Plates	P1	"	532
12	"	P2	"	1217
12	"	P3	"	1055
12	"	P4	"	1050
6	"	P5	"	530
6	"	P6	"	119
6	"	P7	"	119
6	"	P8	"	222
6	"	P9	"	222
6	"	P10	"	212
6	"	P11	"	212
6	"	P12	"	62
6	"	P13	"	62
12	Fillers	F1	"	222
12	"	F2	"	427
12	"	F3	"	398
12	"	F4	"	117
36	Plates	P6	"	1090
24	"	P7	"	144
12	Bottom Cover Plates	CPI	"	10500
6	Struts	S4	"	590
6	"	S5	"	590
6	"	S6	"	610
Summary of Field Rivets				4470
1	Bottom Lateral Angle	BPI	"	99
1	Lateral Plate	P6	"	40

40811



ERECTION DIAGRAM FOR ONE SPAN
ALL SPANS THE SAME



BOTTOM LATERAL SYSTEM
ERECTION DIAGRAM

ERECTOR'S LIST OF FIELD RIVETS				
No.	Dia.	Grip	Lgth	Shape
372	5/8	1 1/2	2 1/2	Lat. Pls. to Girder
528	"	1 1/2	3 1/2	" " " "
768	"	1 1/2	2 1/2	Lat. to Lat. Pls.
192	"	1 1/2	2 1/2	" " " "
36	"	1 1/2	2 1/2	S2 " " "
108	"	1 1/2	2 1/2	S3-S1-S4 to Lat. Pls.
18	"	1 1/2	2 1/2	S5
240	"	1 1/2	3 1/2	A1, A2, A3, A4 to Girder
240	"	1 1/2	2 1/2	F1, F2, F3, F4 " "
1428	"	3 1/2	5 1/2	CPI to Girder
72	"	3 1/2	5 1/2	" " " "
36	"	4 1/2	6 1/2	" " " "
144	"	1 1/2	2 1/2	P6 to stiff.
240	"	1 1/2	2 1/2	" " Struts
144	"	1 1/2	2 1/2	P6 " old U
144	"	1 1/2	2 1/2	P7 " " "
24	"	1 1/2	2 1/2	Plug holes in stiff.
90	"	1 1/2	2 1/2	P7 to stiff.
3	"	2 1/2	4 1/2	P6 to Bott. Flg.
1	"	2 1/2	4 1/2	" " " "
2	"	3 1/2	5 1/2	Lat. " " "
6	"	1 1/2	2 1/2	" " P6
4836				

SUMMARY OF FIELD RIVETS			
No.	Dia.	Lgth	Shape
28	5/8	2 1/2	
324	"	2 1/2	
422	"	2 1/2	
488	"	2 1/2	
1220	"	2 1/2	
264	"	2 1/2	
580	"	3 1/2	
264	"	3 1/2	
1535	"	5 1/2	
80	"	5 1/2	
42	"	6 1/2	
7	"	4 1/2	
6	"	5 1/2	
5265			

High Button Head

GENERAL NOTES

Rivets: 5/8 Dia.
Open Holes: 1 1/8 Dia.
Material: Carbon Steel A.S.T.M. A7-36
Specifications: For Design, Material, and Workmanship A.R.E.A. 1939
Shop Paint: All new material including field contact surfaces to receive one coat of "60 Rust-Inhibitive Primer" before leaving shop. In addition all laterals and struts shall receive one coat of "1015 Dampproofing" excepting surfaces within 3" of open holes.
Field Paint: All heads of field rivets to receive one coat of "60 Rust-Inhibitive Primer". All new material to receive one coat "1015 Dampproofing" except surfaces painted in shop with Dampproofing.
Protection of Top Flange of Girder per Dwg. F-7835
Bill of Field Paint ordered on Dwg. F-7835
Loading: E-72
Unit Stress: 18,000 lbs. per sq. in.

Note: Work this Dwg. with Dwg. F-7833
Details of old material see
Dwgs. A-7037-B

C. M. ST. P. & P. R. R.

A-262 3-65'-0" DECK GIRDER SPANS-2 TRACKS

1.3 Mi. East of Oakwood, Wis.

NEW TOP LAT. SYS. & BOTT. COV. PLATE

Chicago, Jan. 19, 1940

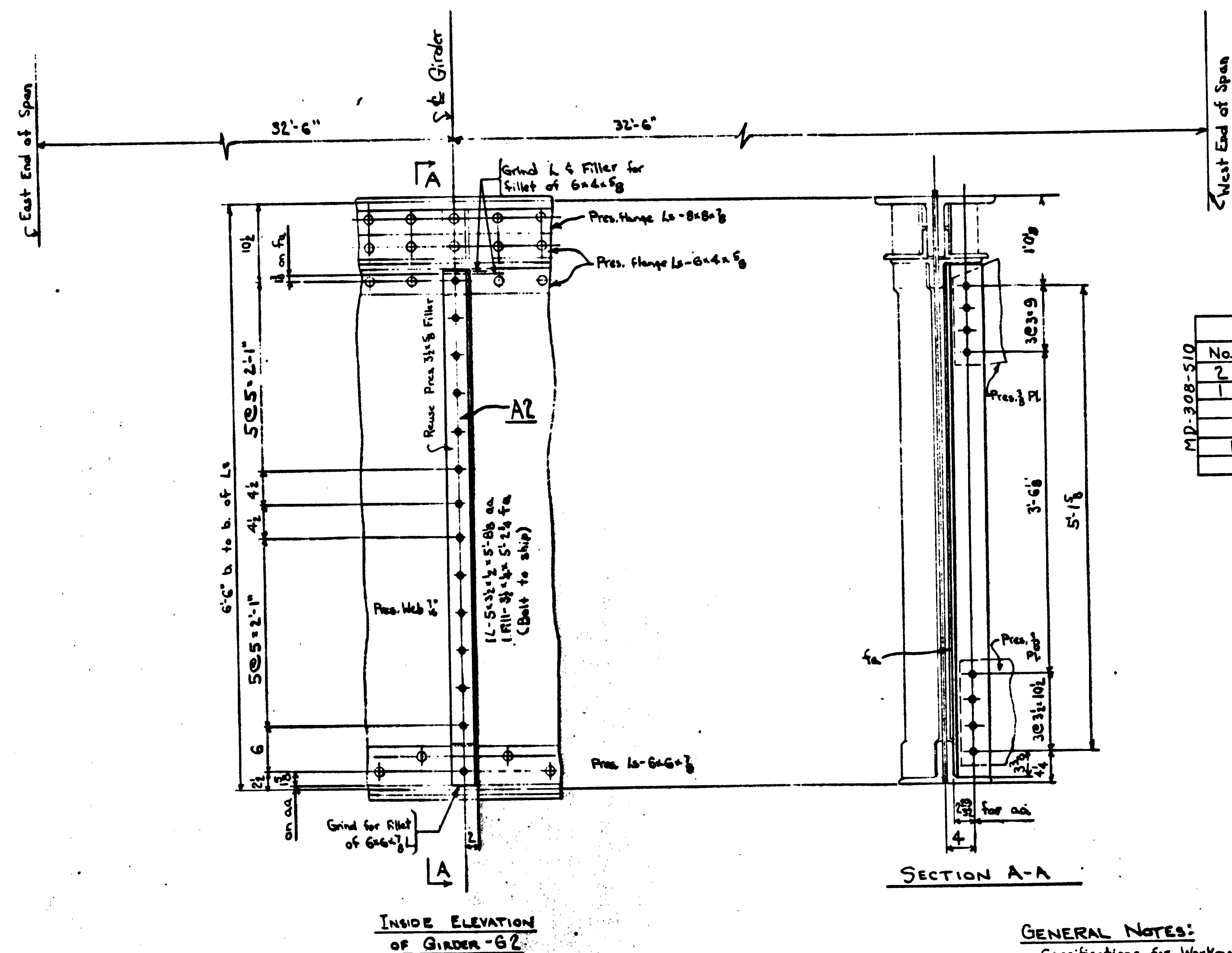
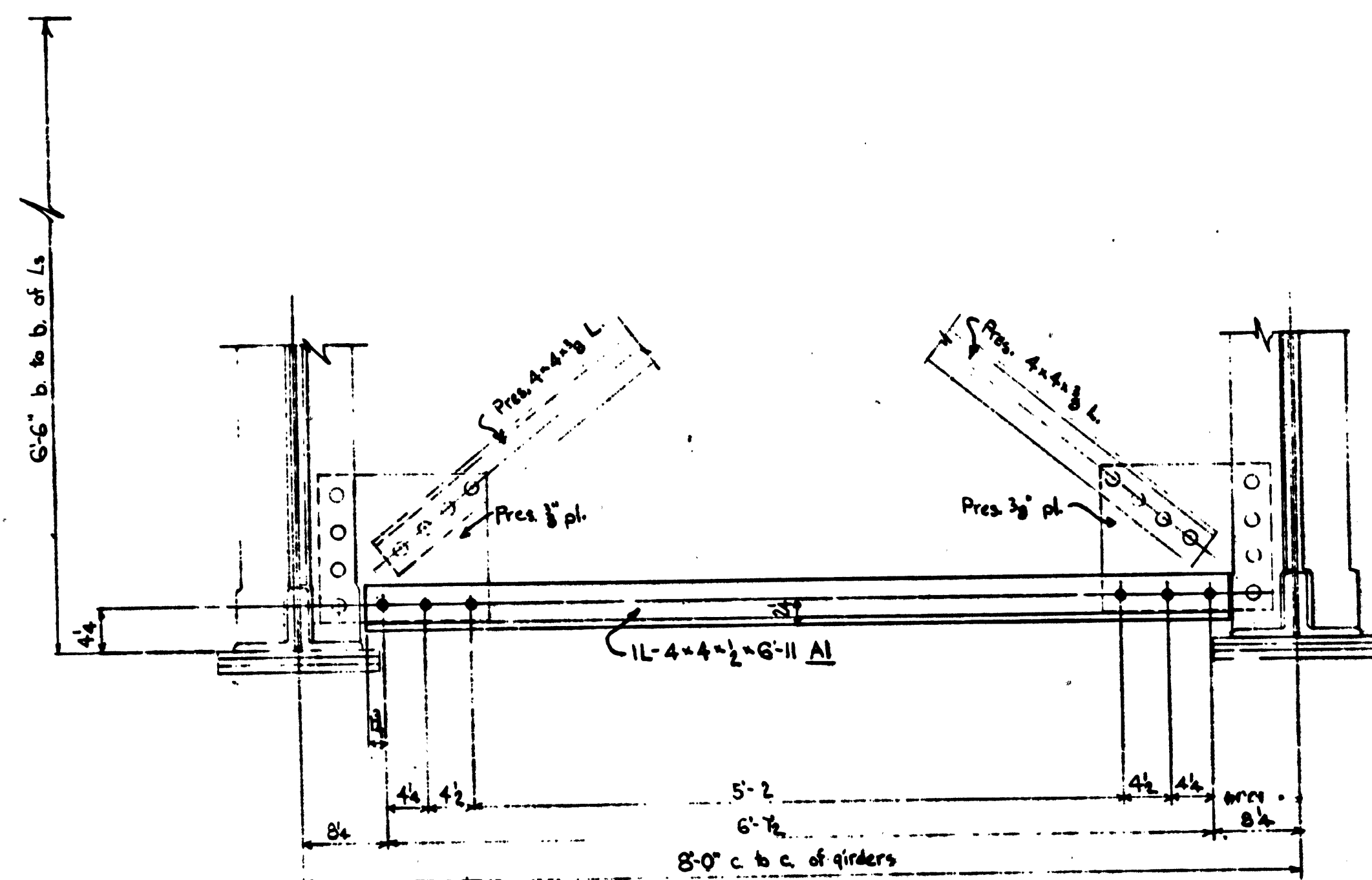
Correct: *AB Chapman* Office Engineer

Approved: *SMiddleton* Chief Engineer

Approved: *[Signature]* Supl. of Bridges and Buildings

Approved: *[Signature]* Chief Engineer

Revisions	Date	By
Checked By: A.N.		Made By: K.F.



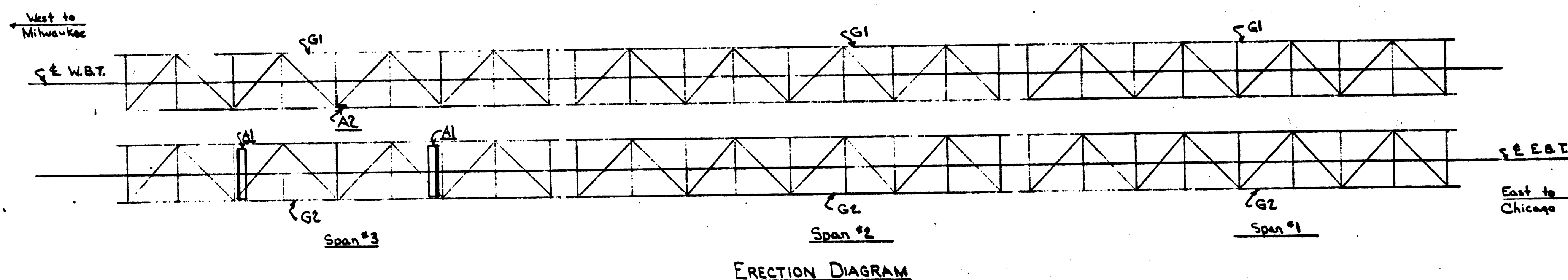
BILL OF MATERIAL			
No.	Item	Mark	Weight
2	Cross-Frame Angle	A1	176
1	Connction Angle	A2	90
Field Rivets per Summary			39
Total			305

SUMMARY OF FIELD RIVETS			
No.	Dia.	Length	Kind
20	1/2"	2 1/2"	Standard High-Button Head
20	"	4"	
5	"	4 1/2"	
5	"	5"	

Salvage Steel - 205#
Rivets to K.Q. - 28
Reference Drawings: A-7037, A-7038
F-7833, F-7834.

GENERAL NOTES:

Specifications for Workmanship A.R.E.A.-Current
Material - Carbon Steel per A.S.T.M. A7-50
Rivets - $\frac{3}{8}$ " Holes - $\frac{1}{8}$ " Diameter
Shop Paint - 1st Coat *198 QD Red Lead
Field Paint - 1st Coat: Spot paint all unpainted and scratched
surfaces with *198 QD Red Lead.
2nd Coat: A mixture composed of 1 qt. of *198 QD
Red Lead to 3 qts. *30 Natural Black.
3rd Coat: *30 Natural Black.
Paints specified above are manufactured by the Detroit
Graphite Company. Approved equals may be substituted.



SCOPE OF WORK FOR 1955:

E.B.T. - Span #3 - Renew bottom angle in Cross-Frames #2 & 4 from West End.

W.B.T. - Span #3 - Renew cracked Conn. angle to S. girder at intermediate Cross-Frame #2.

Both Tracks - Redriv loose rivets in all intermediate Cross-Frames at bottom to Conn. Ls.

OK MAY 25 1951

CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RAILROAD

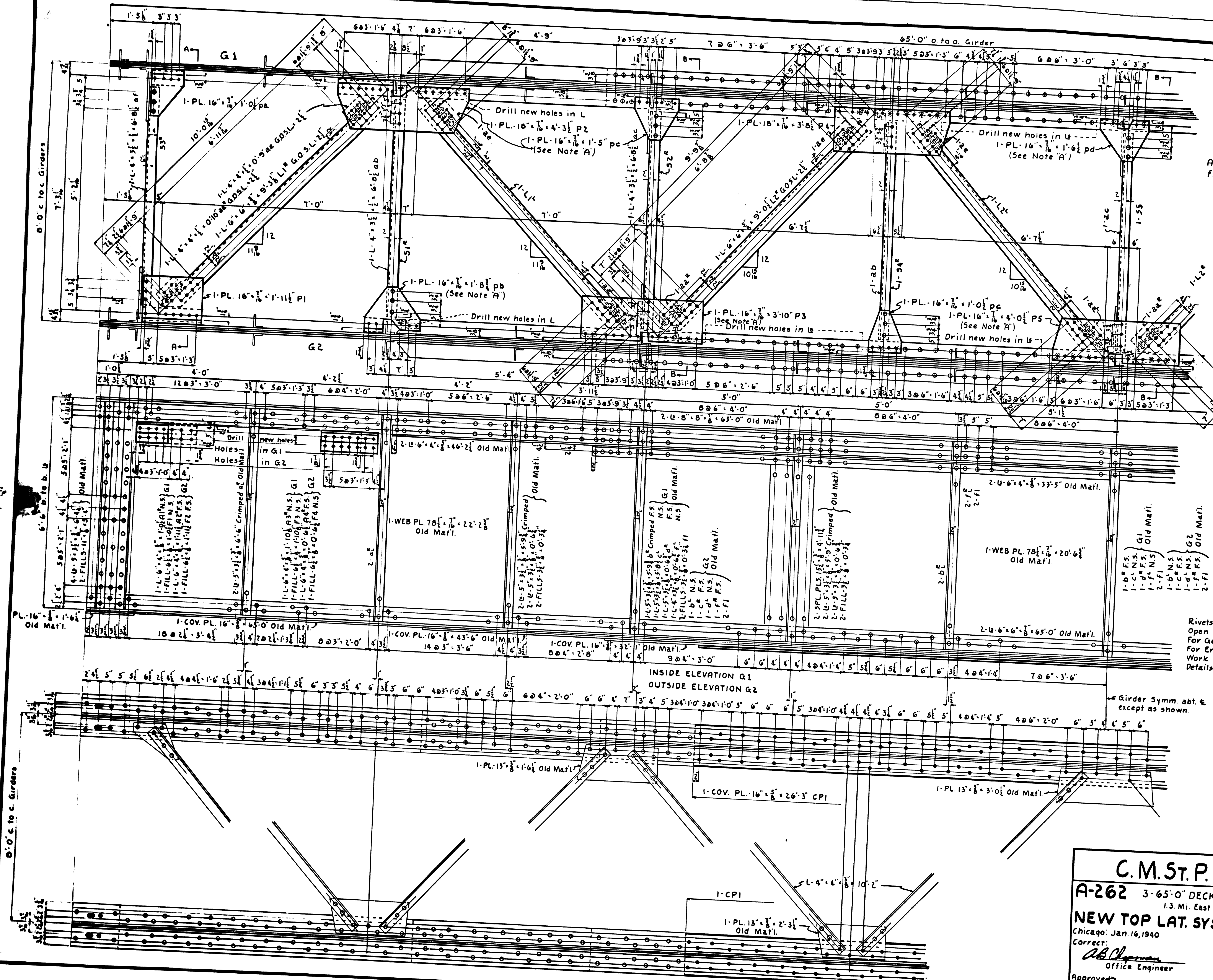
A-262 3-65'-0" DECK GIRDER SPANS- 2 TRACKS
1.3 MI. E. of Oakwood, Wis.

STEEL REPAIRS

Chicago, 2-7-55 Drawing G- 890

Revision -		Date	By
Designed By:- HJN	Detailed By:- HJN		
Design Checked By:- LFC	Details Checked By:- LFC		
Des. & Det. Super. By:- CB	Examined By:- CB		

E. B. Burch Bridge Engineer



NOTE "A"
All reentrant cuts must be
filleted with a 1" radius

NOTES
Rivets: 3/4" Dia.
Open Holes: 1 1/2" Dia.
For General Notes see Dwg. F-7834
For Erection Diagram see Dwg. F-7834
Work this Drawing with Dwg. F-7834
Details of Old Material See Dwg. A-7037-B

of
A 328
P. 66

C.M. ST. P. & P.R.R.
A-262 3'-65'-0" DECK GIRDER SPANS - 2 TRACKS
1.3 Mi. East of Oakwood, Wis.
NEW TOP LAT. SYS. & BOTT. COV. PL.
Chicago: Jan. 16, 1940
Correct: *AB Chapman* Office Engineer
Approved: *DM* Ass't Chief Engineer
Approved: *[Signature]* Chief Engineer
Revisions:

Revisions	Date	By
Checked By	4.2.41	MADE BY K.F.