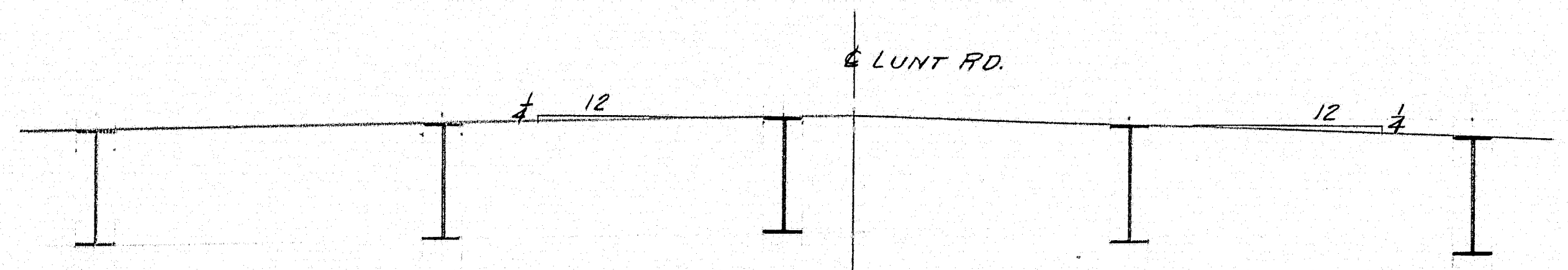
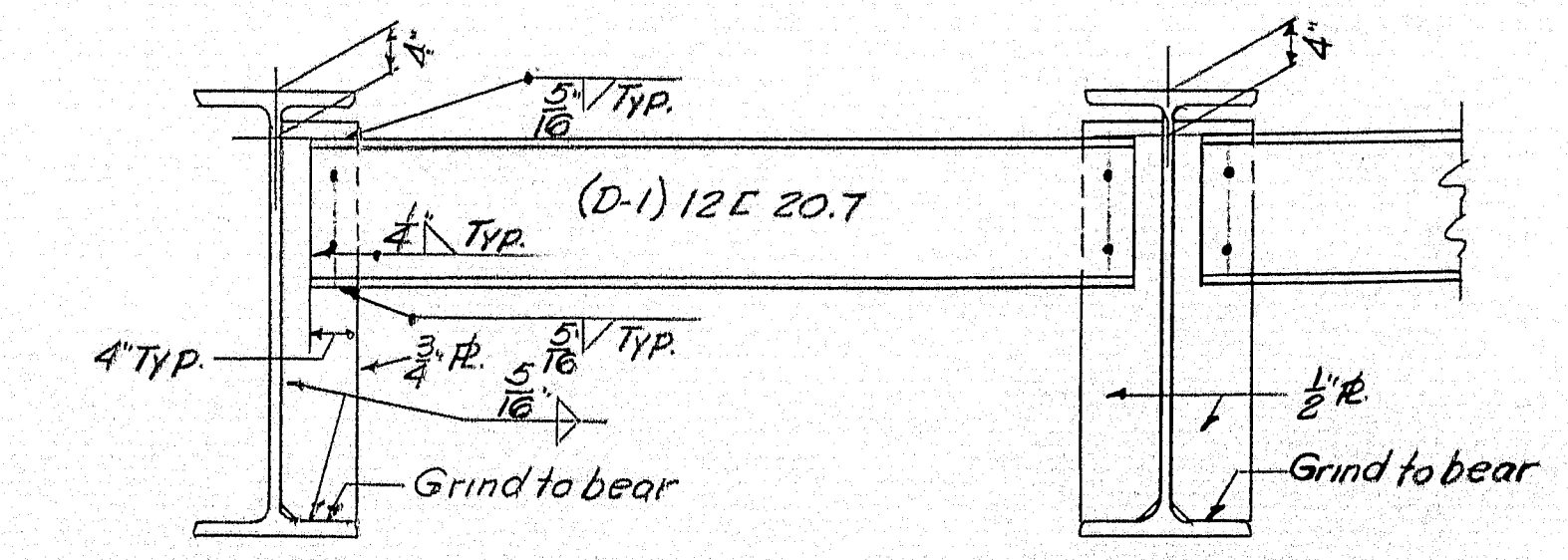
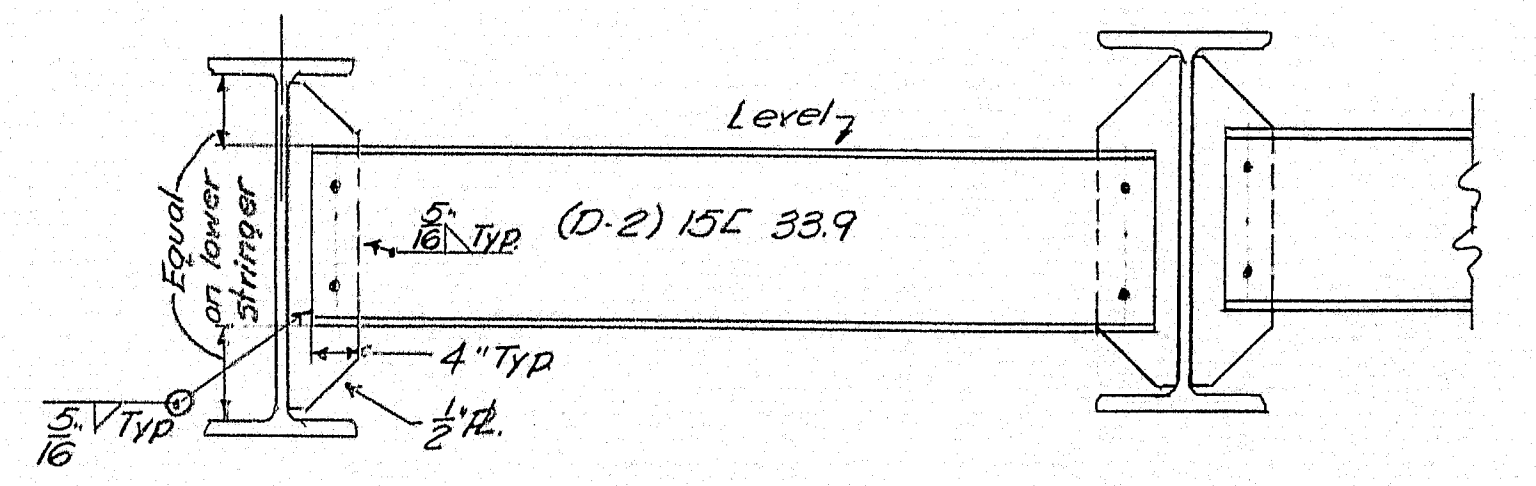
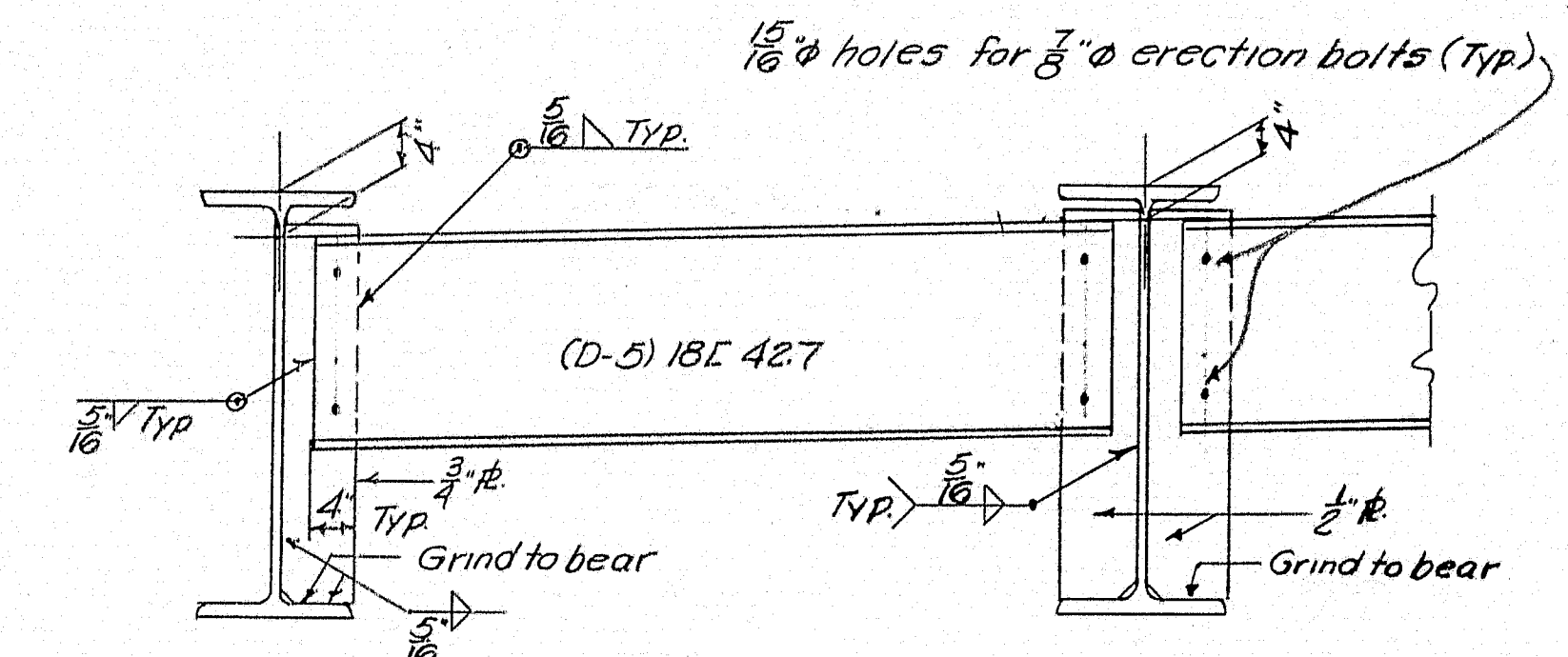


FRAMING PLAN

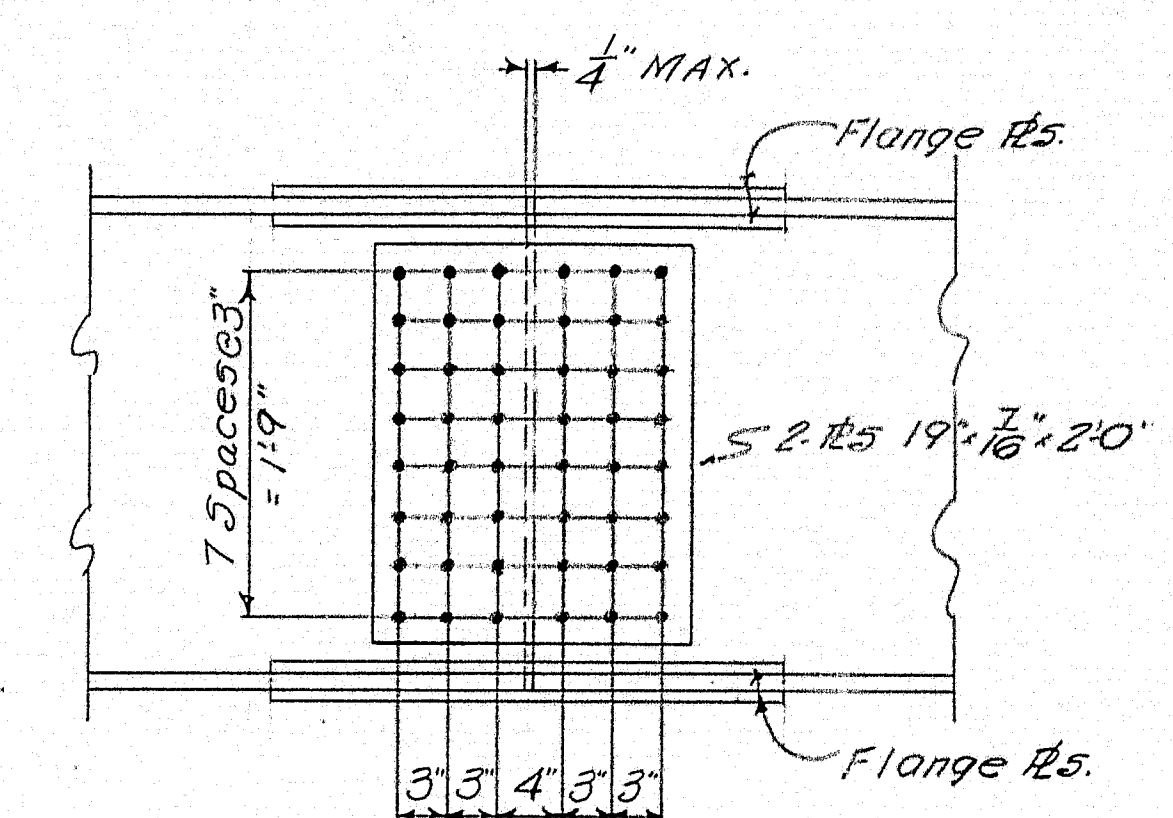


TYPICAL CROSS SECTION

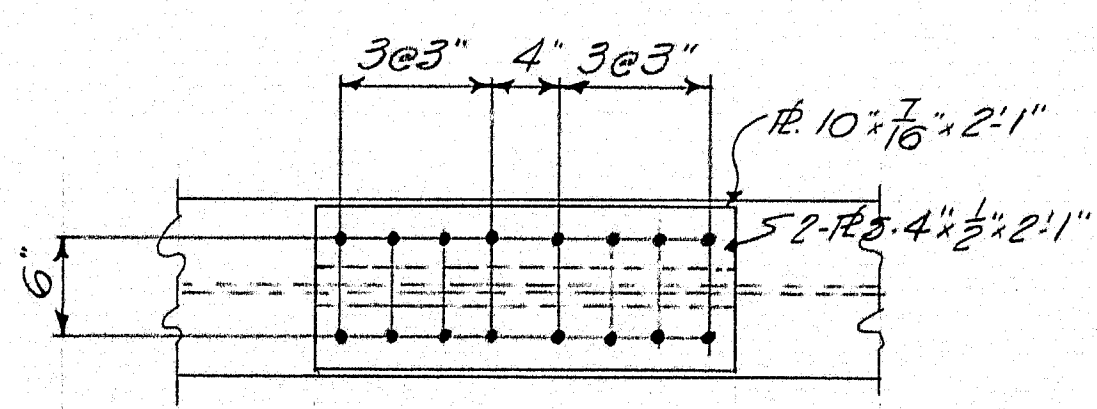


EXTERIORS INTERIORS

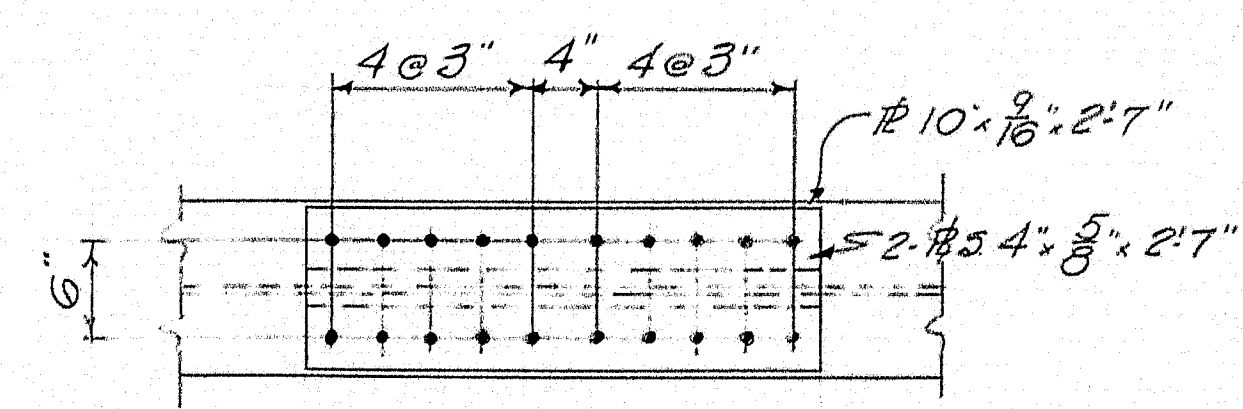
TYPICAL DIAPHRAGM DETAILS



ELEVATION



FLANGE PLATES (for 30WF108)



FLANGE PLATES (for 30WF124)

NOTE: Splice conns. to be 3/4" Hi-Strength Bolts

TYPICAL SPLICE DETAILS

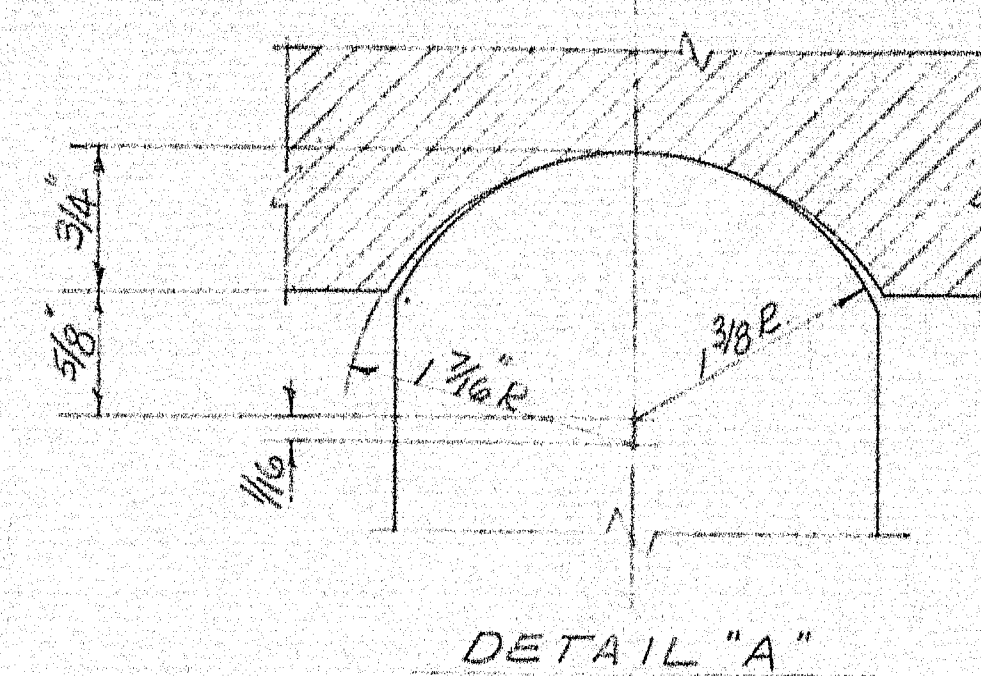
NOTES:

FRAMING PLAN	
Bancroft & Martin Rolling Mills Company	
South Portland 1, Maine	
LUNT ROAD OVER INTERSTATE	
FALMOUTH, ME.	
CUSTOMER	W. H. HINMAN
DESIGNER	M. S. H. C.
ORDER NO.	DWG. NO. 9-26-E1

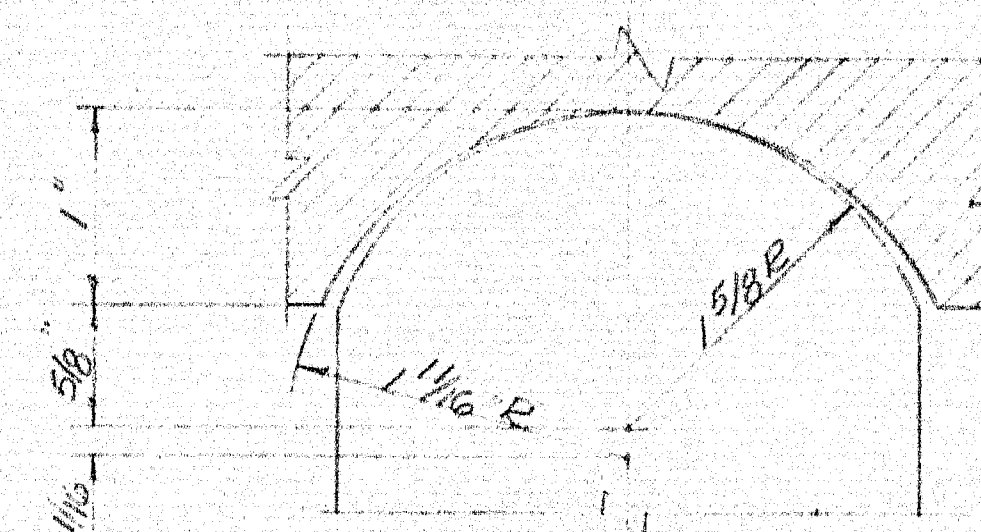
APR 4-17-59

DRAWN	22659 P.L.E.
REVISION	
REVISION	
REVISION	

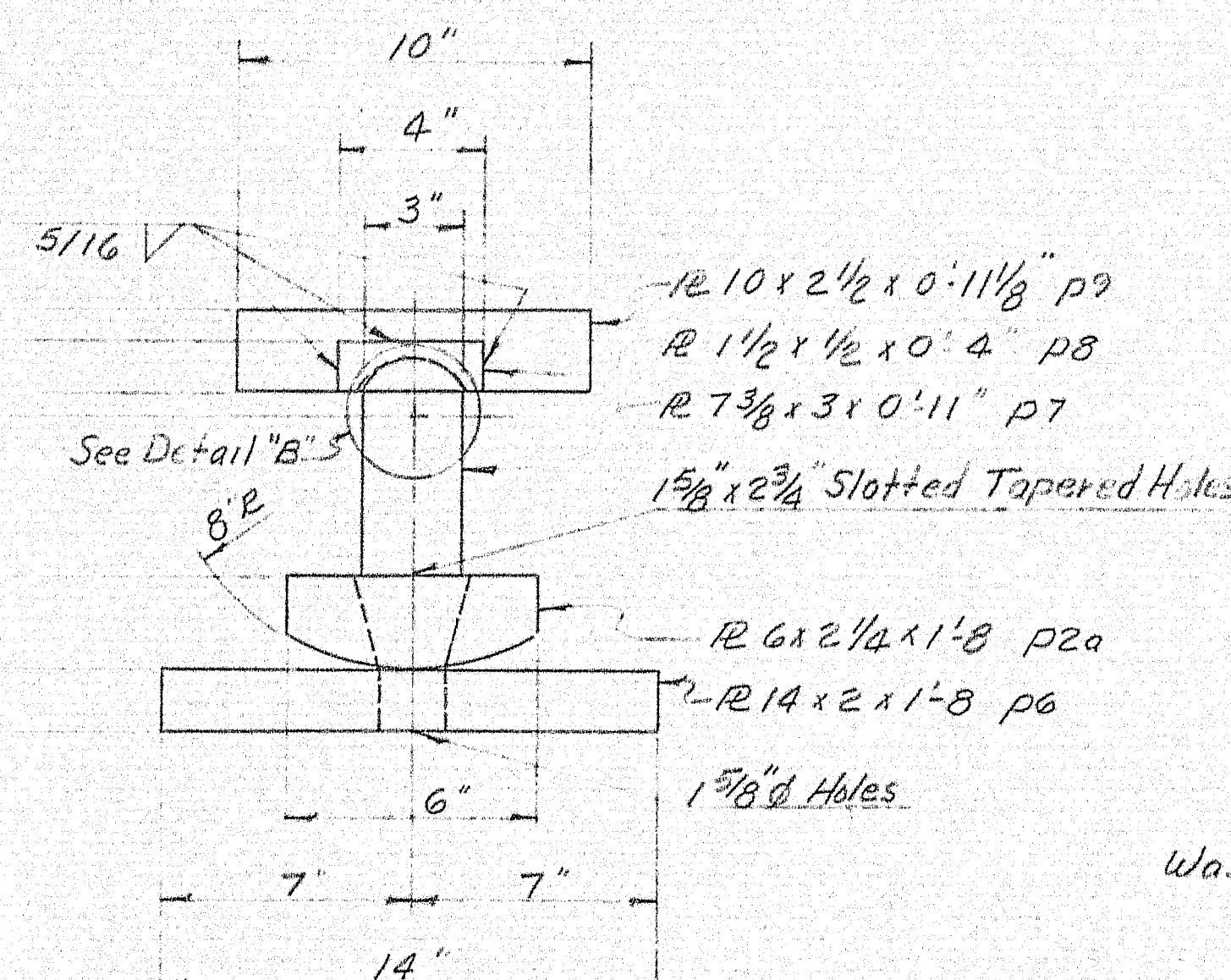
cl 14



DETAIL "A"

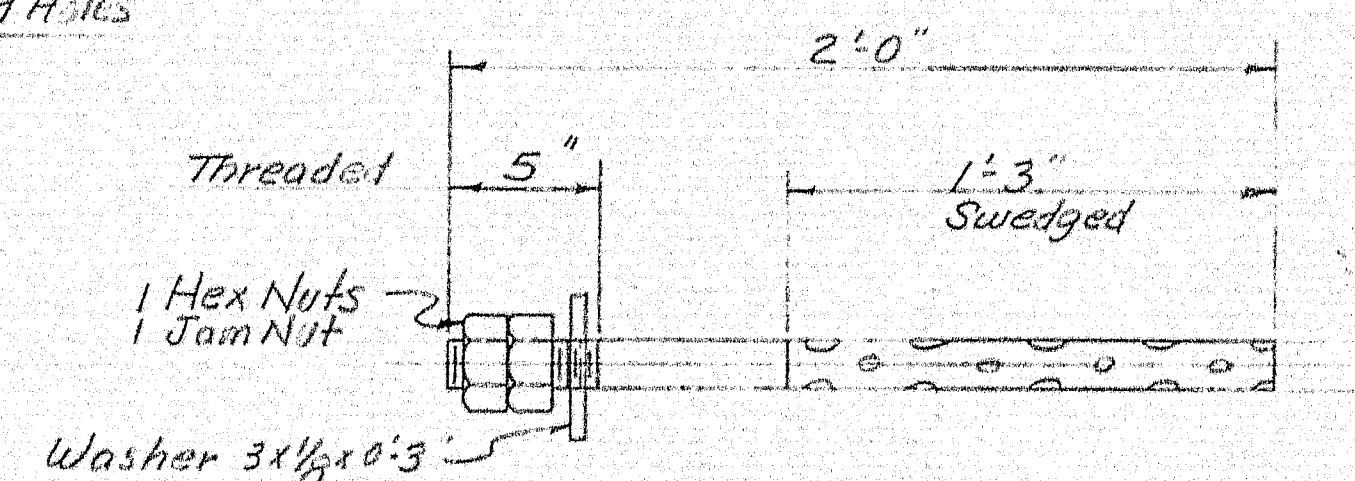


DETAIL "B"



EXPANSION BEARING EB2

10 REQ'D.



ANCHOR BOLTS ABI

40 REQ'D.

20 for EBI

20 for EB2

NOTE:

- 1-Top & sides of top plate & underside of bottom plate to be free of paint on all bearings.
- 2-Bearings to be Shop welded to Stingers.
- 3-Coat finished surfaces ASA-125 & ASA-250 with white lead & talcum.

[illegible]

SHOP CONNECTION: *1/2" Cont. filled weld*
FIELD CONNECTIONS: *except as noted.*
HOLES: *Bolted*
PAINT: *As Noted*
Per State of Maine Specs.
& as Noted

APR 24 1959

BEARING DETAILS

Bancroft & Marten Rollings Mills Company
South Portland 7, Maine

LUNT ROAD OVER INTERSTATE
FALMOUTH, MAINE

CUSTOMER *W. H. HINMAN*

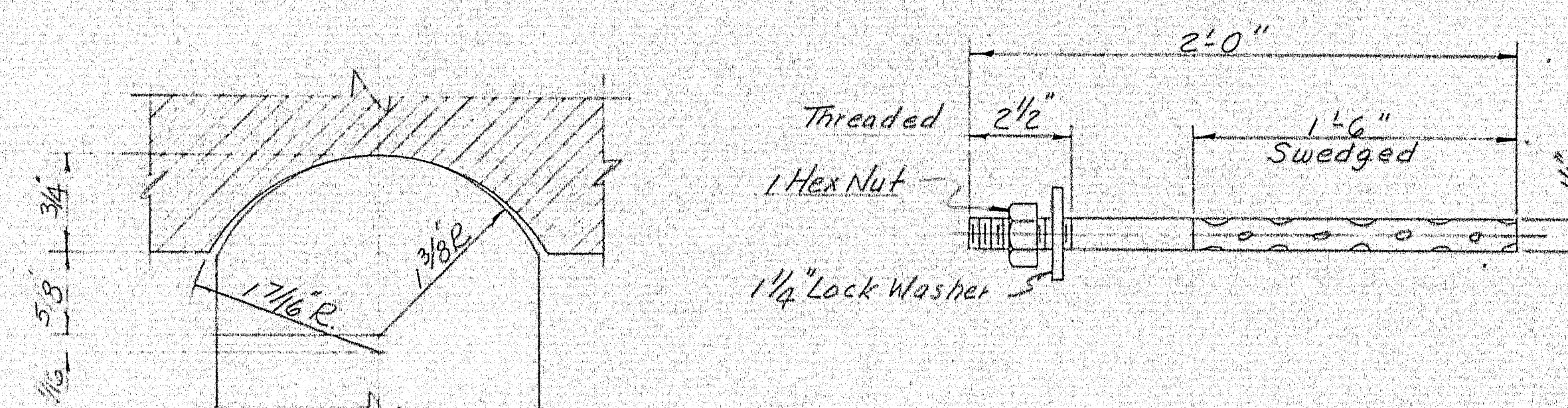
DESIGNER *MAINE S. & C. BRIDGE, DIV.*

ORDER NO. *VEPRAL* DWG. NO. *0-26-51*

402. 6-17-59

DRAWN	1-16-59	File
REVISION		
REVISION		
REVISION		

73-108

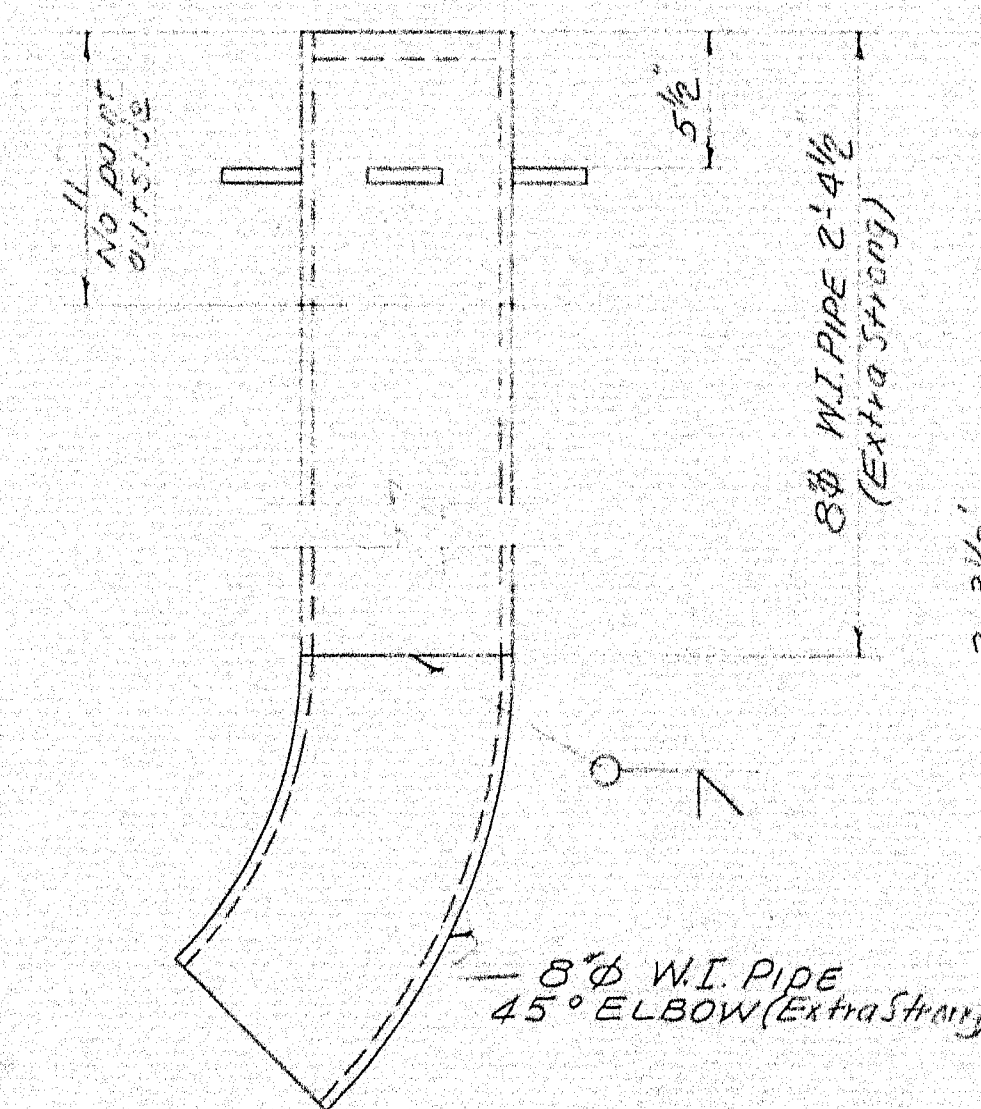
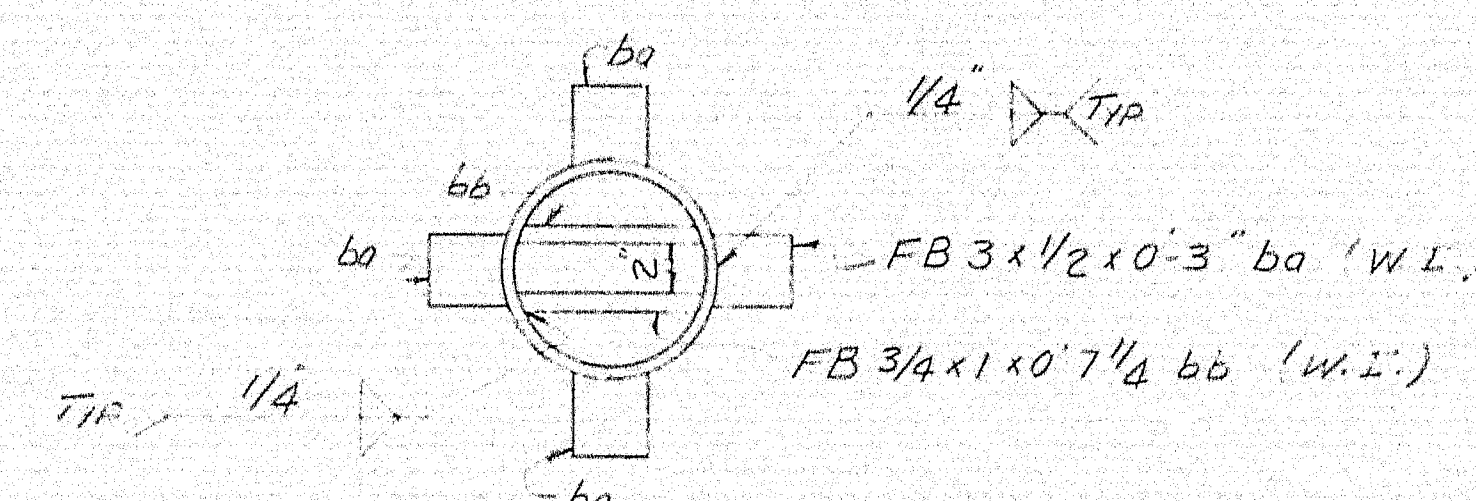


DETAIL A

ANCHOR BOLTS-AB2
20 REQ'D

NOTE:

- 1-Top 4 sides of top plate & underside of bottom plate to be free of paint on all bearings.
- 2-Bearings to be shop welded to stringers
- 3-Cont finished surfaces ASA-125 with min to lead & follow.
- 4-Weld 1/2" cont fillet except as noted.

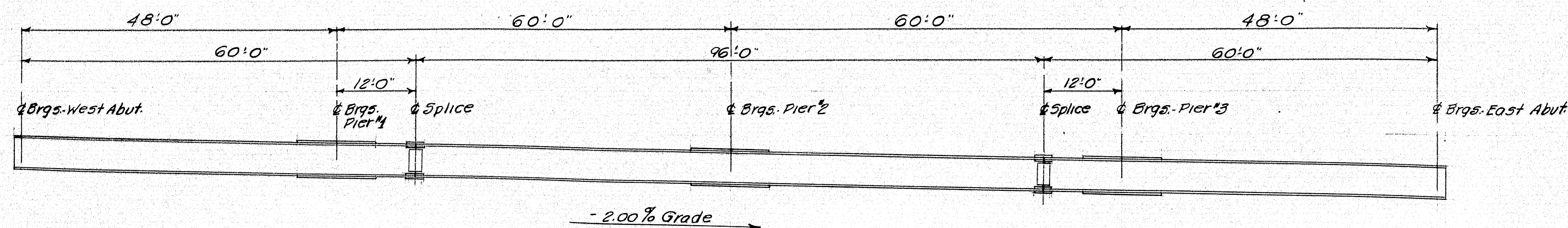


NOTE: Scuppers to be placed with 45° Elbow
parallel To Stringers
All material to be W.I.

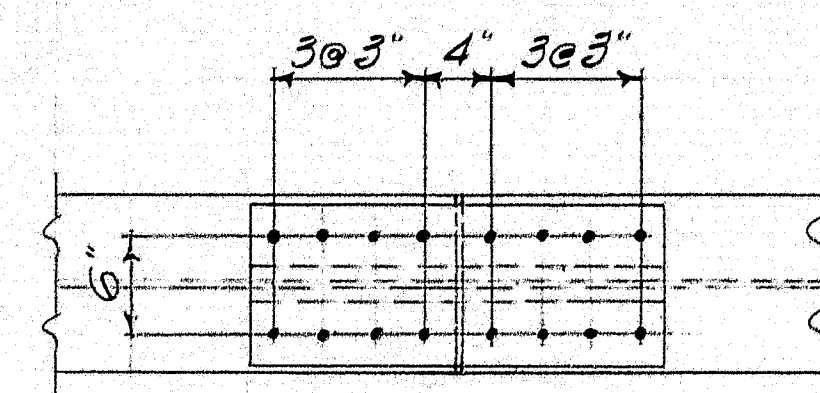
SCUPPER DETAIL SDI
8 REQ'D.

NOTES: See Dwg. 2-1-51 for Bill of Material
PAINT: Per State of Maine Spec's &
as Noted.

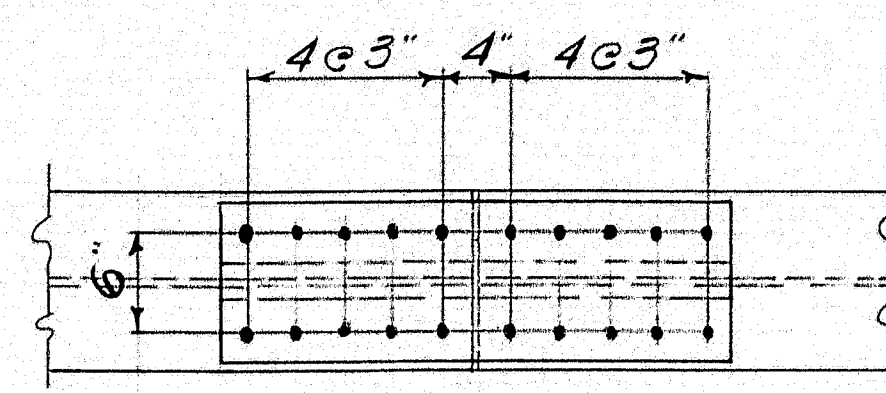
DRAWN	1-16-59	KGW	CUSTOMER	M. H. HINDMAN
REVISION			DESIGNER	MAINE S.H.C. BRIDGE DIV.
REVISION			ORDER NO.	VERBAL
REVISION			DWG. NO.	2-22-59



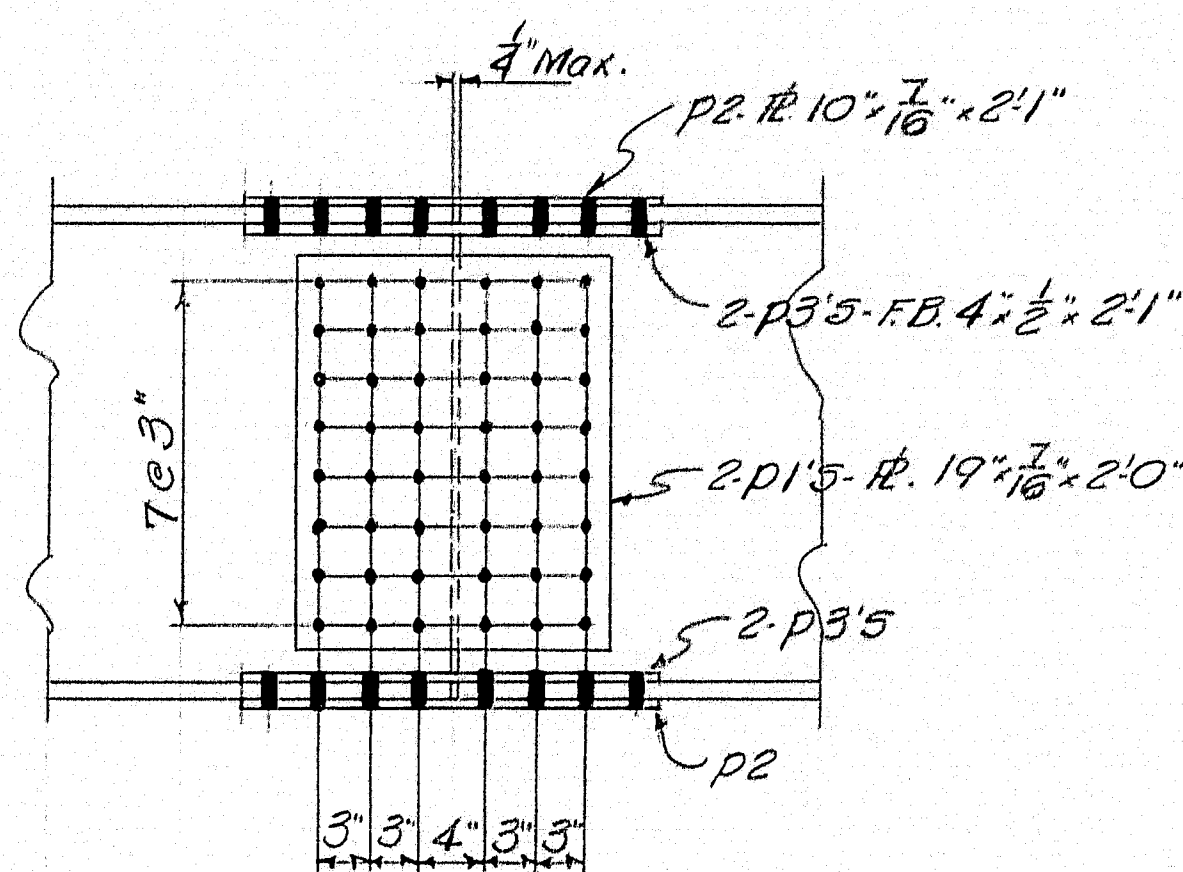
SHOP ASSEMBLY PROFILE



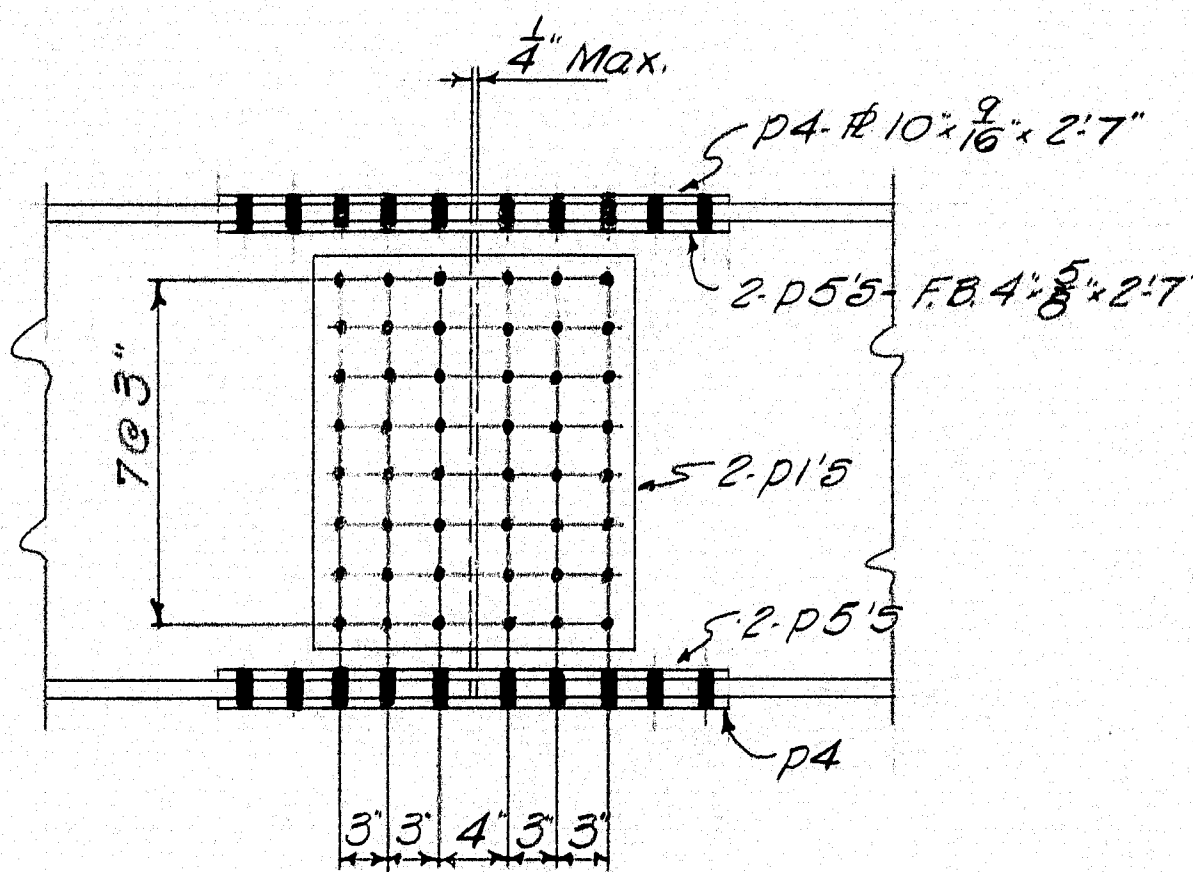
Flange Plates



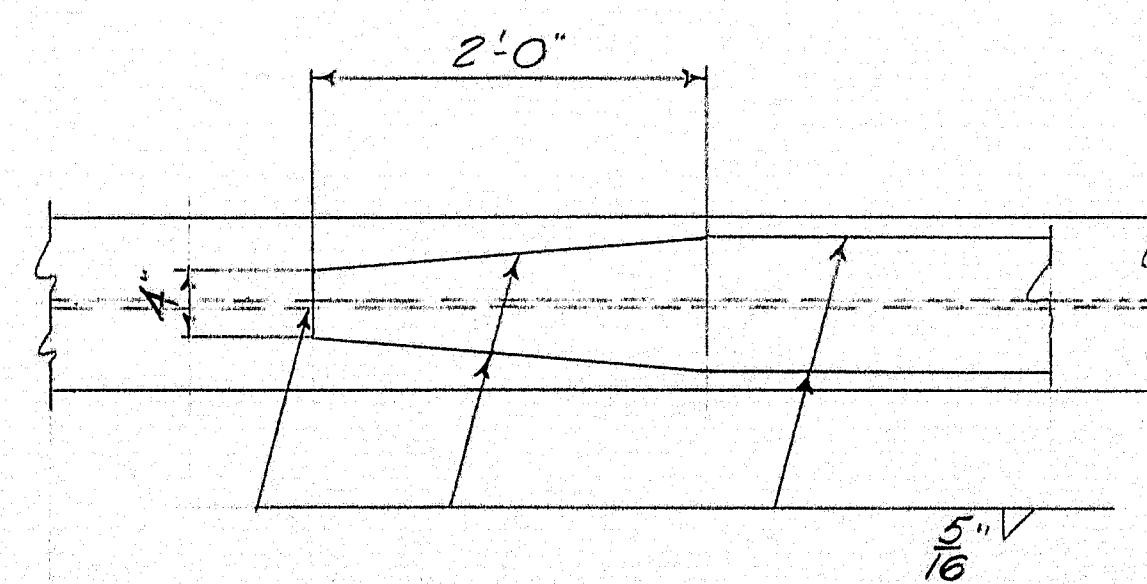
Flange Plates



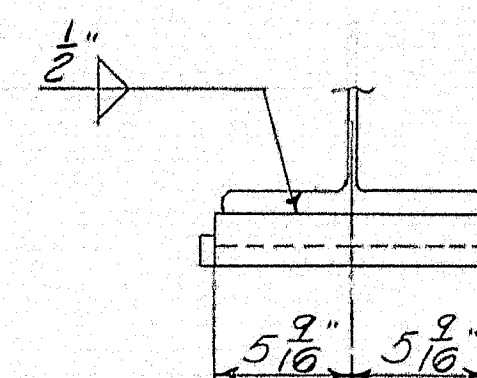
SPLICE DETAIL FOR 30W108'S



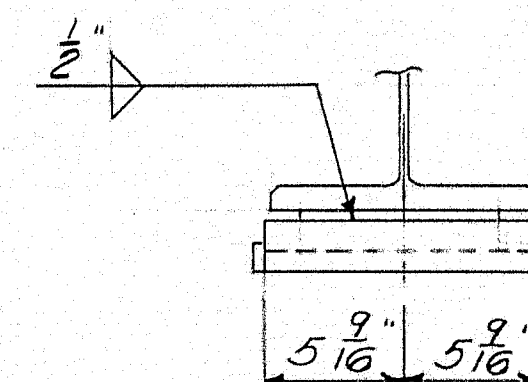
SPLICE DETAIL FOR 30W124'S



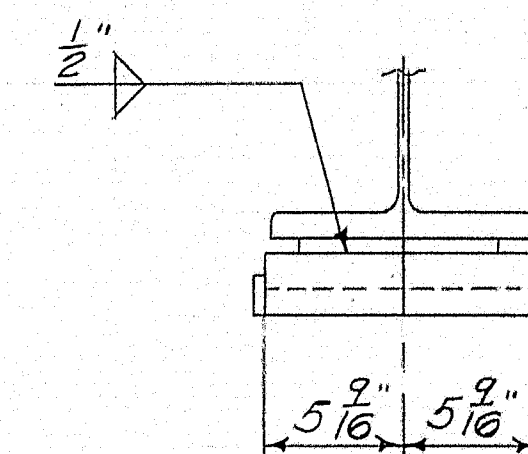
TYPICAL COVER PLATE DETAIL



TYPICAL SECTION AT P5
(No cover plate)



TYPICAL SECTION AT P5
(With cover plate)



TYPICAL SECTION AT P9

NOTE:-
See Drawgs. 9-26-51 & 52 for details
of P5 & P9

GENERAL NOTES:

No camber in beams, any natural camber to be up.
Splice Note - Subpunch or drill holes 1/16" dia. Ream assembled as shown to 1/16" or drill from solid. Match mark all loose material. Holes are for Hi-Strength Bolts. They are to be free from burrs, and there shall be no paint on any surface within 3" of such open holes.
Omit paint on diaphragm plates.

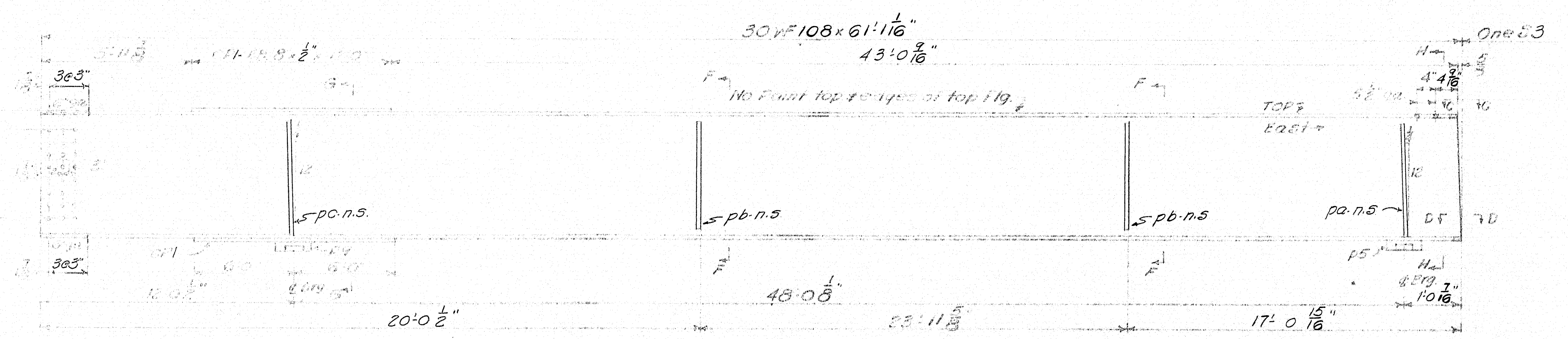
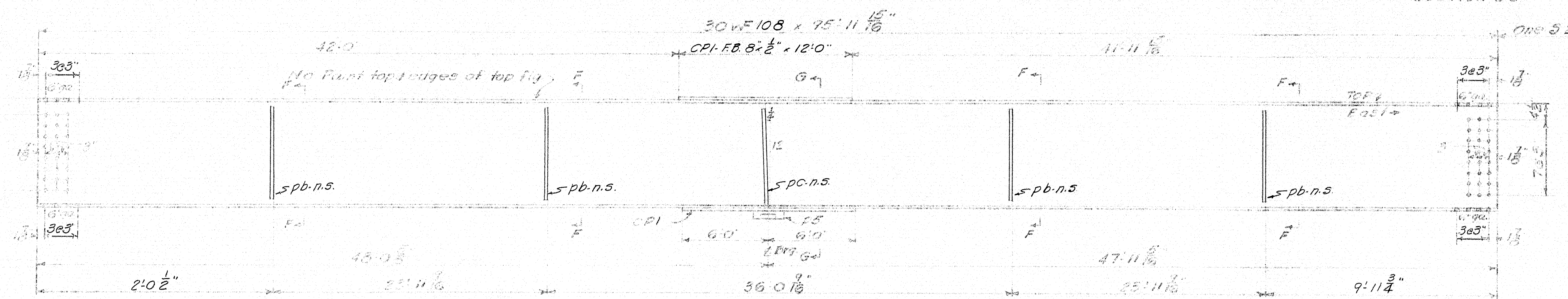
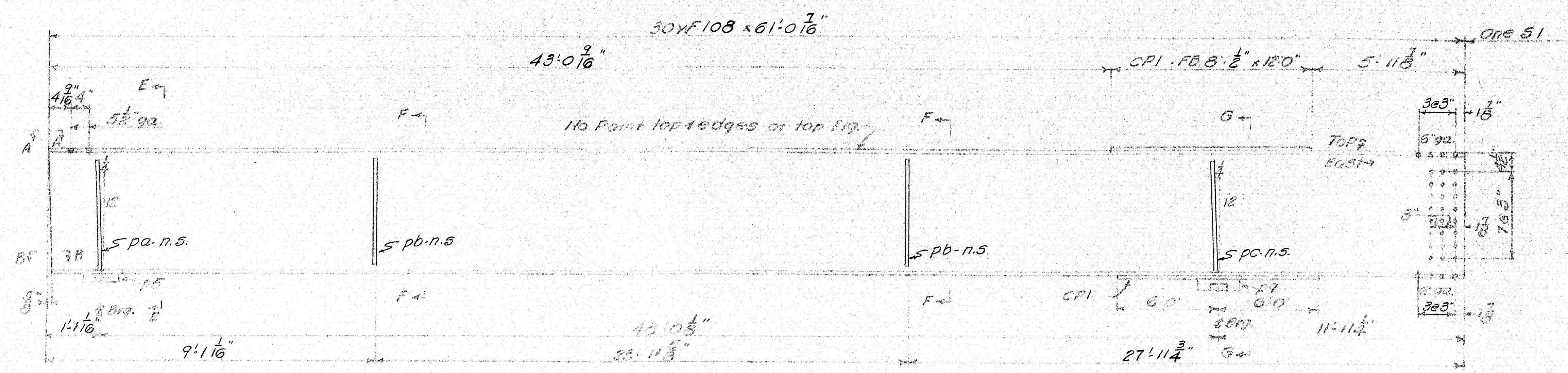
SHIP		BILL OF MATERIAL				DWG. NO. 9-26-53	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT. DEDUCTION	REMARKS
51	1		30W108	61 0 1/16		4	
54	1		do	61 0 1/16		4	
53	1		do	61 1 1/16		4	
56	1		do	61 1 1/16		4	
52	1		do	95 11 1/16			
55	1		do	95 11 1/16			
57	1		30W124	60 10 3/16		5	
510	1		do	60 10 3/16		5	
513	1		do	60 10 3/16		5	
59	1		do	60 11		5	
512	1		do	60 11		5	
515	1		do	60 11		5	
58	1		do	95 11 1/16			
511	1		do	95 11 1/16			
514	1		do	95 11 1/16			
18	CP1		FB 8 x 1/2	12 0		245	
6	CP2		FB 8 x 1/2	12 0		122	
6	CP3		R 9 x 1/2	12 0		102	
20	P1		R 19 7/16	2 0			
8	P2		R 10 7/16	2 1			
16	P3		FB 4 1/2	2 1			
12	P4		R 10 7/16	2 7			
24	P5		FB 4 1/2	2 7			
4	PA		R 6 x 1/2	2 3/4			
6	PC		do	2 3/4			
4	PE		FB 6 x 1/2	2 3/4			
8	PF		do	2 3/4			
6	PG		do	2 3/4			
12	PH		do	2 3/4			
32	PB		do	2 2		56	
24	PD		do	2 2		42	
8	PJ		do	2 2		14	
1	Shop		1/2" Fillet Weld	38 0	16		.425"/ft.
1	Shop		3/16" Fillet Weld	1200 0	212		.166"/ft.
Field 480			1/2" Hi-Strength Bolt	0 3	173		
Field 128			do	0 3/4	46		
Field 240			do	0 3/4	86		
Field 1696			7" Hardened Washer				

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: 3/8" Hi-Strength Bolts
HOLES: 1/16" dia
PAINT: Red Lead & Oil unless noted

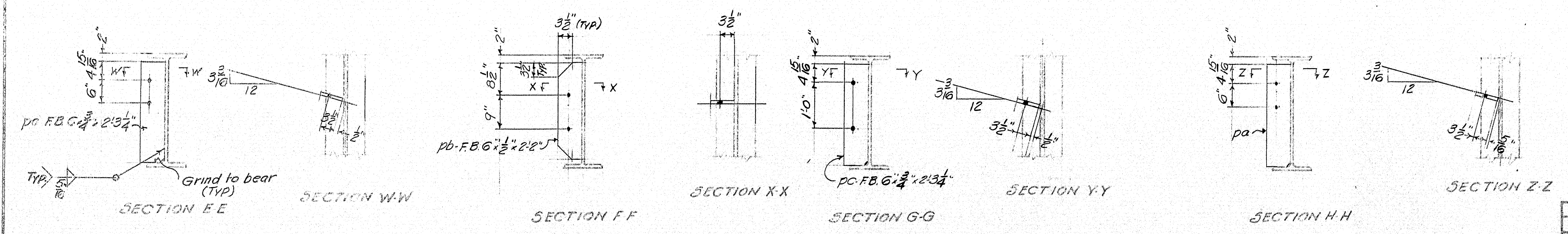
TYPICAL DETAILS
Bancroft & Martin Portland Mills Company
South Portland, Maine
LUNT ROAD OVER INTERSTATE
FALMOUTH, ME.
CUSTOMER W.H. HINMAN, INC.
DESIGNER M.S.H.C.

DRAWN	228-59 P.L.F.	ORDER NO.	DWG. NO. 9-26-53
REVISION			
REVISION			
REVISION			

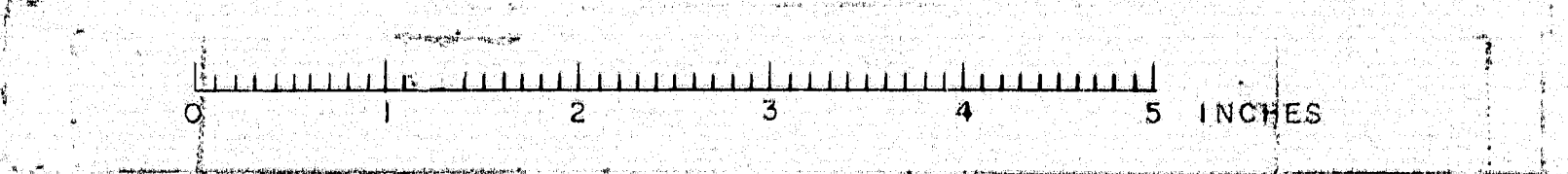
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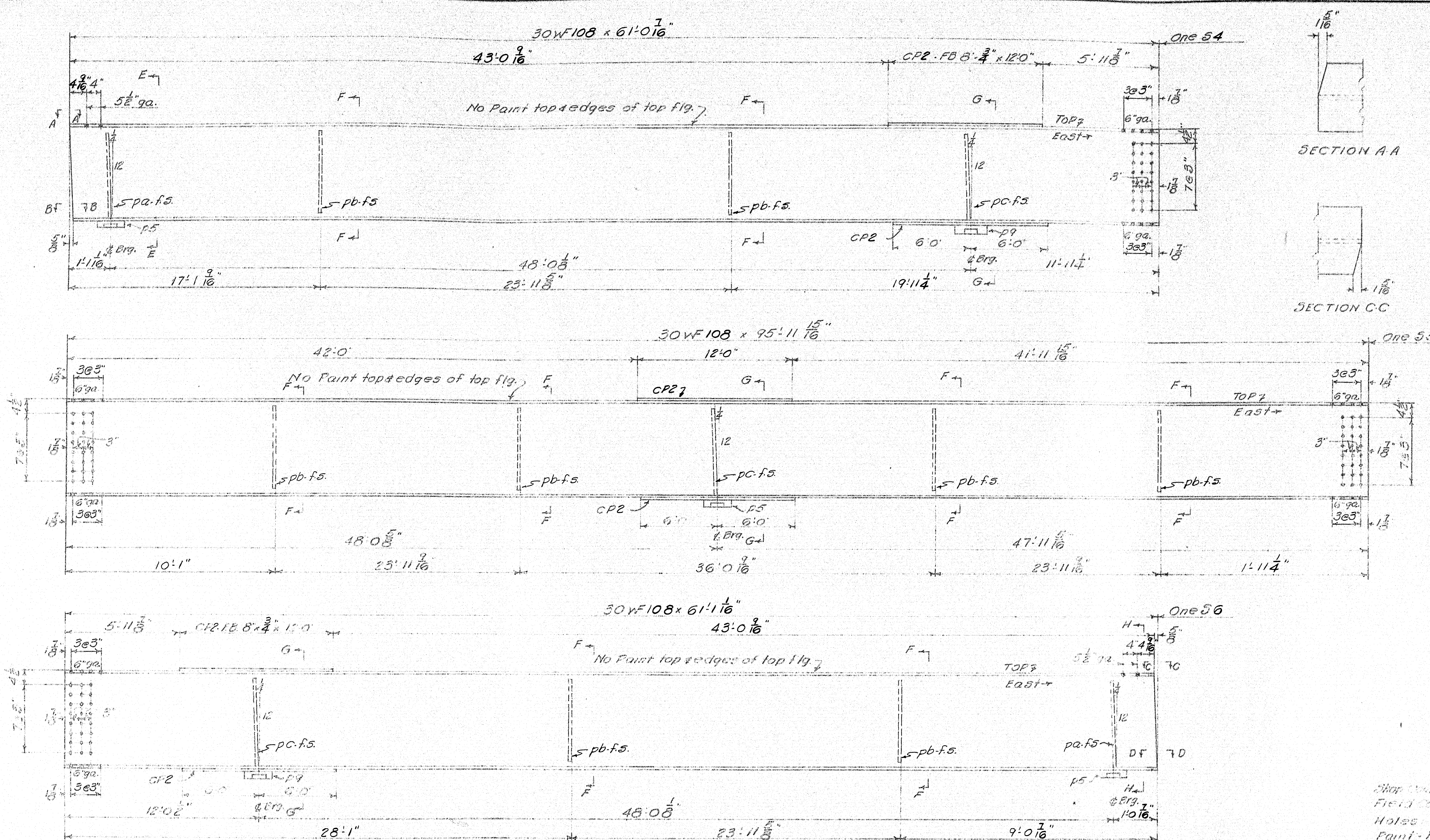


NOTES:
 Shop Details: Welded
 Field Connections: 1/2" dia. Strength Bolts & Welding
 Holes: 1/8" dia.
 Paint: Red Lead & Oil unless noted
 See Divy 9-26-53 for General Notes & typical details.

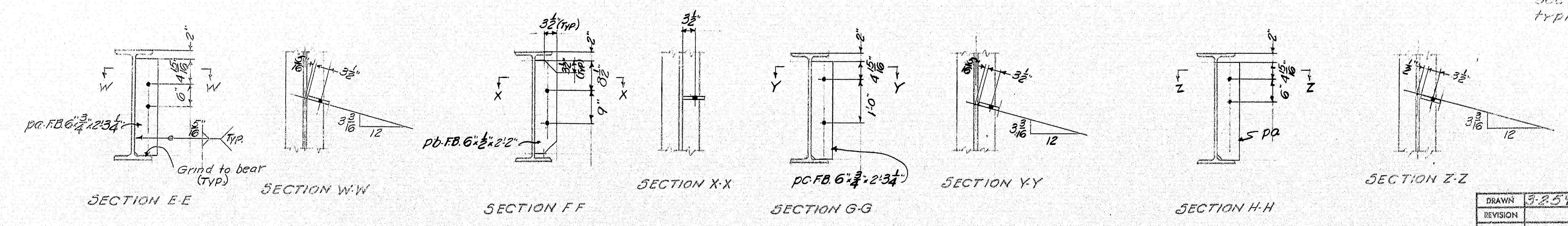


STRINGER DETAILS	
Bancroft & Martin Rolling Mills Company South Portland, Maine	
LUNT ROAD OVER INTERSTATE FALMOUTH, ME.	
CUSTOMER	W.H. HINMAN
DESIGNER	M.S.H.C.
ORDER NO.	DWG. NO. 9-26-54

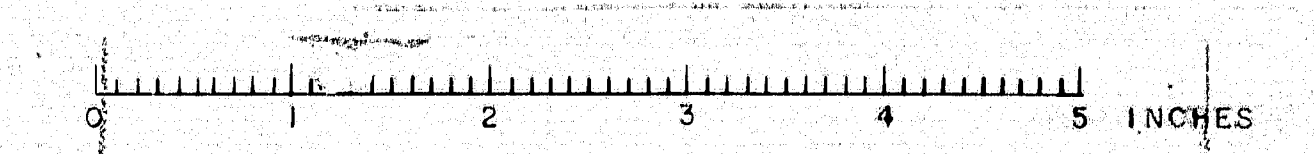


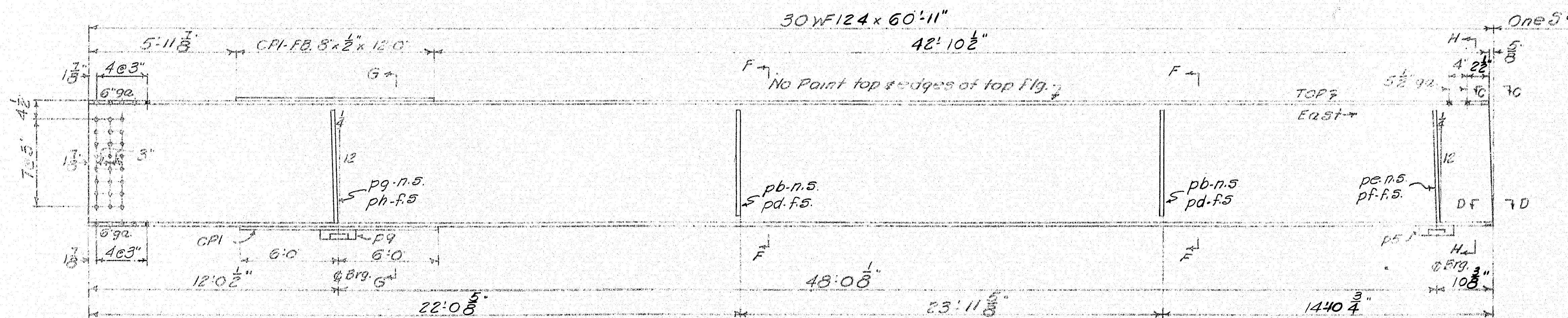
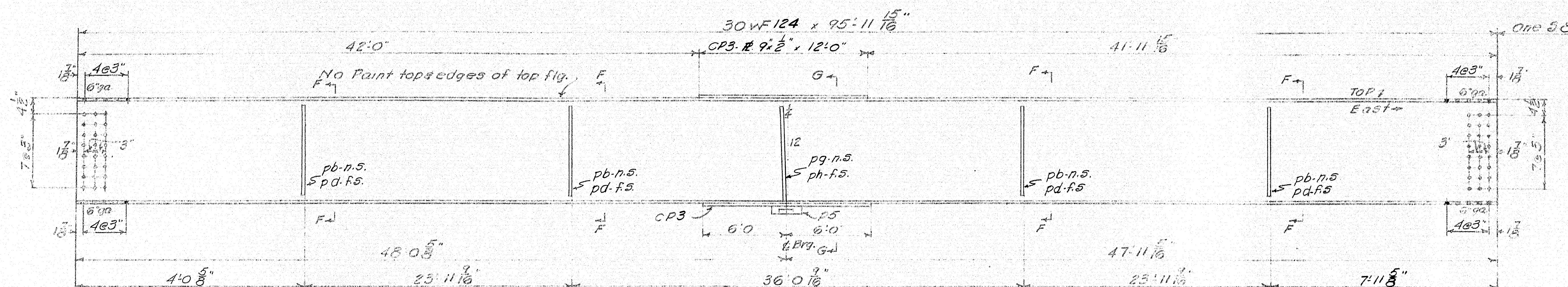
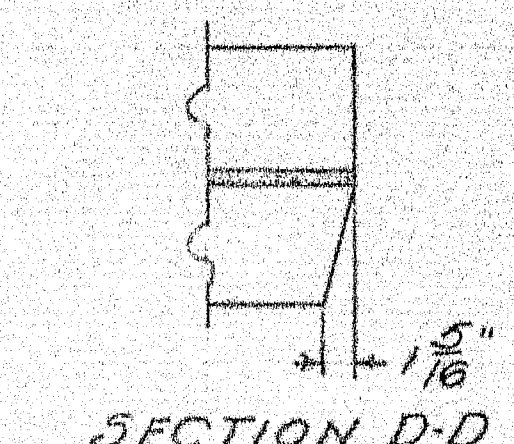
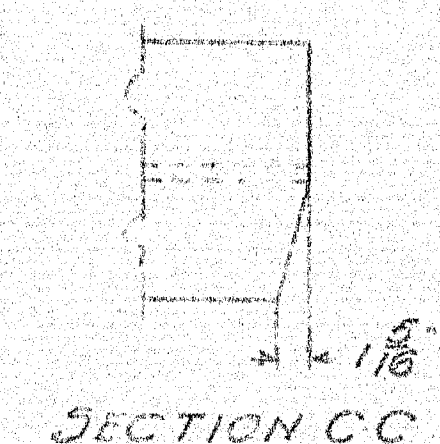
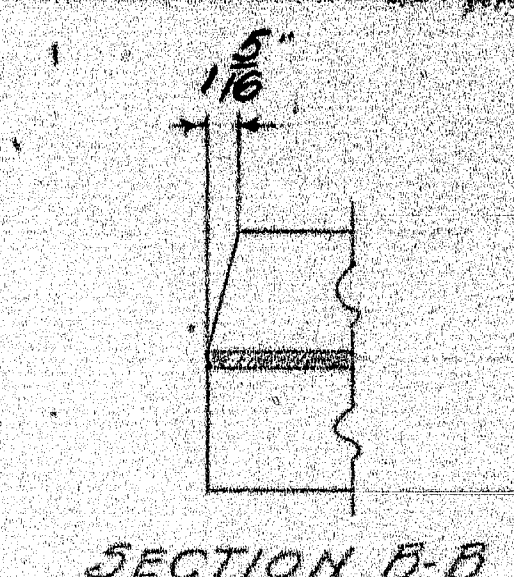
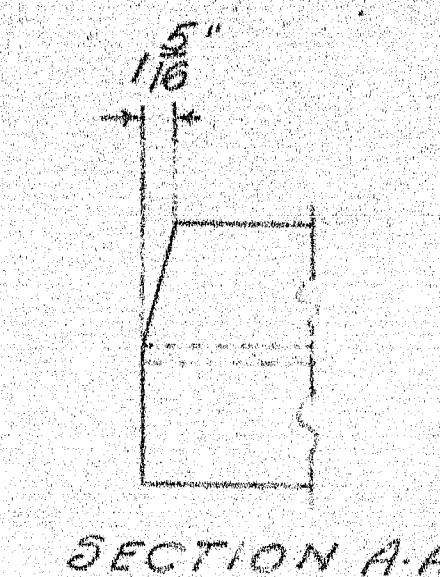
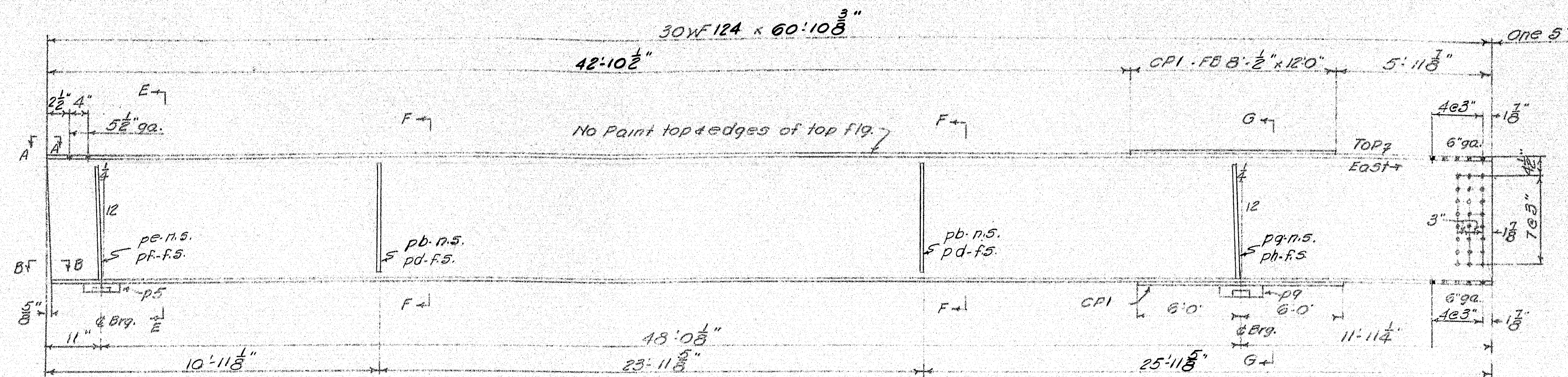


NOTES:
 Shop Connections: Welded
 Field Connections: 1/2" x 11" Strength Bolts & Welding
 Holes: 1/8" Ø
 Paint: Red Lead & Oil unless noted
 See Drawg. 9-26-53 for General Notes & typical details.

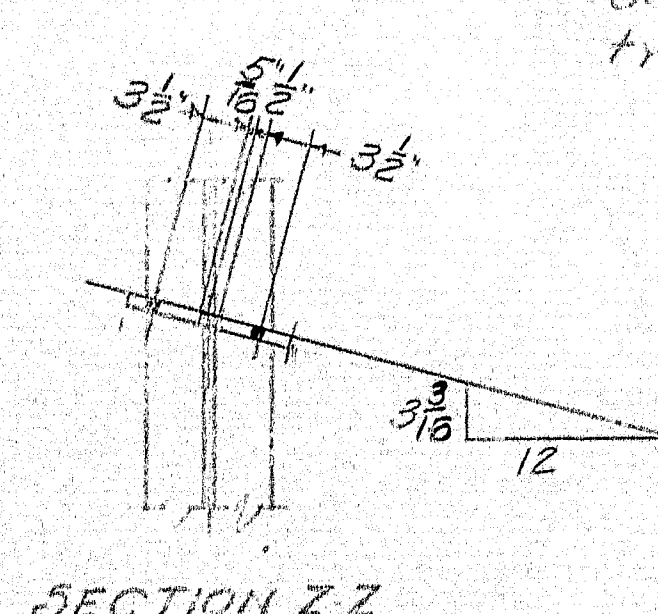
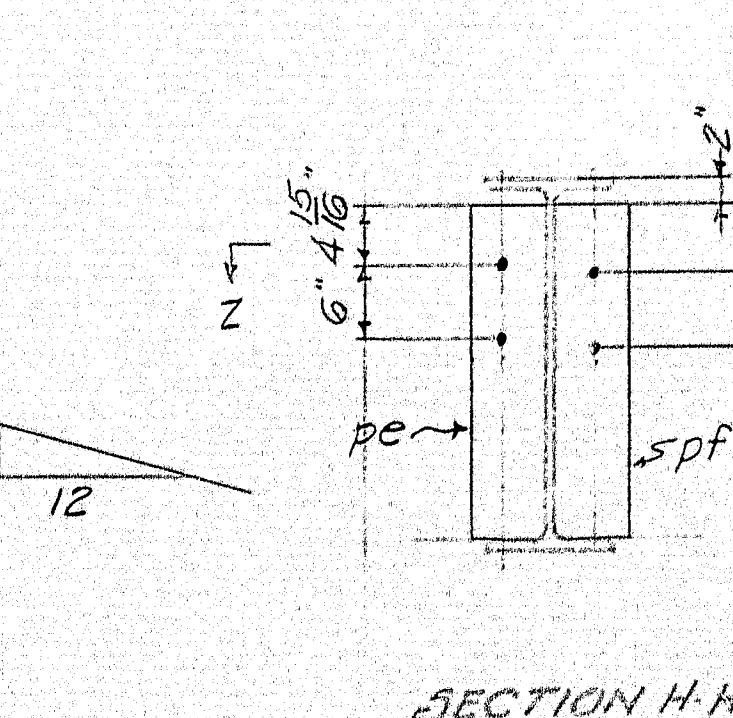
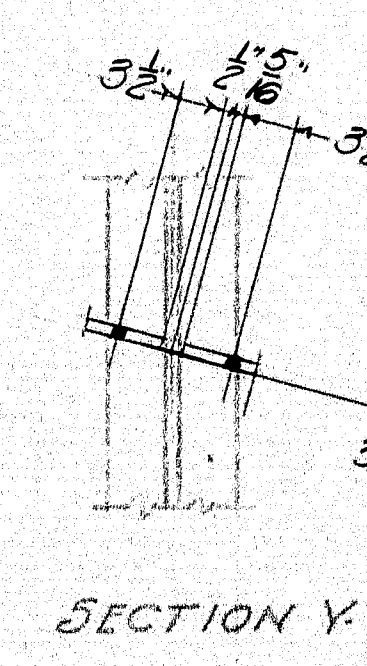
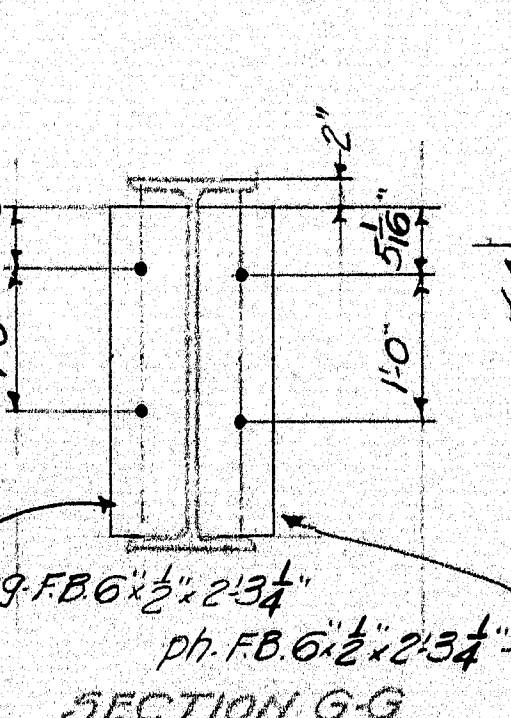
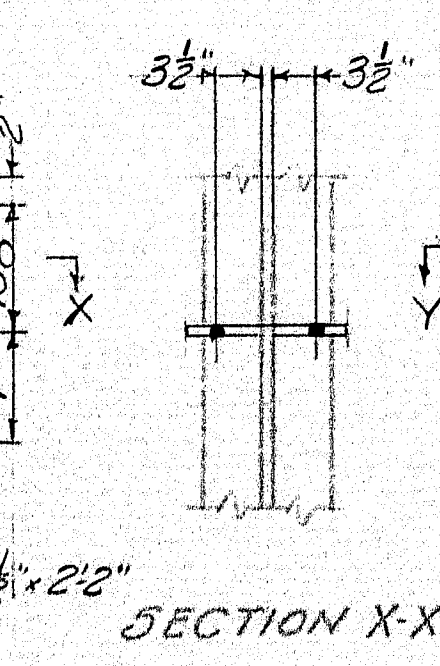
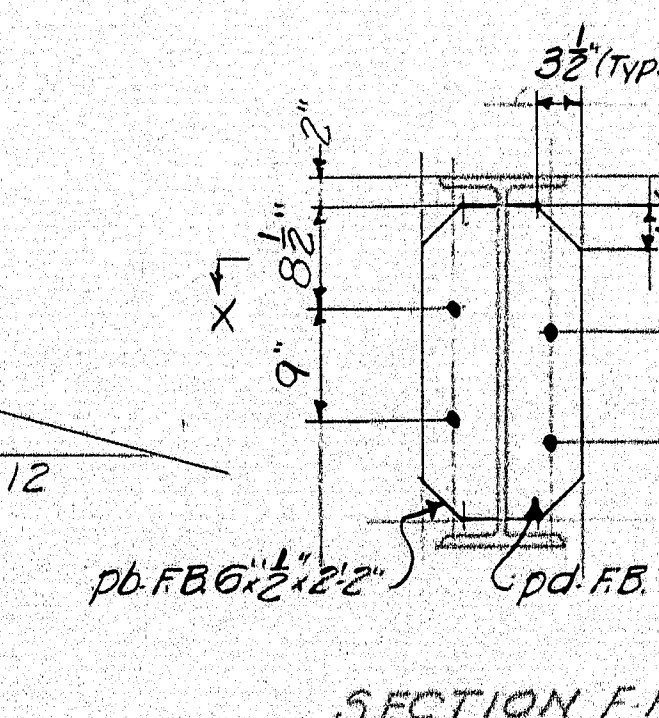
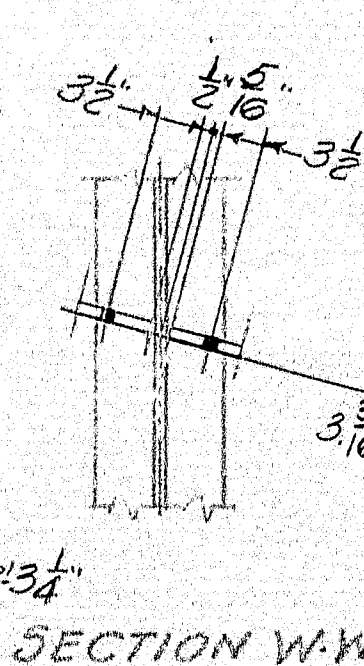
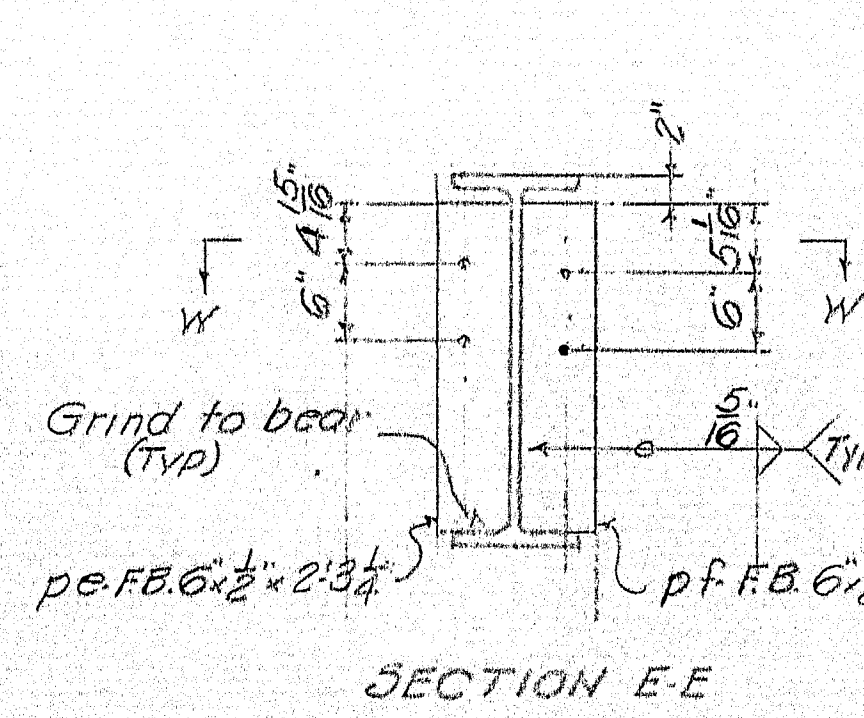


STRINGER DETAILS	
Bancroft & Martin Rolling Mills Company South Portland, Maine	
LUNT ROAD OVER INTERSTATE FALMOUTH, ME.	
CUSTOMER	W.H. HINMAN
DESIGNER	M.S.H.C.
ORDER NO.	DWG. NO. 9-26-55

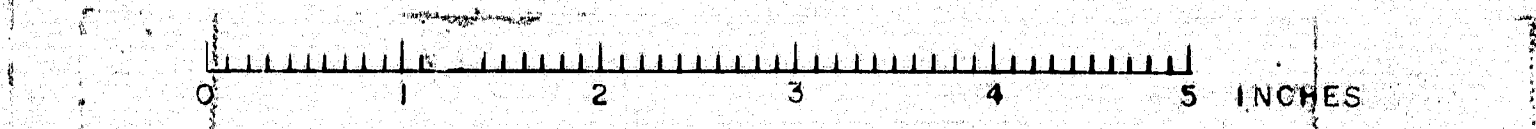


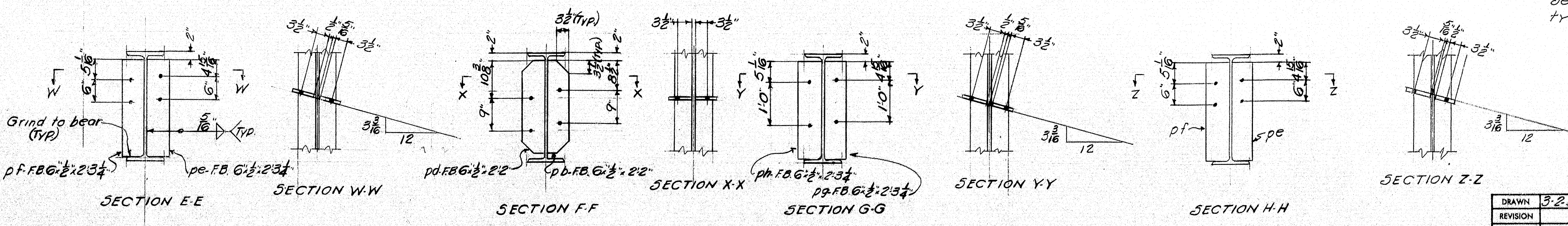
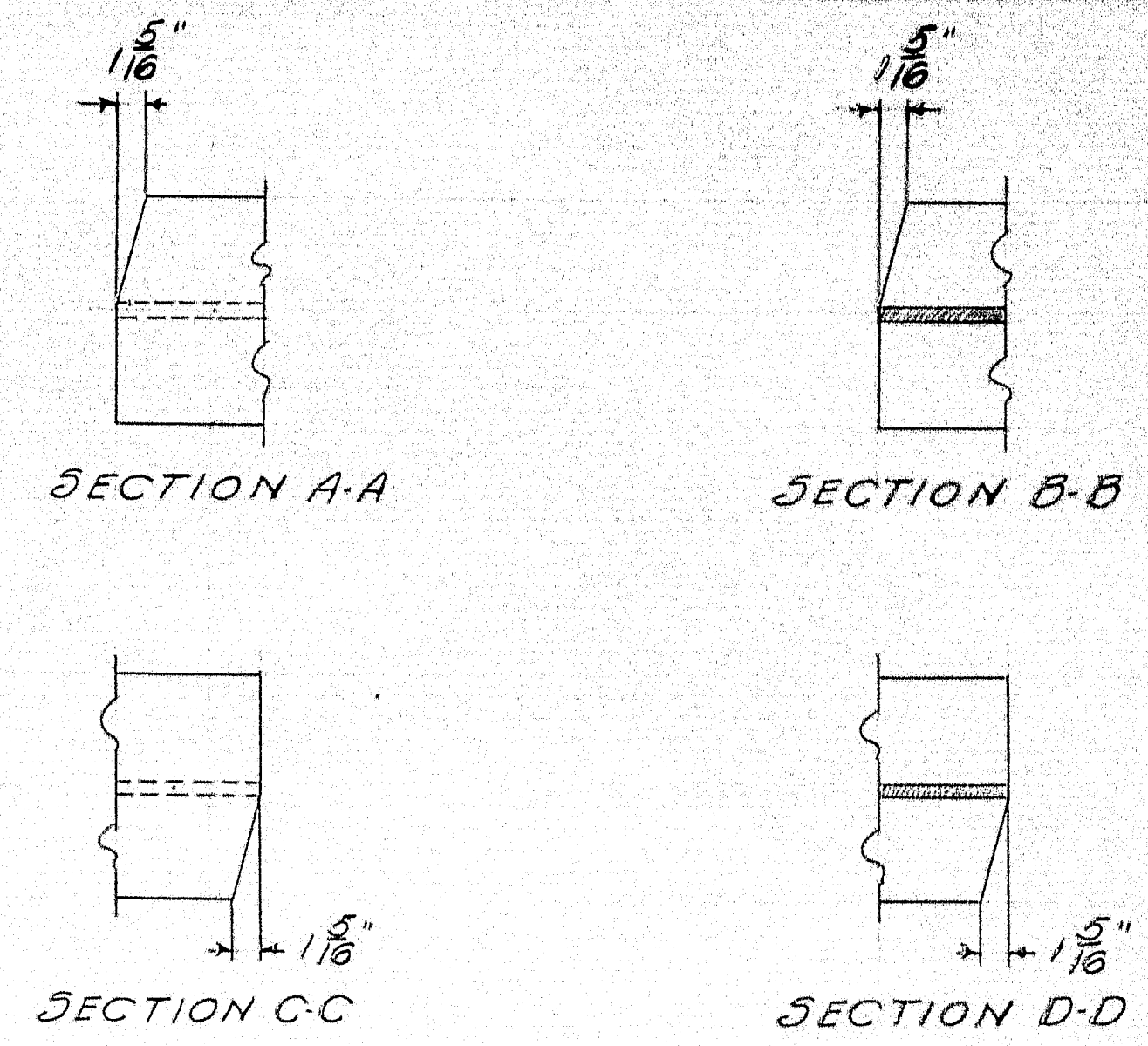
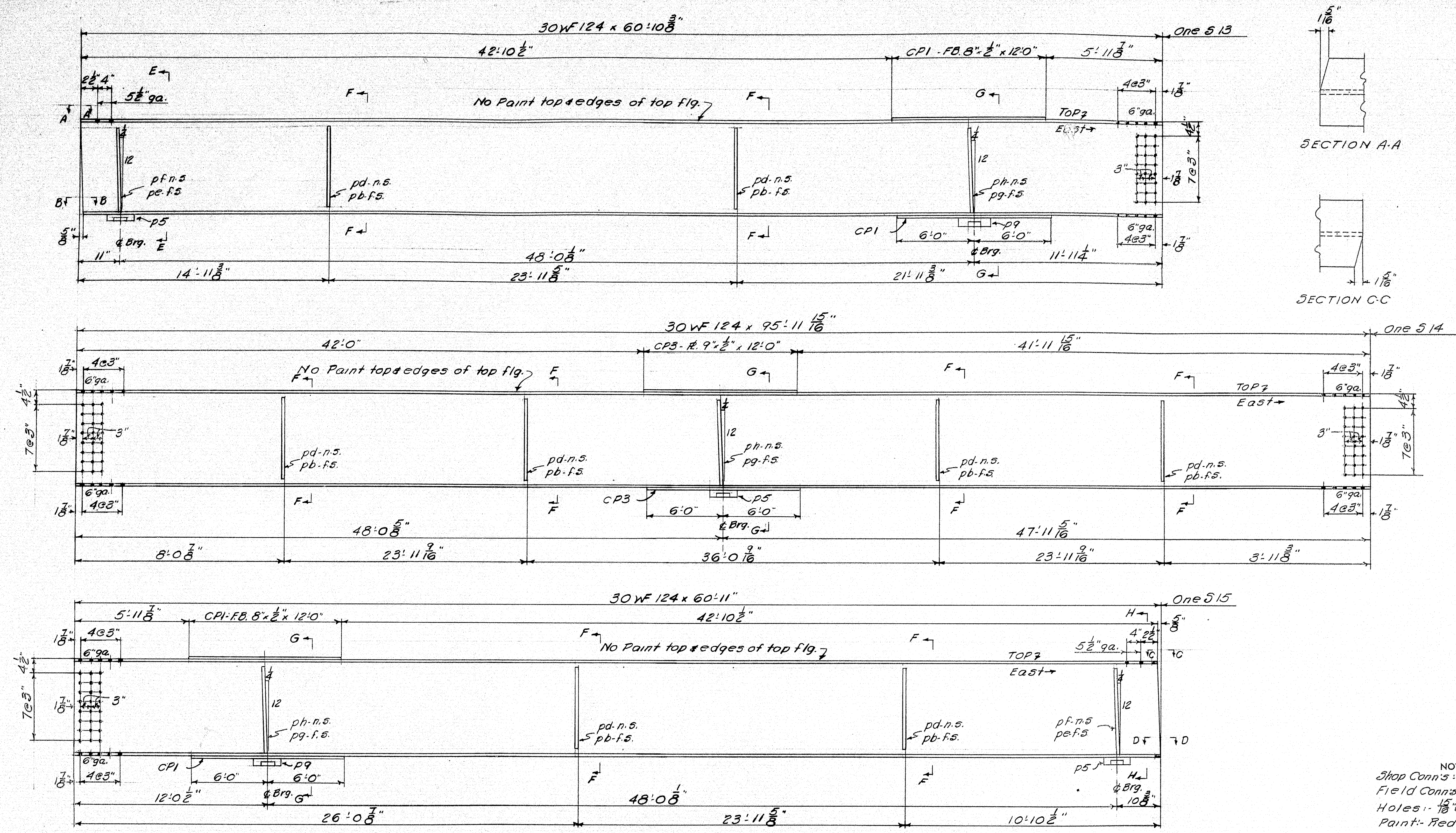


NOTES:
Shop Conns. Welded
Field Conns. 1/4" High-Strength Bolts & Welding
Holes: 1/8" ϕ
Paint: Red Lead & Oil unless noted
See Dwg. 9-26-53 for General Notes &
typical details.



STRINGER DETAILS	
Bancroft & Martin Rolling Mills Company	
South Portland, Maine	
LUNT ROAD OVER INTERSTATE	
FALMOUTH, ME.	
CUSTOMER	W.H. HINMAN
DESIGNER	M.S.H.C.
ORDER NO.	9-26-56
DWG. NO.	9-26-56



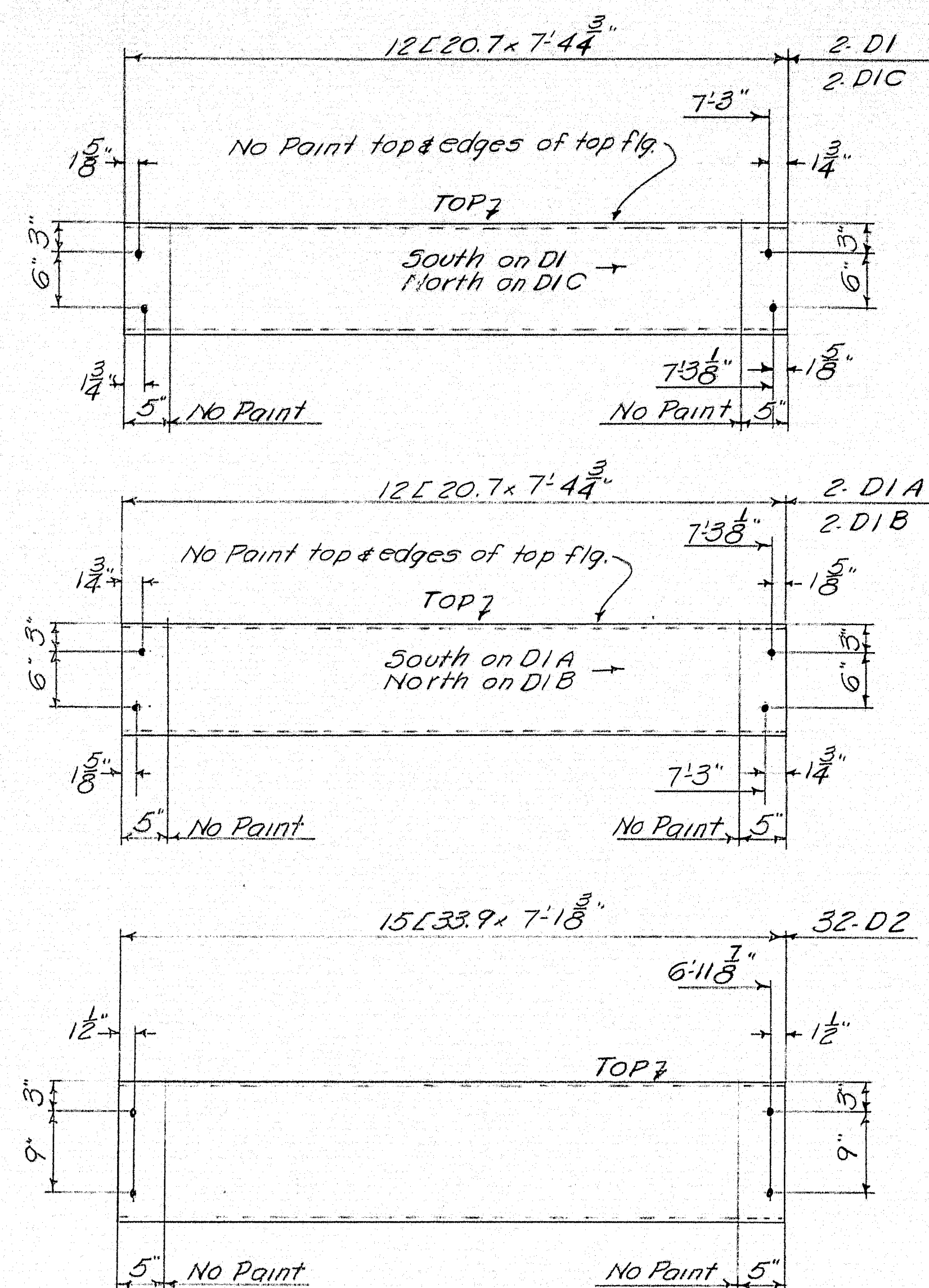


NOTES:
 Shop Conn's: Welded
 Field Conn's: 3/4" A325 Strength Bolts & Welding
 Holes: 1/8" dia
 Paint: Red Lead & Oil unless noted
 See Drwg. 9-26-53 for General Notes & typical details.

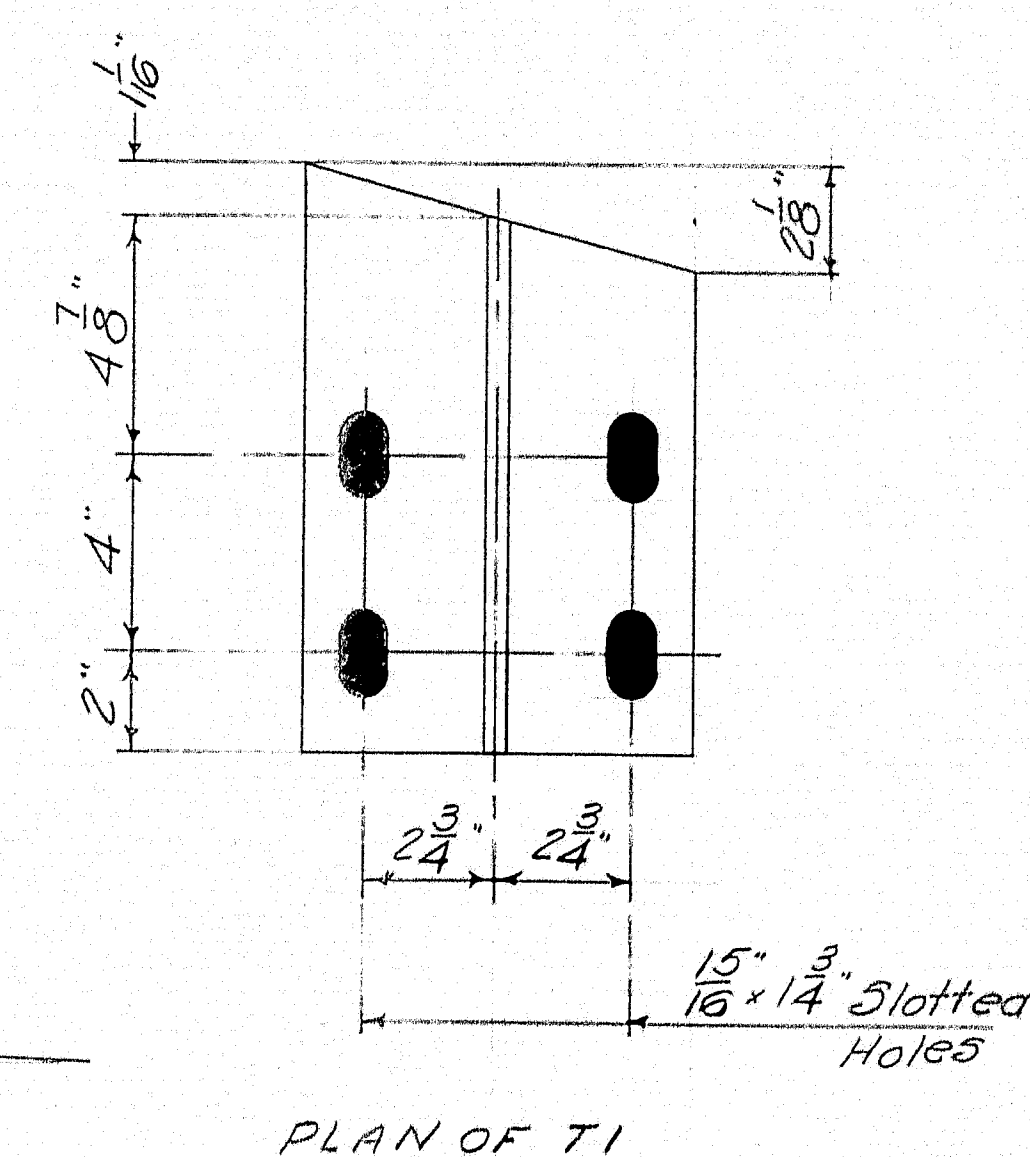
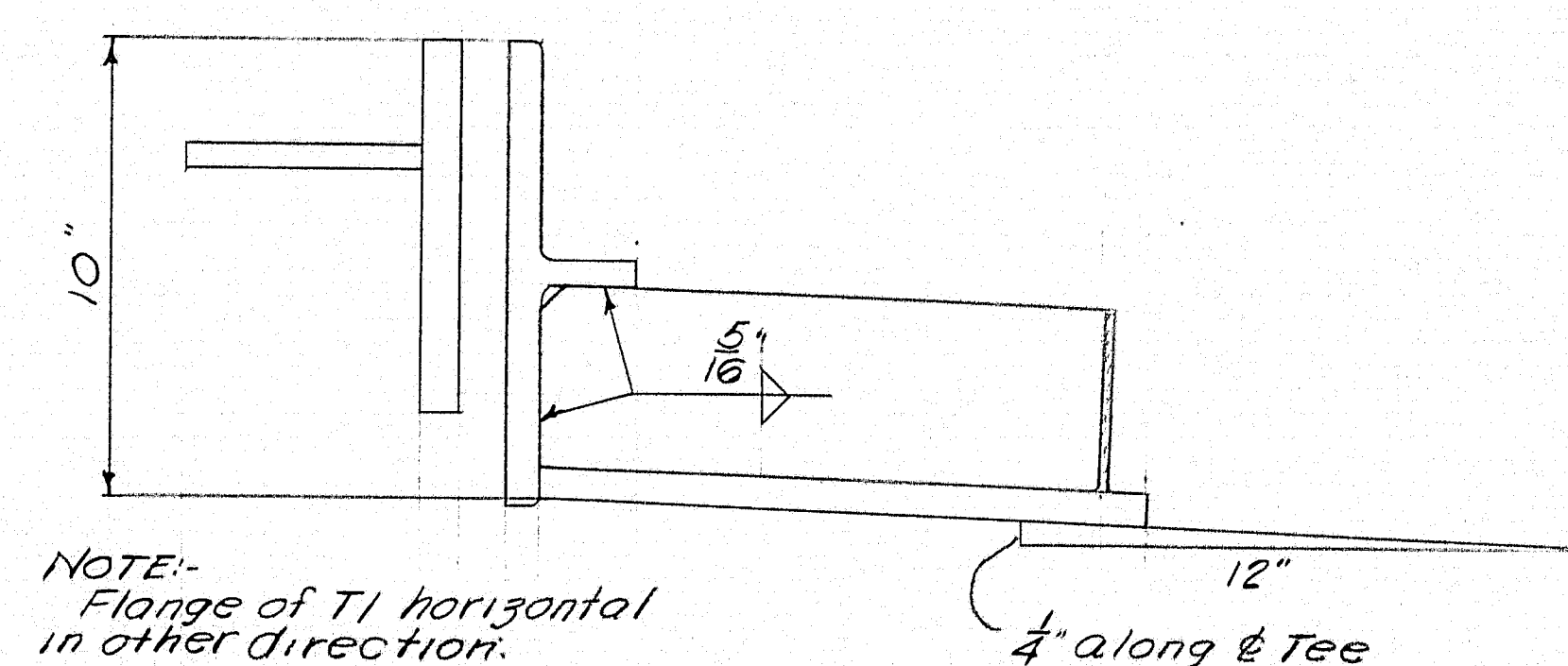
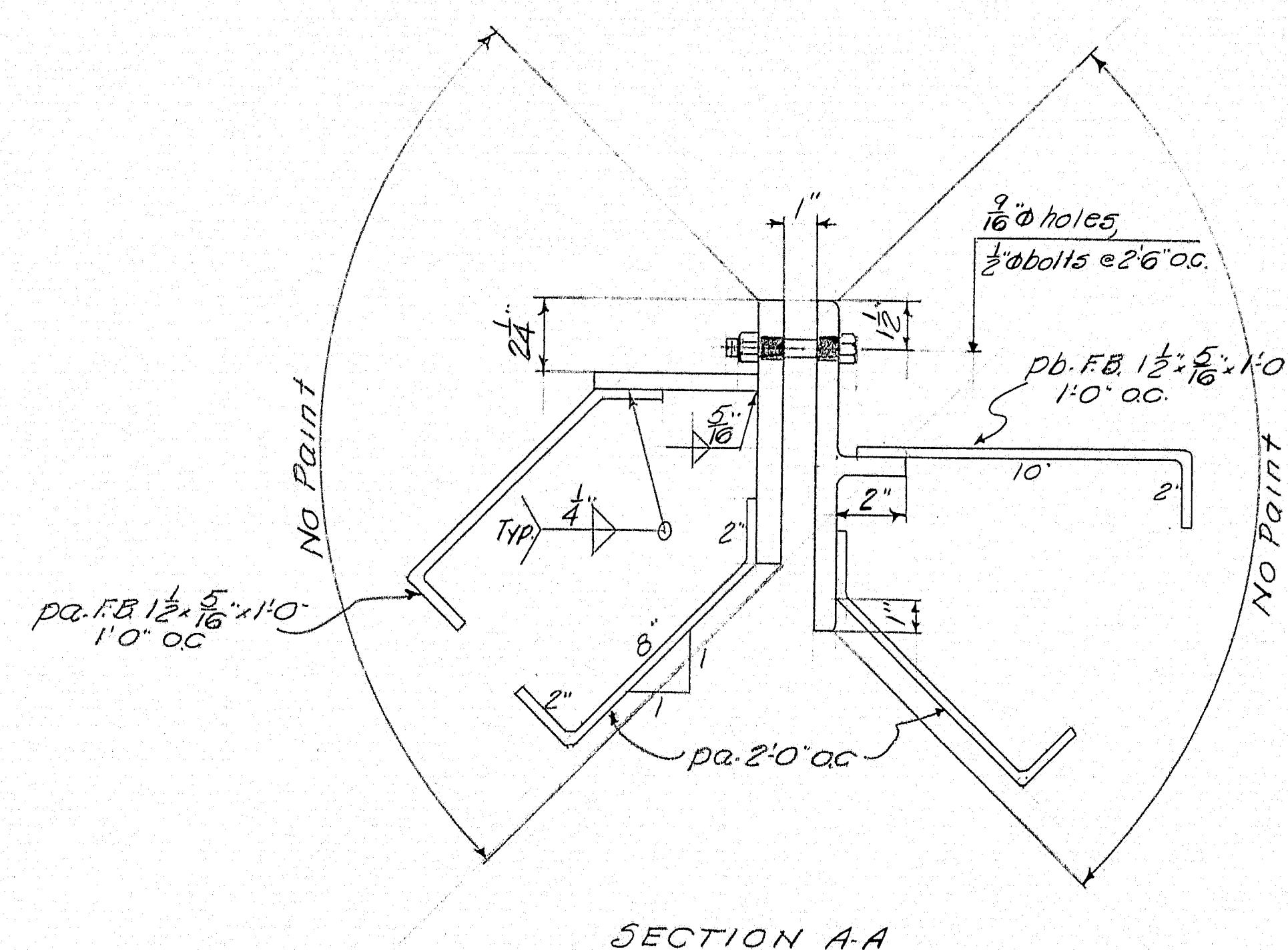
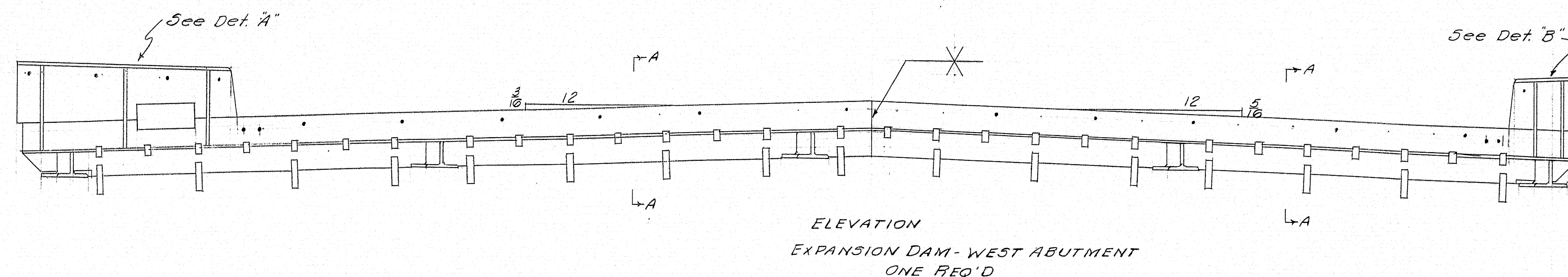
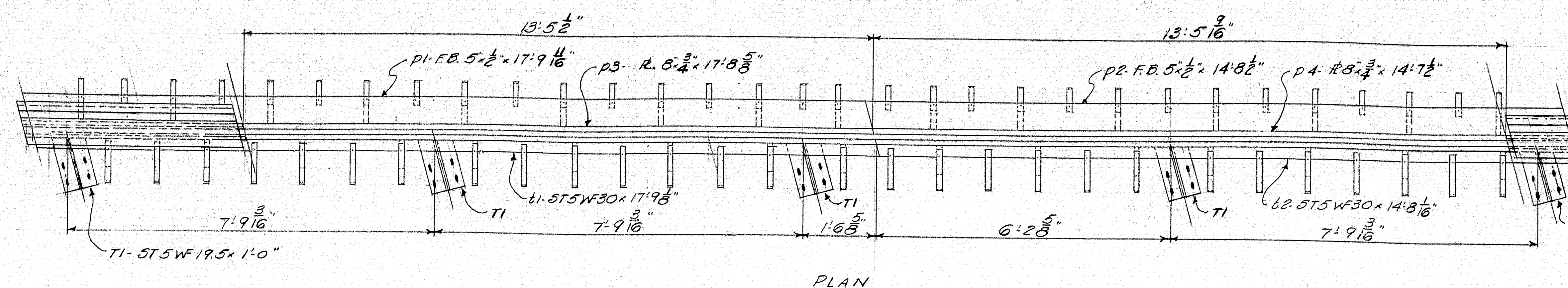
STRINGER DETAILS	
Bancroft & Martin Rollings Mills Company South Portland, Maine	
LUNT ROAD OVER INTERSTATE FALMOUTH, ME.	
CUSTOMER	W. H. HINMAN
DESIGNER	M. S. H. C.
ORDER NO.	9-26-53

DRAWN	3-259 P.L.F.
REVISION	
REVISION	
REVISION	

73-115

[illegible]

APR. 4-17-59	DIAPHRAGMS	
	Bancroft S. Martin Holdings Mills Company	
	South Portland I., Maine	
	LUNT ROAD OVER INTERSTATE FALMOUTH, ME.	
L.F.	CUSTOMER	W. H. HINMAN
	DESIGNER	M. S. H. C.
ORDER NO. _____		DWG. NO. 9-26-59



SHIP		BILL OF MATERIAL			DWG. NO. 926-516		
MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT. DEDUCTION	REMARKS
EXP DAM WEST ABUT	1		Shop Assembly	—			
	1	b1	5T5W30	17 9 $\frac{1}{8}$		74	
	1	b2	do	14 8 $\frac{1}{16}$		57	
	5	T1	5T5W19.5	1 0		16	
	1	P1	FB. 5x $\frac{1}{2}$	17 9 $\frac{1}{16}$		1	
	1	P2	do	14 8 $\frac{1}{8}$		1	
	1	P3	R 8x $\frac{1}{4}$	17 8 $\frac{3}{8}$		8	
	1	P4	do	14 7 $\frac{1}{2}$		2	
	63	PQ	FB. 1 $\frac{1}{2}$ x $\frac{5}{16}$	1 0			
	38	Pb	do	1 0			
	1	P5	FB. 1 $\frac{1}{2}$ x $\frac{3}{8}$	4 6 $\frac{3}{16}$			
	1	P6	do	1 4 $\frac{15}{16}$			
	1	P7	FB. 4x $\frac{3}{8}$	4 6 $\frac{3}{8}$			
	1	P8	do	1 5 $\frac{1}{8}$			
	1	P9	FB. 4 $\frac{1}{2}$ x $\frac{3}{8}$	4 7		1	
	1	P10	do	1 5 $\frac{3}{4}$		1	
	1	P11	R 10 $\frac{1}{2}$ x $\frac{1}{2}$	4 6 $\frac{15}{16}$		14	
	1	P12	R 10 $\frac{1}{2}$ x $\frac{1}{2}$	4 6 $\frac{15}{16}$		14	
	1	P13	R 9 $\frac{1}{4}$ x $\frac{1}{2}$	1 5 $\frac{1}{16}$		2	
	1	P14	R 8 $\frac{3}{8}$ x $\frac{1}{2}$	1 5 $\frac{1}{16}$		2	
	1	P15	FB. 3x $\frac{1}{2}$	1 1 $\frac{1}{16}$			
	1	P16	do	1 2 $\frac{1}{16}$			
	1	P17	do	1 3 $\frac{1}{16}$			
	1	P18	do	0 10 $\frac{1}{4}$			
	1	P19	do	0 11 $\frac{1}{2}$			
	1	P20	do	1 0 $\frac{1}{2}$			
	1	P21	do	1 1 $\frac{3}{8}$			
	1	P22	do	0 10 $\frac{1}{16}$			
	1	P23	do	1 1 $\frac{3}{8}$			
	1	P24	do	0 10 $\frac{5}{16}$			
Shim C	5		FB. 8x $\frac{1}{8}$	0 8			
Shim A	10		FB. 8x $\frac{1}{16}$	0 8			
	5		FB. 8x $\frac{1}{4}$	0 8			
	17	Shop	$\frac{1}{2}$ " M. Bolt	0 3 $\frac{1}{4}$			
Field	20		$\frac{3}{8}$ " M. Bolt	0 3			
	1	Shop	$\frac{1}{4}$ " Fillet Weld	92 0			.107" / ft.
	1	Shop	$\frac{5}{16}$ " Fillet Weld	111 0			.166" / ft.

This Bill of Mat'l covers Drwgs 9-26-5104-5111

SHOP CONNECTIONS: *Welded & Bolted*
FIELD CONNECTIONS: *Bolted*
HOLES: *1 1/2" unless noted*
PAINT: *Red Lead & Oil unless noted*

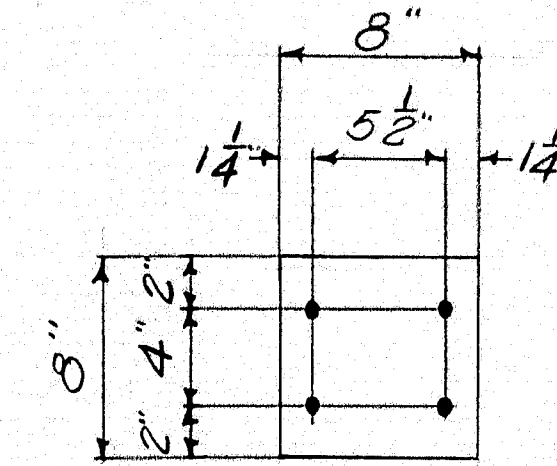
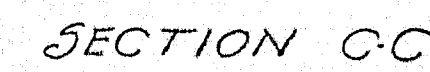
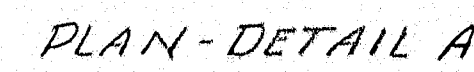
APP. 4-17-59	EXPANSION DAM-WEST ABUTMENT	
	Bancroft & Martin Rollings Mills Company South Portland T. Maine	
	LUNT ROAD OVER INTERSTATE FALMOUTH, ME.	
	CUSTOMER	W. H. HINMAN
F	DESIGNER	M. S. H. C.
ORDER NO. _____		DWG. NO. 926-510

DRAWN	3-31-59	P.L.
REVISION		
REVISION		
REVISION		

10

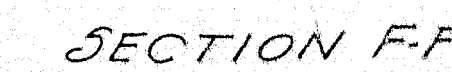
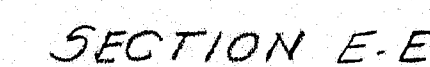
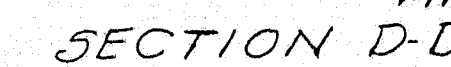
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73-117

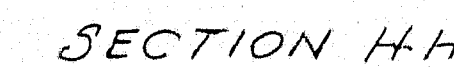


PLAN - DETAIL B

PLAN - DETAIL E

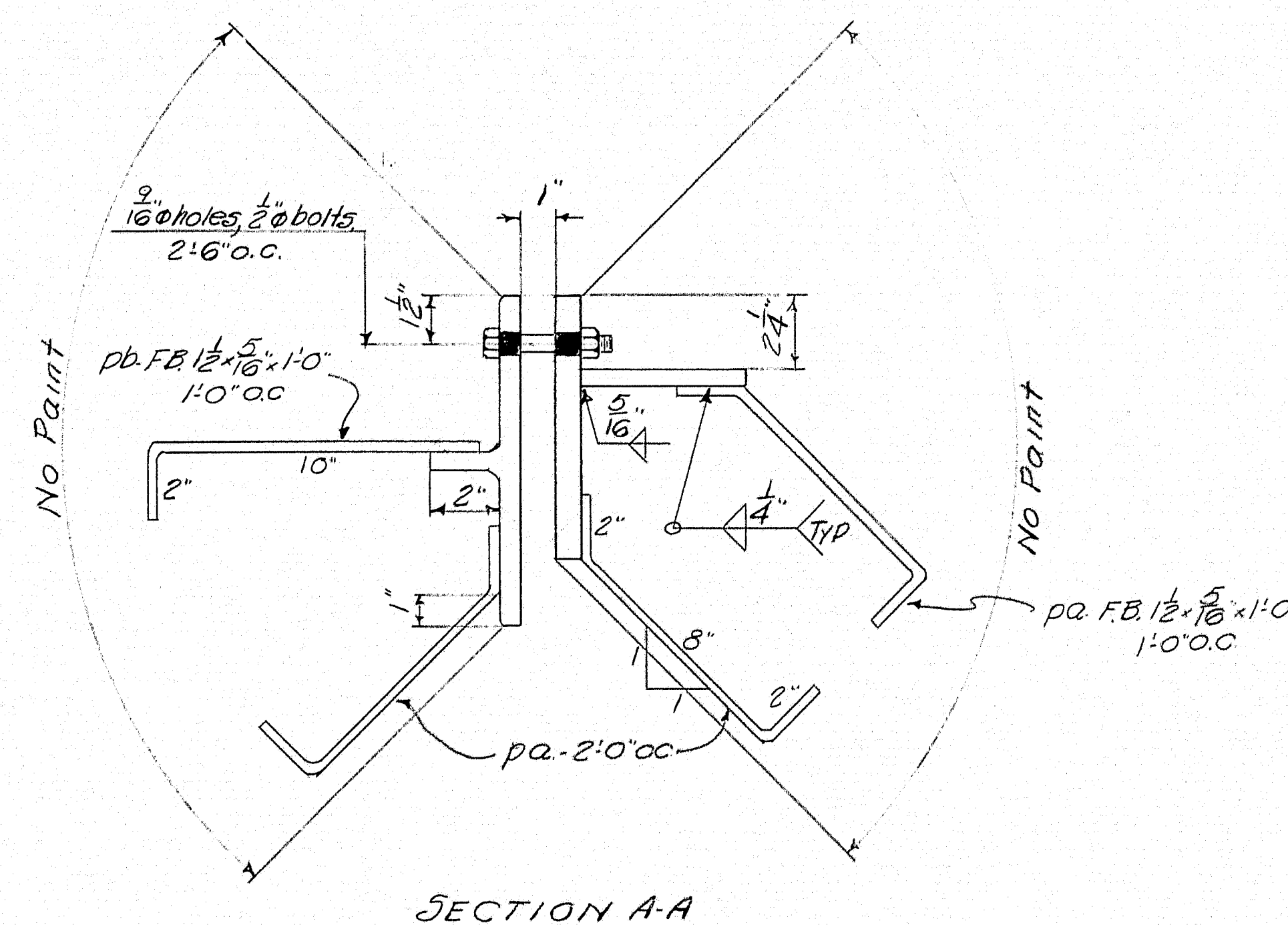
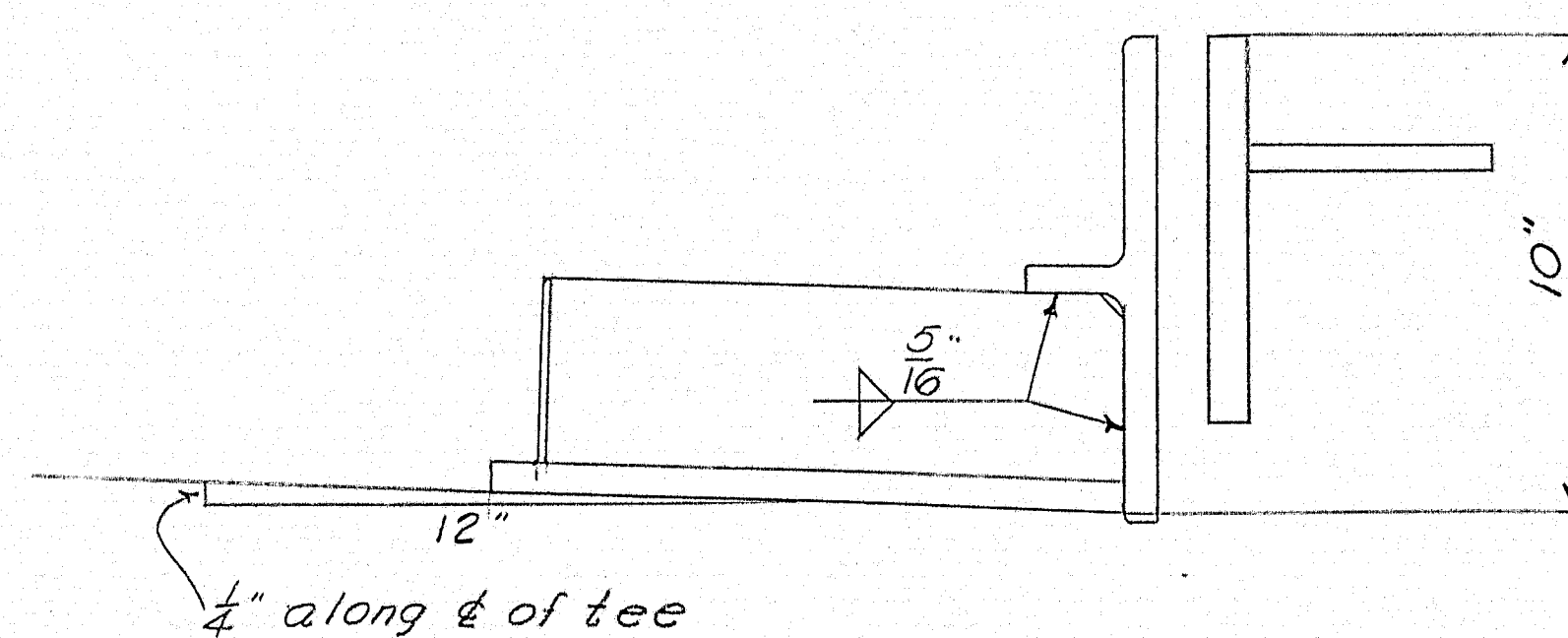
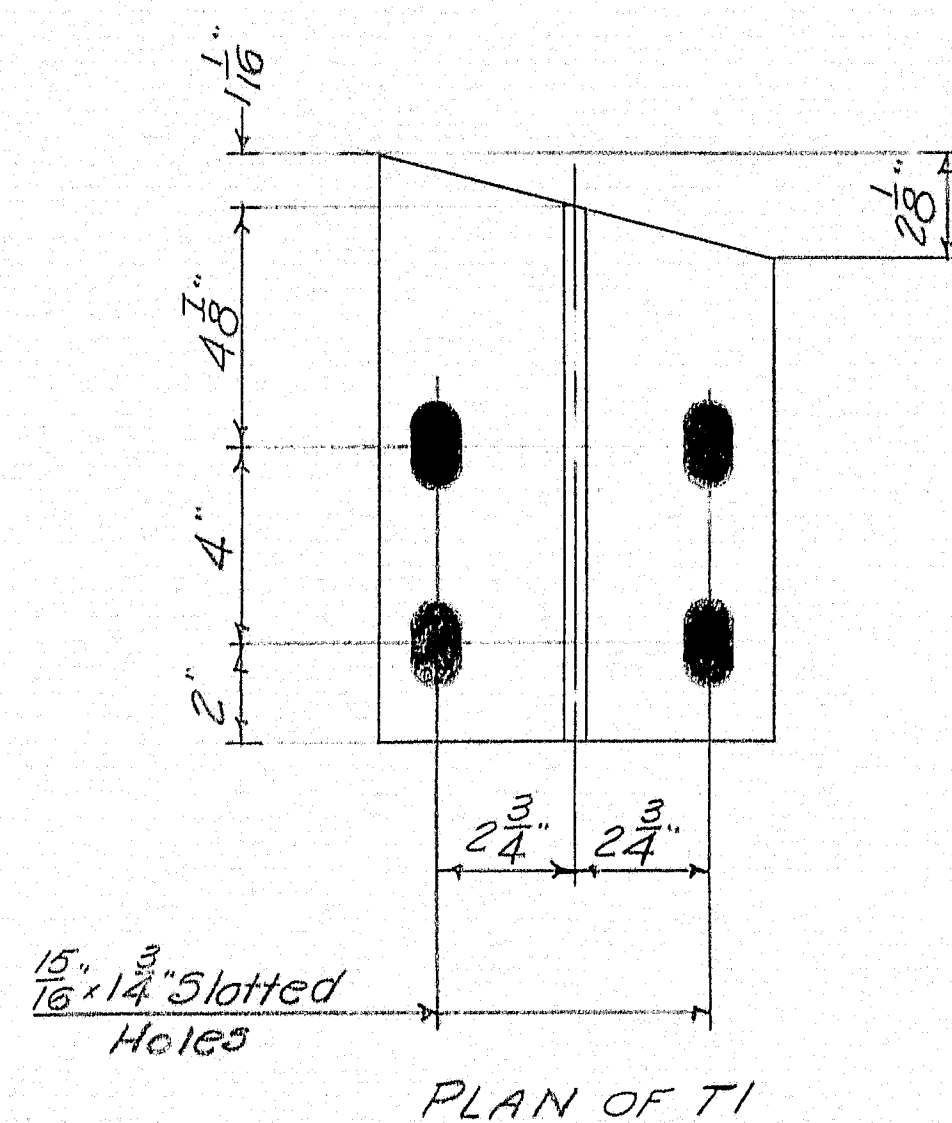
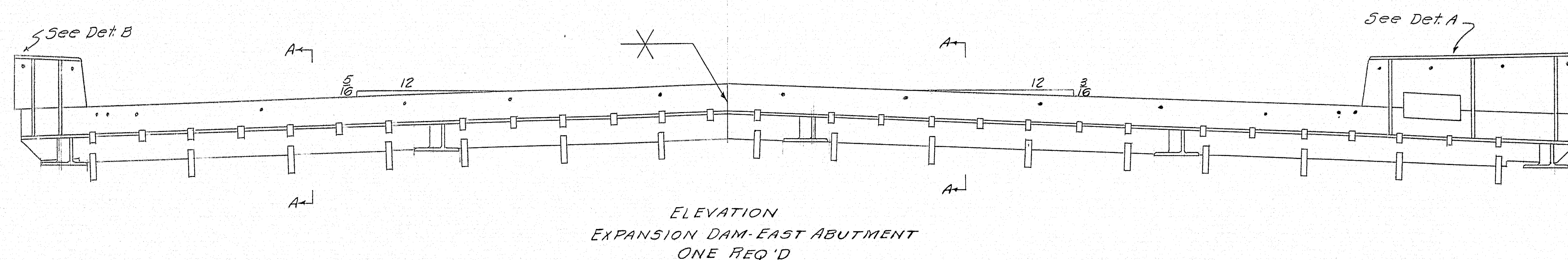
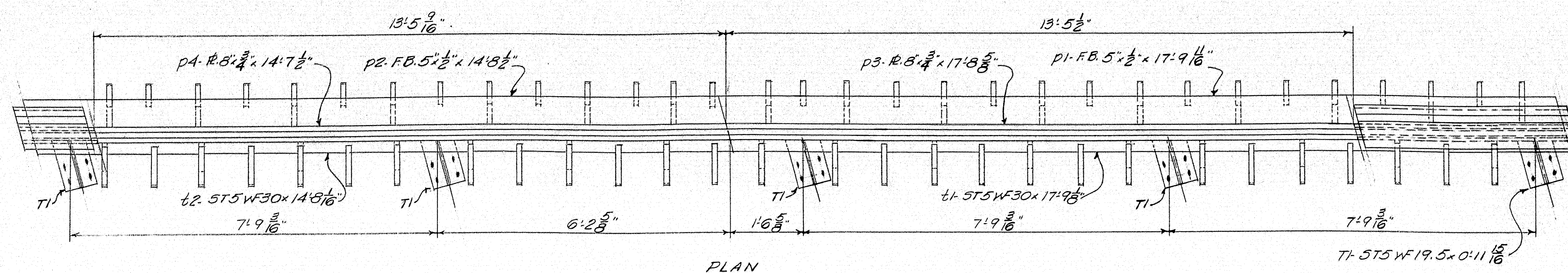


SECTION G-G



DRAWN	3-31-59	P.L.F.
REVISION		
REVISION		
REVISION		

APR 4-17-59	EXPANSION DAM-WEST ABUTMENT	
	Bancroft & Martin Rolling Mills Company South Portland 1, Maine	
	LUNT ROAD OVER INTERSTATE FALMOUTH, ME.	
	CUSTOMER	W. H. HINMAN
	DESIGNER	M. S. H. C.
ORDER NO. _____		DWG. NO. 9-26-511



SHIP		BILL OF MATERIAL				DWG. NO. 926-512	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT. DEDUCTION	REMARKS
EARDIAN EAST HAND	1		Shop Assembly		—		
	1	61	ST5WF30	17 9 $\frac{3}{8}$		74	
	1	62	do	14 8 $\frac{1}{16}$		57	
	5	T1	ST5WF195	1 0		16	
	1	P1	F.B. 5 $\times\frac{1}{2}$	17 9 $\frac{1}{16}$		1	
	1	P2	do	14 8 $\frac{1}{8}$		1	
	1	P3	F.B. 8 $\times\frac{3}{4}$	17 8 $\frac{3}{8}$		8	
	1	P4	do	14 7 $\frac{1}{2}$		2	
	63	P5	F.B. 1 $\frac{1}{2}\times\frac{5}{16}$	1 0			
	38	P6	do	1 0			
	1	P5	F.B. 1 $\frac{1}{2}\times\frac{3}{8}$	4 6 $\frac{3}{16}$			
	1	P6	do	1 4 $\frac{1}{16}$			
	1	P7	F.B. 4 $\times\frac{3}{8}$	4 6 $\frac{3}{8}$			
	1	P8	do	1 5 $\frac{3}{8}$			
	1	P9	F.B. 4 $\frac{1}{2}\times\frac{3}{8}$	4 7		1	
	1	P10	do	1 5 $\frac{3}{8}$		1	
	1	P11	R. 10 $\frac{13}{16}\times\frac{1}{2}$	4 6 $\frac{13}{16}$		14	
	1	P12	R. 10 $\frac{1}{16}\times\frac{1}{2}$	4 6 $\frac{1}{16}$		14	
	1	P13	R. 9 $\frac{1}{4}\times\frac{1}{2}$	1 5 $\frac{1}{16}$		2	
	1	P14	R. 8 $\frac{3}{8}\times\frac{1}{2}$	1 5 $\frac{1}{16}$		2	
	1	P15	F.B. 3 $\times\frac{1}{2}$	1 1 $\frac{1}{16}$			
	1	P16	do	1 2 $\frac{1}{16}$			
	1	P17	do	1 3 $\frac{1}{16}$			
	1	P18	do	0 10 $\frac{3}{8}$			
	1	P19	do	0 11 $\frac{1}{8}$			
	1	P20	do	1 0 $\frac{1}{2}$			
	1	P21	do	1 1 $\frac{3}{8}$			
	1	P22	do	0 10 $\frac{1}{16}$			
	1	P23	do	1 1 $\frac{3}{8}$			
	1	P24	do	0 10 $\frac{15}{16}$			
Ship	5		F.B. 8 $\times\frac{3}{8}$	0 8			
Ship	10		F.B. 8 $\times\frac{1}{16}$	0 8			
Ship A	5		F.B. 8 $\times\frac{1}{4}$	0 8			
	17	Shop	$\frac{1}{2}$ " M. Bolt	0 3 $\frac{1}{4}$			
Field	20		$\frac{3}{8}$ " M. Bolt	0 3			
	1	Shop	$\frac{1}{4}$ " Fillet Weld	92 0			1.107 #/ft.
	1	Shop	$\frac{5}{16}$ " Fillet Weld	111 0			1.166 #/ft.

This Bill of Mat'l covers Drwg's. 9-26-512 & 513

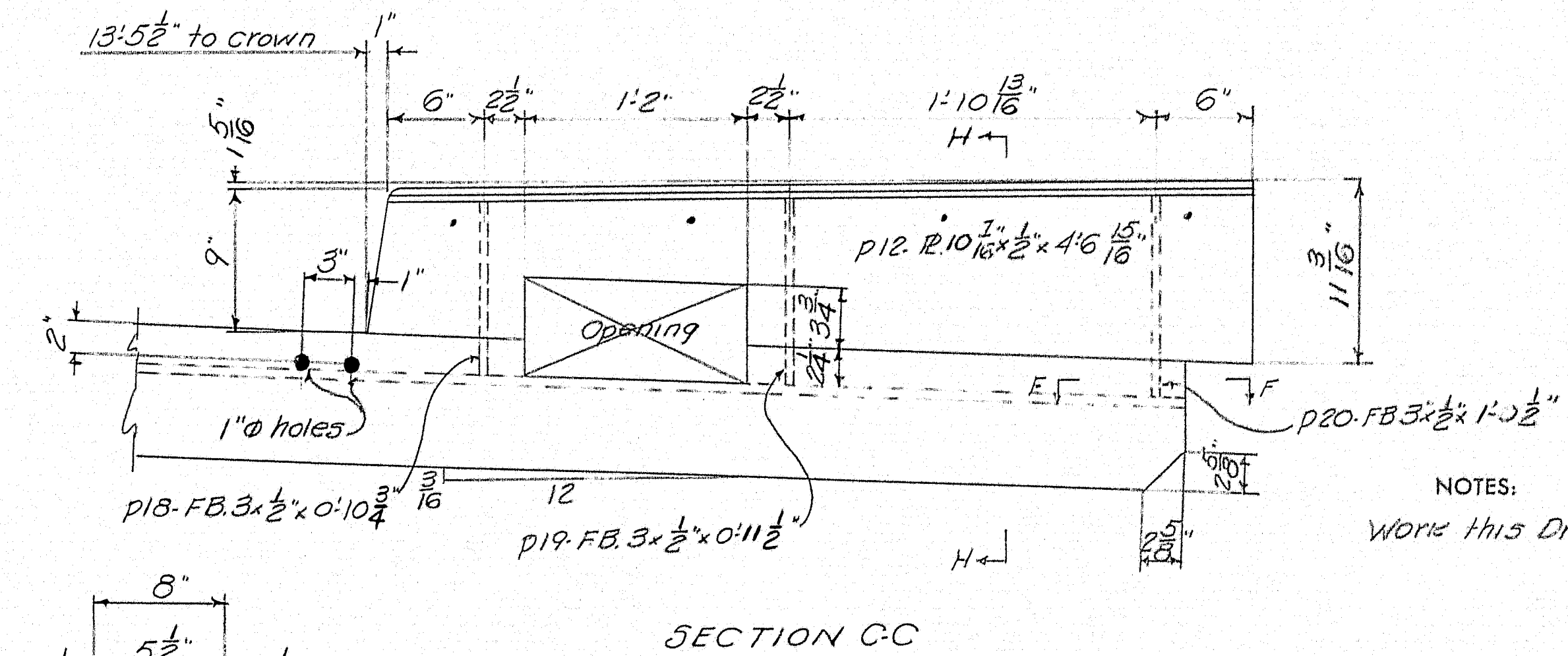
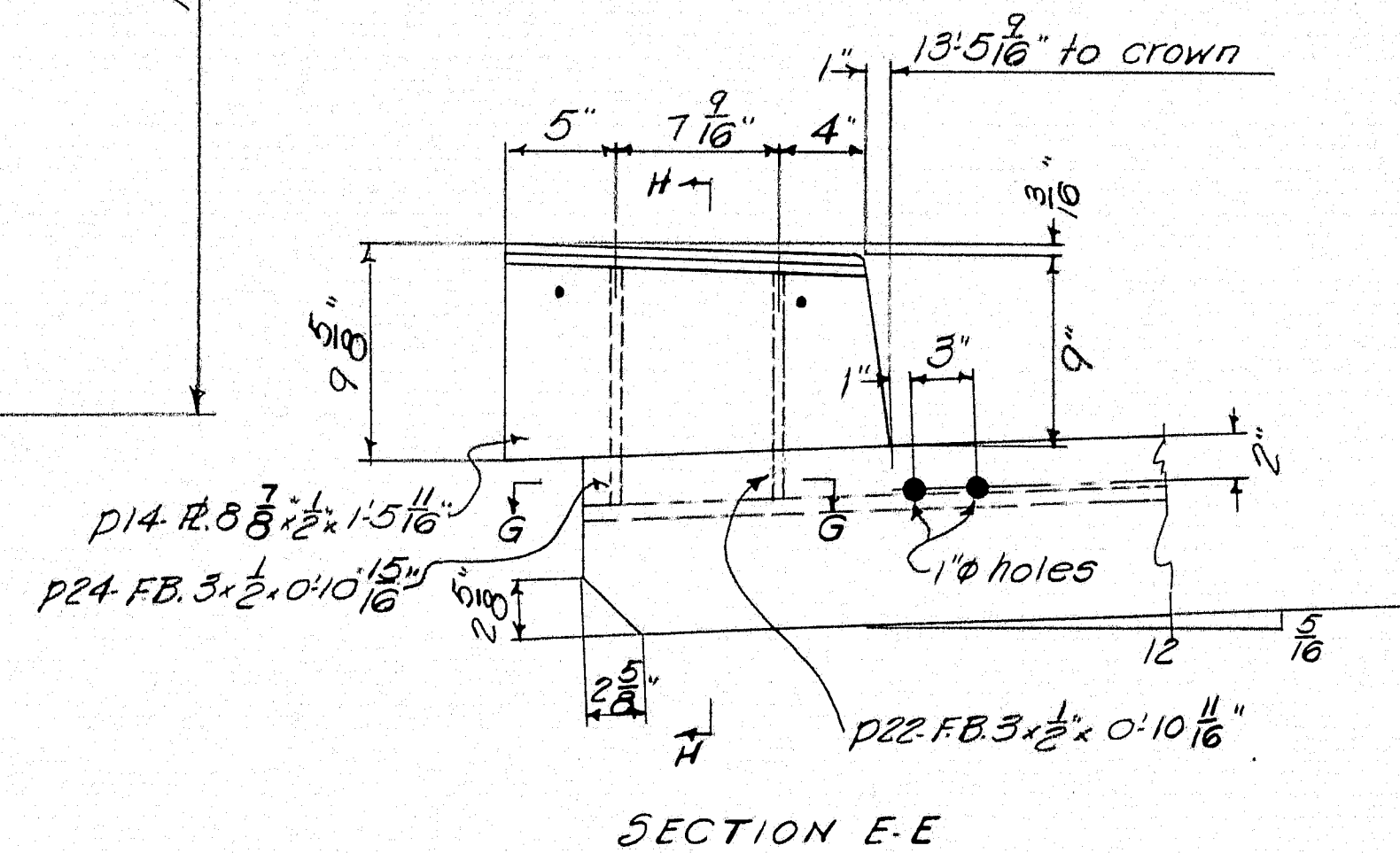
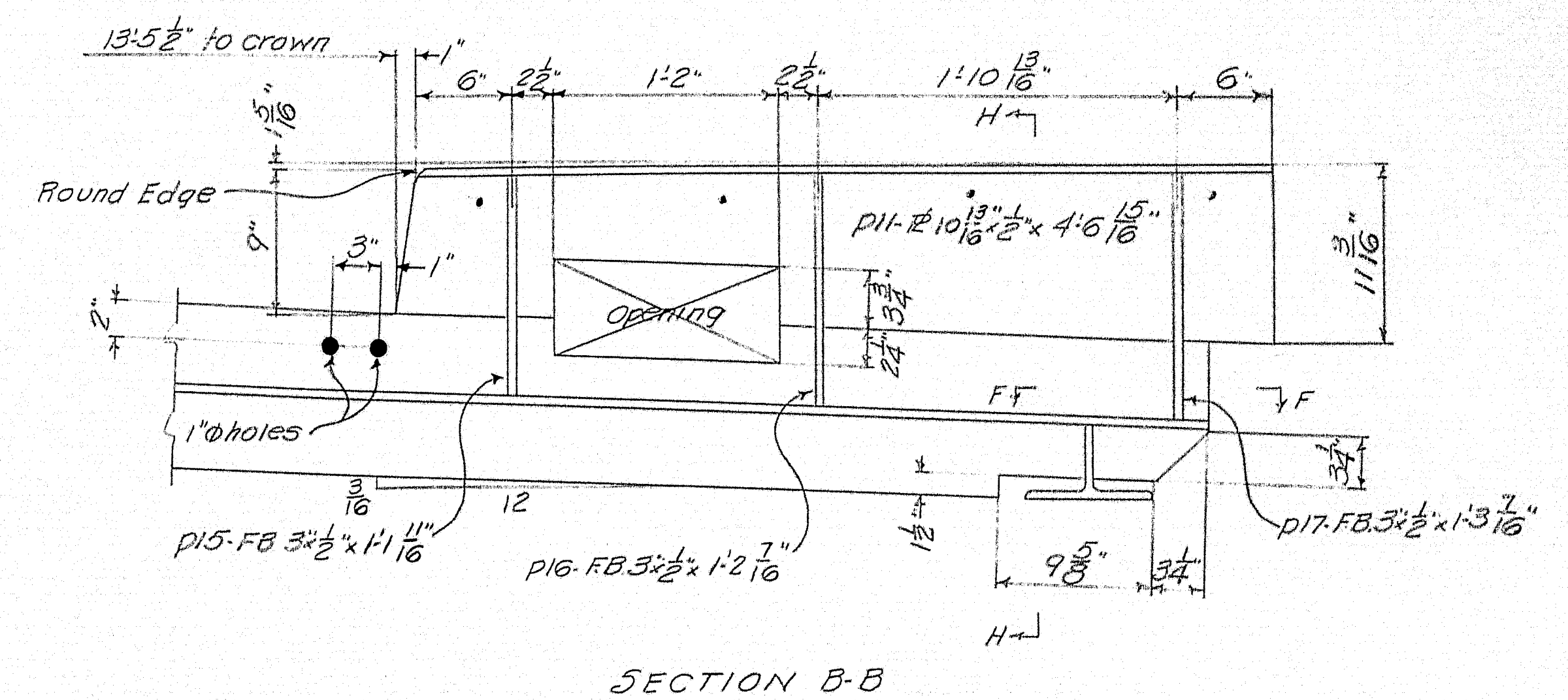
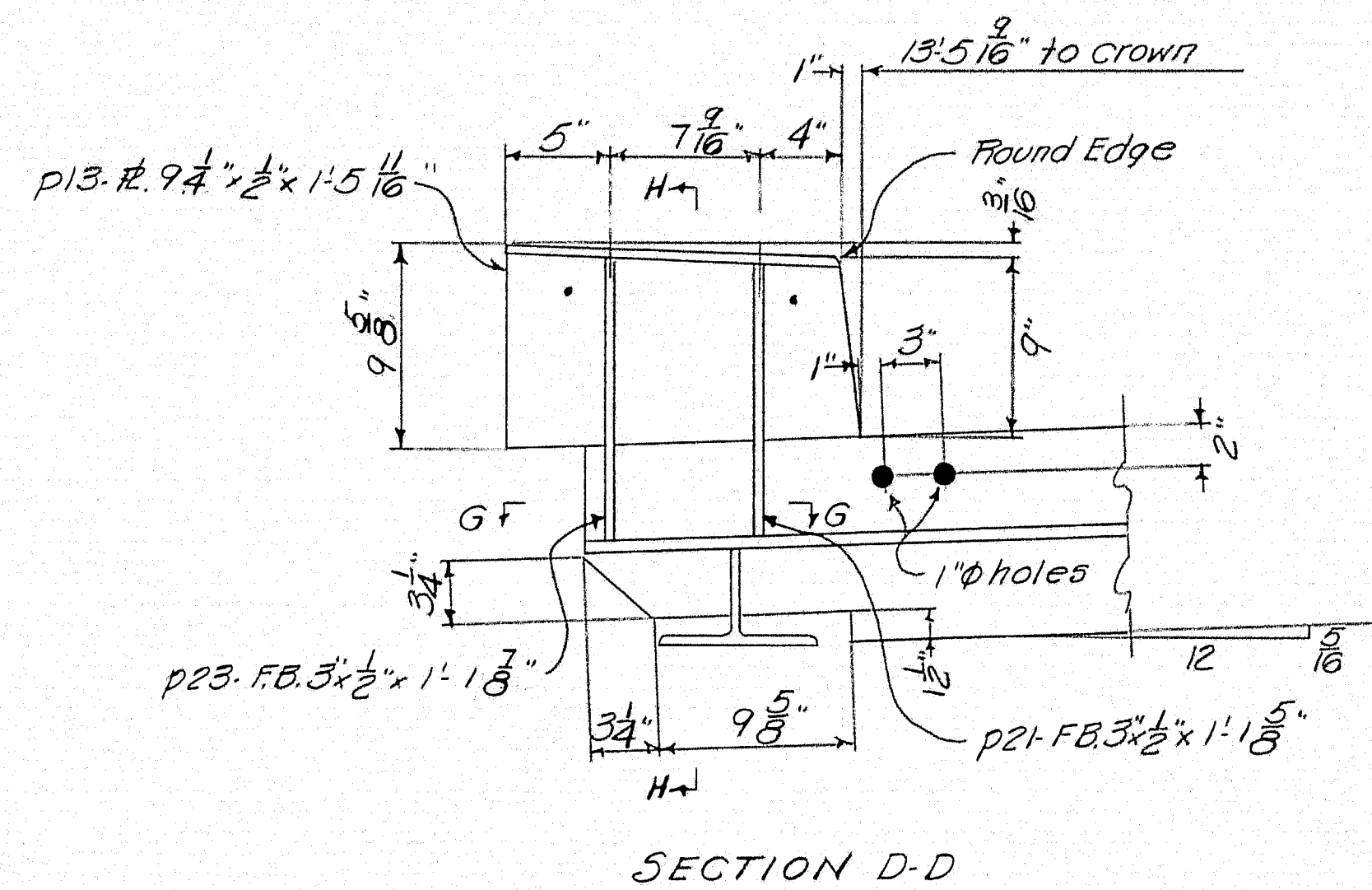
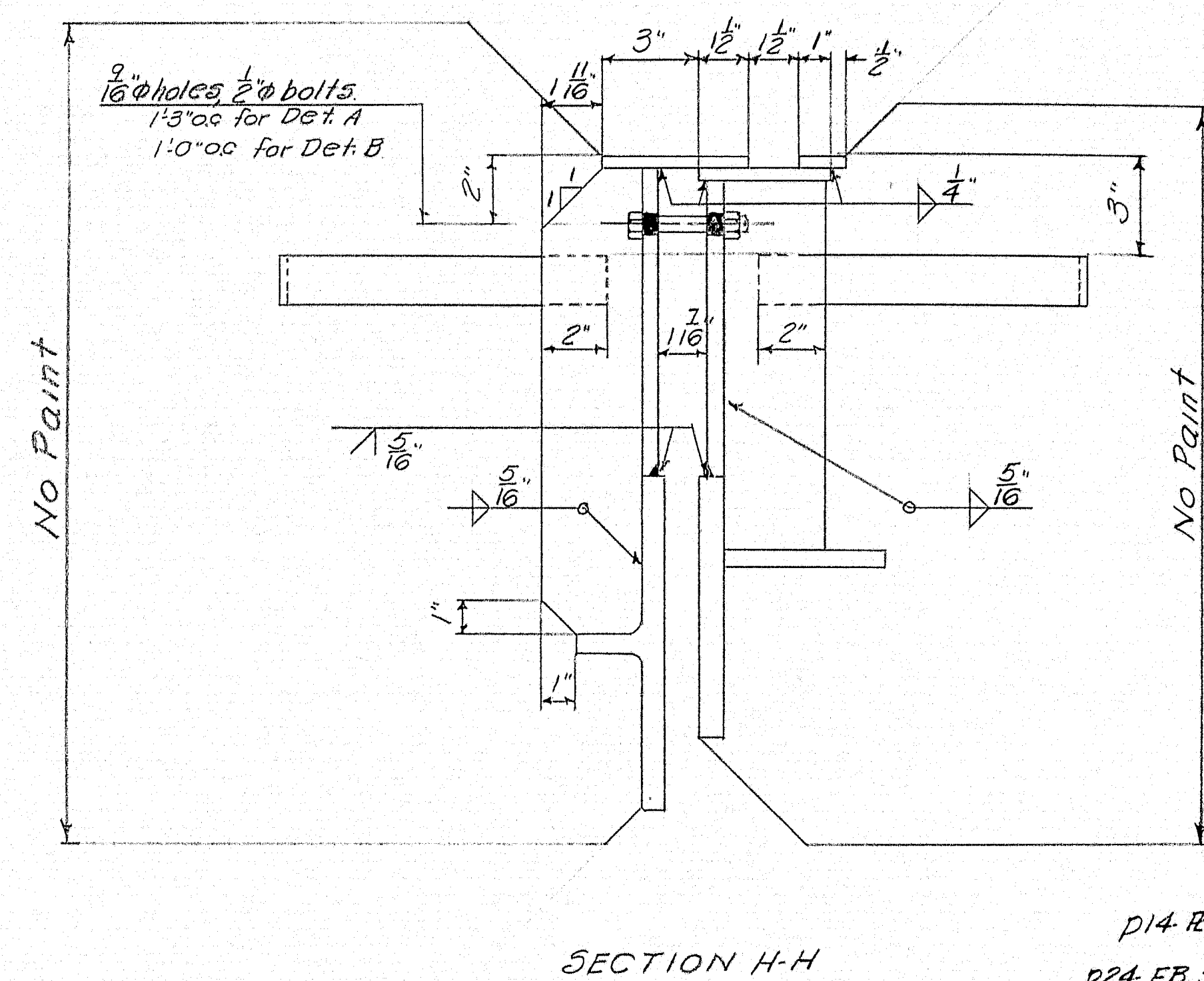
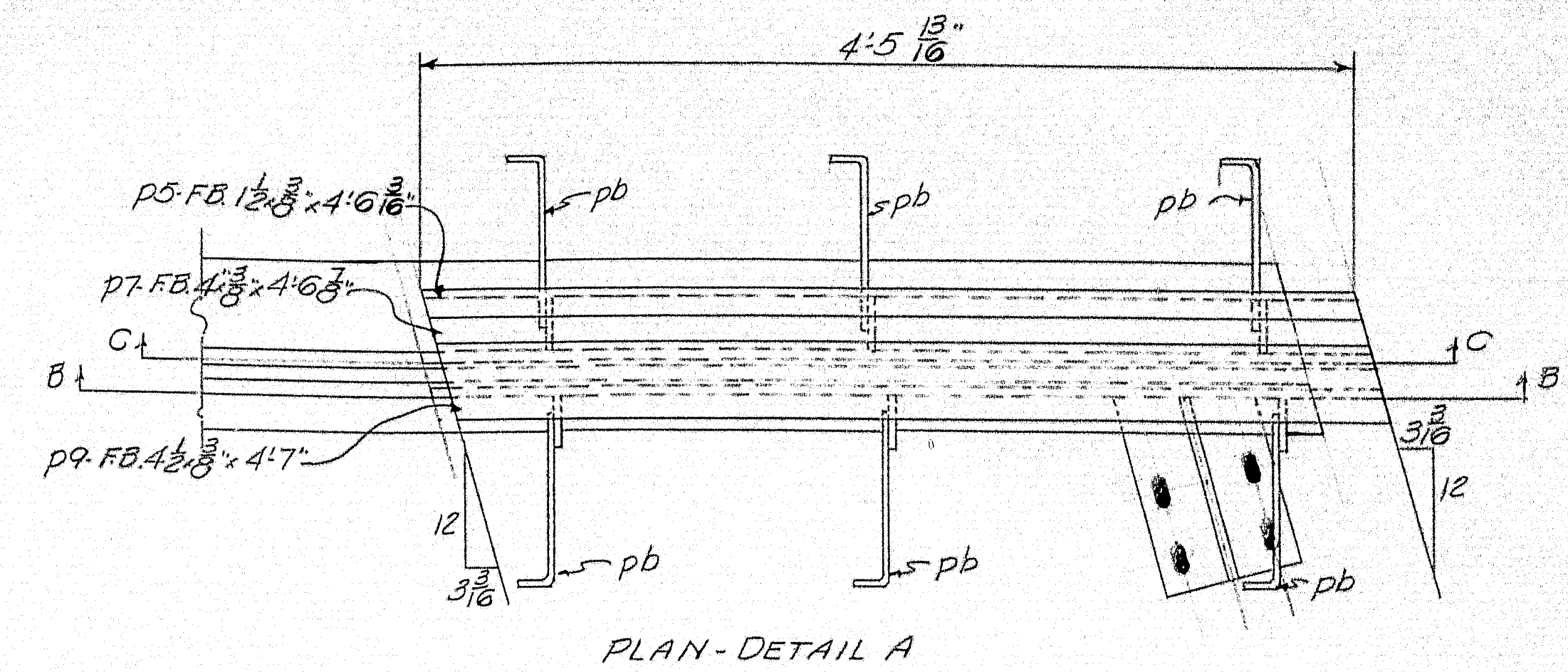
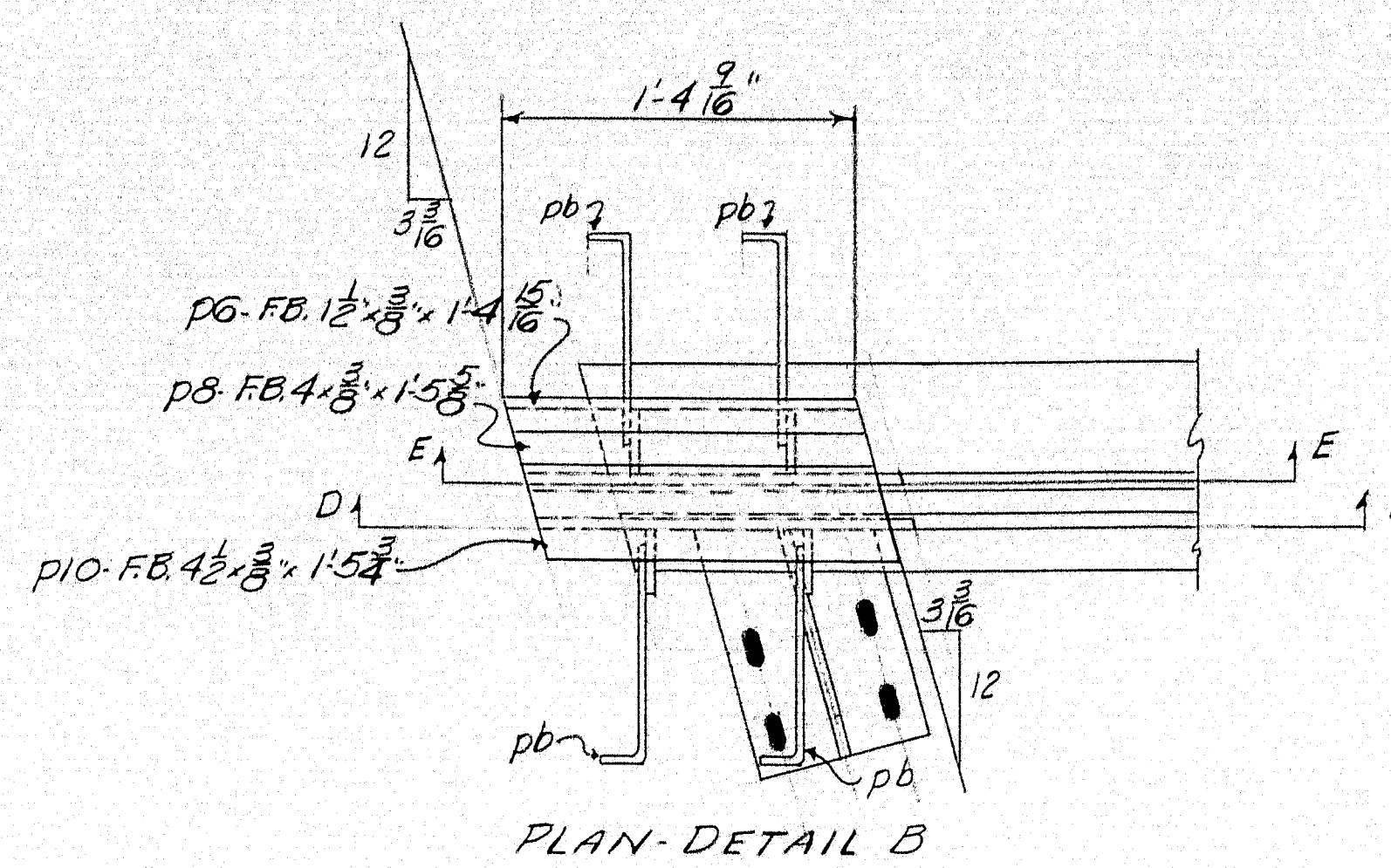
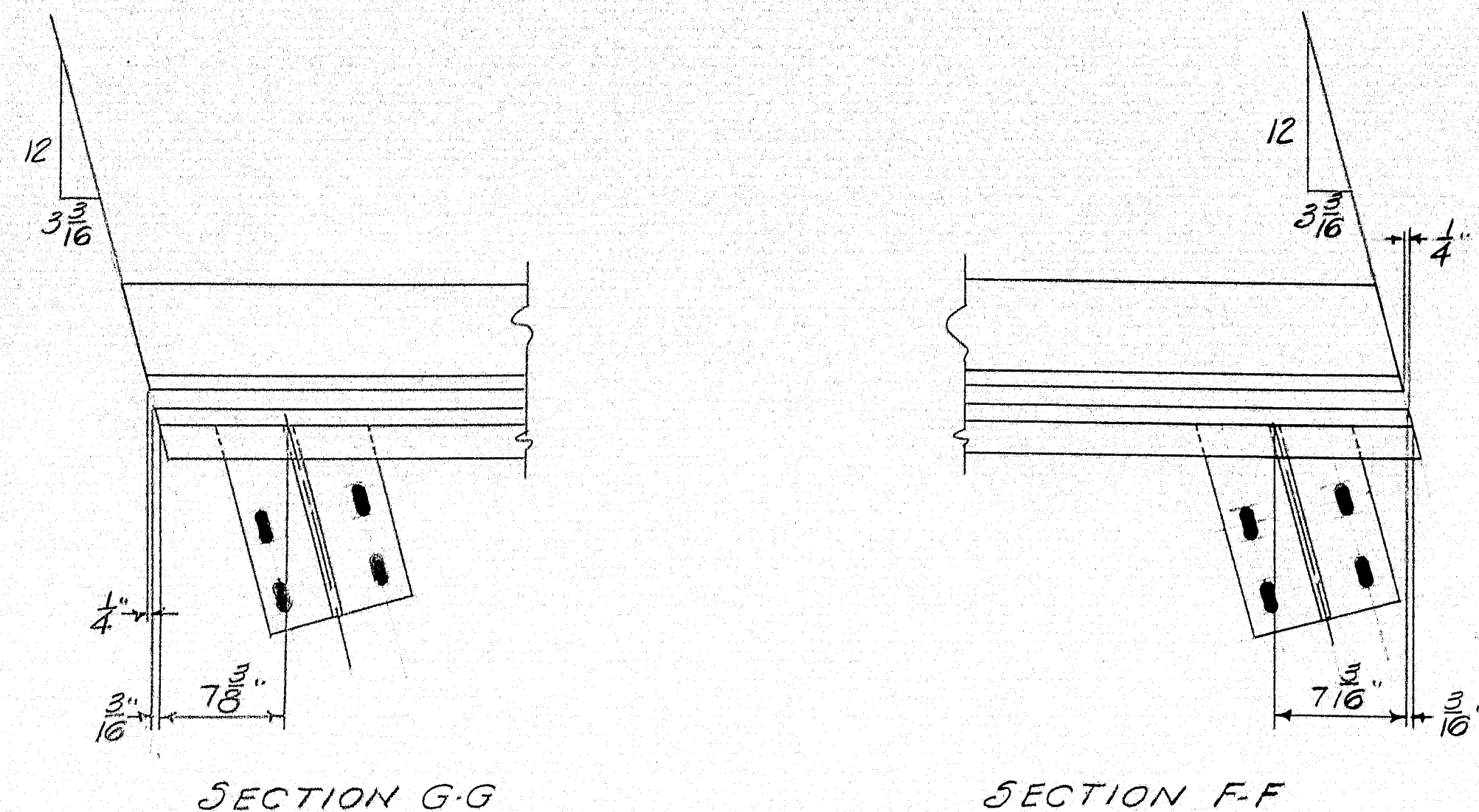
SHOP CONNECTIONS: *Welded & Bolted*
FIELD CONNECTIONS: *Bolted*
HOLES: *1 5/8" Ø unless noted*
PAINT: *Red Lead & Oil unless noted*

EXPANSION DAM- EAST ABUTMENT
Bancroft & Martin Rollings Mills Company
South Portland 7, Maine
LUNT ROAD OVER INTERSTATE
FALMOUTH, ME

CUSTOMER W. H. HINMAN
DESIGNER M. S. H. C.

ORDER NO. _____	DWG. NO. <u>9-26-512</u>
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73-119



Shim A - FB. 8" x 4" x 0.8" - 5 Req'd
 Shim B - FB. 8" x 4" x 0.8" - 5 Req'd
 Shim C - FB. 8" x 4" x 0.8" - 10 Req'd

NOTES:
 Work this Drwg. with Drwg. 926-512

EXPANSION DAM-EAST ABUTMENT	
Bancroft & Martin Rollings Mills Company	
South Portland 7, Maine	
LUNT ROAD OVER INTERSTATE	
FALMOUTH, ME.	
CUSTOMER	W. H. HINMAN
DESIGNER	M. S. H. C.
ORDER NO.	926-513

DRAWN	4259	P.L.F.
REVISION		
REVISION		
REVISION		

APR 4-17-59