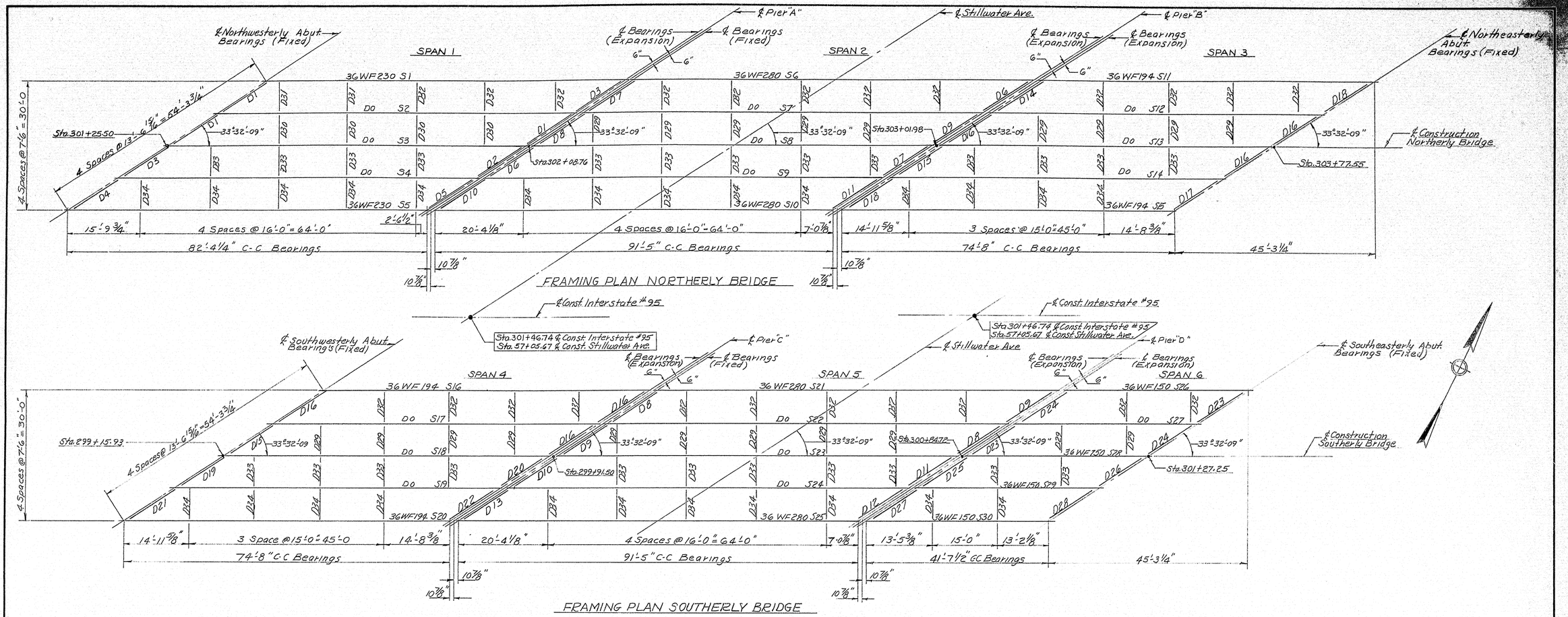
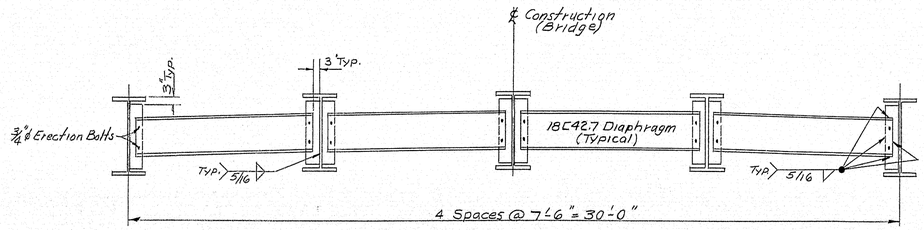
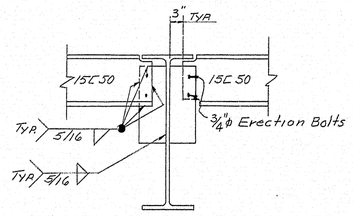




TYPICAL CROSS SECTION



TYPICAL CONNECTION for 15 C 50 DIAPHRAGMS @ PIERS & ABUTMENTS

NOTES: All intermediate diaphragms to be 18 C 42.7, toe to east
All end diaphragms to be 15 C 50.0
See Dwg. 8-327-524 for Framing Plan for Bearings & Expansion Joints.

APPROVED 3-13-59

FRAMING PLAN

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

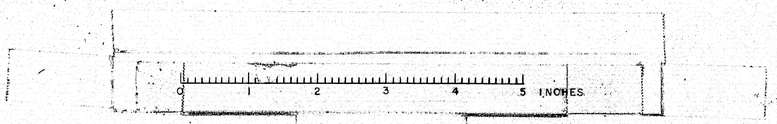
CUSTOMER H.B. FLEMING, Inc.
DESIGNER MAINE S.H.C. BRIDGE DIV.

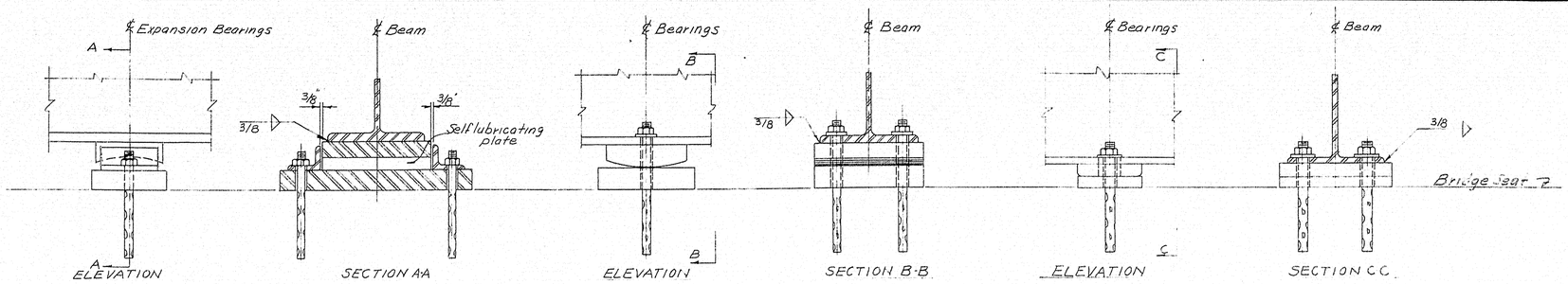
DRAWN	12-19-58	EGM.
REVISION	2-27-59	EGM.
REVISION		
REVISION		

ORDER NO. VERBAL | DWG. NO. 8-327 E1

GS.V

72-123

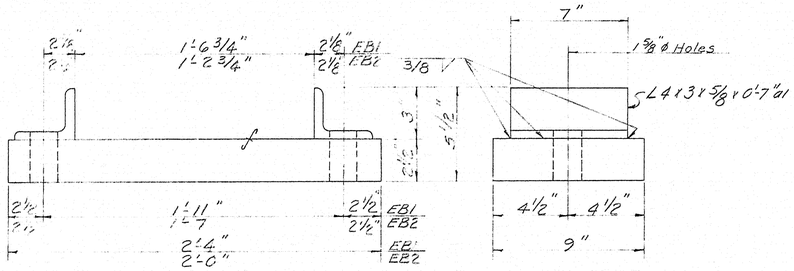




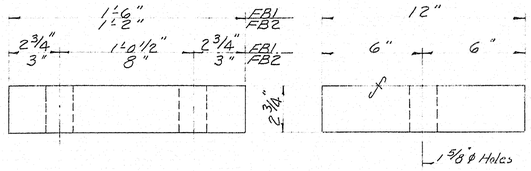
EXPANSION BEARING EB1 & EB2
EB1 @ SPANS 1,2, & 5
EB2 @ SPANS 3, & 4

FIXED BEARING FB1 & FB2
FB1 @ SPANS 1, 2, & 5
FB2 @ SPANS 3, & 4

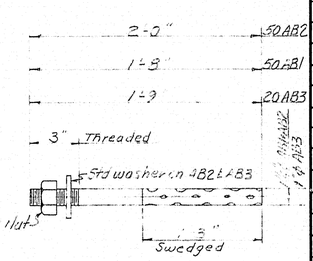
FIXED & EXPANSION BEARINGS FB3 & EB3
FB 3 @ SPAN 6
EB 3 @ SPAN 6



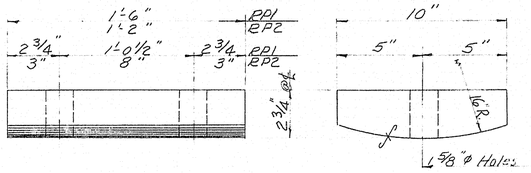
EXPANSION BEARING EB1 & EB2
EB1 - 15 REQ'D
EB2 - 10 REQ'D



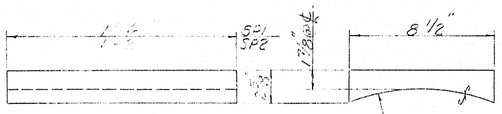
FIXED BEARING FB1 & FB2
FB1 - 15 REQ'D
FB2 - 10 REQ'D.



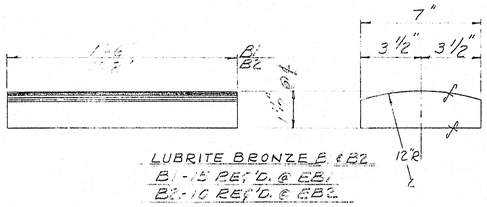
ANCHOR BOLTS
AB1 - 30 REQ'D. @ EB1
20 REQ'D. @ EB2
AB2 - 30 REQ'D. @ FB1
- 20 REQ'D. @ FB2
AB3 - 10 REQ'D. @ EB3
10 REQ'D. @ FB3



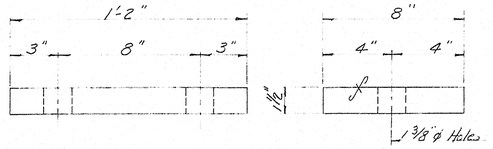
ROCKER PLATE
RP1 - 15 REQ'D. @ FB1
RP2 - 10 REQ'D. @ FB2



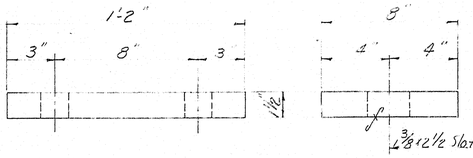
SOLE PLATE SP1 & SP2
SP1 - 15 REQ'D @ EB1
SP2 - 10 REQ'D @ EB2



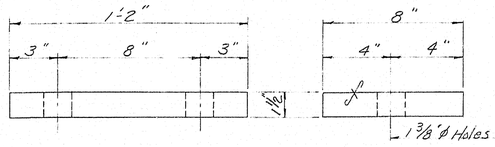
LUBRITE BRONZE B1 & B2
B1 - 15 REQ'D. @ EB1
B2 - 10 REQ'D. @ EB2



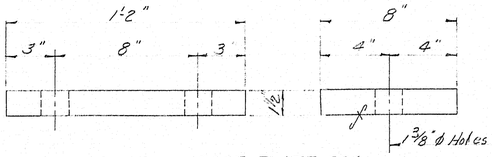
EXPANSION BEARING FB3
5 REQ'D.



SOLE PLATE SP3
5 REQ'D @ EB3



FIXED BEARING FB3
5 REQ'D.



SOLE PLATE SP4
5 REQ'D. @ FB3

NOTE:
No paint on top of Sole Plates & Rocker Plates & Bottom of all Bearings.
Coat finished surfaces of steel with white lead & tallow

SHIP MARK	NO.	MARK	SHAPE	LENGTH		WT.	REMARKS
EB1	15		PL	5	6		
EB2	10		PL	5	6		
EB3	5		PL	5	6		
FB1	15		PL	5	6		
FB2	10		PL	5	6		
FB3	5		PL	5	6		
AB1	30		L	5	6		
AB2	30		L	2	0		
AB3	20		L	1	3		
	50	01	PL	5	0	1	
	15	451	PL	5	6	2	
	10	452	PL	5	6	1	
	5	453	PL	5	6	1	
	15	501	PL	5	6	2	
	10	502	PL	5	6	1	
	100	50	L	2	0	1	
	30	51	L	2	6	1	
	30	52	L	2	0	1	
	20	53	L	1	3	1	
			Swedge Bolt				
31	5		PL	1	3	2	
32	10		PL	1	3	2	

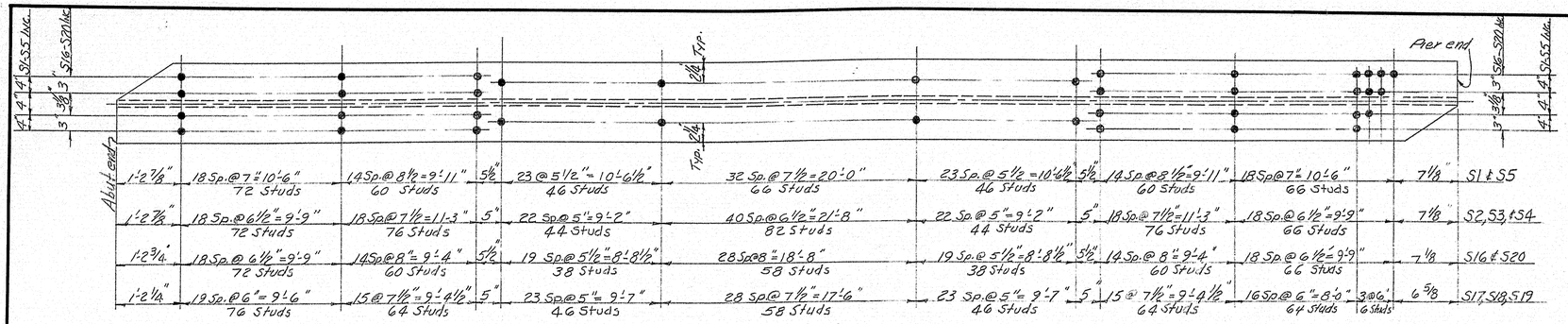
SHOP CONNECTIONS:
FIELD CONNECTIONS:
HOLES:
PAINT:

BEARING DETAILS
Bancroft & Martin Rolling Mills Company
South Portland 7, Maine
INTERSTATE
OVERHEAD WATER LINE
BRIDGE
CUSTOMER U.S. BUREAU OF PUBLIC ROADS
DESIGNER MAINE S.D. BRIDGE DIV.
ORDER NO. VERBAL
DWG. NO. S-327-51

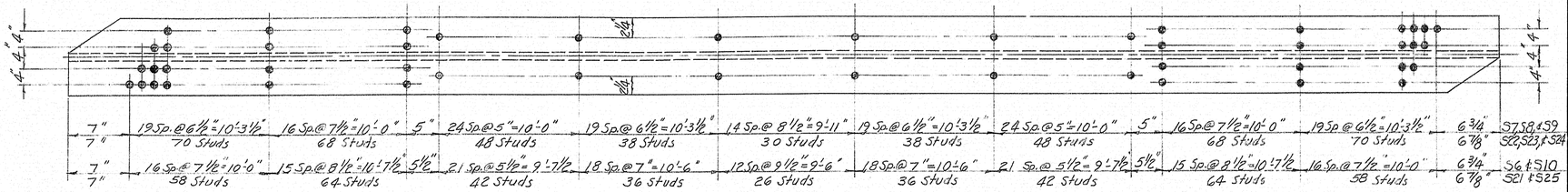
DRAWN	12-17-58	HGH
REVISION		
REVISION		
REVISION		

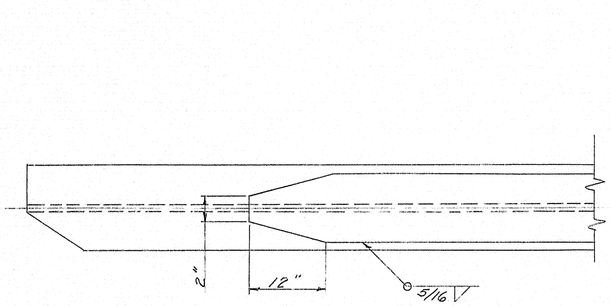
72-124

PRINTED BY BRADLEY-MORE CO., BOSTON, MASS., RE-ORDER NO F-1

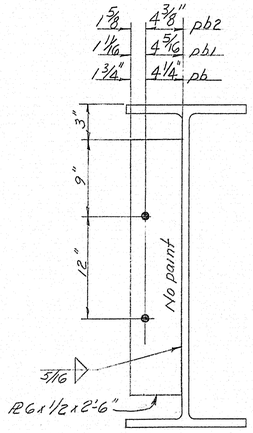


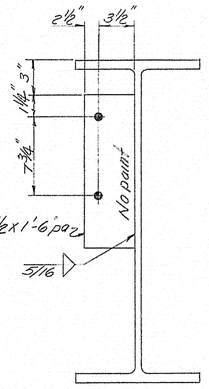
All Studs ¾"ø x 0'-4" long





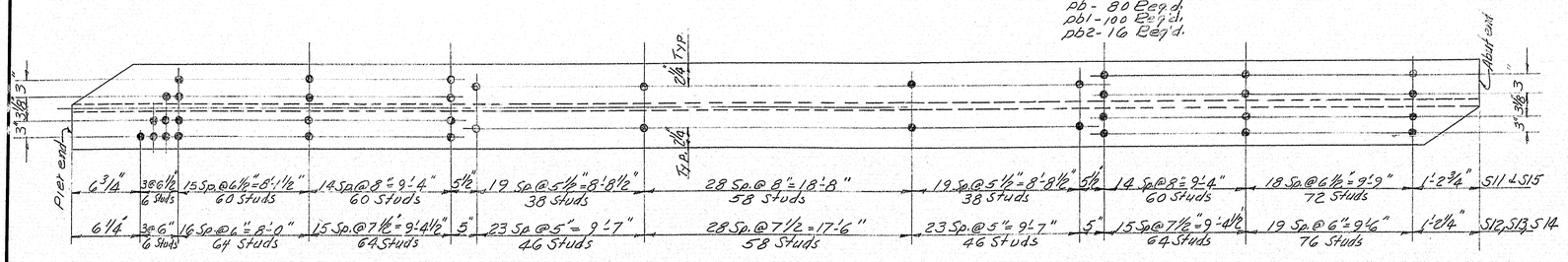
COVER PLATE DETAIL (TYPICAL)





TYPICAL ALL pb CONN. PLATES
pb - 80 Req'd.
pb1 - 100 Req'd.
pb2 - 16 Req'd.

TYPICAL ALL pa CONN. PLATES



SHIP MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT. DED.	REMARKS
S1	1		36WF230	84	8 3/16	53 #	
S2	1		Do	84	8 3/16	53 #	
S3	1		Do	84	8 3/16	53 #	
S4	1		Do	84	8 3/16	53 #	
S5	1		Do	84	8 3/16	53 #	
S6	1		36WF280	93	8 15/16	44 ¼	
S7	1		Do	93	0 15/16	44	
S8	1		Do	93	0 15/16	44 ¼	
S9	1		Do	93	0 15/16	44 ¼	
S10	1		Do	93	0 15/16	44 ¼	
S11	1		36WF194	76	11½	17 ½	
S12	1		Do	76	11½	17 ½	
S13	1		Do	76	11½	17 ½	
S14	1		Do	76	11½	17 ½	
S15	1		Do	76	11½	17 ½	
S16	1		Do	77	0 7/16	26 ¾	
S17	1		Do	77	0 7/16	26 ¾	
S18	1		Do	77	0 7/16	26 ¾	
S19	1		Do	77	0 7/16	26 ¾	
S20	1		Do	77	0 7/16	26 ¾	
S21	1		36WF280	93	1 3/8	50 ¼	
S22	1		Do	93	1 3/8	50 ¼	
S23	1		Do	93	1 3/8	50 ¼	
S24	1		Do	93	1 3/8	50 ¼	
S25	1		Do	93	1 3/8	50 ¼	
S26	1		36WF150	43	11 7/16	16 ¼	A-7
S27	1		Do	43	11 7/16	16 ¼	A-7
S28	1		Do	43	11 7/16	16 ¼	A-7
S29	1		Do	43	11 7/16	16 ¼	A-7
S30	1		Do	43	11 7/16	16 ¼	A-7
	2	CP1	PL15x1	49	0	44 ¼	
	3	CP2	PL15x1 1/8	52	0	50 ¼	
	4	CP3	PL15x1 3/16	55	0	52 ¼	
	6	CP4	PL15x1 1/8	58	0	66 ¼	
	4	CP5	PL11x1 1/16	47	0	32 ¼	
	6	CP6	PL11x1 1/4	49	0	58 ¼	
	96	pa	PL6x1/2	1	6		A-7
	80	pb	PL6x1/2	2	6		A-7
	100	pb1	Do	2	6		A-7
	16	pb2	Do	2	2		A-7
Bolts	584		¾ A.S.T.M. A-325	0	1 3/10		A-7
			⅝ A.S.A. Unfinished	8 3/4	0		with #D.
	1936	Shop	¾"ø Studs	0	4		

All above Steel A.S.T.M. Designation A-373 except as noted.

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: Bolted & Welded
HOLES: 13/16"ø
PAINT: Per State of Maine Spec's & as noted

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H.B. FLEMING, ENG.
DESIGNER MAINE S.H.C. BRIDGE DIV.

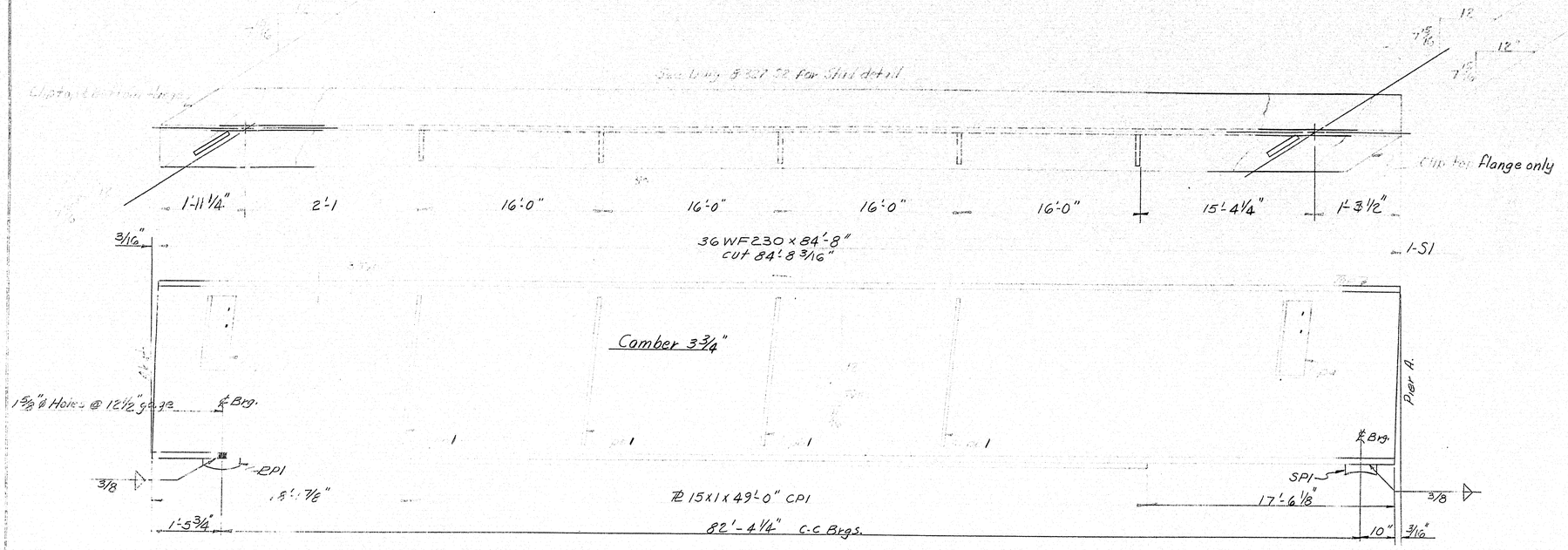
ORDER NO. VERBAL DWG. NO. 8-327-52

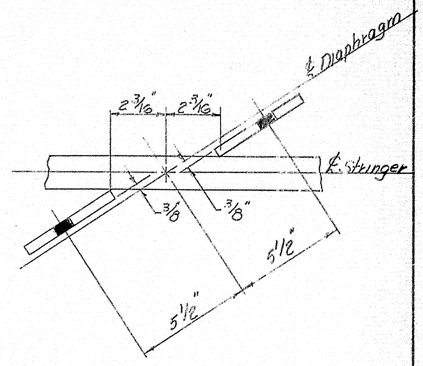
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REVISION	2-3-59	RGM
REVISION		
REVISION		

ABBREVIATED 3-4-59

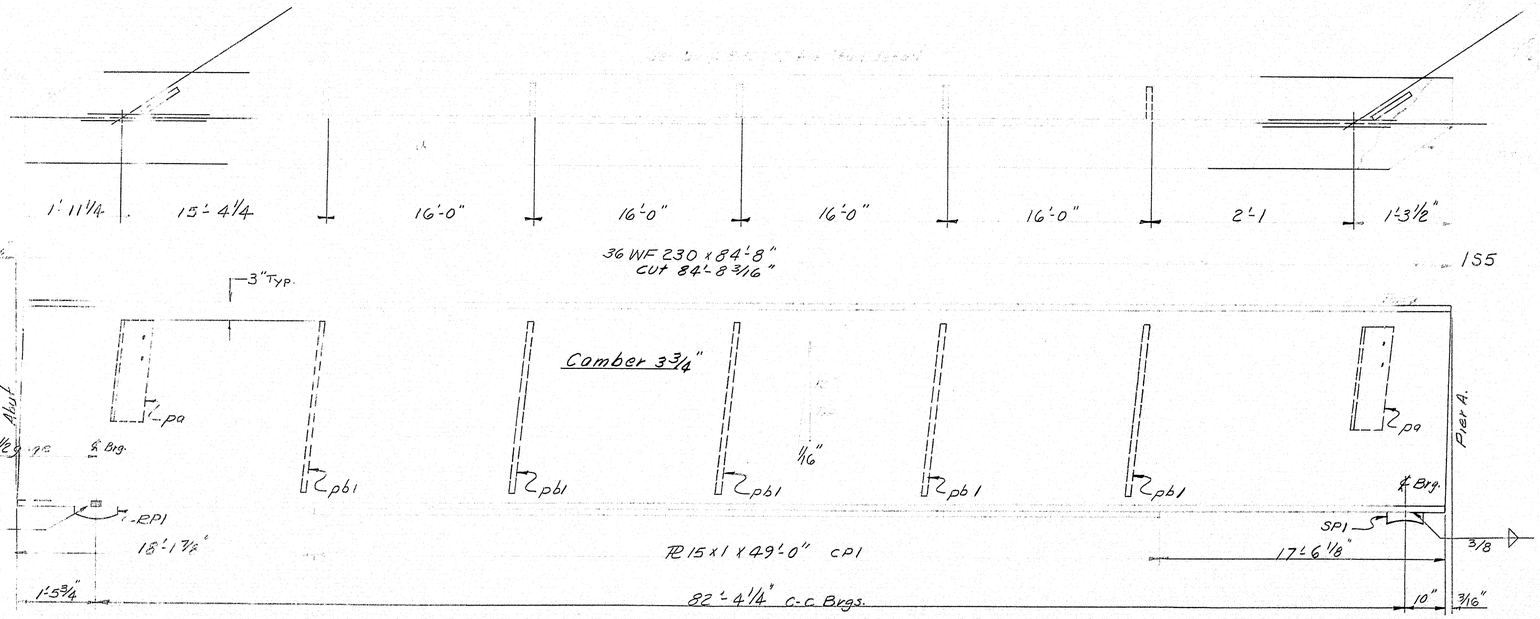
72-125

PRINTED BY SPAULDING-MOSS CO., BOSTON, MASS., RE-ORDER NO. 7-1





Typ Conn for B's. Pa



Flange only

Flange only

NOTES

DRAWN	12-22-58		
REVISION	2-27-59	EGM	
REVISION			
REVISION			

ADDENDUM 3-13-59

SHIPPING DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

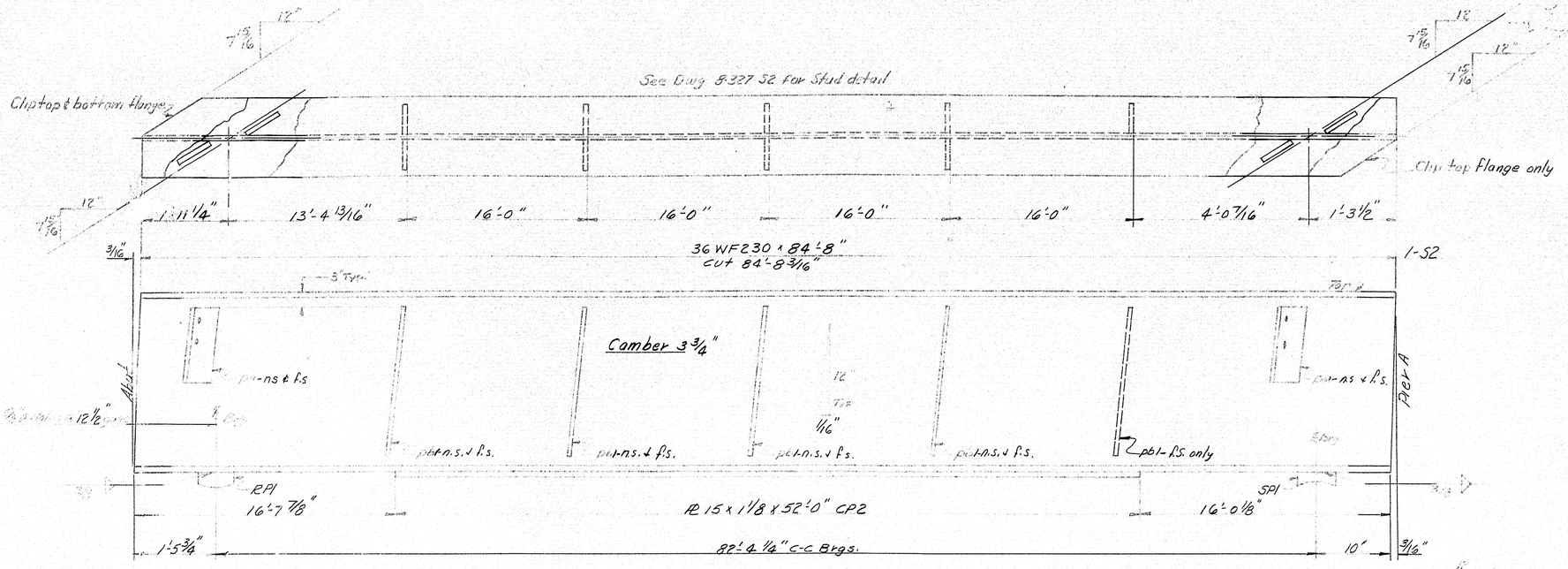
INTERSTATE "95"
OVER STROUDWATER AVENUE
PORTLAND, MAINE

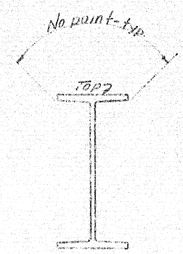
CUSTOMER [illegible]
DESIGNER [illegible]

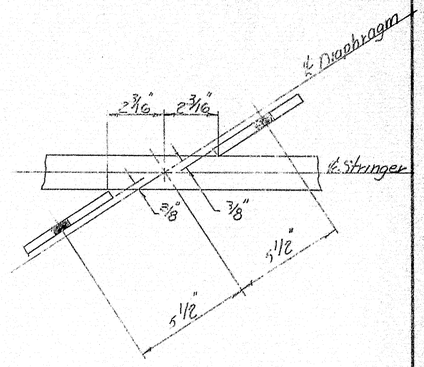
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72-126

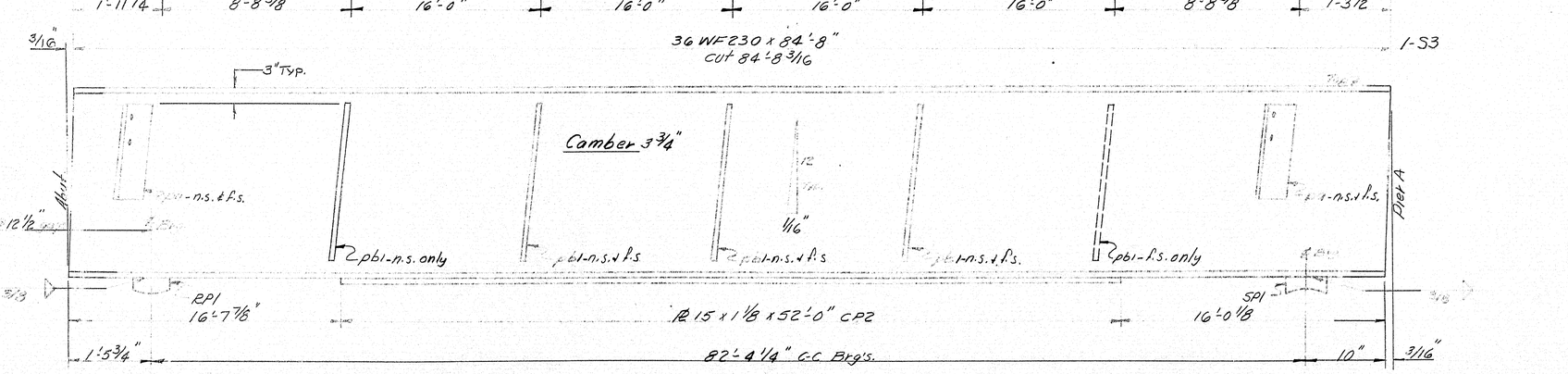
0 1 2 3 4 5 INCHES







Typ. Conn. for I.S. Fy.



NOTES: See Dwg. # 8-327-52 for Bill of Material, Typical Details & General Notes.

All work per State of Maine Specs. for Steel Bridges unless otherwise noted.

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H.B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

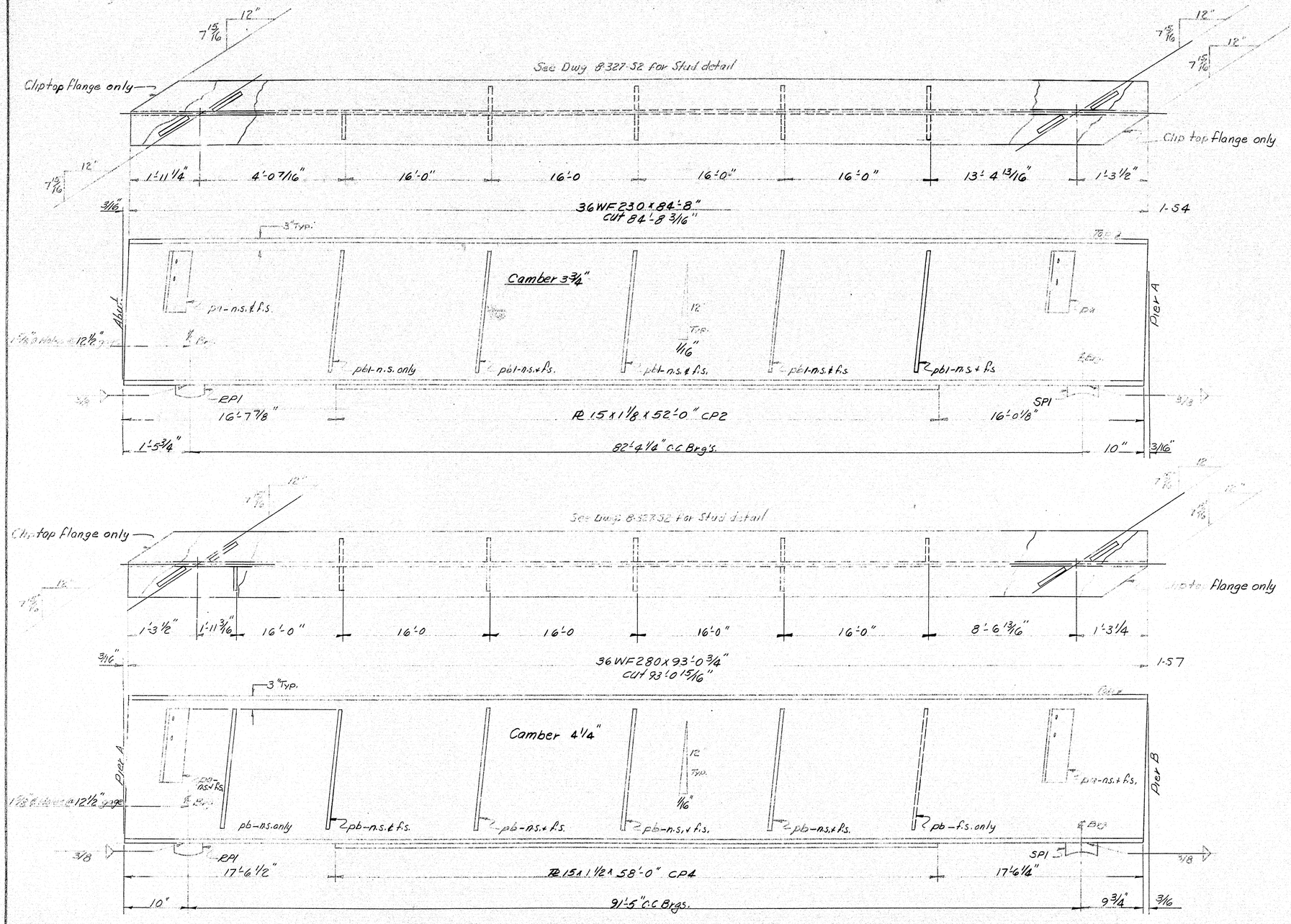
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REVISION	2-27-59	EBM
REVISION		
REVISION		

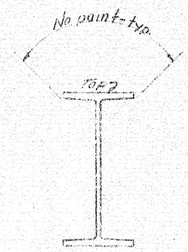
ORDER NO. FEDERAL
DWG. NO. 8-327-54

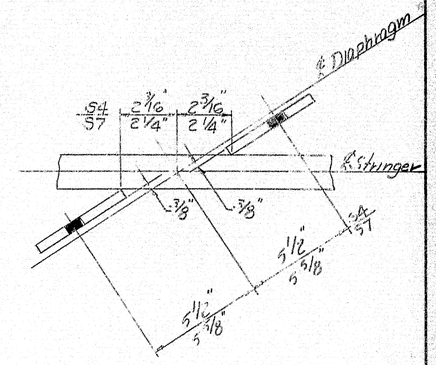
APPROVED

72-127

0 1 2 3 4 5 INCHES







Typ conn. for P.S. Pls.

NOTES: See Dwg. # 8-327-52 for Bill of Material, Typical Details & General notes.

PAINT: Per State of Maine Spec's as Noted.

STRINGER DETAILS

Reviewed 3-5-59

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
STILLWATER AVENUE
BANGOR, MAINE

DRAWN	12-22-58	KM
REVISION	2-27-59	KM
REVISION		
REVISION		

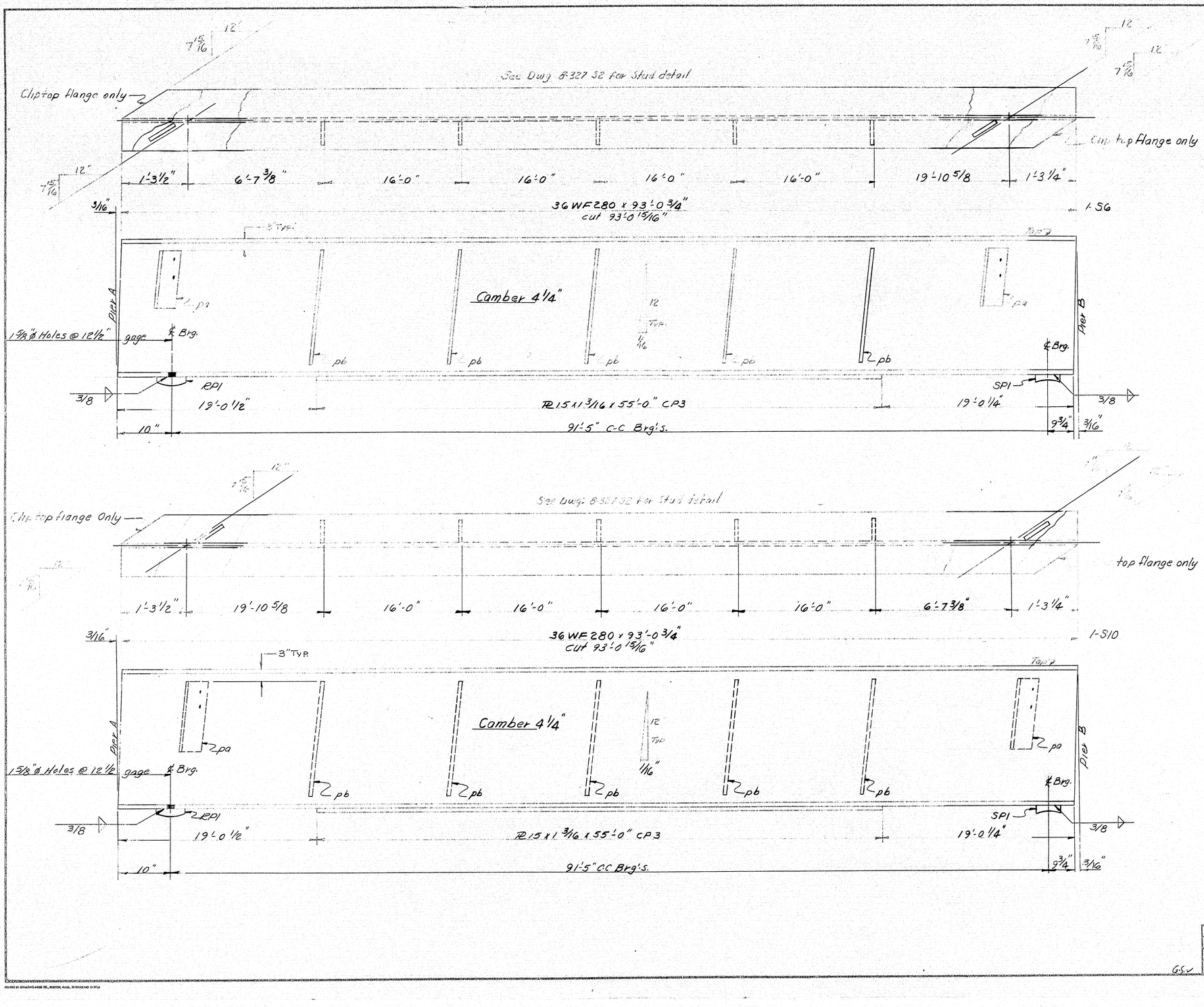
CUSTOMER H. B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.
ORDER NO. VERBAL
DWG. NO. 8-327-S5

G.S.V.

72-128

PRINTED BY STACEY-HOUSE CO., BOSTON, MASS. - PO. ORDER NO. 0-3733

0 1 2 3 4 5 INCHES



NOTES. See Dwg # B-327-S2 for Bill of Material, Typical Details & General Notes.

PAINT: Per Spec. if None Specified Noted

STRUCTURE DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H. P. FULLING, INC.
DESIGNER [illegible] BRIDGE DIV.

ORDER NO. [illegible] DWG. NO. B-327-S6

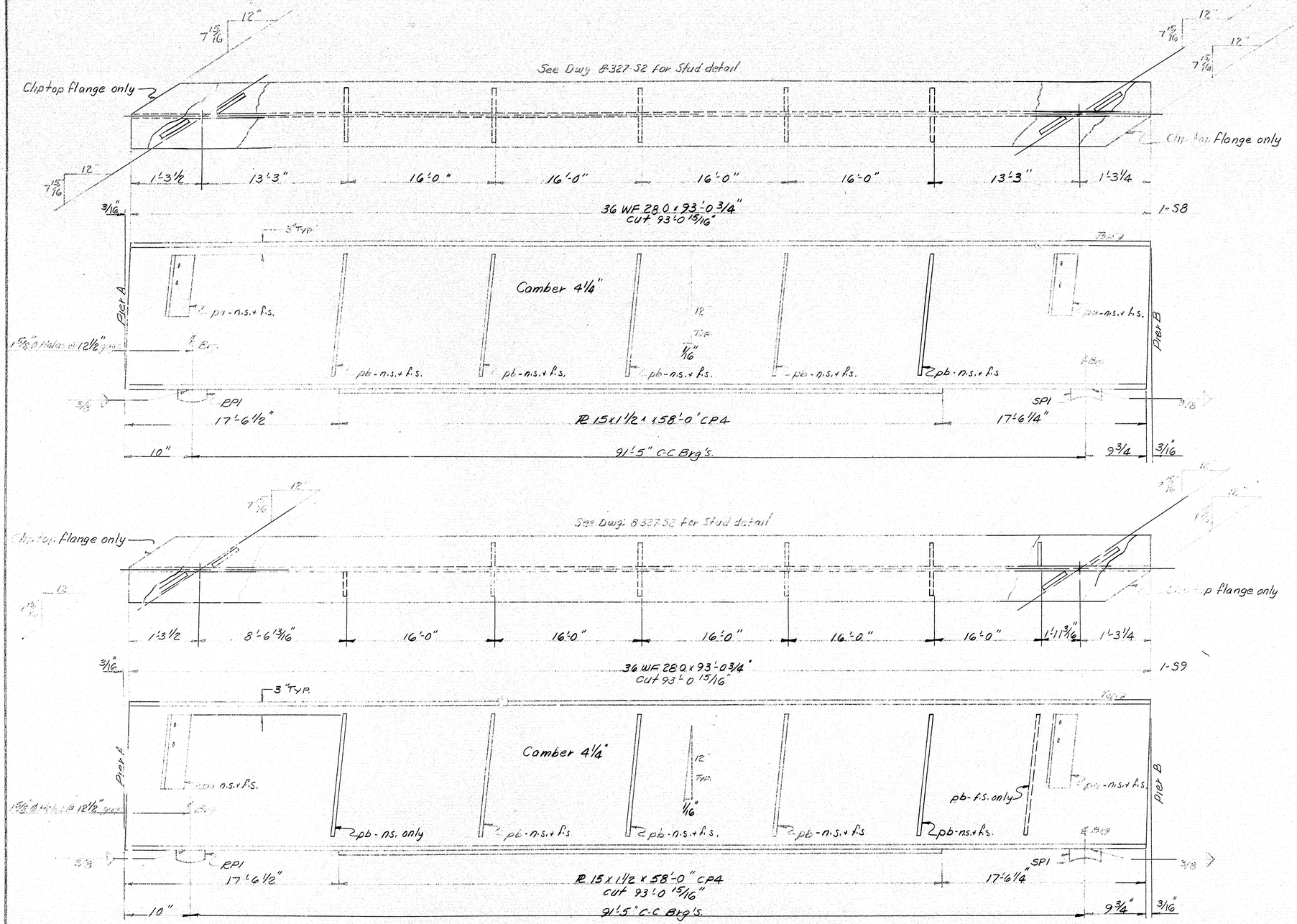
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REVISION	2-27-59	TAM
REVISION		
REVISION		

APPROVED 3-13-59

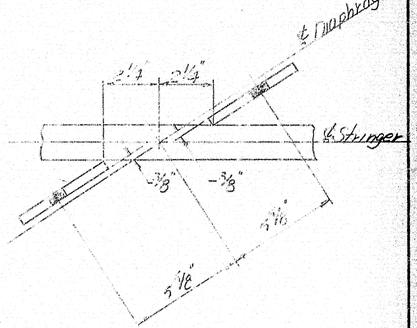
G.S.V

72-129

0 1 2 3 4 5 INCHES







Typical Pier Detail

NOTES: See Dwg. # 8327-S2 for Bill of Material - Typical Details & General Notes.

PAINTING: State of Maine Specs. for Natural

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H.B. FULLAMS, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

DRAWN	12-23-58	
REVISION	3-27-59	RM
REVISION		
REVISION		

ORDER NO. VERBAL | DWG. NO. 8327-S7

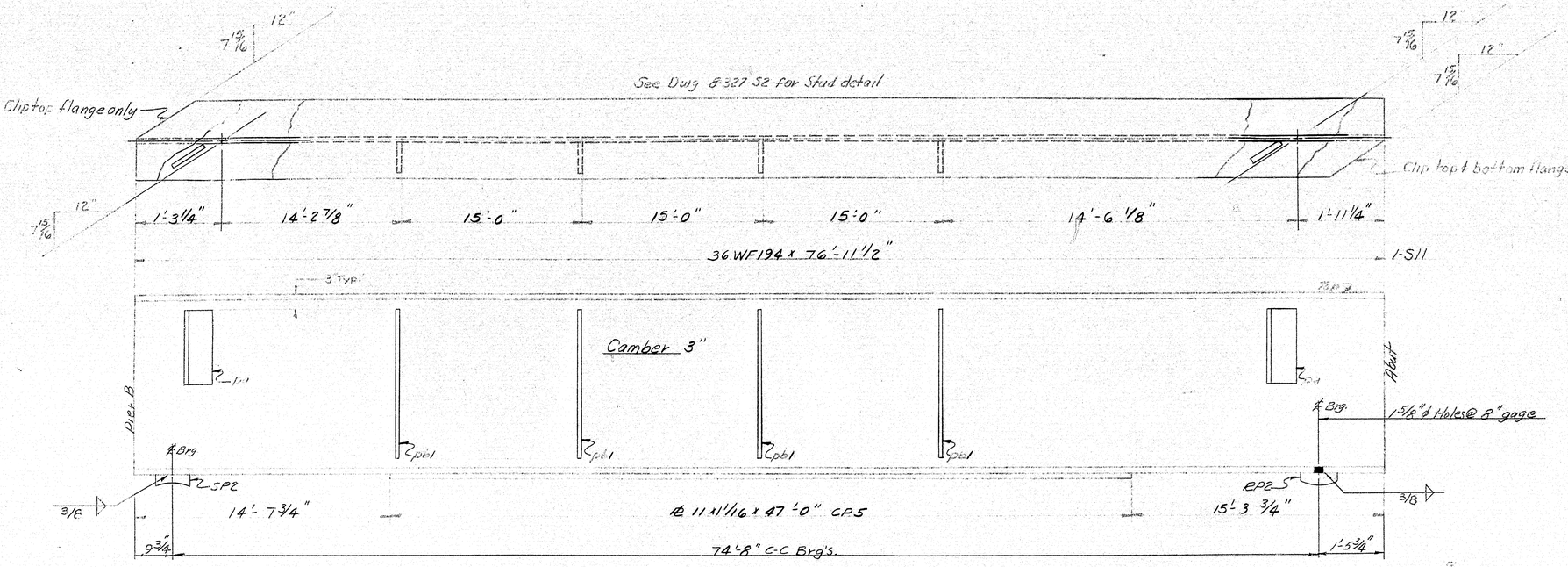
APPROVED 5-6-59

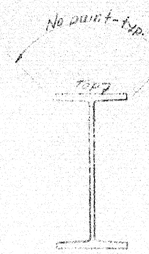
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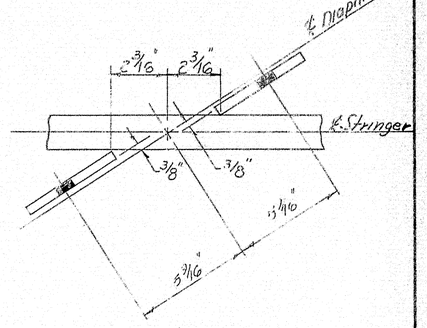
72-130

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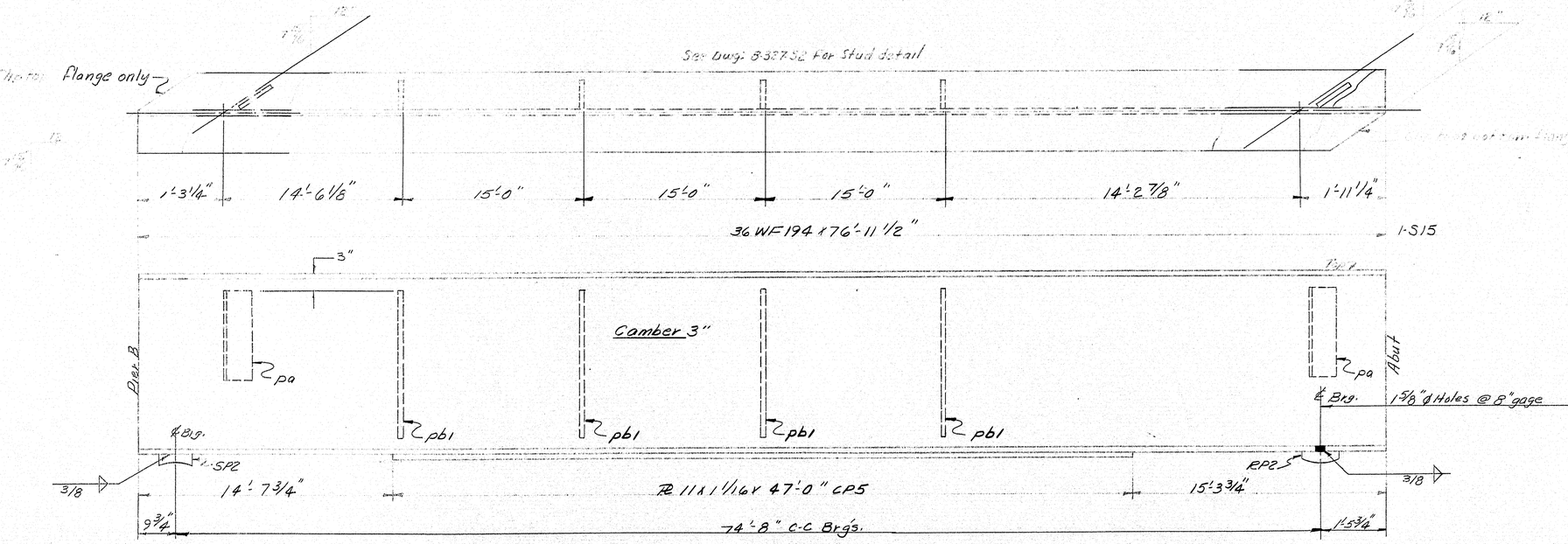
0 1 2 3 4 5 INCHES







Typ Conn for PS Fa



NOTES: See Dwg. # B-327-S2 for Bill of Material, Typical Details & General notes.

PAINT: Per State of Maine Specs, as Noted

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

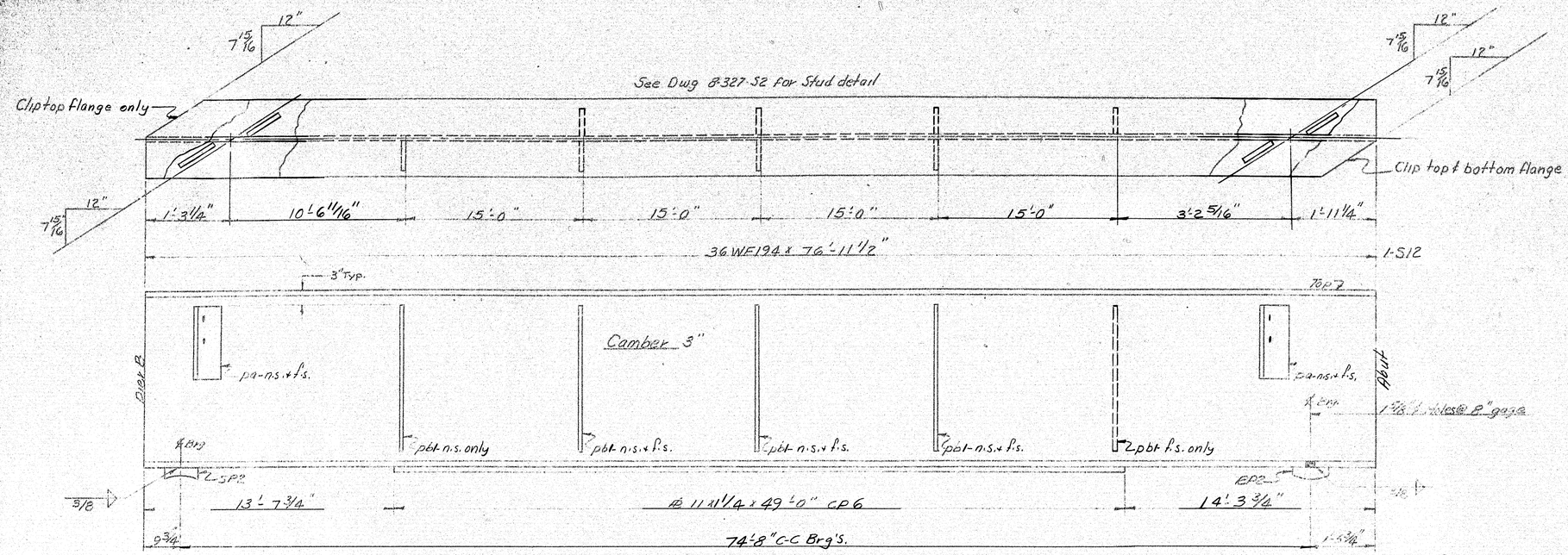
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DESIGNER MAINE S.H.C. BRIDGE DIV.

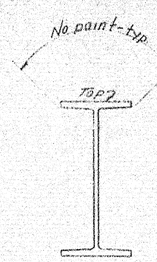
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REVISION	2-27-59	
REVISION		
REVISION		

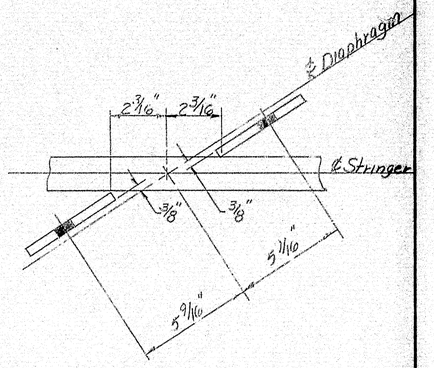
ORDER NO. VERBAL
DWG. NO. B-327-S8

72-131

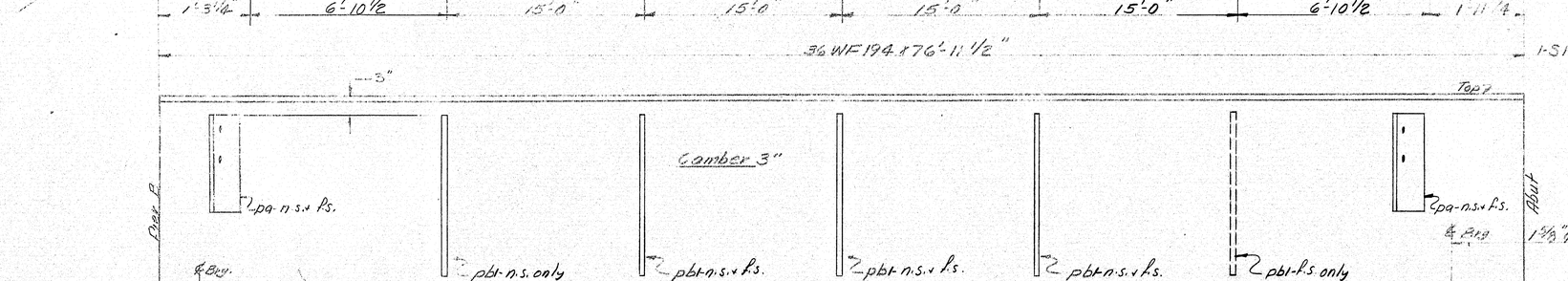
0 1 2 3 4 5 INCHES







Typ Conn for Rd's. Fig.



NOTES: See Dwg. # 8-327-52 for Bill of Material, Typical Details & General notes.

PAINT: Per State of Maine Spec's. as Noted.

DRAWN	12-24-58	KBN
REVISION	2-27-59	KBM.
REVISION		
REVISION		

G.S. ✓

STRINGER DETAILS

Bancroft & Martin Portland Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H. B. FLEMING, INC.

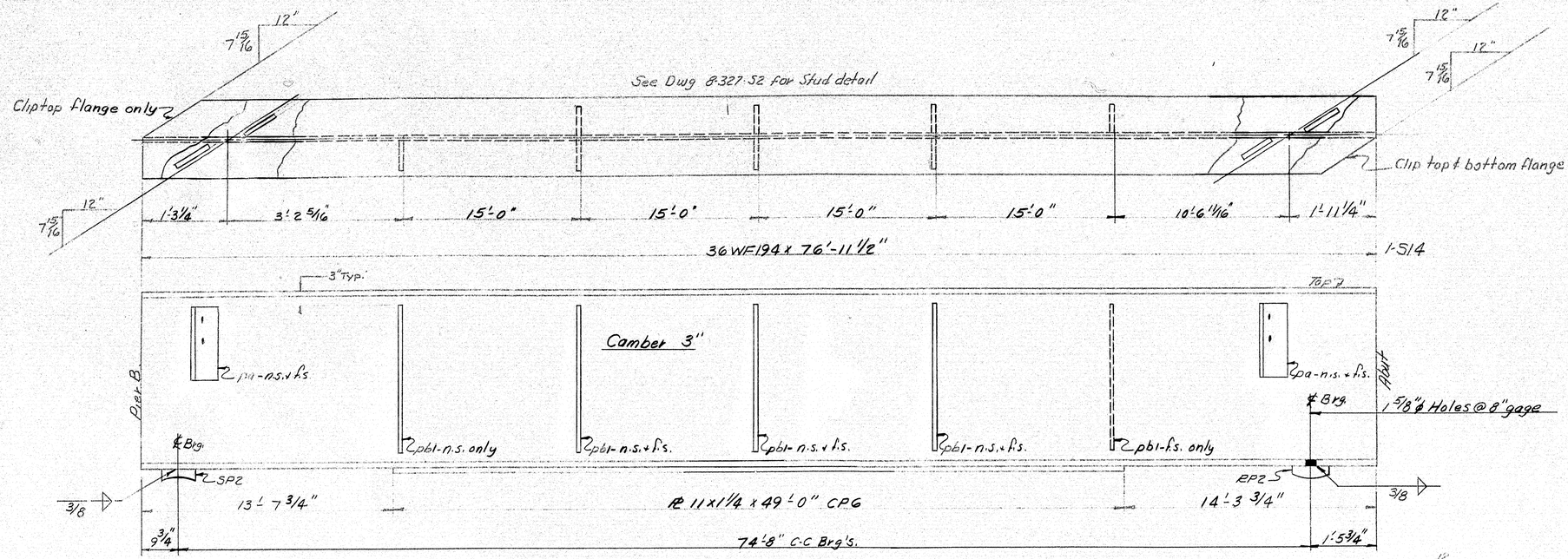
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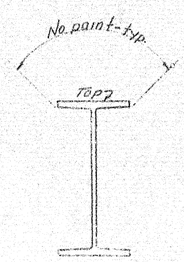
ORDER NO. VERBAL | DWG. NO. 8-327-S2

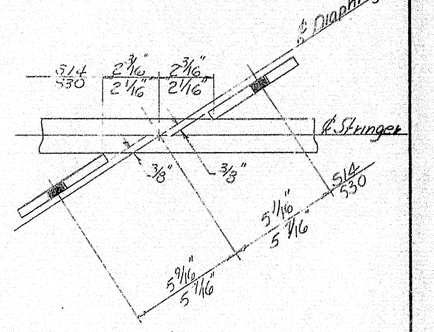
APPROVED 3-13-59

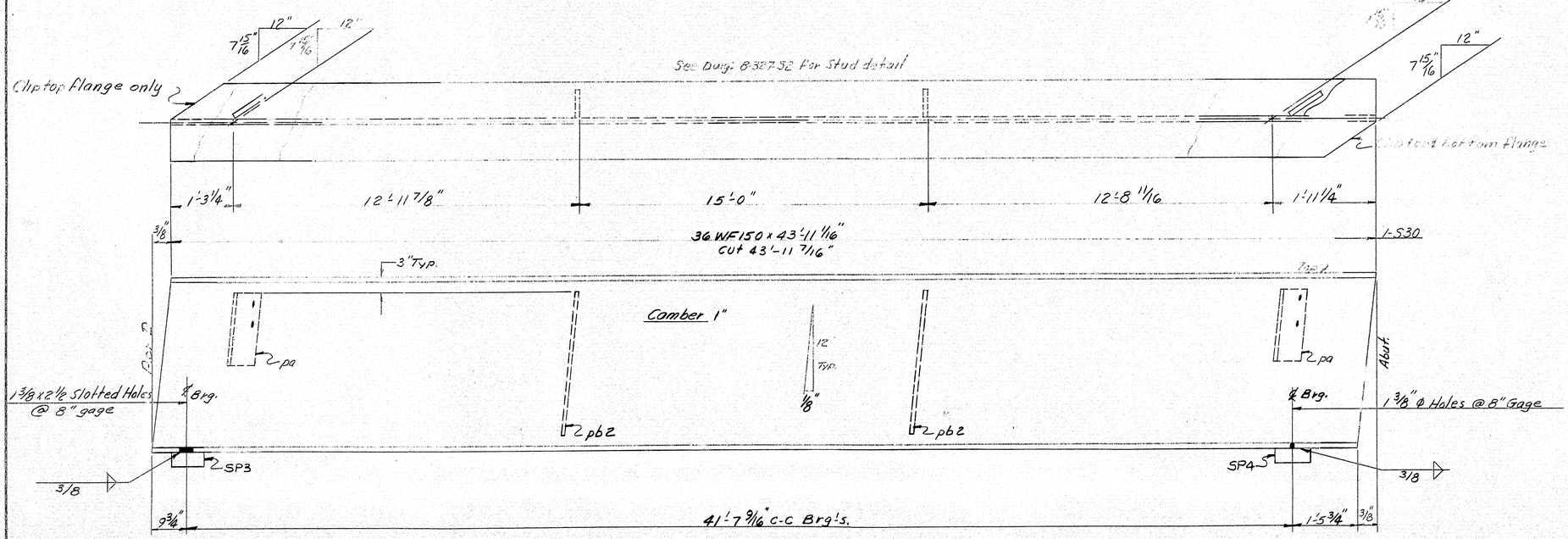
72-132

0 1 2 3 4 5 INCHES









NOTES: See Dwg. "8-327-S2 for Bill of Material, Typical Details & General Notes.

PAINT: Per Spec. or Maine Spec's as Noted

APPROVED 5-13-59

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H. P. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

DRAWN	12-24-58	VAM
REVISION	2-27-59	EBM
REVISION		
REVISION		

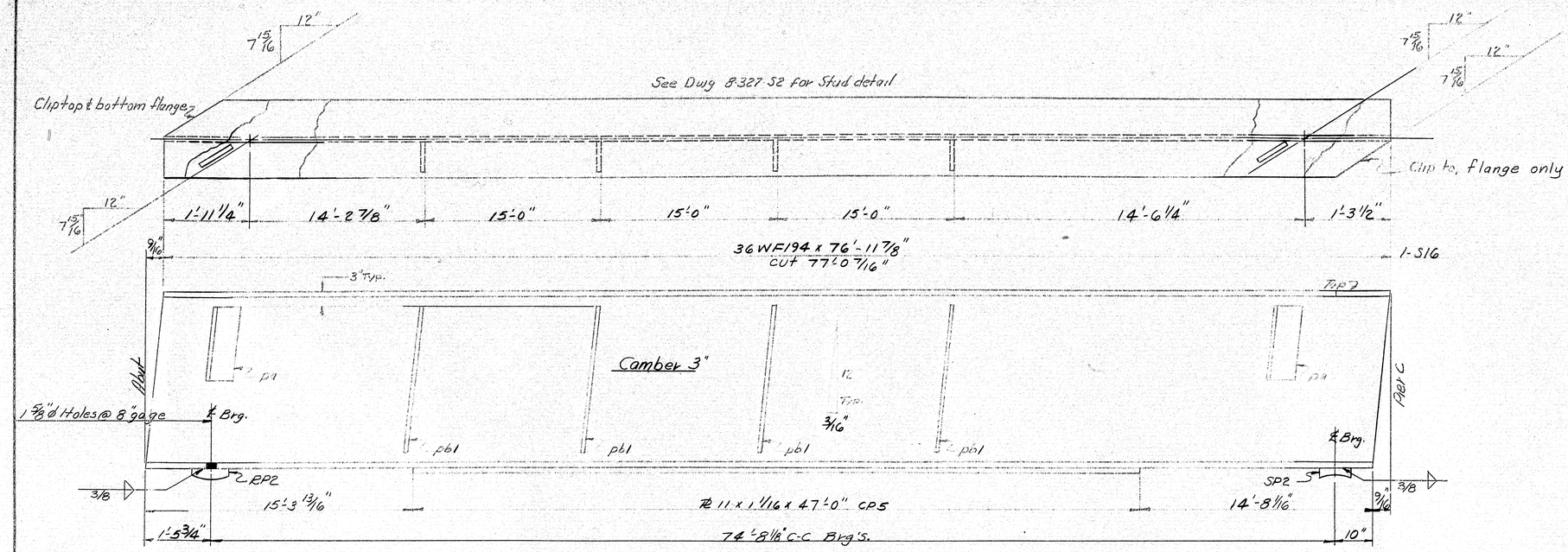
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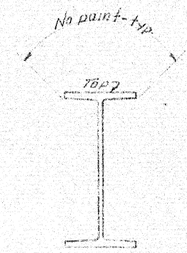
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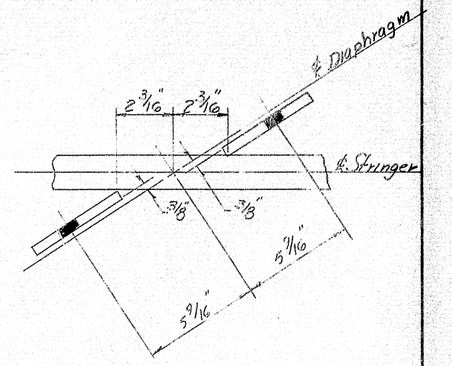
72-138

PRINTED BY STANDARD-HOSE CO., BOSTON, MASS., TELEPHONE NO. 0-4716

0 1 2 3 4 5 INCHES







Typ Conn for PL's & Pa

NOTES: See Dwg 8-327-S2 for Bill of Materials, Types of Outputs & General notes.

PAINT: Per State of Maine Specifications Noted.

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H B FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

DRAWN	2-29-58	JM
REVISION	2-28-59	GM.
REVISION		
REVISION		

ORDER NO. VERBAL
DWG. NO. 8-327-S11

ABBREVIATED 5-13-63

65V

72-134

0 1 2 3 4 5 INCHES

See Dwg 8-327-S2 for Stud detail

Clip top & bottom flanges

Clip top flange only

1'-11¼" | 10'-6 11/16 | 15'-0" | 15'-0" | 15'-0" | 15'-0" | 3'-2 7/16" | 1'-3½"

36 WF 194 x 76'-11 7/8"
cut 77'-0 7/16"

1-S17

3" Typ.

Camber 3"

Abut

Pier C

Top of Slab

2 pa-n.s.+f.s.

2 pbl-n.s. only

2 pbl-n.s.+f.s.

12" Typ.

3/16"

2 pbl-n.s.+f.s.

2 pbl-f.s. only

1 5/8"ø Holes @ 8" grp

℄ Brg.

℄ Brg.

3/8

EPZ

SPZ

14'-3 13/16"

R 11x1 1/4x49'-0" CPG

13'-8 1/16"

3/16"

1'-5 3/4"

74'-8 1/8" c-c Brg's.

10"

No paint - typ.

Top of Slab

℄ Diaphragm

2 3/16" | 2 3/16"

℄ Stringer

3/8" | 3/8"

5 1/16"

5 1/16"

Typ Conn for D.S. Sa.

See Dwg: 8-327-S2 for Stud detail

Clip top & bottom flanges

Clip top flange only

1'-11¼" | 6'-10½" | 15'-0" | 15'-0" | 15'-0" | 15'-0" | 6'-10 5/8" | 1'-3½"

36 WF 194 x 76'-11 7/8"
cut 77'-0 7/16"

1-S18

3"

Camber 3"

Abut

Pier C

Top of Slab

2 pa-n.s.+f.s.

2 pbl-n.s. only

2 pbl-n.s.+f.s.

12" Typ.

3/16"

2 pbl-n.s.+f.s.

2 pbl-f.s. only

1 5/8"ø Holes @ 8" grp

℄ Brg.

℄ Brg.

3/8

EPZ

SPZ

14'-3 13/16"

R 11x1 1/4x49'-0" CPG

13'-8 1/16"

3/16"

1'-5 3/4"

74'-8 1/8" c-c Brg's.

10"

NOTES: See Dwg. # 8-327-S2 for Bill of Material, Typical Details & General notes.

PAINT. For State of Maine Spec's as Noted.

0 1 2 3 4 5 INCHES

APPROVED 3/3/53

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

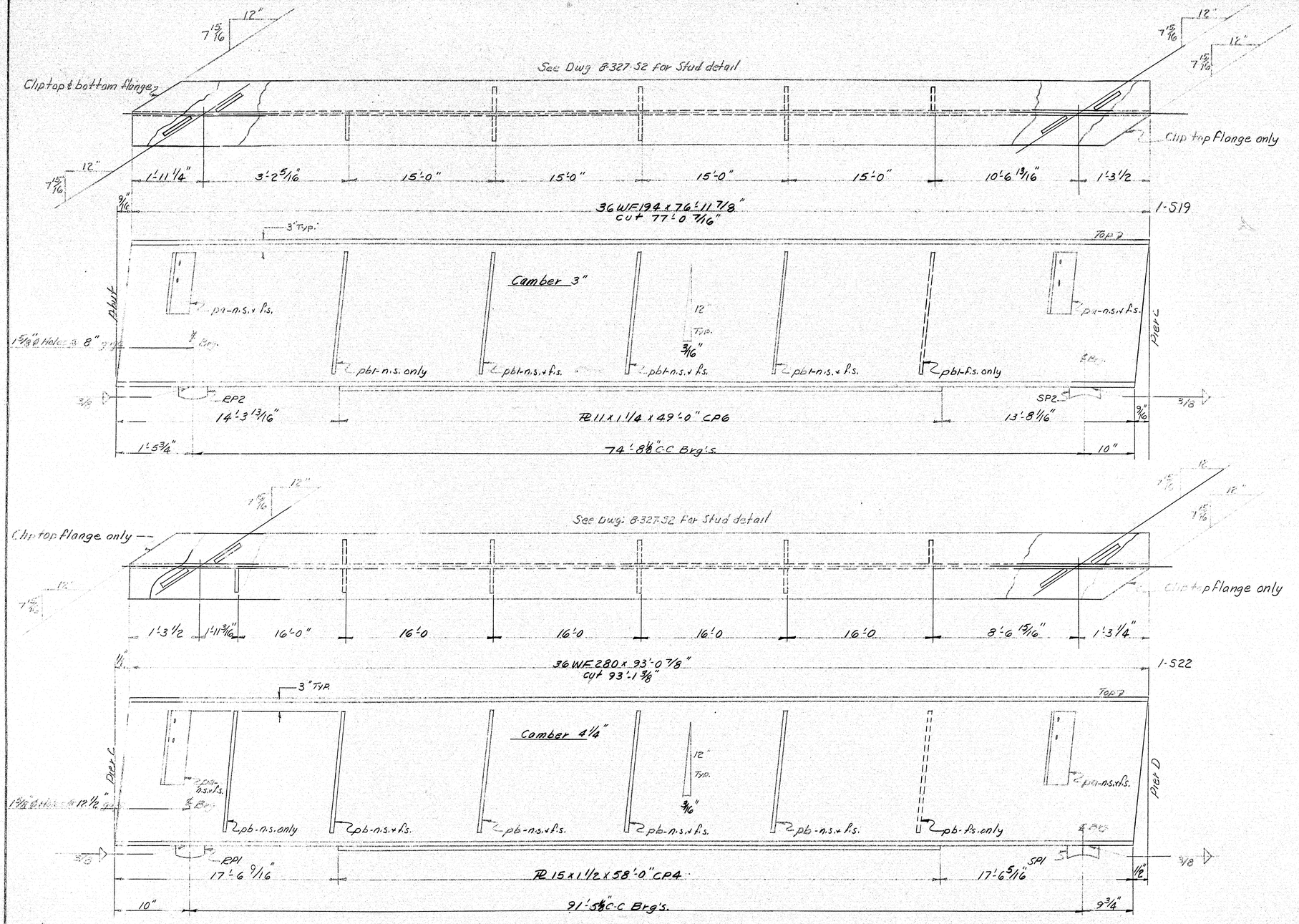
INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

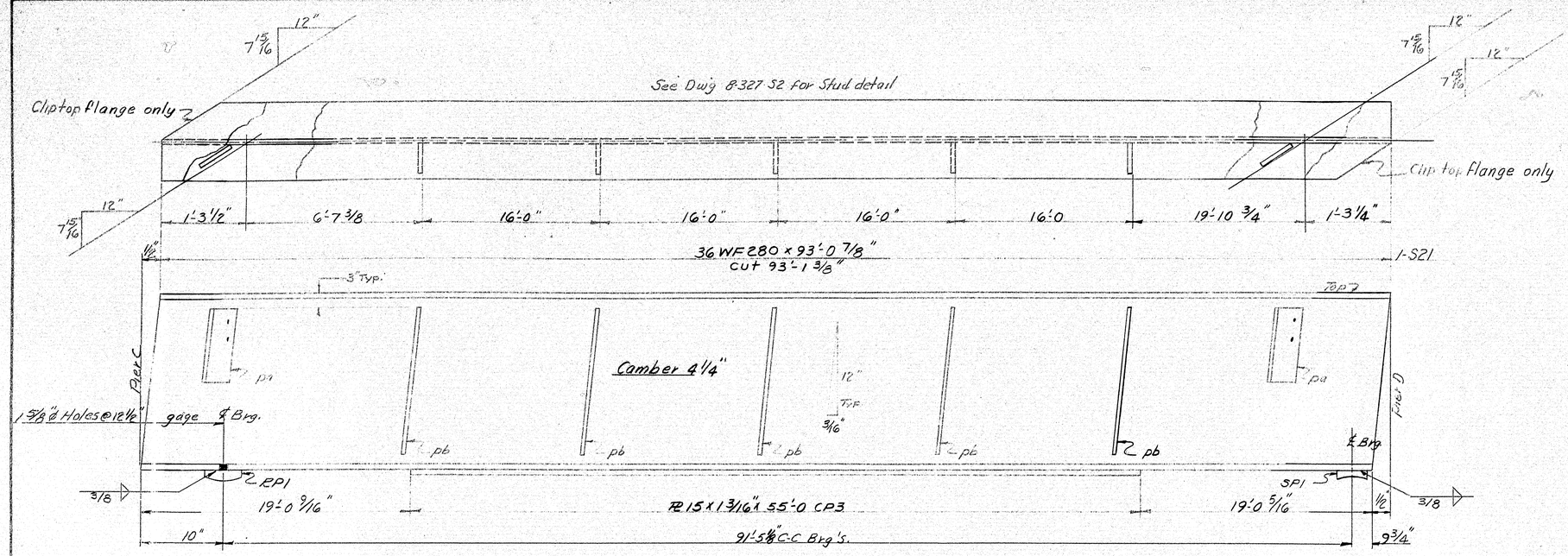
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REVISION	2.28.53	RGM.
REVISION		
REVISION		

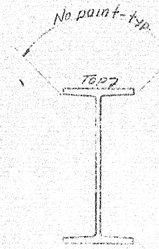
CUSTOMER H.P. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.
ORDER NO. VERBAL
DWG. NO. 8-327-S12

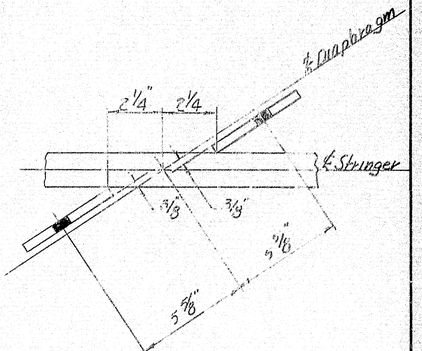
G.S.

72-135

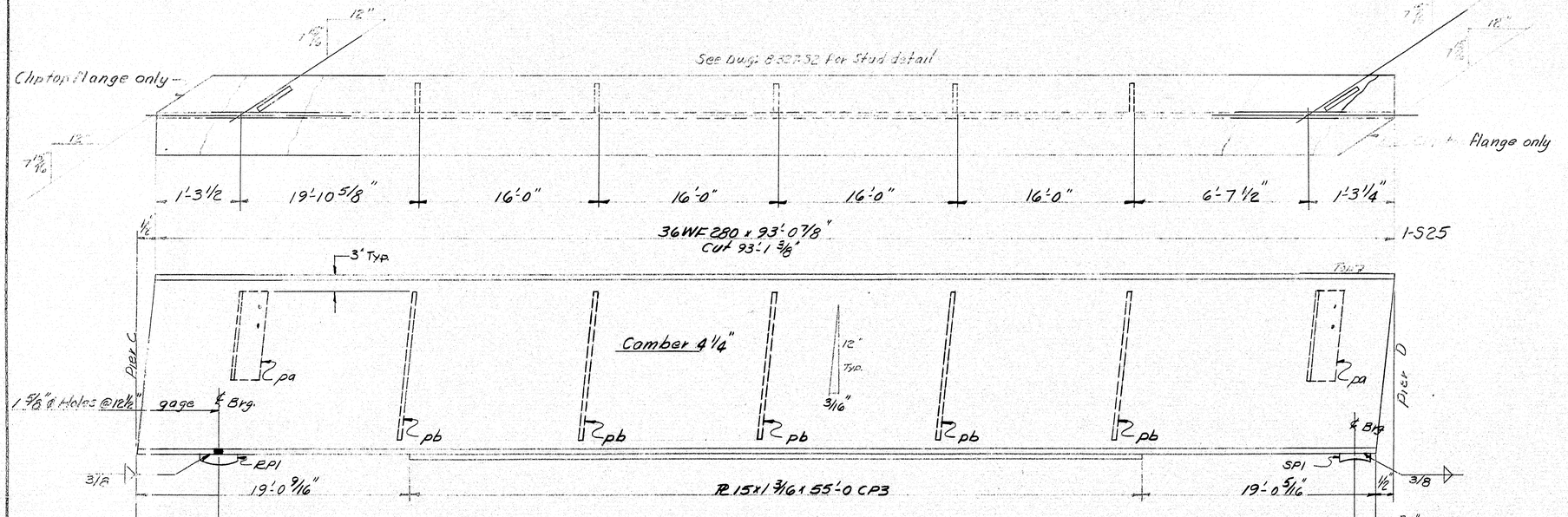

See Dwg 8-327-S2 for Stud detail
Clip top & bottom flange
Clip top Flange only
7 15/16
12"
1'-11 1/4"
3'-2 5/16"
15'-0"
15'-0"
15'-0"
15'-0"
10'-6 13/16"
1'-3 1/2"
36 WF 194 x 76'-11 7/8"
Cut 77'-0 7/16"
1-S19
3" Typ.
Top of
Camber 3"
Pbl-f
Pier C
Pier D
pz-n.s.v f.s.
pbl-n.s. only
pbl-n.s.v f.s.
pbl-f.s. only
1 5/8" ø Holes @ 8" c to c
EP2
SP2
14'-3 13/16"
PL 11 x 1 1/4 x 49'-0" CP6
13'-8 1/16"
74'-8 1/8" C-C Brg's.
See Dwg: 8-327-S2 For Stud detail
Clip top flange only
1'-3 1/2"
1'-11 9/16"
16'-0"
16'-0
16'-0
16'-0
16'-0
8'-6 13/16"
1'-3 1/4"
36 WF 280 x 93'-0 7/8"
Cut 93'-1 3/8"
1-S22
Camber 4 1/4"
pb-n.s. only
pb-n.s.v f.s.
pb-f.s. only
EP1
SP1
17'-6 9/16"
PL 15 x 1 1/2 x 58'-0" CP4
17'-6 5/16"
91'-5 1/8" C-C Brg's.
No paint - typ.
Top of
f. Diaphragm
f. Stringer
Typ. Conn for FD's Pu
NOTES: See Dwg. # B 327-S2 for Bill of Material, Typical Details & General notes.
PAINT: Per Strike of Maine Spec's as Noted
STRINGER DETAILS
Bancroft & Morton Rolling Mills Company
South Portland, Maine
INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE
CUSTOMER H. P. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.
DRAWN 12-29-58 KCM
REVISION 2-28-59 KCM
ORDER NO. V-2284
DWG. NO. 8-327-S13
APPROVED 2-13-59
72-136







TYP Conn. for ℄ to ℄



NOTES: See Dwg. 8-327-S2 for Bill of Material, Typical Details & General Notes.

PAINT: Per State of Maine Specifications Noted

REVISED 3-5-59

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILL WATER AVENUE
BANGOR, MAINE

CUSTOMER H. B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

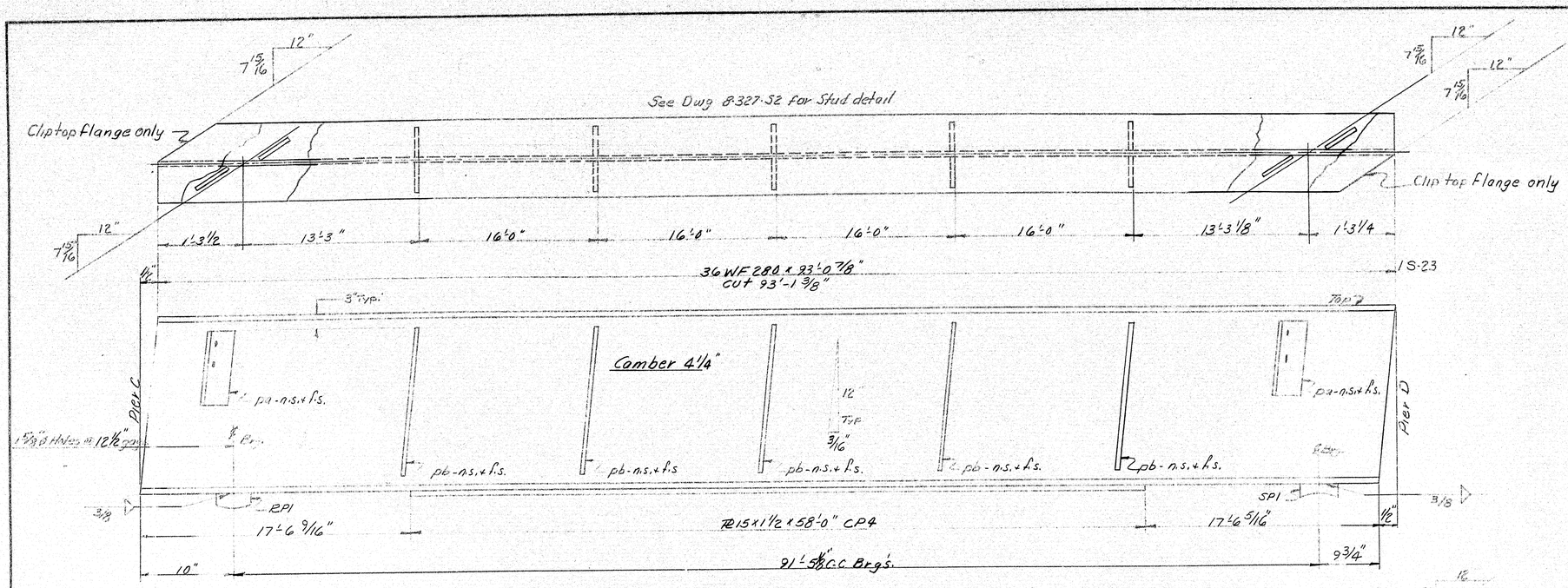
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REVISION	2-28-59	EFM
REVISION		
REVISION		

ORDER NO. VERBAL | DWG. NO. 8-327-S14

6.5. ✓

72-137

0 1 2 3 4 5 INCHES



NOTES: See Dwg. # 8-327-52 for Bill of Material, Typical Details & General Notes.

PAINT: Per State of Maine Spec's as Noted.

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H. P. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

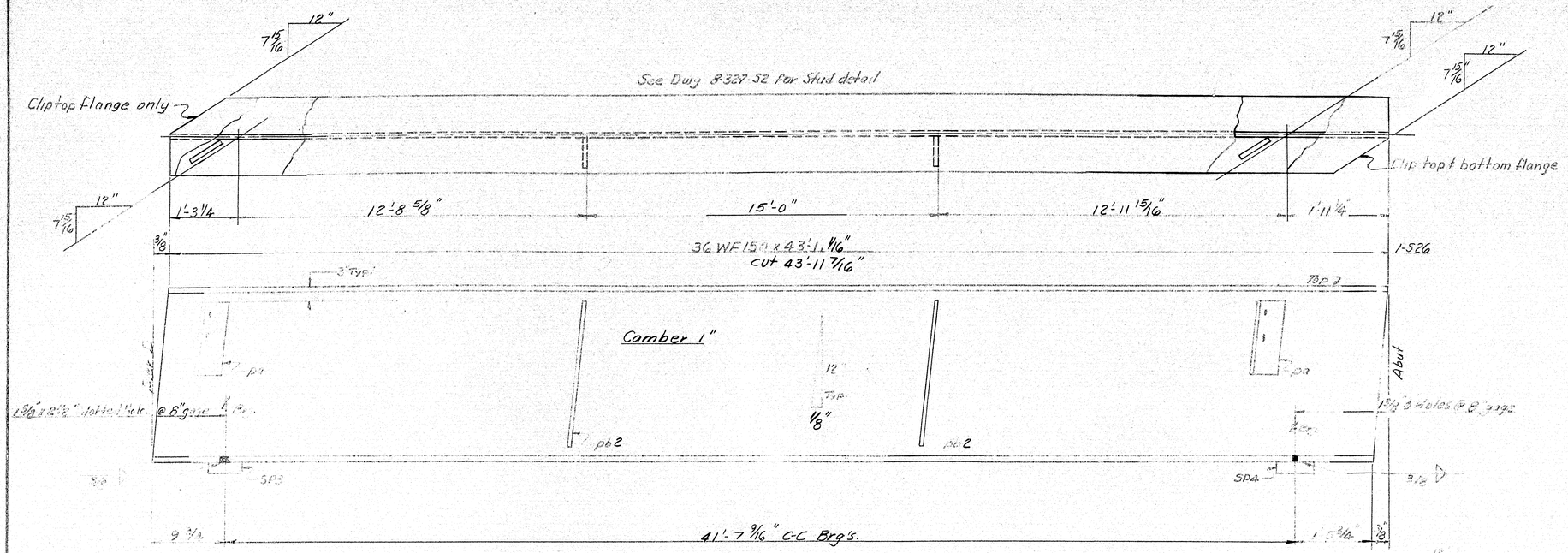
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REVISION		
REVISION		

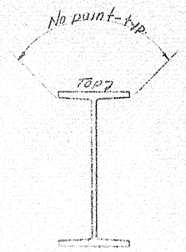
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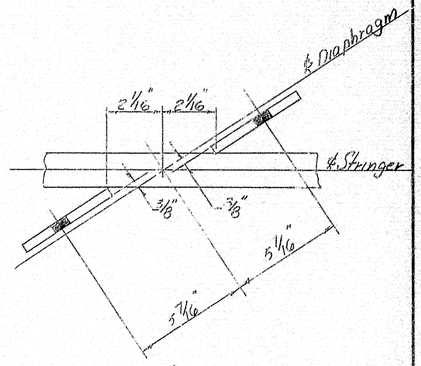
APPROVED 3-13-59

72-138

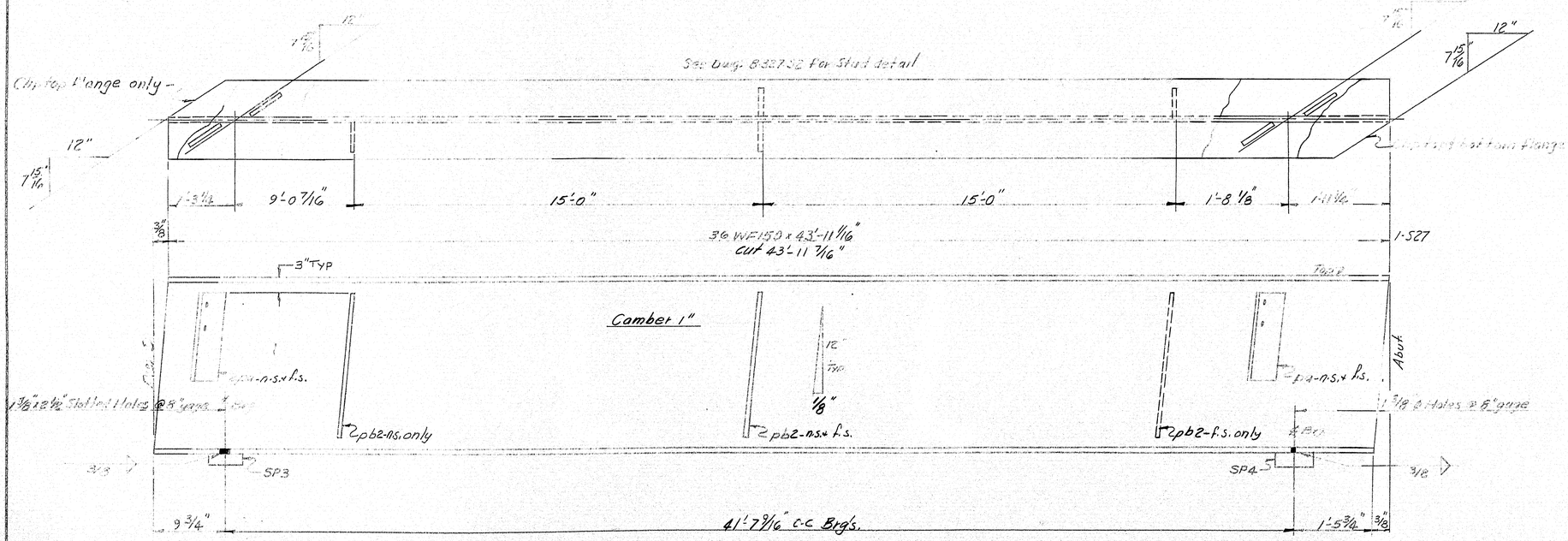
0 1 2 3 4 5 INCHES







Typ. Conn. for R's. Pa



NOTES: See Dwg. # 8327-S2 for Bill of Material, Typical Details & General notes.

PAINT: Per State of Maine Specs. as Noted.

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H. B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

ORDER NO. VERBAL | DWG. NO. 8-327-S16

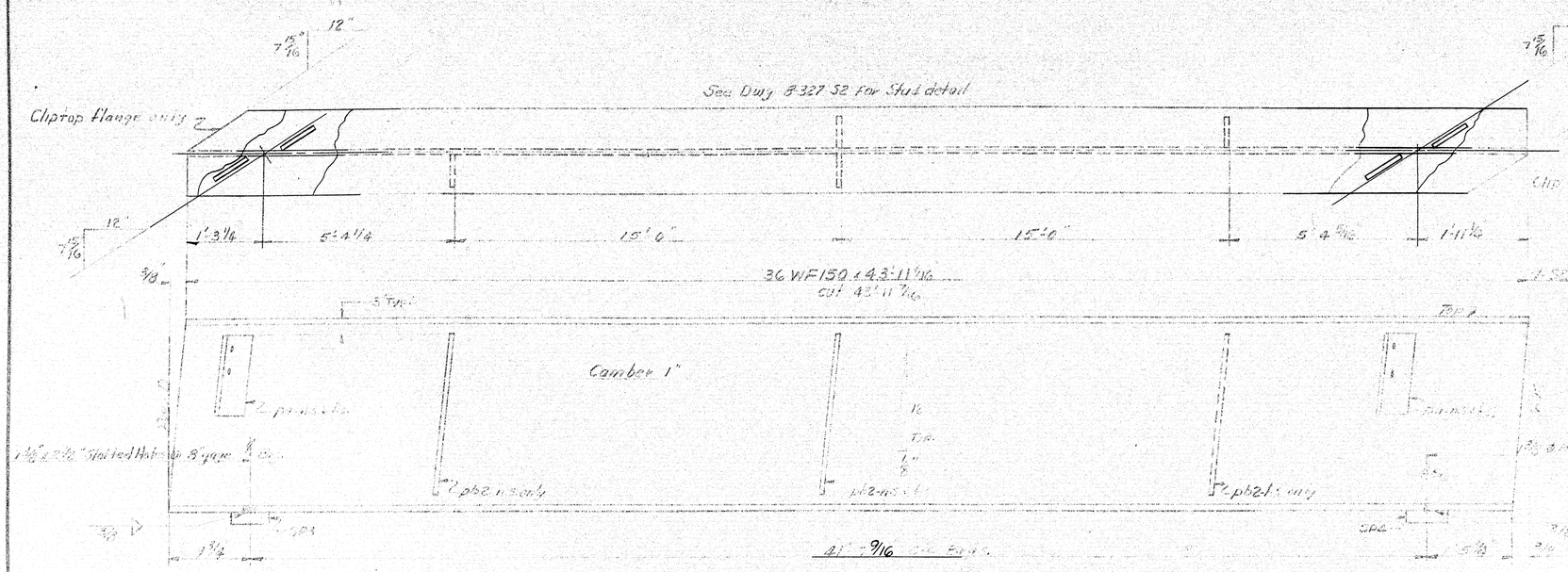
APPROVED 2-13-59

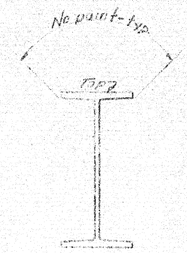
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REVISION	2-28-58	RBM
REVISION		
REVISION		

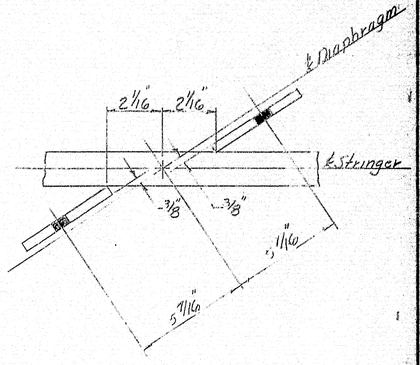
GSV

72-139

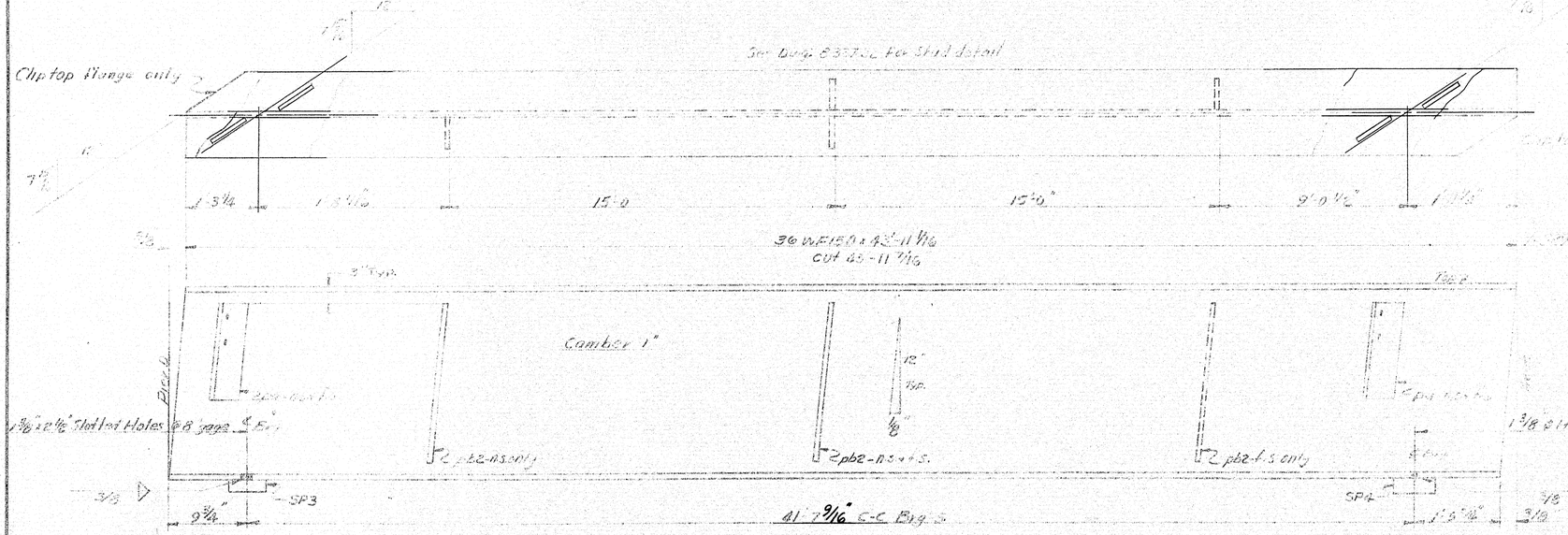
0 1 2 3 4 5 INCHES







TYP. Conn for 12" Pa.



NOTES: See Dwg. # 8-327-S2 for Bill of Materials, Typical Details & General Notes.

Welding per State of Maine Spec's as Noted

DRAWN	K.A.B.	7/64	
REVISION	8-24-72	F.B.O.	
REVISION			
REVISION			

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER A.B. FLEMING, INC.

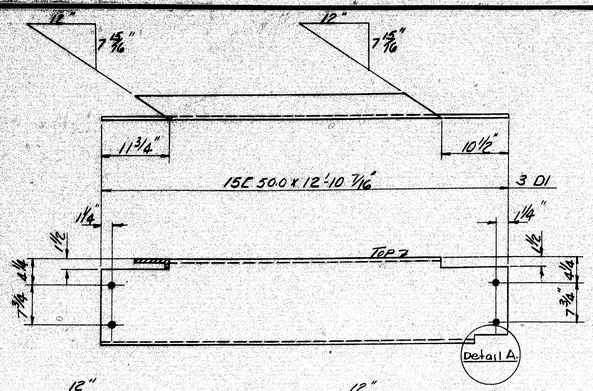
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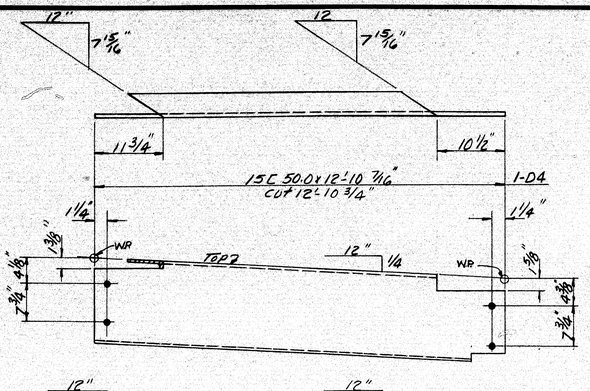
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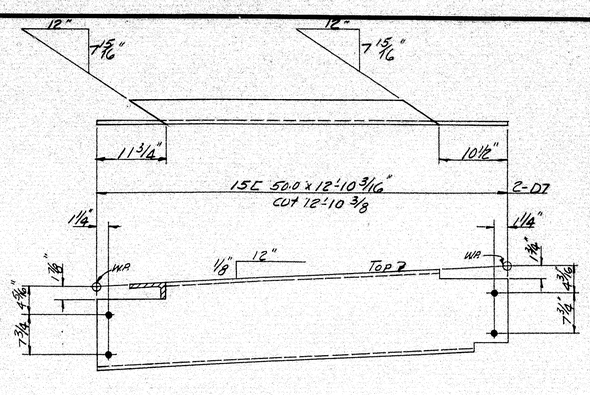
APPROVED 8-30-72

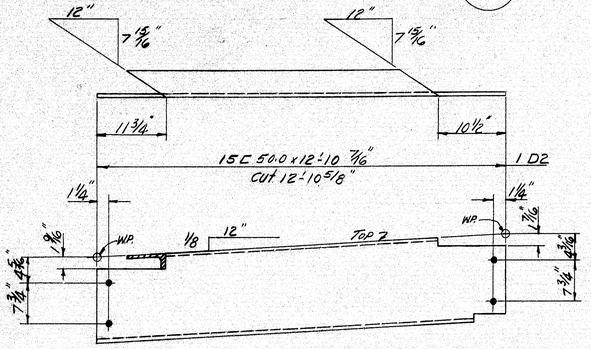
72-140

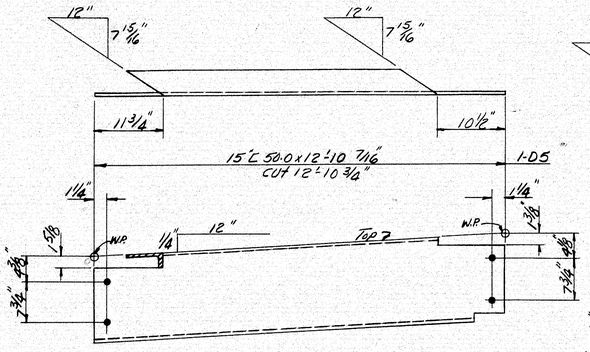
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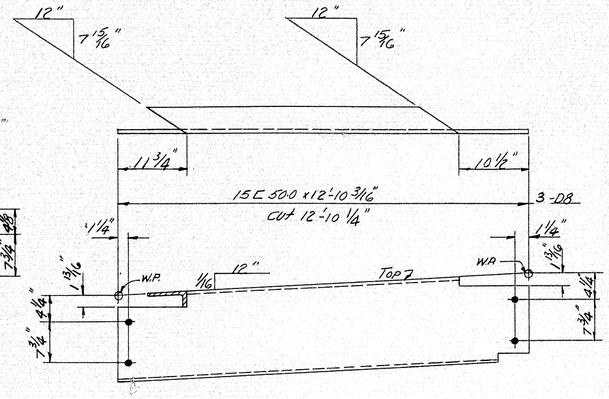


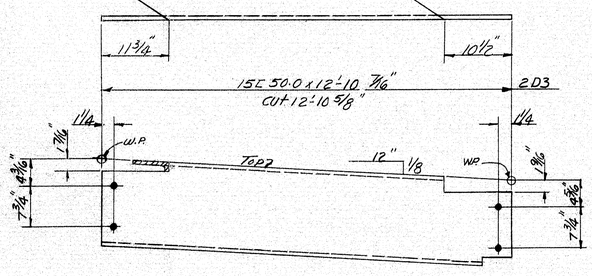


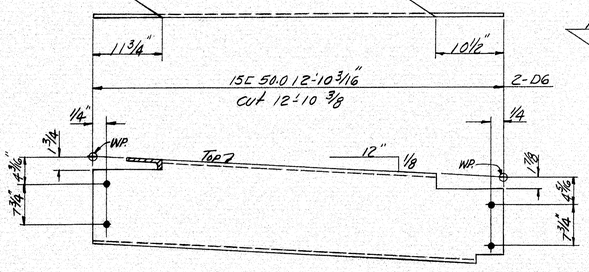


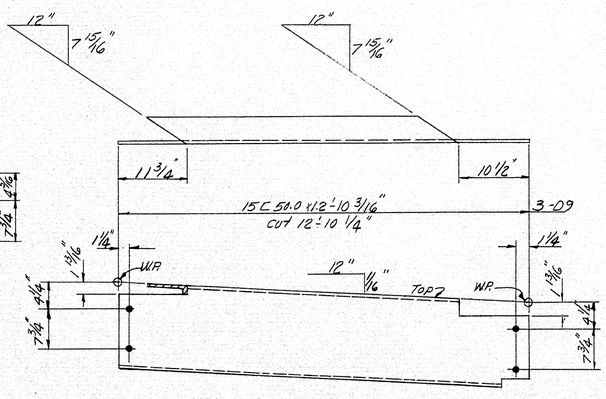


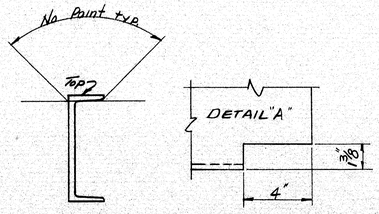












TYPICAL for DIAPHRAGMS D1 TO D28 INC.

SHIP MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT DED.	REMARKS
D1	3		15C50.0	12 10 7/16		66 #	
D2	1		D0	12 10 5/8		22 #	
D3	2			12 10 5/8		44 #	
D4	1			12 10 3/4		22 #	
D5	1			12 10 3/4		22 #	
D6	2			12 10 3/4		44 #	
D7	2			12 10 3/8		44 #	
D8	3			12 10 1/4		66 #	
D9	3			12 10 1/4		66 #	
D10	2			12 10 1/2		44 #	
D11	2			12 10 7/16		44 #	
D12	1			12 10 5/8		22 #	
D13	1			12 10 5/8		22 #	
D14	1			12 10 1/2		15 #	
D15	2			12 10 1/2		30 #	
D16	6			12 10 7/16		90 #	
D17	1			12 10 7/16		15 #	
D18	2			12 10 7/16		30 #	
D19	1			12 10 5/8		15 #	
D20	1			12 11 5/8		15 #	
D21	1			12 10 3/4		15 #	
D22	1			12 10 7/16		15 #	
D23	2			12 10 5/8		30 #	
D24	2			12 10 5/8		30 #	
D25	1			12 10 7/16		15 #	
D26	1			12 10 7/16		15 #	
D27	1			12 11		15 #	
D28	1			12 11		15 #	
D29	20		13C42.7	6 11 7/16		13 #	
D30	4		D0	6 11 3/8		3 #	
D31	2			6 11 1/2		3 #	
D32	23			6 11 5/8		40 #	
D33	24			6 11 7/16		16 #	
D34	25			6 11 5/8		44 #	

SHOP CONNECTIONS:
FIELD CONNECTIONS: Bolted & Welded
HOLES: 13/16" ∅
PAINT: Per State of Maine Specs. & as noted. Do not paint 5" from each end of Diaphragms

APPROVED 3-13-59

DIAPHRAGM DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

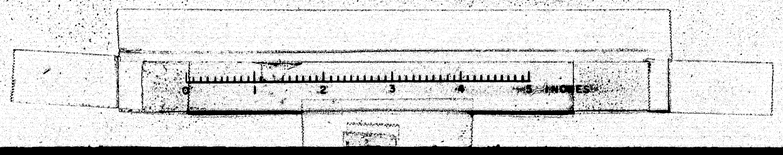
INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

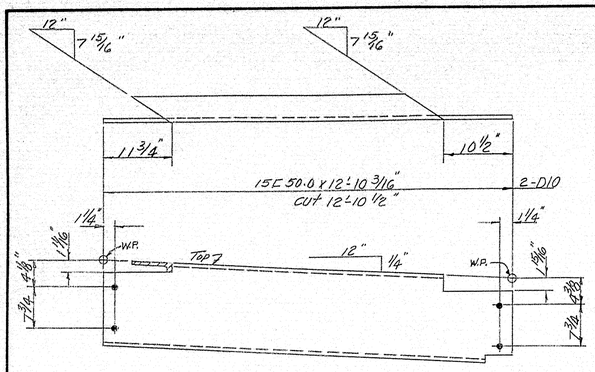
DRAWN	1-6-59	RSM
REVISION	2-4-59	RSM.
REVISION		
REVISION		

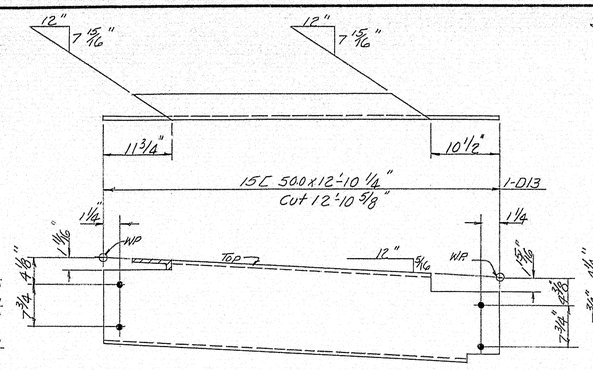
CUSTOMER H.B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.
ORDER NO. VERBAL
DWG. NO. B-327-S18

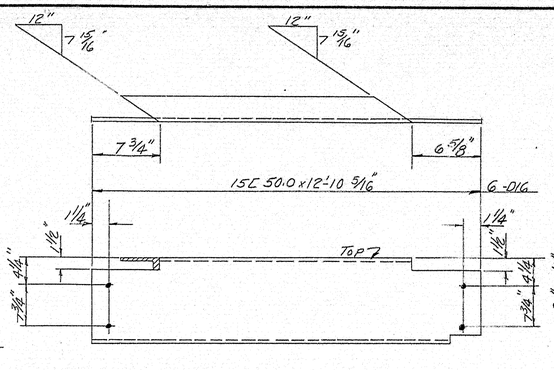
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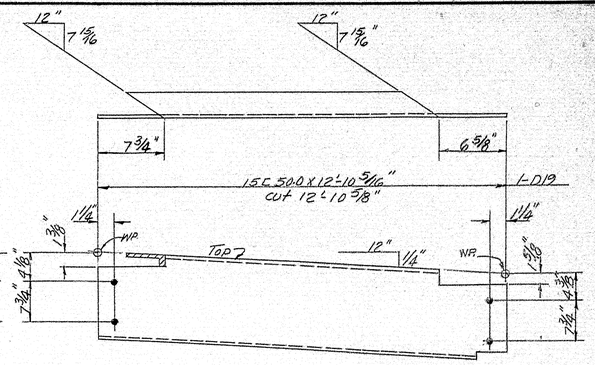
72-141

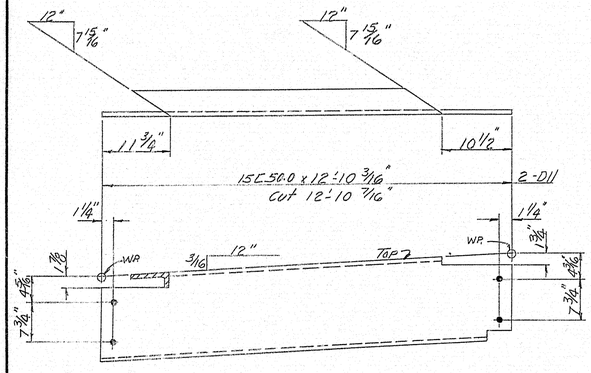


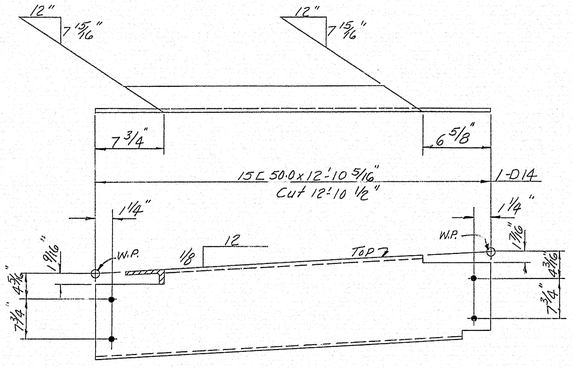


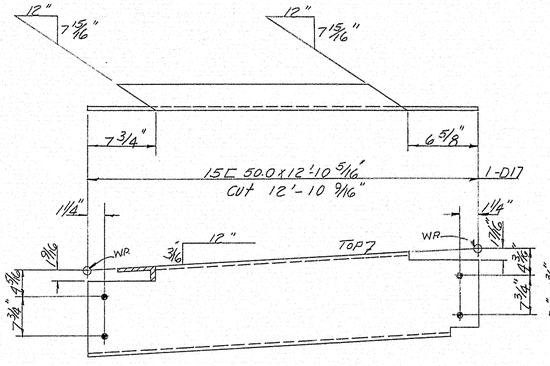


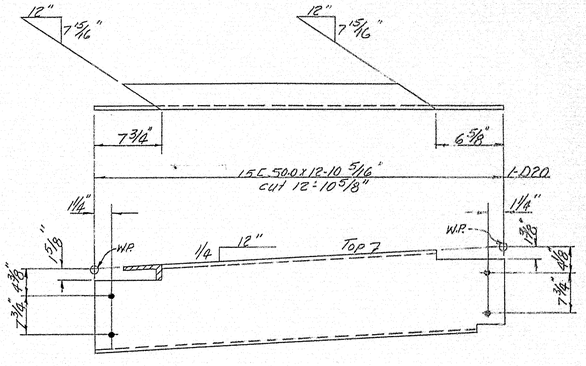


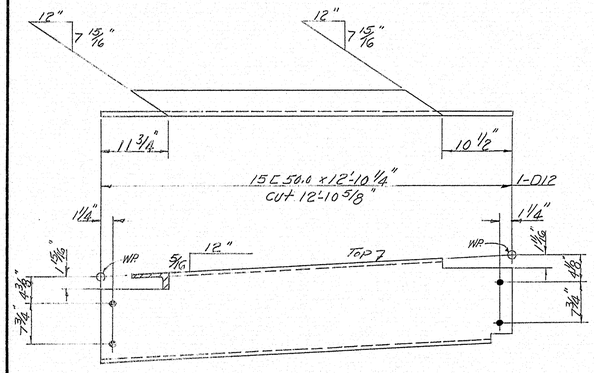


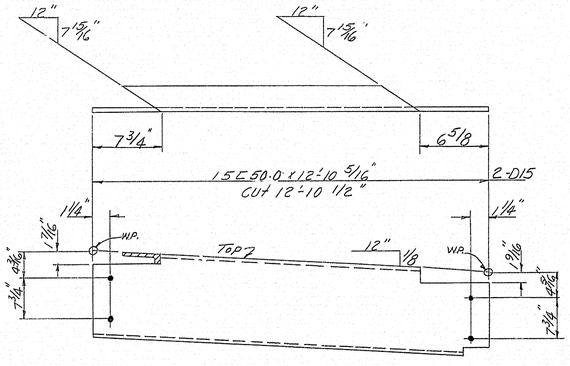


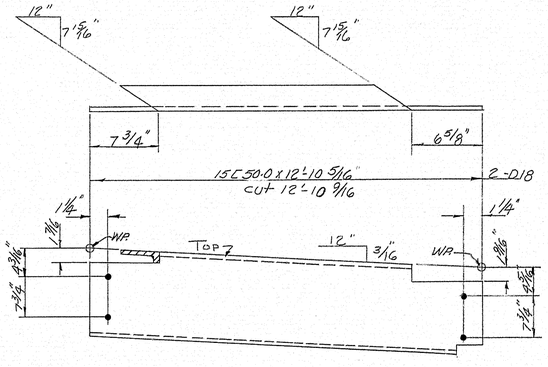


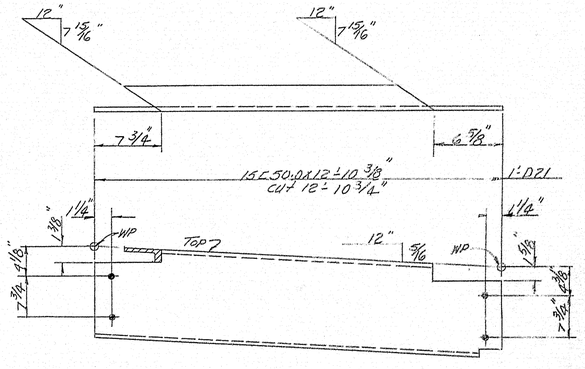












NOTES:
See Dwg. # 8.327-S18 for Bill of Material & Typ. Details
Paint per State of Maine Specs, and as noted.
Do not paint 5" from each end of Diaphragms.
Holes to be 13/16" ϕ

APPROVED 3-13-59

DIAPHRAGM DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

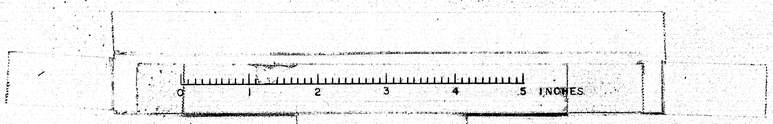
CUSTOMER H.B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

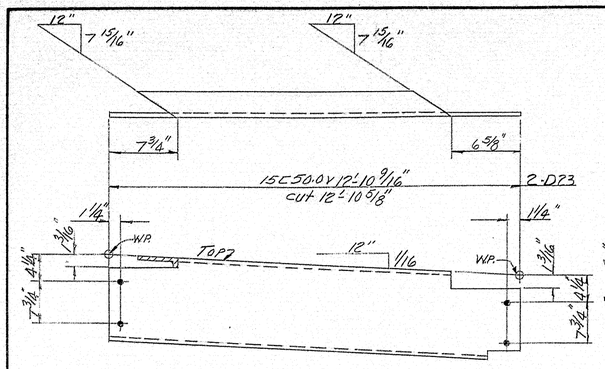
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REVISION	3-4-59	BM
REVISION		
REVISION		

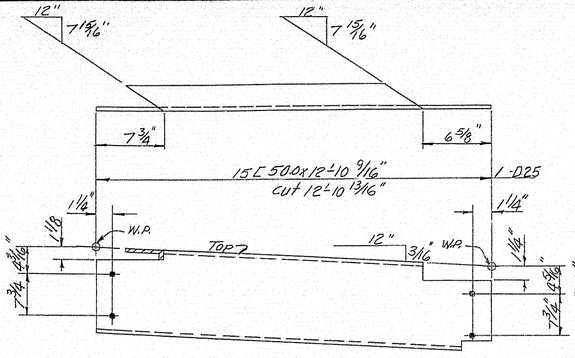
ORDER NO. VERBAL — DWG. NO. 8.327-S19

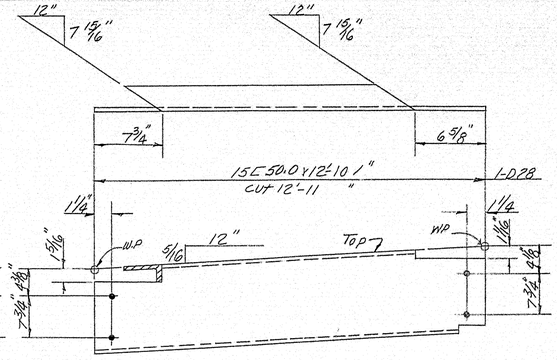
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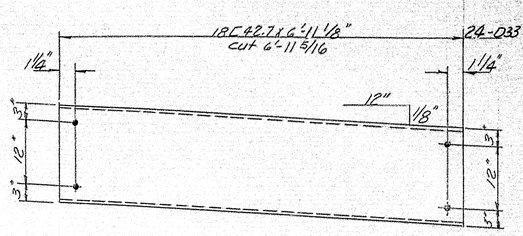
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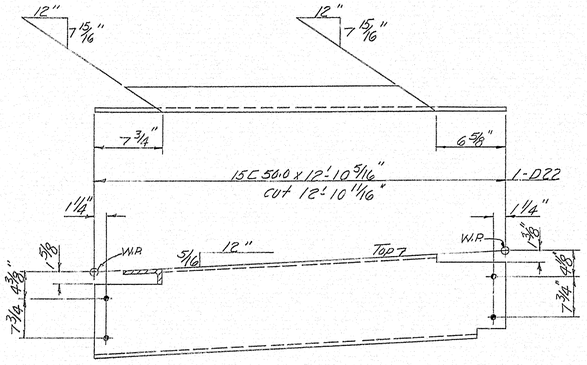


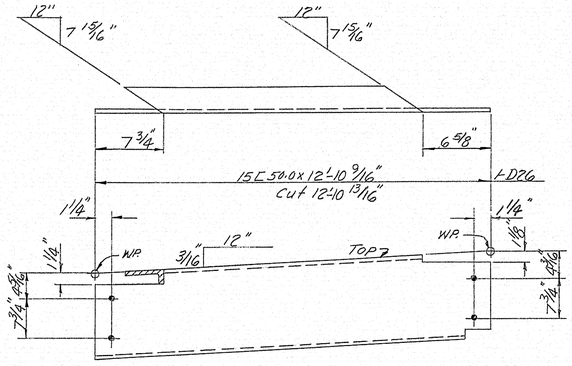


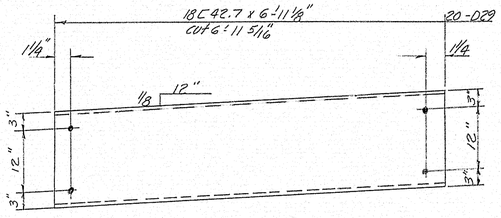


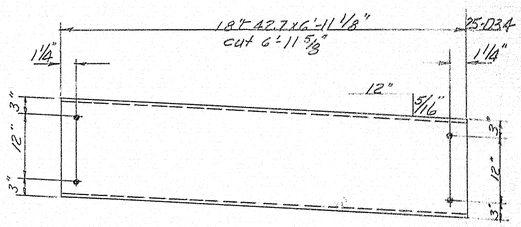


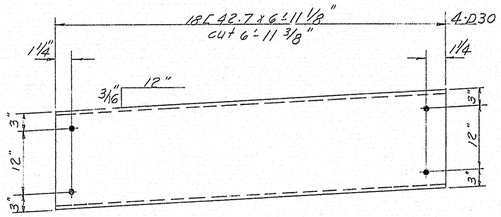


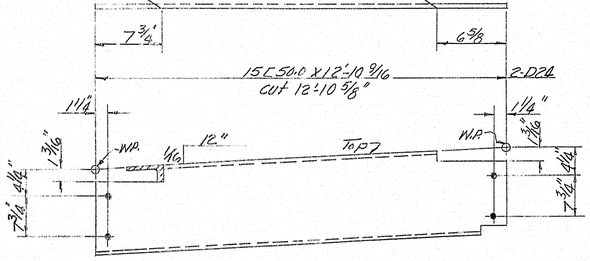


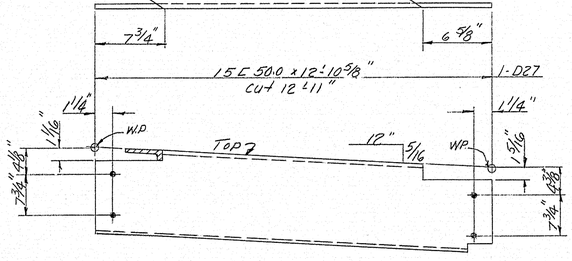


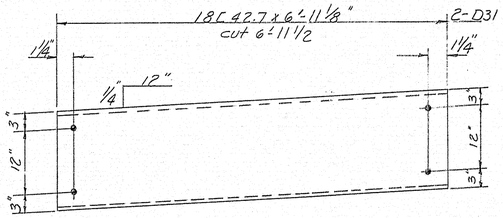


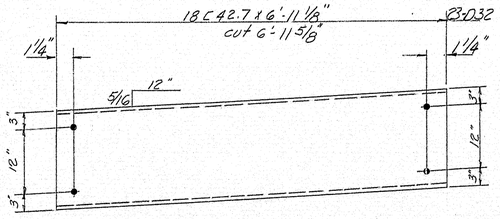












NOTES: See Dwg. #8-327-518 for Bill of Material & Typical Details.
Paint per State of Maine Specs, as noted. Do not paint 5" from each end of Diaphragms.
Holes to be 13/16" ø

MODIFIED 3-13-59

DIAPHRAGM DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

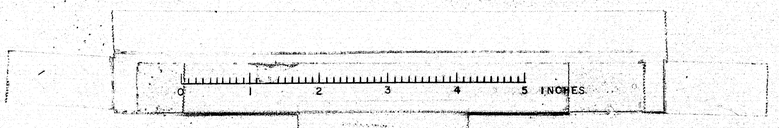
CUSTOMER H. B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

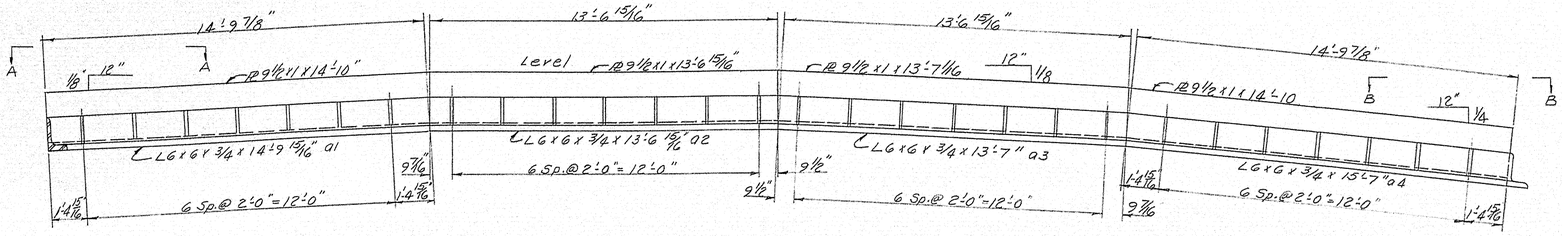
DRAWN	1-7-59	K&M.
REVISION	3-4-59	K&M.
REVISION		
REVISION		

ORDER NO. VERBAL DWG. NO. 8-327-520

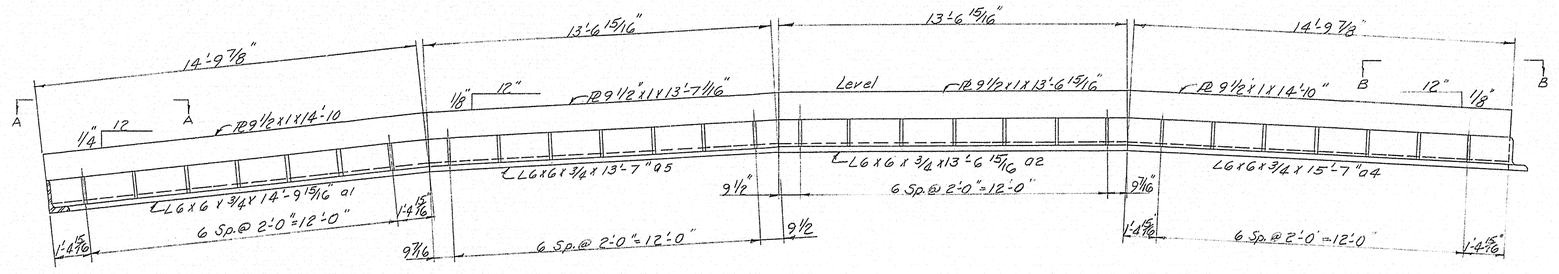
72-145

PRINTED BY STUDLEY-MOSS CO., BOSTON, MASS., BLUEPRINT NO. S-3124

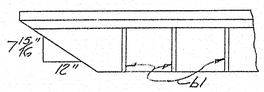




ED1 ED2 ED3 ED4

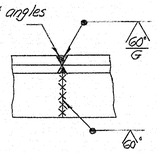


ED4a ED3a ED2a ED1a

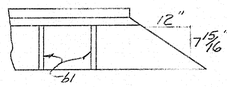


VIEW A-A

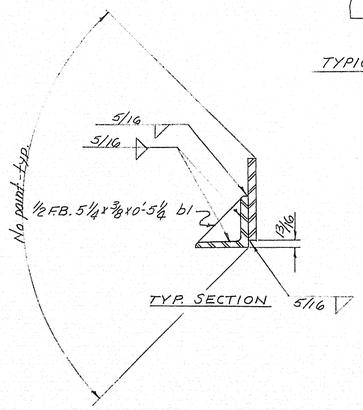
Bevelends of pl's & angles 30° for fieldweld.



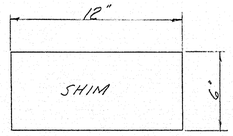
TYPICAL @ ALL JOINTS



VIEW B-B



Note
Shim to grade as required & weld with 5/16 fillet.



1/4" NORMAL

SHIM "A"	1/4	THICK	40 Req'd.
SHIM "B"	1/8	Do	40 Do
SHIM "C"	1/16	Do	80 Do

SHIP MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT DED.	REMARKS
ED1	1		PL 9 1/2 x 1	14 10			
ED1a	1		Do	14 10			
ED2	1			13 6 15/16			
ED2a	1			13 6 15/16			
ED3	1			13 7 1/16			
ED3a	1			13 7 1/16			
ED4	1			14 10			
ED4a	1			14 10			
ED5	1			14 9 7/16			
ED5a	1			14 9 15/16			
ED6	1			13 7			
ED6a	1			13 7			
ED7	1			13 7 1/16			
ED7a	1			13 7 1/16			
ED8	1			14 9 15/16			
ED8a	1			14 9 15/16			
ED9	1			14 9 7/16			
ED9a	1			14 9 7/16			
ED10	1			13 7			
ED10a	1			13 7			
ED11	1			13 7 1/16			
ED11a	1			13 7 1/16			
ED12	1			14 9 15/16			
ED12a	1			14 9 15/16			
ED13	1			14 9 15/16			
ED13a	1			14 9 15/16			
ED14	1			13 7			
ED14a	1			13 7			
ED15	1			13 7 1/16			
ED15a	1			13 7 1/16			
ED16	1			14 10			
ED16a	1			14 10			
EJT1	1		FB 6 x 1	0 9 1/16		5 lb	
EJT1a	1		Do	0 9 1/16		5 lb	
EJT2	3			0 9 1/16		15 lb	
EJT2a	3			0 9 1/16		15 lb	
EJT3	2			0 9 1/16		10 lb	
EJT3a	2			0 9 1/16		10 lb	
EJT4	2			0 9 1/16		10 lb	
EJT4a	2			0 9 1/16		10 lb	
	3	a1	L6 x 6 x 3/4	14 9 15/16		13 lb	
	2	a2	Do	13 6 15/16			
	3	a3	Do	13 7			
	3	a4	Do	15 7		14	
	3	a5	Do	13 7			

Bill of Material Continued on Dwg. B-327-S22

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: Welded
HOLES:
PAINT: Per State of Maine Specs. & as noted

EXPANSION JNT. DETAILS

Bancroft & Martin Rollings Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H.B. FLEMING
DESIGNER MAINE S.H.C., BRIDGE DIV.

ORDER NO. VERBAL | DWG. NO. B-327-S21

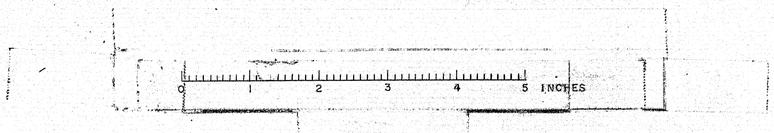
DRAWN	1-9-58	PGM
REVISION	2-28-59	JBM
REVISION		
REVISION		

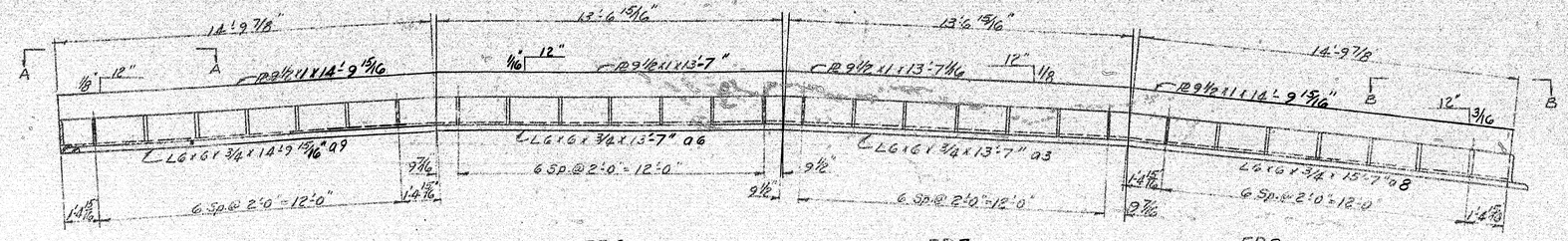
APPROVED 3-13-59

65-4

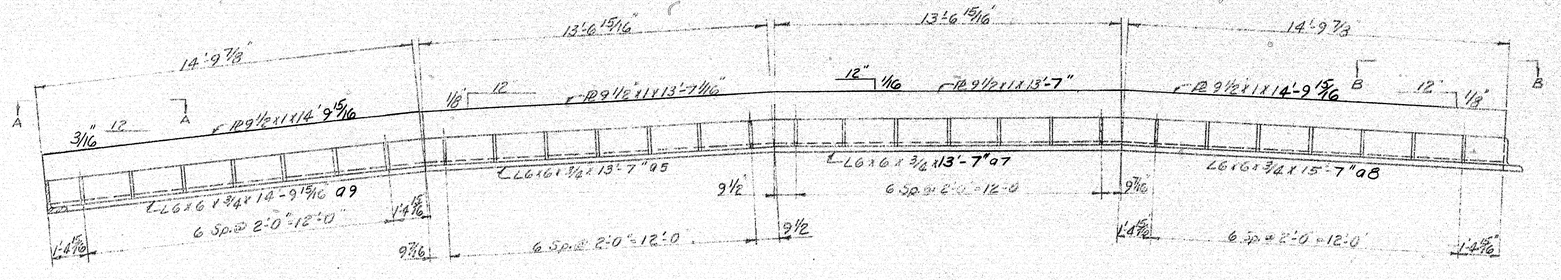
PRINTED BY STANLEY-MORR CO., BOSTON, MASS., RE-ORDER NO. 7-V

72-144





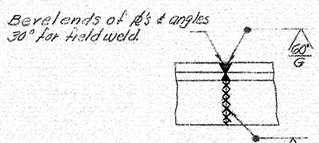
ED5 ED6 ED7 ED8



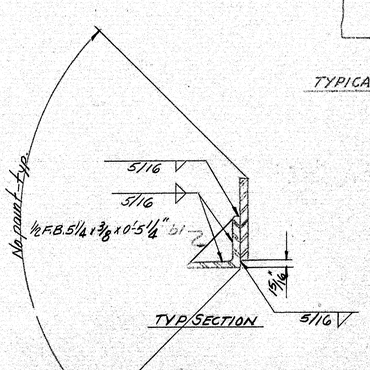
ED8a ED7a ED6a ED5a



VIEW A-A



TYPICAL @ ALL JOINTS





VIEW B-B

NOTE
Shim to grade as required & weld with 5/16 fillet.

SHIP MARK	NO.	MARK	SHAPE	LENGTH	WT.	UNIT WT.	REMARKS
	3	a6	L6X6x 3/4	13 7			
	3	a7	DO	13 7			
	4	a8		15 7		59#	
	4	a9		14 9 15/16		17#	
	1	a10		14 9 15/16		6#	
	1	a11		13 7 1/16			
	1	a12		13 7 1/16			
	1	a13		15 6 15/16		15#	
	224	b1	1/2 FB. 5 1/4 x 3/8	0 5 1/4			
	64	b2	FB. 2 1/2 x 1/2	1 2			
	16	b3	FB. 6 x 1	2 4 15/16		7#	
Shim "A"	40		PL 6 x 1/4	1 0			
Shim "B"	40		PL 6 x 1/8	1 0			
Shim "C"	80		PL 6 x 1/16	1 0			
			5/16 Fillet weld	15/16			.166 #/ft.

Bill of material Continued from Dwg. 8-327-521

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: Welded
HOLES:
PAINT: Per State of Maine Specs. & as noted

APPROVED 2-13-59

EXPANSION DAM DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

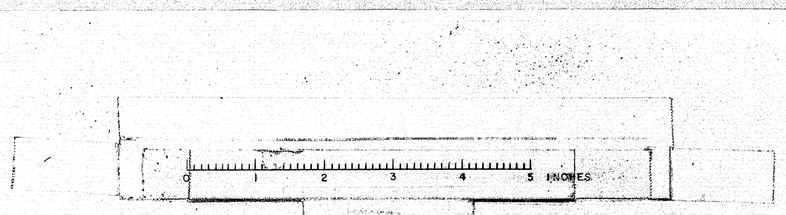
CUSTOMER H.B. FLEMING
DESIGNER MAINE S.H.C. BRIDGE DIV.

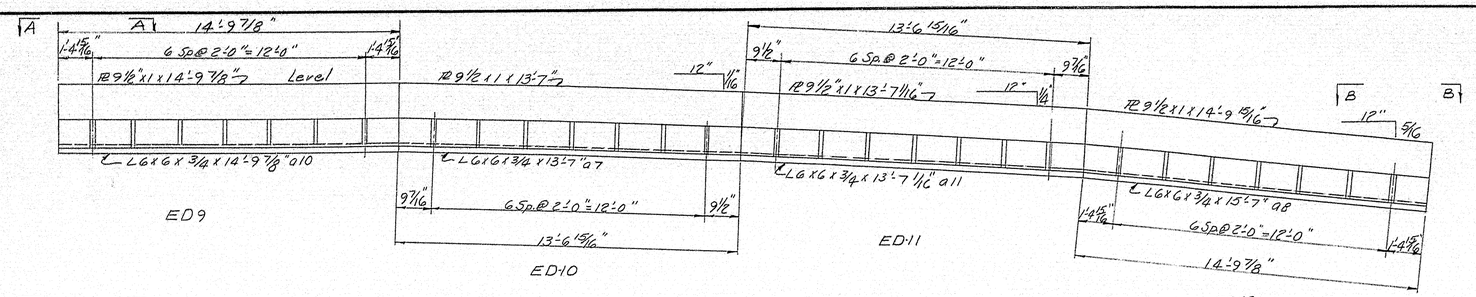
DRAWN	1-10-58	PGDi
REVISION	2-28-59	PGDi
REVISION		
REVISION		

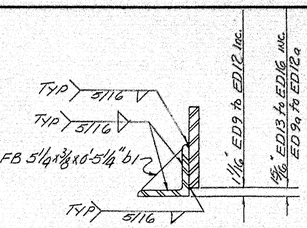
ORDER NO. VERBAL DWG. NO. 8327-522

72-145

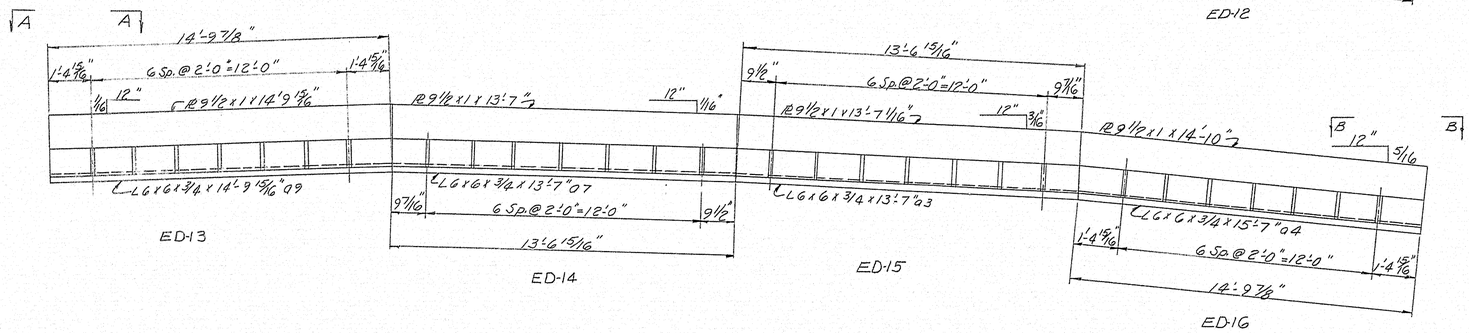
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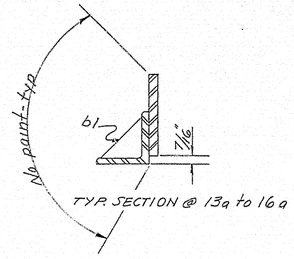


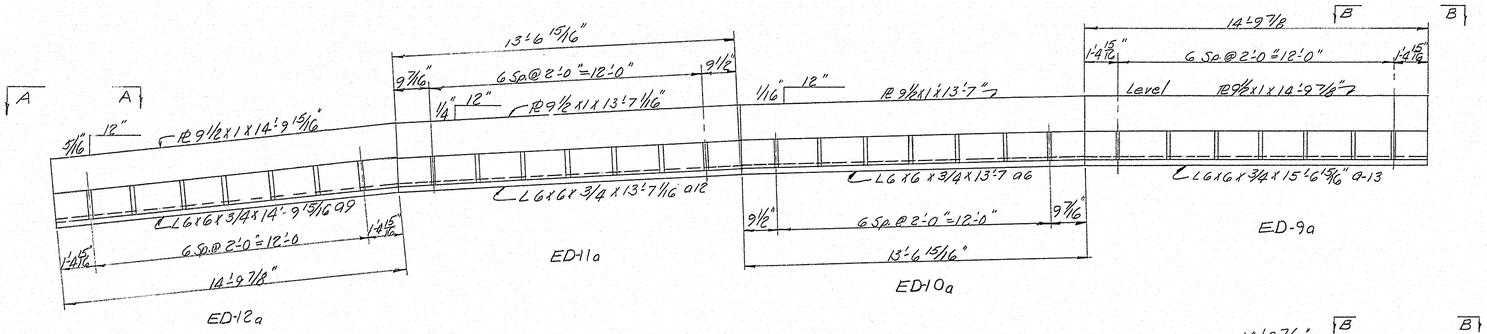


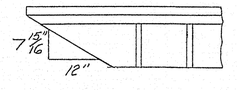


TYPICAL SECTION @ ED9 TO ED16 INC. & ED9a TO ED12a INC.

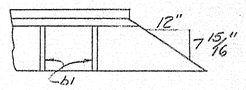






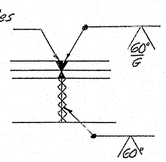


VIEW A-A



VIEW B-B

Bevel ends of PL's & angles 30° for field weld.



TYPICAL @ ALL JOINTS

NOTES: See Dwg. S-327-521 for Bill of Material

Paint per State of Maine Spec. 565 as noted.

Shim to grade as required & weld with 5/16 Fillet.

APPROVED 3-13-59

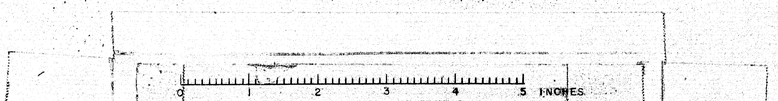
EXPANSION DAM DETAILS	
Bancroft & Martin Rolling Mills Company South Portland 7, Maine	
INTERSTATE #95 OVER STILLWATER AVENUE BANGOR, MAINE	
CUSTOMER H.B. FLEMING, INC.	
DESIGNER MAINE S.H.C. BRIDGE DIV.	
ORDER NO. VERBAL	DWG. NO. S-327-523

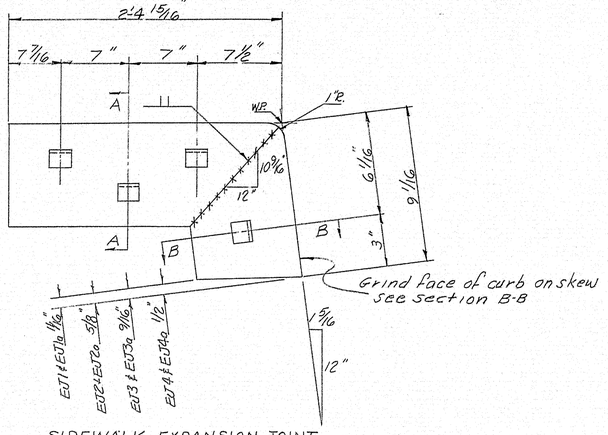
DRAWN	1-12-59	KBM
REVISION	2-28-59	KBM
REVISION		
REVISION		

GSV

PRINTED BY STANDARD-MODEL CO., BOSTON, MASS., REORDER NO. D-3934

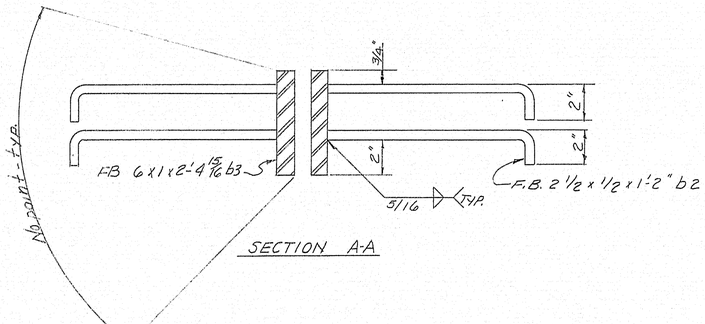
72-186



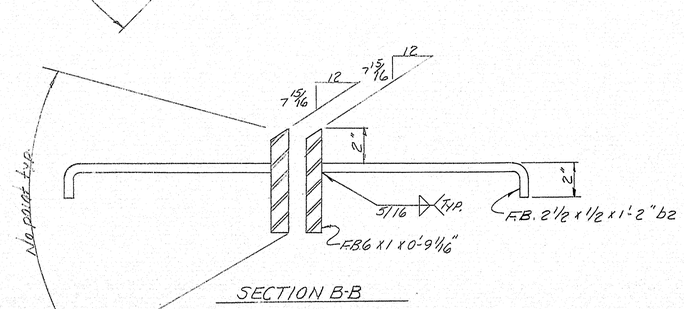


SIDEWALK EXPANSION JOINT

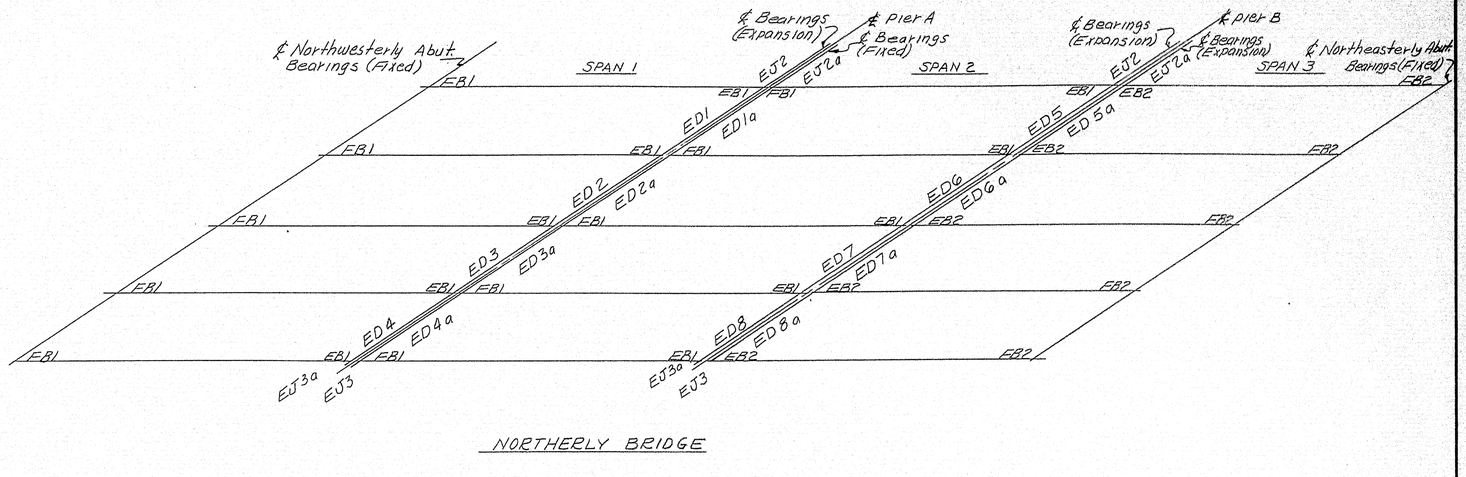
AS SHOWN	OPP HAND
EJ1 1 REQ'D.	EJ1a 1 REQ'D.
EJ2 3 REQ'D	EJ2a 3 REQ'D.
EJ3 2 REQ'D.	EJ3a 2 REQ'D.
EJ4 2 REQ'D	EJ4a 2 REQ'D.



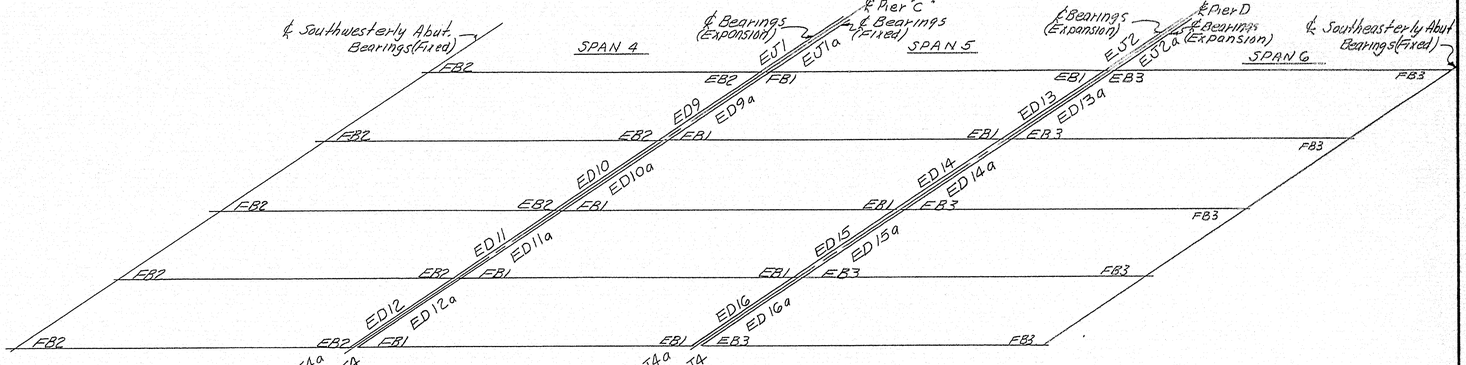
SECTION A-A



SECTION B-B



NORTHERLY BRIDGE



SOUTHERLY BRIDGE

FRAMING PLAN for BEARINGS & EXPANSION JOINTS

NOTES: See Dwg. 8-327-S21 for Bill of Material.
Paint per State of Maine Specs. & as noted.

APPROVED 3-13-59

SIDEWALK EXPANSION JOINT

Bancroft & Martin Rollings Mills Company
South Portland 7, Maine

INTERSTATE #95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H.B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

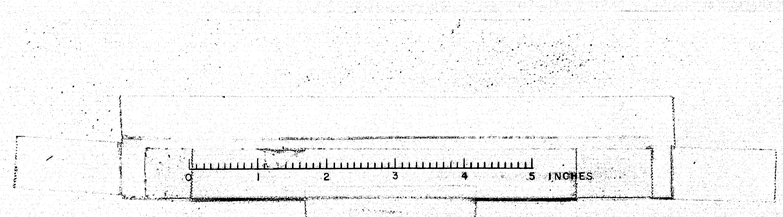
DRAWN	1-13-58	E.M.	
REVISION	3-4-59	E.M.	
REVISION			
REVISION			

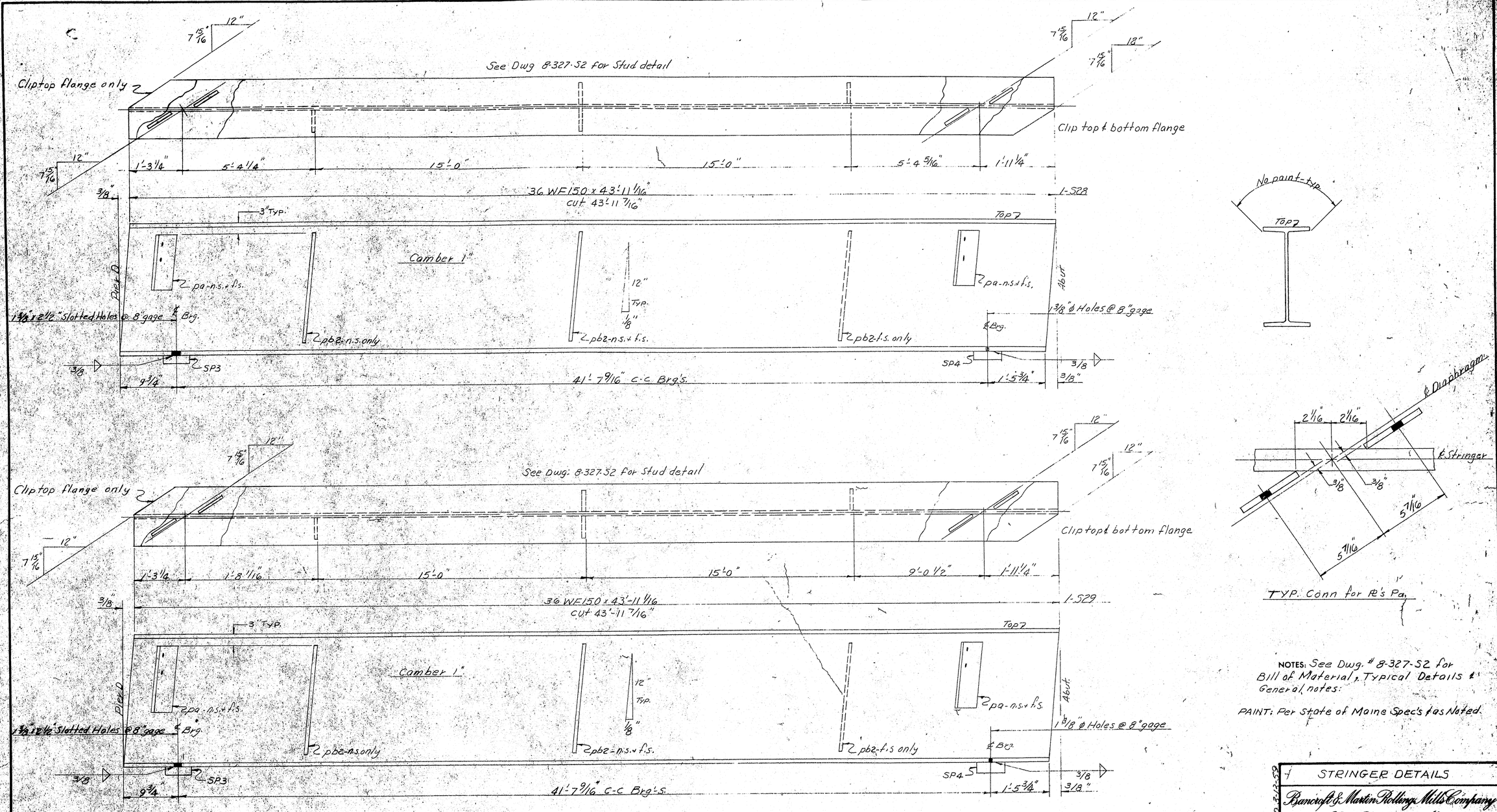
ORDER NO. VERBAL
DWG. NO. 8-327-S29

6.5.V

72-147

PRINTED BY SPAULDING MOSS CO., BOSTON, MASS., PRINTERS NO. D 2934





NOTES: See Dwg. # 8-327-52 for Bill of Material, Typical Details & General notes:

PAINT: Per State of Maine Spec's for Noted.

DRAWN	12-31-58	FBM
REVISION	2-28-59	FBM
REVISION		
REVISION		

STRINGER DETAILS

Bancroft & Martin Rolling Mills Company
South Portland 7, Maine

INTERSTATE # 95
OVER STILLWATER AVENUE
BANGOR, MAINE

CUSTOMER H. B. FLEMING, INC.
DESIGNER MAINE S.H.C. BRIDGE DIV.

ORDER NO. VERBAL | DWG. NO. 8-327-S17

ORDERED 3-23-58

72-140