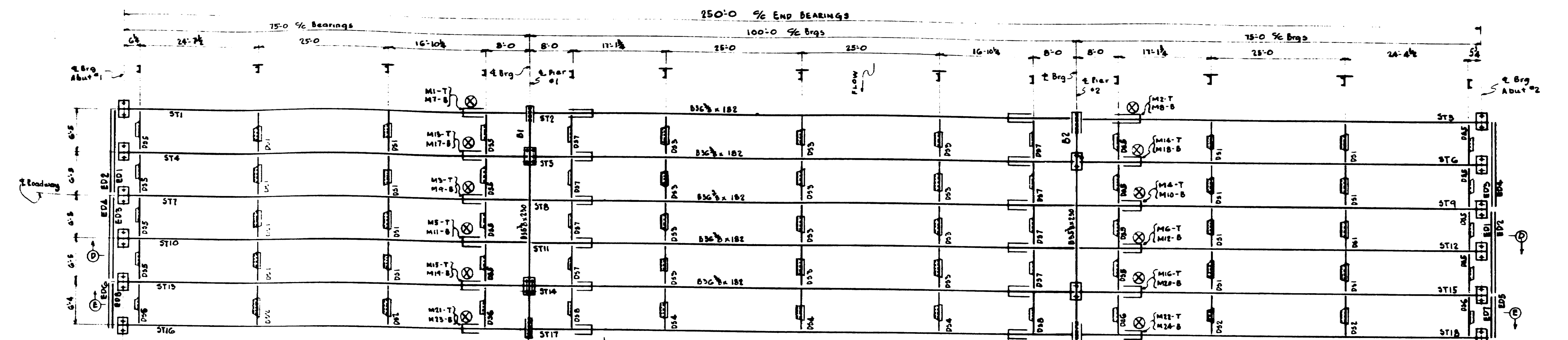


**SHOP CONTACT SURFACES** No Paint

SHOP NO. \_\_\_\_\_ CONTRACT CP2378-B SHEET 1

54-38

TRIM PRINT ON THIS LINE



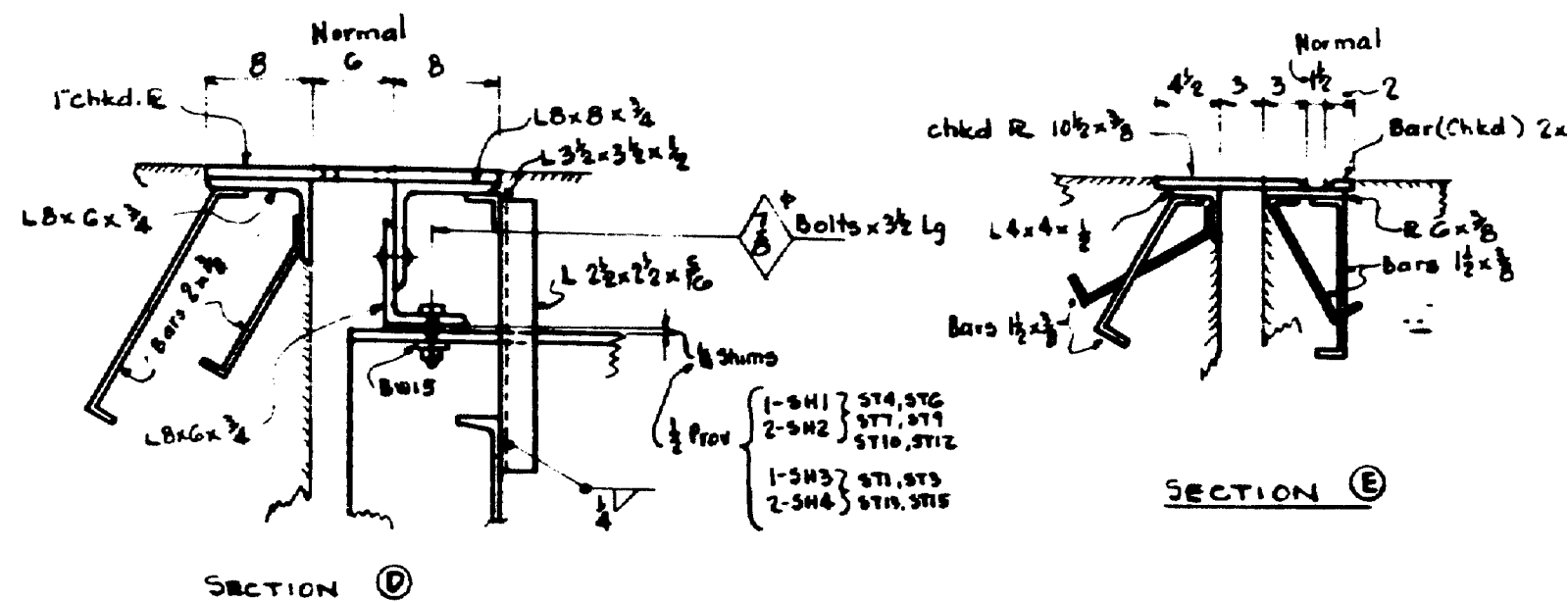
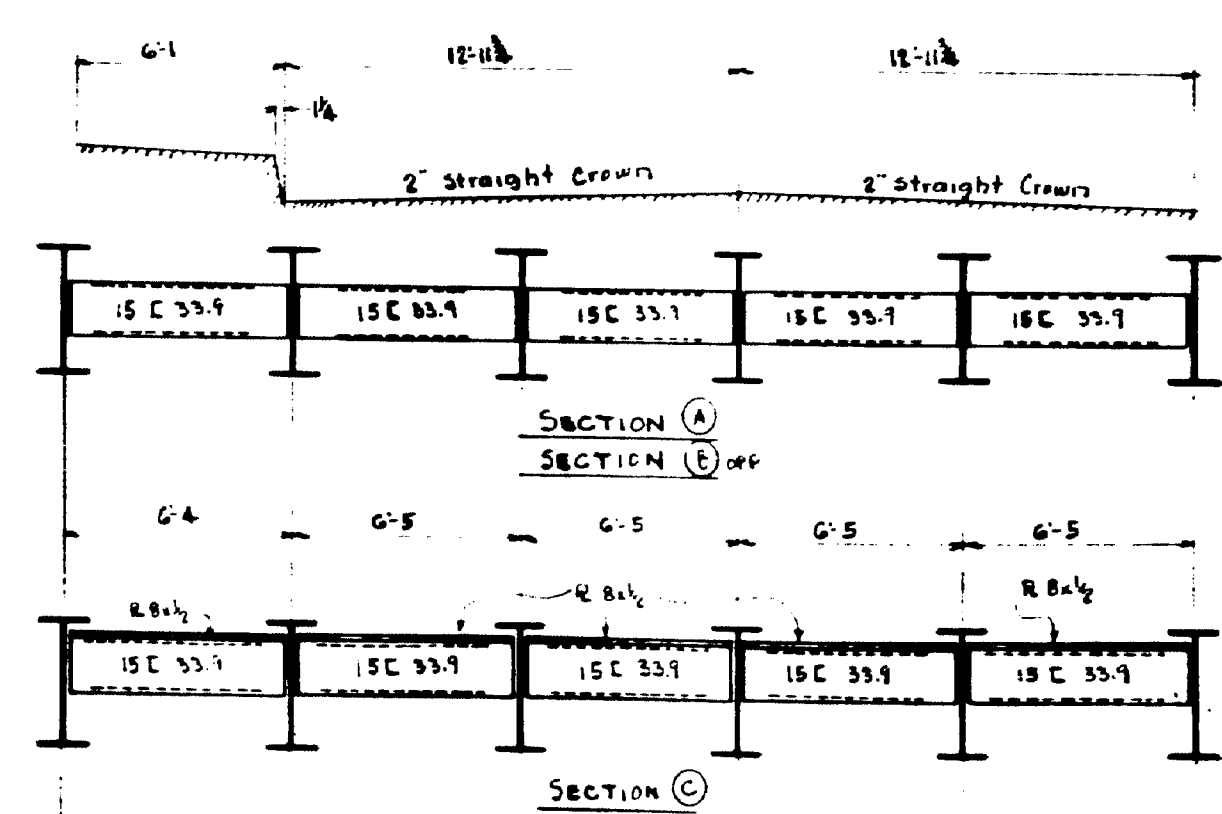
### ERECTION PLAN

Grade +0.5% UP

Stringers - B35 1/2 x 150 Unless Noted  
Diaphragms - 15C x 35.9

Camber Diagram  
Camber due to Mill Tolerance fabricate  
CONVEX side UP

ERECTOR NOTE: Place cover plate stacks with X mark  
to correspond with X and shown on plan.



ERECTOR NOTE:  
Erect Center Span 2 first, start with Fascias ST2, ST17, then ST8, ST9  
and finally ST5, ST14.

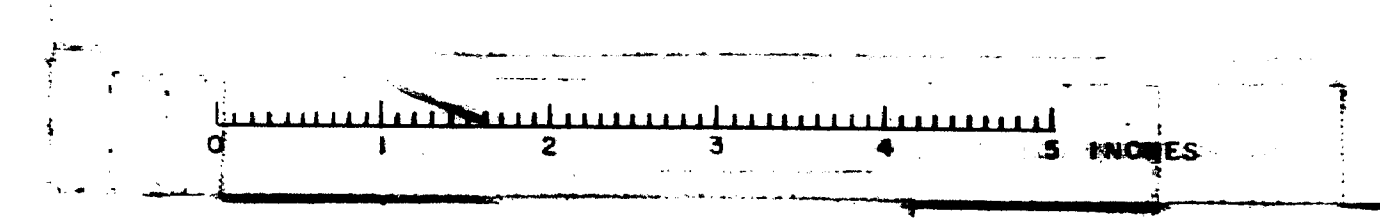
NOTES  
Erection - By others Anchor Bolts furnished by B.S.Co. Set by others.  
Specifications - State of Maine - State Hwy Commission Nov 1945.  
All dimensions on this plan must be strictly adhered to, otherwise steel  
will not fit. In case of error notify B.S.Co. at once.  
Members shall be erected with their piece mark in the same correspond-  
ing position as shown on this plan.  
All holes, blocks, cuts, etc. for other trades must be shown on this plan  
at time of approval otherwise work must be done in the field @ no expense to B.S.Co.  
Welding shall conform to the current specs. for Welded Hwy. & Railway  
Bridges of the American Welding Society.  
All dimensions in plan are horizontal.  
Field Paint, erection shims, field weld wire, drift pins, fitting up bolts, by others.  
Red Lead & Canvas furnished by others.  
Shop Paint - (In coat Red Lead (As per spec)) Except surfaces for field welding  
and those encased in concrete - NO PAINT.  
Field Connections - 3/8" Rivets, except shoeing Exp. Dam Conns. Bolted.

SH. No.	Description
E1	ERECTION PLAN
1	BEARING DETAILS
2	DETAILS
3	
4	
5	
F1	PILES & CAPS
M1	ANCHOR BOLTS
M2	WASHERS
M3	TURNED BOLTS
SR1	FIELD RIVETS
SR2	FIELD RIVETS
SR3	FIELD BOLTS

### ERECTION PLAN - ANCHOR BOLT SETTINGS

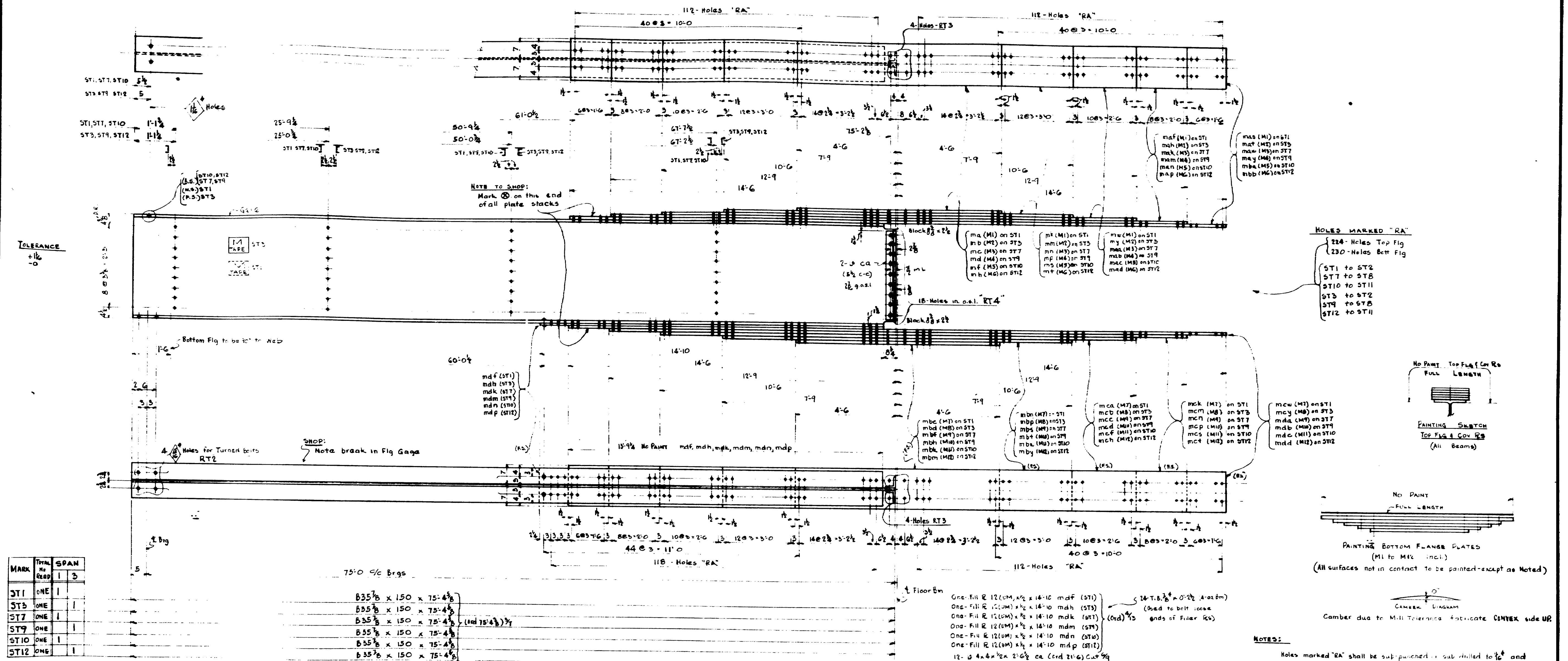
TEMP.	MAINE STATE HIGHWAY COMMISSION
DATE	STILLWATER BRIDGE #2 - PENOBSCOT CO. - OLD TOWN, ME.
LAYOUT	CUST: STATE HIGHWAY COMMISSION - AUGUSTA, ME.
PIPING	BETHLEHEM STEEL COMPANY
SHOP DES.	FABRICATED STEEL CONSTRUCTION
BY	BETHLEHEM DRAFTING ROOM 6 ETH WORKS
CHECKED	IN CHARGE MOORE MADE BY SM 5-27-51
REVIEWED	CHECKED BY JWB 5/27/51 TRACED BY
	REVIEWED LAST ASSEN. MK.

SHOP NO. CONTRACT CP2378-B SHEET E1





TRIM PRINT ON THIS LINE



MARK	TOTAL NO. REQS.	SPAN
ST1	ONE	1
ST3	ONE	1
ST7	ONE	1
ST9	ONE	1
ST10	ONE	1
ST12	ONE	1

**M1 (ONE-REQ'D) TOP on ST1 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M2 (ONE-REQ'D) TOP on ST3 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M3 (ONE-REQ'D) TOP on ST7 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M4 (ONE-REQ'D) TOP on ST9 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M5 (ONE-REQ'D) TOP on ST10 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M6 (ONE-REQ'D) TOP on ST12 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M7 (ONE-REQ'D) BOTTOM on ST1 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M8 (ONE-REQ'D) BOTTOM on ST3 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M9 (ONE-REQ'D) BOTTOM on ST7 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M10 (ONE-REQ'D) BOTTOM on ST9 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M11 (ONE-REQ'D) BOTTOM on ST10 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**M12 (ONE-REQ'D) BOTTOM on ST12 (SPAN 2)**

One - R 14(LUM) x 1/2 x 24-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 25-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 21-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 15-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2  
 One - R 14(LUM) x 1/2 x 9-0 mab (Ord) 1/2 4-T.B. 3/8 x 0-2

**SHOP NOTE**

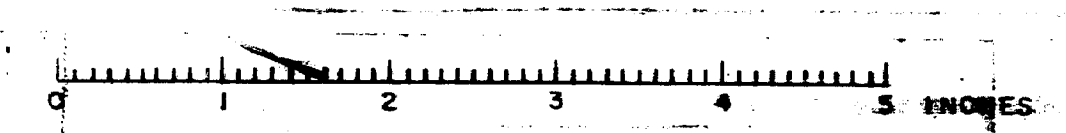
Plate stacks are to be match-marked to permit their being disassembled in field if necessary.

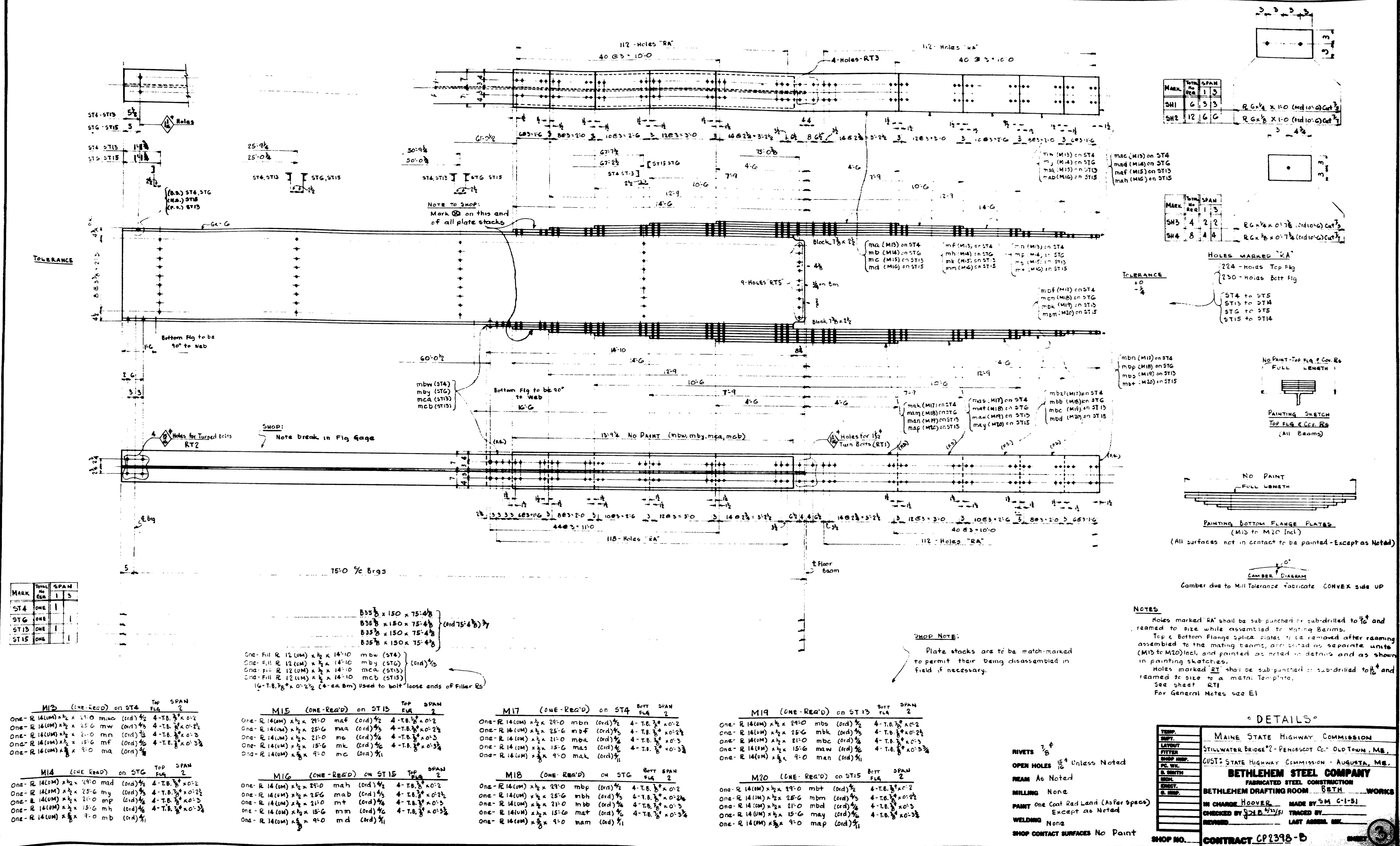
**NOTES:**

Holes marked "RA" shall be sub-punchered, sub-drilled to 1/8" and reamed to size while assembled in mating beams.  
 Top & Bottom Flange splice plates to be removed after reaming assembled to the mating beams and bolted as separate units (M1 to M12 Incl) and painted as noted in details and as shown in painting sketches.  
 Holes marked "RT" shall be sub-punchered, sub-drilled to 1/8" and reamed to size to a metal template.  
 See sheet RT1  
 For General Notes see E1.

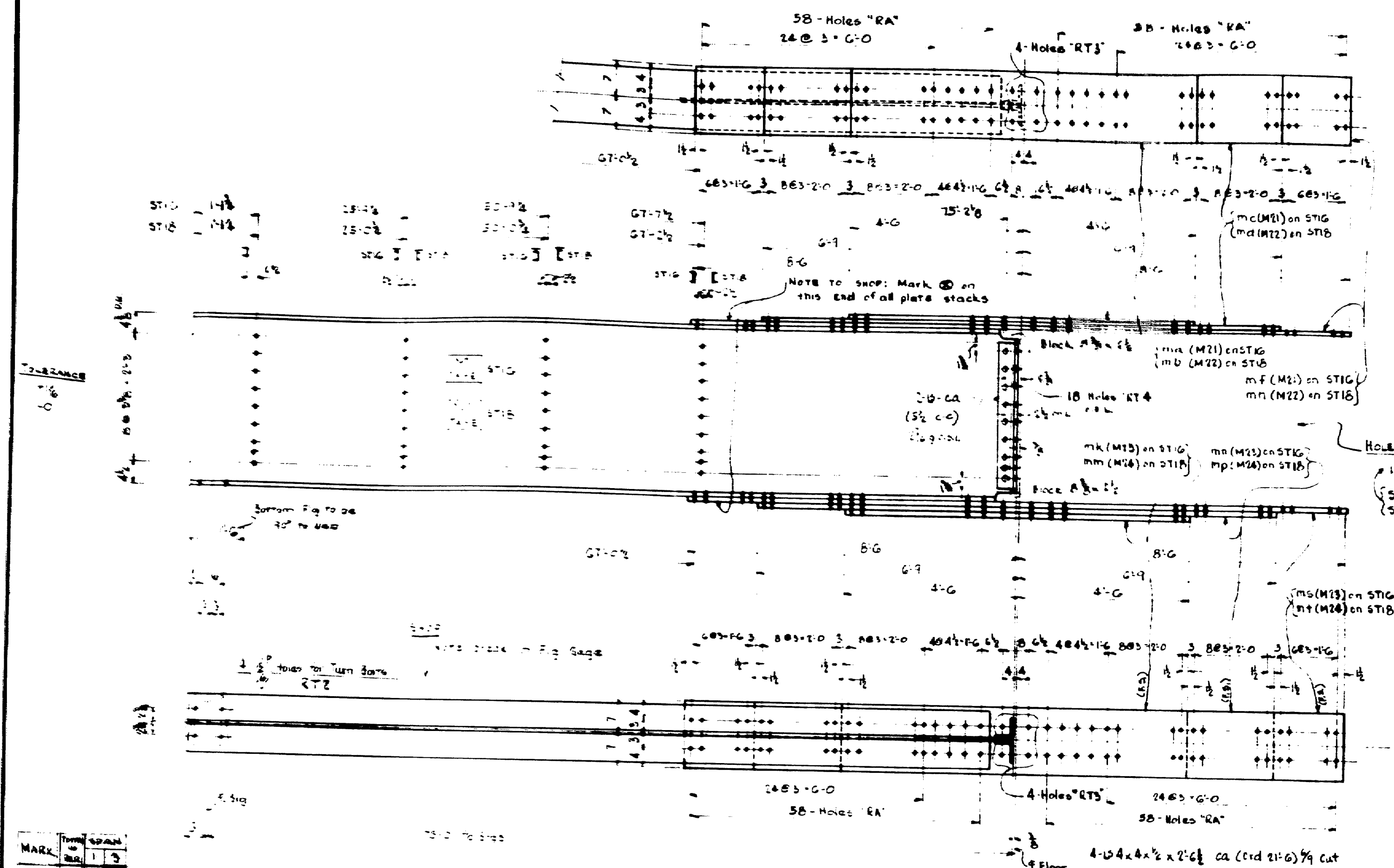
**DETAILS**

TEMP.	MAINE STATE HIGHWAY COMMISSION
LAYOUT	STILLWATER BRIDGE #2 - PENOBSCOT CO. - OLD TOWN, ME.
REVISION	GUST. STATE HIGHWAY COMMISSION AUGUSTA, ME.
DATE	
BY	
CHECKED	
APPROVED	
SHOP NO.	CONTRACT CP2398-B









MARK	TOWNSHIP OR RUR.	SPAN	
		1	2
ST16	ONE.	1	
ST18	ONE:		1

	WZL (0.000 - 1.000)	DP	DM	DT (0)	Summe
Stuecke 4 (Ume)	$\frac{1}{2} \times 100$	100	0	0	$\frac{1}{2} \times 100 = 50$
Stuecke 4 (Ume)	$\frac{1}{2} \times 50$	50	0	0	$\frac{1}{2} \times 50 = 25$
Stuecke 4 (Ume)	$\frac{1}{2} \times 40$	40	0	0	$\frac{1}{2} \times 40 = 20$

100-100-46

V.L.	Time (Sec)	Top	Bottom	Span
100	10.0	10.0	10.0	10.0
200	20.0	20.0	20.0	20.0
300	30.0	30.0	30.0	30.0
400	40.0	40.0	40.0	40.0
500	50.0	50.0	50.0	50.0
600	60.0	60.0	60.0	60.0
700	70.0	70.0	70.0	70.0
800	80.0	80.0	80.0	80.0
900	90.0	90.0	90.0	90.0
1000	100.0	100.0	100.0	100.0

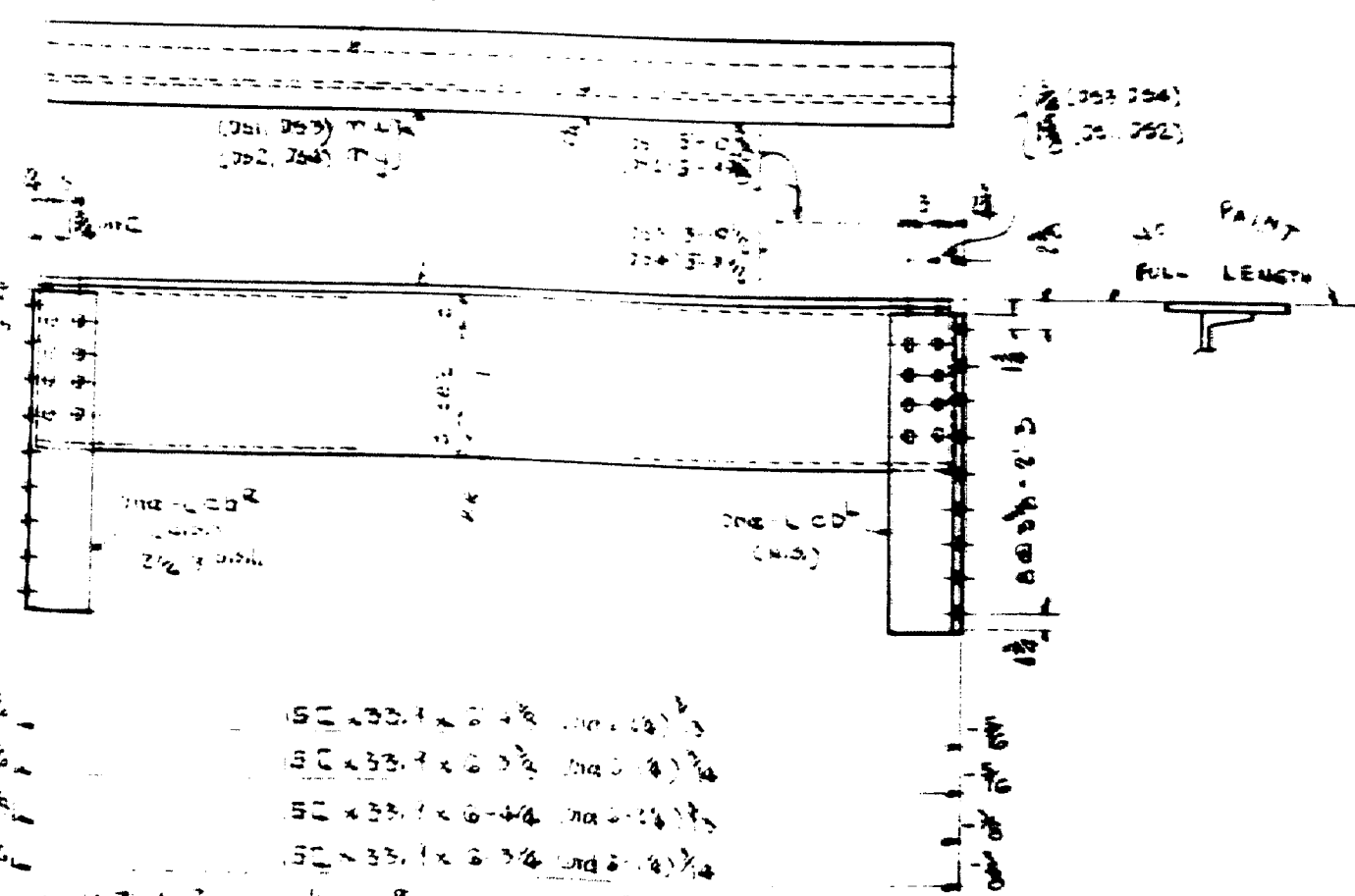
M73 (ONE REEP)	BOTT P.L.G.	ON STIG	SPAN 2
One - R 14 (UM) x 1/2 x 17:0	ms	(ord) 1/2	4-T.B. 1/2
One - R 14 (UM) x 1/2 x 15:0	mn	(ord) 1/2	4-T.B. 1/2
One - R 14 (UM) x 1/2 x 9:0		(ord) 1/2	4-T.B. 1/2

M24 (ONE-READ) <sup>BERT</sup> FILE ON ST18 SPAN 2

One-R 14(UM) $\times \frac{1}{2} \times 17-0$	mm	(ord) $\frac{1}{2}$
One-R 14(UM) $\times \frac{1}{2} \times 13-6$	mm	(ord) $\frac{1}{4}$
One-R 14(UM) $\times \frac{1}{8} \times 9-0$	mm	(ord) $\frac{1}{4}$
4-T.B. $\frac{3}{8} \times 0-2$	4-T.B. $\frac{3}{8} \times 0-2 \frac{1}{2}$	

SACD NOTE

Plate stacks are to be match marked to permit their being disassembled in field if necessary

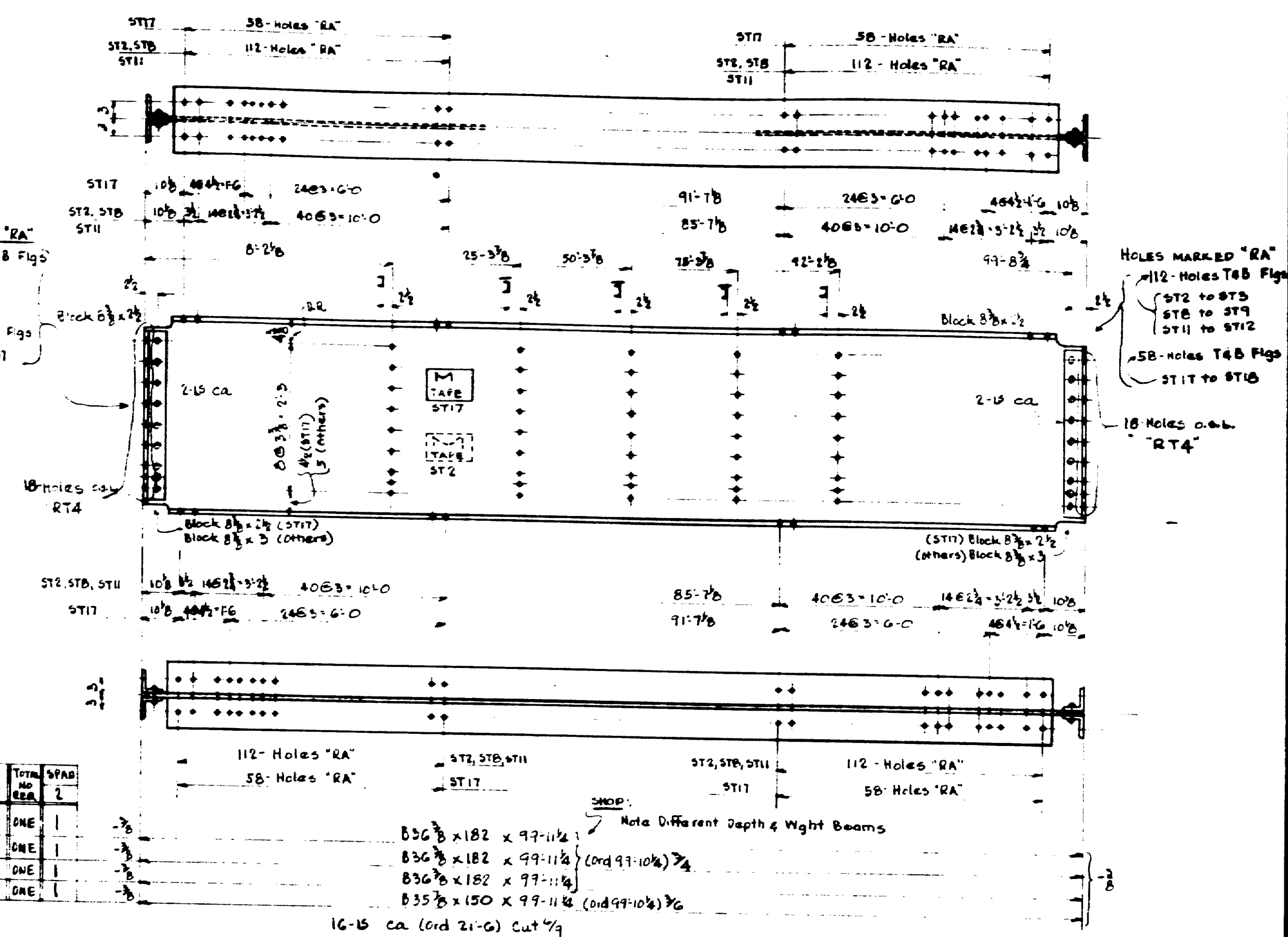
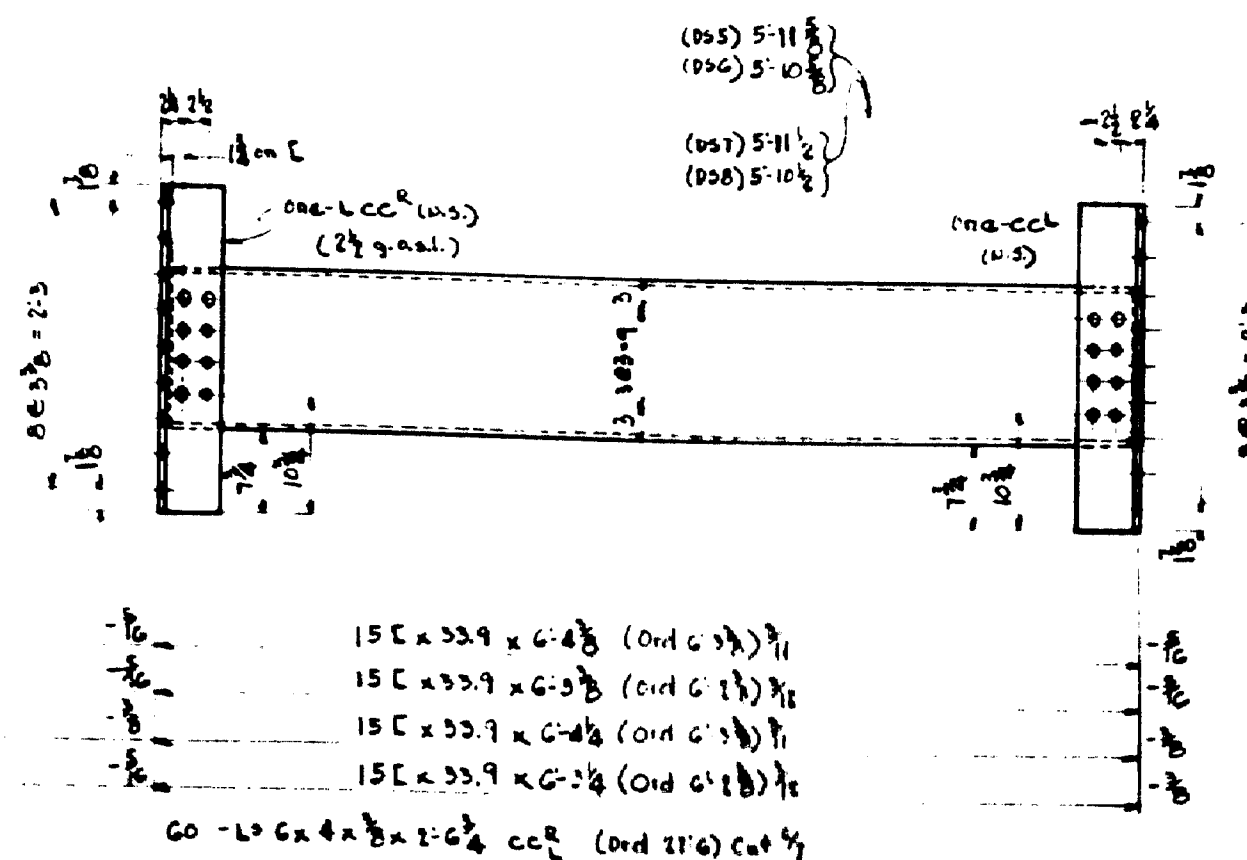


MARK	TOTAL NO REQ		SPAN		
	1	2	3	4	5
DS1	16	8	8		
DS2	4	2	2		
DS3	12		12		
DS4	3		3		

$52 \times 33.7 \times 2 \times 2$	$\text{ma} = 33.7$
$52 \times 33.7 \times 2 \times 2$	$\text{ma} = 33.7$
$52 \times 33.7 \times 2 \times 2$	$\text{ma} = 33.7$
$52 \times 33.7 \times 2 \times 2$	$\text{ma} = 33.7$

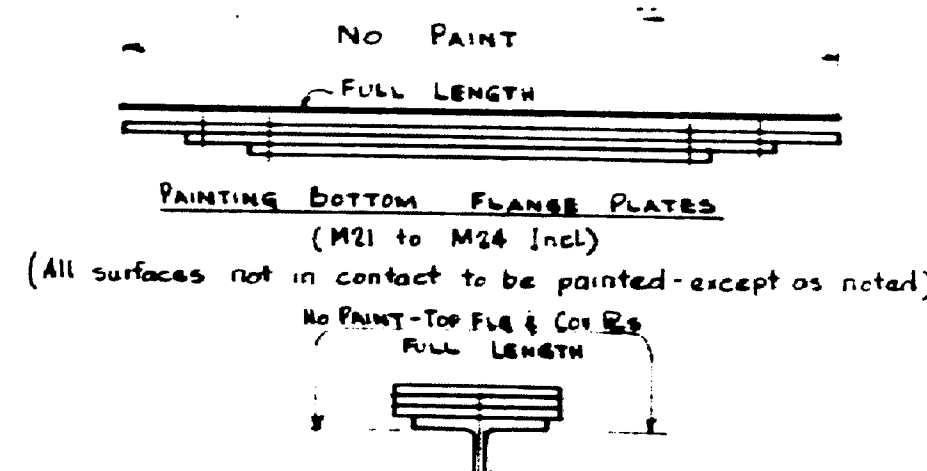
MARK	TOTAL SPAN		
	NO REG	1	2 3
D55	16	8	8
D56	4	2	2
D57	8		8
D58	2		2

15 [ x 33.9 x 6-4 1/2 (Ord G 3 1/2) 11  
15 [ x 33.9 x 6-5 1/2 (Ord G 1 1/2) 11  
15 [ x 33.9 x 6-4 1/2 (Ord G 3 1/2) 11  
15 [ x 33.9 x 6-5 1/2 (Ord G 1 1/2) 11



MARK	TOTAL NO REQ	SPAD
		2
ST 2	ONE	1
ST 8	ONE	1
ST 11	ONE	1
ST 17	ONE	1

$B36 \frac{3}{8} \times 182 \times 99-11 \frac{1}{4}$  Note Different Depth & Wight Beams  
 $B36 \frac{3}{8} \times 182 \times 99-11 \frac{1}{4}$  (Ord 99-10%)  $\frac{3}{4}$   
 $B36 \frac{3}{8} \times 182 \times 99-11 \frac{1}{4}$   
 $B35 \frac{3}{8} \times 150 \times 99-11 \frac{1}{4}$  (Ord 99-10%)  $\frac{3}{8}$   
 16-B ca (Ord 21-G) Cut by



Camber Diagram

Camber due to Mill Tolerance Fabricate convex side UP

NOTES:

Holes marked "RA" shall be sub-punched or sub-drilled to  $\frac{1}{16}$ " and reamed to size while assembled to Mating Beams.

Top & Bottom Flange Splice Plates to be removed after reaming assembled to the mating beams and bolted as separate units, (M21 to M24 incl) and painted as noted in details and as shown in painting sketches.

Holes marked "RT" shall be sub-punched or sub-drilled to  $\frac{1}{16}$ " and reamed to size to a metal Template.

See sheet RT1

For General Notes & Welding Specs. see E1

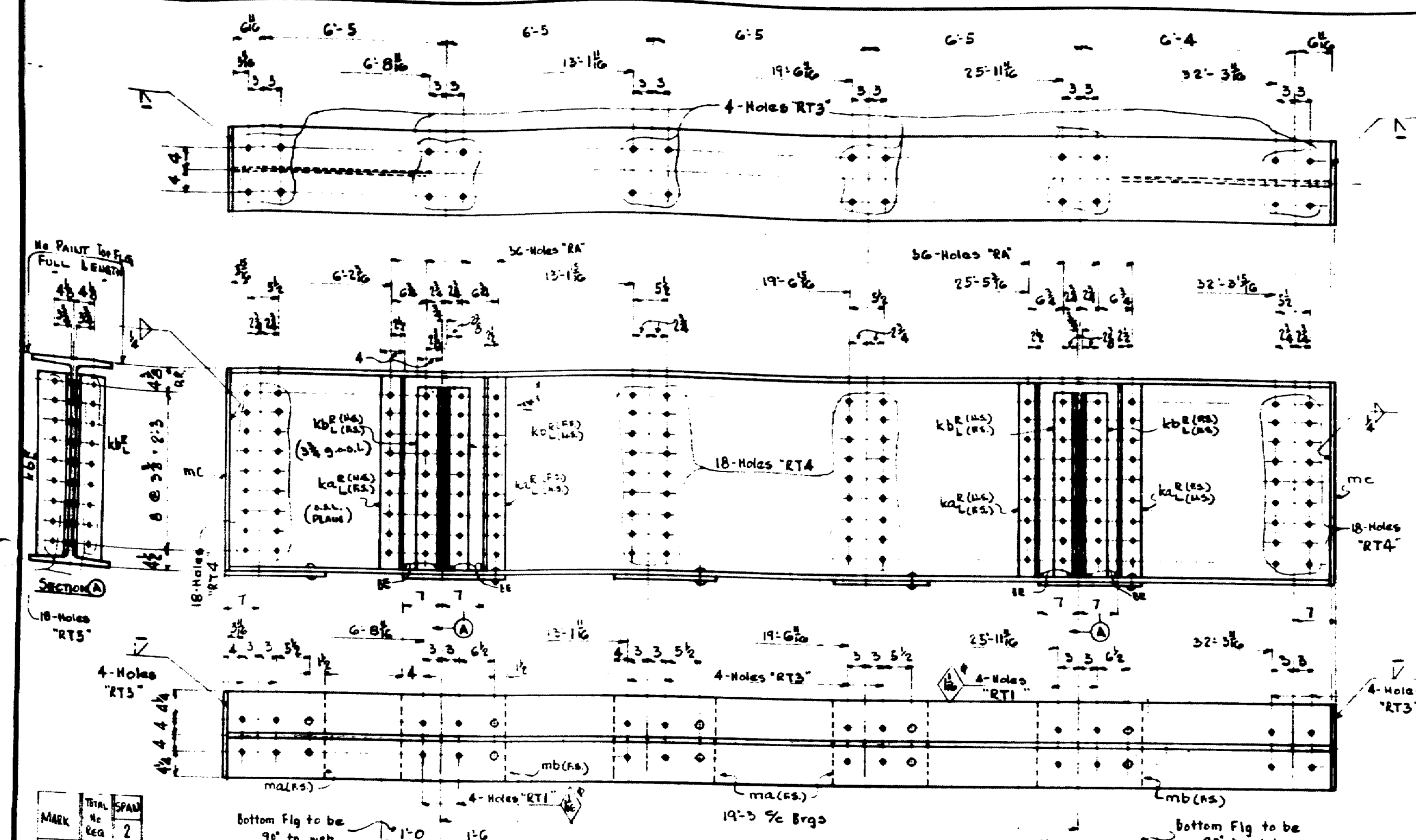
° DETAILS °

TEMP.  
 W. BY  
 LAYOUT  
 FITTER  
 SHOP DESK.  
 P. BY  
 D. SMITH  
 DESK.  
 DESK.  
 C. DESK.

MAINE STATE HIGHWAY COMMISSION  
 STILLWATER BRIDGE #2 - PENOBSCOT CO. - OLD TOWN, ME.  
 CUST: STATE HIGHWAY COMMISSION - AUGUSTA, ME.  
**BETHLEHEM STEEL COMPANY**  
 FABRICATED STEEL CONSTRUCTION  
 BETHLEHEM DRAFTING ROOM BETH WORKS  
 IN CHARGE HOOPER MADE BY SM 6-11-51  
 CHECKED BY JND 7345 TRACED BY \_\_\_\_\_  
 REVISED \_\_\_\_\_ LATEST ASSEMB. DSK.

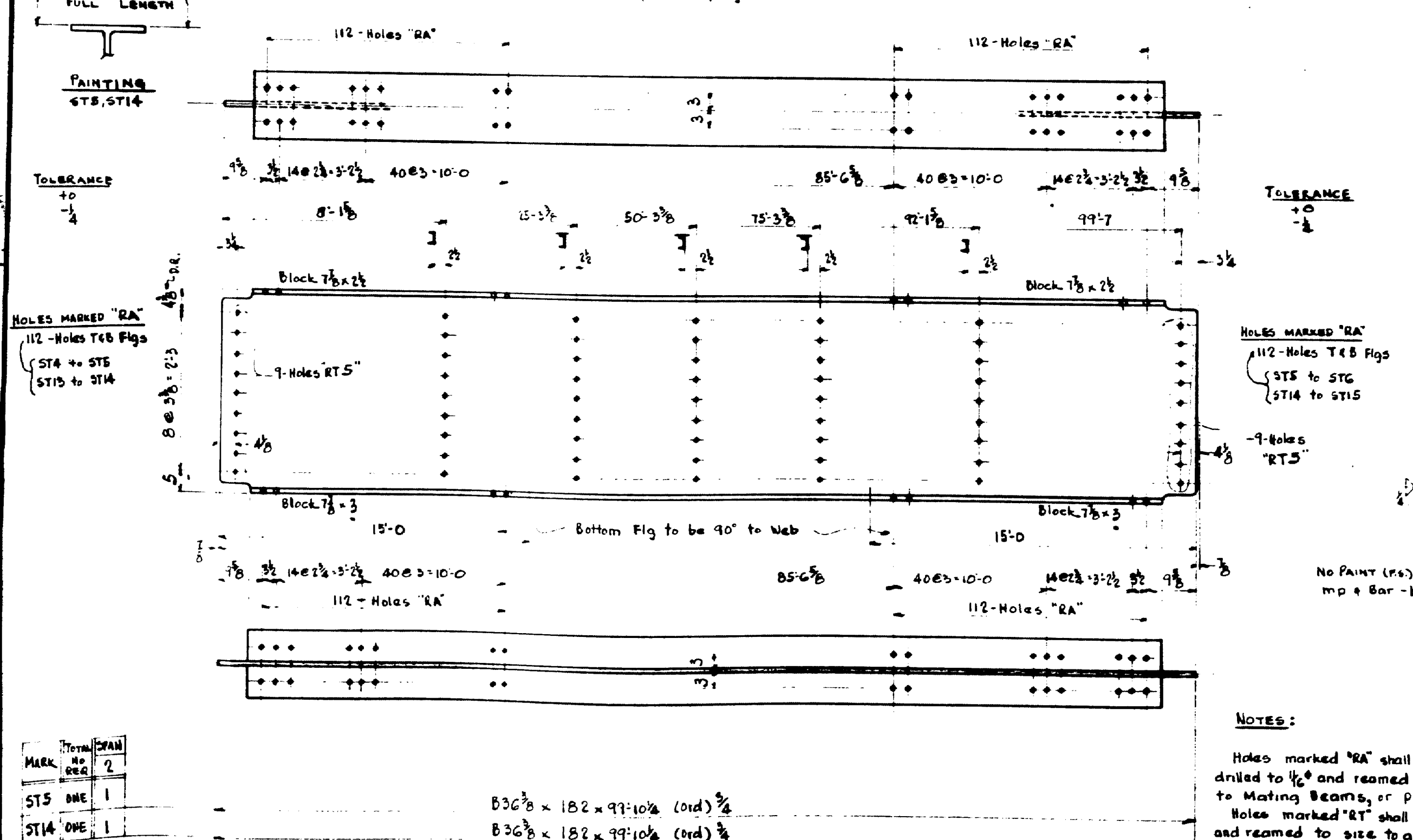
SHOP NO.            CONTRACT CP2398-B SHEET 4

RIVETS  $\frac{1}{8}^{\phi}$   
OPEN HOLES  $\frac{1}{16}^{\phi}$  Unless Noted  
REAM As Noted  
MILLING None  
PAINT one coat Red Lead (As per Specs)  
EXCEPT As Noted  
WELDING As Noted  
SHOP CONTACT SURFACES No Paint



MARK	TOTAL No REQ	SPAN
B1	ONE	1
B2	ONE	1

= ALIKE  
 $B35 \frac{5}{8} \times 230 \times 33 \frac{1}{8}$  (Ord 33-3/2) Cut  $\frac{5}{8}$  (EXACT)  
 $B35 \frac{5}{8} \times 230 \times 33 \frac{1}{8}$  (Ord 33-3/2) Cut  $\frac{1}{2}$  (EXACT)  
 $10 \times 4 \times 16$  mb (Ord 16-6) Cut  $\frac{5}{8}$   
 $10 \times 4 \times 15$  ma  
 11' of Green sand  
 4-15 16' (10M)  $\times 16 \times 2$  11' 10" mc (Ord 12-6) Cut  $\frac{5}{8}$   
 21' 4" of L. Filler wald  
 32-21.75  $\times 4 \times 2 \frac{1}{2}$  Lg.  
 16-5' 11" ff G  $\times 4 \times 2 \frac{1}{2} \times 2$  9' 8" MIE ka<sup>8</sup> (Ord 23-0)  
 16-5' 11" D G  $\times 4 \times 2 \frac{1}{2} \times 2$  8' 8" MIE kb<sup>8</sup> cut  $\frac{5}{8}$



MARK	TOTAL NO REQ	TAN
ST5	ONE	1
ST14	ONE	1

$$\begin{aligned} B36^{\frac{3}{8}} \times 182 \times 99-10\frac{1}{4} \text{ (Ord)} \frac{3}{4} \\ B36^{\frac{3}{8}} \times 182 \times 99-10\frac{1}{4} \text{ (Ord)} \frac{3}{4} \end{aligned}$$

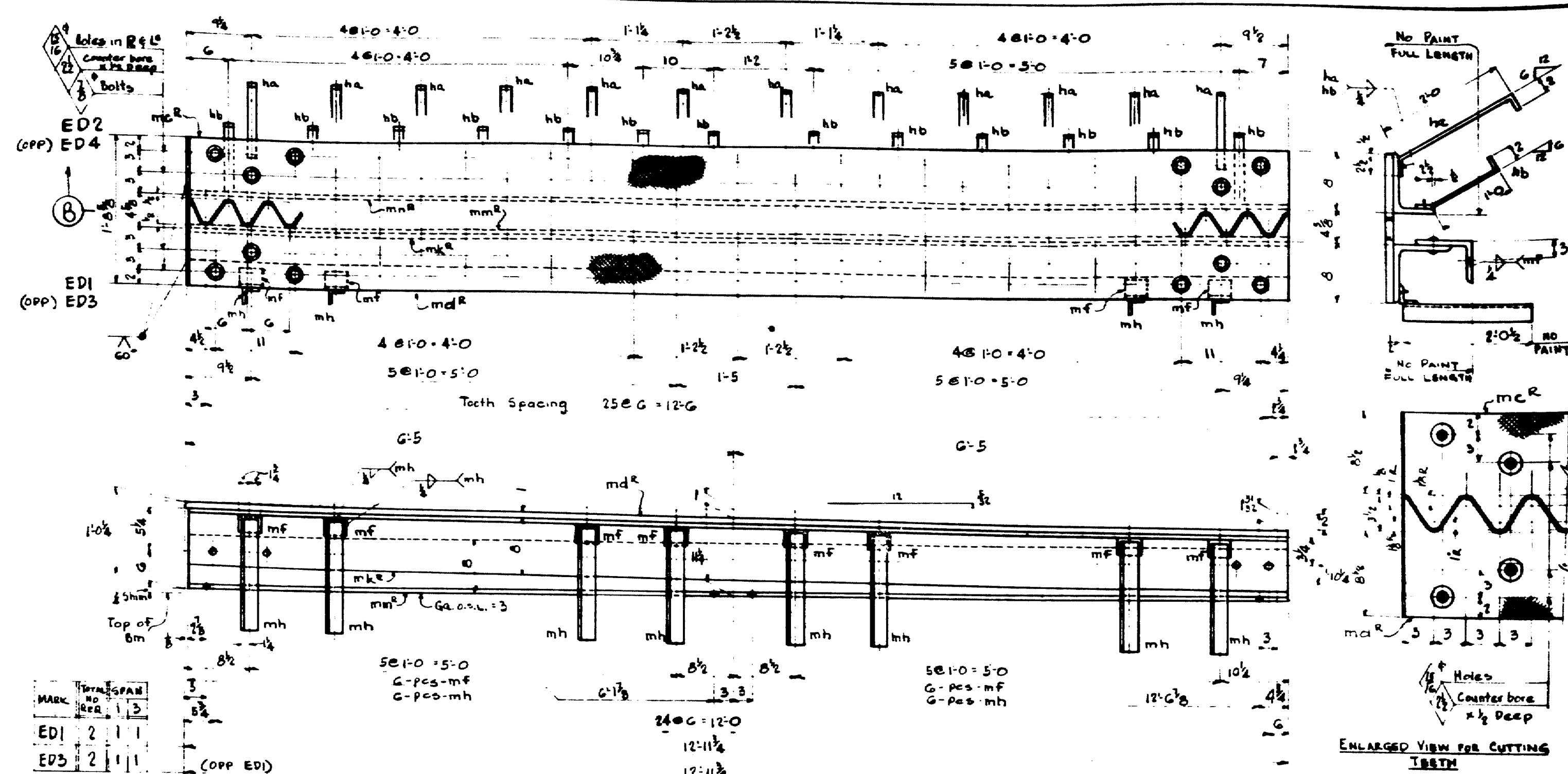
NOTES :

Holes marked "RA" shall be sub-punched or sub-drilled to  $\frac{1}{16}$ " and reamed to size while assembled to Mating Beams, or pieces.

Holes marked "RT" shall be sub-punched or sub-drilled to  $\frac{1}{16}$ " and reamed to size to a metal template.

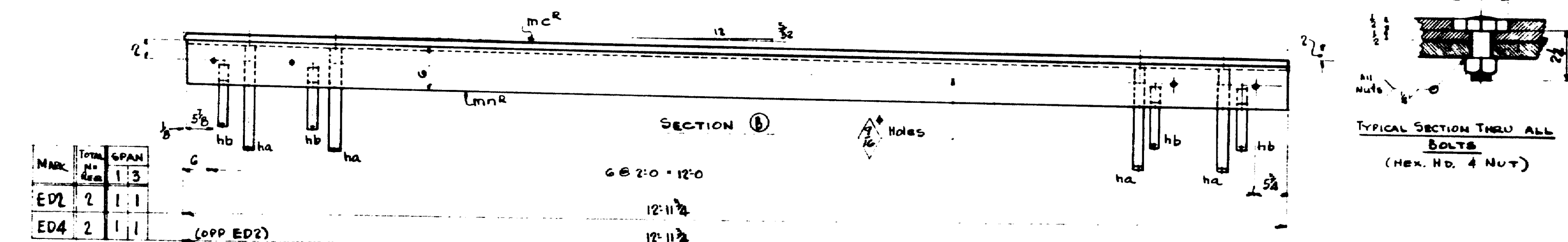
See SH "RT1"

For General Notes & Welding specs see E1



MARK	TOTAL SPAN		
	NO	REQ	
ED1	2	1	1
ED3	2	1	1

(OPP ED)



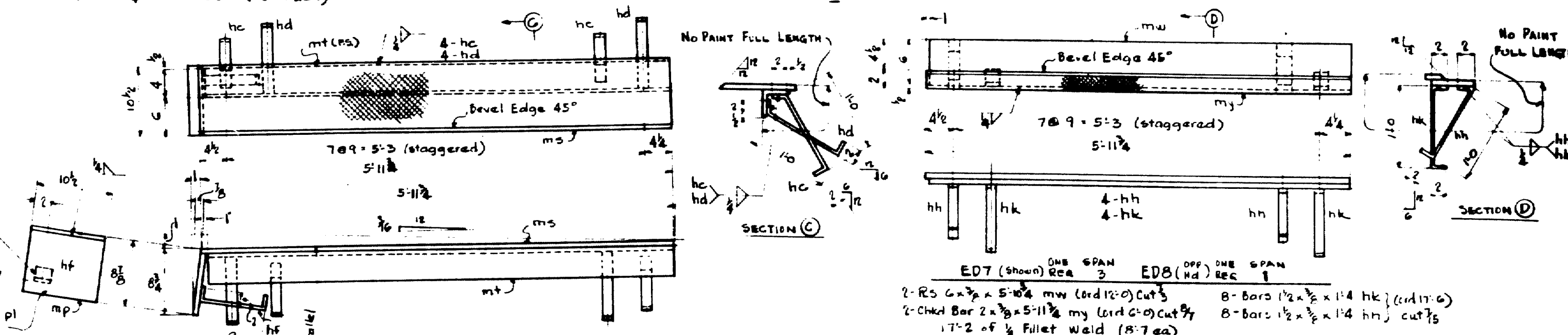
MARK	TOTAL N = REES	SPAN	
		1	3
ED2	2	1	1
ED4	2	1	1

EDI

EDI E03 (OPP EDI)

4 - Chkd. ES 12 x 12 x 11 1/2 in. md R (ord 20 1/2 x 15 1/2) cut 3/8 4 - B 8 x 8 x 1/2 in. 12-11 1/2 mm R (ord 26 1/2) cut 3/8  
4 - B 8 x 8 x 1/2 in. 12-11 1/2 mm R (ord 26 1/2) cut 3/8 48 - B 7 1/2 x 3 1/2 x 1/2 in. 2-0 1/2 m h (ord 33 1/2) cut 3/8  
100 - bolts (ord 64 1/2 on SW 2) DO NOT DUPLICATE 48 - B 7 1/2 x 3 1/2 x 1/2 in. 2-0 1/2 m f (ord 18 1/2) cut 3/8  
88 - 1/4" Fillet Weld (22-0 each)

4- Child Rod 12 x 12-11/8 m/c (ord 26 1/2 x 1 x 15-1) cut 1/2  
4- 12 x 6 x 1/2 x 12-11/8 m/n (ord 26-1/2) cut 3/4  
100- Bolts (ord c Detail on 3M) Do Not DUPLICATE  
48- Bars 2 x 1/2 x 2-1/2 ha (ord 26-0) cut 1/2  
52- Bars 2 x 1/2 x 1-1/2 hb (ord 19-0) cut 1/2  
79- c f 1/2 Fillet Weld (19-11 ea)



ED5 (SHOWN) <sup>ONE SPAN</sup> RECD 3      ED6 (OPP ONE <sup>SPAN</sup> RECD) 1

2-Chkd R/s  $10\frac{1}{2} \times \frac{3}{8} \times 5 = 11\frac{1}{4}$  ms (Ord 6:0) Cut  $\frac{3}{8}$   
 2-10  $4 \times 4 \times \frac{1}{2} \times 5 = 10\frac{1}{4}$  mt (Ord 6:1) Cut  $\frac{3}{8}$  2-R  $10\frac{1}{2} \times \frac{3}{8} \times 0 = 0\frac{1}{2}$  mp  
 8-Bars  $1\frac{1}{2} \times \frac{3}{8} \times 1 = 1$  hc (Ord 17:6) Cut  $\frac{3}{8}$   
 8-Bars  $1\frac{1}{2} \times \frac{3}{8} \times 1 = 1$  hd Cut  $\frac{3}{8}$  3:4 of  $\frac{1}{4}$  Fillet Weld (15-8 ea)

BOLTS } 7<sup>+</sup>  
RIVETS } 8

OPEN HOLES 1/8<sup>+</sup> Unless Noted

REAM As Noted

MILLING As Noted

PAINT One coat Red Lead (As per  
Except as Noted

WELDING As Noted

SHOP CONTACT SURFACES No Pa

TEMP.	MAINE STATE HIGHWAY COMMISSION
DATE	STILLWATER BRIDGE 2 - PENCOSBOT CO. - OLD TOWN, ME.
LAYOUT	CUST: STATE HIGHWAY COMMISSION - AUGUSTA, ME.
FITTERS	<b>BETHELEM STEEL COMPANY</b>
SHOP REP.	FABRICATED STEEL CONSTRUCTION
W. SMITH	BETHELEM DRAFTING ROOM BETH WORKS
WELDER	IN CHARGE <u>HOOPER</u> MADE BY <u>SM</u> 6-13-61
DRY.	CHECKED BY <u>JOE</u> 5/29/61 TRACED BY _____
SHED.	REMOVED _____ LAST ASSEMB. NO. _____
SHED.	



**BETHLEHEM STEEL COMPANY**  
FABRICATED STEEL CONSTRUCTION  
BETH. DRAFTING ROOM BETH. WORKS  
BILL OF MISCELLANEOUS MATERIAL

QTY	DESCRIPTION	UNIT	REMARKS
24	STD. LOMAS NUTS (AS PER SKETCH ABOVE)	P1	BF4448
8	STD. LOMAS NUTS (AS PER SKETCH ABOVE)	P3	

MATERIAL: CAST STEEL  
SPECIFICATION: A.S.T.M. A27-46T GRADE 70-30  
FINISH: NO PAINT, THDS. TO BE OILED  
SHIP TO: B.S. CO., F.S. C., SAUCON, PA.

REMARKS: LOMAS NUTS PLUGGED WITH PINS PP2 & P3 used with PPI, detailed on sht. #1  
CONTRACT: CP2398-B  
DATE: 4/15/51  
BY: J. H. HOOVER

QTY	DESCRIPTION	UNIT	REMARKS
24	STD. LOMAS NUTS (AS PER SKETCH ABOVE)	P1	BF4448
8	STD. LOMAS NUTS (AS PER SKETCH ABOVE)	P3	

**BETHLEHEM STEEL COMPANY**  
FABRICATED STEEL CONSTRUCTION  
BETH. DRAFTING ROOM BETH. WORKS  
SUMMARY OF FIELD RIVETS AND BOLTS

QTY	DESCRIPTION	UNIT	REMARKS
220	(208-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	SF4512
315	(300-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
510	(404-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
665	(644-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
160	(144-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
580	(528-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
160	(144-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
30	(27-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
130	(117-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
100	(90-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
TOTAL	NO. FURNISHED = 6187 TOTAL NO. REQ. = 6146 EXCESS = 64	10.4 1/2"	

QTY	DESCRIPTION	UNIT	REMARKS
220	(208-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	SF4512
315	(300-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
510	(404-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
665	(644-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
160	(144-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
580	(528-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
160	(144-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
30	(27-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
130	(117-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
100	(90-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
TOTAL	NO. FURNISHED = 6187 TOTAL NO. REQ. = 6146 EXCESS = 64	10.4 1/2"	

**BETHLEHEM STEEL COMPANY**  
FABRICATED STEEL CONSTRUCTION  
BETH. DRAFTING ROOM BETH. WORKS  
SUMMARY OF FIELD RIVETS AND BOLTS

QTY	DESCRIPTION	UNIT	REMARKS
27	(24-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	SF4512
355	(320-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
445	(400-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
705	(640-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
355	(320-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
290	(260-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
575	(520-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
520	(480-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
565	(520-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
440	(400-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	

QTY	DESCRIPTION	UNIT	REMARKS
27	(24-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	SF4512
355	(320-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
445	(400-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	
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440	(400-Net) SPURCE RT. T & B FLG. B357 1/2" x 150"	A 1/2" 4 1/2"	

**BETHLEHEM STEEL COMPANY**  
FABRICATED STEEL CONSTRUCTION  
BETH. DRAFTING ROOM BETH. WORKS  
SUMMARY OF FIELD RIVETS AND BOLTS

QTY	DESCRIPTION	UNIT	REMARKS
26	(24-Net) ASSEMBLE WITH MACHINE 2. MPE DETAIL ON SHT #1	E SQ 6 1/2" STD. 52 HEX SPACER	
5	(4-Net) ASSEMBLE WITH MACHINE 2. MPE DETAIL ON SHT #1	E SQ 8 1/2" STD. 10 HEX SPACER	

QTY	DESCRIPTION	UNIT	REMARKS
26	(24-Net) ASSEMBLE WITH MACHINE 2. MPE DETAIL ON SHT #1	E SQ 6 1/2" STD. 52 HEX SPACER	
5	(4-Net) ASSEMBLE WITH MACHINE 2. MPE DETAIL ON SHT #1	E SQ 8 1/2" STD. 10 HEX SPACER	



BETHLEHEM STEEL COMPANY  
FABRICATED FROM CONSTRUCTION

DETH DRAFTING ROOM BETH WORKS

CUSTOMER STATE HIGHWAY COMMISSION - STATE HOUSE - AUGUSTA, MAINE

STRUCTURE STILLWATER BRIDGE No. 2 PENOBSCOT COUNTY - OLD TOWN, MAINE

NO PAINT  
PLAIN - NO PUNCHING

MARK	No REQ.
P1	G
P2	12
P3	G

BP 10 x 42 x 18'-0 (ord)  $\frac{1}{6}$

BP 10 x 42 x 15'-0 (ord)  $\frac{1}{6}$

BP 10 x 42 x 12'-0 (ord)  $\frac{1}{6}$

PILES

Holas

5½ 5½

5½ 5½

5 2½ 3 3 3 3

NO PAINT

MARK	No REQ.
PCI	74

[illegible][illegible]



BE YLHEM STEEL COMPANY  
FABRICATED STEEL CONSTRUCTION  
BETH DRAFTING ROOM BETH WORKS  
BILL OF MISCELLANEOUS MATERIAL

NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
24	STD LOMAS NUTS (As per sketch above)	PI	SPASH	

MATERIAL: CAST STEEL  
SPECIFICATION: A.S.T.M. A27-4GT GRADE 70-36  
FINISH: NO PAINT, THDS. TO BE OILED  
SHIP TO: B.S.CO. F.S.C. SAUCON, PA  
REMARKS: LOMAS NUTS TO BE USED WITH PINS PPS DETAILED ON SHY. 6

BE YLHEM STEEL COMPANY  
FABRICATED STEEL CONSTRUCTION  
BETH DRAFTING ROOM BETH WORKS  
BILL OF MISCELLANEOUS MATERIAL

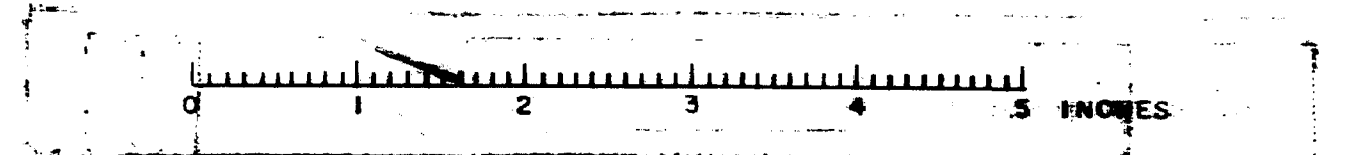
NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
15	(12-Net) FLAT WASHERS 3x4 x 0.5 $\frac{1}{2}$ with 1 $\frac{1}{8}$ " Hole (As per sketch) (Used at Exp Abut with AB3)	W3		RES.
15	(12-Net) FLAT WASHERS 2 $\frac{3}{4}$ x 3 $\frac{1}{2}$ with 1 $\frac{1}{8}$ " Hole (Used at Fixed Abut with AB4)	W1		
52	(48-Net) BEVEL WASHERS 2 x 2 x 3 $\frac{1}{8}$ " Thick with 1 $\frac{1}{8}$ " Hole BW15 (Used with Turned Bolts at Abutments)			

MATERIAL: CAST STEEL  
SPECIFICATION: A.S.T.M. A27-4GT GRADE 70-36  
FINISH: NO PAINT, THDS. TO BE OILED  
SHIP TO: B.S.CO. F.S.C. SAUCON, PA  
REMARKS: LOMAS NUTS TO BE USED WITH PINS PPS DETAILED ON SHY. 6

BE YLHEM STEEL COMPANY  
FABRICATED STEEL CONSTRUCTION  
BETH DRAFTING ROOM BETH WORKS  
BILL OF MISCELLANEOUS MATERIAL

NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
50	(48-Net) TURNED BOLTS 1 $\frac{1}{2}$ " x 5 L9 (As per sketch above) (Used to fasten sole pto to beam flanges)	TB3	SPASH	

MATERIAL: CAST STEEL  
SPECIFICATION: A.S.T.M. A27-4GT GRADE 70-36  
FINISH: NO PAINT, THDS. TO BE OILED  
SHIP TO: B.S.CO. F.S.C. SAUCON, PA  
REMARKS: LOMAS NUTS TO BE USED WITH PINS PPS DETAILED ON SHY. 6



FROM PRINT ON THIS LINE

