

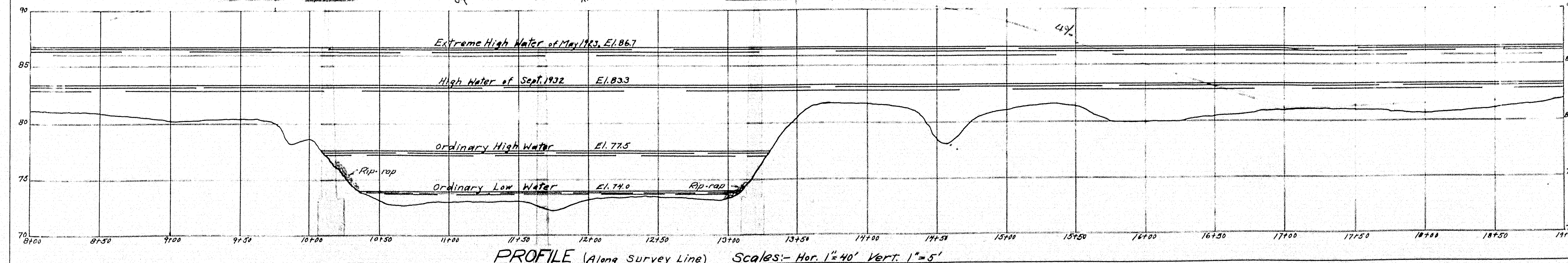




Surveyed by Beckman  
Plotted & Traced by W.G. Pratt



**NOTES**  
EXISTING SUPERSTRUCTURE: Two spans, 1st span 110 ft. long, 2nd span 110 ft. long, built by Berlin Iron Works of East Berlin, Conn. in 1900. Trusses are skewed slightly to fit masonry substructure of former bridge. Steel painted in 1932 and in fair condition but details and shakes a bit. 12" longitudinal and 3" transverse plank with 3" x 12" timber stringers @ 18" centers in 1st span. Condition. EXISTING SUBSTRUCTURE: Abut #1 of large, roughly split stone, fairly fairly laid dry rest on upon timber grillage, top of which is at Elev. 74. Field stone for first span over grillage. Upstream corner of Abut #1 is dangerously undermined, vertical joints exposed at bottom and 6" at top of face. Pier is of large, roughly split stone, fairly laid dry and though at rough appearance, is quite substantial. Abut #2 of large, fairly split granite fairly laid in masonry. Condition except for stones at bottom of upstream corner and upstream wing face but is fair. Vertical joints in face have separated about 1/4". RIVER: Swift currents. Low stage of about Elev. 74. Ordinary high water at Elev. 75. High water of Sept. 1932 reported at Elev. 83.1 and checked by driftage high water at Elev. 79.1 reported at Elev. 85.2 and extreme high water of May 1933 reported at Elev. 86. FOUNDATION: Course gravel over firm clay. Sounding at Sta. 17+24 penetrated to Elev. 82.1 with hard driving and withdrawn red showed sand and clay of medium to soft consistency. Sounding at Sta. 13+10 penetrated to Elev. 81.1 with hard driving and withdrawn red showed bare rock at Elev. 80. APPROACHES: of improved gravel.

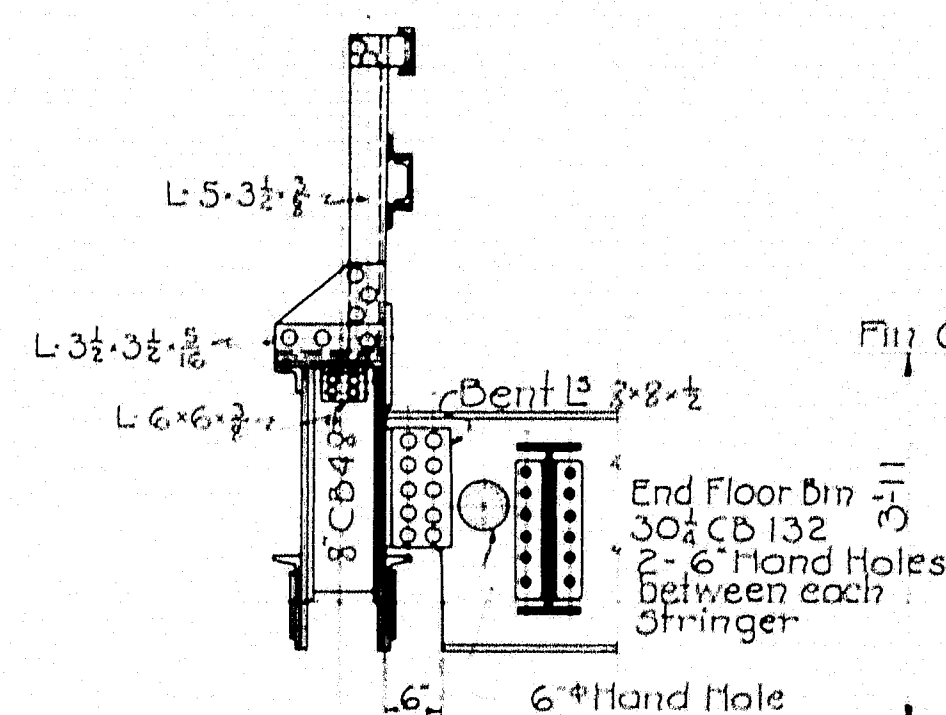
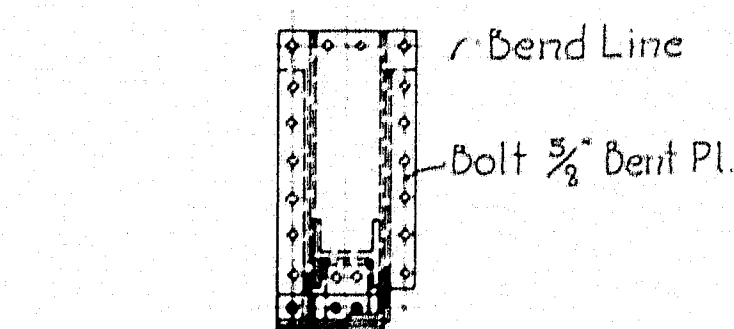
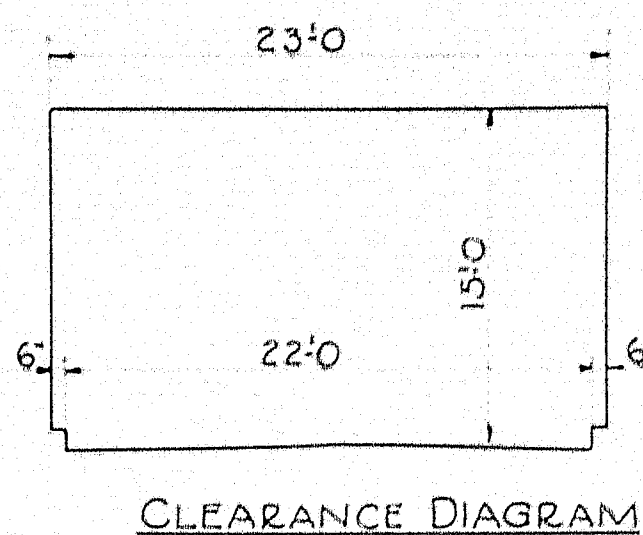


TOWN 11-16  
BRIDGE 3244  
STATE HIGHWAY COMMISSION  
BRIDGE DIVISION  
**PLEASANT RIVER BRIDGE**  
OVER  
**PLEASANT RIVER**  
IN THE TOWN OF  
**MILO, PISCATAQUIS CO.,**  
SURVEY PLAN  
SHEET 2 of 1 AUGUSTA, MAINE JULY, 1933

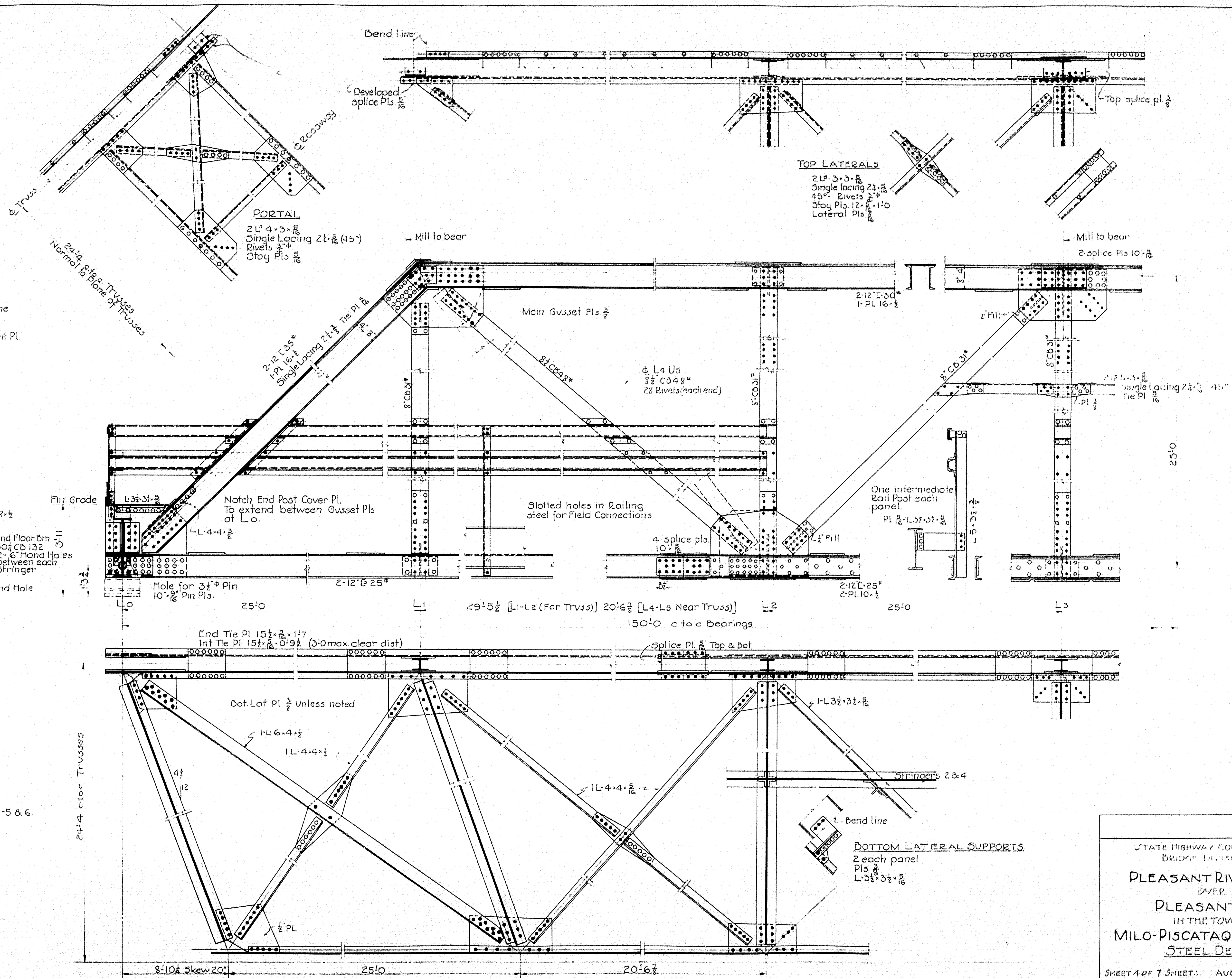
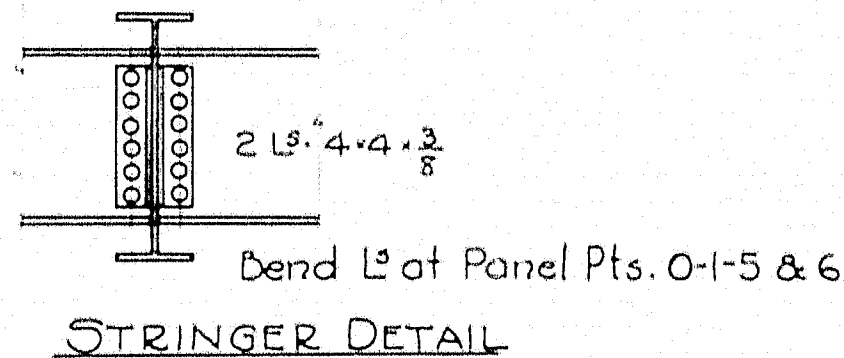








Use turned bolts to connect acute L of floor beam to truss or approved Rivet Bolts.



Drawn by E.B.  
Traced by L.B.  
Checked by FAY, S.P., R.P., & T.H.

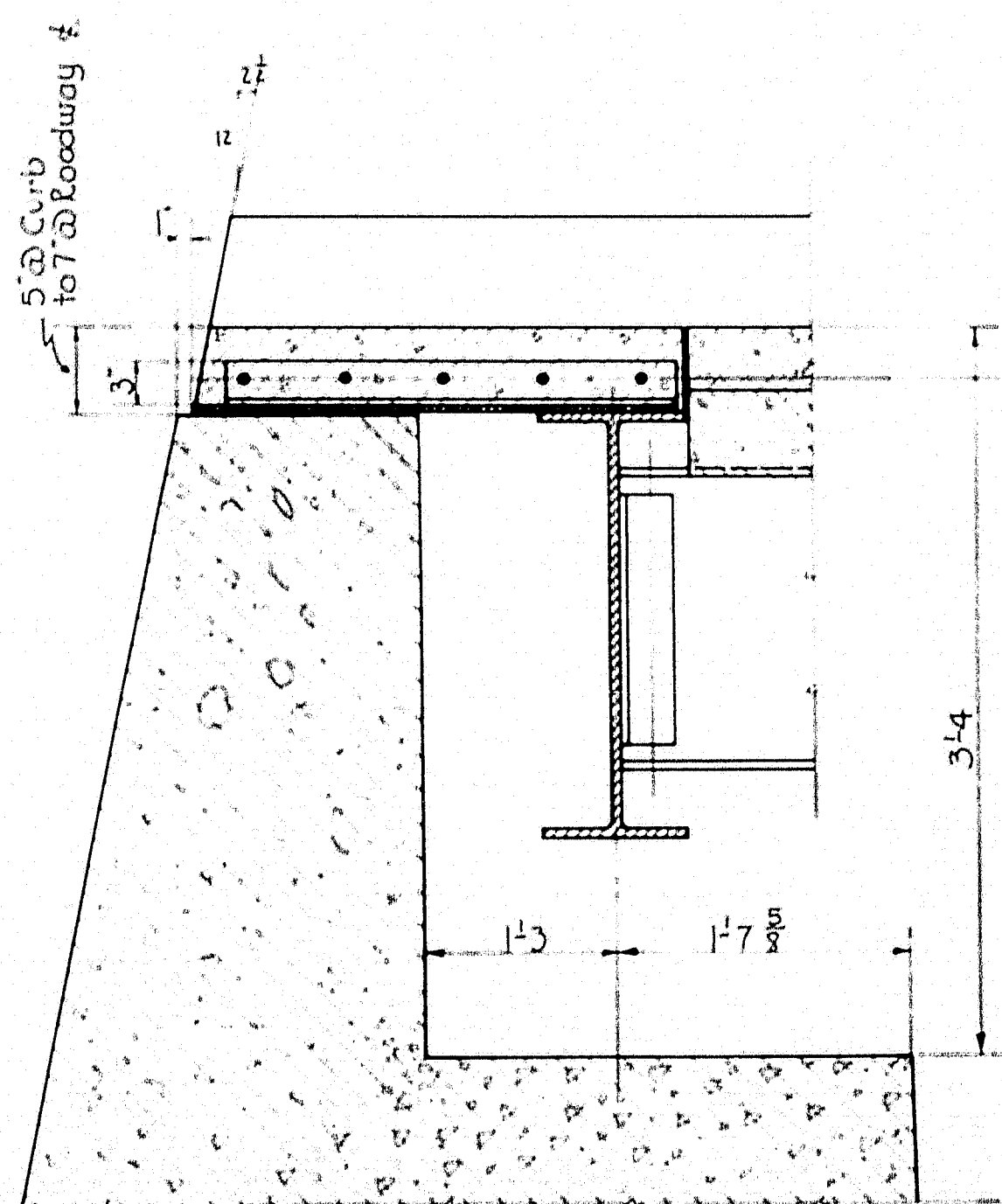
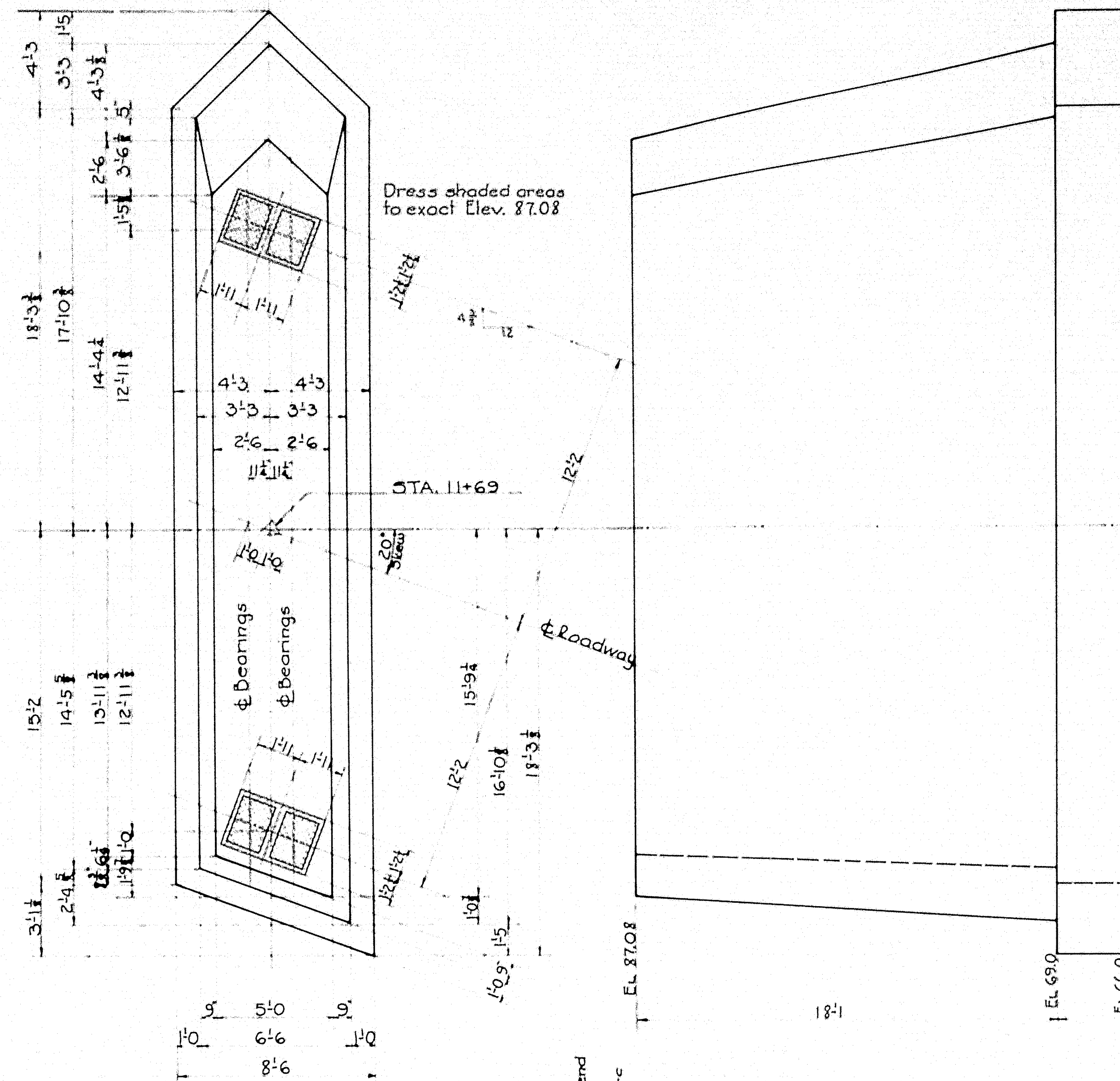
Drawn by E.B.	Traced by L.B.	Checked by FAY, S.P., R.P., & T.H.
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
PLEASANT RIVER BRIDGE OVER PLEASANT RIVER IN THE TOWN OF MILO-PISCATAQUIS COUNTY STEEL DETAILS		
SHEET 4 OF 7 SHEETS AUGUSTA ME APRIL 1936		

27-6









STEEL SCHEDULE			
BAR	No.	SIZE	LENGTH
J11	39	2" $\phi$	8'-0"
J12	9	2" $\phi$	33'-8"

TOWN 1116  
BRIDGE 3244

STATE HIGHWAY COMMISSION  
BRIDGE DIVISION

PLEASANT RIVER BRIDGE  
OVER  
PLEASANT RIVER  
IN THE TOWN OF  
MILO- PISCATAQUIS COUNTY  
APRON PLATES & PIER

SHEET 6 OF 7 SHEETS AUGUSTA ME APRIL 1936







HARRIS STRUCTURAL STEEL COMPANY, INC., 419 FOURTH AVE., N.Y.  
 PRICE OVER ROSSMAN'S LIST 10% IF NOT SPECIFIED OTHERWISE  
 STRUCTURE FOR THE MAINE STATE HIGHWAY COMMISSION

REQ. MARK	NO.	SIZE	LENGTH	REMARKS	QTY.	WEIGHT
1" FIELD PLATE	1	12"	21'0"			156
1" FIELD PLATE	2	12"	21'0"			156
1" FIELD PLATE	3	12"	21'0"			156
1" FIELD PLATE	4	12"	21'0"			156
1" FIELD PLATE	5	12"	21'0"			156
1" FIELD PLATE	6	12"	21'0"			156
1" FIELD PLATE	7	12"	21'0"			156
1" FIELD PLATE	8	12"	21'0"			156
1" FIELD PLATE	9	12"	21'0"			156
1" FIELD PLATE	10	12"	21'0"			156
1" FIELD PLATE	11	12"	21'0"			156
1" FIELD PLATE	12	12"	21'0"			156
1" FIELD PLATE	13	12"	21'0"			156
1" FIELD PLATE	14	12"	21'0"			156
1" FIELD PLATE	15	12"	21'0"			156
1" FIELD PLATE	16	12"	21'0"			156
1" FIELD PLATE	17	12"	21'0"			156
1" FIELD PLATE	18	12"	21'0"			156
1" FIELD PLATE	19	12"	21'0"			156
1" FIELD PLATE	20	12"	21'0"			156
1" FIELD PLATE	21	12"	21'0"			156
1" FIELD PLATE	22	12"	21'0"			156
1" FIELD PLATE	23	12"	21'0"			156
1" FIELD PLATE	24	12"	21'0"			156
1" FIELD PLATE	25	12"	21'0"			156
1" FIELD PLATE	26	12"	21'0"			156
1" FIELD PLATE	27	12"	21'0"			156
1" FIELD PLATE	28	12"	21'0"			156
1" FIELD PLATE	29	12"	21'0"			156
1" FIELD PLATE	30	12"	21'0"			156
1" FIELD PLATE	31	12"	21'0"			156
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1" FIELD PLATE	66	12"	21'0"			156
1" FIELD PLATE	67	12"	21'0"			156
1" FIELD PLATE	68	12"	21'0"			156
1" FIELD PLATE	69	12"	21'0"			156
1" FIELD PLATE	70	12"	21'0"			156
1" FIELD PLATE	71	12"	21'0"			156
1" FIELD PLATE	72	12"	21'0"			156
1" FIELD PLATE	73	12"	21'0"			156
1" FIELD PLATE	74	12"	21'0"			156
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1" FIELD PLATE	95	12"	21'0"			156
1" FIELD PLATE	96	12"	21'0"			156
1" FIELD PLATE	97	12"	21'0"			156
1" FIELD PLATE	98	12"	21'0"			156
1" FIELD PLATE	99	12"	21'0"			156
1" FIELD PLATE	100	12"	21'0"			156

1" FIELD PLATE

2" FIELD PLATE

3" FIELD PLATE

4" FIELD PLATE

5" FIELD PLATE

6" FIELD PLATE (50 Hb) (No Hb's)

5 EXPANSION SHEETS FOR 1" FIELD PLATE

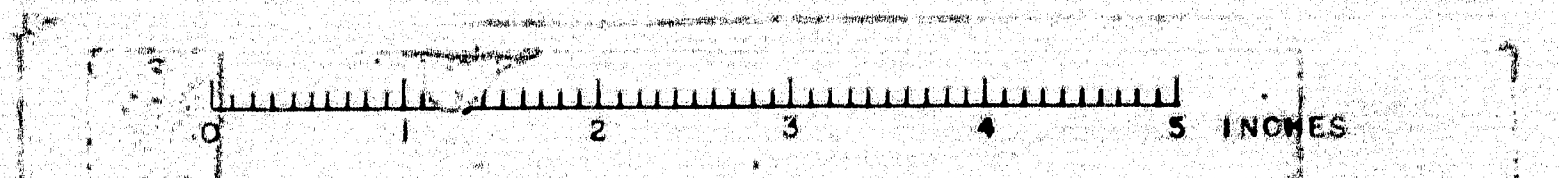
2" STEEL MACHINE SCREWS (USS)

ALL MATERIAL ON THIS SHEET  
 TO BE FURNISHED BY SHOP  
 AND SHIPPED TO FIELD  
 WITH MAIN STEEL

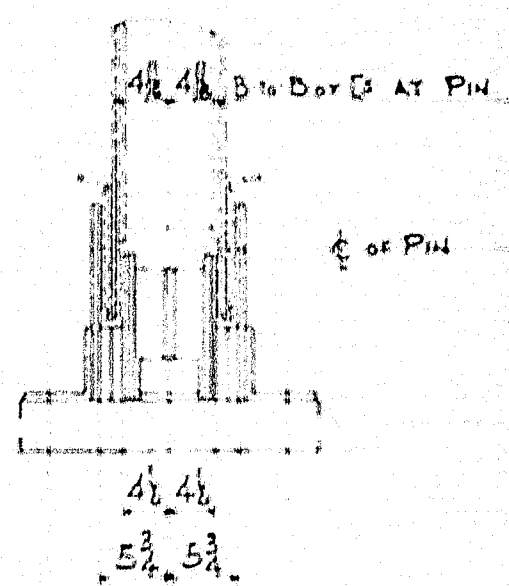
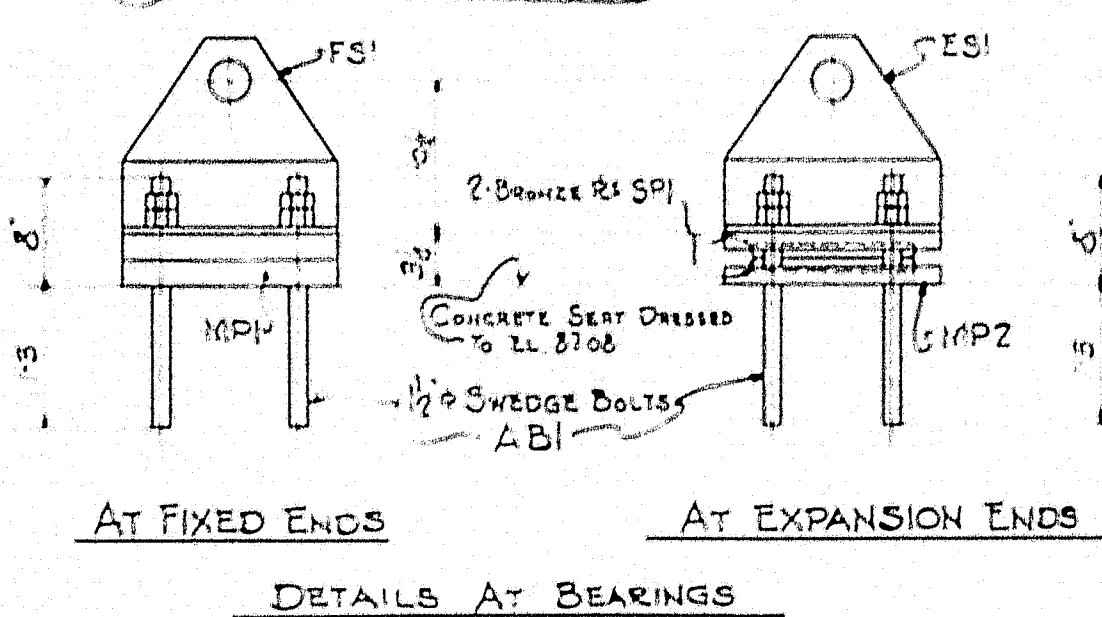
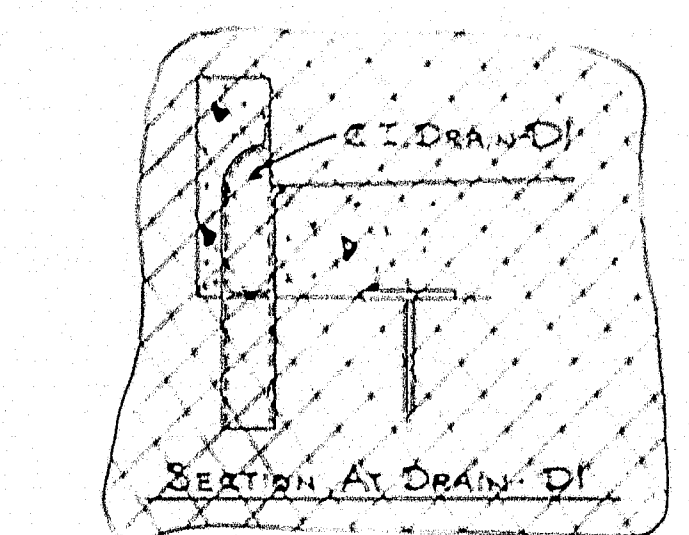
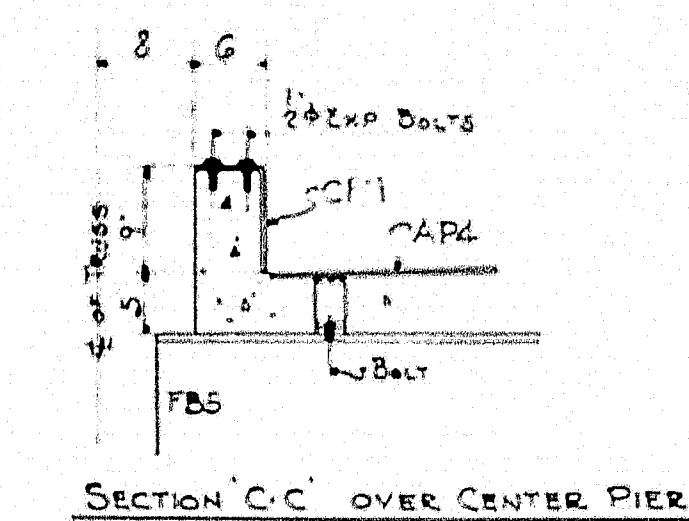
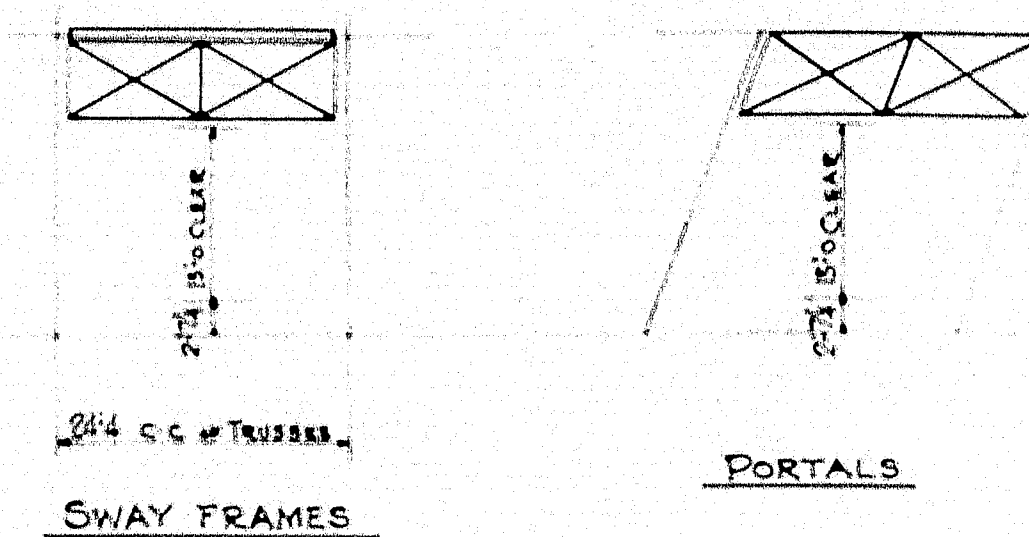
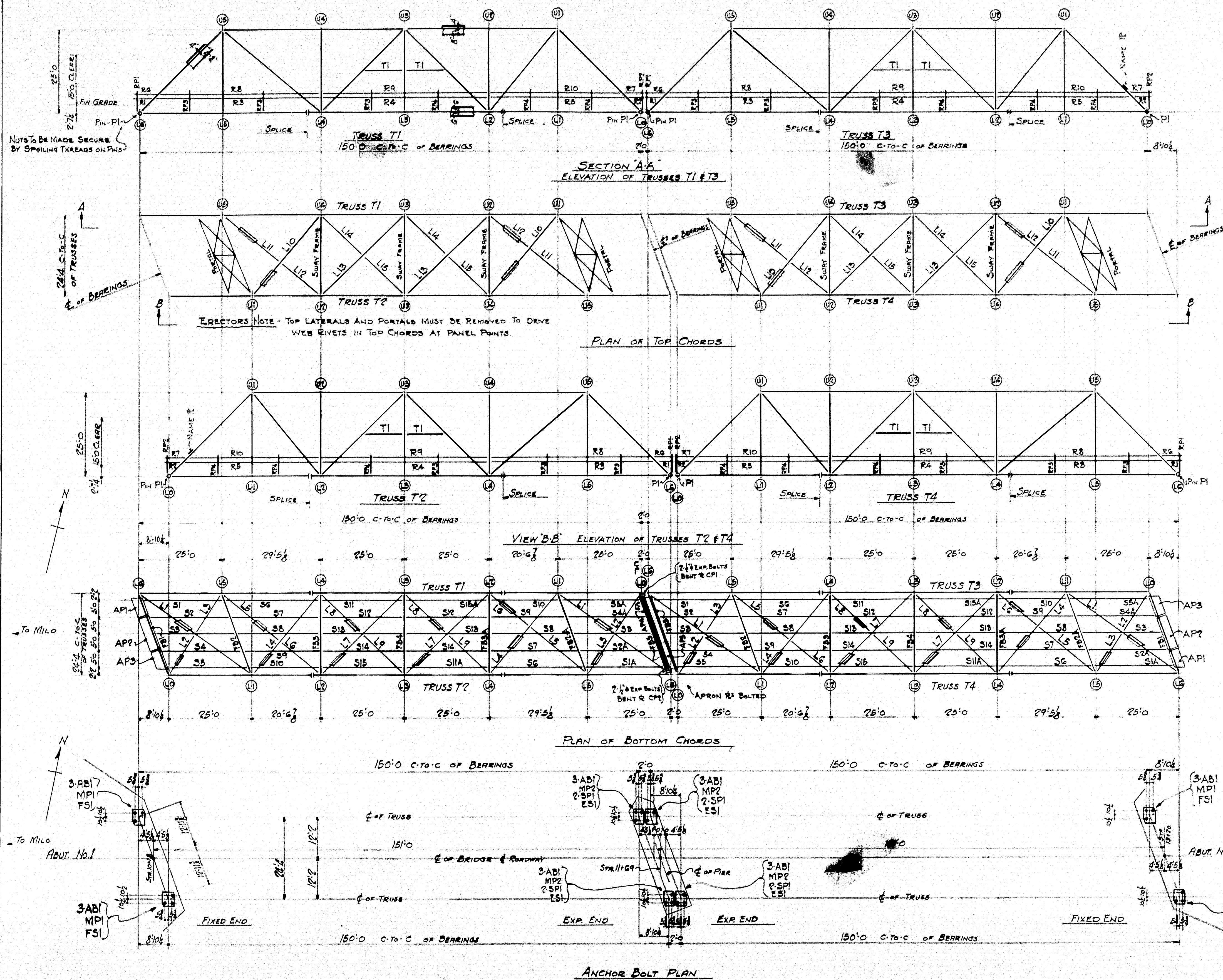
SPECIFICATIONS MAINE STATE HIGHWAY COMMISSION  
 STATE HIGHWAY BRIDGES 1930

DATE: \_\_\_\_\_ RIVETS: \_\_\_\_\_ DIAM: \_\_\_\_\_ OPEN HOLES: \_\_\_\_\_ PAINT: \_\_\_\_\_  
 UNLESS OTHERWISE NOTED

REVISIONS: \_\_\_\_\_ CONTRACT NO. C 975 SHEET NO. 500





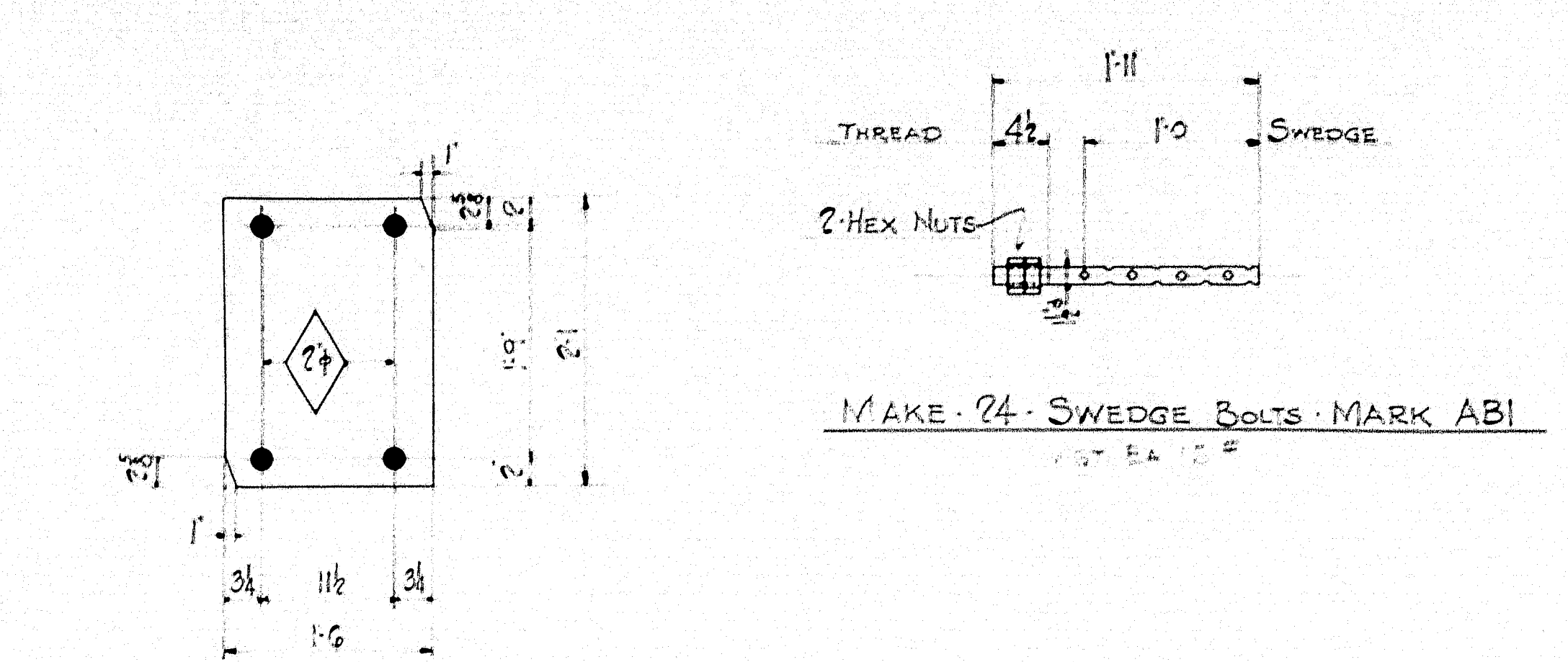


UPPER GUARD RAIL COMPOSED OF G C 82  
 LOWER GUARD RAIL TO HAVE LONGITUDINAL  
 ADJUSTMENT ONLY

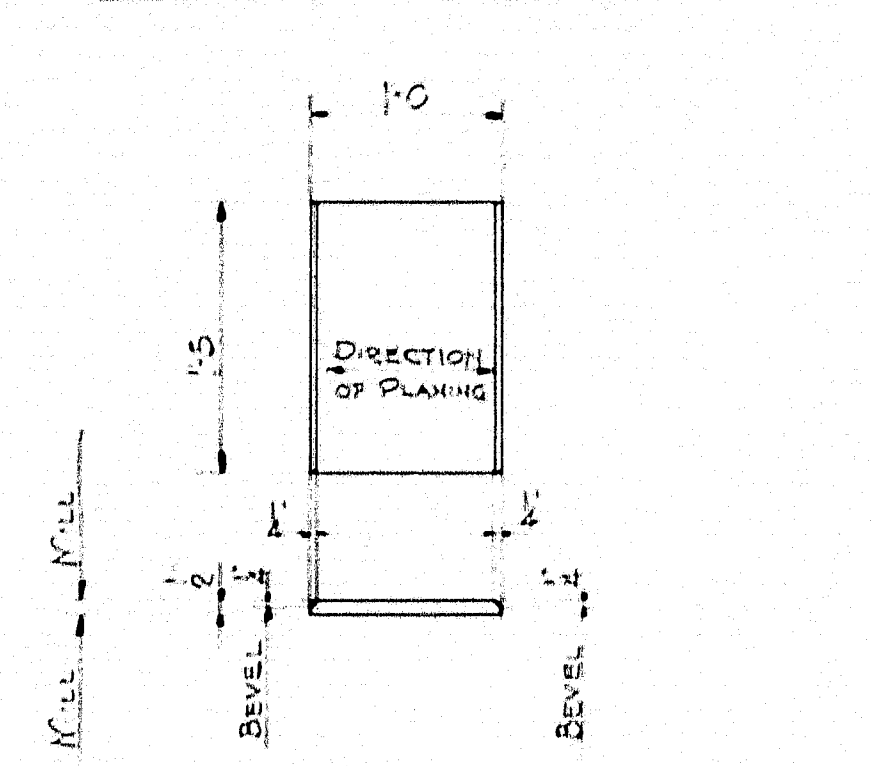
ERECTION DIAGRAM  
 PLEASANT RIVER BRIDGE  
 OVER PLEASANT RIVER IN THE TOWN  
 OF MILO - PISCATAQUIS CO., MAINE  
 FOR THE MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO. INC.  
 NEW YORK CITY AND NEW MARKET, N. J.  
 MADE BY AMH 8/14/36  
 ORDER NO. 5972 SHEET NO. EI

SPECIFICATIONS - MAINE STATE HIGHWAY COMMISSION  
 STEEL HIGHWAY BRIDGES - 1936

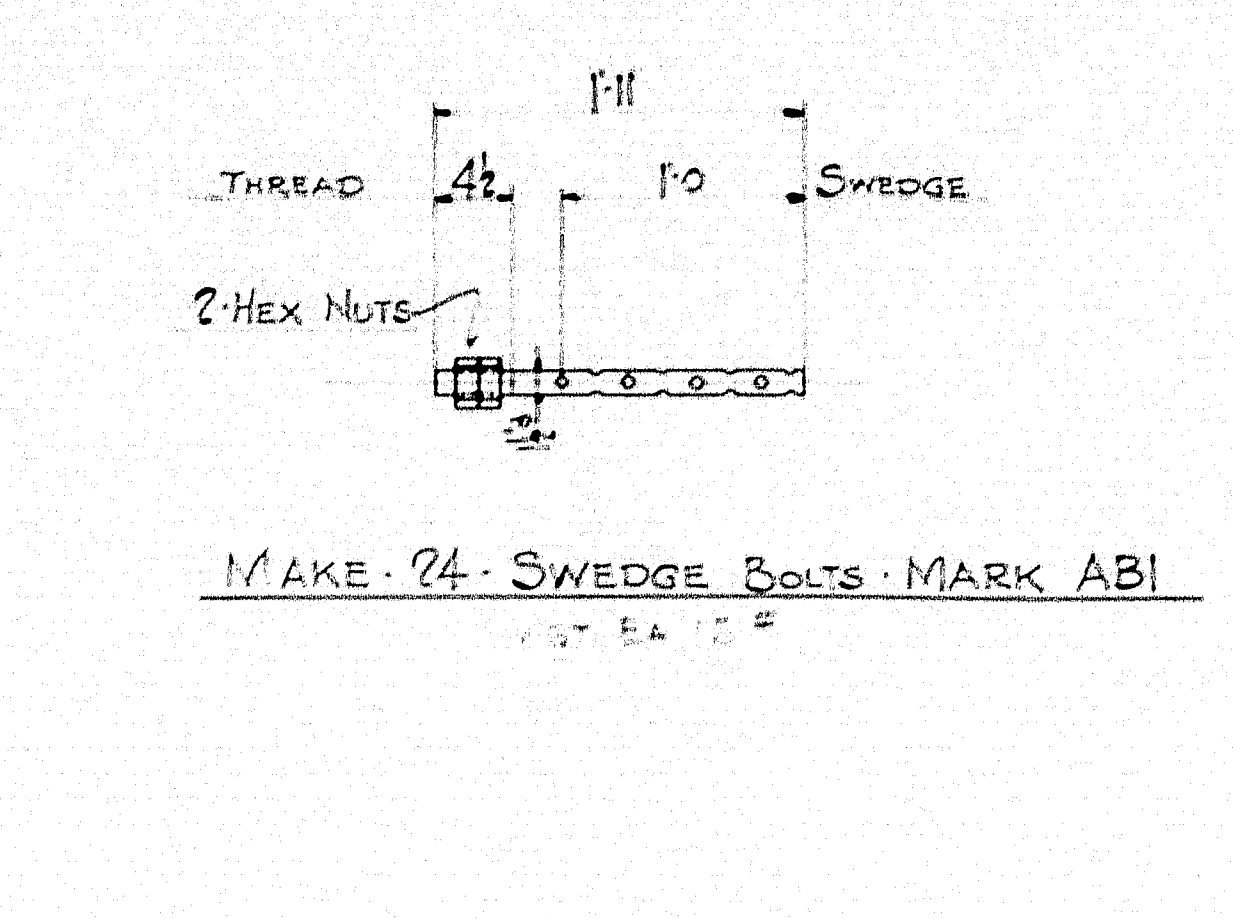




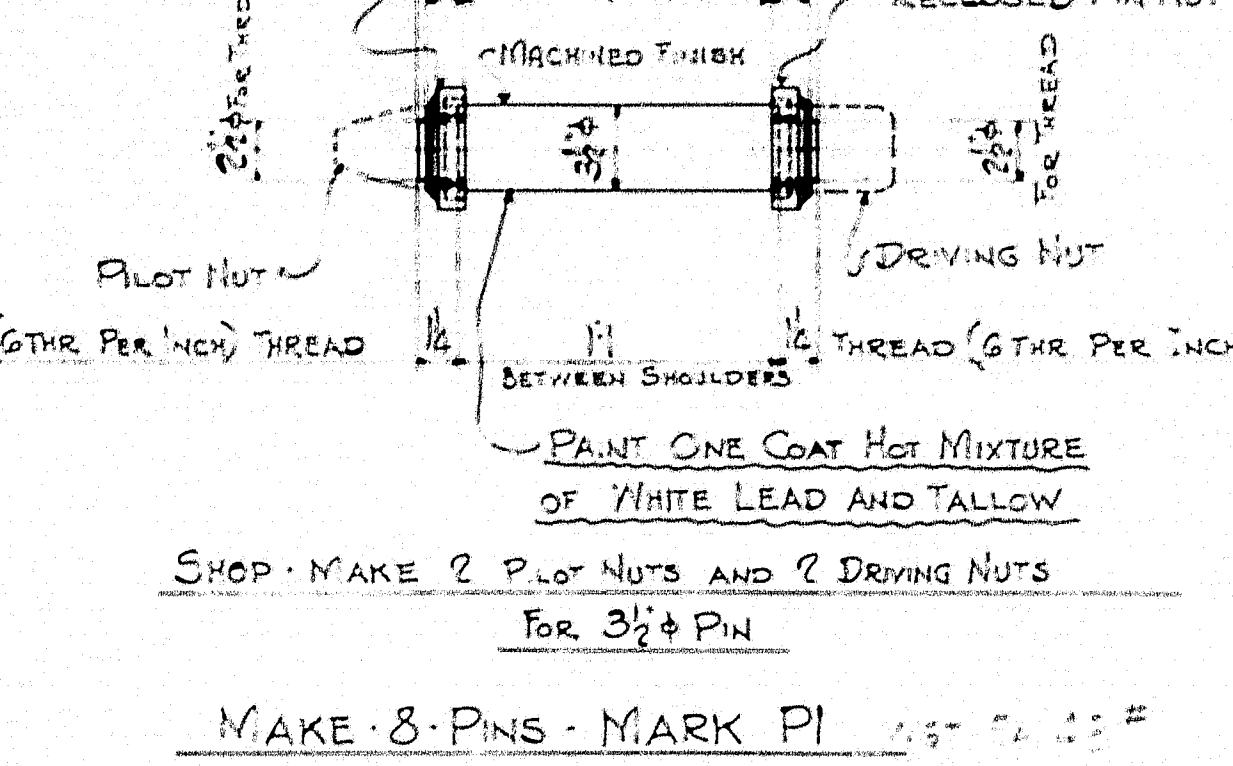
MAKE 24 SHEETS OF 123 DUCK  
SEND TO JOB ENOUGH RED LEAD TO  
COVER ONE SIDE OF EACH SHEET



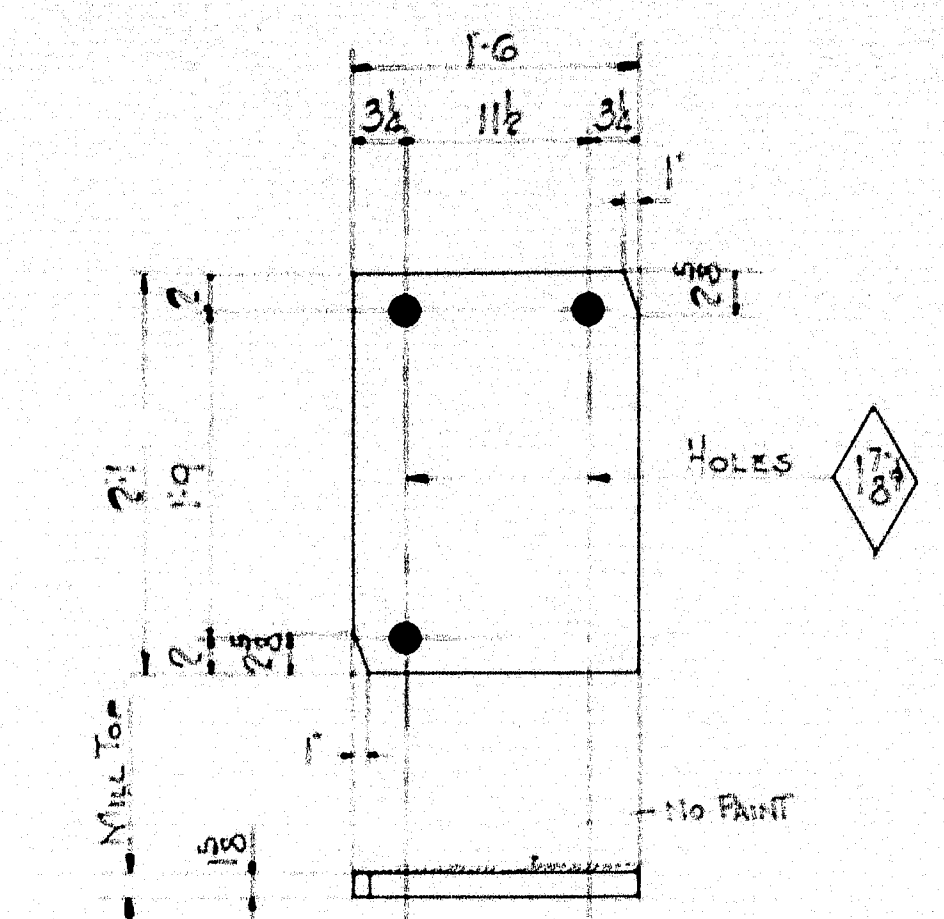
MAKE 8 PHOSPHOR BRONZE  
MARK SPI  
NO PAINT



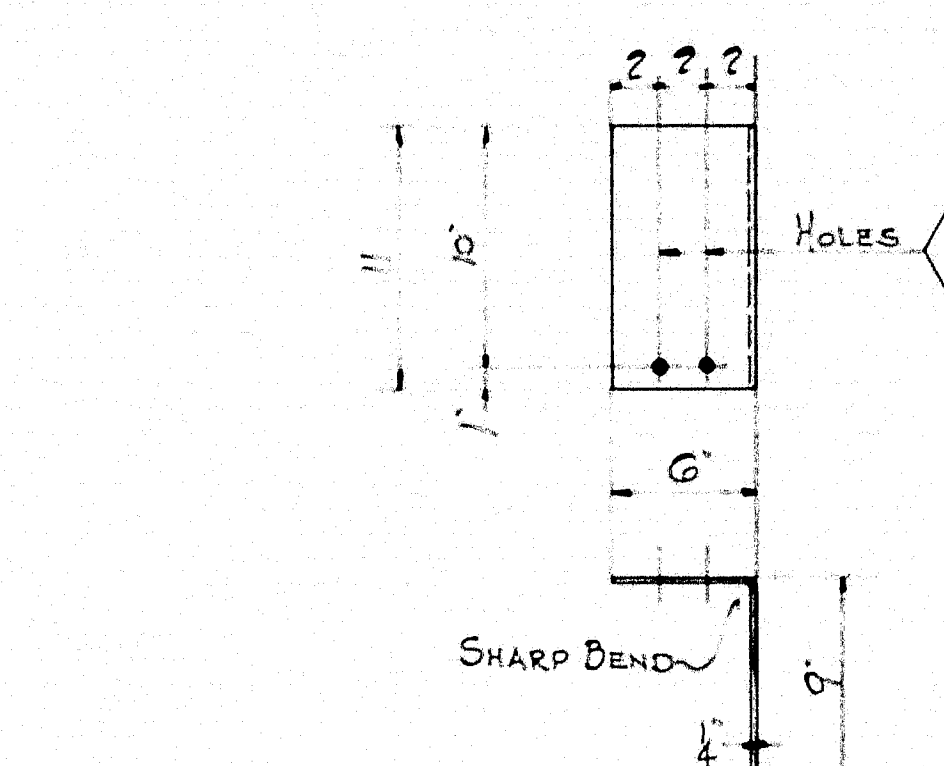
MAKE 24 SWEDGE BOLTS MARK ABI



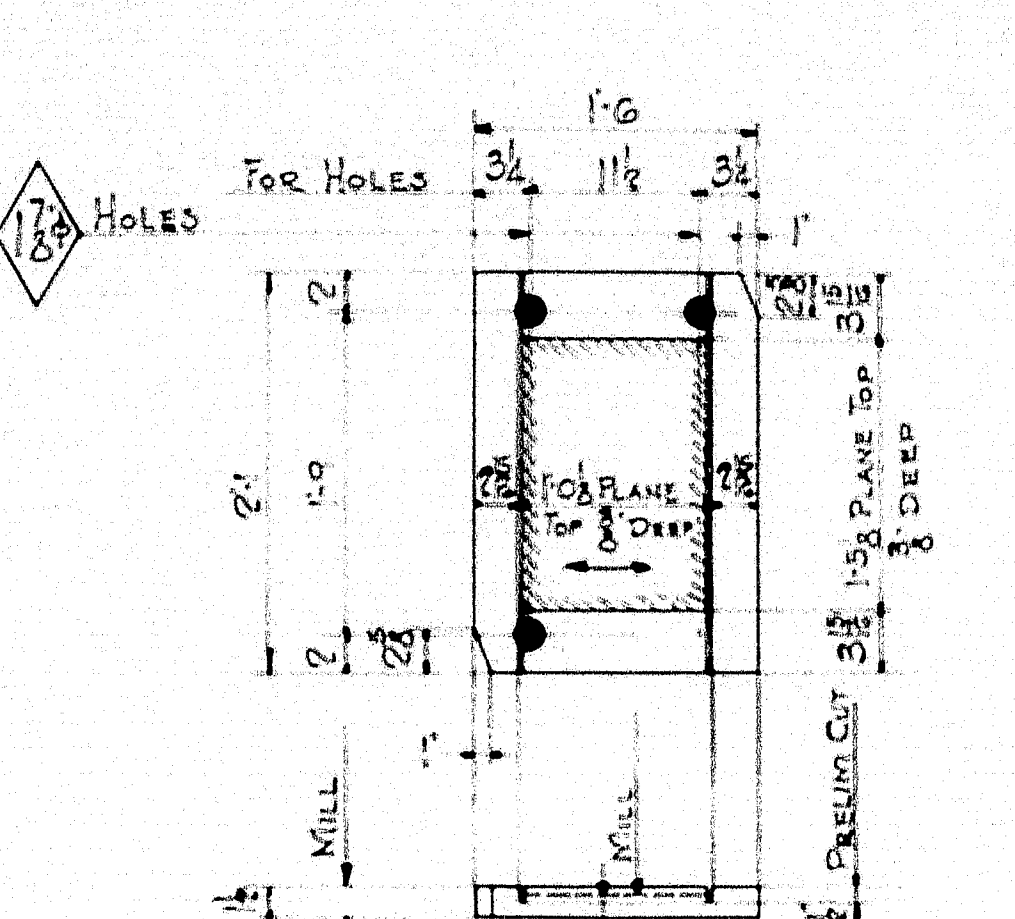
MAKE 8 PINS MARK PI



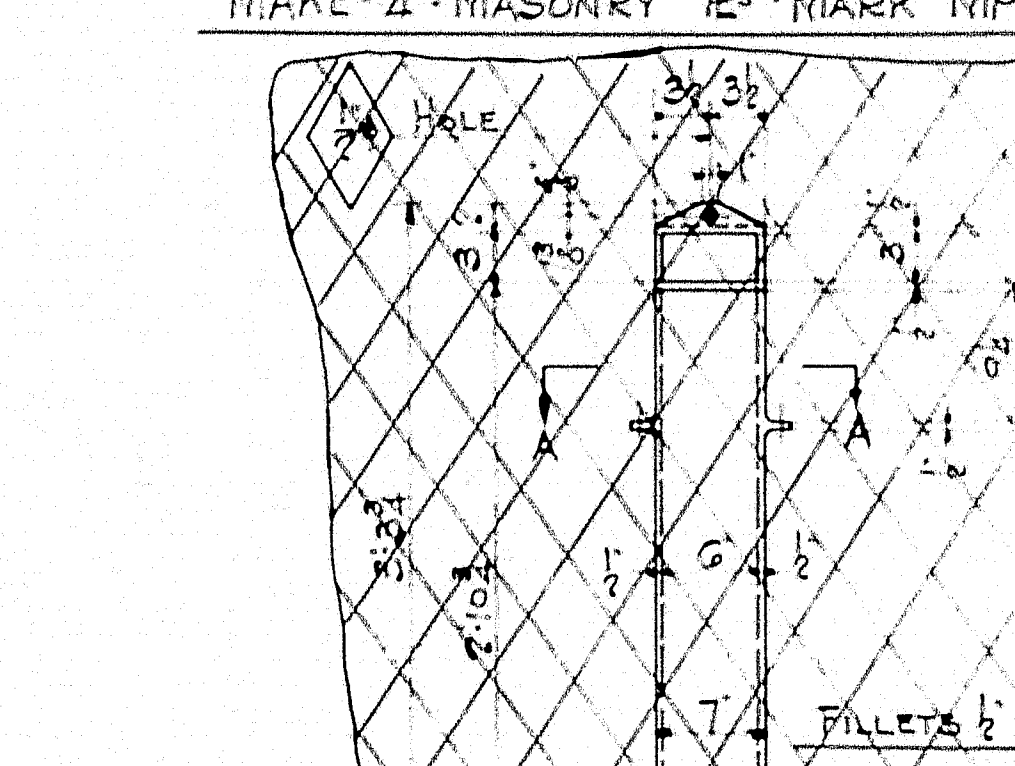
MAKE 4 MASONRY BS MARK MPI



MAKE ONE CURB R AS SHOWN MARK CPI

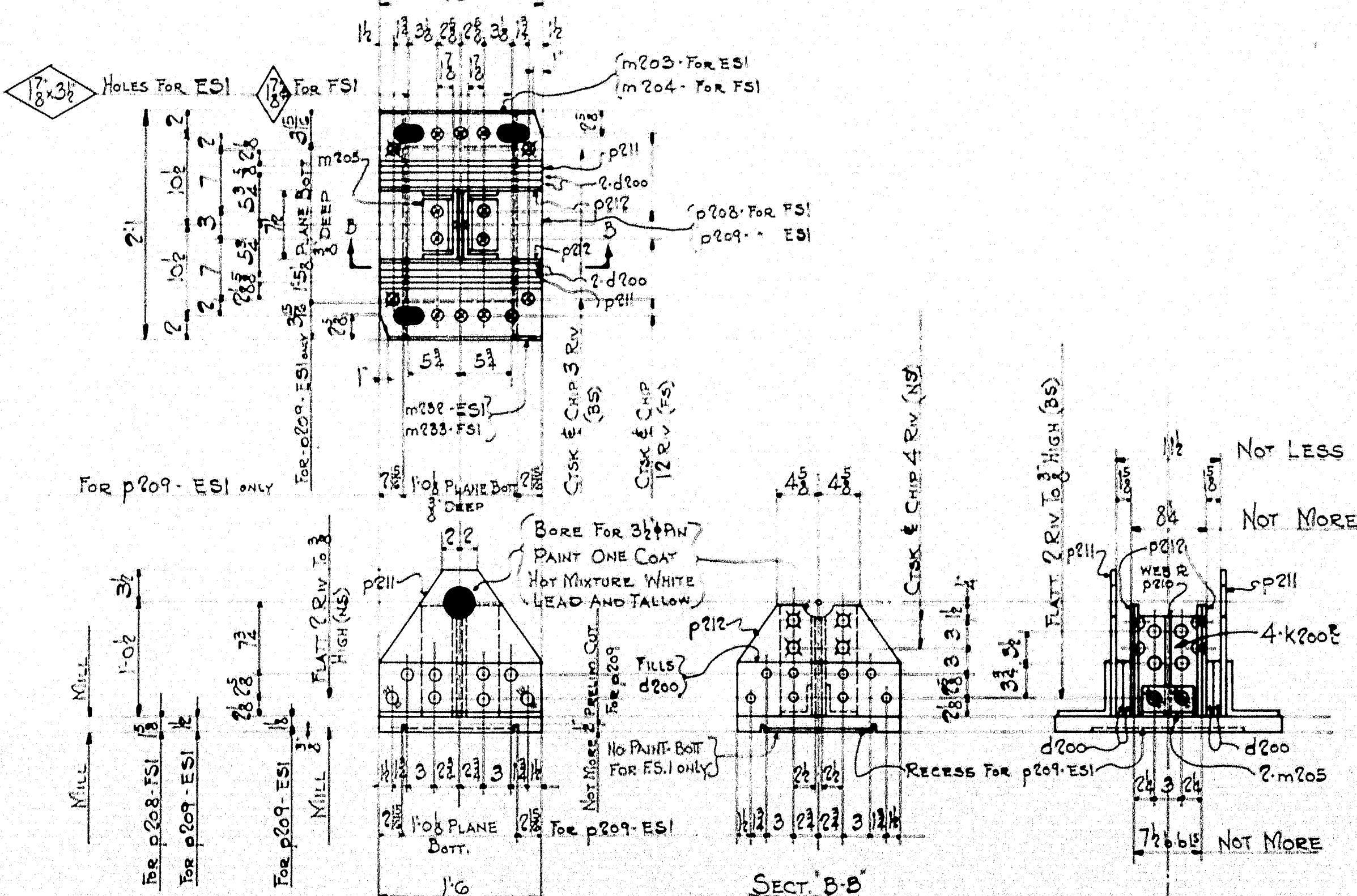


MAKE 4 MASONRY BS MARK MP2



MAKE 24 CAST IRON DRAINS MARK DI

REQ'D		MADE UP OF		REMARKS	ORD.	WT.
No.	MK.	No.	PC. MK.			
24	PCS	24		18x12 <sup>1/2</sup> DRUCK	2'-1	Stack
24	ABI	24	SWEDGE BOLTS	1 1/2"	1'-11	16379
		48	HEX NUTS			16380
4	MPI	4		R 18x1 1/2	2'-1	MILL ONE SIDE ROUGH CUT SIDE 16381-60
4	MP2	4		R 18x1 1/2	2'-1	MILL ONE SIDE ROUGH CUT SIDE 16387-61
8	SPI	8		R 12x1/2	1'-5	MILL 2 SIDES PHOSPHOR BRONZE
8	PI	8		PINS 3/8"	1'-3 1/2	MACHINED TOP TURN ENDS TO FIT PATTERN PIN 28 16381
				RECESSED NUTS		
? PILOT NUTS FOR 3/8" PIN						
? DRIVING NUTS FOR 3/8" PIN						
AS SHOWN		1	CP1	1	R 11x4	1'-3 BENT
OPP HAND		1	CP2	1	do	1'-3 do
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> </div> <div style="border: 1px solid black; padding: 5px;"> 24 DI 24 DRAINS 42x7 3 3/8 CAP 7000 </div> </div>						
4 FSI		4	p202	R 18x1 1/2	2'-1	M25 FSI 16382-60
4 ESI		4	p209	R 8x1 1/2	2'-1	M25 RECESSED ESI 16387-61
		4	m203	16x6x5/8	1'-6	ESI 16387
		4	m204	do	1'-6	ESI 16387
		1/6	m205	13x3x1/2	0'-6	ESI 16387
		8	p210	R 7x1/2	0'-10 1/2	M2E 16387
		32	k200	14x3x1/2	1'-0 1/2	M1-E 16387
		1/6	p211	R 18x1 1/2	1'-4	M1-E 16387
		1/6	p212	R 18x1 1/2	1'-0 1/2	M1-E 16387
		32	d200	R 18x1 1/2	0'-6	M1-E 16387
360 Riv				7/8"		
4 m202		4	m202	16x6x5/8	1'-6	ESI 16387
4 m203		4	m203	do	1'-6	ESI 16387



MAKE 4 FIXED SHOES MARK FSI  
MAKE 4 EXPANSION SHOES MARK ESI

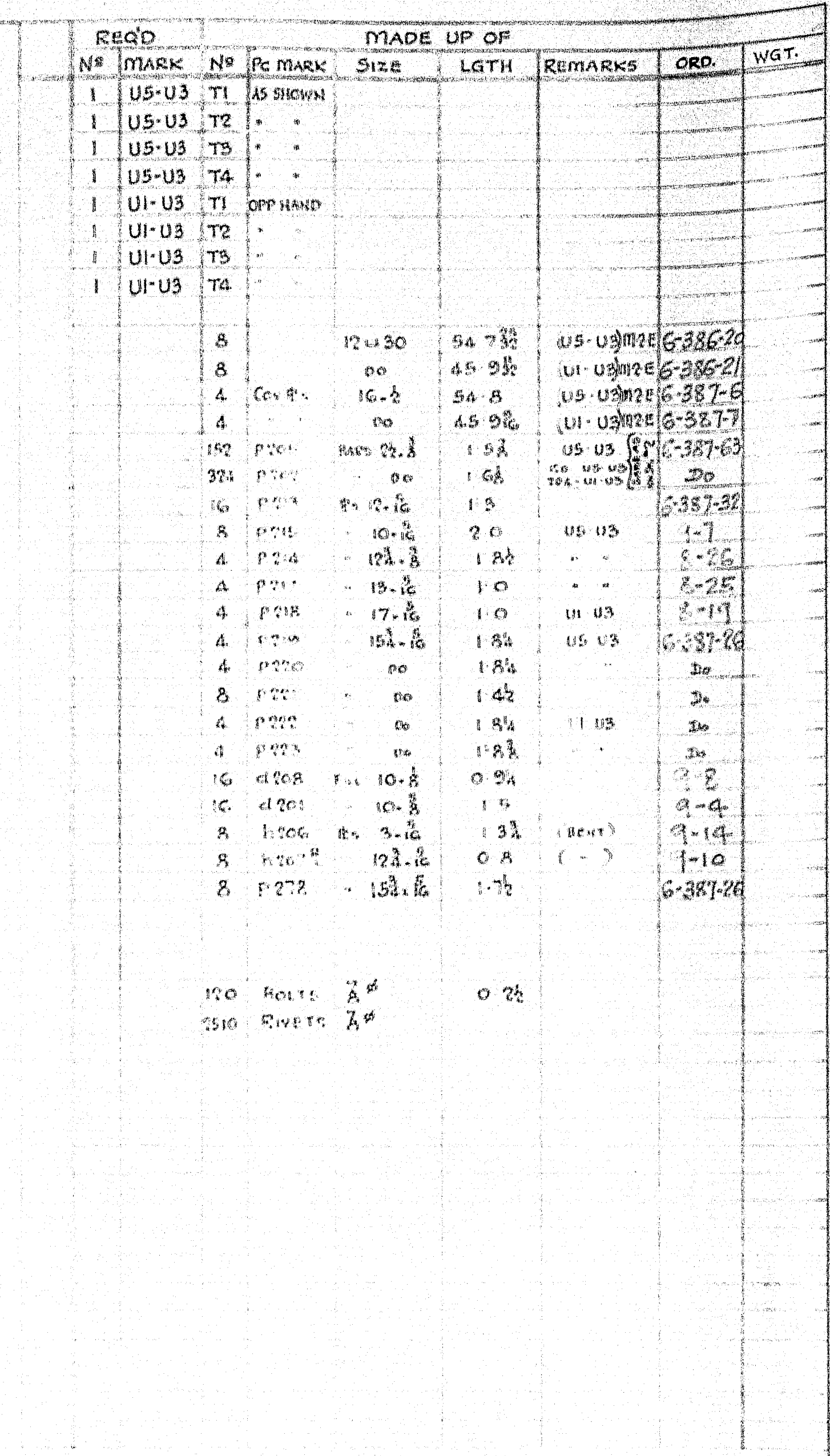
NOTES  
RIVETS 7/8 OPEN HOLES 1 1/2 UNLESS NOTED  
PAINT ONE SHOP COAT RED LEAD AND OIL UNLESS NOTED  
CONTACT SURFACES NOT TO BE PAINTED

PROJECT TITLE: ANCHOR BOLTS, SHROPS, C.I. DRAINS, CURB, FSI  
STATIONED: PLEASANT RIVER BRIDGE  
OVER PLEASANT RIVER IN THE TOWN  
OF MILLS, PISCATAQUIS CO., MAINE  
DESIGNED BY: MAINE STATE HIGHWAY COMMISSION  
HARRIS STRUCTURAL STEEL CO., INC.  
NEW YORK CITY AND NEW MARKET, N. J.  
DRAWN BY: AHM  
CHECKED BY: JH  
DATE: 8/17/36  
ORD. NO. C976 SHEET NO. 27-11







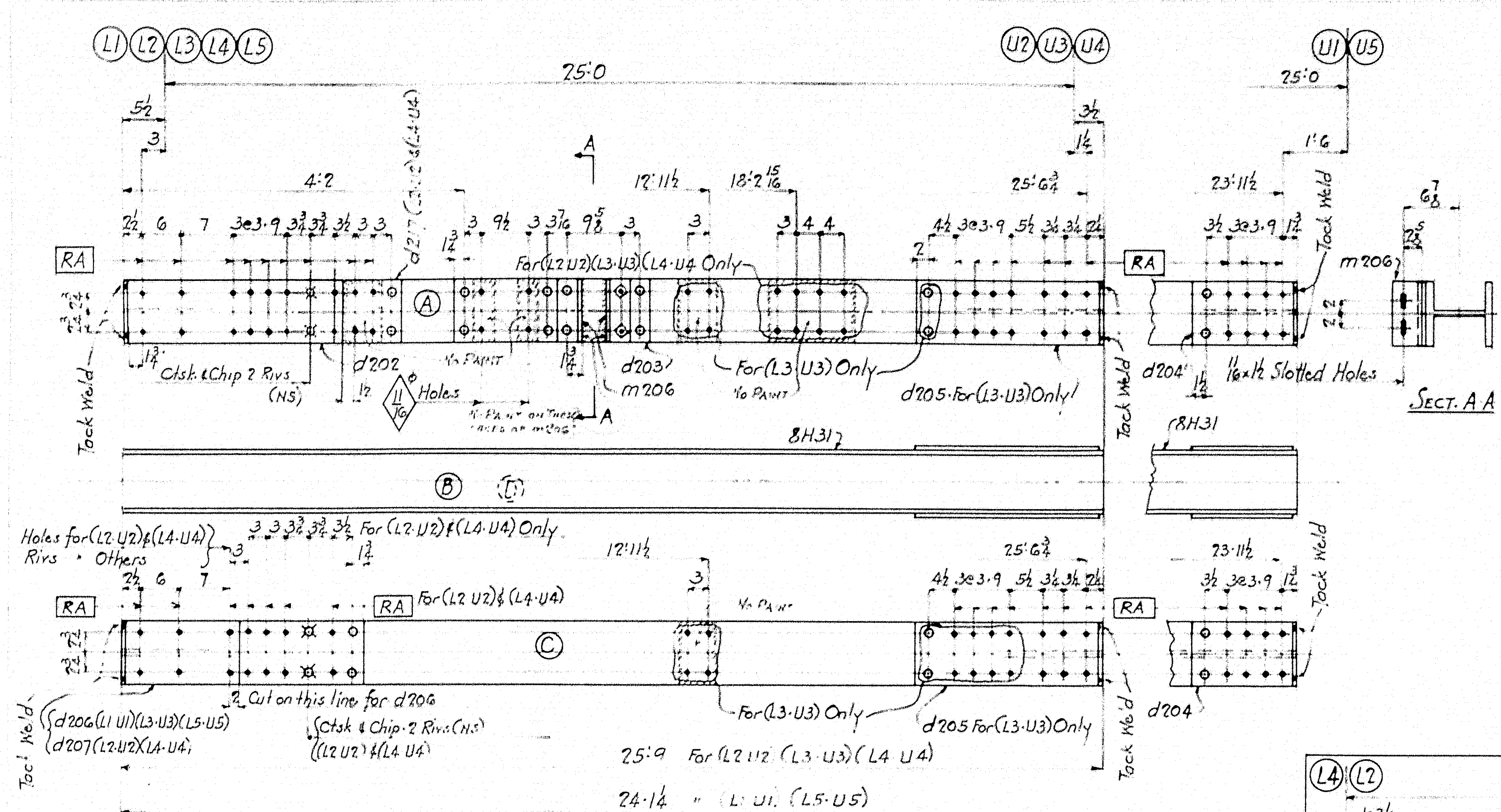


MAKE	ONE	TRUSS	MEMBER	AS SHOWN	MARK	(U5- U3)	T1	WGT.
"	ONE	"	"	"	"	(U5- U3)	T2	5523
"	ONE	"	"	"	"	(U5- U3)	T3	5523
"	ONE	"	"	"	"	(U5- U3)	T4	5523
"	ONE	"	"	OPP HAND	"	(U1- U3)	T1	4661
"	ONE	"	"	"	"	(U1- U3)	T2	4661
"	ONE	"	"	"	"	(U1- U3)	T3	4661
"	ONE	"	"	"	"	(U1- U3)	T4	4661

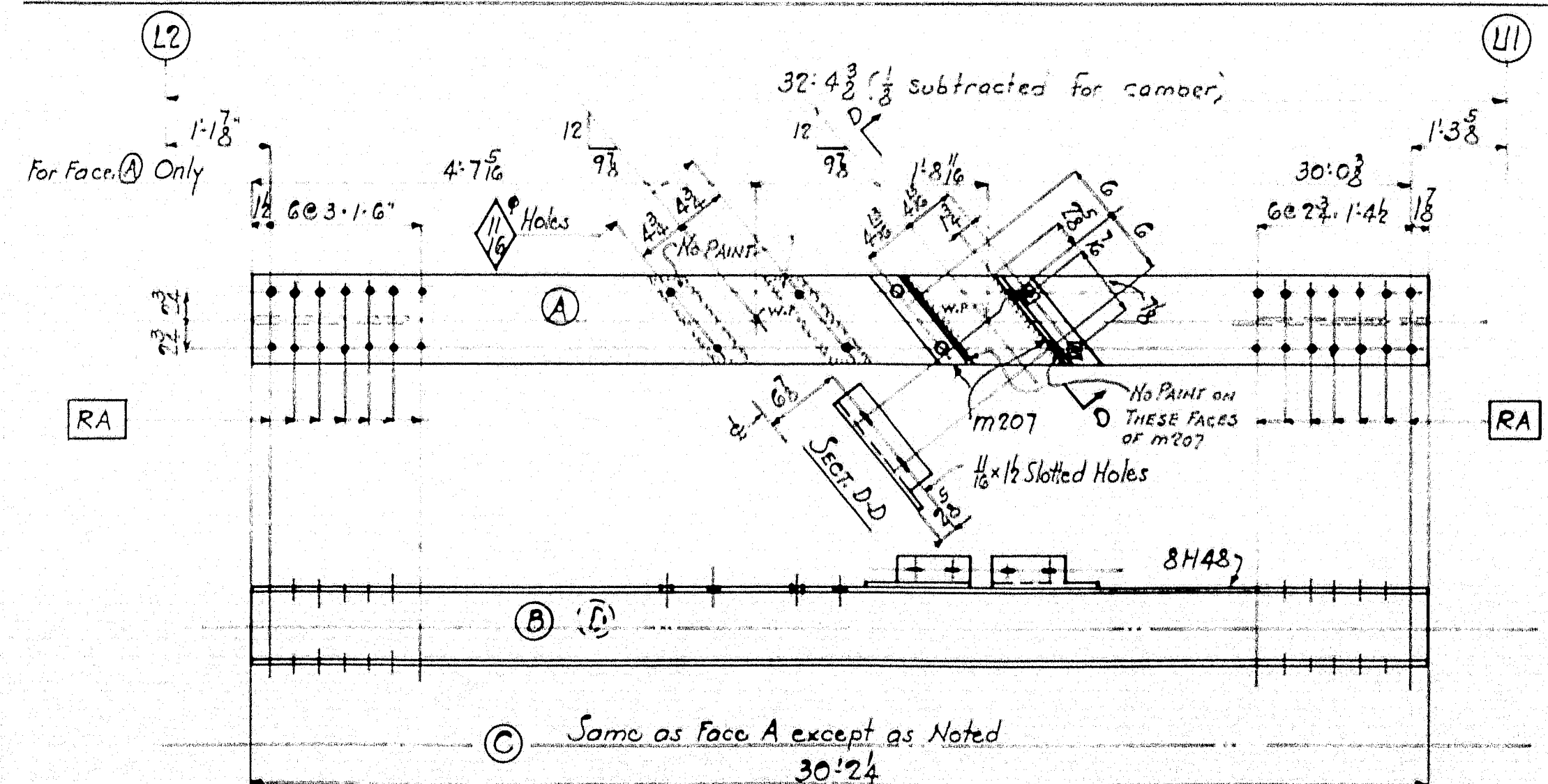
176 #  
 DISTRICT OF PENNSYLVANIA  
 ROBERT TITUS (IN US3) TITUS TA (IN US3) TITUS TA  
 PLACANT: RIVER BRIDGE  
 LOCATING: OVER PLACANT RIVER IN THE TOWN OF MILO.  
 PISCATAWAY CO MAINE  
 MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO., INC.  
 NEW YORK CITY AND NEW MARKET, N. J.  
 DATE: 6/18/36  
 ORDER NO. C976 SHEET NO. 3

27-13

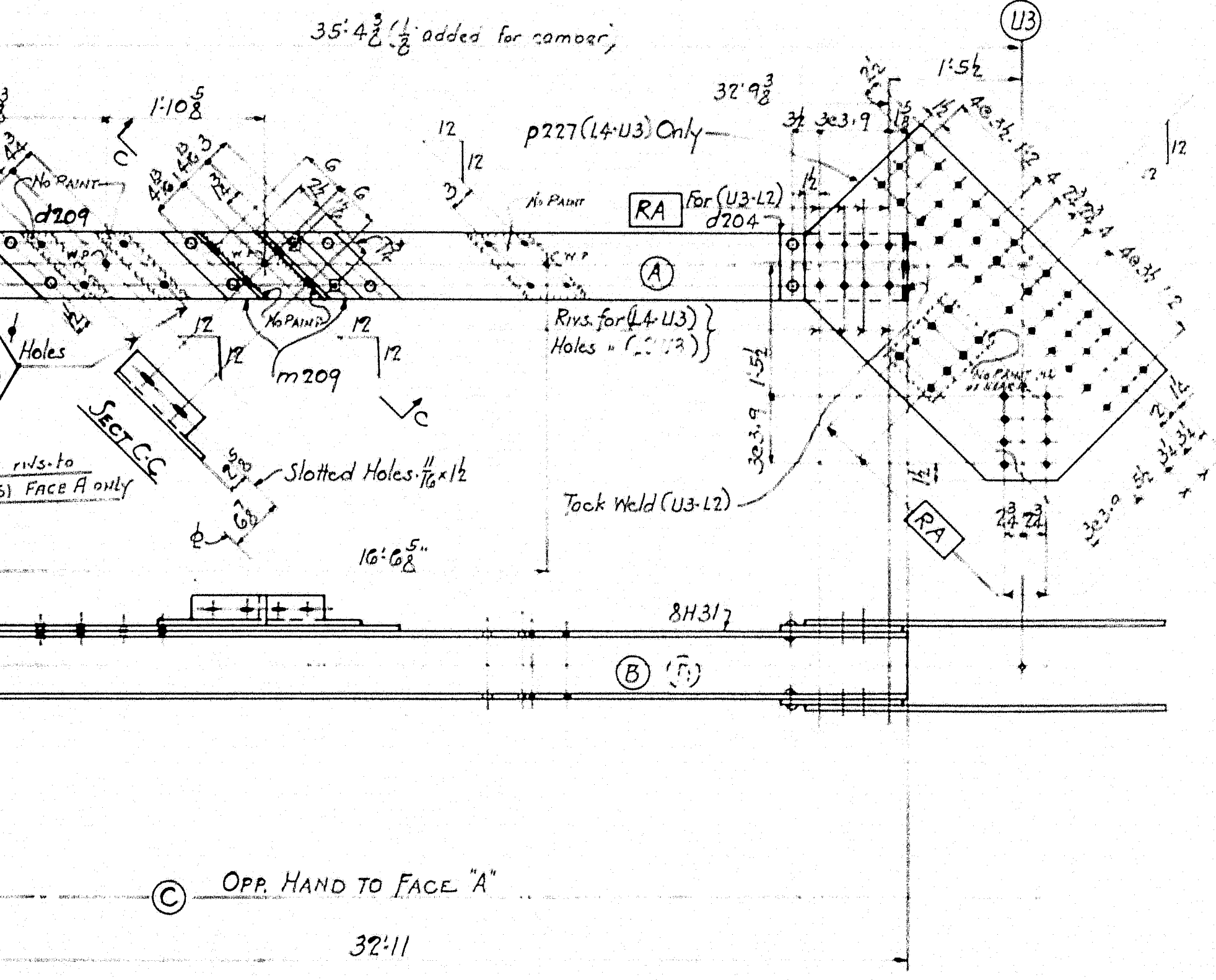
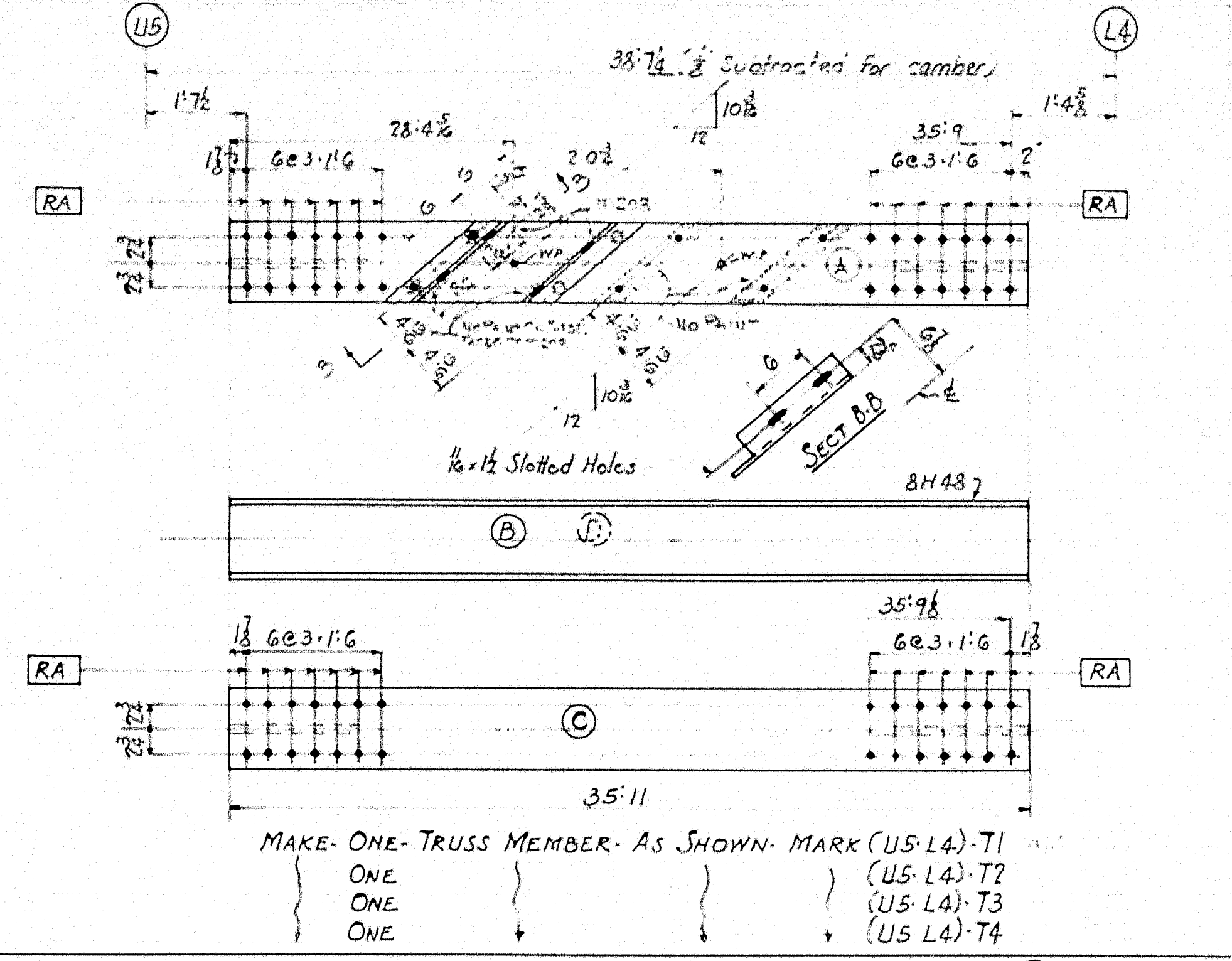




- MAKE ONE TRUSS MEMBER AS SHOWN MARK (L1-U1)-T1
- ONE (L1-U1)-T2
  - ONE (L1-U1)-T3
  - ONE (L1-U1)-T4
  - ONE (L2-U2)-T1
  - ONE (L2-U2)-T2
  - ONE (L2-U2)-T3
  - ONE (L2-U2)-T4
  - ONE (L3-U3)-T1
  - ONE (L3-U3)-T2
  - ONE (L3-U3)-T3
  - ONE (L3-U3)-T4
  - ONE (L4-U4)-T1
  - ONE (L4-U4)-T2
  - ONE (L4-U4)-T3
  - ONE (L4-U4)-T4
  - ONE (L5-U5)-T1
  - ONE (L5-U5)-T2
  - ONE (L5-U5)-T3
  - ONE (L5-U5)-T4



- MAKE ONE TRUSS MEMBER AS SHOWN MARK (L2-U2)-T1
- ONE (L2-U2)-T2
  - ONE (L2-U2)-T3
  - ONE (L2-U2)-T4



- MAKE ONE TRUSS MEMBER AS SHOWN MARK (L4-U3)-T1
- ONE (L4-U3)-T2
  - ONE (L4-U3)-T3
  - ONE (L4-U3)-T4
  - ONE (L2-U3)-T1
  - ONE (L2-U3)-T2
  - ONE (L2-U3)-T3
  - ONE (L2-U3)-T4

RECD	NO	MARK	PC MARK	MADE UP OF	SIZE	LGTH	REMARKS	ORD	WGT
	1	L1 U1	T1						
	1	L1 U1	T2						
	1	L1 U1	T3						
	1	L1 U1	T4						
	1	L2 U2	T1						
	1	L2 U2	T2						
	1	L2 U2	T3						
	1	L2 U2	T4						
	1	L3 U3	T1						
	1	L3 U3	T2						
	1	L3 U3	T3						
	1	L3 U3	T4						
	1	L4 U4	T1						
	1	L4 U4	T2						
	1	L4 U4	T3						
	1	L4 U4	T4						
	1	L5 U5	T1						
	1	L5 U5	T2						
	1	L5 U5	T3						
	1	L5 U5	T4						
	12			8 H 31	25'9"		(L1 U1) (L3 U3) (L4 U4)		385-17
	8			Do	24'14"		(L1 U1) (L5 U5)		385-18
	20	d202		5 1/2 x 4	3'6 1/2				1-11
	20	d202			2'11"				
	16	d204			1'3 1/2		(L1 U1) (L5 U5)		
	8	d205			2'5 1/2		(L3 U3)		
	12	d206			1'5"		(L1 U1) (L3 U3)		
	8	d207		5 1/2 x 4	3'0 1/2		(L2 U2) (L4 U4)		
	40	m206		3 1/2 x 3 1/2	0'3 1/2				
	368			Rivts 3/4"	0'3 1/2				
	8	d117		5 1/2 x 8	0'9"		(L1 U1) (L4 U4)		
	1	L2 U1	T1						
	1	L2 U1	T2						
	1	L2 U1	T3						
	1	L2 U1	T4						
	4			8 H 42	30'2 1/2				385-14
	8	m207		5 1/2 x 3 1/2	1'0 1/2				
	16			Rivts 3/4"					
	8			Bolts 3/4"	0'2 1/2				
	1	L5 L4	T1						
	1	L5 L4	T2						
	1	L5 L4	T3						
	1	L5 L4	T4						
	4			8 H 42	35'11"				385-15
	8	m208		5 1/2 x 3 1/2	1'3 1/2				
	16			Rivts 3/4"					
	8			Bolts 3/4"	0'2 1/2				
	1	L4 U3	T1	AS SHOWN					
	1	L4 U3	T2	"					
	1	L4 U3	T3	"					
	1	L4 U3	T4	AS SHOWN					
	1	L2 U3	T1	OPP HAND					
	1	L2 U3	T2	"					
	1	L2 U3	T3	"					
	1	L2 U3	T4	OPP HAND					
	8			8 H 31	32'11"				
	32	d204							
	8	d209		5 1/2 x 4	4'9 1/2				
	16	m209		5 1/2 x 3 1/2	1'2 1/2				
	8	p227		5 1/2 x 4	3'8 1/2				
	192			Rivts 3/4"					
	16			Bolts 3/4"	0'2 1/2				

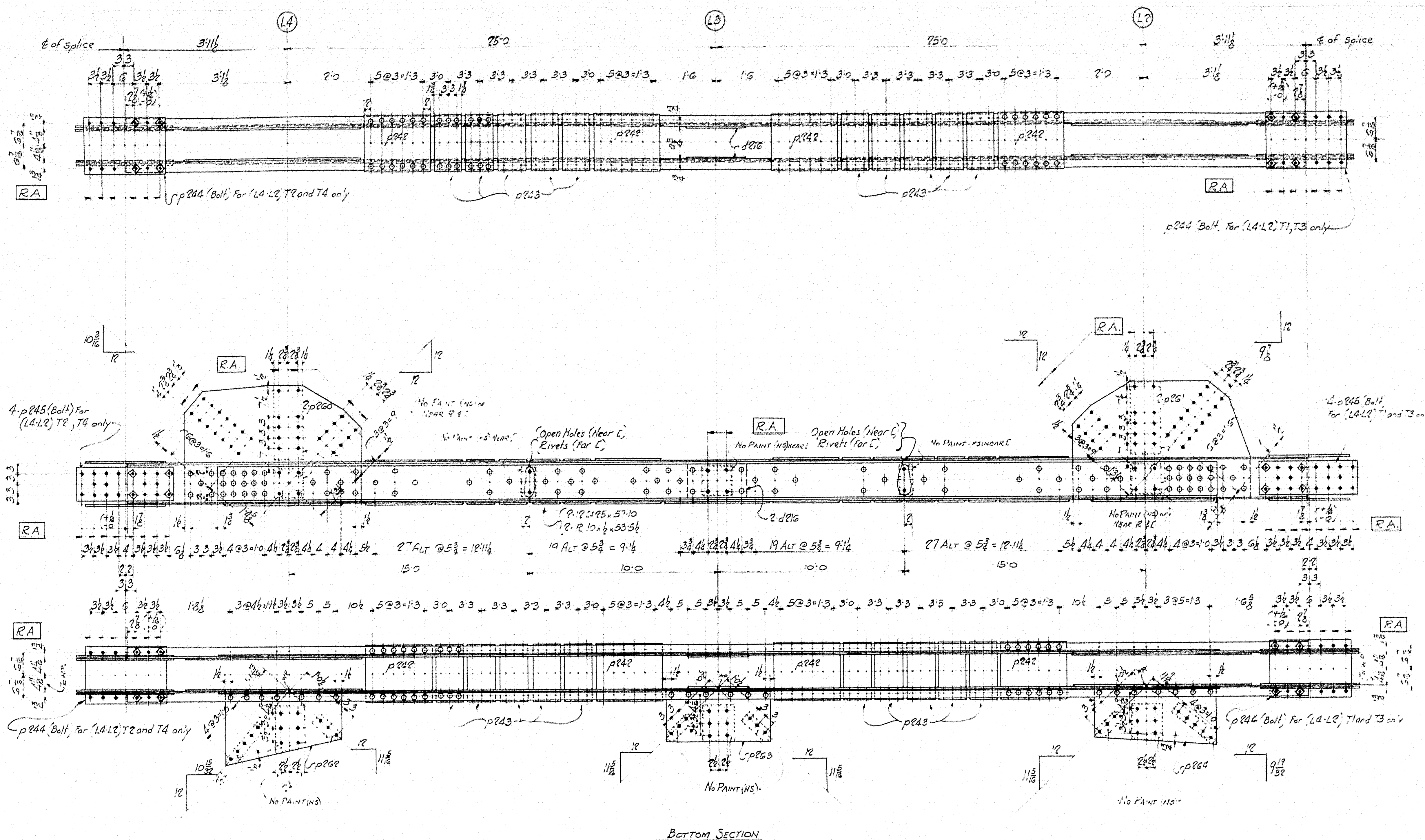
NOTE:  
 RIVETS 3/4" OPEN HOLES 1 1/2" UNLESS NOTED.  
 HOLES MARKED [RA] TO BE SPUR-PUNCHED 1/2" AND REAMED TO 1 1/2" WITH CONNECTING PARTS ASSEMBLED OR REAMED TO A METAL TEMPLATE.  
 BALANCE OF OPEN HOLES AND RIVET HOLES TO BE PUNCHED FULL SIZE.  
 PAINT ONE SHOP COAT RED LEAD & OIL UNLESS NOTED CONTACT SURFACES NOT PAINTED.  
 THE SHOP IS TO ASSEMBLE THE TRUSS COMPLETE FOR SHIPPING AND APPLY SHOP COAT OF PAINT WHILE ASSEMBLED.  
 ALL SURFACES IN CONTACT AFTER ERECTION SHALL NOT BE PAINTED.  
 SPECIFICATIONS - MAINE STATE HIGHWAY COMMISSION STEEL HIGHWAY BRIDGE 1936

WEB MEMBERS OF TRUSSES  
 PLEASANT RIVER BRIDGE  
 OVER PLEASANT RIVER IN THE TOWN OF MILFORD  
 PISCATAQUIS CO. MAINE  
 MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO. INC.  
 NEW YORK CITY AND NEW MARKET, N. J.  
 ORDER NO. C976 SHEET NO. 4









BOTTOM SECTION

MAKE ONE TRUSS MEMBER - MARK (L4-L2) T1			
"	ONE	"	" (L4-L2) T2
"	ONE	"	" (L4-L2) T3
"	ONE	"	" (L4-L2) T4

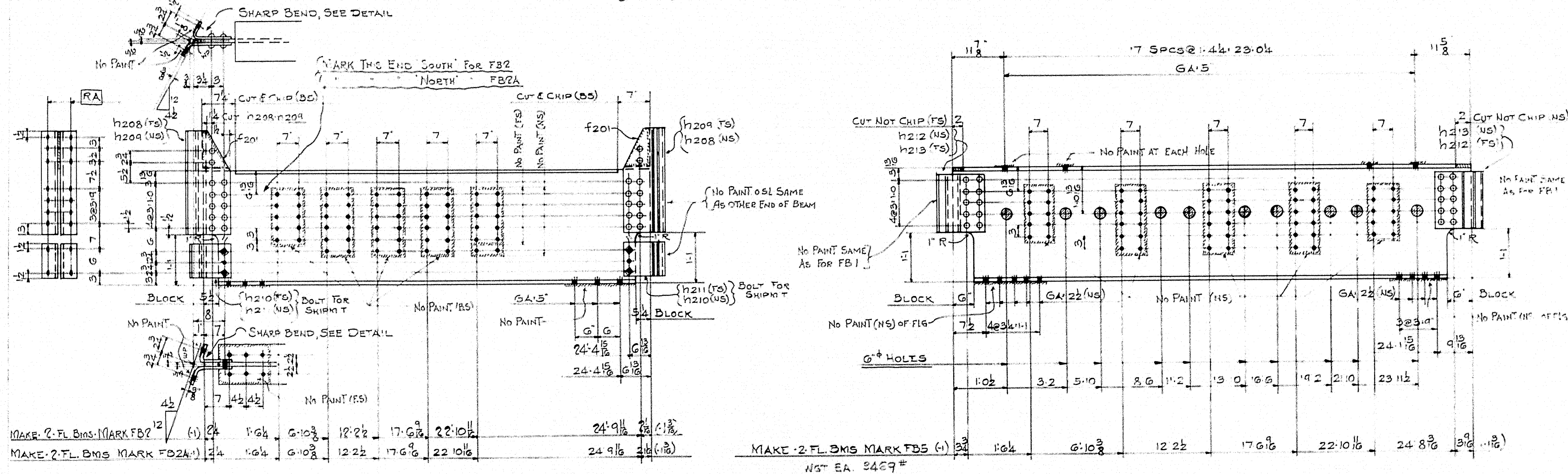
REQD		MADE UP OF		ORD	WGT			
NO	MARK	NO	PC MK	SIZE	LENGTH	REMARKS	ORD	WGT
ONE	(L4-L2) T1							
ONE	(L4-L2) T2							
ONE	(L4-L2) T3							
ONE	(L4-L2) T4							
8				12 L 25	57'10	Cut 57'11		386.28
8				12 10 x 4	53'54			357.9
8	p 260			R 33 1/2	4'3			2.5
8	p 261			do	4'3			2.5
4	p 262			R 21 1/2	2'9 1/2			2.14
4	p 263			R 15 1/2	2'9			2.24
4	p 264			R 10 1/2	2'11			2.20
32	p 242			R 12 1/2	1'7	SAME AS ON SH. #5		387.21
80	p 243			do	0'96			3.0
8	p 244			do	1'11	do		3.7
16	p 245			R 10 x 1/2	2'4	do		1.7
2	d 216			R 10 x 3/8	1'5	do		1.5
24	Bolts			3/4"	0'24			
2480	Rivets			3/4"				


Notes  
 Rivets 3/4" Open Holes 1/2"  
 Holes Marked "RA" to be Subpunched 1/2" and Reamed  
 to 3/4" with Connecting Parts Assembled, or Reamed  
 to a Metal Template  
 Balance of Open Holes and Rivet Holes Punched Full Size.  
 Paint One Shopcoat Red Lead and 2nd Coat noted  
 Contact Surfaces Not to Be Painted  
 Shop to assemble truss complete for erection and apply shopcoat of  
 paint with 2nd coat noted. All surfaces in contact with other erection shall not  
 be painted.  
 Work This Sheet with Sheet #5

BOSS CHORD MEMBERS (L4-L2)  
 PLEASANT IN BRIDGE  
 OVER PLEASANT RIVER IN THE TOWN  
 OF POCATOPUS, IDAHO  
 MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO., INC.  
 NEW YORK CITY AND NEW MARKET, N. J.  
 4/10/36  
 SHEET NO. 6

SPECIFICATIONS - MAINE STATE HIGHWAY COMMISSION  
 STEEL HIGHWAY BRIDGES 1936

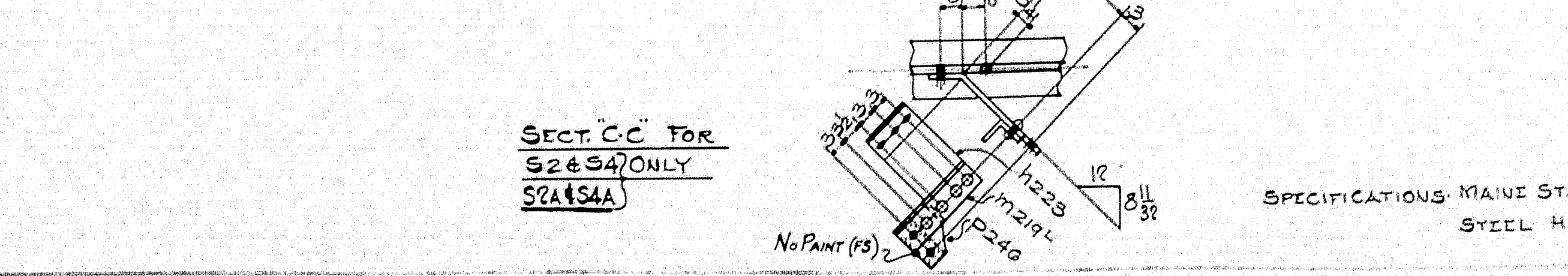
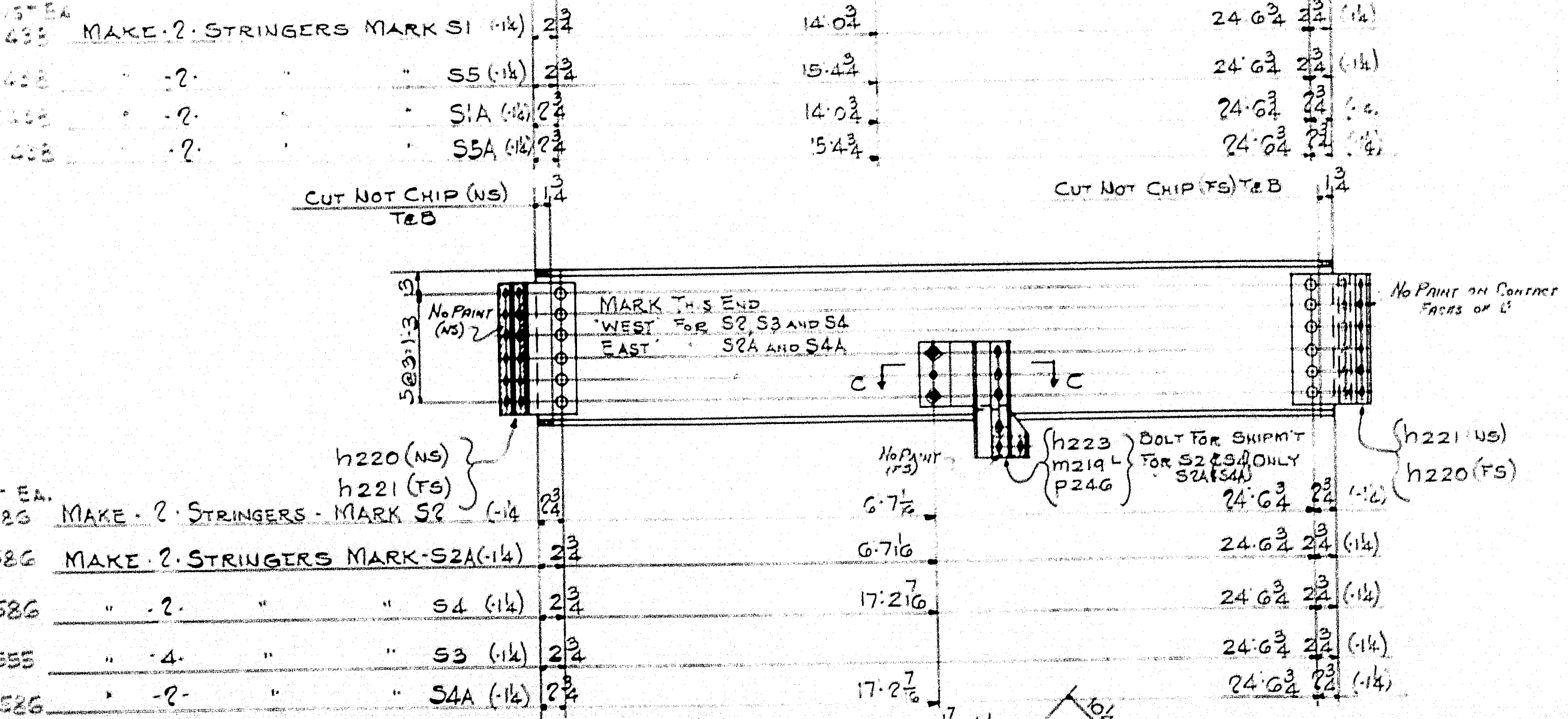
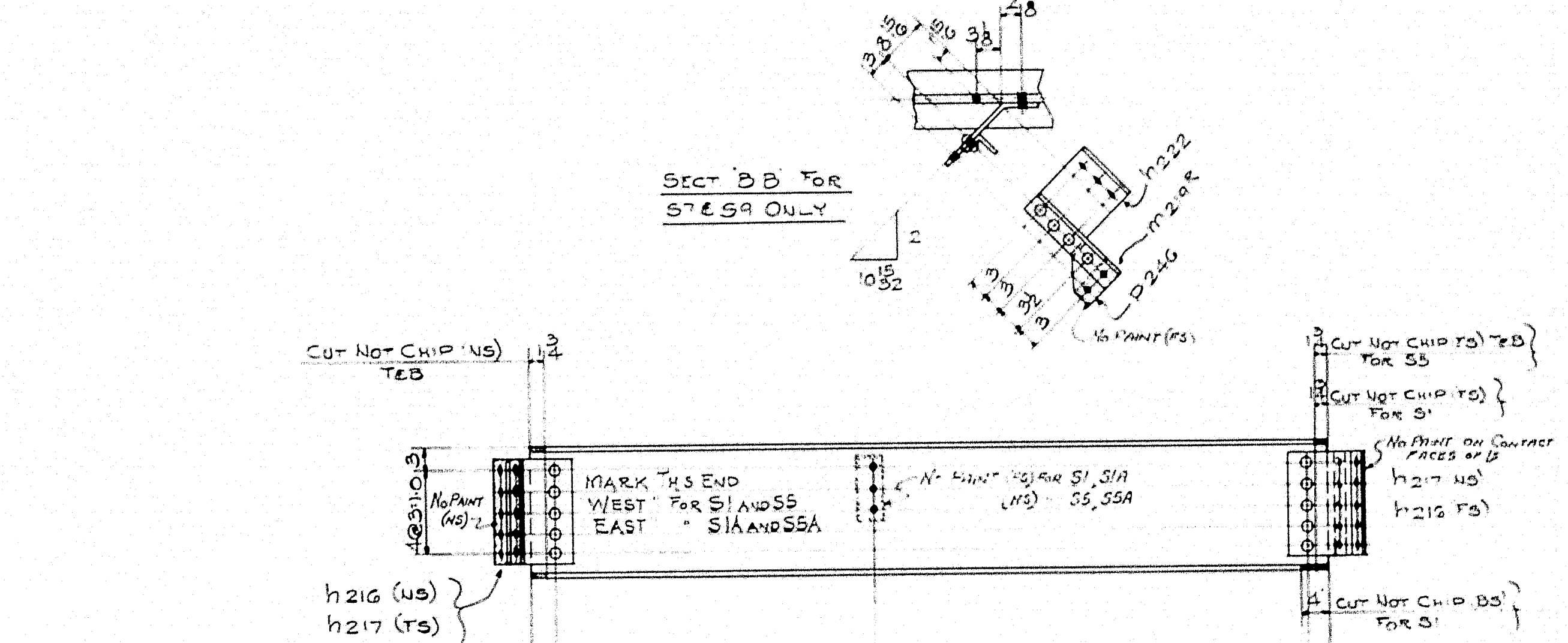
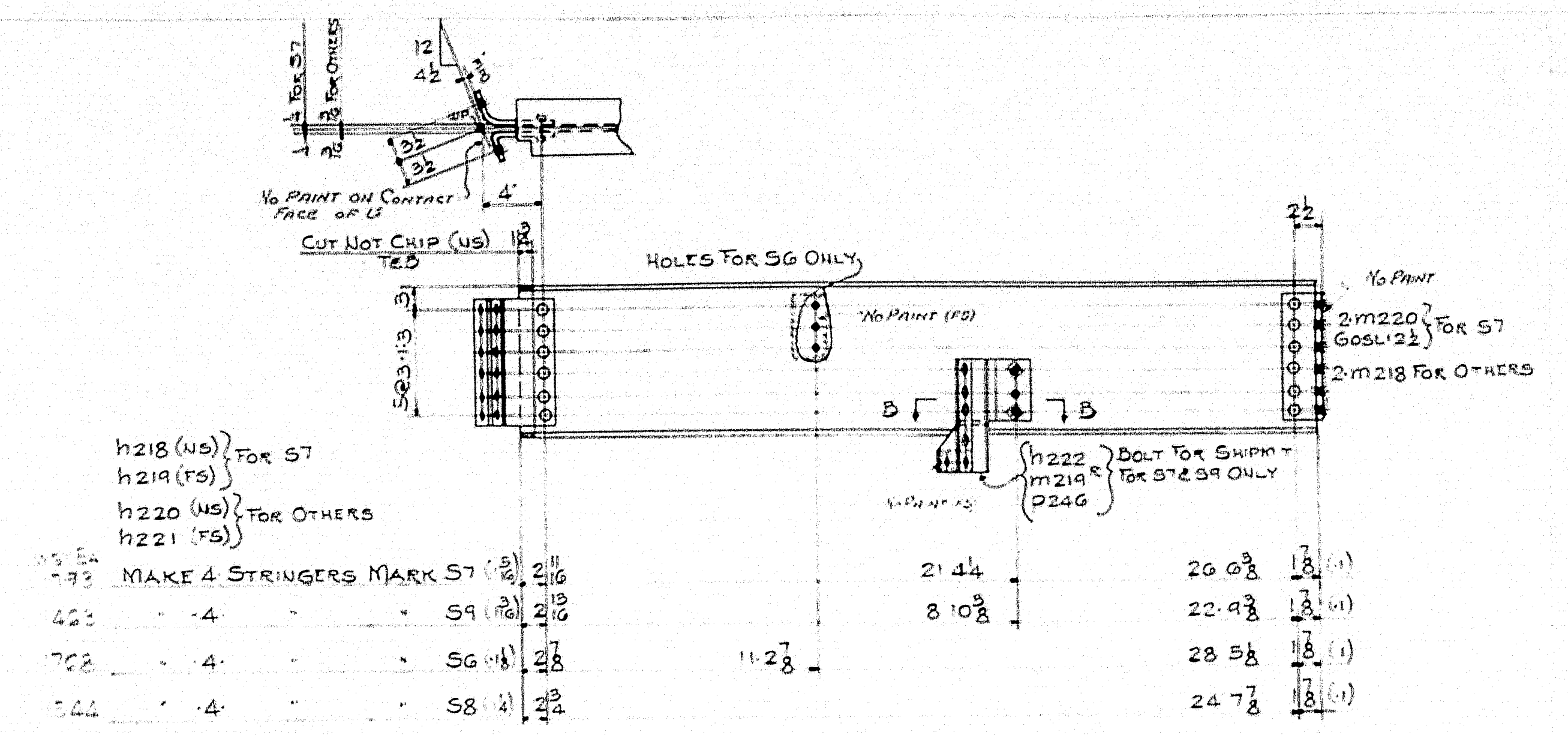
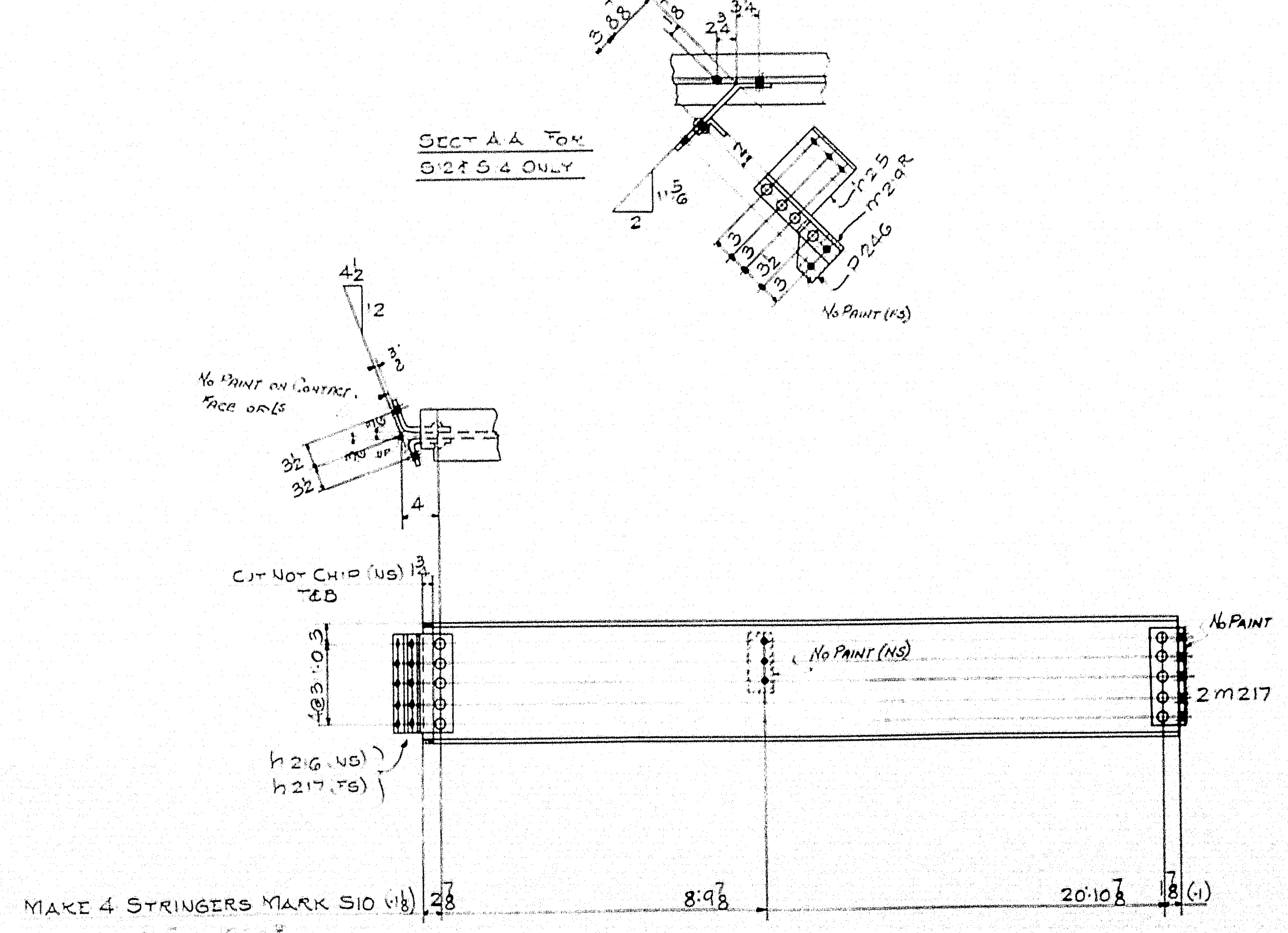
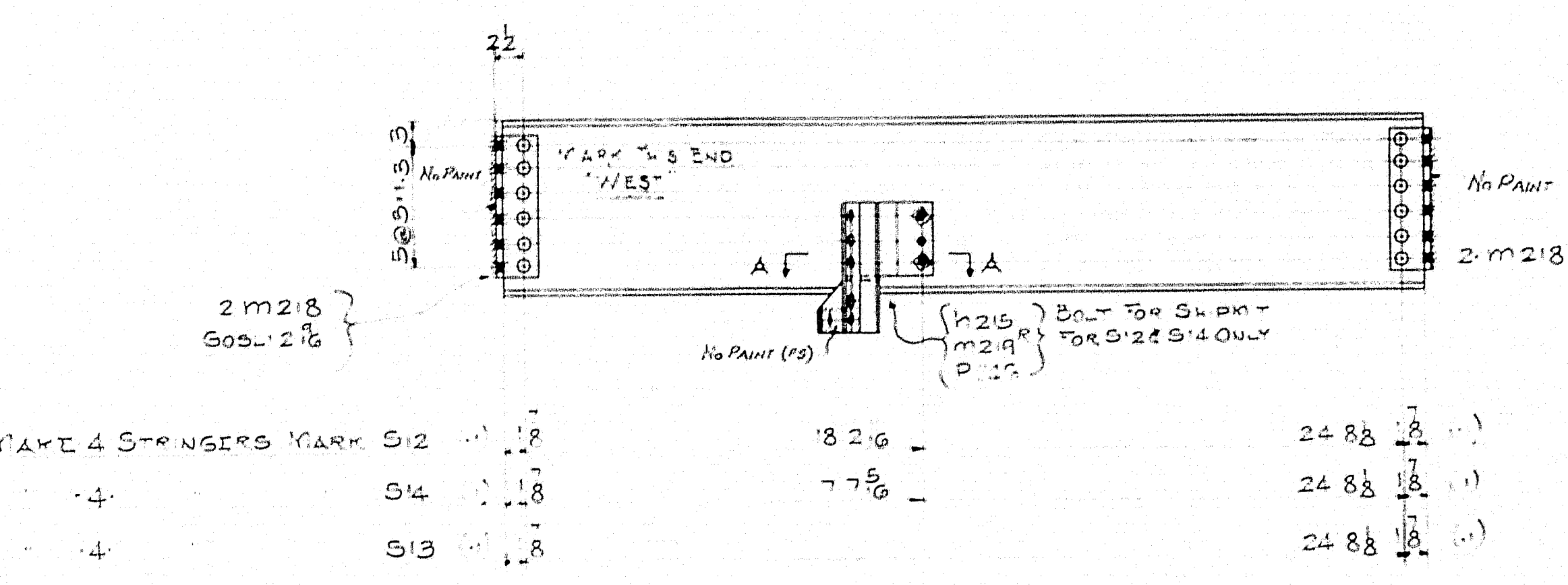
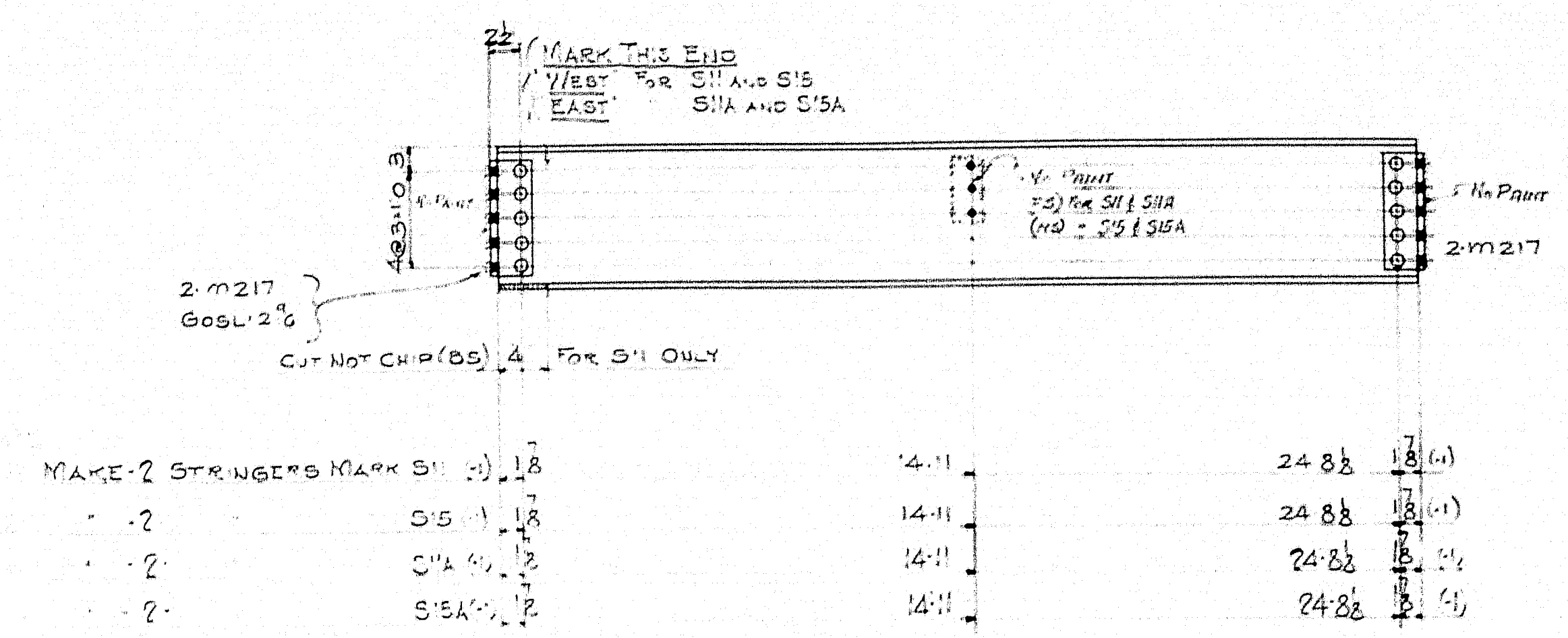




NOTES -  
 BONES 7  $\frac{1}{8}$  OPEN HOLES  $\frac{5}{8}$   $\frac{1}{8}$   
 HOLES MARKED  TO BE TOUCHED UP  $\frac{1}{16}$   $\frac{1}{8}$   
 AND REPAINTED TO  $\frac{1}{8}$  WITH CONNECTING  
 PARTS ASSEMBLED & REPAINTED TO A  
 METAL TEMPLATE BALANCE OF OPEN  
 HOLES & HOLE HOLES FINISHED FULL SIZE  
 PAINT - ONE SHIP COAT OF RED LEAD & OILS  
 (LESS HOTEL)  
 CONTACT SURFACES NOT PAINTED

TOTAL 2500  
 PROJECT TITLE FL BRG  
 PROJECT PLEASANT RIVER BRIDGE  
 LOCATION OVER PLEASANT RIVER IN THE TOWN OF  
MILB - PISCATAQUID CO MAINE  
 PROJECT MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO., INC.  
 NEW YORK CITY AND NEW MARKET, N. J.  
 DATE 1-17-68 SIZE 18"  
 MADE BY AEM  
 CHECKED BY WES  
 ORDER NO. C 476 SHEET NO. 7





REQ'D	NO	MARK	PC MK	SIZE	LENGTH	UP	OF	REMARKS	ORD	WGT
	4	S11	4	18B55	24'10"				6-386-10	
	4	S12	4	Do	24'10"				Do	
	4	S13	4	Do	24'10"				Do	
	4	S14	4	Do	24'10"				Do	
	4	S15	4	Do	24'10"				Do	
	4	S1A	4	Do	24'10"				Do	
	4	S1B	4	Do	24'10"				Do	
	4	S1C	4	Do	24'10"				Do	
	4	S1D	4	Do	24'10"				Do	
	4	S1E	4	Do	24'10"				Do	
	4	S1F	4	Do	24'10"				Do	
	4	S1G	4	Do	24'10"				Do	
	4	S1H	4	Do	24'10"				Do	
	4	S1I	4	Do	24'10"				Do	
	4	S1J	4	Do	24'10"				Do	
	4	S1K	4	Do	24'10"				Do	
	4	S1L	4	Do	24'10"				Do	
	4	S1M	4	Do	24'10"				Do	
	4	S1N	4	Do	24'10"				Do	
	4	S1O	4	Do	24'10"				Do	
	4	S1P	4	Do	24'10"				Do	
	4	S1Q	4	Do	24'10"				Do	
	4	S1R	4	Do	24'10"				Do	
	4	S1S	4	Do	24'10"				Do	
	4	S1T	4	Do	24'10"				Do	
	4	S1U	4	Do	24'10"				Do	
	4	S1V	4	Do	24'10"				Do	
	4	S1W	4	Do	24'10"				Do	
	4	S1X	4	Do	24'10"				Do	
	4	S1Y	4	Do	24'10"				Do	
	4	S1Z	4	Do	24'10"				Do	

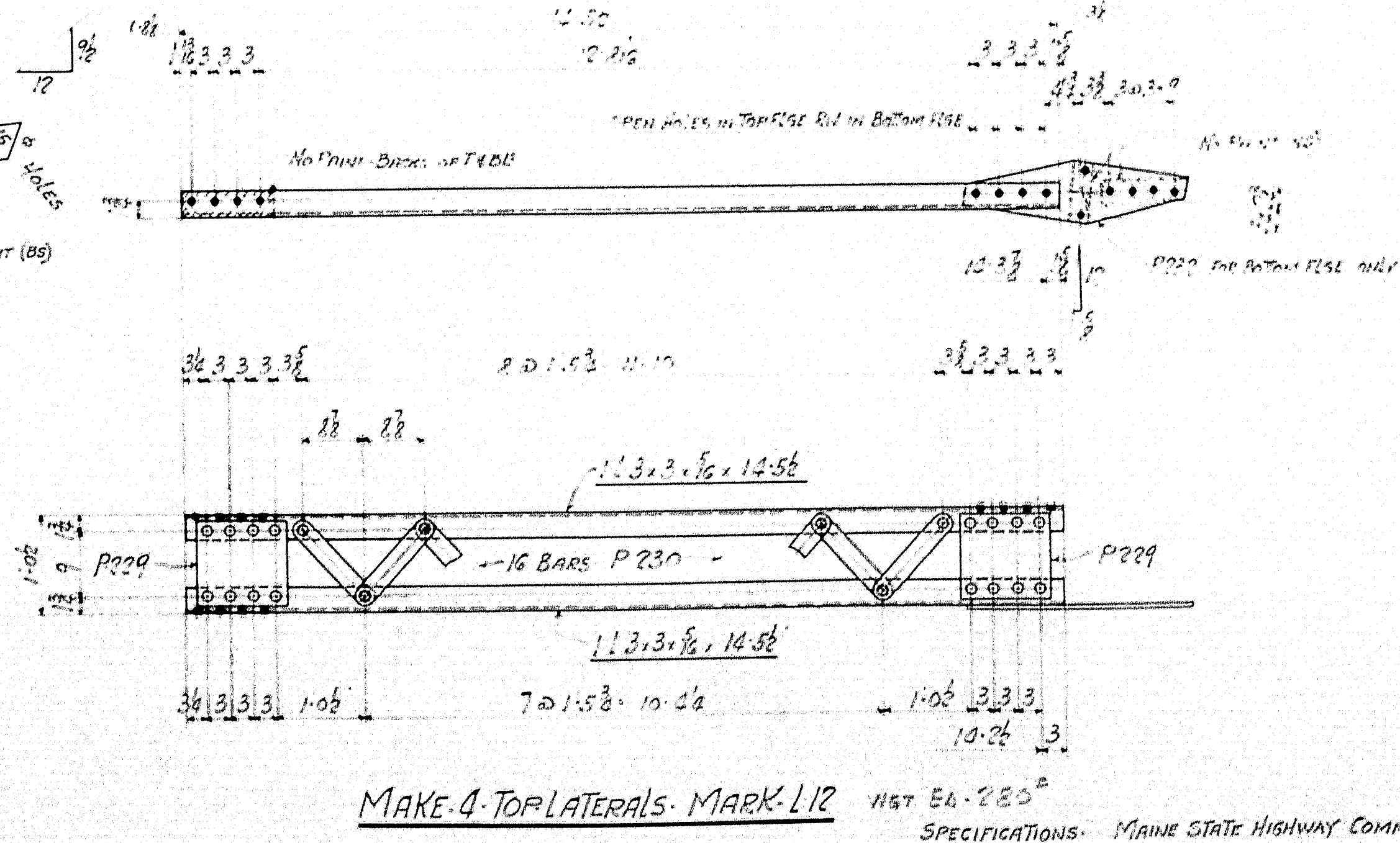
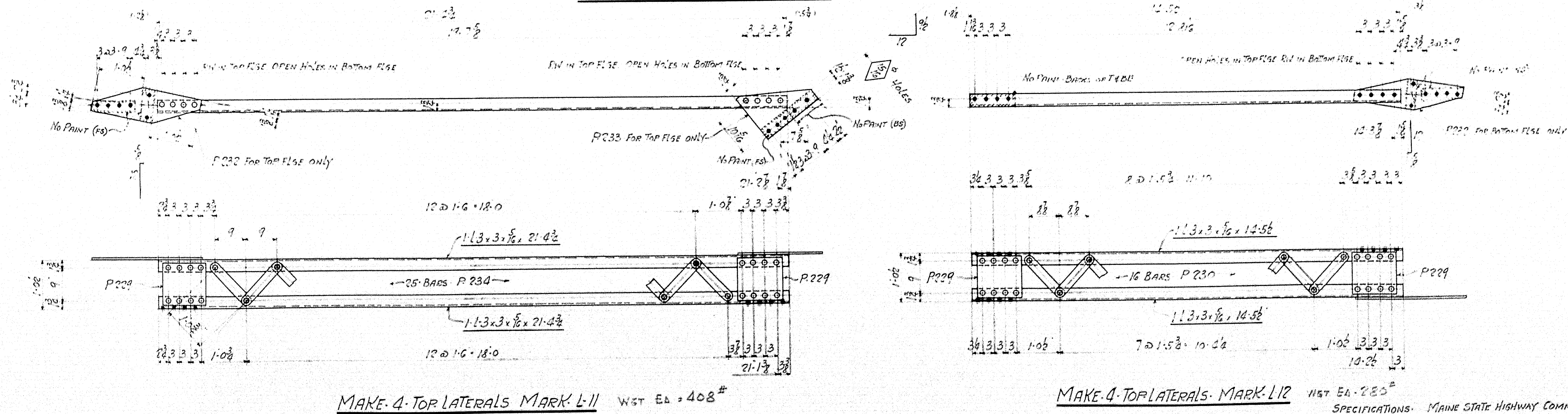
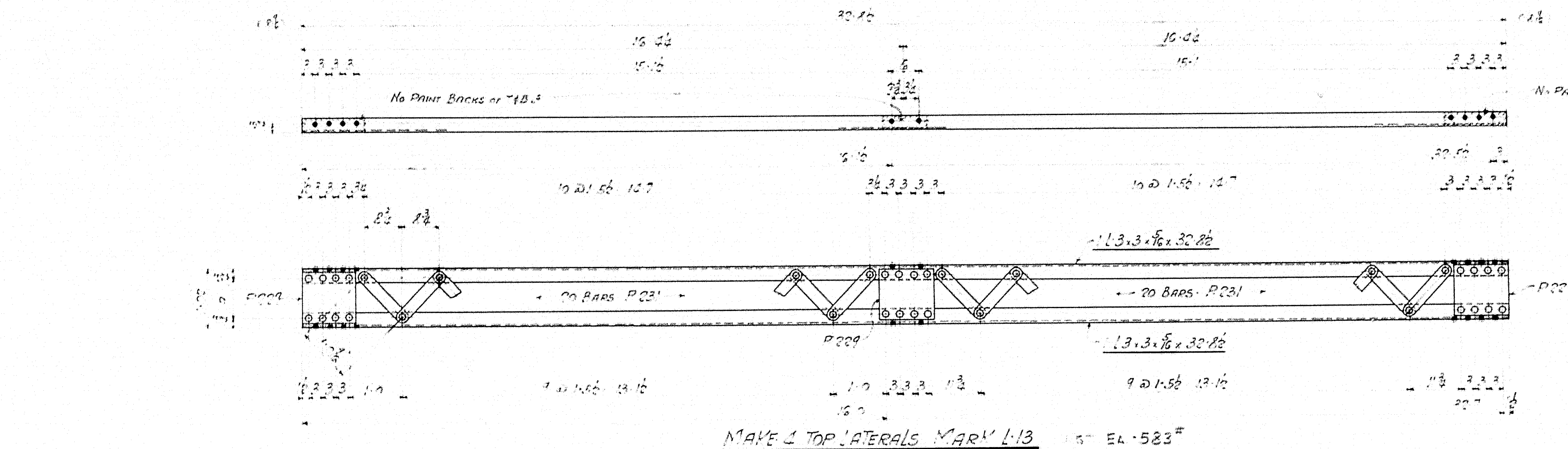
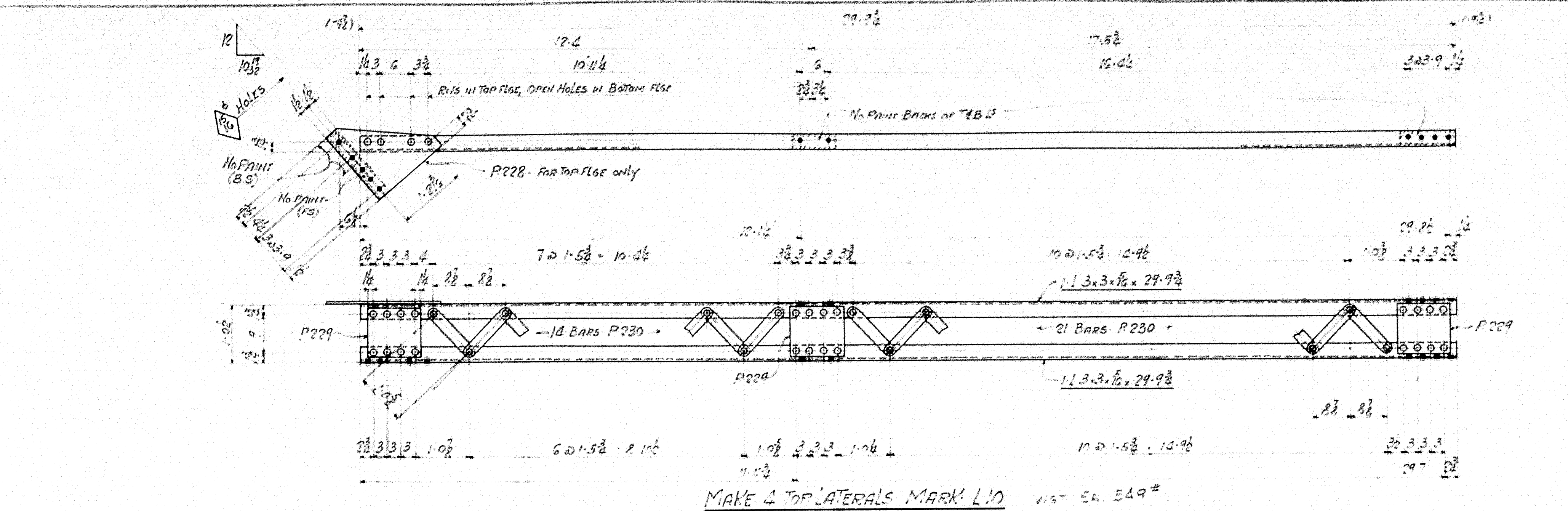
NOTES: 1-4 OPEN HOLES 1/2" ALL HOLES PUNCHED FULL SIZE PAINT - ONE SHOP COAT OF RED LEAD OIL UNLESS CONTACT SURFACES NOT PAINTED

TOTAL 3- STRAINERS OVER PLEASANT RIVER TO THE TOWN OF MILWAUKEE, WISCONSIN, MADE BY THE MAINE STATE HIGHWAY COMMISSION HANBIS STRUCTURAL STEEL CO. INC. NEW YORK CITY AND NEW MARKET, N. J. AEM 8/23/36 C976 SHEET NO. 8







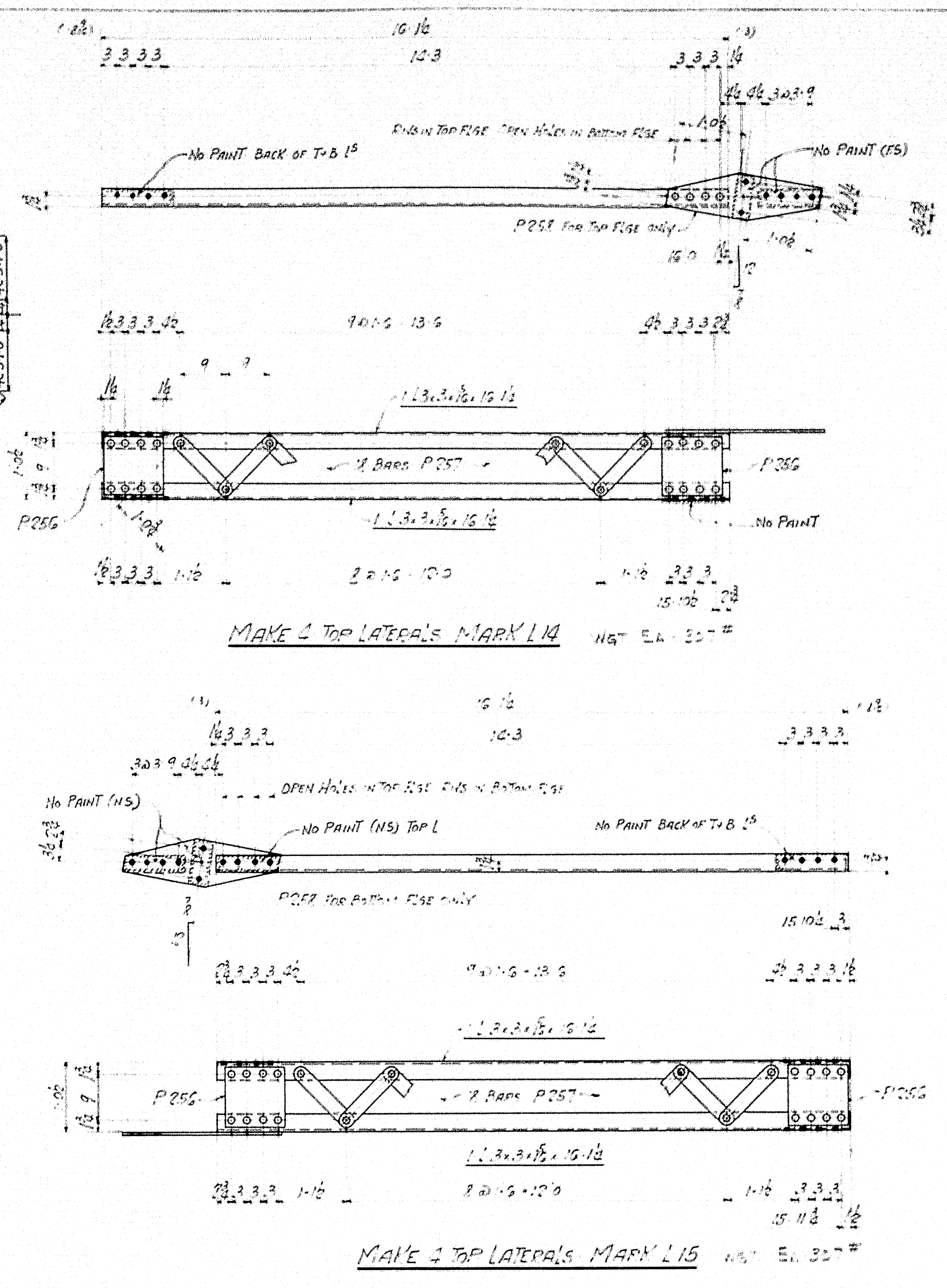
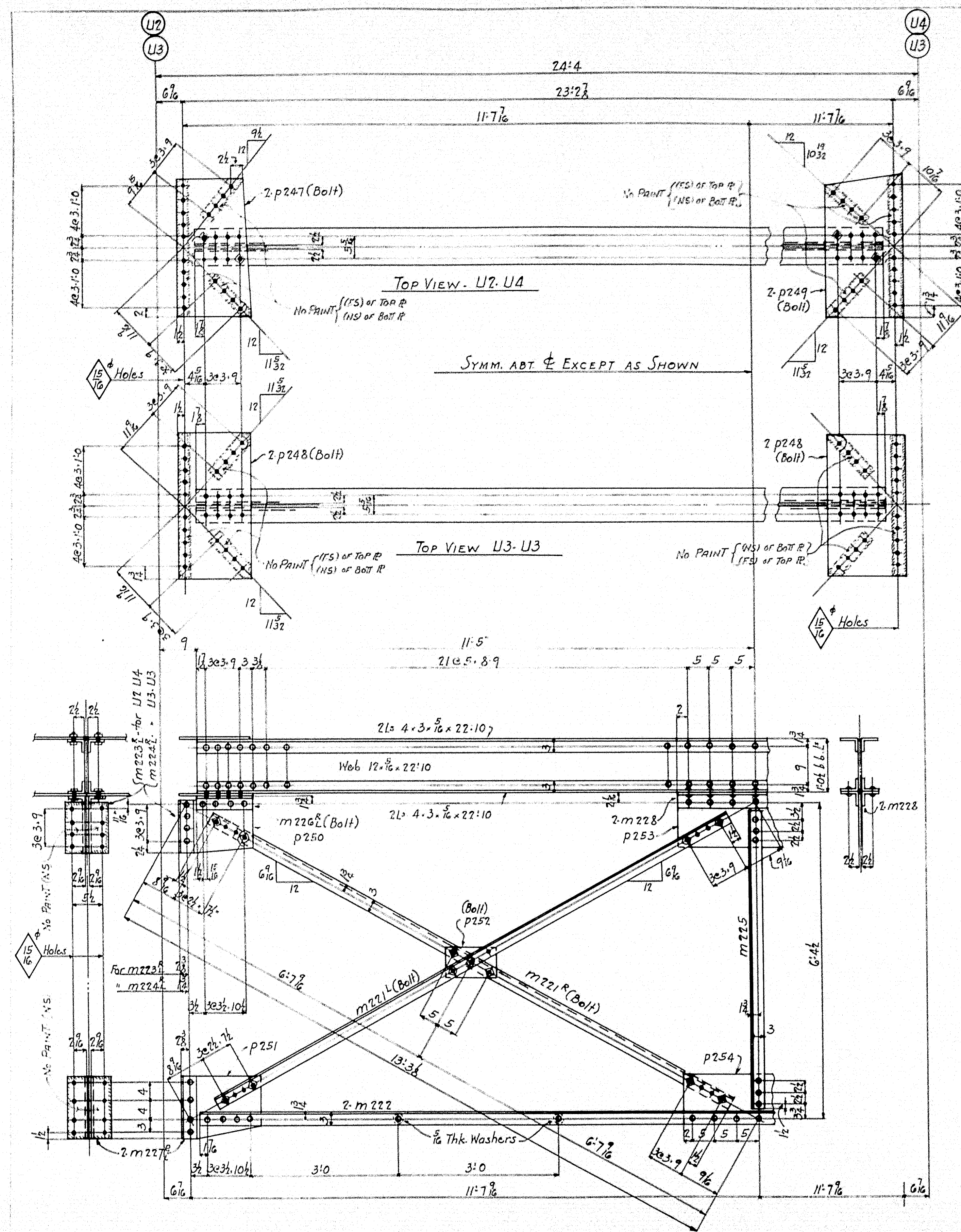


REQD NO MARK	NO RE MARK	MADE-UP OF SIZE	LENGTH	REMARKS	ORD	WGT
4	L10	8	13.3 x 1/2	29.7 1/2	(cut 30-1)	5288-37
		4	P228	17 x 1/2		8-19
		12	P229	17 x 1/2		3381-32
		160	P230	17 x 1/2		3381-31
		260	P231	17 x 1/2		
4	L13	8	13.3 x 1/2	32.8 1/2	(cut 32-1)	6388-36
		12	P227	17 x 1/2		1387-69
		160	P231	17 x 1/2		3381-69
		260	P232	17 x 1/2		
4	L11	8	13.3 x 1/2	21.0 1/2	(cut 21-1)	6178-38
		8	P227	17 x 1/2		1387-58
		6	P230	17 x 1/2		10-28
		4	P231	17 x 1/2		10-19
		120	P232	17 x 1/2		3381-64
		128	P233	17 x 1/2		
4	L12	8	13.3 x 1/2	14.5 1/2	(cut 14-1)	4-24
		8	P227	17 x 1/2		1387-52
		60	P230	17 x 1/2		3381-52
		4	P231	17 x 1/2		10-16
		128	P232	17 x 1/2		

NOTES:-  
 RIVETS 3/8" UNLESS NOTED OTHERWISE  
 OPEN HOLES 1/2"  
 ALL MATERIAL FINISHED FULL SIZE  
 PAINT: ONE SHARP SHOT OF RED LEAD + OIL (UNLESS NOTED OTHERWISE)  
 CONTACT SURFACES NOT PAINTED

TOTAL 2  
 SHEET TITLE: TOP LATERALS  
 DRAWING: REPAIR BRIDGE  
 LOCATION: OVER RIVER IN THE TOWN OF  
 MILA, PISCATAWAY CO. MAINE  
 PURCHASED: MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO., INC.  
 NEW YORK CITY AND NEW MARKET, N. J.  
 ORDER NO. 6976 SHEET NO. 10





NO.	MARK	QTY.	SIZE	LENGTH	REMARKS	ORD.	WGT.
4	U2-U4						
2	U3-U3						
6			Pls. 12x16	22'-10"	ORD 23-10		6-367-10
24			Pls. 4x3x1/2	22'-10"	ORD 23-10		6-368-10
12	m221		Pls. 17x1/2	22'-11"	ORD 23-11		6-368-11
8	p247		Pls. 17x1/2	22'-9"	ORD 23-11		6-368-11
8	p248		Pls. 17x1/2	22'-9"	ORD 23-11		6-368-11
8	p249		Pls. 17x1/2	22'-9"	ORD 23-11		6-368-11
16	m233		Pls. 4x4x1/2	11'-0"	ORD 23-11		6-368-11
8	m224		Pls. 4x3x1/2	11'-0"	ORD 23-11		6-368-11
6	m225		Pls. 12x16	6'-0"	ORD 23-11		6-368-11
24	m226		Pls. 12x16	11'-12"	ORD 23-11		6-368-11
24	m227		Pls. 12x16	11'-12"	ORD 23-11		6-368-11
12	m228		Pls. 12x16	22'-10"	ORD 23-11		6-368-11
12	p250		Pls. 17x1/2	11'-0"	ORD 23-11		6-368-11
12	p251		Pls. 17x1/2	11'-0"	ORD 23-11		6-368-11
12	p252		Pls. 17x1/2	11'-0"	ORD 23-11		6-368-11
6	p253		Pls. 17x1/2	22'-10"	ORD 23-11		6-368-11
6	p254		Pls. 17x1/2	22'-10"	ORD 23-11		6-368-11
1122			Riv. 3/4"				
60			Washers 3/4"	2			
120			Washers 3/4"	16			
24			Washers 3/4"	16			
4	L 14	2	13x3x1/2	16'-1/2"	ORD 23-11		4-23
8	P 255		Pls. 12x16	0 1/2"			15-20
72	P 257		Pls. 24x1/2	1-3/4"			6-367-10
4	P 258		Pls. 9x1/2	2-5/4"			15-26
156	Riv. 3/4"						
4	L 15	2	13x3x1/2	16'-1/2"	ORD 23-11		4-23
8	P 255		Pls. 12x16	0 1/2"			15-20
72	P 257		Pls. 24x1/2	1-3/4"			6-367-10
4	P 258		Pls. 9x1/2	2-5/4"			15-26
156	Riv. 3/4"						

NOTES

ENDS 3/4" (UNLESS NOTED OTHERWISE)

OPEN HOLES 1/2"

ALL MATERIAL FINISH FULL SIZE

PAINT: ONE SHIP COAT OF RED LEAD OIL

UNLESS NOTED

CONTACT SURFACES NOT PAINTED

DESIGNED BY: HARRIS STRUCTURAL STEEL CO., INC.

NEW YORK CITY AND NEW MARKET, N. Y.

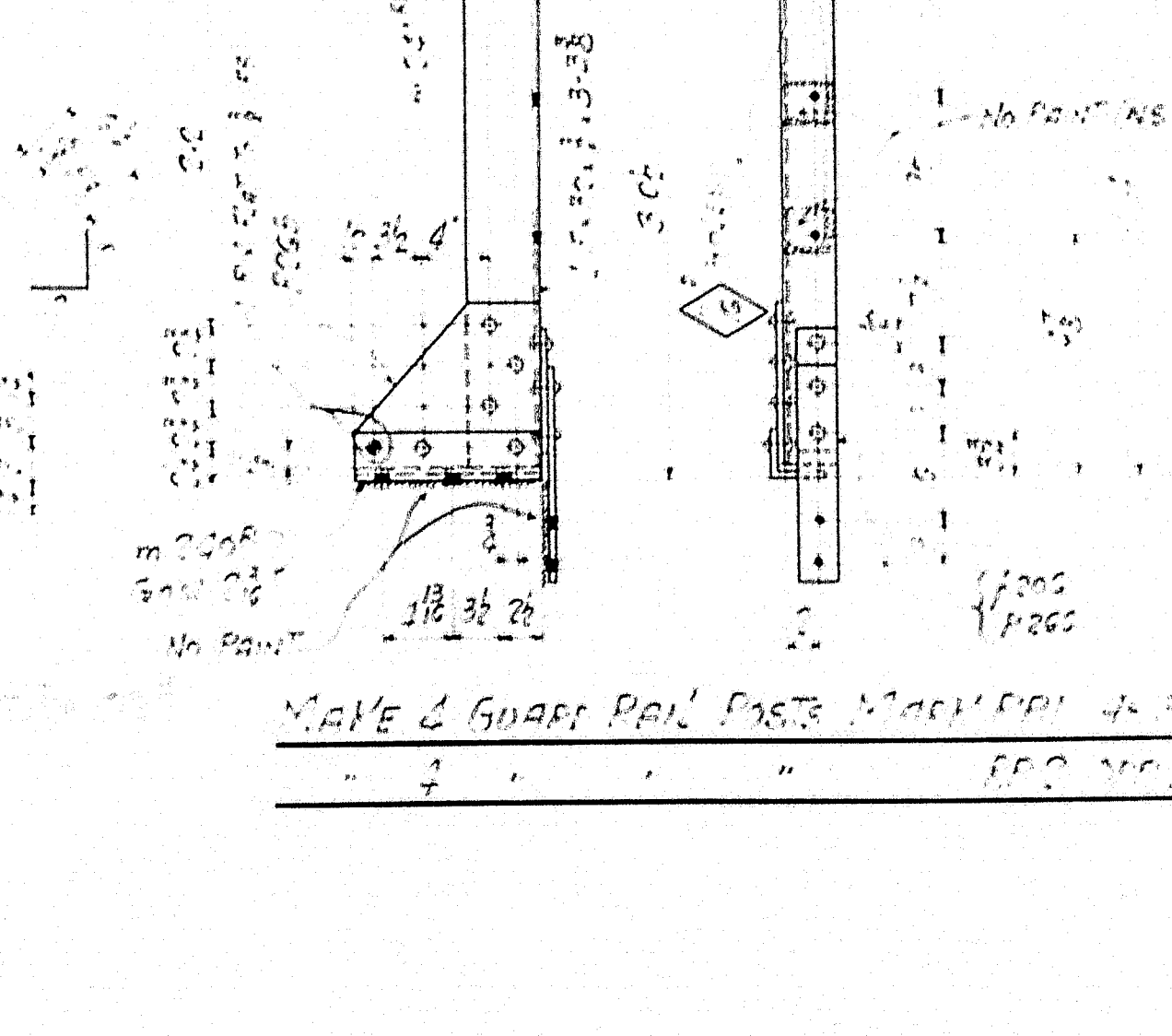
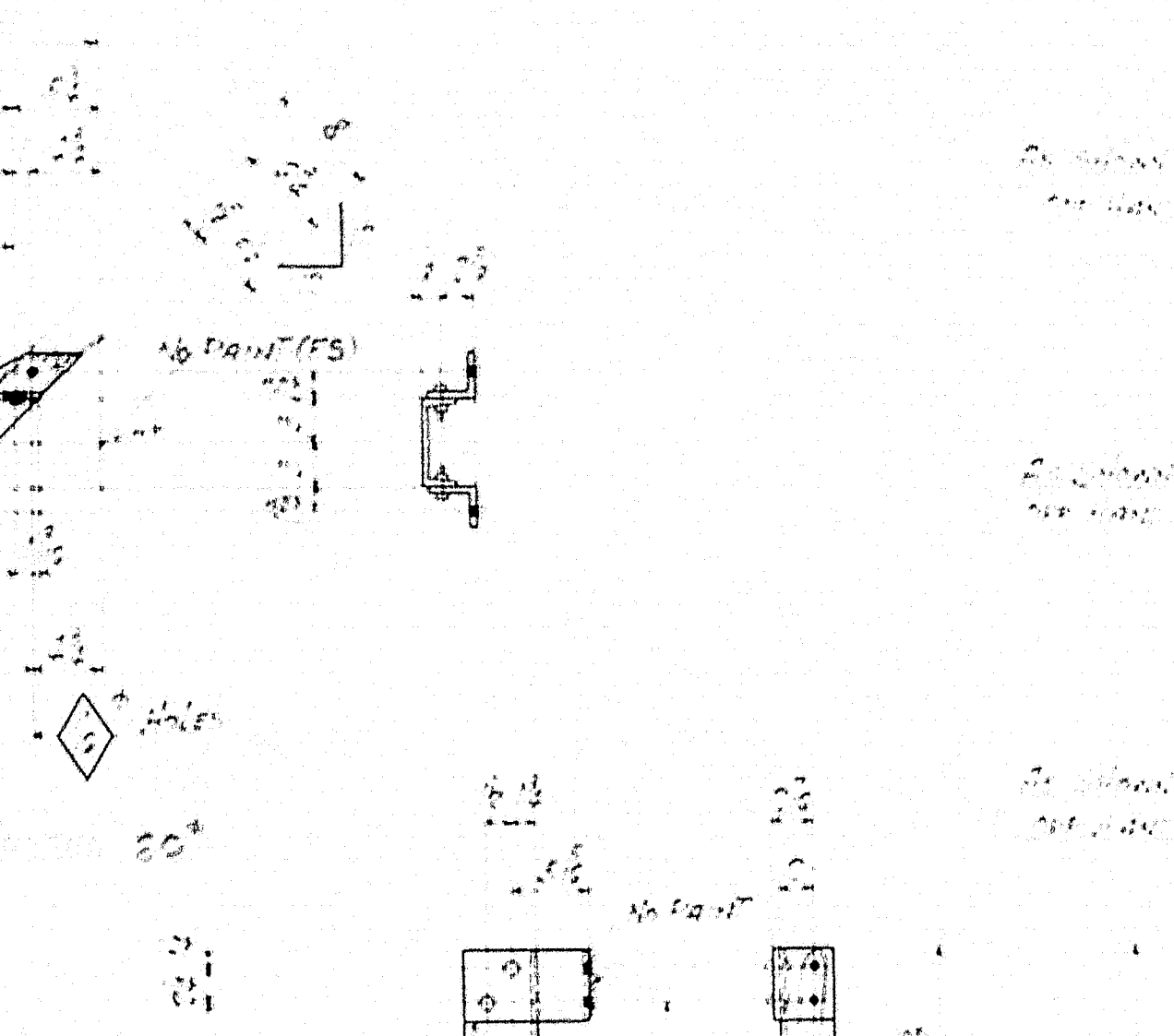
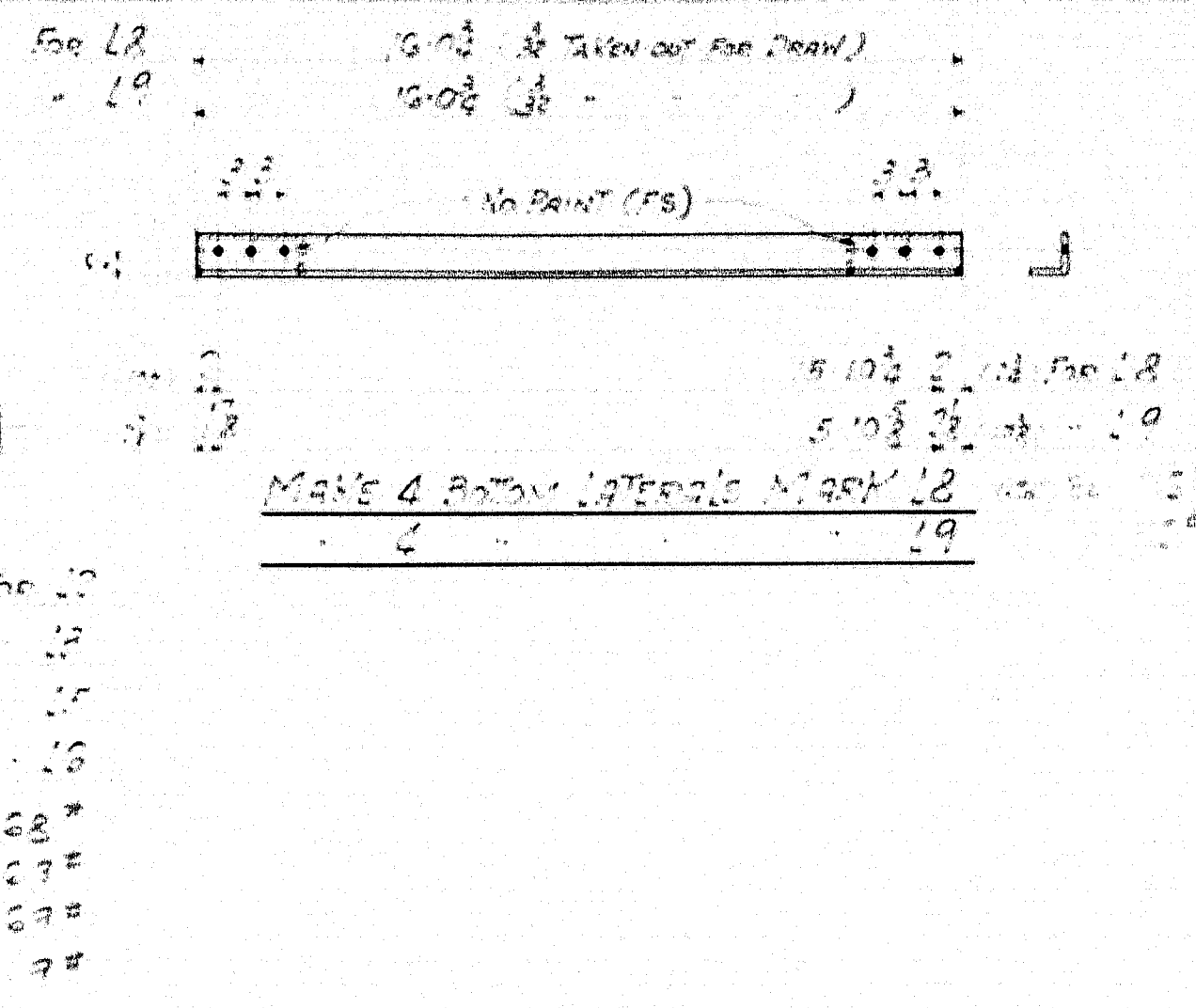
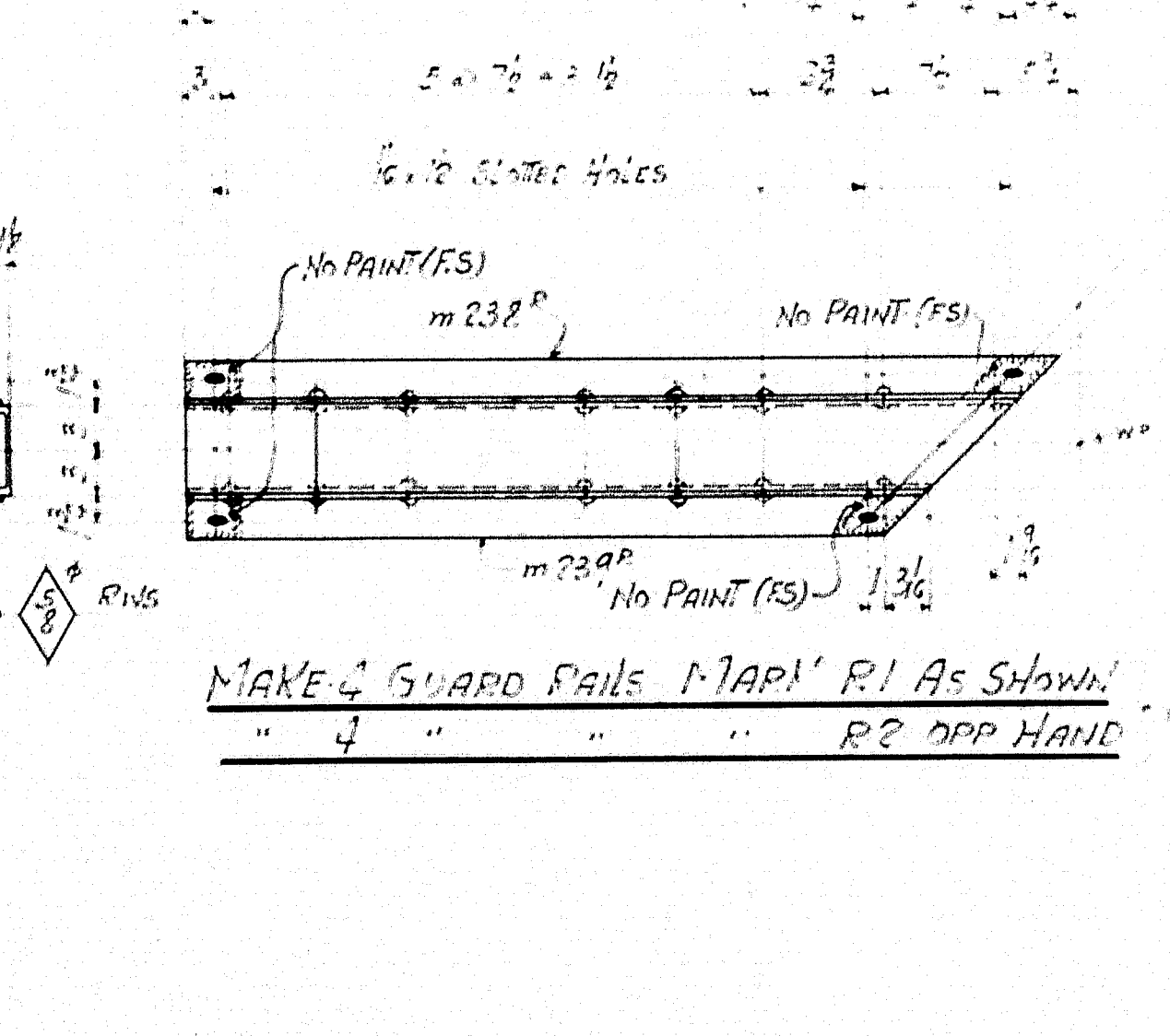
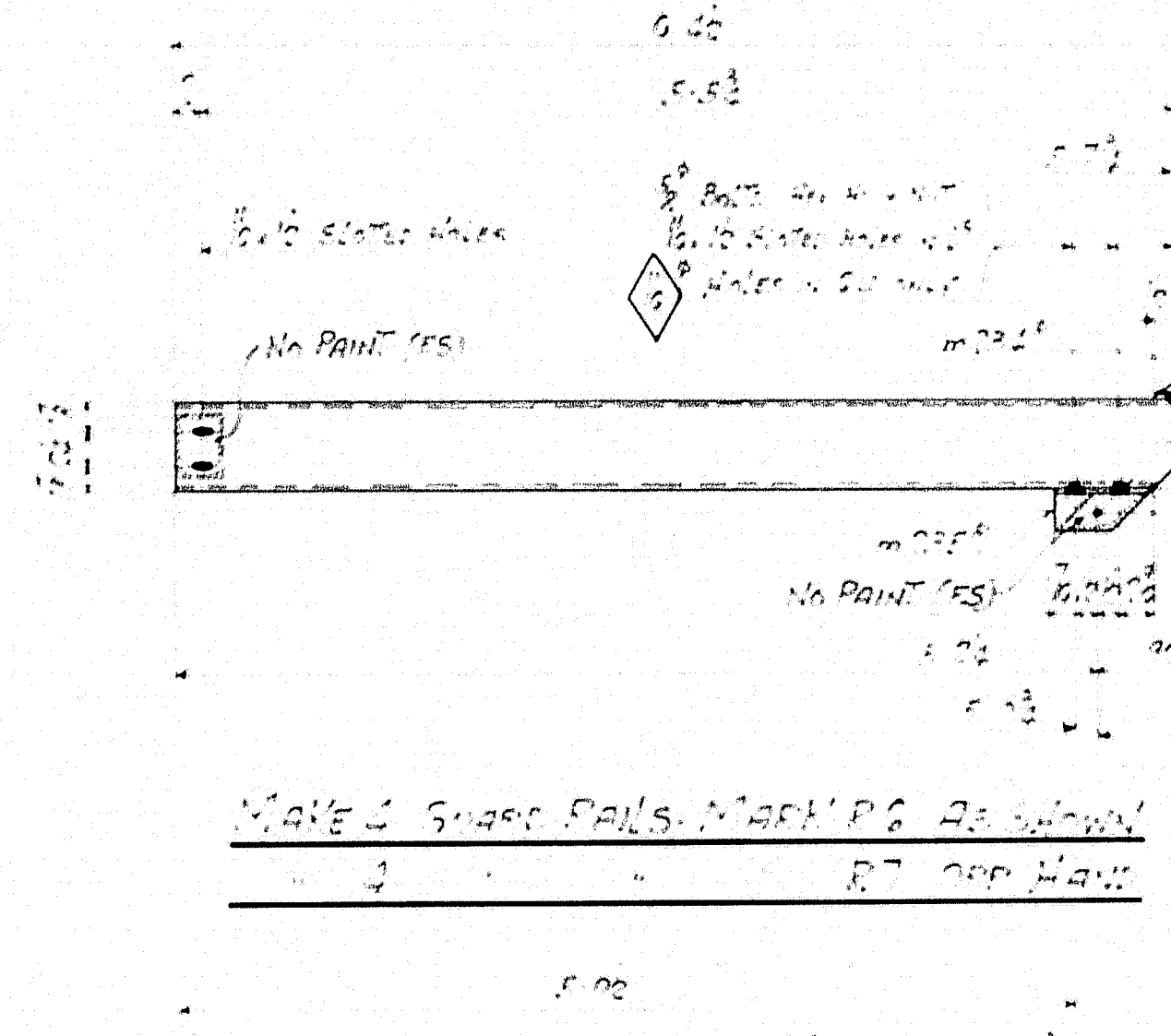
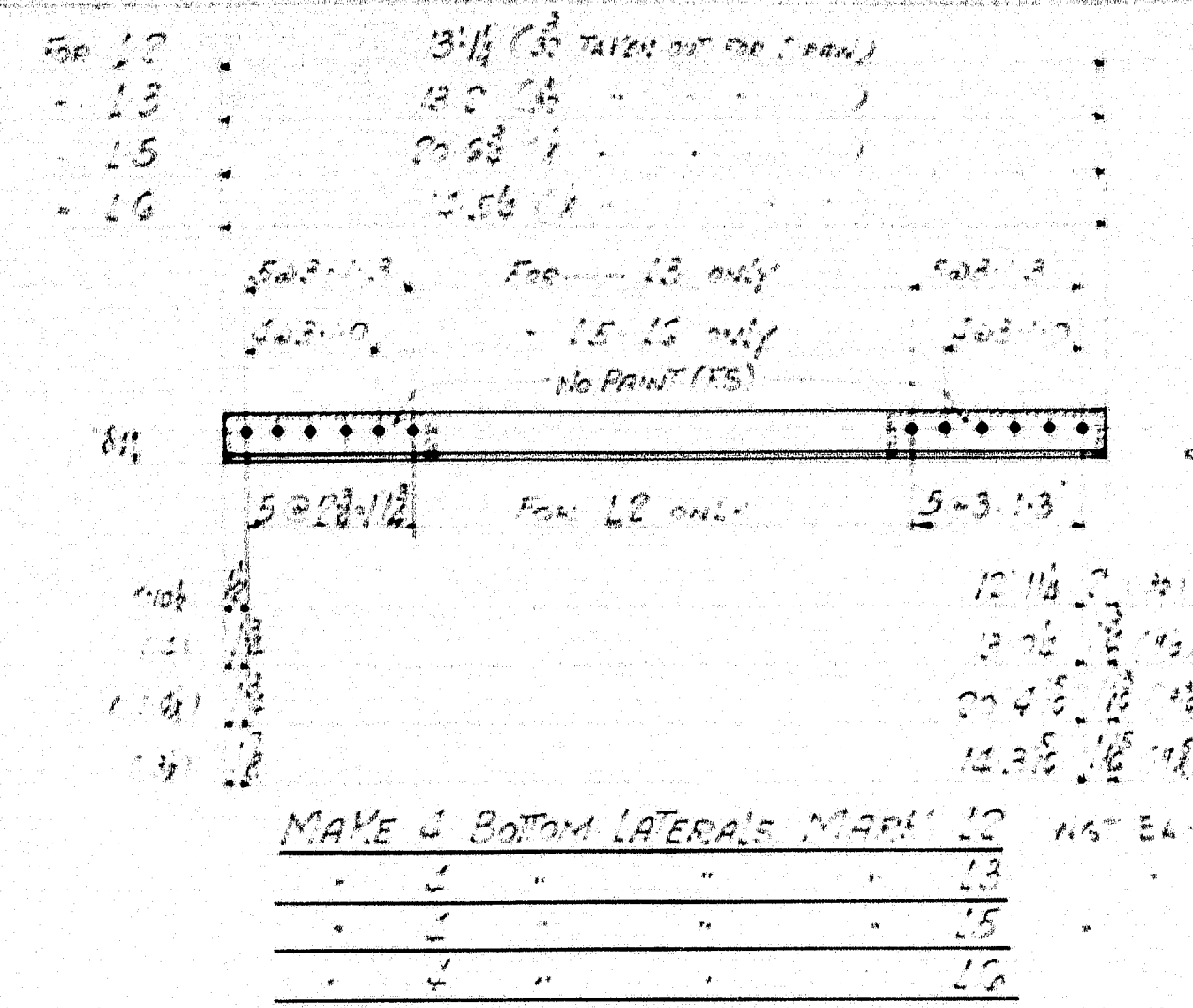
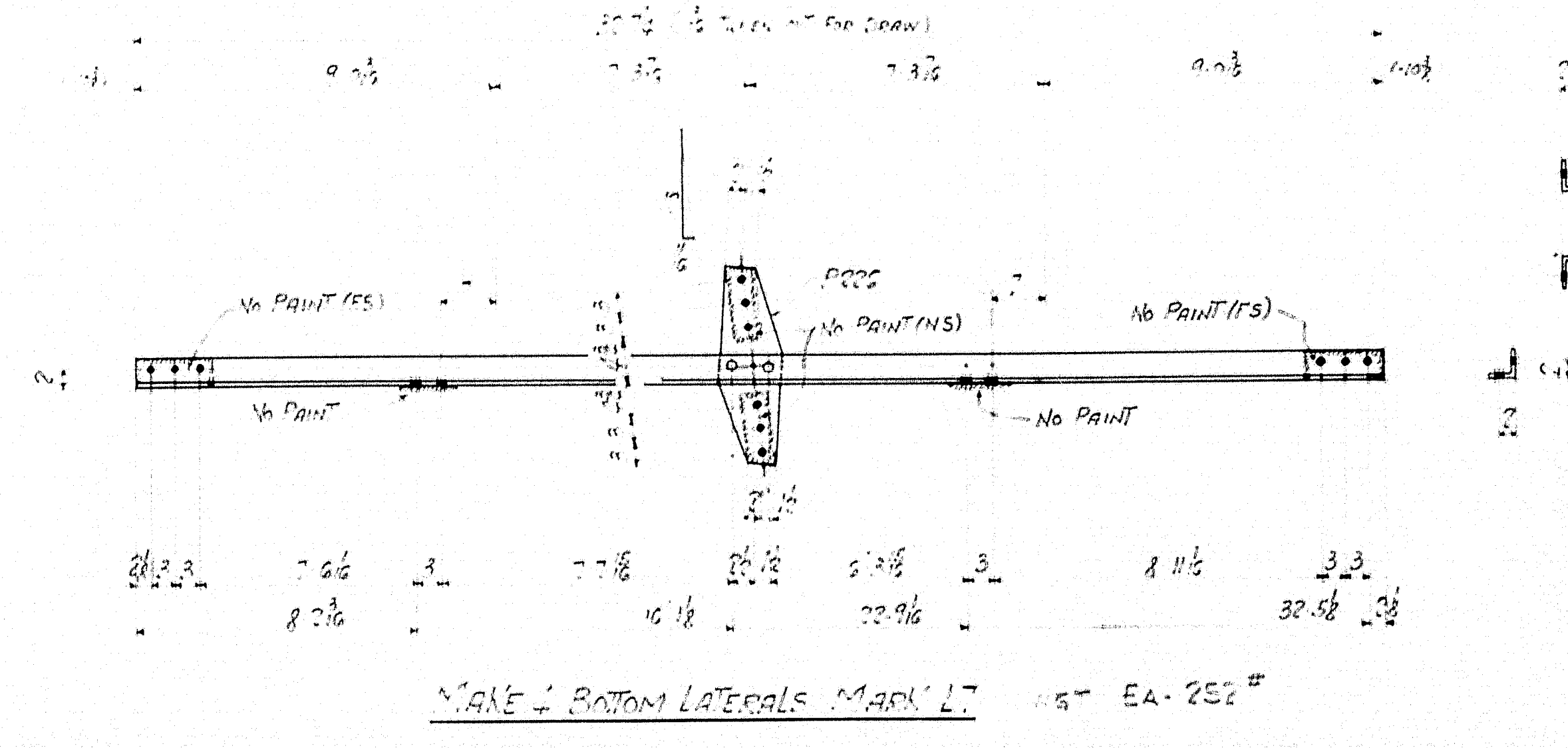
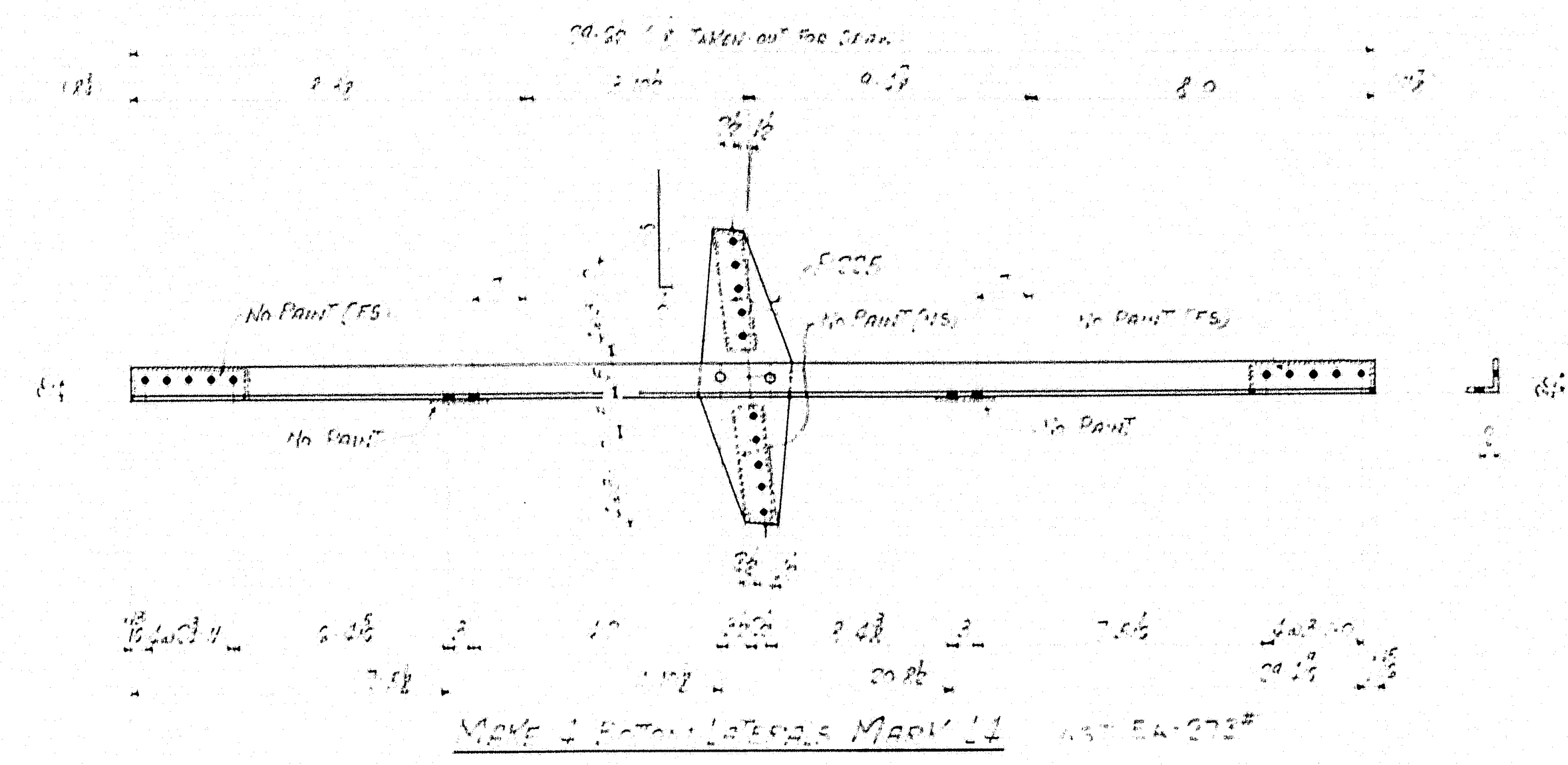
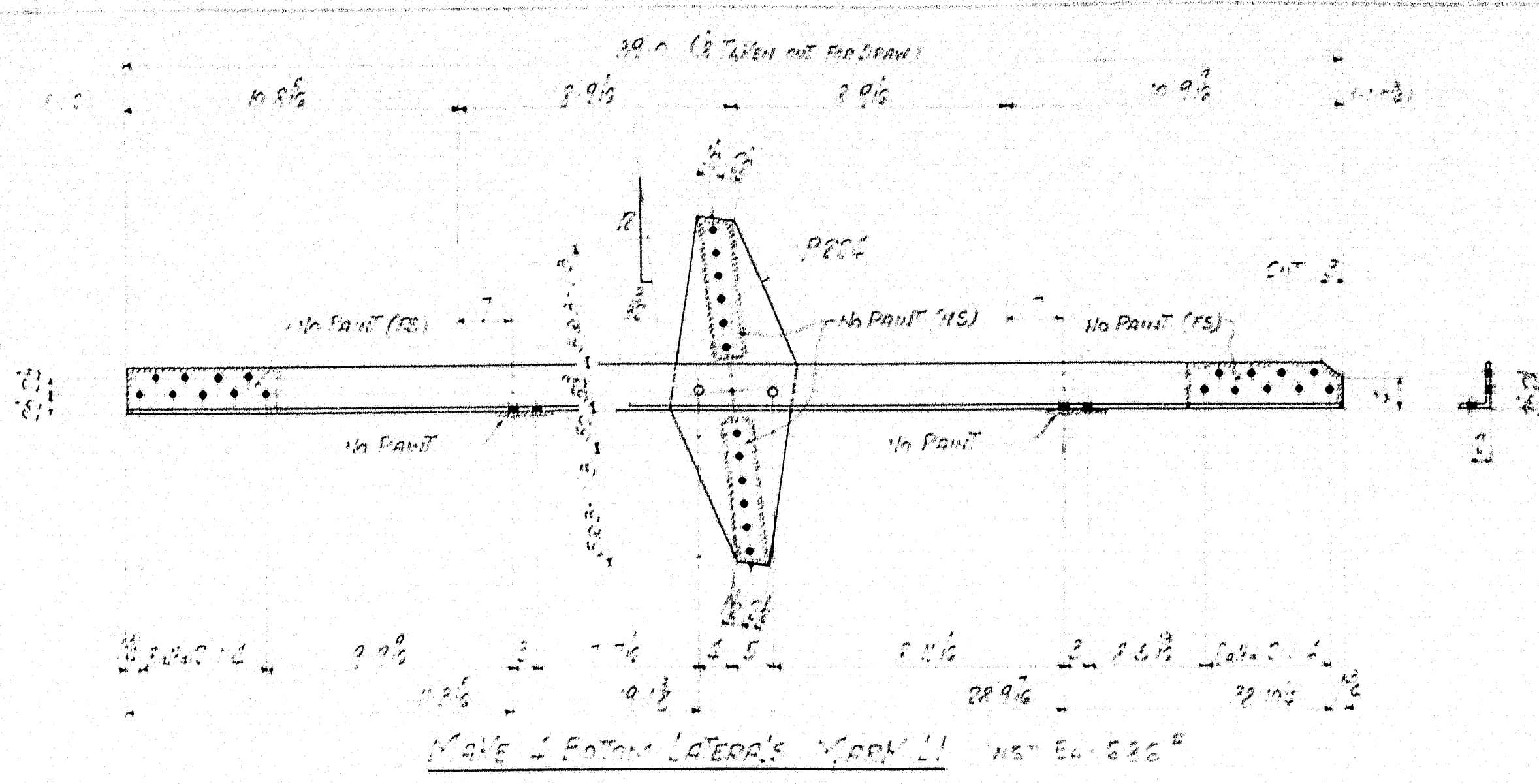
CONTRACT NO. 11

SHEET NO. 11

SPECIFICATIONS, MAINE STATE HIGHWAY COMMISSION

STATE HIGHWAY BRIDGES, 1936





REQ'D	NO. MARK	NO. P.C.C.	SIZE	LENGTH	REMARKS	ORD	WGT.
4	L1	4	16x16	39'-0"		2-288-24	
4	L2	4	16x16	37'		10-16	
4	L3	4	16x16	29'-06"		2-288-27	
4	L4	4	16x16	31'		10-25	
4	L5	4	16x16	37'-06"		2-288-24	
4	L6	4	16x16	30'-06"		10-27	
4	L7	4	16x16	37'-06"		2-288-24	
4	L8	4	16x16	30'-06"		10-27	
4	L9	4	16x16	37'-06"		2-288-24	
4	L10	4	16x16	30'-06"		10-27	
4	L11	4	16x16	37'-06"		2-288-24	
4	L12	4	16x16	30'-06"		10-27	
4	L13	4	16x16	37'-06"		2-288-24	
4	L14	4	16x16	30'-06"		10-27	
4	L15	4	16x16	37'-06"		2-288-24	
4	L16	4	16x16	30'-06"		10-27	
4	L17	4	16x16	37'-06"		2-288-24	
4	L18	4	16x16	30'-06"		10-27	
4	L19	4	16x16	37'-06"		2-288-24	
4	L20	4	16x16	30'-06"		10-27	
4	L21	4	16x16	37'-06"		2-288-24	
4	L22	4	16x16	30'-06"		10-27	
4	L23	4	16x16	37'-06"		2-288-24	
4	L24	4	16x16	30'-06"		10-27	
4	L25	4	16x16	37'-06"		2-288-24	
4	L26	4	16x16	30'-06"		10-27	
4	L27	4	16x16	37'-06"		2-288-24	
4	L28	4	16x16	30'-06"		10-27	
4	L29	4	16x16	37'-06"		2-288-24	
4	L30	4	16x16	30'-06"		10-27	
4	L31	4	16x16	37'-06"		2-288-24	
4	L32	4	16x16	30'-06"		10-27	
4	L33	4	16x16	37'-06"		2-288-24	
4	L34	4	16x16	30'-06"		10-27	
4	L35	4	16x16	37'-06"		2-288-24	
4	L36	4	16x16	30'-06"		10-27	
4	L37	4	16x16	37'-06"		2-288-24	
4	L38	4	16x16	30'-06"		10-27	
4	L39	4	16x16	37'-06"		2-288-24	
4	L40	4	16x16	30'-06"		10-27	
4	L41	4	16x16	37'-06"		2-288-24	
4	L42	4	16x16	30'-06"		10-27	
4	L43	4	16x16	37'-06"		2-288-24	
4	L44	4	16x16	30'-06"		10-27	
4	L45	4	16x16	37'-06"		2-288-24	
4	L46	4	16x16	30'-06"		10-27	
4	L47	4	16x16	37'-06"		2-288-24	
4	L48	4	16x16	30'-06"		10-27	
4	L49	4	16x16	37'-06"		2-288-24	
4	L50	4	16x16	30'-06"		10-27	

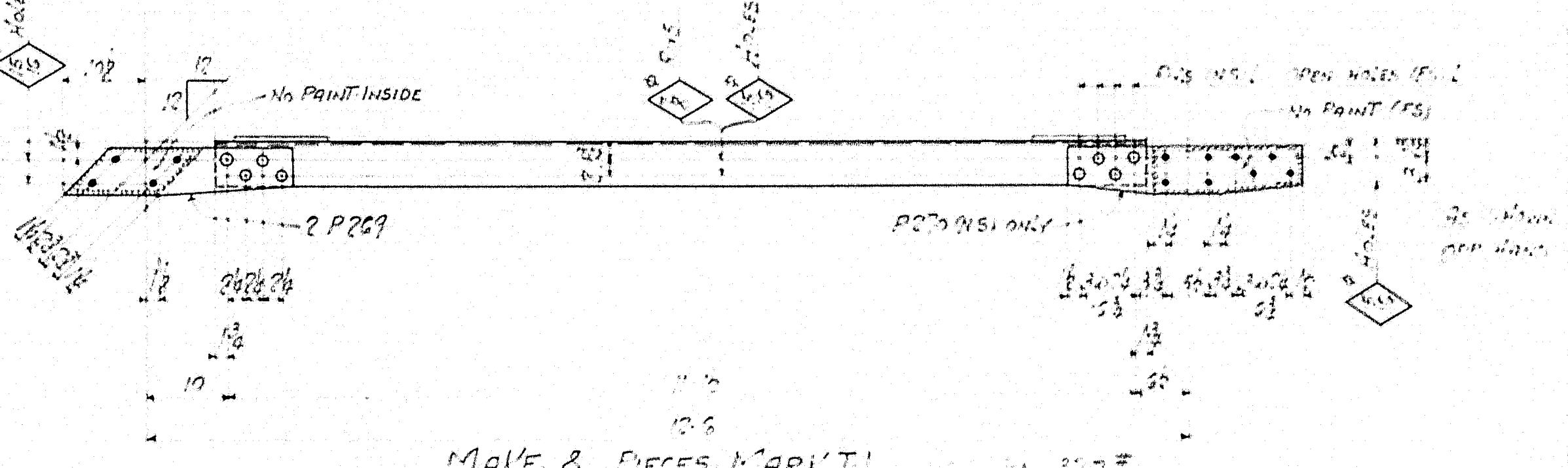
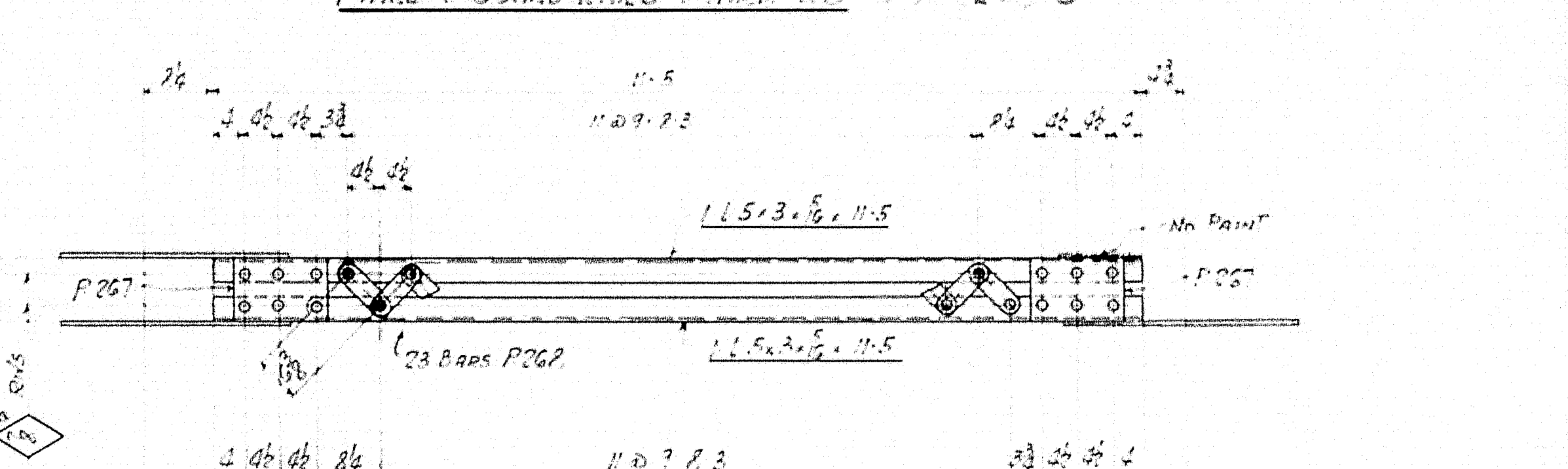
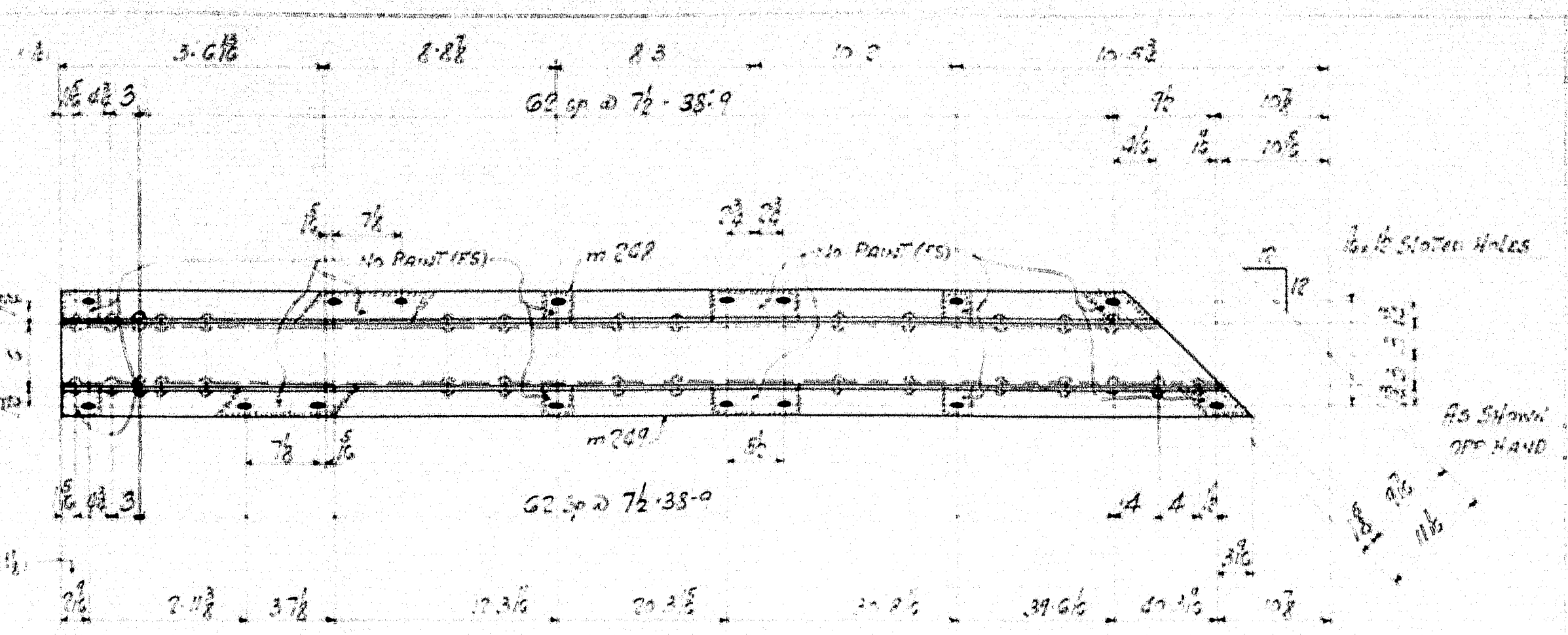
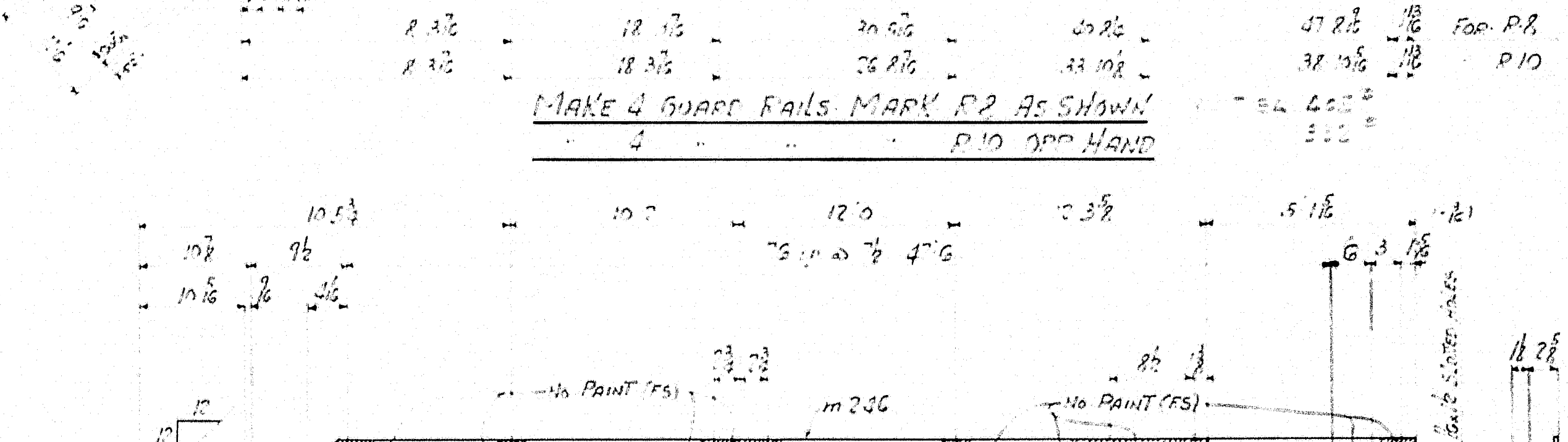
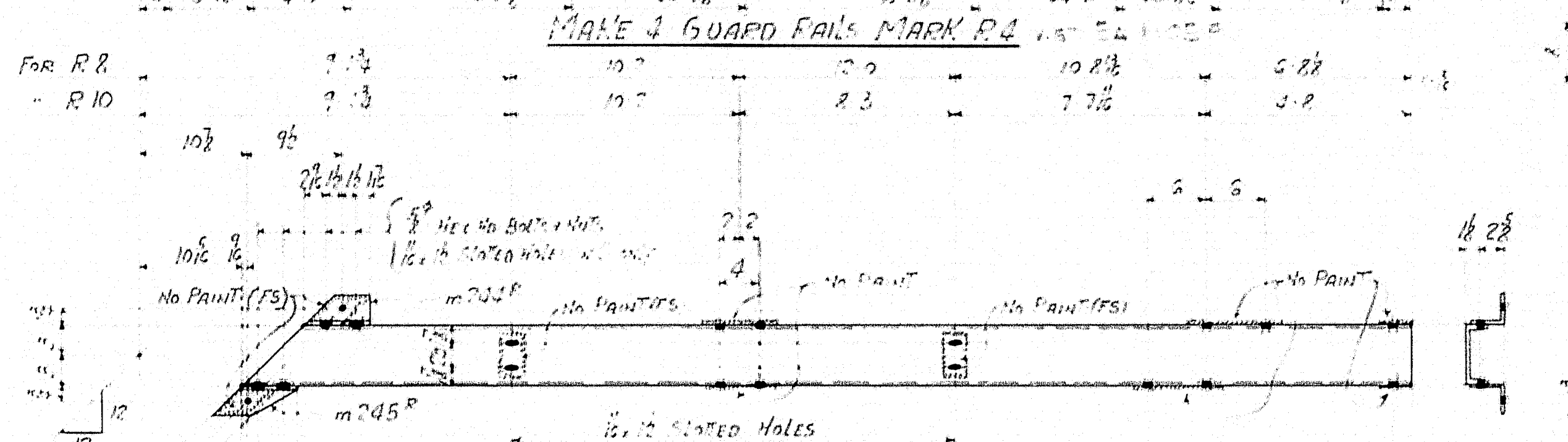
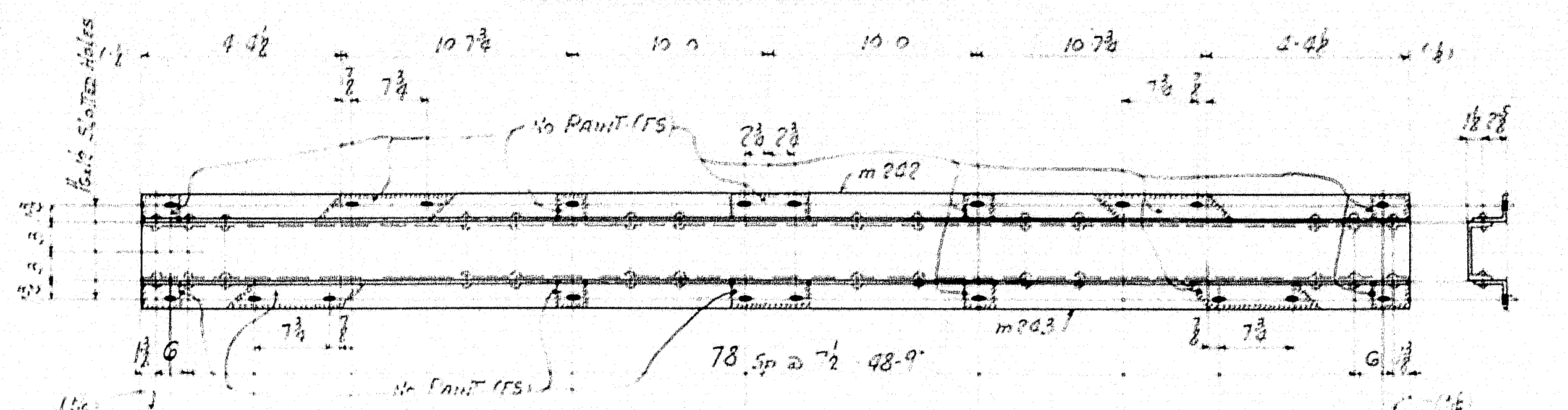
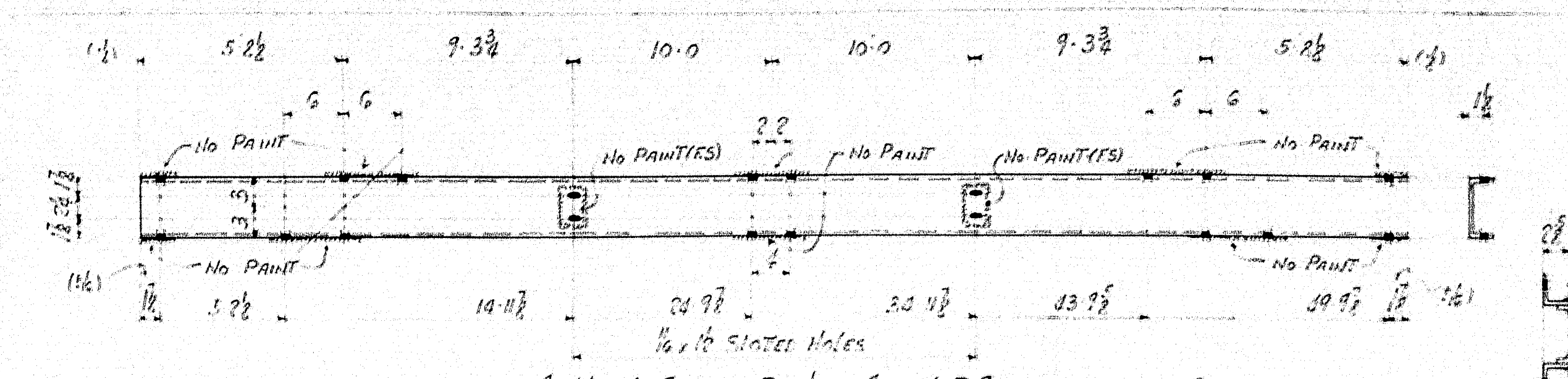
Notes:  
 1. All holes 1/2" diameter unless otherwise noted.  
 2. All material furnished by the contractor.  
 3. Paint: One coat of red lead paint on all surfaces unless noted.  
 4. Contact surfaces to be painted.

MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO., INC.  
 NEW YORK CITY AND NEW MARKET, N. J.

ORDER NO. C-976 SHEET NO. 12

SPECIFICATIONS MAINE STATE HIGHWAY COMMISSION  
 STEEL HIGHWAY BRIDGES-1936





REQ'D	NO	PC MK	SIZE	LENGTH	REMARKS	ORD	WGT
4	R 9	4	GU 88	49.11 1/2	(cut 50.3)	6-288-1	
4	R 1	4	GU 88	49.11 1/2	(cut 50.3)	Do	
		4	m 222	1.36 x 3.75	Do	6-288-15	
		4	m 223	1.36 x 3.75	Do	Do	
4	R 8	4	GU 88	47.10 3/4	(cut 48.2)	6-288-3	
4	R 10	4	Do	39.12	(cut 39.3)	6-288-5	
		8	m 222	1.36 x 3.75	Do	5-25	
		8	m 223	1.36 x 3.75	Do	5-25	
		32	A-13	3/4 x 1 1/2	Do		
4	R 3	4	GU 88	49.11 1/2	(cut 50.3)	6-288-2	
		4	m 222	1.36 x 3.75	(cut 48.2)	6-288-17	
		4	m 223	1.36 x 3.75	(cut 48.2)	6-288-16	
		640	F-16	3/4	Do		
4	R 5	4	GU 88	47.10 3/4	(cut 48.2)	6-288-4	
		4	m 222	1.36 x 3.75	(cut 48.2)	6-288-19	
		4	m 223	1.36 x 3.75	(cut 48.2)	6-288-18	
		608	F-16	3/4	Do		
8	R 1	16	1.5 x 3.75	11.5		6-288-24	
		16	F-27	8.8 x 1.5	Do	4-10	
		16	F-27	8.8 x 1.5	Do	6-288-64	
		16	F-27	8.8 x 1.5	Do	6-288-60	
		32	F-16	3/4	Do		
12	R 2	12	1.5 x 3.75	6.5		5-9	
		12	1.5	6.5		5-9	
		24	m 222	1.36 x 3.75	Do		
		24	m 223	1.36 x 3.75	Do		
		24	F-27	8.8 x 1.5	Do		
		24	F-27	8.8 x 1.5	Do		

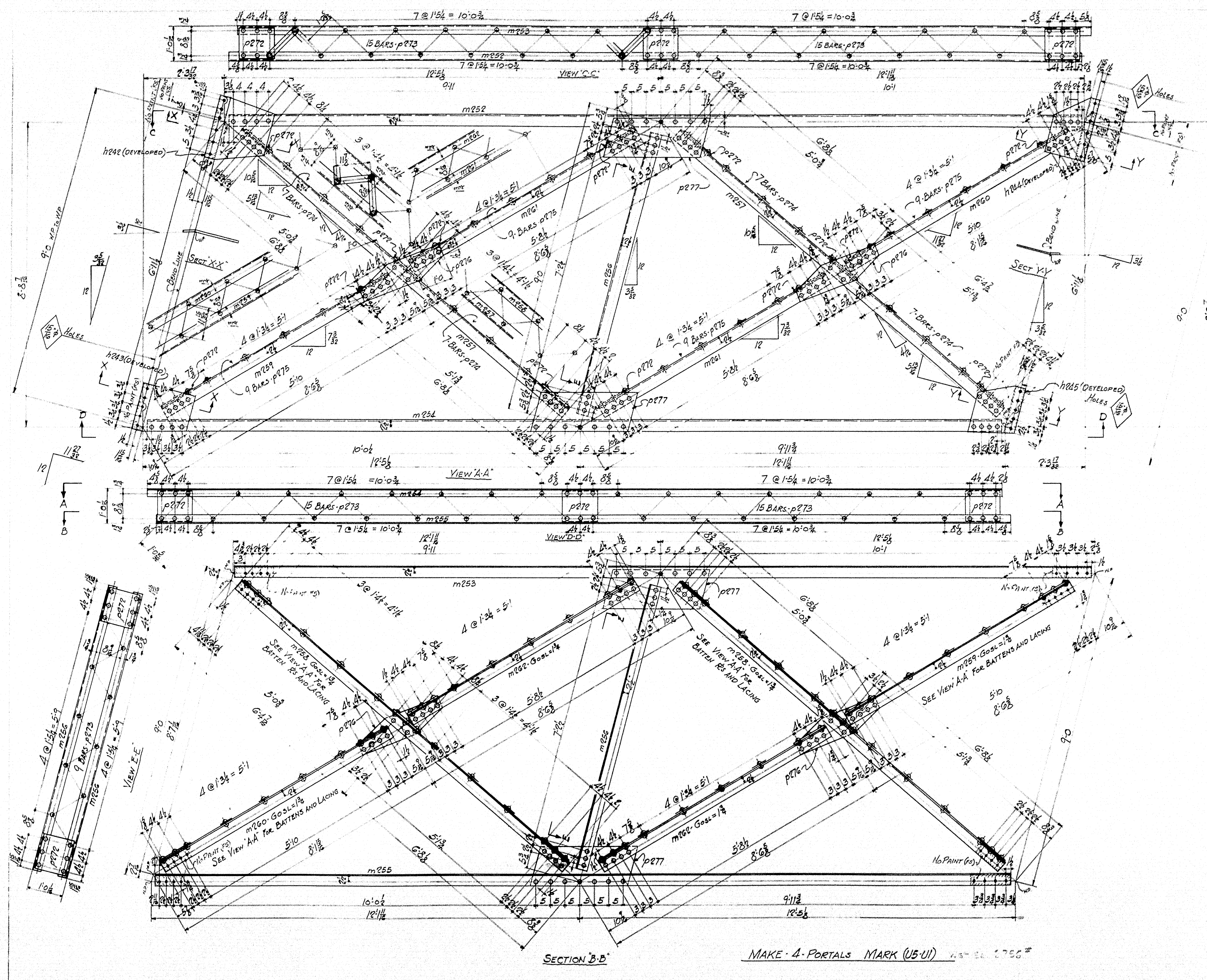
Notes:  
 Rivets 5/8"  
 open Holes 1 1/2"  
 All Material Furnish 1/2" Dia  
 Paint One Shop Coat on the Inside & Outside Unless Noted.  
 Contact Surfaces 1/2" Thick

GUARD RAIL - 12 PIECES T1  
 PLEASANT RIVER BRIDGE  
 OVER PLEASANT RIVER IN THE TOWN  
 OF MILLS, PISCATAQUIS CO. MAINE  
 MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO., INC.  
 NEW YORK CITY AND NEW MARKET, N. J.

SPECIFICATIONS, MAINE STATE HIGHWAY COMMISSION  
 STATE HIGHWAY BRIDGES, 1936

JS  
 AR 5/24/36  
 C976 SHEET NO. 13





REQ'D	NO	PK	MADE UP OF	REMARKS	ORD	WGT
NO	MARK	PK	SIZE	LENGTH		
4	(U5-U1)					
4	m252		14.3x12	24'4"	Cur 24'6"	27.50
4	m253		do	24'4"	do	27.50
88	p272		2 1/2"	1'0"	do	281.50
876	p273		Bars 24x6	1'3"	do	281.50
4	m254		14.3x12	24'4"	Cur 24'6"	27.50
4	m255		do	24'4"	do	27.50
8	m256		do	8'3"	do	1.15
8	m257		do	12'2"	Cur 12'7"	1.15
8	m258		do	12'2"	do	1.15
112	p274		Bars 24x6	1'2"	do	27.50
8	m259		14.3x12	7'5"	Cur 7'7"	1.15
8	m260		do	7'5"	do	1.15
144	p275		Bars 24x6	1'2"	do	27.50
8	m261		14.3x12	7'5"	Cur 7'7"	1.15
8	m262		do	7'5"	do	1.15
16	p276		2 1/2"	2'8"	do	27.50
16	p277		2 1/2"	3'0"	do	27.50
4	m242		22x8	1'7"	Bent	27.50
4	m243		22x8	1'6"	do	27.50
4	m244		22x8	1'2"	do	27.50
4	m245		22x8	1'3"	do	27.50
1600	P.L.		3/4"			

NOTES  
 RIVETS 3/4" HOLES 1 1/8" UNLESS NOTED  
 PAINT ONE SHIPCOAT RED LEAD AND L UNLESS NOTED  
 CONTACT SURFACES NOT TO BE PAINTED

SPECIFICATIONS - MAINE STATE HIGHWAY COMMISSION  
 STEEL HIGHWAY BRIDGES 1919

PORTALS (U5-U1)  
 PLEASANT RIVER BRIDGE  
 OVER PLEASANT RIVER IN THE TOWN  
 OF MILO - PISCATAQUIS CO. MAINE  
 MAINE STATE HIGHWAY COMMISSION  
 HARRIS STRUCTURAL STEEL CO. INC.  
 140 NORTH CITY AND NEW MARKET, N. J.  
 AUG 1927  
 C970 SHEET NO. 14