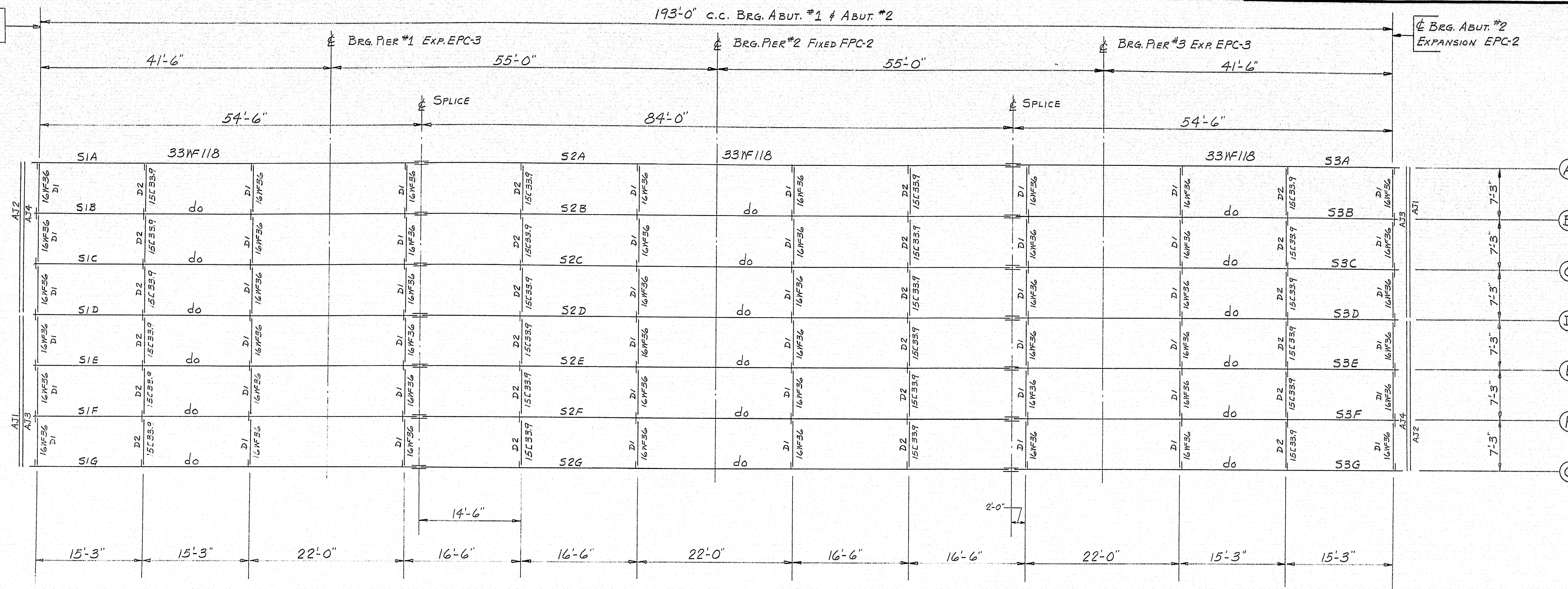


CL BRG. ABUT. #1  
EXPANSION EPC-2

193'-0" C.C. BRG. ABUT. #1 & ABUT. #2

CL BRG. ABUT. #2  
EXPANSION EPC-2



FRAMING PLAN

NOTE

All structural Steel shall conform to the latest revisions of the specification A.S.T.M. A36 unless noted on standard details.

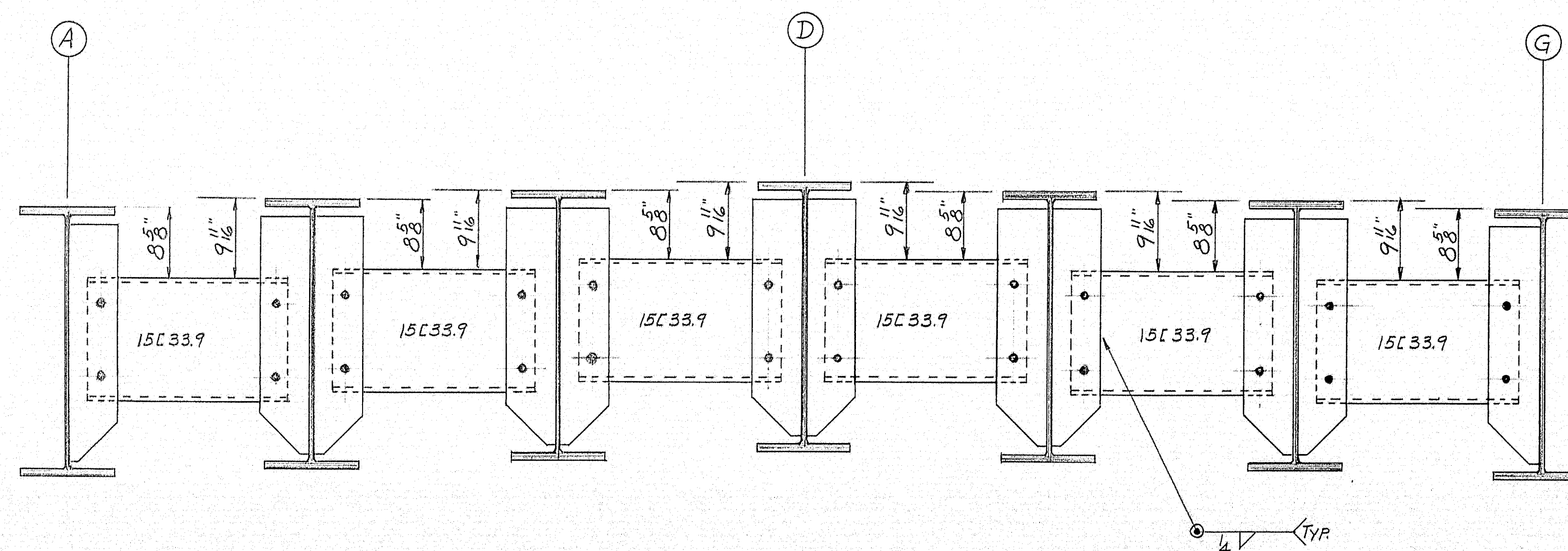
Bolts for splices shall be ASTM A325 7/8" heavy hexagon structural bolts with heavy semi-finished hexagon nuts and one hardened washer.

Holes in stringers shall be for high strength bolts, they are to be free from burrs, there shall be no paint with in three inches from such holes.

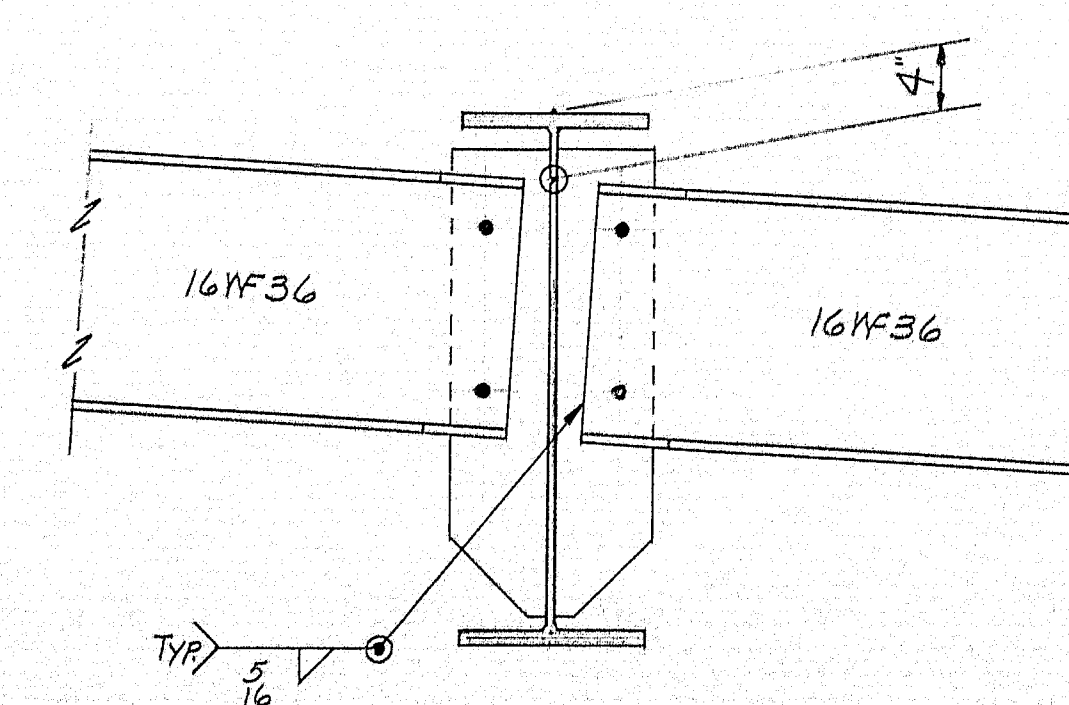
Sub punch or drill 11/16"; ream assembled (not with template) parts to be connected in field to 15/16" or drill from solid.

Match mark all parts before disassembling and supply Engineer with a diagram showing match marks.

Fabricate and erect in accordance with M.S.H.C. standard specifications.



DIAPHRAGM CONNECTIONS



DIAPHRAGM CONNECTION

SHOP CONNECTIONS: WELD E70 LOW-HYDROGEN  
FIELD CONNECTIONS: 3/4" H.S. BOLTS  
HOLES: AS NOTED  
PAINT: STATE OF MAINE SPEC'S.

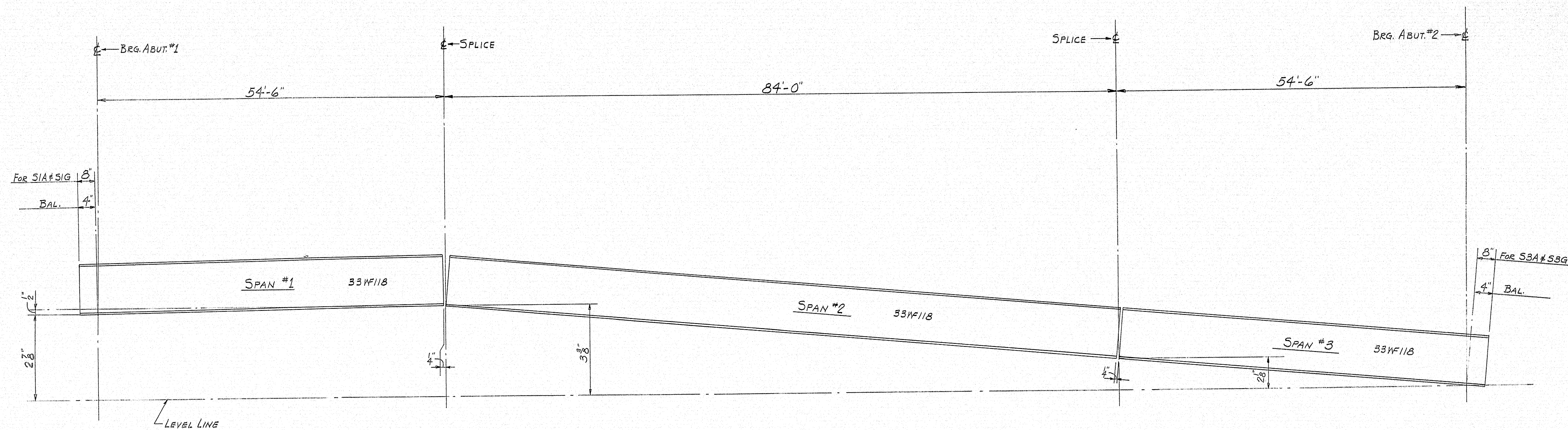
PROJ. NO. I-IG-95-9(43) 272

Apr. 10-31-66

FRAMING PLAN			
PRINT ISSUE		Bancroft & Martin Inc. Brewer, Maine	
5	SH.C.	11-1-66	I-95 OVER B&A R.R. & EXISTING RT. 159
3	CUST.	11-1-66	ISLAND FALLS, MAINE
2	SHOP	11-1-66	
3	F.A.	10-26-66	
DRAWN		10-20-66	C.J.M.
REVISION			CUSTOMER REED & REED
REVISION			DESIGNER M.S.H.C.
REVISION			ORDER VERBAL
			DWG. B66-248-E1

97-135





ELEVATIONS

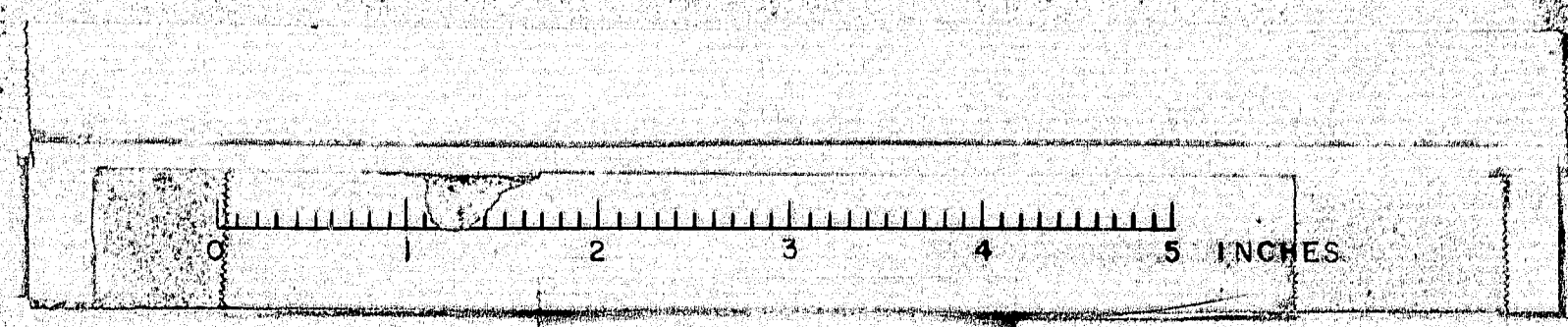
SHOP CONNECTIONS: WELD  
 FIELD CONNECTIONS: 3/8" H.S. BOLTS  
 HOLES: 1/8"  
 PAINT: STATE OF MAINE SPEC'S.

PROJ. NO. I-IG-95-9(43)272

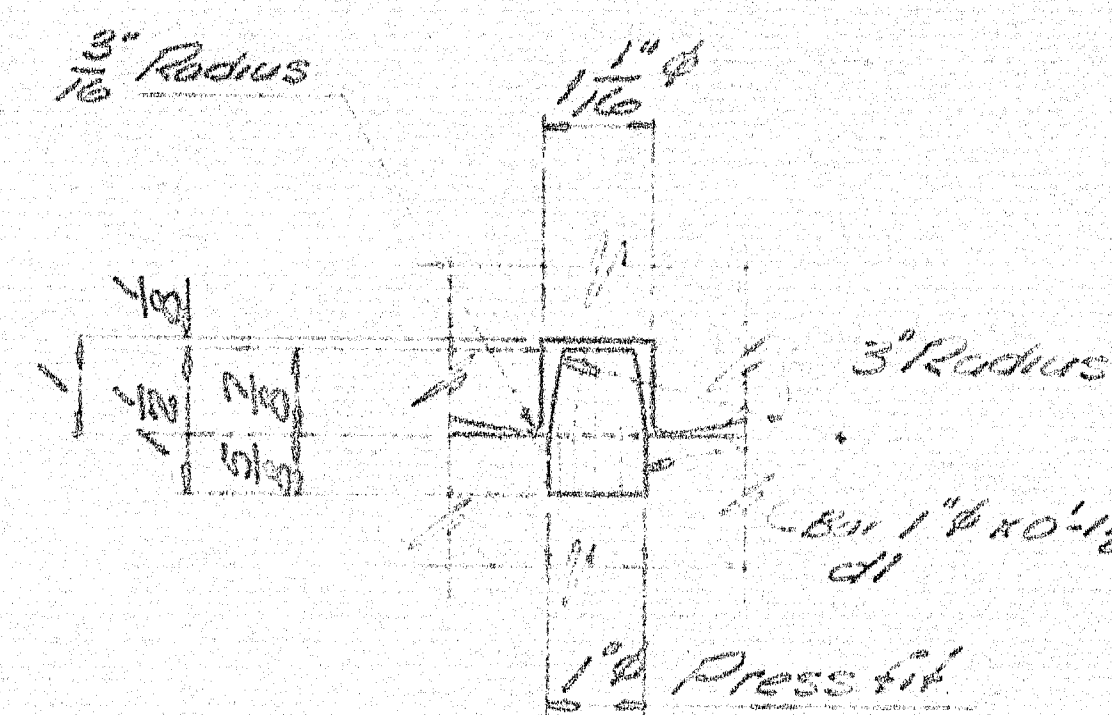
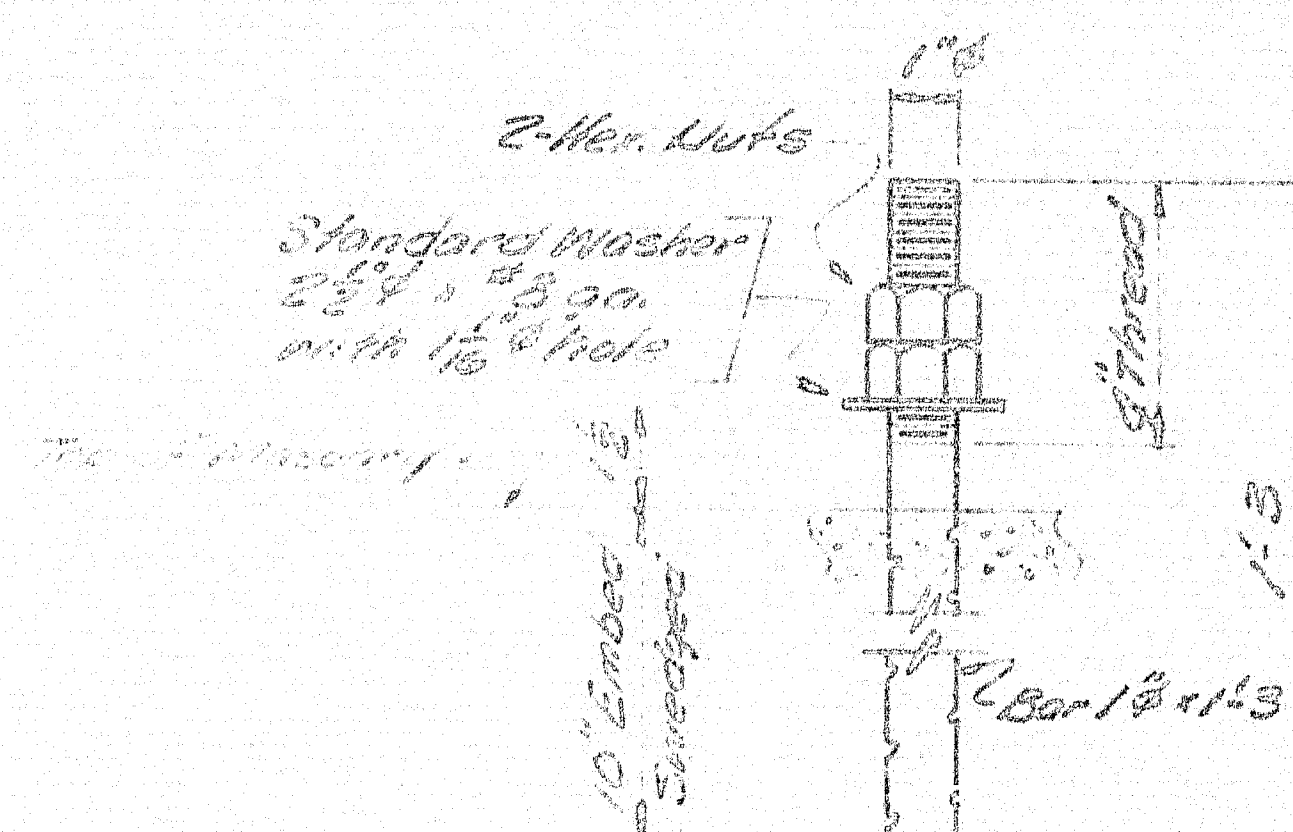
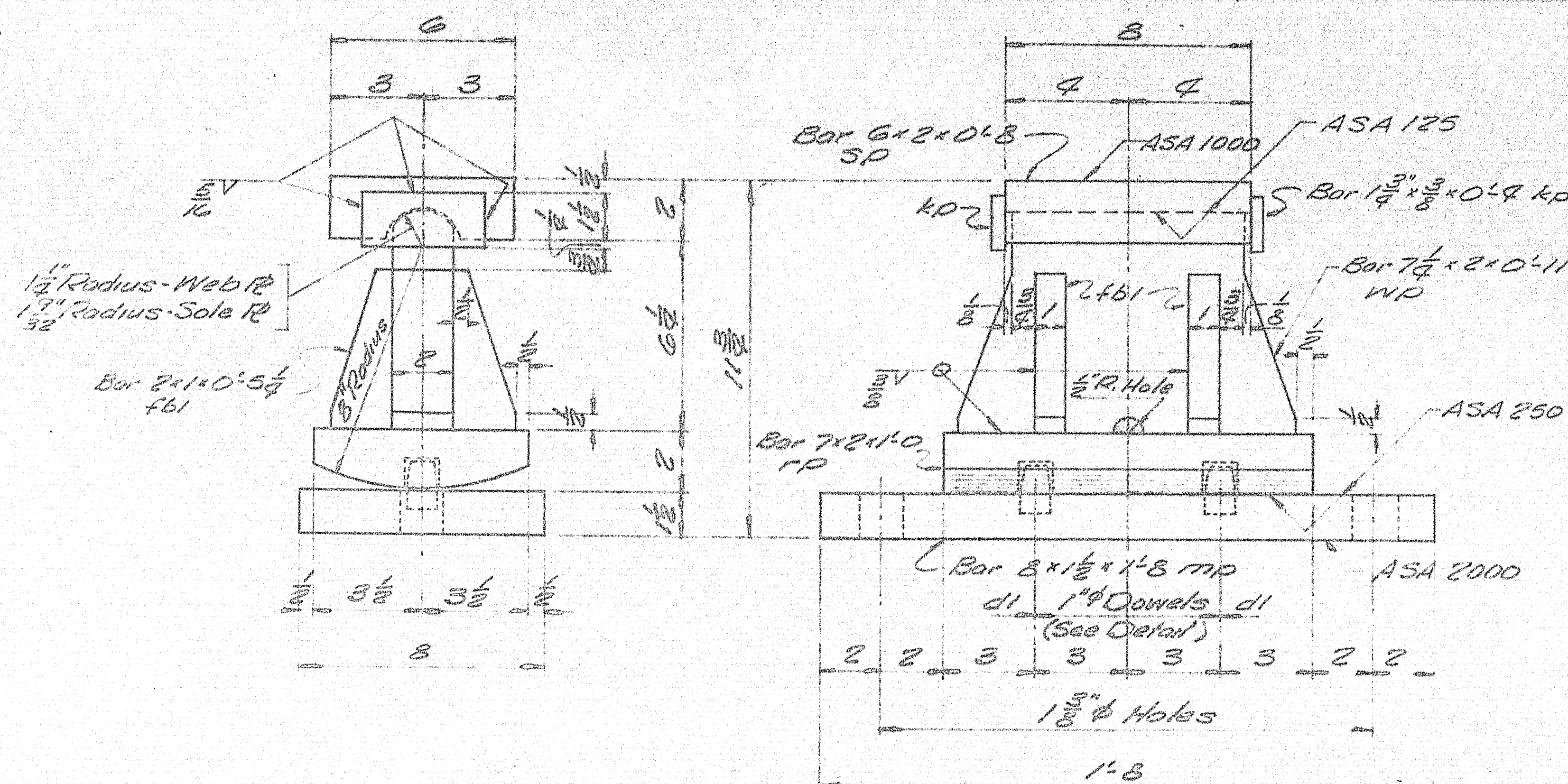
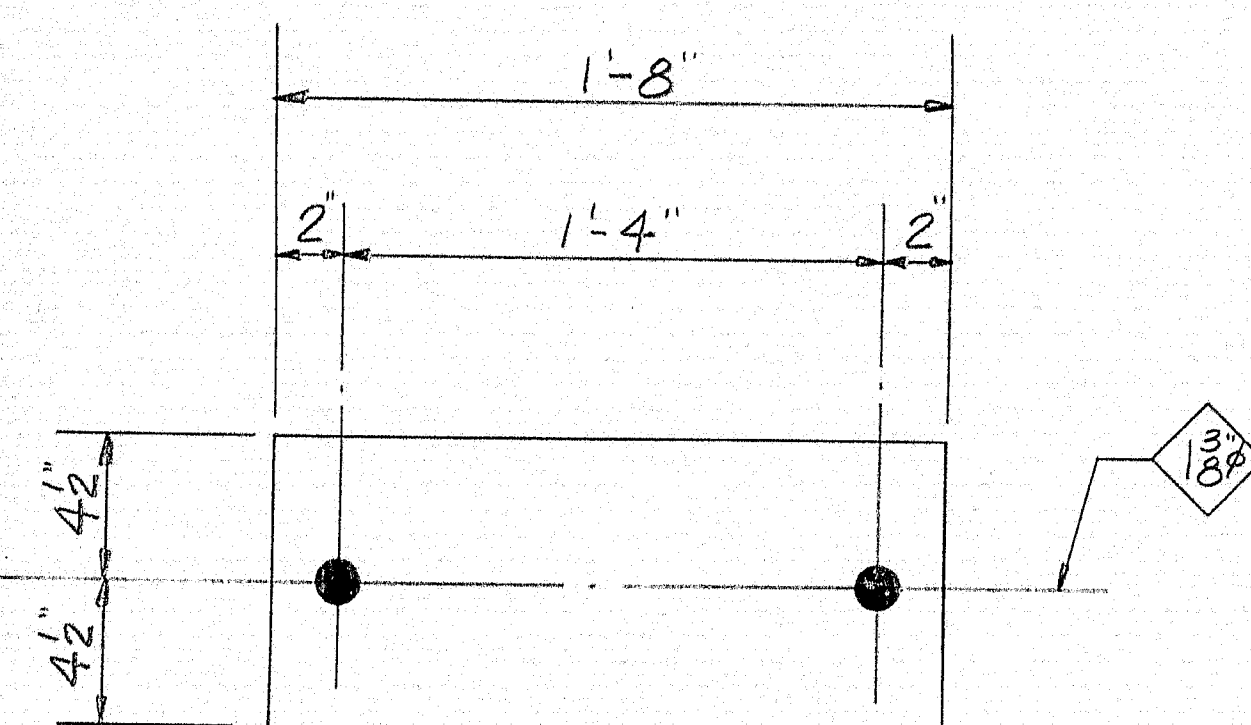
ELEVATIONS			
PRINT ISSUE			
Bancroft & Martin Inc. Brewer, Maine			
5	S.H.C.	11-1-66	I-95 OVER B. & A. RR. # EXISTING RT. 159
3	CUST.	11-1-66	ISLAND FALLS, MAINE
3	SHOP	11-1-66	
3	F.A.	10-26-66	
DRAWN	10-26-66	C.J.M.	CUSTOMER REED & REED
REVISION			DESIGNER M.S.H.C.
REVISION			ORDER VERBAL
REVISION			DWG. B66-248-E2

APP. 10-31-66

97-136





[illegible]

SHIP		BILL OF MATERIAL				DWG. NO. <i>B66-248-5</i>	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS	
<i>EPG2</i>	<i>14</i>		<i>EXPANSION PEDESTAL ASSY.</i>				
	<i>14</i>	<i>W/D</i>	<i>Bar 8"x 1 1/2"</i>	<i>1 8</i>			
	<i>14</i>	<i>W/D</i>	<i>Bar 7"x 2"</i>	<i>1 0</i>			
	<i>14</i>	<i>W/D</i>	<i>Bar 7 1/2"x 2"</i>	<i>0 11</i>			
	<i>14</i>	<i>S/D</i>	<i>Bar 6"x 2"</i>	<i>0 8</i>			
	<i>56</i>	<i>W/D</i>	<i>Bar 2"x 1"</i>	<i>0 56 1/2</i>			
	<i>28</i>	<i>d 1</i>	<i>Bar 1" dia</i>	<i>0 1 1/2</i>			
	<i>28</i>	<i>K/D</i>	<i>Bar 1 1/2"x 2 1/2"</i>	<i>0 2</i>			

AB1	28	Bar 1" $\phi$	1	3	Swaged
	56	Shop 1" $\phi$ Luts			
Field	28	1" Washer			Std. Washer - $2\frac{1}{2}$ " O.D. x Hole - 1 1/2" x 1 1/2"

				SHIPPED & BILLED	800. 211.1144 note
FPI	14		Pos 3 1/2	1 8	Fabric Pod "3497" REQ. NO.

[illegible]

Allowance to be made for Machining  
when cutting above plates.

ITEM 702-103.1  
PROJECT NO. I-IG-95-9(43)272  
Sole plates "SP" to be field weld  
to shims.

Bearing material to be ASTM-A36, Anchor  
Bolts to be A7, A36, or A307.  
All welds to be made with E70 Electrodes.

SHOP CONNECTIONS: *We Idea*

## FIELD CONNECTIONS

HOLES: As Noted

PAINT: Red lead per Maine S.H.C.  
Spec., and as noted.

APP 9-11-61

BEARING PEDESTAL DETAIL

Bancroft & Martin Inc.  
South Portland 7, Maine

I-95 OVER B. & A. R.R. & EXISTING RT. 159  
ISLAND FALLS, MAINE

CUSTOMER REED & REED  
DESIGNER M.S.H.C. BRIDGE DIV.

ORDER NO. VERBAL DWG. NO. B66-248-51

**SHOP CONNECTIONS:** [Printmaking.com](#)

FIELD CONNECTIONS: \_\_\_\_\_

HOLES: / 30 "

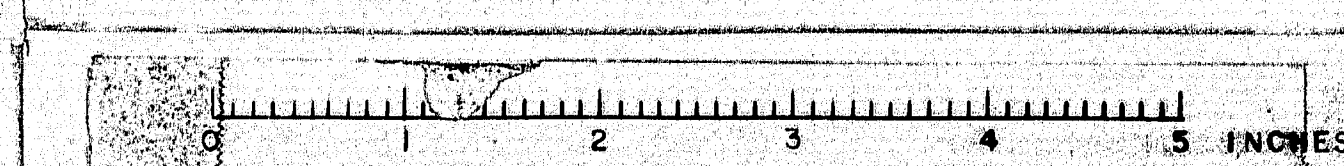
PAINT: NONE

PAINT:  
PROJ. NO. I-IG-95-9(43)272

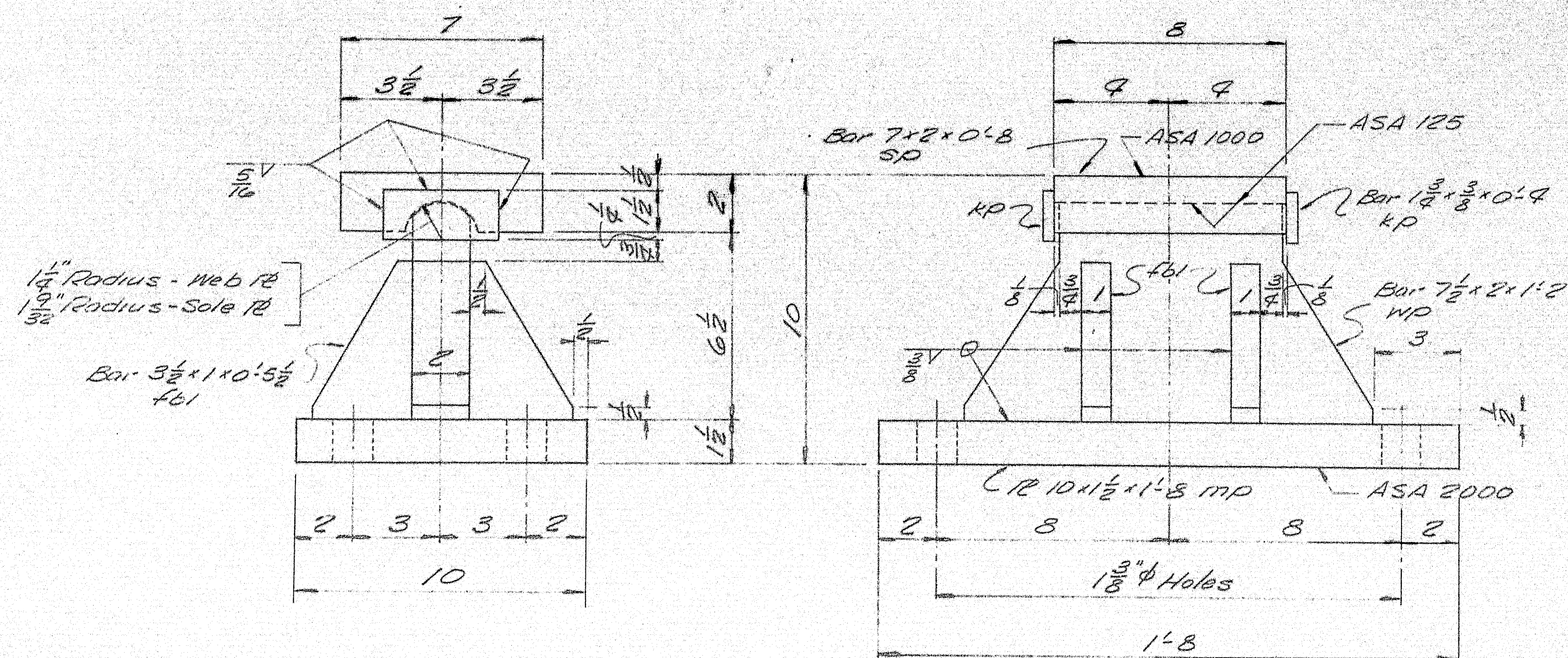
PRINT ISSUE			SHIM PLATES	
			Bancroft & Martin Inc.	
			Brewer, Maine	
			I-95 OVER B&A, R.R. # EXISTING RT. 159	
			ISLAND FALLS, MAINE	
3	CUST.	10-19-66	CUSTOMER <u>REED &amp; REED</u>	
6	SHOP	10-19-66	DESIGNER <u>M. S. H. C.</u>	
	DRAWN	10-18-66 C.J.M.		
	REVISION			
	REVISION			
	REVISION			
			ORDER <u>VERBAL</u>	DWG. <u>B66-248-X1</u>

PAINT NOTE:

No paint on top of sole plates "sp"  
and 1" down from top on sides, coat  
with boiled linseed oil.  
No paint on surface with ASA185 finish,  
coat with mixture of white lead and turpentine.  
No paint on anchor bolts - oil studs.

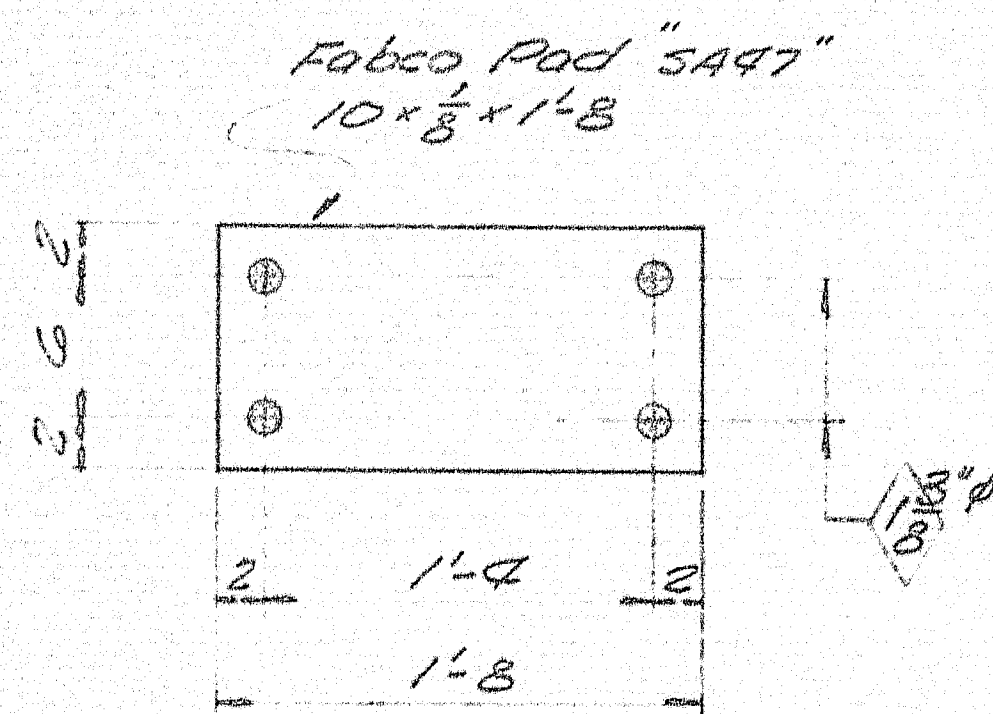






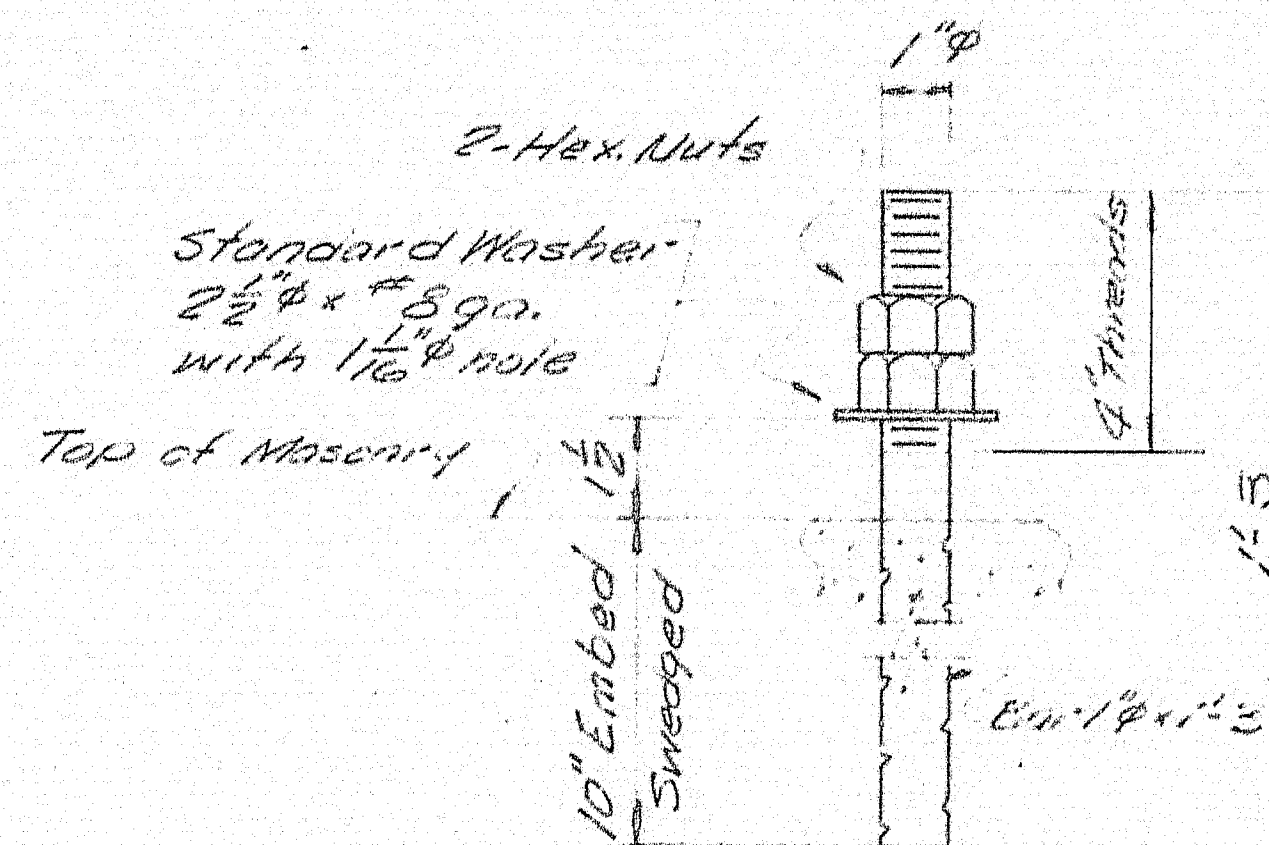
### FIXED PEDESTAL FPC-2

7- REQ'D.



### FABCO "SA47" PAD

FP2 7- REQ'D.



### ANCHOR BOLT AB1

28- REQ'D.

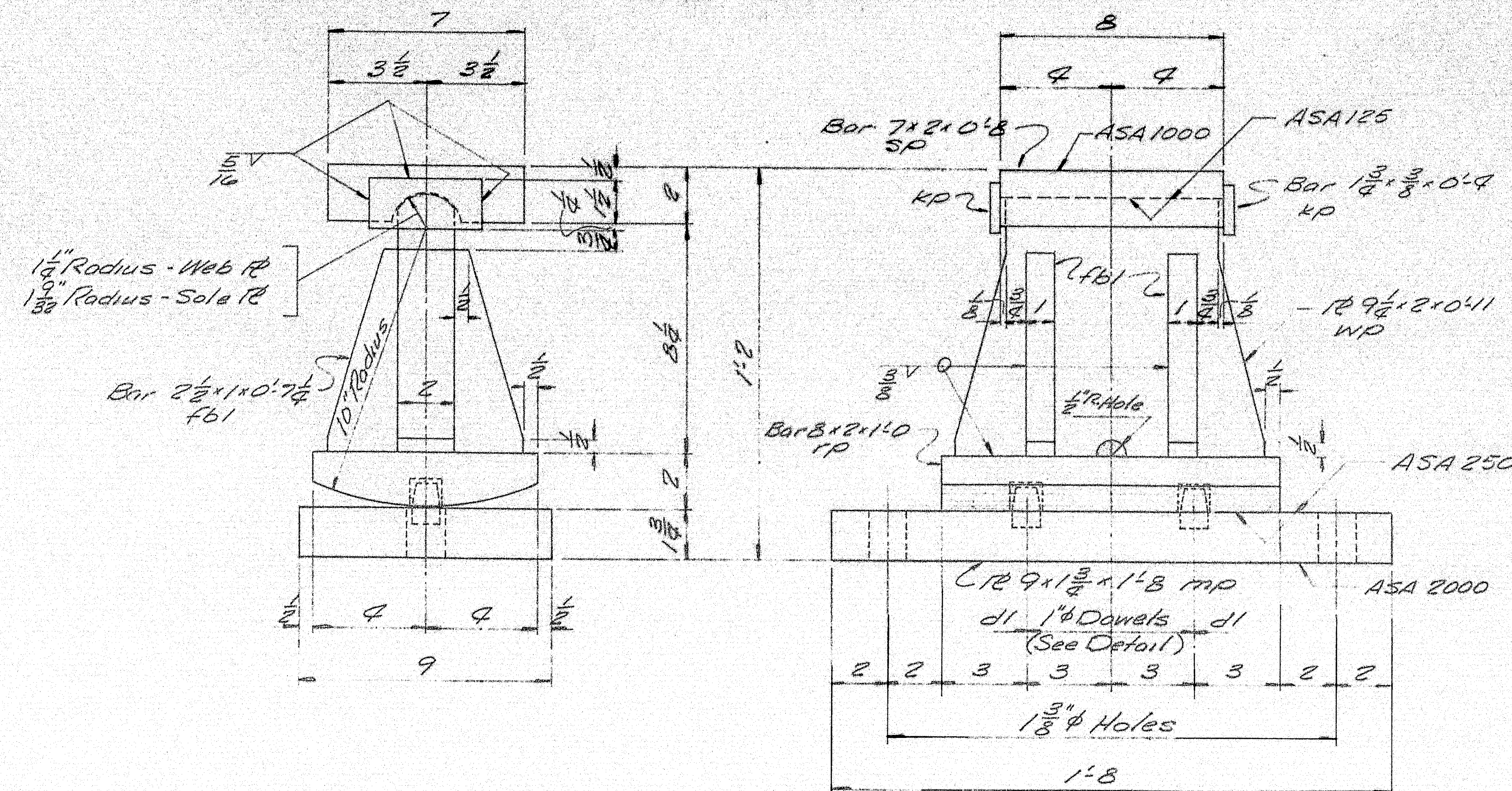
### PAINT NOTE:

No paint on top of sole plates "sp" and 1" down from top on sides, coat with boiled linseed oil.  
No paint on surface with ASA 125 finish, coat with mixture of white lead and tallow.  
No paint on Anchor bolts - oil threads.

SHIP		BILL OF MATERIAL				DWG. NO. B66-248-52
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
FP2	7		FIXED PEDESTAL ASSY.			
	7	MP	1810x1 1/2	1	8	
	7	MP	Bar 7x2	1	8	
	7	SP	Bar 7x2	0	8	
	14	KP	Bar 1 1/2 x 3/8	0	2	
	28	AB1	Bar 3/4 x 1	0	5 1/2	
	28	AB1	Bar 1" x 1	1	3	Swedged
	56	SHD	1" Hex. Nut			
	28	Field	1" Washer			Std. washer 2 1/2" O.D. x 5/8" sq. with 1 1/8" hole.
			SHIPPED & BILLED			
FP2	7		Pad 10x8	1	8	Fabco Pad "SA47" Req. #
Allowance to be made for machining when cutting above plates.						
ITEM 702-103.1						
PROJECT NO. I-IG-95-9(43) 272						
Sole plates "sp" to be field welded to stringers.						
Bearing material to be ASTM A36, Anchor bolts to be A307, or A307.						
All welds to be made with E70 Electrodes.						
SHOP CONNECTIONS: welded						
FIELD CONNECTIONS:						
HOLES: As noted						
PAINT: Red lead per Maine S.H.C. spec, and as noted.						
APP. 9-16-66						
BEARING PEDESTAL DETAIL						
Bancroft & Martin Inc.						
South Portland 7, Maine						
I-95 OVER B.A.R.R. & EXISTING RT. 159						
ISLAND FALLS, MAINE						
CUSTOMER: REED & REED						
DESIGNER: M.S.H.C. BRIDGE DIV.						
ORDER NO. VERBAL						
DWG. NO. B66-248-52						

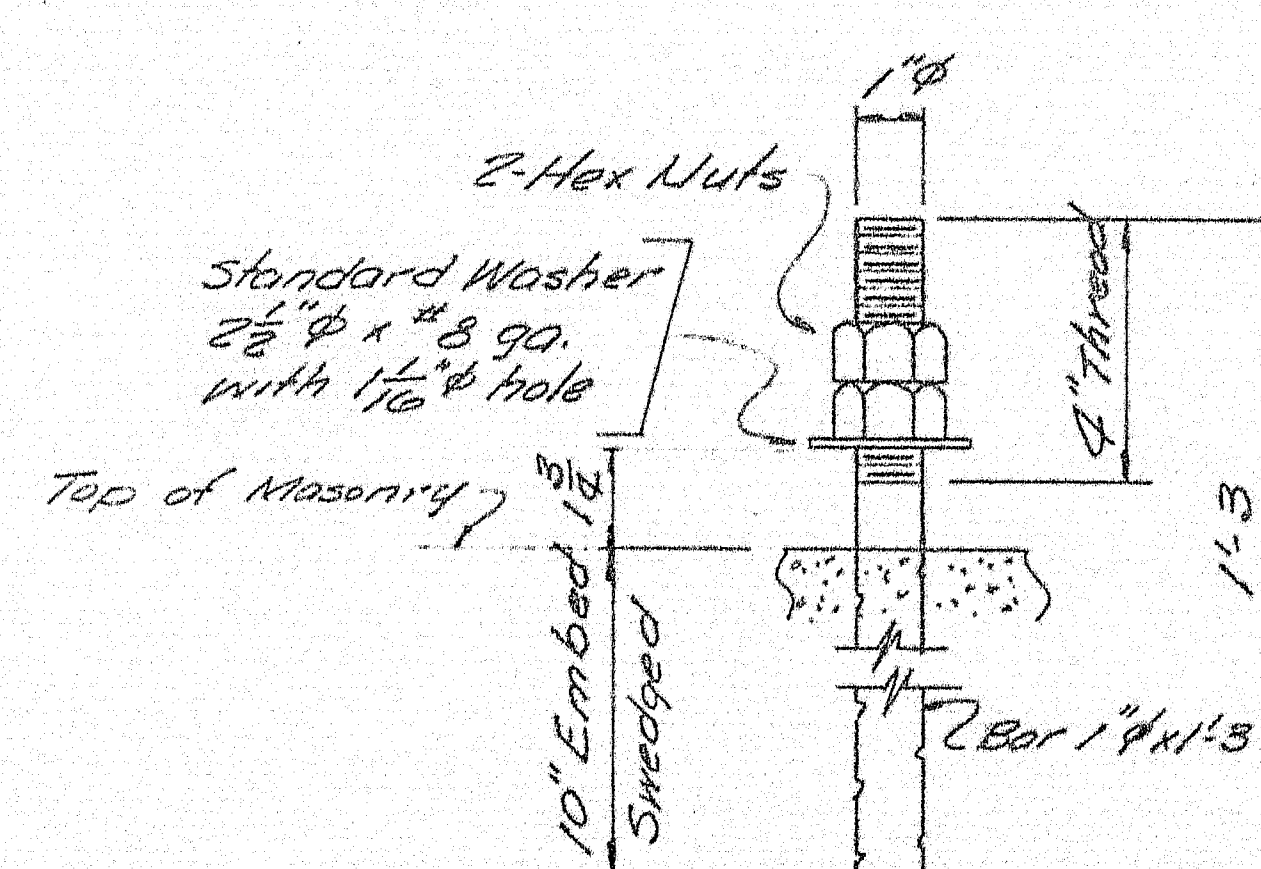
97-139





### EXPANSION PEDESTAL EPC-3

14 - REQ'D.

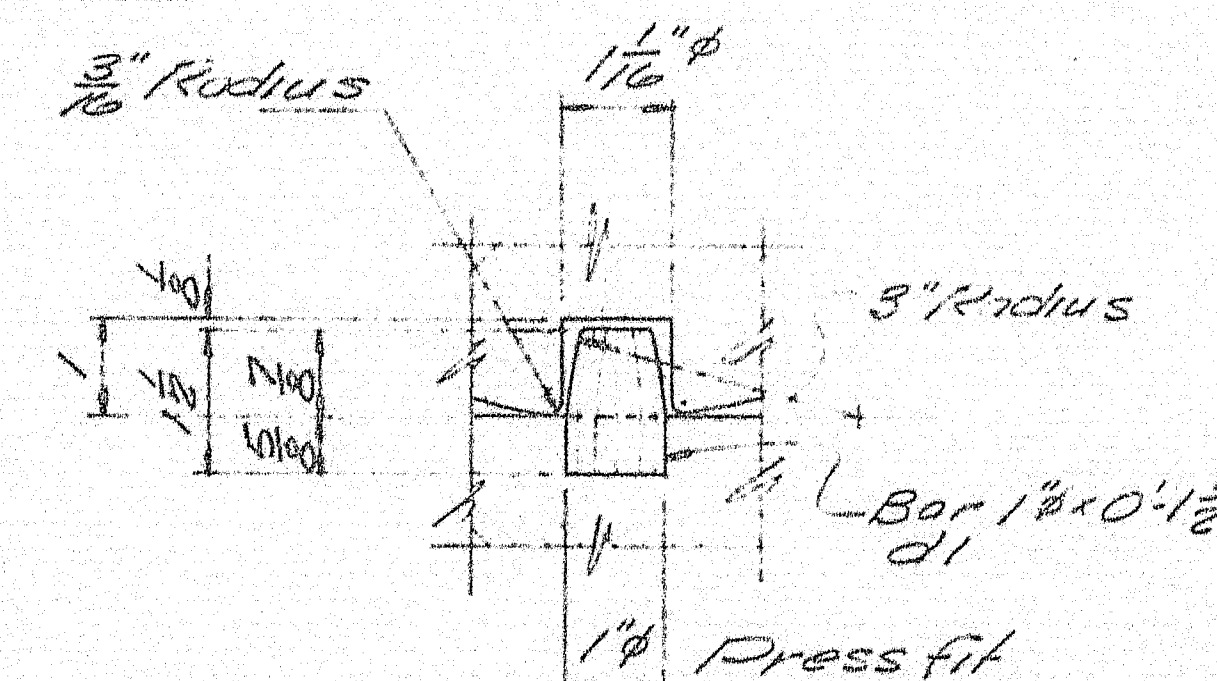


### ANCHOR BOLT ABI

28 - REQ'D.

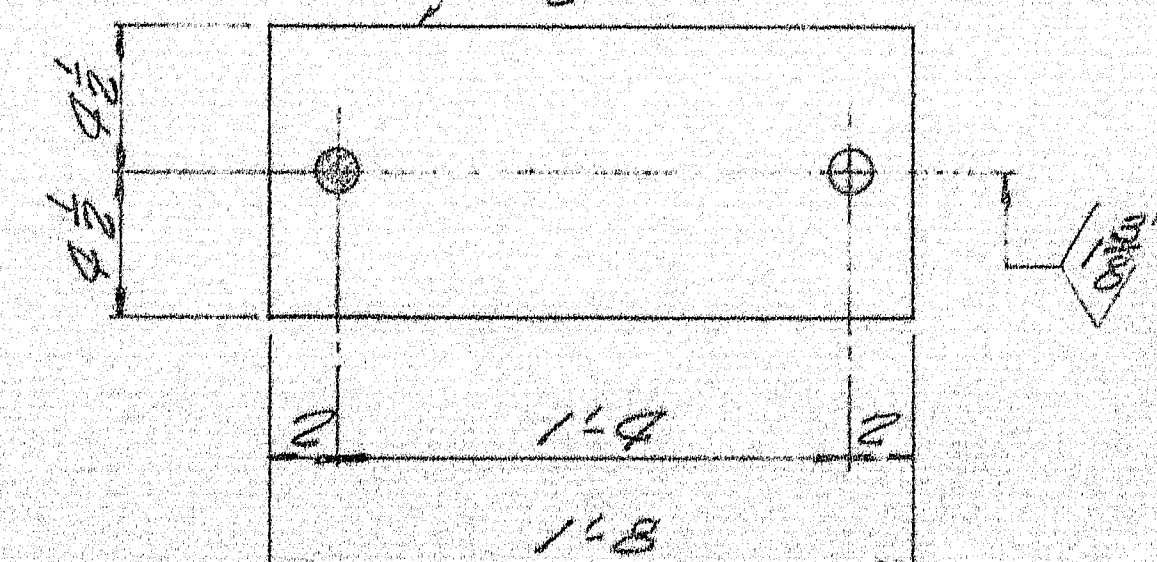
#### PAINT NOTE:

No paint on top of sole plates "sp" and 1" down from top on sides, coat with boiled linseed oil.  
No paint on surface with ASA 125 finish, coat with mixture of white lead and tallow.  
No paint on Anchor Bolts - Oil Tite.



### DOWEL DETAIL

FABCO PAD "SA97"  
9 x 1 1/2 x 1/8



### FABCO "SA97" PAD

FP3 14 - REQ'D.

SHIP		BILL OF MATERIAL				DWG. NO. B66-248-53
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
EPC-3	14		EXPANSION PEDESTAL ASSY.			
	14	MP	R 9 x 1 1/2	1	8	
	14	IP	Bar 8 x 2	1	0	
	14	WP	R 9 x 2	0	11	
	14	SP	Bar 7 x 2	0	8	
	56	FBI	Bar 2 1/2 x 1	0	7 1/2	
	28	d1	Bar 1/8	0	1 1/2	
	28	KP	Bar 1 3/4 x 3/8	0	9	
ABI	28		Bar 1/2	1	3	Swedged
	56	shop	1" Hex. Nut			
Field	28		1" Washer			Std. Washer - 2 1/2" O.D. x 3/8" g.o. with 1/2" hole.
SHIPPED & BILLED						
FP3	14		Pad 9 x 1 1/2	1	8	Fabco Pad "SA97" Req. W.O.
Allowance to be made for machining when cutting above plates.						
ITEM 702-103.1						
PROJECT NO. I-19-95-9(43)272						
Sole plates "sp" to be field welded to stringers.						
Bearing material to be ASTM A36. Anchor bolts to be A7, A36, or A307. All welds to be made with E70 Electrodes.						
SHOP CONNECTIONS: Welded						
FIELD CONNECTIONS:						
HOLES: As noted						
PAINT: Red lead per Maine S.H.C. spec., and as noted.						
APP. 9-16-66						
BEARING & PEDESTAL DETAIL						
Bancroft & Martin Inc.						
South Portland 7, Maine						
I-95 OVER B. & A. R.R. & EXISTING RT. 159						
ISLAND FALLS, MAINE						
CUSTOMER: REED & REED						
DESIGNER: M.S.H.C. BRIDGE DIV.						
ORDER NO. VERBAL						
DWG. NO. B66-248-53						

97-140















SHIP		BILL OF MATERIAL				DWG. B66-248-S7
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
S2A	1		33WF118	84' 0"		A36
S2B	1			84' 0"		
S2C	1			84' 0"		
S2D	1			84' 0"		
S2E	1			84' 0"		
S2F	1			84' 0"		
S2G	1		do	84' 0"		do
	24	P1	P 6x3	2' 5"		A36
	12	P2	do	2' 5"		
	12	P3	do	2' 5"		
	28	P4	P 18x1/2	2' 3"		
	28	P5	P 11x1/2	2' 6 1/2"		
	56	P6	P 4x1/2	2' 6 1/2"		do
	112	SHOP	3/8" H.S. BOLT	0' 34"		(FLANGE BOLTS) A325
	28	SHOP	do	0' 3"		(WEB BOLTS) do
FIELD	460		3/8" H.S. BOLT	0' 34"		A325
do	744		do	0' 3"		
do	1344		3/8" H.S. WASHERS			

SHOP CONNECTIONS: WELD E70 LOW-HYDROGEN  
 FIELD CONNECTIONS: 3/8" H.S. BOLTS  
 HOLES: 1/8" U.N.  
 PAINT: STATE OF MAINE SPEC'S.

PROJ. No. I-IG-95-7(43) 272

STRINGERS SPAN #2

PRINT ISSUE


*Bancroft & Martin Inc.*  
*Brewer, Maine*

*I-95 OVER B. & A. R.R. #EXISTING RT. 159*  
*ISLAND FALLS, MAINE*

*5 S.H.C. 11-1-66*  
*3 CUST. 11-1-66*  
*6 SHOP 11-1-66*  
*3 F.A. 10-26-66*  
*DRAWN 10-25-66 C.J.M.*

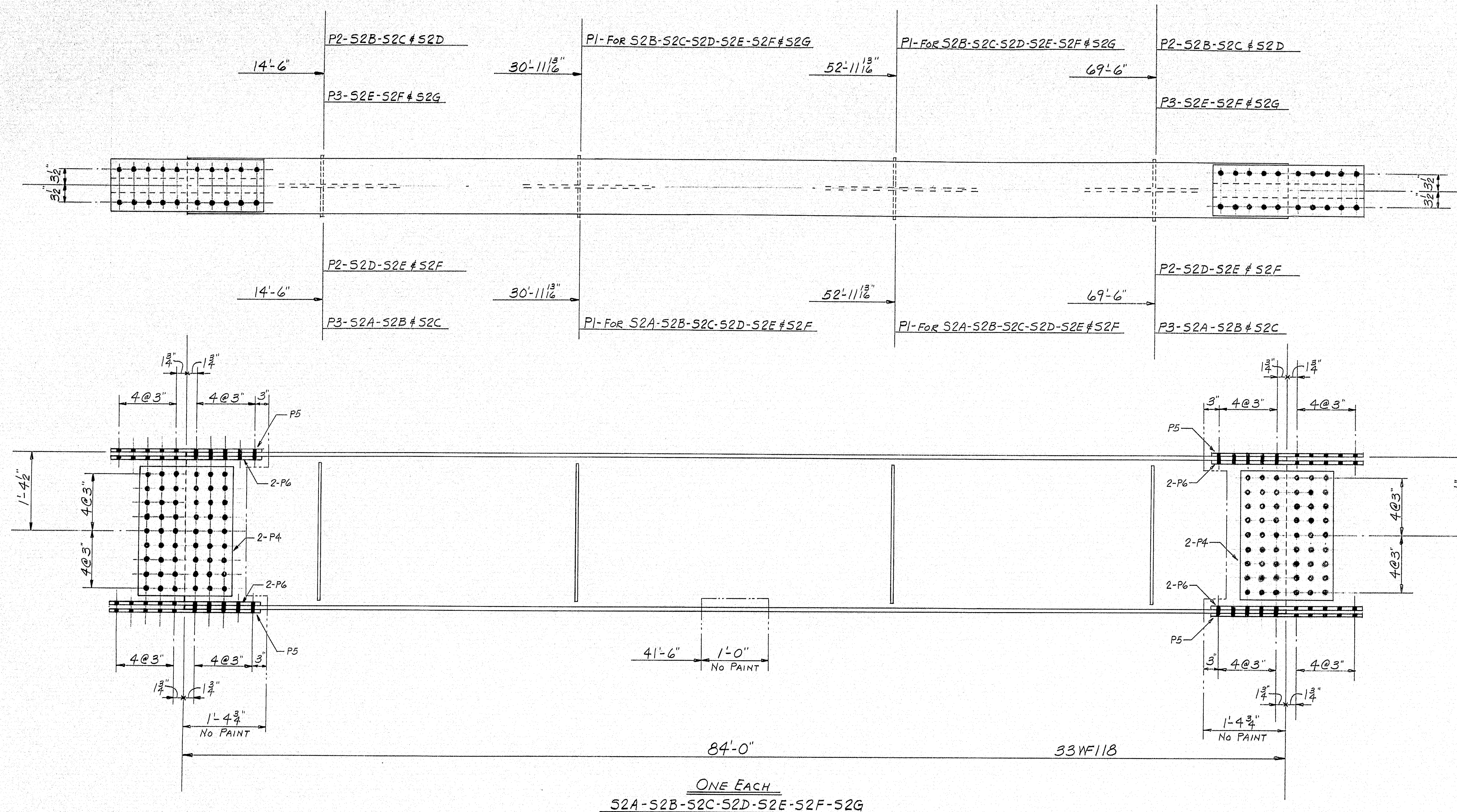
*CUSTOMER REED & REED*  
*DESIGNER M.S.H.C.*

*REVISION*  
*REVISION*  
*REVISION*

*ORDER VERBAL*  
*DWG. B66-248-S7*

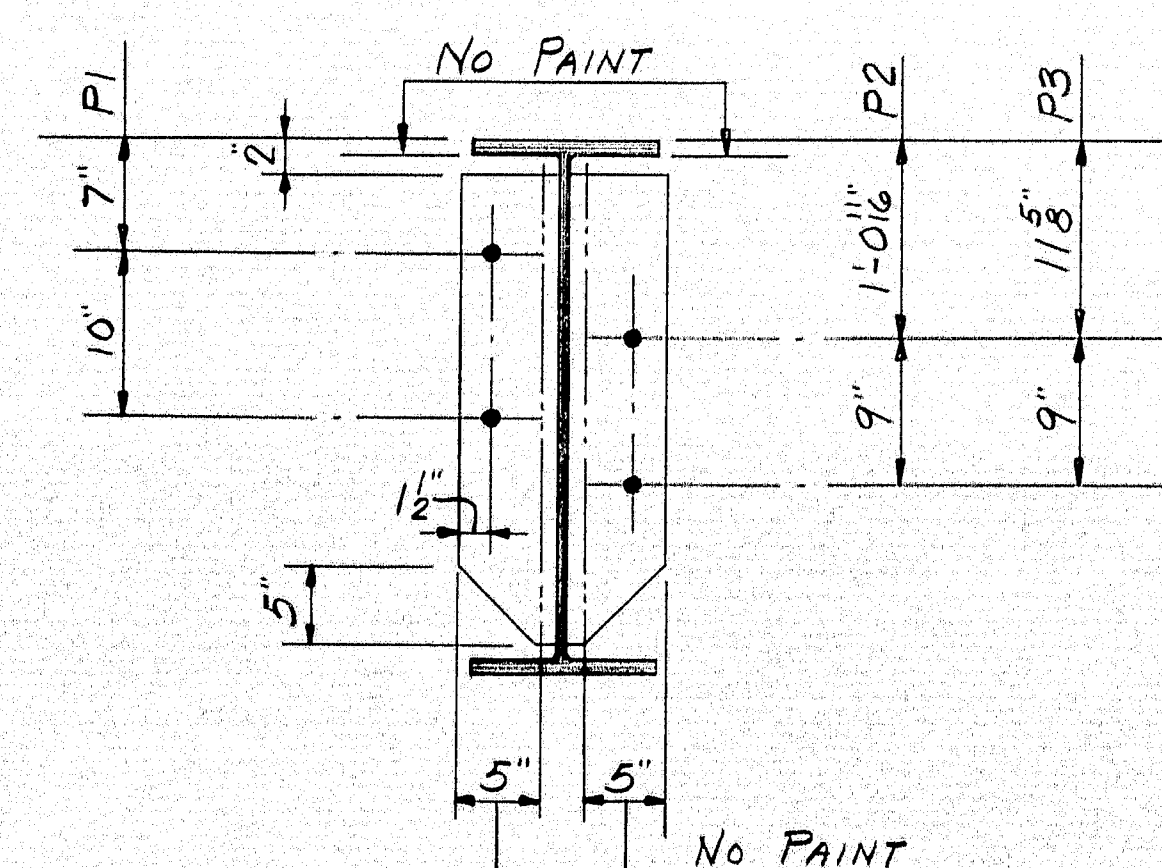
APP. 10-31-66

97-144

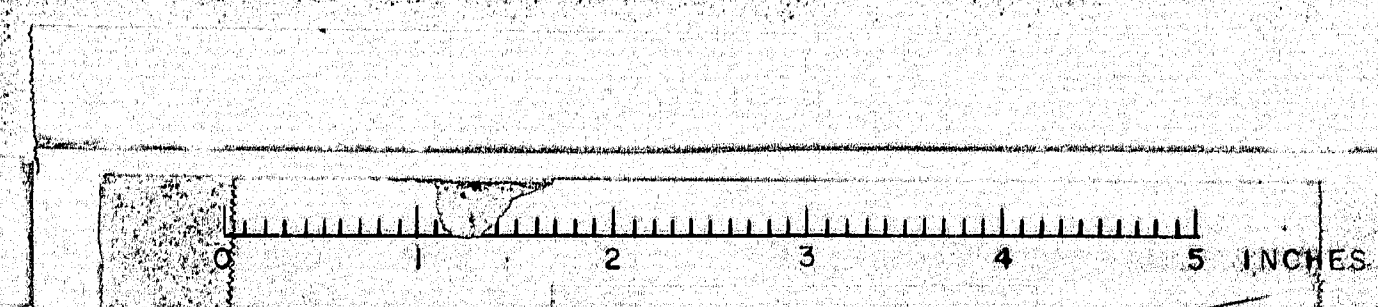


MATCH THIS END WITH  
STRINGERS MARKED "S1"

PLACE ANY NATURAL  
CAMBER UP.



MATCH THIS END WITH  
STRINGERS MARKED "S3"



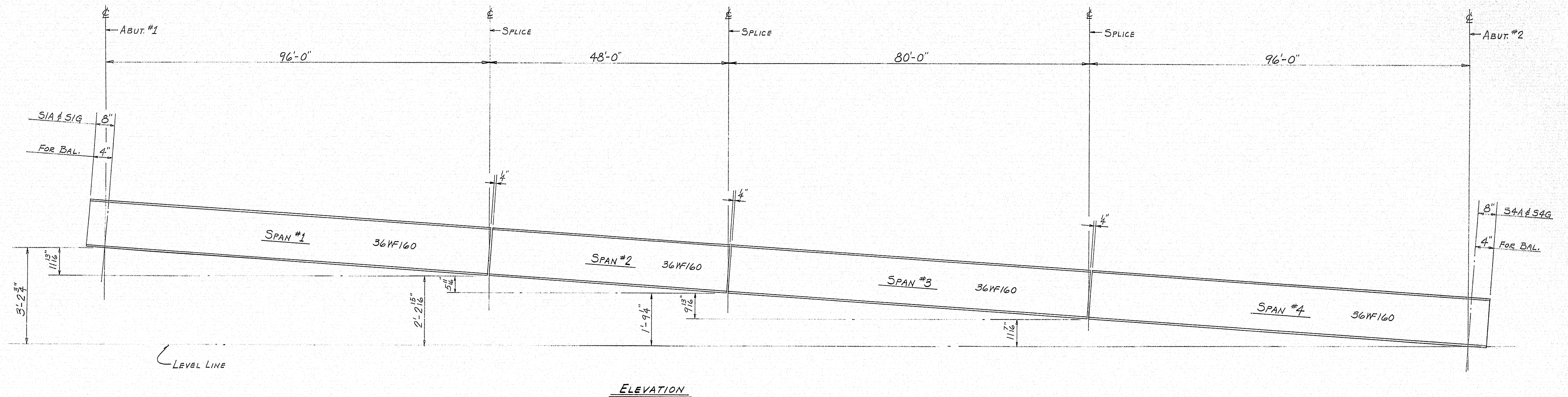










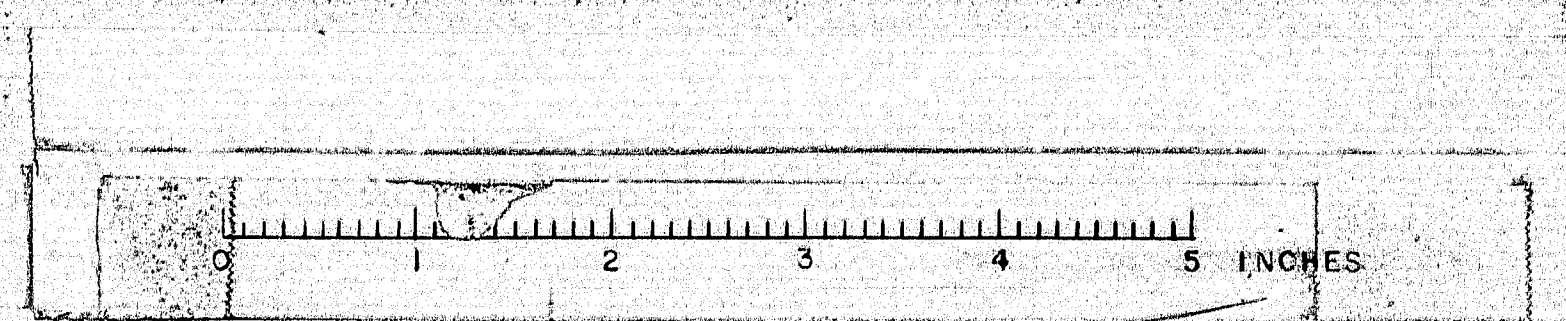


SHOP CONNECTIONS: WELD  
 FIELD CONNECTIONS: BOLT  
 HOLES: AS NOTED  
 PAINT: STATE OF MAINE SPEC'S.

PROJ. No. I-IG-95-9(43) 272

ELEVATIONS			
PRINT ISSUE		Bancroft & Martin Inc.	
		Brewer, Maine	
3	S.H.C.	11-29-66	FISH STREAM # STATE AID NO. 1
3	CUST.	10-13-66	ISLAND FALLS, MAINE
2	SHOP	10-13-66	
3	F.A.	9-26-66	
DRAWN	9-16-66 G.J.M.		
REVISION			
REVISION			
REVISION			
ORDER VERBAL		DWG. B66-249-E2	

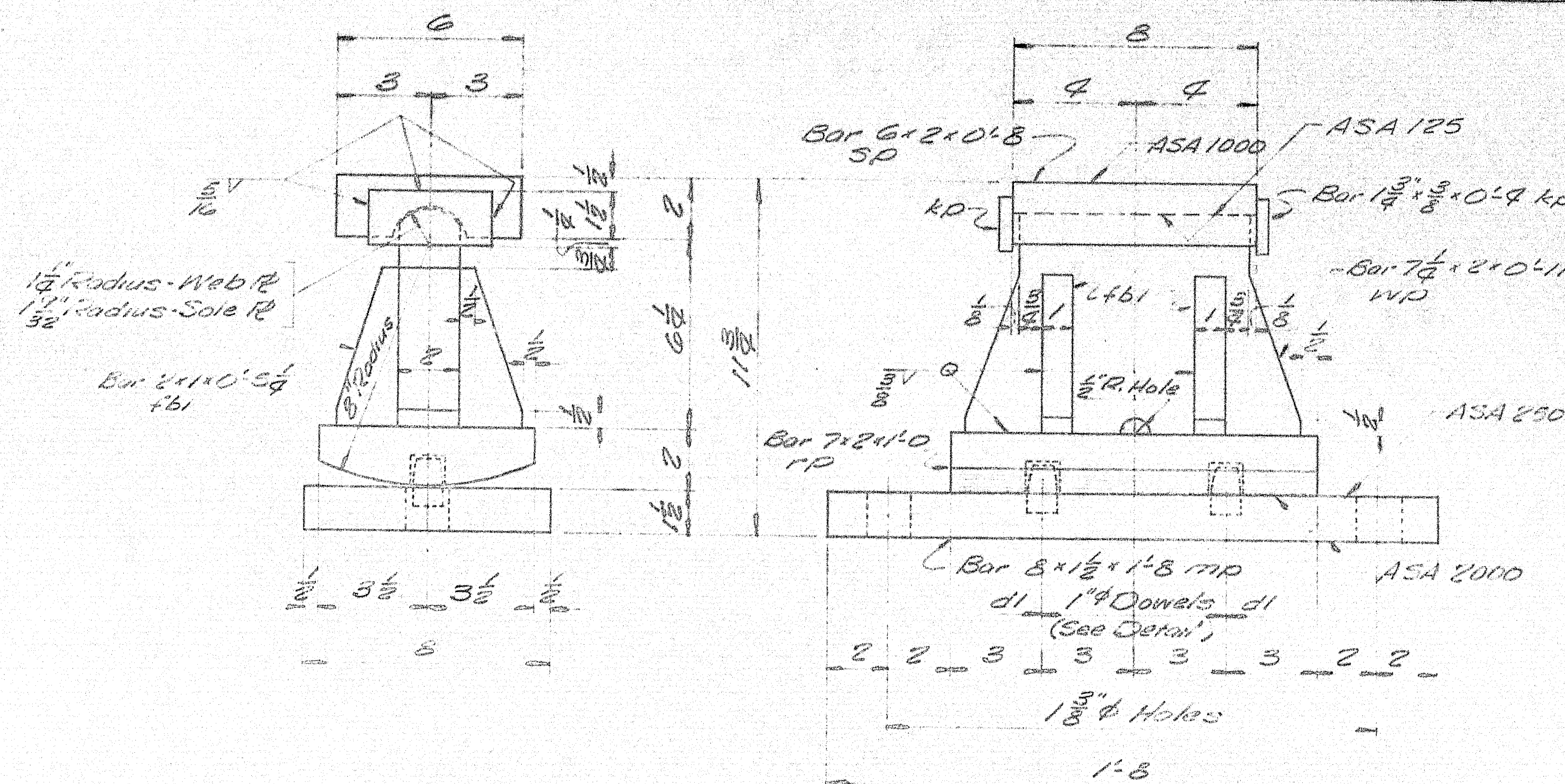
97-147





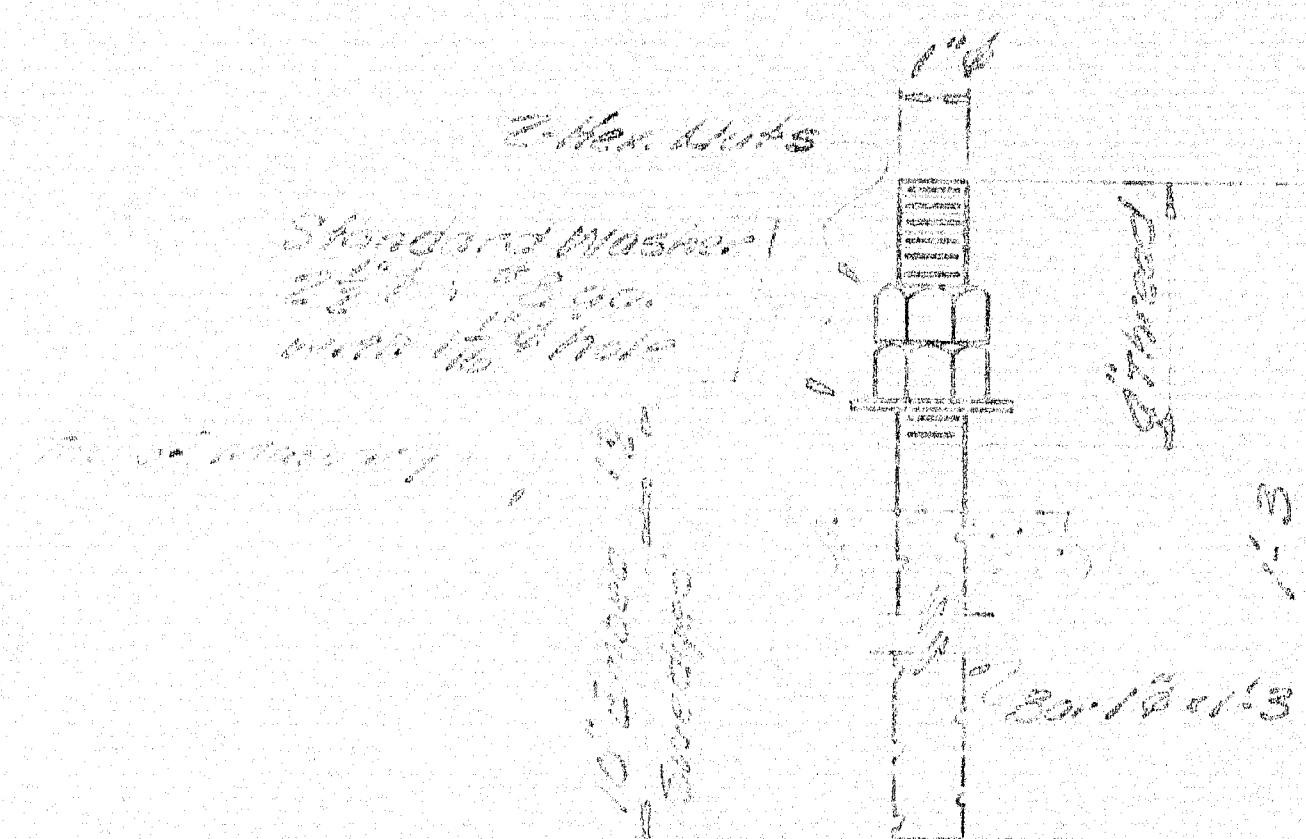






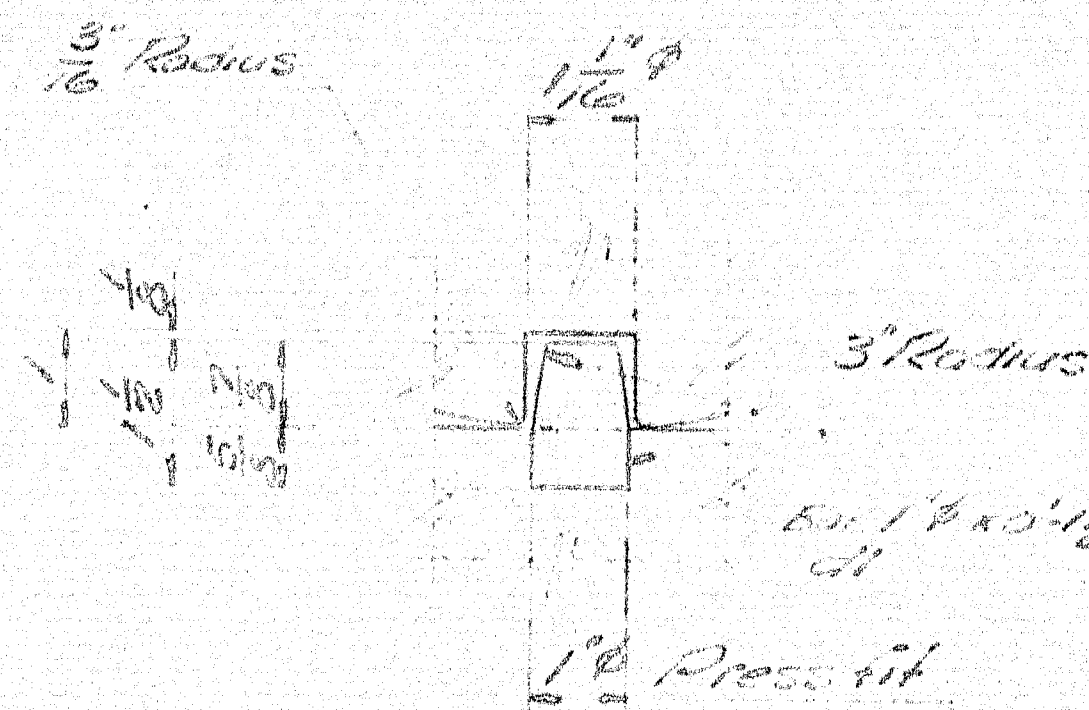
## EXPANSION PEDESTAL EPC-2

14 - REQ'D.



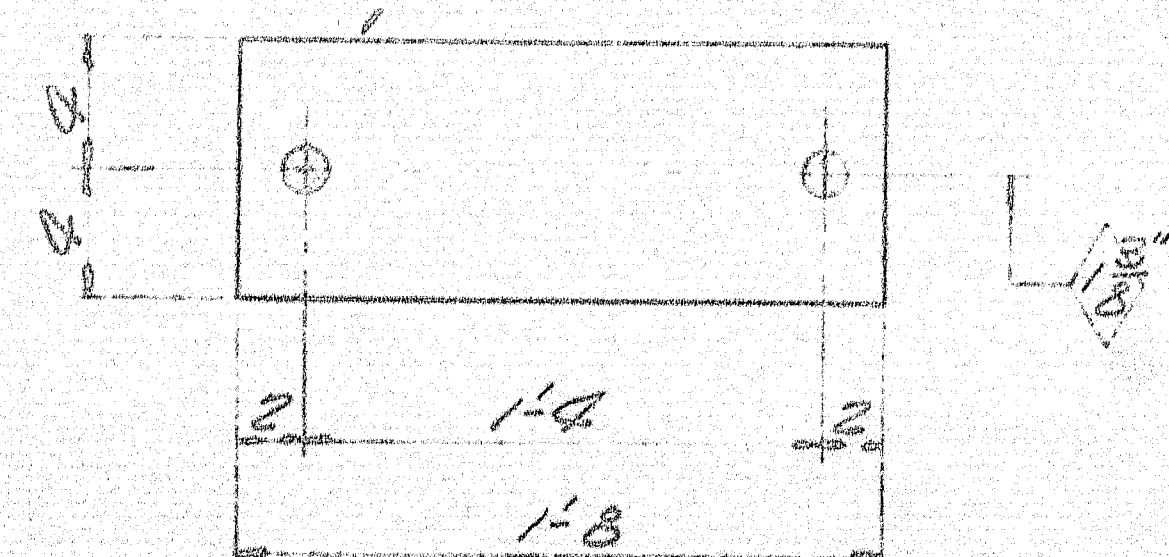
## ANCHOR BOLT ABI

28 - REQ'D.



## DOWEL DETAIL

Fabco Pad "SA47"  
8 x 1 1/2 x 1/8



## FABCO "SA47" PAD

FP 14 - REQ'D.

### PAINT NOTE:

No paint on top of sole plates "sp" and 1" down from top on sides, coat with boiled linseed oil.  
No paint on surface with ASA 125 finish, coat with mixture of white lead and tallow.  
No paint on Anchor bolts - oil fits.

SHIP		BILL OF MATERIAL				DWG. NO. B66-249-52
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
EPC2	14		EXPANSION PEDESTAL ASSY.			
	14	MP	Bar 8 x 1 1/2	1 8		
	14	1P	Bar 7 x 2	1 0		
	14	WP	Bar 7/8 x 2	0 11		
	14	SP	Bar 6 x 2	0 8		
	56	1P	Bar 7/8 x 1	0 5 1/2		
	28	1P	Bar 1" x 1	0 1 1/2		
	28	KP	Bar 1 1/2 x 3/8	0 9		
ABI	28		Bar 1" x 1	1 3		Swedged
	56	Shop 1" Dia				
Field	28		1" Washer			Std. Washer - 2 1/2" O.D. x 2 1/2" I.D. with 1 1/2" hole
FP	14		Pad 8 x 1 1/2	1 8		Fabco Pad "SA47" Req. No.

Allowance to be made for Machining when cutting base plates.

ITEM PROJECT NO. I-IG-95-9(43) 272  
Sole plates "sp" to be field welded to str. mfrs.

Seaming material to be ASTM A36, Anchor Bolts to be A7, A36, or A307.  
All welds to be made with E70 Electrodes.

SHOP CONNECTIONS: Welded

FIELD CONNECTIONS: As Noted

PAINT: Red lead per Marine S.H.C. Spec, and as noted.

### BEARING PEDESTAL DETAIL

Bancroft & Martin Inc.

South Portland 7, Maine

FISH STREAM & STATE AID No. 1

ISLAND FALLS, MAINE

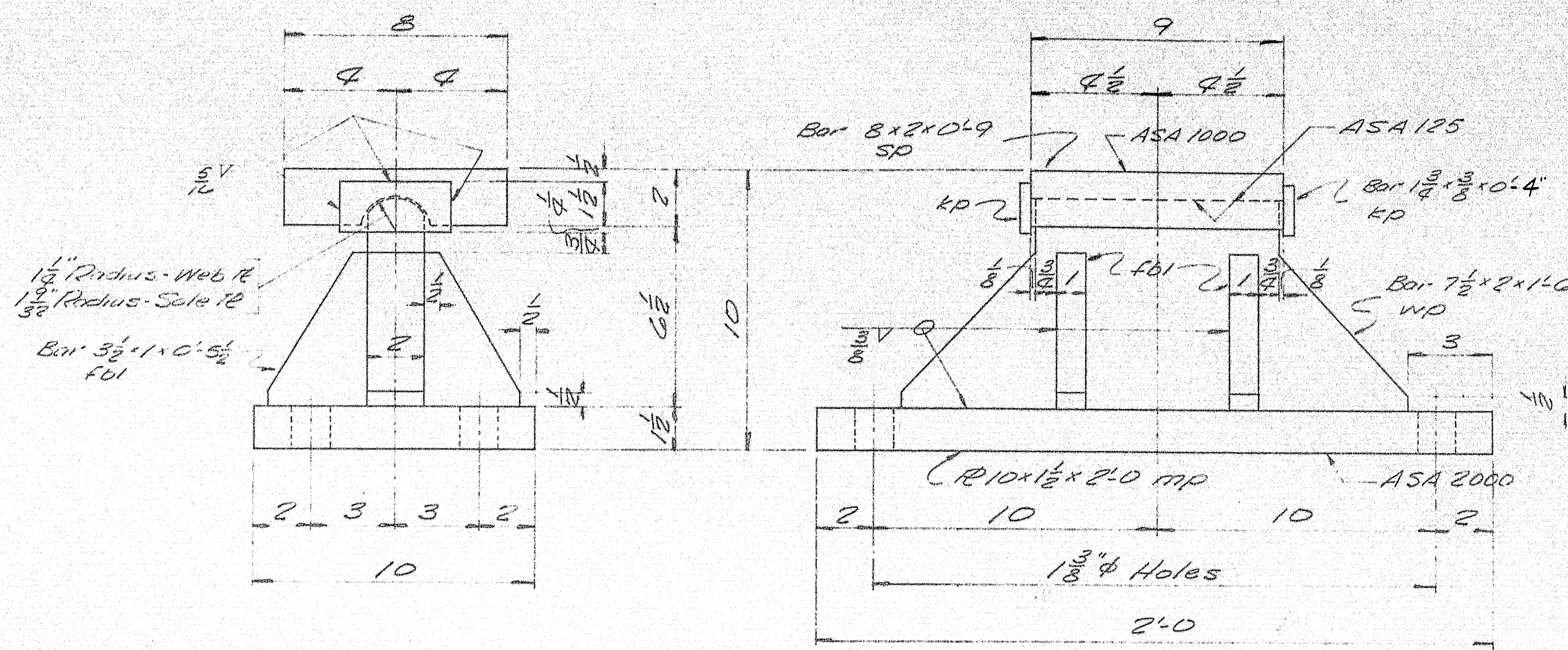
CUSTOMER REED & REED

DESIGNER M.S.H.C. BRIDGE DIV.

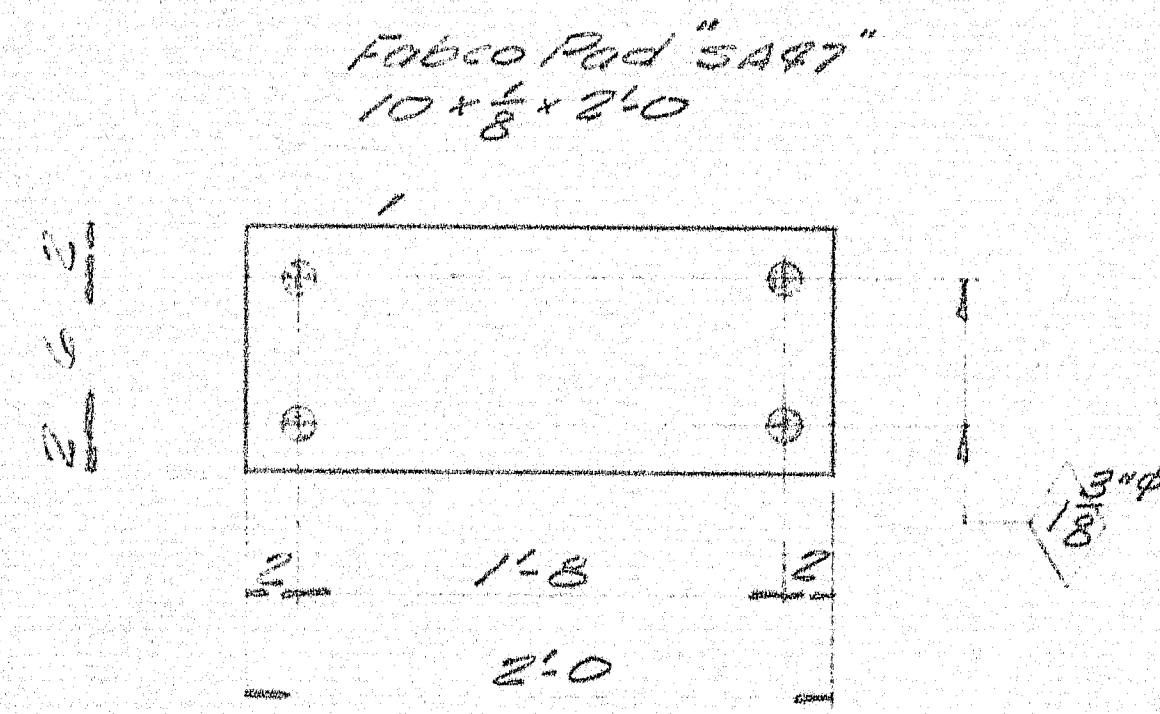
ORDER NO. VERBAL DWG. NO. B66-249-52

97-149

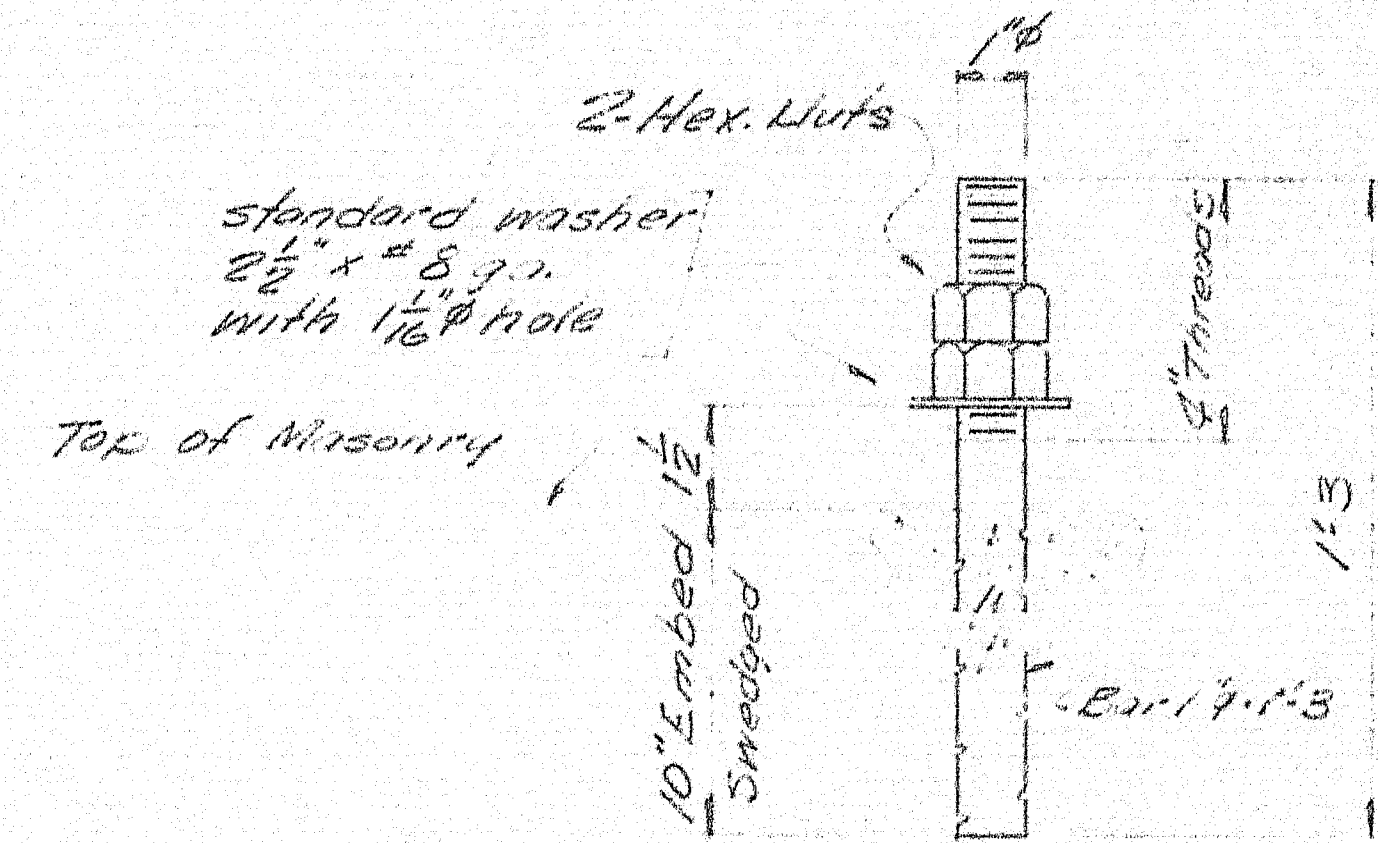




FIXED PEDESTAL FPC-3  
7 - REQ'D.



FABCO "SA97" PAD  
FP 7 - REQ'D.



ANCHOR BOLT ABI  
28 - REQ'D.

PAINT NOTE:  
No paint on top of sole plates "sp" and 1" down from top on sides, coat with boiled linseed oil.  
No paint on surface with ASA 125 finish coat with mixture of white lead and tallow.  
No paint on Anchor bolts - oil holes.

SHIP		BILL OF MATERIAL				DWG. NO.	REMARKS
MARK	NO.	MARK	SHAPE	LENGTH	WT.		
FPC3	7		FIXED PEDESTAL ASS'Y				
	7	MP	R10x1 1/2	2.0			
	7	WP	Bar 7 1/2 x 2	1.6			
	7	SP	Bar 8 x 2	0.9			
	14	EC	Bar 1 3/4 x 10	0.4			
	28	ABI	Bar 1 1/2 x 10	0.5 1/2			
ABI	28		Bar 1 1/2	1.3			Swedged
	56	SNIP	1" Hex Nut				
Field	28		1" washer				Std. washer 2 1/2" O.D. x 5 g.p. with 1 1/8" hole
FP	7		Pad 10 x 8	2.0			Fabco Pad "SA97" Req. No.
Allowance to be made for machining when cutting above plates.							
ITEM PROJECT NO. I-IG-95-9(43) 272							
Sole plates "sp" to be field welded to stringers.							

Bearing material to be ASTM-A36, Anchor bolts to be 47, A36, or A307.  
All welds to be made with E70 Electrodes.  
SHOP CONNECTIONS: welded  
FIELD CONNECTIONS:  
HOLES: As noted  
PAINT: Red lead per Maine S.H.C. spec., and as noted.

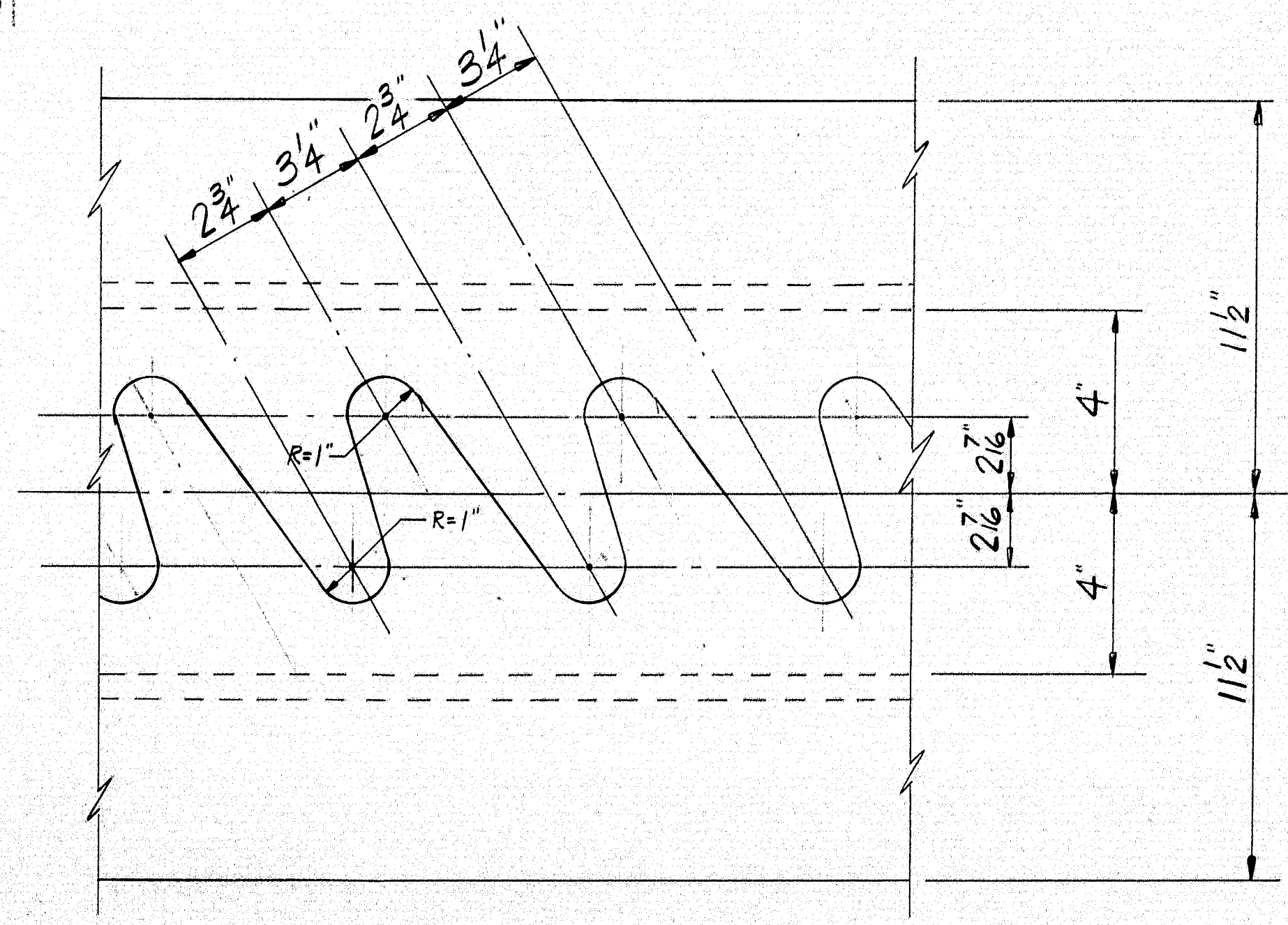
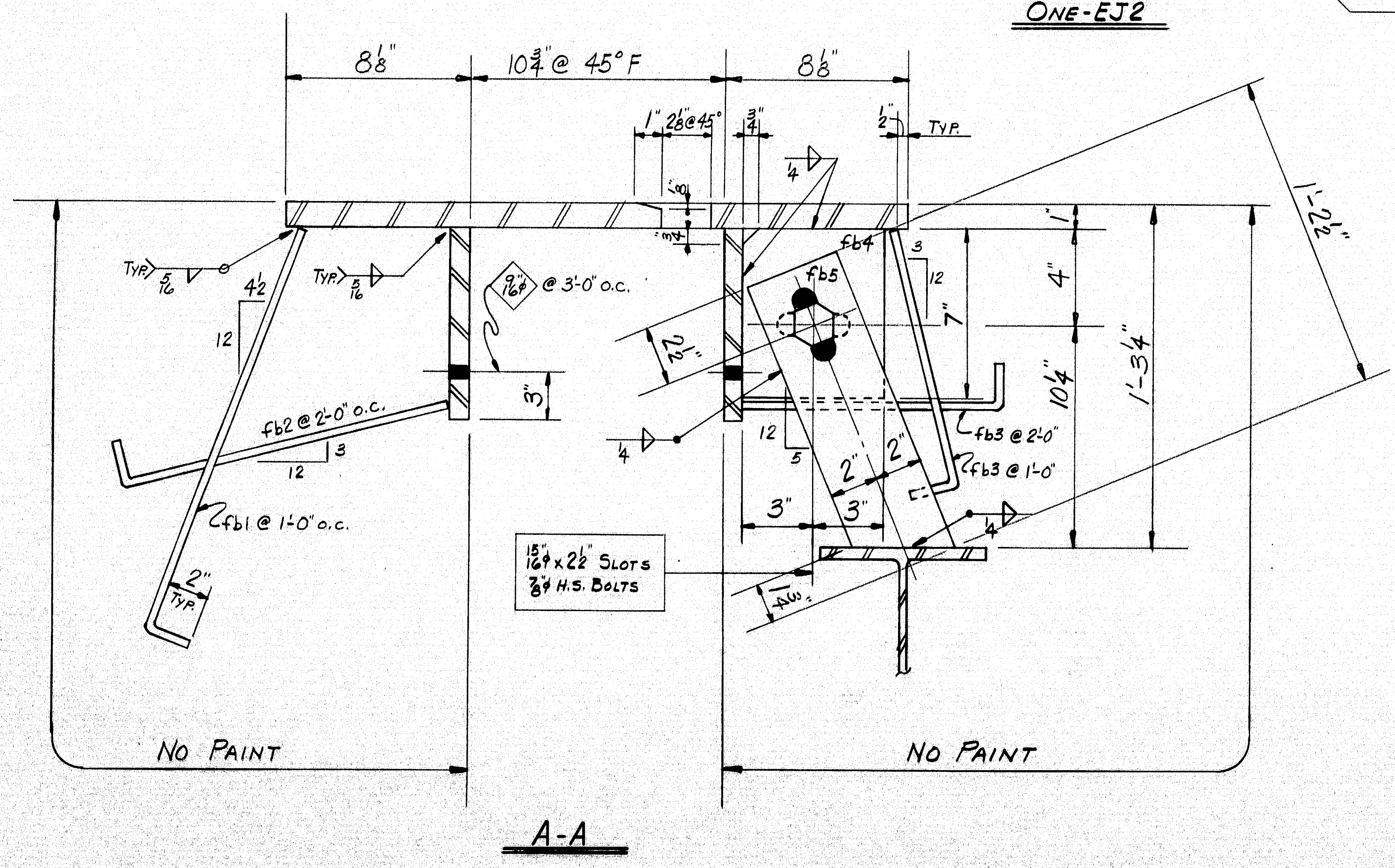
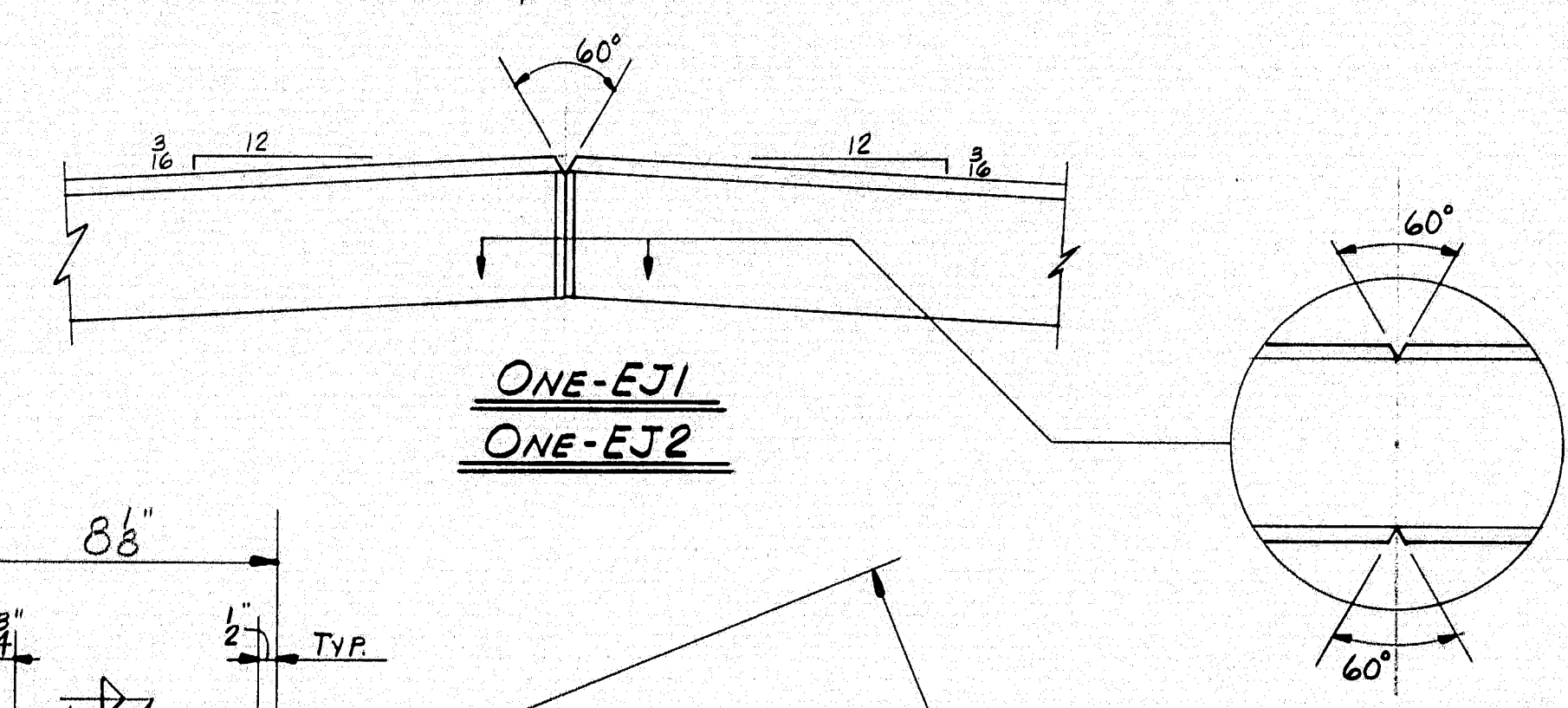
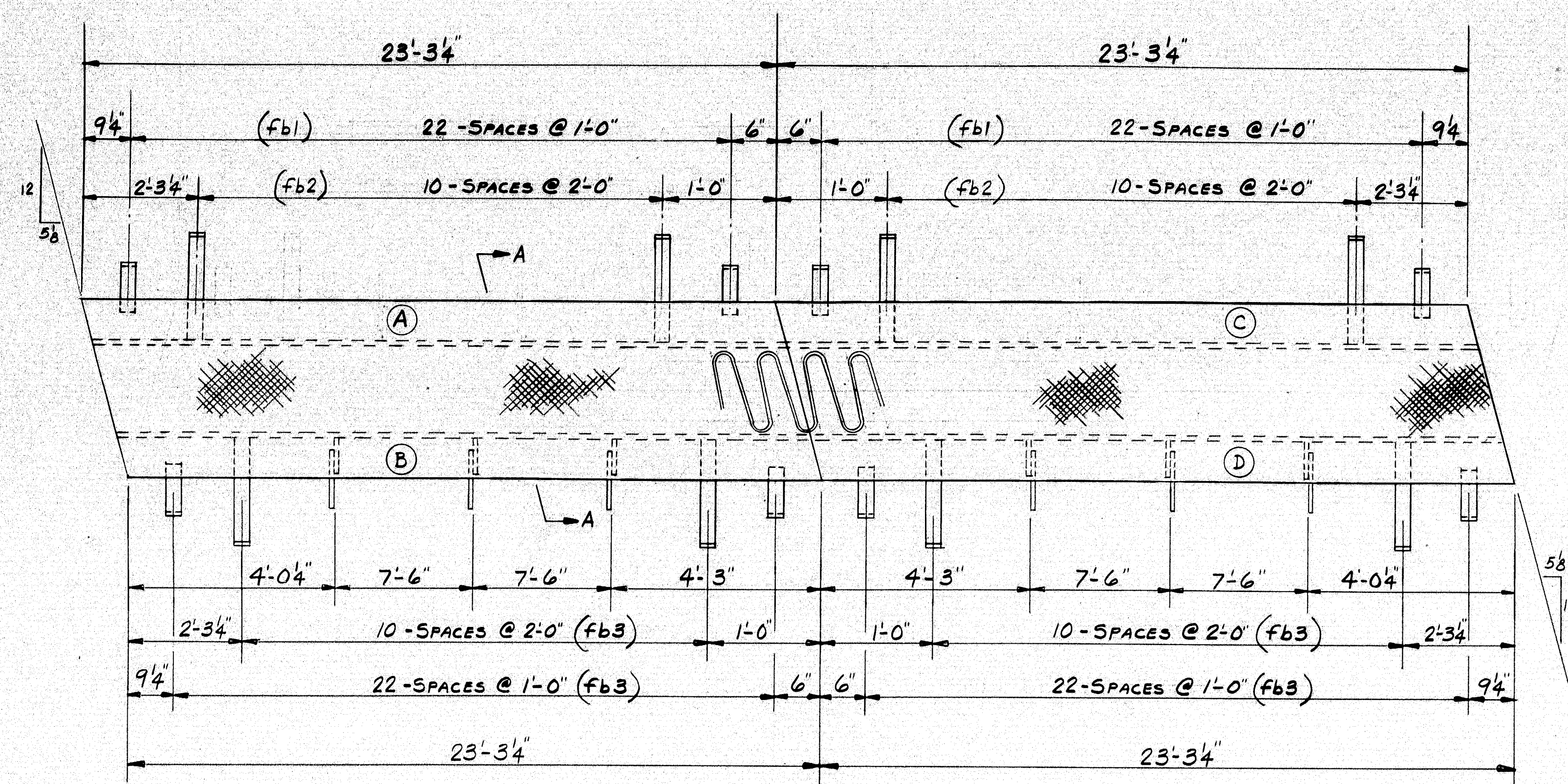
BEARING PEDESTAL DETAIL	
Banerji & Martin Inc. South Portland, Maine	
FISH STREAM & STATE AID No. 1 ISLAND FALLS, MAINE	
CUSTOMER REED & REED DESIGNER M.S.H.C. BRIDGE DIV.	
ORDER NO. VERBAL	DWG. NO. 866-249-55

3-S.H.C. 11-29-66  
4-BRT. REQ. 8-16-66  
3-FA 8-16-66  
DRAWN 8-16-66 C.J.M.  
REVISION  
REVISION  
REVISION









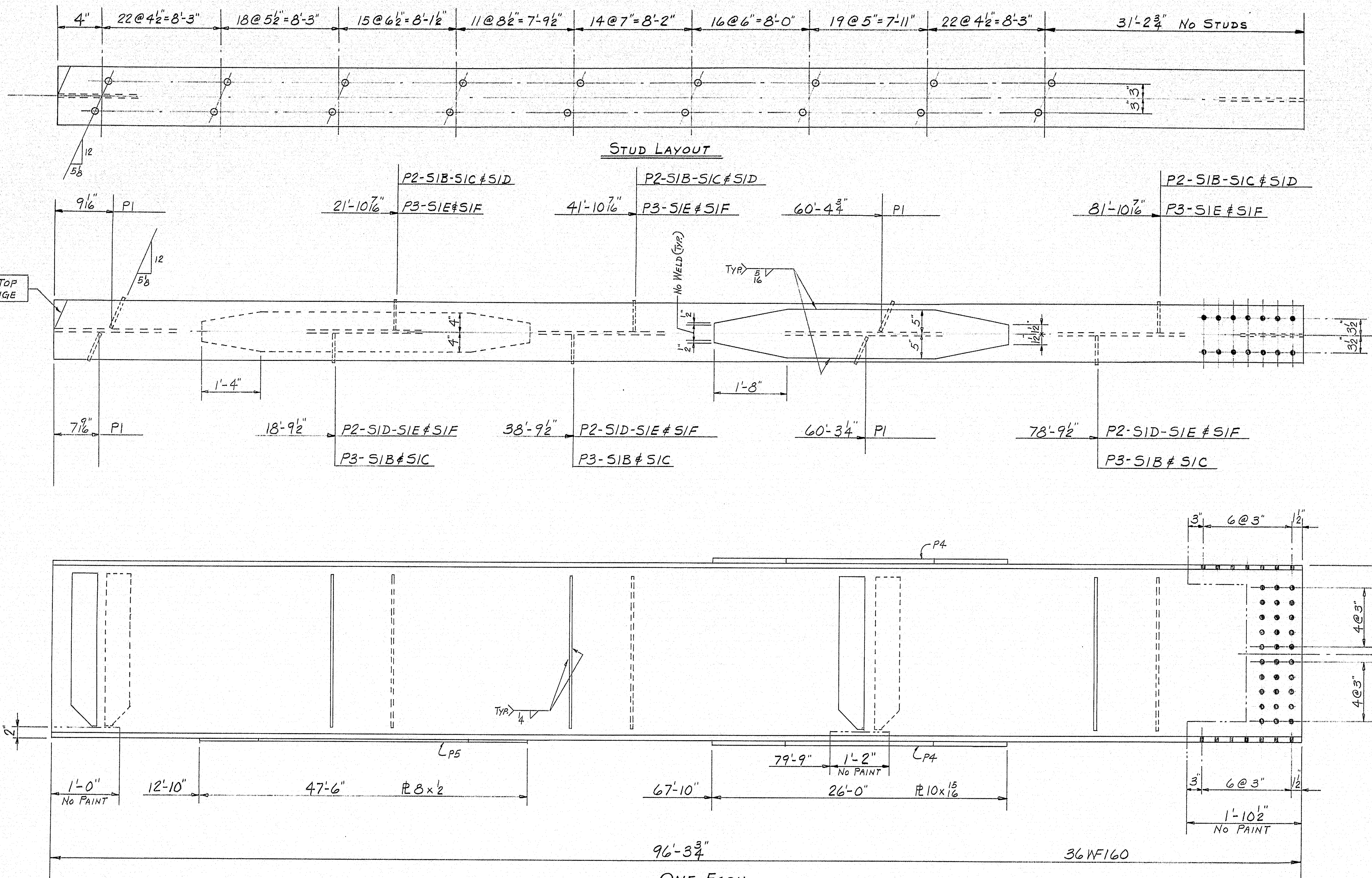
SHIP		BILL OF MATERIAL				DWG. B66-249-S5
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
EJIA	1		EXPAN. DAM			
EJIB	1					
EJIC	1					
EJID	1					
EJ2A	1					
EJ2B	1					
EJ2C	1					
EJ2D	1		do			
	4		R 23 x 1	24 1/6		CHKD. P. A36
	8		R 3 x 3/4	24 1/6		A36
	92	fb1	FB 2 x 3/8	1 8		
	44	fb2	do	1 4		
	136	fb3	do	1 1		
	12	fb4	FB 6 x 3/8	0 7		
	12	fb5	FB 4 x 3/8	1 2 1/2		do
	12	SHOP	3/8" H.S. BOLT	0 24		A325
	12	SHOP	3/8" H.S. WASHERS			

SHOP CONNECTIONS: WELD (E70 LOW-HYDROGEN)  
 FIELD CONNECTIONS:  
 HOLES: 1/8" U.N.  
 PAINT: STATE OF MAINE SPEC'S.

Proj. No. I-IG-95-9(43)272		EXPANSION DAMS	
PRINT ISSUE		Bancroft & Martin Inc.	
		Brewer, Maine	
		FISH STREAM & STATE AID No. 1	
		ISLAND FALLS, MAINE	
		CUSTOMER REED & REED	
		DESIGNER M.S.H.C.	
		ORDER VERBAL	
		DWG. B66-249-S5	

97-152





ONE EACH  
SIB-SIC-SID-SIE-SIF

PLACE ANY NATURAL  
CAMBER UP.

THIS END ABUT. #1

MATCH THIS END WITH  
STRINGERS MARKED "S2"

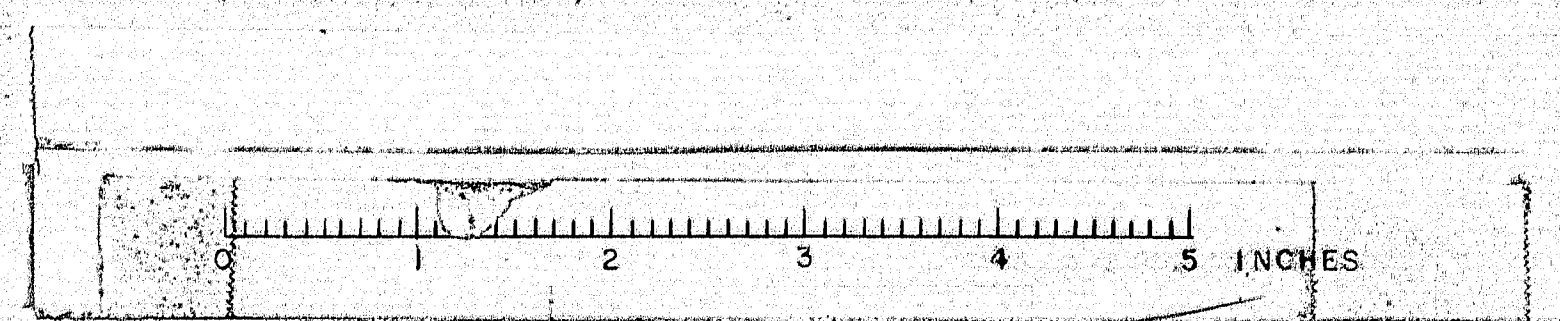
SHIP		BILL OF MATERIAL				DWG. B66-249-56
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
SIB	1		36WF160	96'3 3/4"		A36
SIC	1			96'3 3/4"		
SID	1			96'3 3/4"		
SIE	1			96'3 3/4"		
SIF	1		do	96'3 3/4"		do
	20	P1	PL 6x3	2'7"		A36
	18	P2		2'7"		
	12	P3	do	2'7"		
	10	P4	PL 10x1 1/2	26'0"		
	5	P5	PL 8x2	47'6"		do
	1380	SHOP	3/4" NELSON STUDS	0'5"		

SHOP CONNECTIONS: WELD E70 LOW-HYDROGEN  
FIELD CONNECTIONS: BOLT  
HOLES: 1/8" U.N.  
PAINT: STATE OF MAINE SPEC'S.

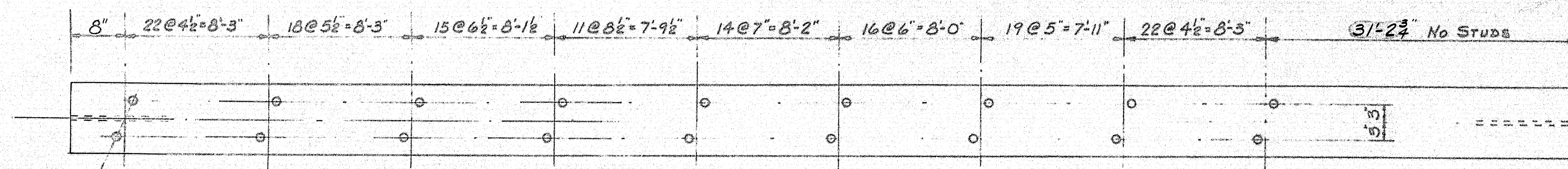
PROJ. No. I-IG-95-9(43)272

PRINT ISSUE		STRINGERS SPAN #1	
		Bancroft & Martin Inc. Brewer, Maine	
3	S.H.C.	11-27-66	FISH STREAM & STATE AID No. 1
3	CUST.	10-13-66	ISLAND FALLS, MAINE
6	SHOP	10-13-66	
3	F.A.	9-26-66	
DRAWN	9-17-66	C.J.M.	CUSTOMER REED & REED
REVISION			DESIGNER M.S.H.C.
REVISION			ORDER VERBAL
REVISION			DWG. B66-249-56

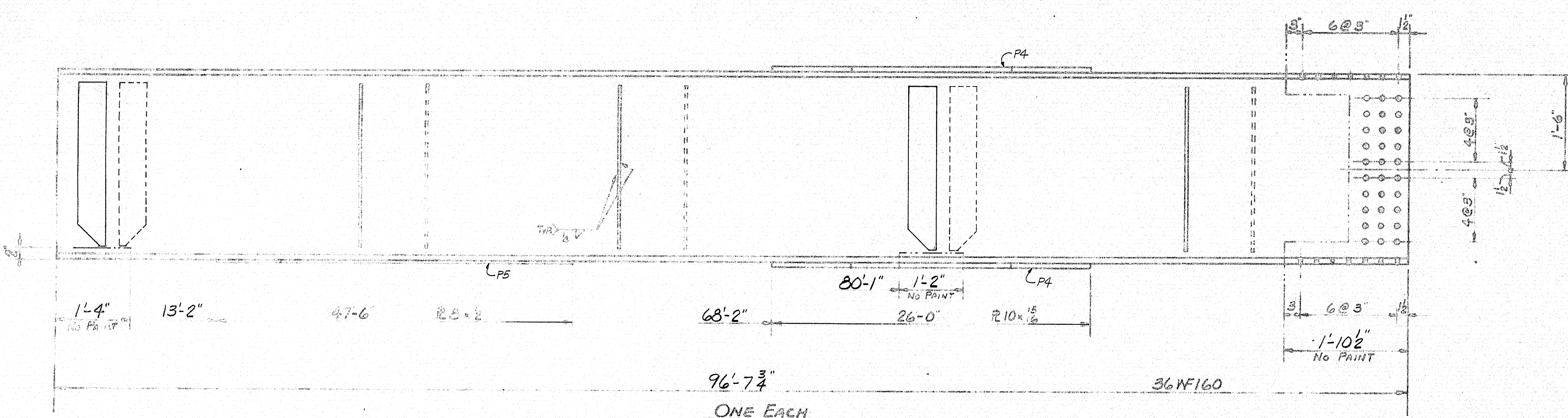
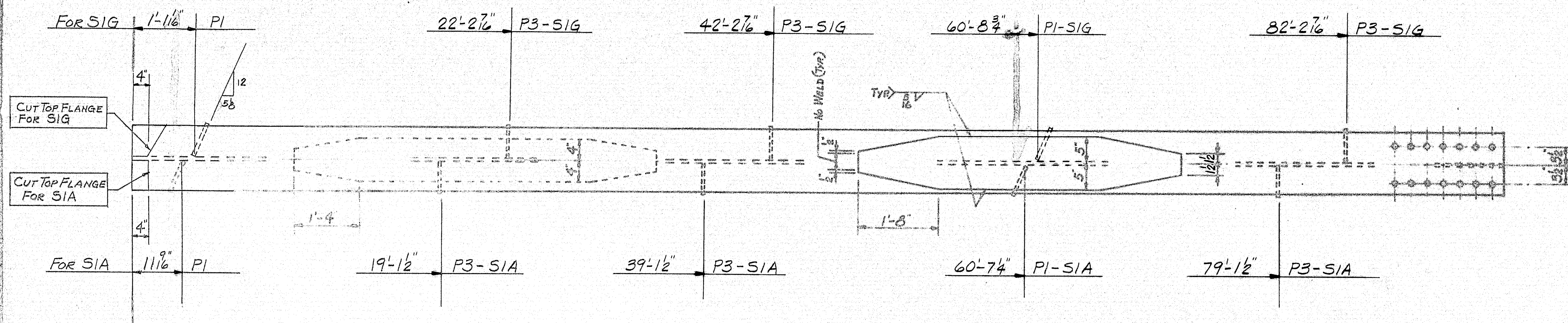
97-153







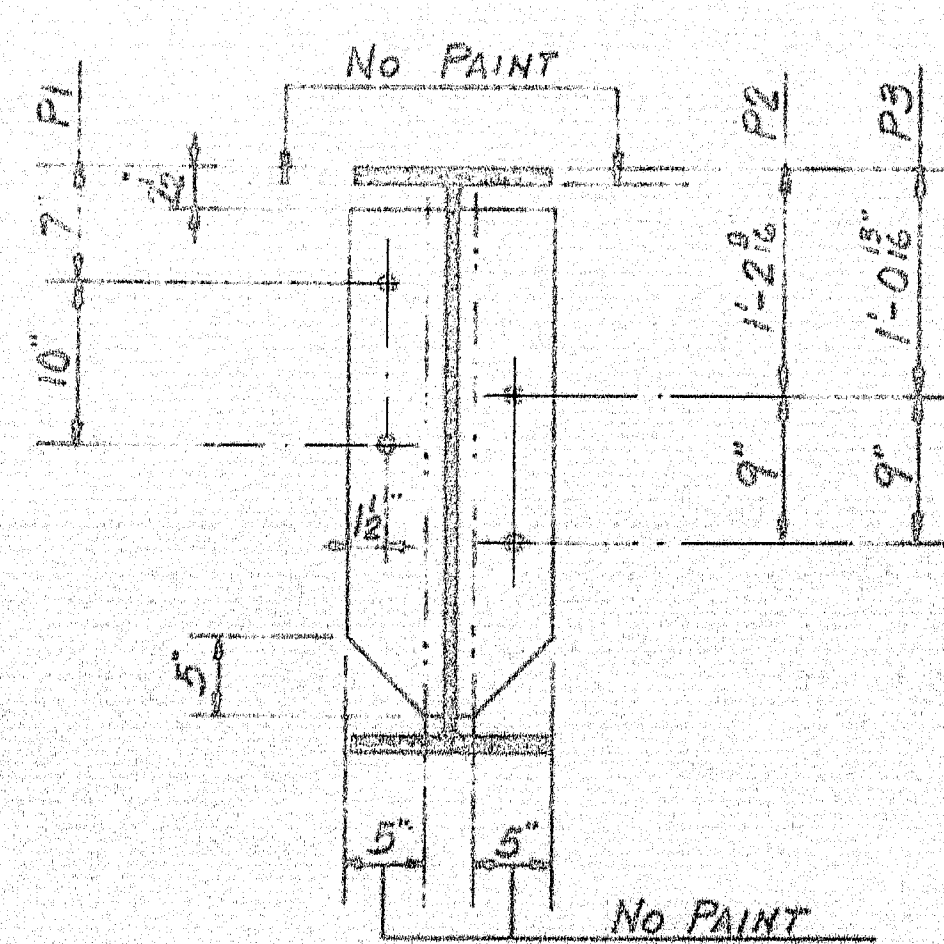
STUD LAYOUT



ONE EACH  
SIA & SIG

PLACE ANY NATURAL  
CAMBER UP

THIS END ABOUT 1



MATCH THIS END WITH  
STRINGERS MARKED-52

SHIP		BILL OF MATERIAL				DWG. B66-249-52
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
SIA	1		36WF160	96' 7 3/4"		A36
SIG	1		do	96' 7 3/4"		do
	4	P1	P6x3	2' 7"		A36
	6	P3	do	2' 7"		
	4	P4	P10x1 1/2	26' 0"		
	2	P5	P8x2	47' 6"		do
	552	SHOP	39" NELSON STUDS	0' 5"		

SHOP CONNECTIONS: WELD E70 LOW-HYDROGEN  
FIELD CONNECTIONS: BOLT  
HOLES: 1/8" U.N.  
PAINT: STATE OF MAINE SPECS.

Proj. No. I-IG-95-9(43) 272

STRINGERS SPAN #1	
Bancroft & Martin Inc. Bancroft, Maine	
FISH STREAM & STATE AID No. 1 ISLAND FALLS, MAINE	
CUSTOMER REED & REED DESIGNER M.S.H.C.	
ORDER VERBAL DWG. B66-249-52	

97-154









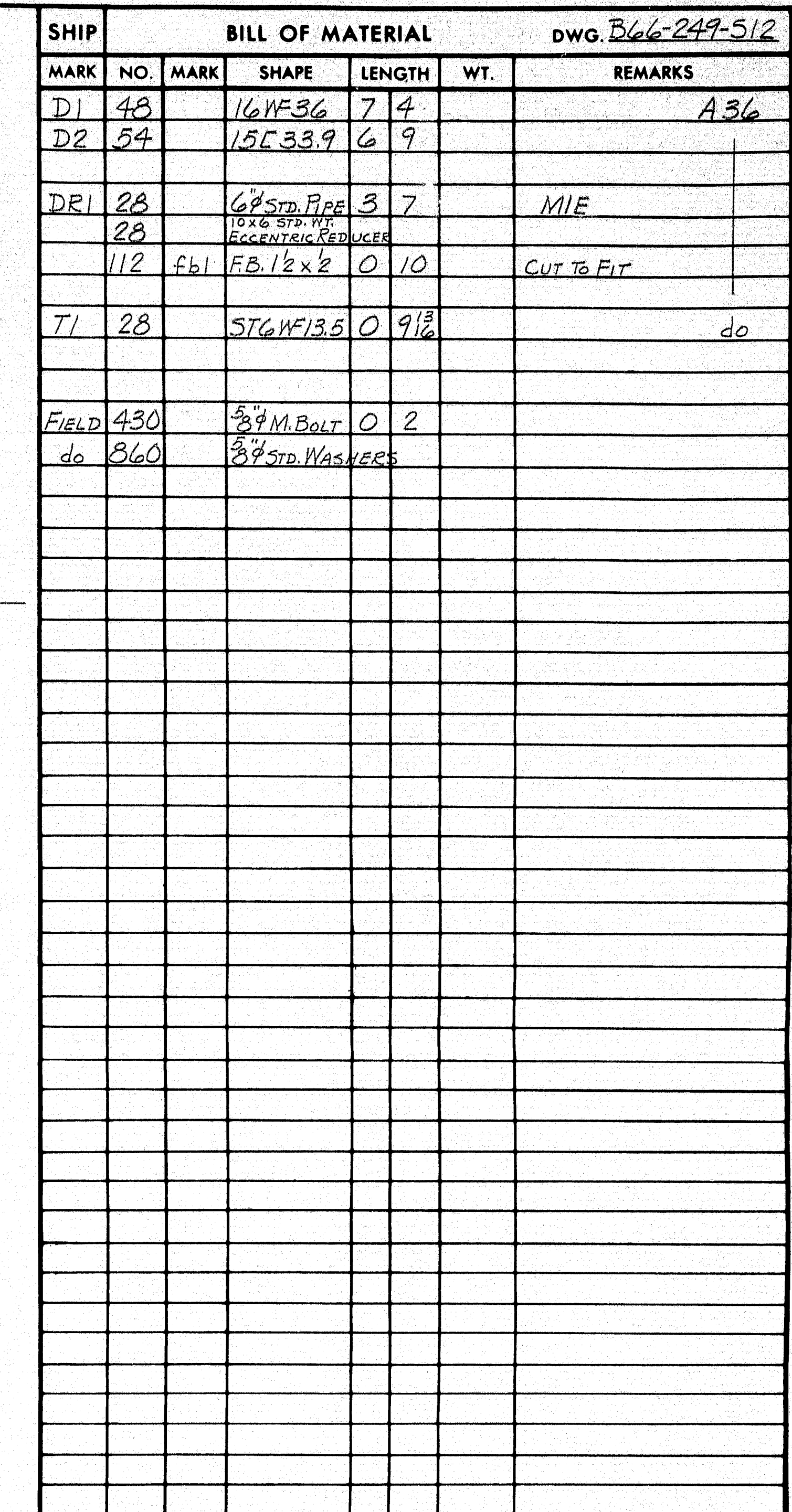
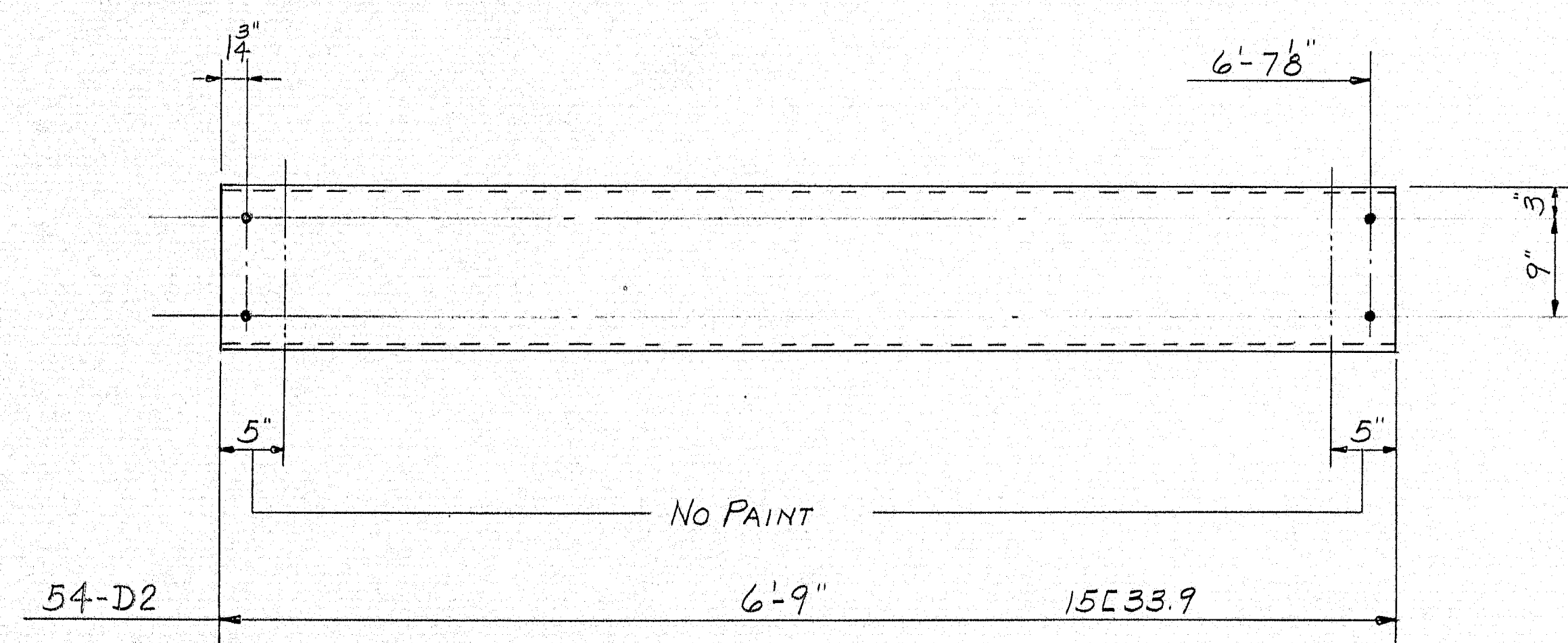












SHOP CONNECTIONS: WELD E70 LOW-HYDROGEN  
FIELD CONNECTIONS: WELD & BOLT  
HOLES: 15"  
16" U.N.  
PAINT: STATE OF MAINE SPEC'S.

Proj. No. I-IG-95-9(43)272

## DIAPHRAGMS & DRAINS

*Bancroft & Martin Inc.*  
*Brewer, Maine*

FISH STREAM & STATE AID No. 1  
ISLAND FALLS, MAINE

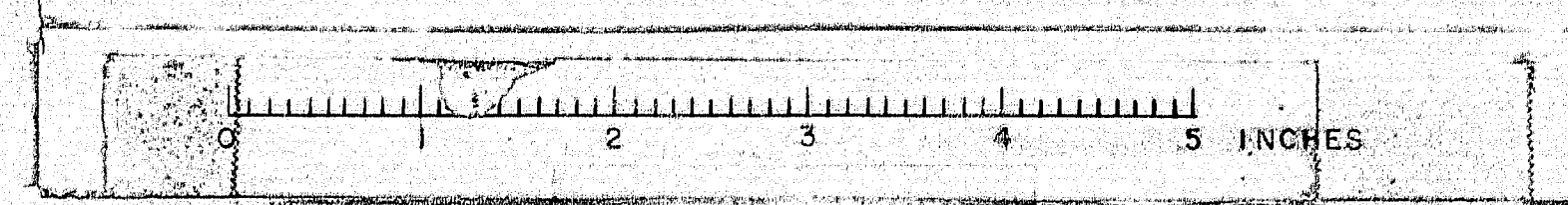
CUSTOMER REED & REED  
DESIGNER M.S.H.C.

ORDER <u>VERBAL</u>	DWG. <u>B66-249-512</u>
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APP AS NOTED 10-10-66

PRINT ISSUE		
3	S.H.C.	11-29-66
3	CUST.	10-13-66
6	SHOP	10-12-66
3	F.A.	9-26-66
DRAWN	9-29-66	C.J.M.
REVISION		
REVISION		
REVISION		

97-159

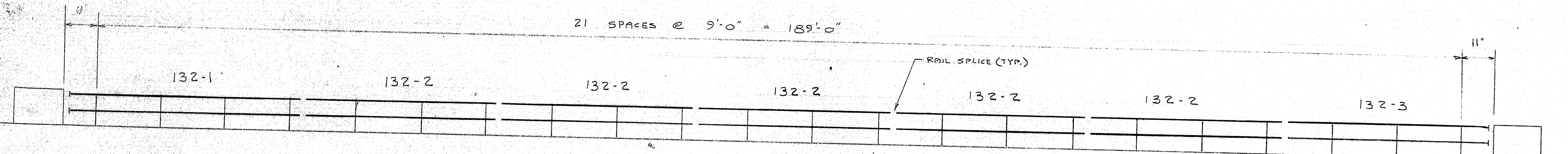






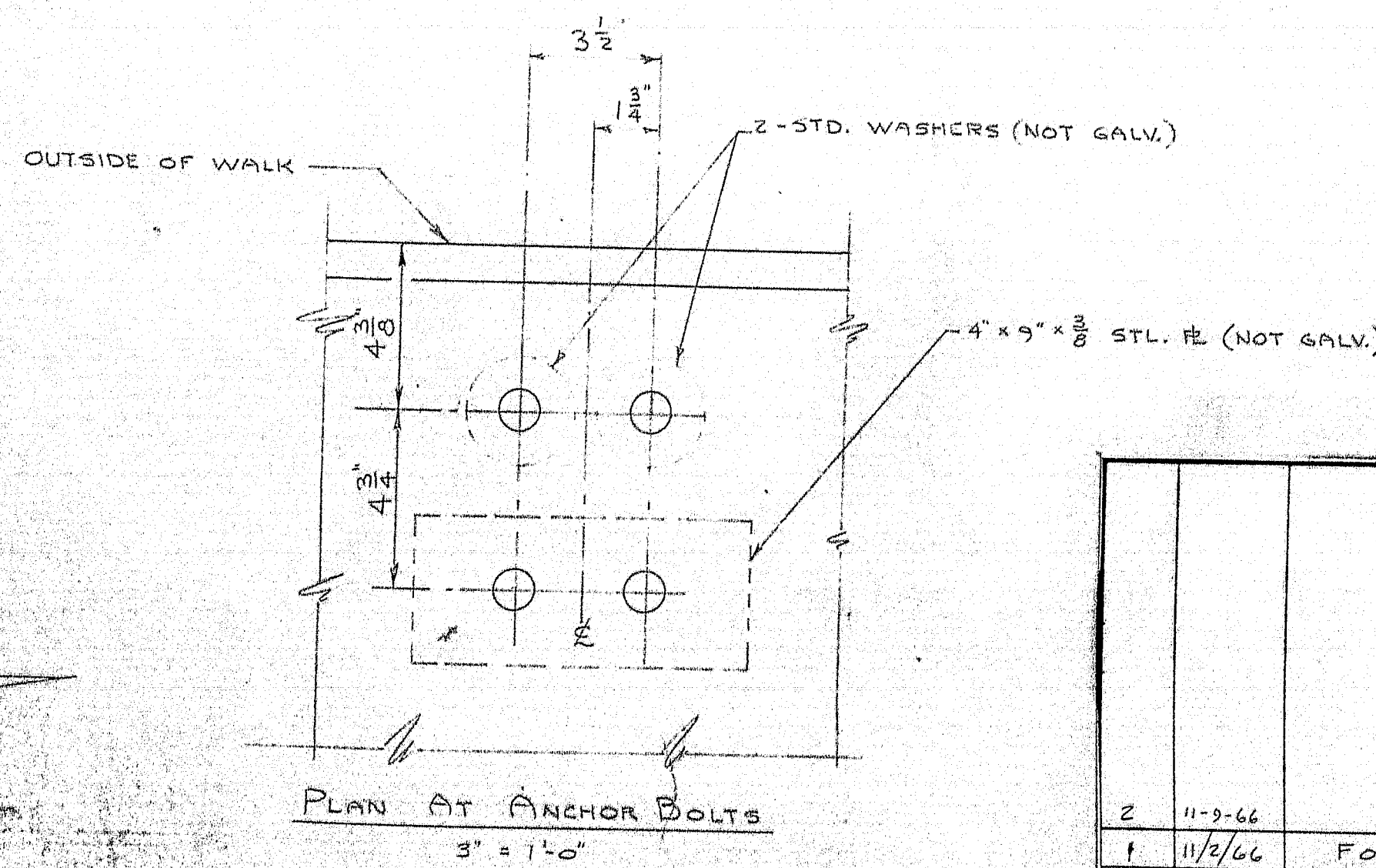
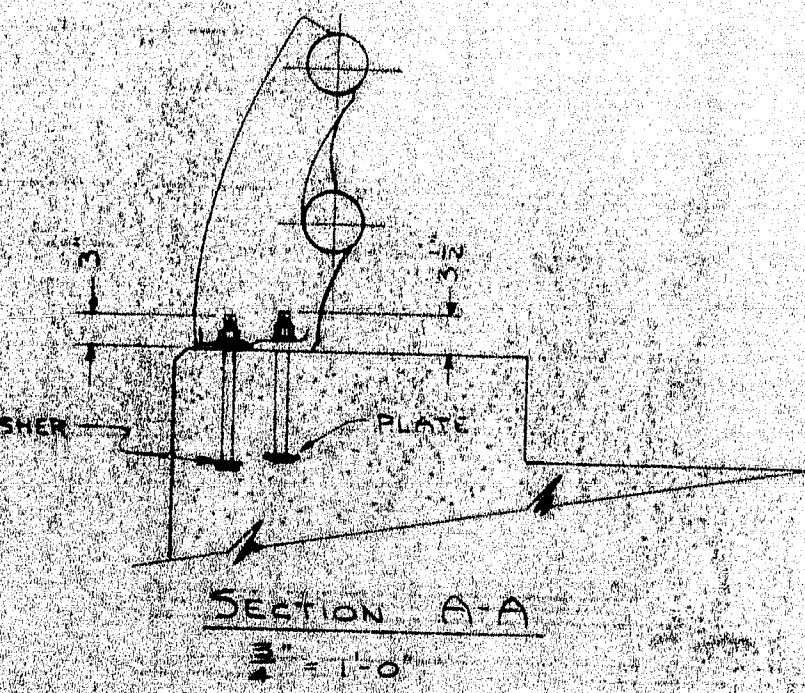
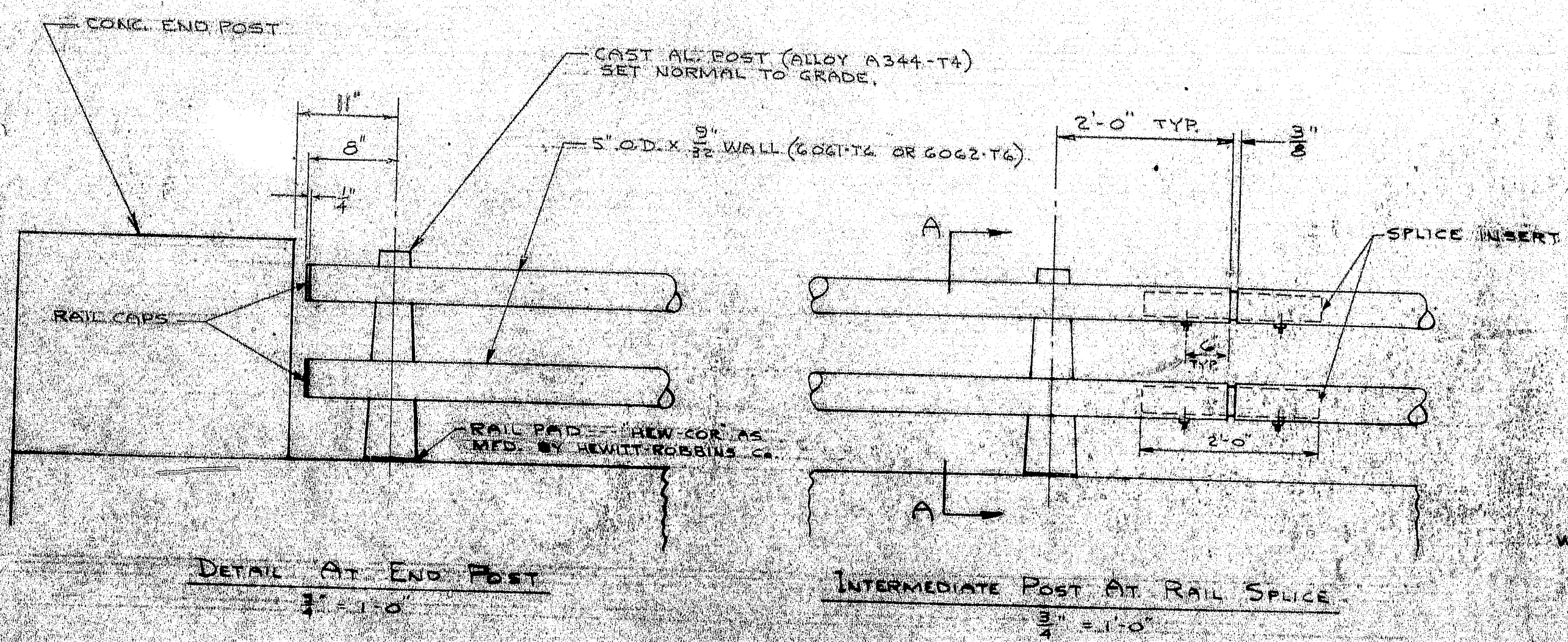


BILL OF MATERIAL		DWG # BR-132		WW# 754	
QUAN	MISC. ITEMS	5" O.D. X 3/8" WALL		5" O.D. X 3/8" WALL	
		MARK	QUAN	MARK	QUAN
44	CAST POST (ALLOY A344-T4)	132-1	4	132-1	4
48	RAIL PAD	132-2	20	132-2	20
176	1 1/8" X 1/2" LG GALV. STUD. W/ DZK AT ONE END & 1/2" AT OPP. END	132-3	4	132-3	4
176	1 1/8" GALV. STL. HEX. NUTS				
176	1 1/8" STL. HEX. NUTS (NOT GALV.)				
176	1 1/8" GALV. STL. WASHERS				
88	1 1/8" STL. WASHERS (NOT GALV.)				
44	5/4" X 3/8" STL. PL. (UNPAINTED OR GALV.)				
176	1 1/8" FABRIC WASHER				
88	TOGGLE BOLT				
8	RAIL CAP				
24	3/8" - 16 NC X 3/4" LG SOCKET-HEAD OVAL POINT SET SCREW (2024-T4)				
24	3/8" - 16 NC X 1" LG. SOCKET-HEAD CONE POINT SET SCREW (2024-T4)				
48	3/8" - 16 NC AL. JAM NUTS				
24	4 3/8" O.D. X 1/2" WALL X 2'-0" LG. ALUM. SPLICE INSERT				

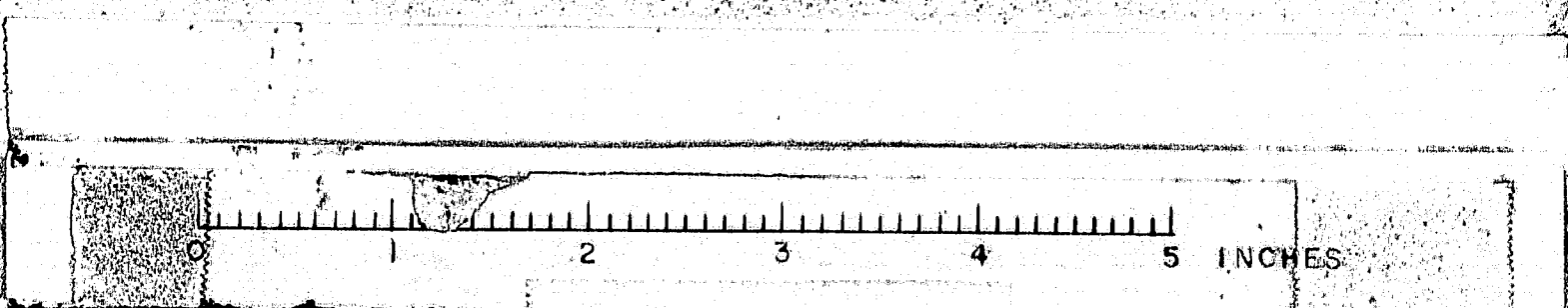


#### GENERAL NOTES

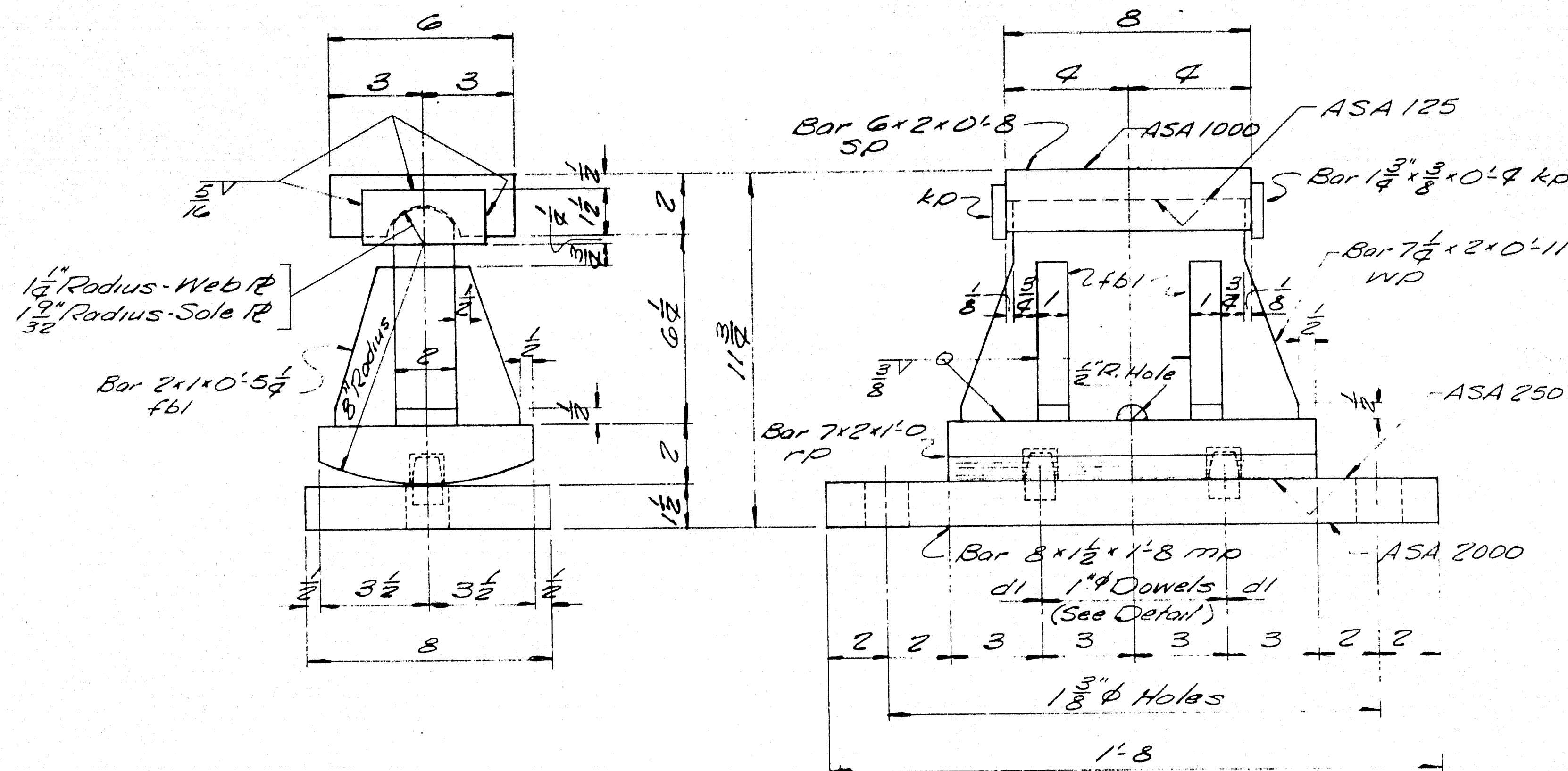
1. FOR ADDITIONAL DETAILS, SEE MAINE STATE HIGHWAY COMMISSION DWG. # BD 108-64.
2. HOLES IN 5" O.D. TUBE FOR SET SCREWS SHALL BE DRILLED IN FIELD BY ERECTOR.
3. STEEL NUTS, WASHERS & WASHER PL. WHICH ARE EMBEDDED IN CONCRETE, NEED NOT BE GALVANIZED.



111-102		WARD WELLER CO., INC.	
		215 OAK STREET	
		NATICK, MASSACHUSETTS	
		MAINE STATE HIGHWAY COMMISSION	
		BRIDGE DIVISION	
		INTERSTATE 95 S.B. OVER B&A RR.	
		AND EXISTING ROUTE 155	
		ALUMINUM BRIDGE RAILING	
		(2-RAIL CAST POST)	
		CONTRACTOR: REED & REED CONSTRUCTION CO.	
2	11-9-66	APPROVED	
1	11/9/66	FOR APPROVAL	
ISSUE	DATE	DESCRIPTION	BY: CH. 1/12
		SCALE: 1/4" = 1'-0"	WW# 754
		BR-132	
		SHEET 1 OF 1	

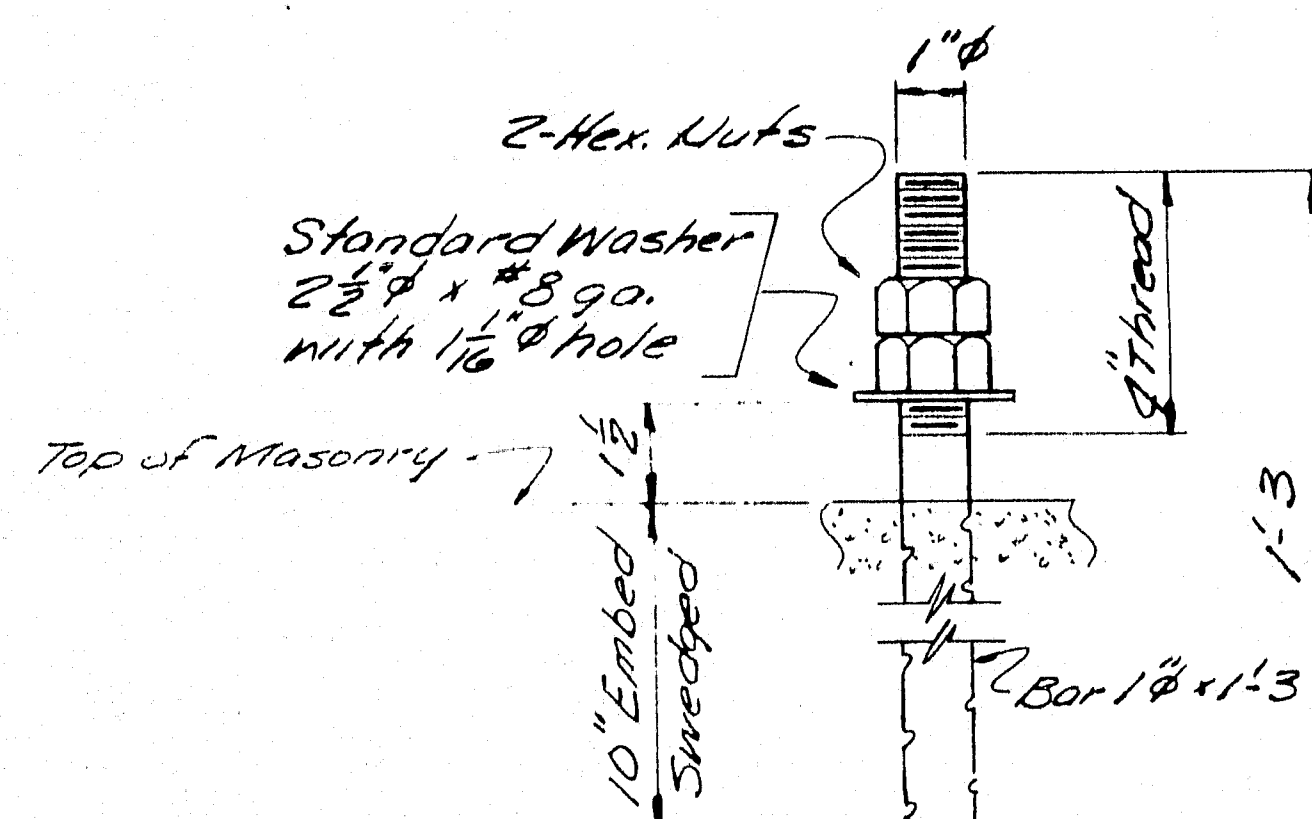






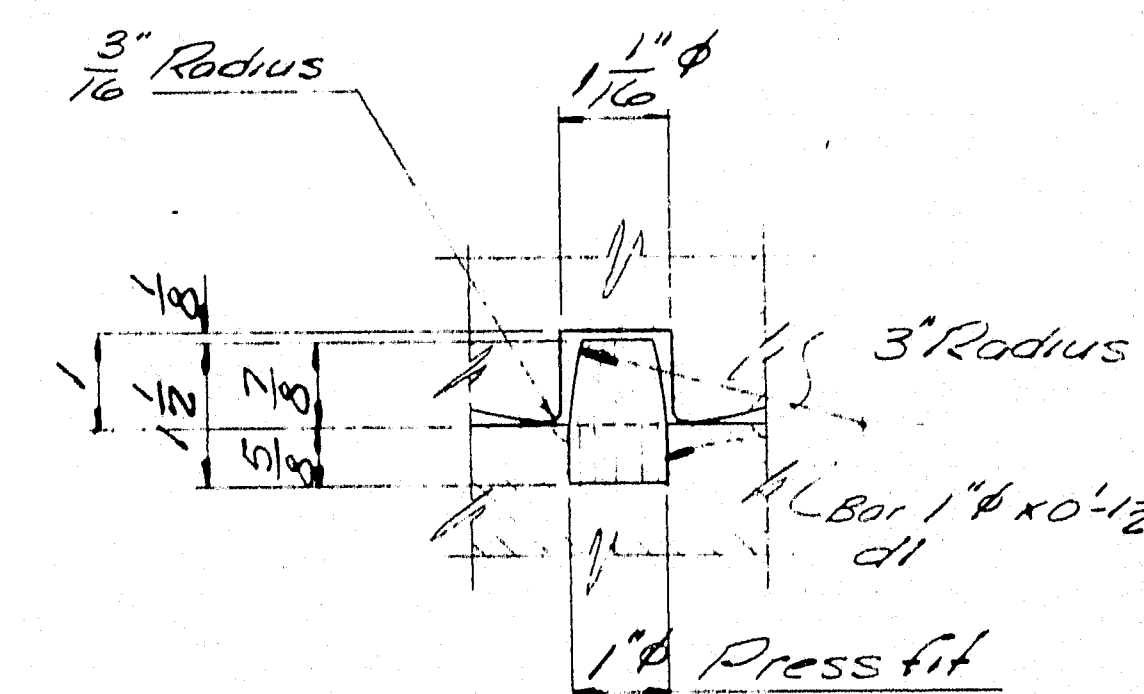
### EXPANSION PEDESTAL EPC-2

14 - REQ'D.



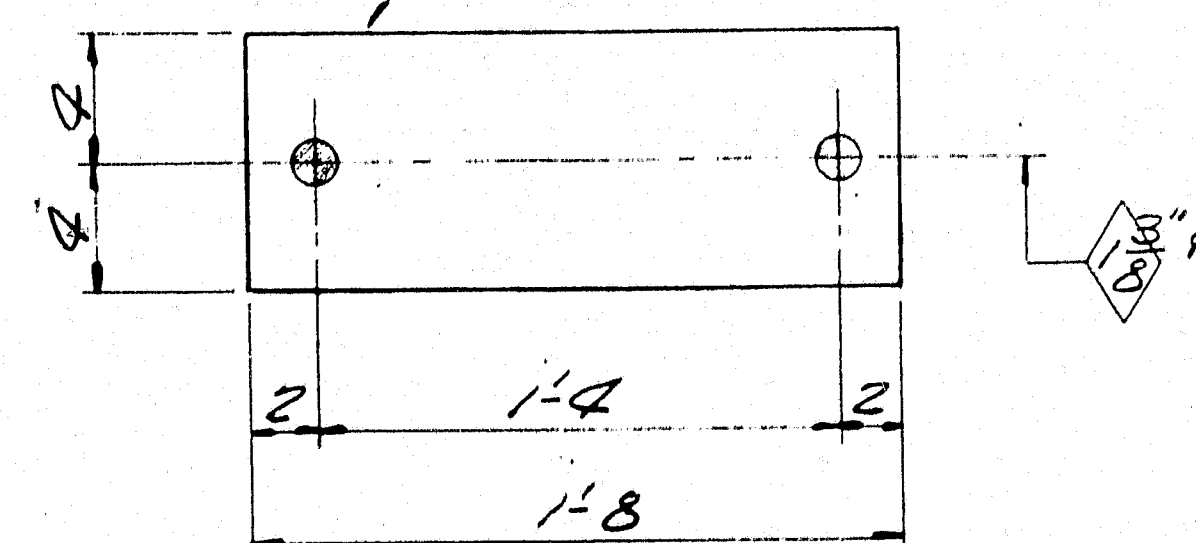
### ANCHOR BOLT ABI

28 - REQ'D.



### DOWEL DETAIL

FABCO PAD "SA47"  
8 x 1/2 x 1.8



### FABCO "SA47" PAD

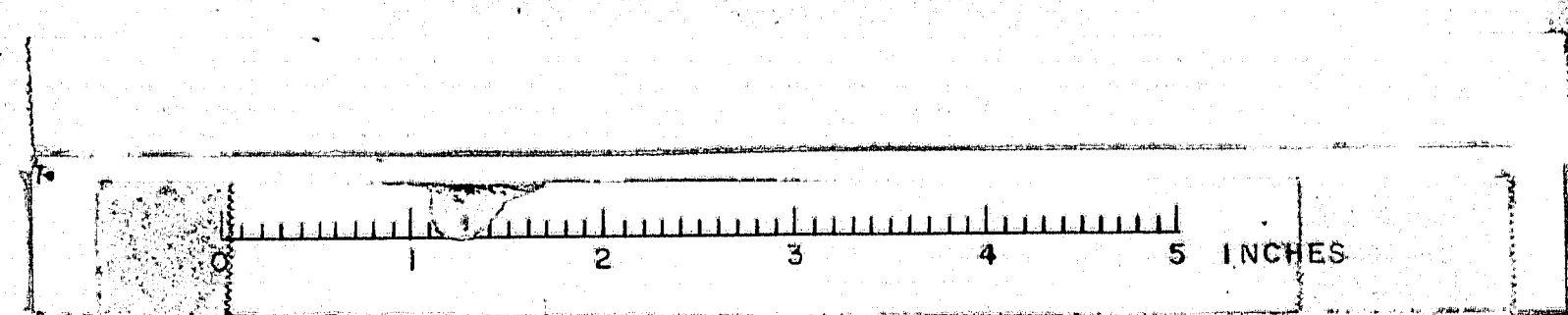
FP 14 - REQ'D.

### PAINT NOTE:

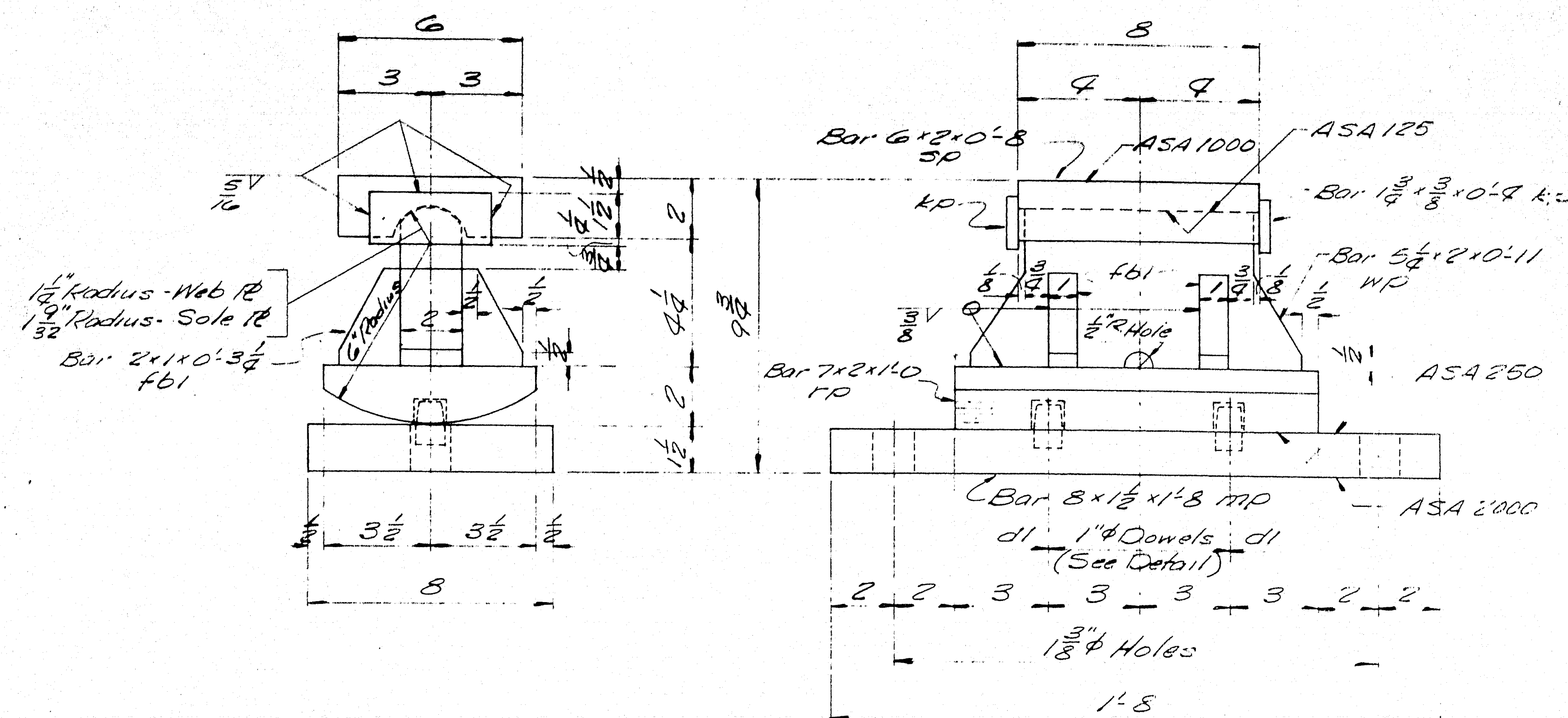
No paint on top of sole plates "sp" and 1" down from top on sides, coat with boiled linseed oil.  
No paint on surface with ASA 125 finish, coat with mixture of white lead and tallow.  
No paint on Anchor bolts - oil them.

SHIP		BILL OF MATERIAL				DWG. NO. B66-249-50
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
EPC2	14		EXPANSION PEDESTAL ASSY.			
	14	MP	Bar 8x1 1/2	1.8		
	14	KP	Bar 7x2	1.0		
	14	WP	Bar 7/8 x 2	0.11		
	14	SP	Bar 6x2	0.8		
	56	FBI	Bar 2x1	0.5 1/2		
	28	d1	Bar 1 1/2	0.1 1/2		
	28	KP	Bar 7/8 x 2	0.4		
ABI	28		Bar 1 1/2	1.3		Swaged
	56	Shop	1" Hex Nuts			
Field	28		1" Washer			Std. Washer - 2 3/8" O.D. x 8 g.o. with 1/16" hole
FP	14		Pad 8x1/2	1.8		FABCO PAD "SA47" Req. No.
<p>Allowance to be made for Machining when cutting above plates.</p> <p>ITEM PROJECT NO. I-JG-95-9(43) 272 Sole plates "sp" to be field welded to stringers.</p> <p>Bearing material to be ASTM-A36. Anchor Bolts to be A7, A36, or A307. All welds to be made with E70 Electrodes.</p> <p>SHOP CONNECTIONS: Welded FIELD CONNECTIONS: As Noted HOLES: As Noted PAINT: Red lead per Maine S.H.C. Spec, and as noted.</p>						
<p>BEARING PEDESTAL DETAIL</p> <p>Bancroft &amp; Martin Inc. South Portland T, Maine</p> <p>FISH STREAM &amp; STATE AID No. 1 ISLAND FALLS, MAINE</p> <p>CUSTOMER REED &amp; REED DESIGNER M.S.H.C. BRIDGE DIV.</p> <p>ORDER NO. VERBAL DWG. NO. B66-249-50</p>						
<p>3-S.H.C. 11-29-66 4-PRT. REQ. 8-16-66 3-FA. 8-16-66 DRAWN 8-16-66 C.J.M.</p> <p>REVISION REVISION REVISION</p>						

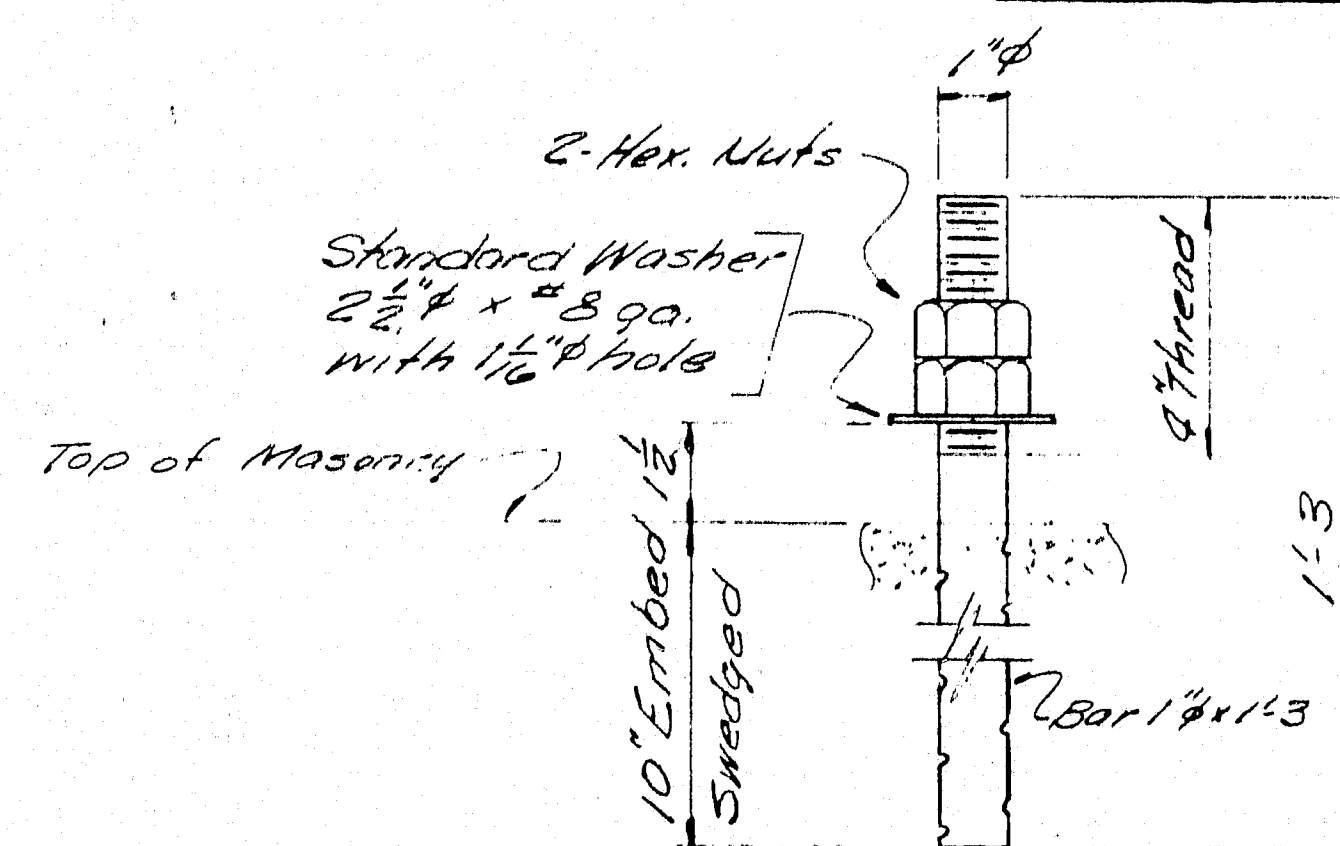
97-149



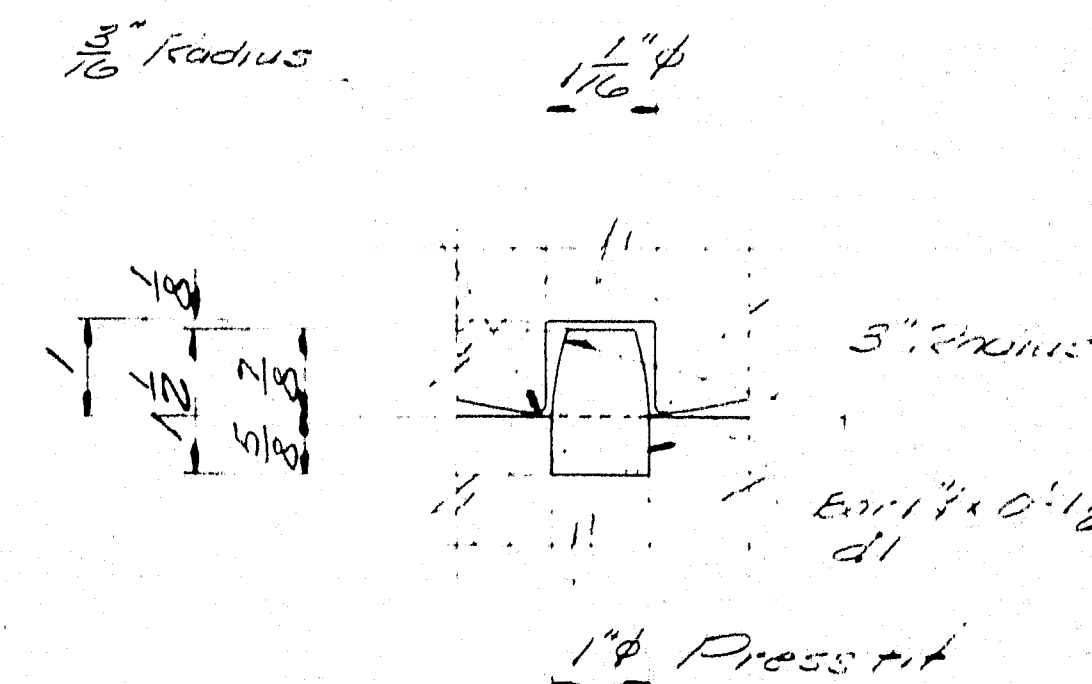




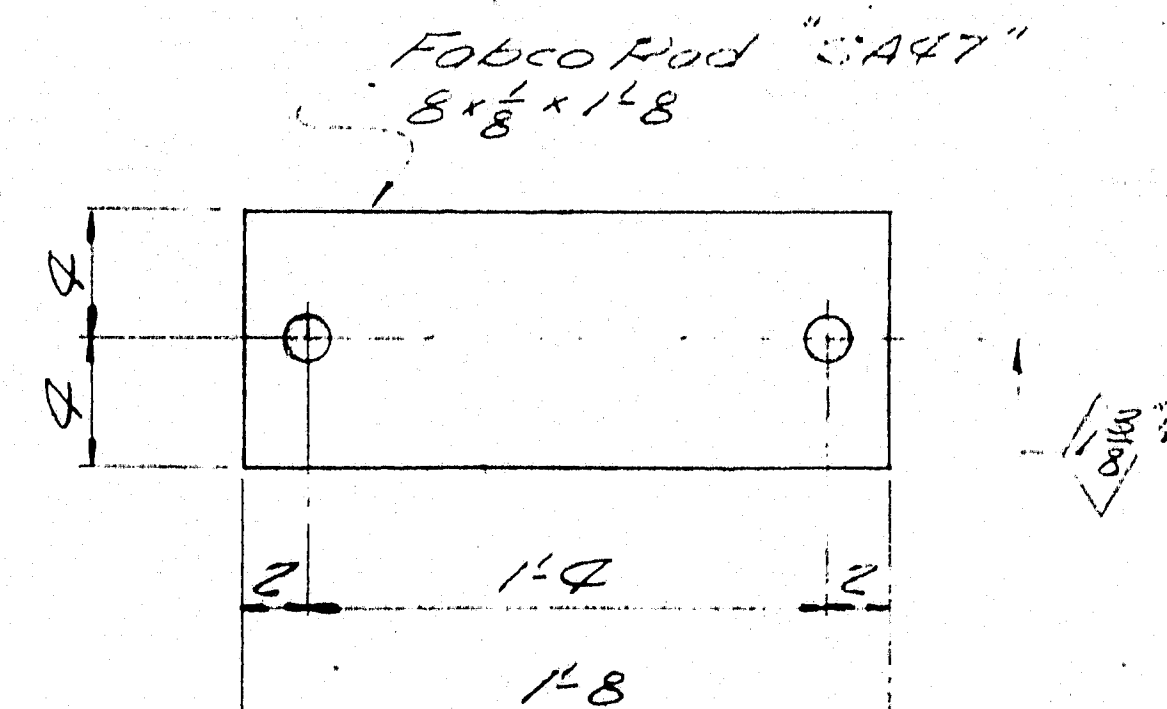
EXPANSION PEDESTAL EPC-1  
14 - REQ'D.



ANCHOR BOLT ABI  
28 - REQ'D.



DOWEL DETAIL



FABCO "SA47" PAD  
FP 14 - REQ'D.

PAINT NOTE:

No paint on top of sole plates "sp" and 1" down from top on sides, coat with boiled linseed oil.  
No paint on surface with ASA 125 finish, coat with mixture of white lead and tallow.  
No paint on Anchor bolts - oil threads.

SHIP		BILL OF MATERIAL				DWG. NO. B66-71-S1
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
EPC-1	14		EXP PEDESTAL	14		ASSY
	14	MD	Bar 8x1/2	1	8	
	14	MD	Bar 7x2	1	0	
	14	MD	Bar 5 1/2x2	0	11	
	14	MD	Bar 6x12	0	8	
	56	FBI	Bar 2x1	0	3 1/2	
	28	DI	Bar 1/2	0	1 1/2	
	28	KP	Bar 1/2	0	4	
ABI	28		Bar 1/2	1	3	Shedged
56	SHIP		1" Hex Nut			
Field	28		1" Washer			Std. Washer 2 1/2" O.D. x 3/8" g. with 1/8" hole
FP	14		Pro 5.8	1	8	Fabco Pad "SA47" Req. No.
<p>Allowance to be made for machining in set cutting above plates.</p> <p>ITEM -</p> <p>PROJECT NO. I-95-9(37) 272</p> <p>SOLE PLATES TO BE FIELD WELDED TO STR. MEMS.</p> <p>Bearing material to be ASTM A36, Anchor bolts to be A7, A36, or A307. All welds to be made with E70 Electrodes.</p> <p>SHOP CONNECTIONS: Welded</p> <p>FIELD CONNECTIONS:</p> <p>HOLES: As noted</p> <p>PAINT: Red lead, per Maine S.H.C. Spec., and as noted.</p> <p>APP. 4-20-66</p> <p>BEARING PEDESTAL DETAIL</p> <p>Bancroft &amp; Martin Inc. South Portland 7, Maine</p> <p>I-95-OVER W. BRANCH MATTANAMKEAG RIVER ISLAND FALLS, MAINE</p> <p>CUSTOMER REED &amp; REED DESIGNER M.S.H.C. BRIDGE DIV.</p> <p>DRAWN 4-6-66 C.J.M.</p> <p>REVISION</p> <p>REVISION</p> <p>REVISION</p> <p>ORDER NO. VERBAL DWG. NO. B66-71-S1</p>						