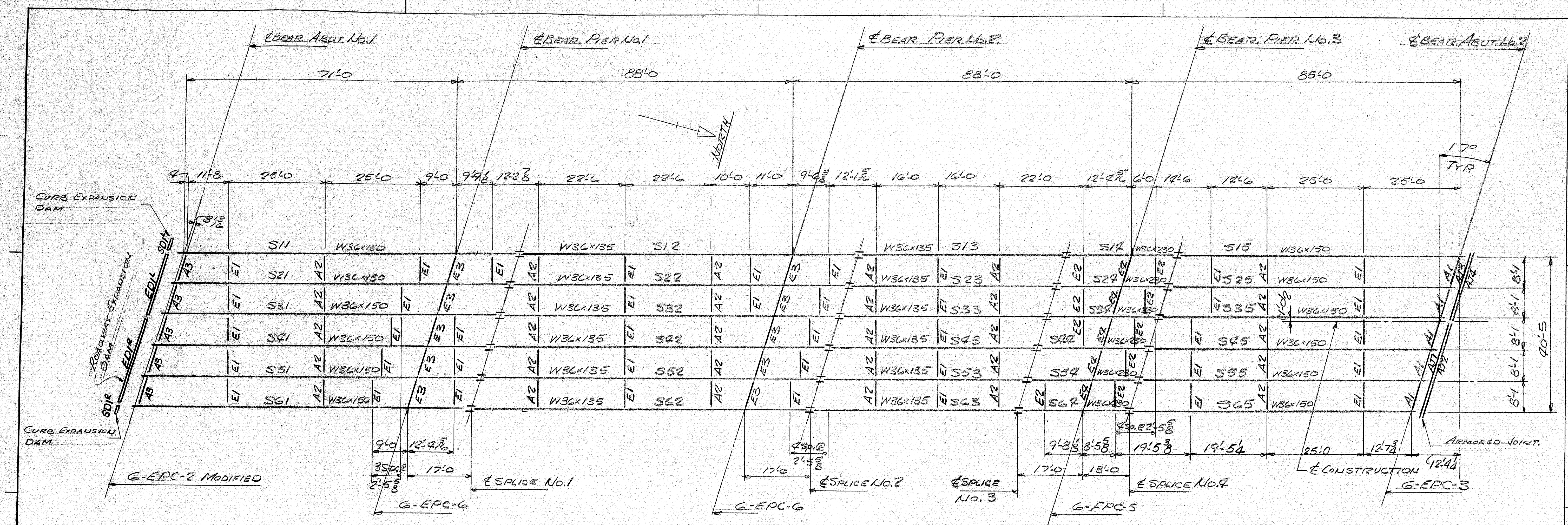


FIELD BOLTS		JOB: 8-80 DWG: 62-1	
SPECIFICATION: 30 A325 Type 3 Unless Noted			
CONNECTING	LENGTHS		
Diaphragms	2	24	3
E1 & E2	600		
E3 & E4		180	
A1 & A2	640		
GELICES			
1 & 2 @ Web		720	
3 & 4 @ Web		840	
1 @ Top & Bot Flg.			288
2 @ " " "			288
3 @ " " "			288
4 @ " " "			384
<p>Modulus 27500</p> <p>For Filling Fleming Bracket Sales 30 A325 Type 3 218</p> <p>Item 501-7002 Part No. I-95-9(34) 269</p>			
LENGTHS:	2	24	3
TOTAL:	653	112	184
+2%			
WASHERS:	PLAIN	CLIPPED	DEVELED
	80	4,315	
TOTAL WEIGHT:			
FIELD BOLTS			
PRINT DIST.	Bancroft & Martin Inc. South Portland 7, Maine		
2 58-79 A	JOB: FISH STREAM & STATE AID No. 1 ISLAND FALLS, ME.		
3 58-79 FAB	CUSTOMER: CIABRO		
2 7-26-79 FSE	DESIGNER: MAINE D.D.T. BRIDGE DIV.		
REV.	ORDER NO.	JOB NO.	DRAWING NO.
CHECKED		8-80	62-1
DRAWN	RGNT		

162-176 (4)





### FRAMING PLAN

- (1) All dimensions are horizontal.
- (2) Bridge is on constant grade.
- (3) All channel diaphragms to toe North.
- (4) SPICE NOTE

In order to maintain the 0-1/4" gap shown, the webs and flanges are to be cut (with the use of mechanical guide) at the time of shop assembly of the field splices. Holes are to be drilled full size from the solid with all material in exact relative field position.

No welding on filler plates or splice plates is allowed; except that web splice plates and fillers may be tack welded for drilling as follows: no weld closer to flange than 1/6 of web width, or longer than 3", or less than approximately 12" on center. All tack welds will be removed and web surface ground flush. Bolt for shipment.

### FIELD CONN:-

BOLTS - 3/4" H.S. Bolts A325 Type 3 U.N.

Holes - 15/16" U.N.

BOLTS - For plugging Form Brk't Holes are 3/4" x 1/2" A325-T3

PROJECT NO. 1-95-9(84)269

ITEM NO. 504.7002

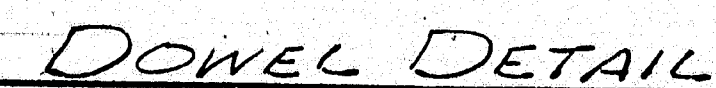
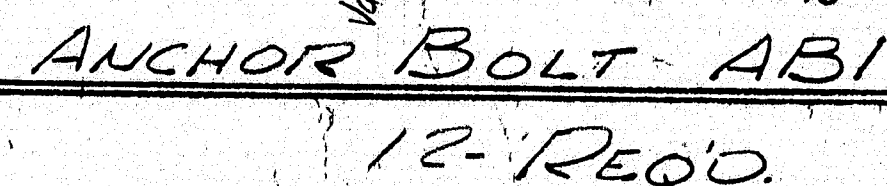
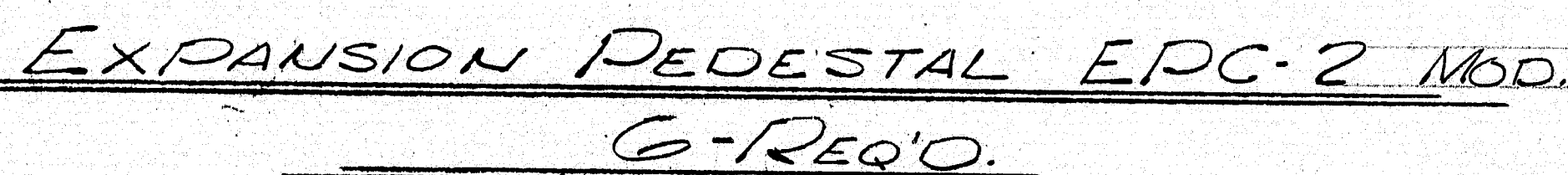
APPROVED 5/25/79

### FRAMING PLAN

PRINT DIST.			Bancroft & Martin Inc.		
2	4-6-79	A	South Portland, Maine 04106		
2	5-4-79	A	JOB FISH STREAM & STATE AID NO. 1		
2	5-21-79	FA	ISLAND FALLS, MAINE.		
3/1	5-31-79	FAB	CUSTOMER: CANARD CORP.		
			DESIGNER: MAINE - D.O.T.		
REV.			ORDER NO.	JOB NO.	DRAWING NO.
CHECKED					
DRAWN	2-8-79	H.C.		8-80	E1

162-177





FPI 6-REED

No paint on top of spl & 1" down from top on sides.  
(Coat with boiled linseed oil.)  
No paint on surface with ANSI Finish-125.  
(Coat with mixture of white lead & tallow.)  
No paint on anchor bolts (Oil threads.)  
Masonry re MPI to receive 2 coats of shop paint.  
Rocker re rpl to receive 2 coats of shop paint on brg. surface 250.

IT. NO. 504.7002	BR. NO.	PROJ. NO. I-95-9(84)26
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FOR APPROVAL	X	FOR FILES & FIELD
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STEEL: ASTM, 

A36	A572	GR	X	A588	GR	Unless Noted
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WELDING ELECTRODE:  ☒ See Welding Pro 

SHOP CONN: ☐ Bolted ☒ Welded ☐ None

FIELD CONN. ☒ Bolted ☒ Welded ☐ None

PAINT:	None	<input checked="" type="checkbox"/> Shopcoat	<input type="checkbox"/> Galv. After Fab	<input checked="" type="checkbox"/> As Noted
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SPECIAL PAINT: *Basic lead silico chromate primer (orange)*

SPECIAL CLEANING: ☒ Blast Clean ☐ None SSPC-SP6

B-2 B-2000

BRG. PEDESTALS

APPROVED: 5-25-79

2	4-6-79	APP	Blanchette (1) M. M. M. M.
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3/1	5-31-79	FAB.	South Portland, Maine 04106
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		F&F.	JOB:
001	000000		FISH STEWARD STATE AID

2 Sepias	5-21-14	FA.	115H STREAM, STATE AID
			TRIM AND FALLS ME

ISLAND FALLS, ME.  
CUSTOMER CLAIMS DEPT.

		CUSTOMER: LIANBRO CORP.
--	--	-------------------------

		DESIGNER: <i>W.E. U.O.T. BRIDGE DIV.</i>

REV. 73		ORDER NO.	JOB NO.	DRAWING NO.
CHECKED				

DRAWN	28-79 H.L.	8-80	51-1
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162-178

162-178

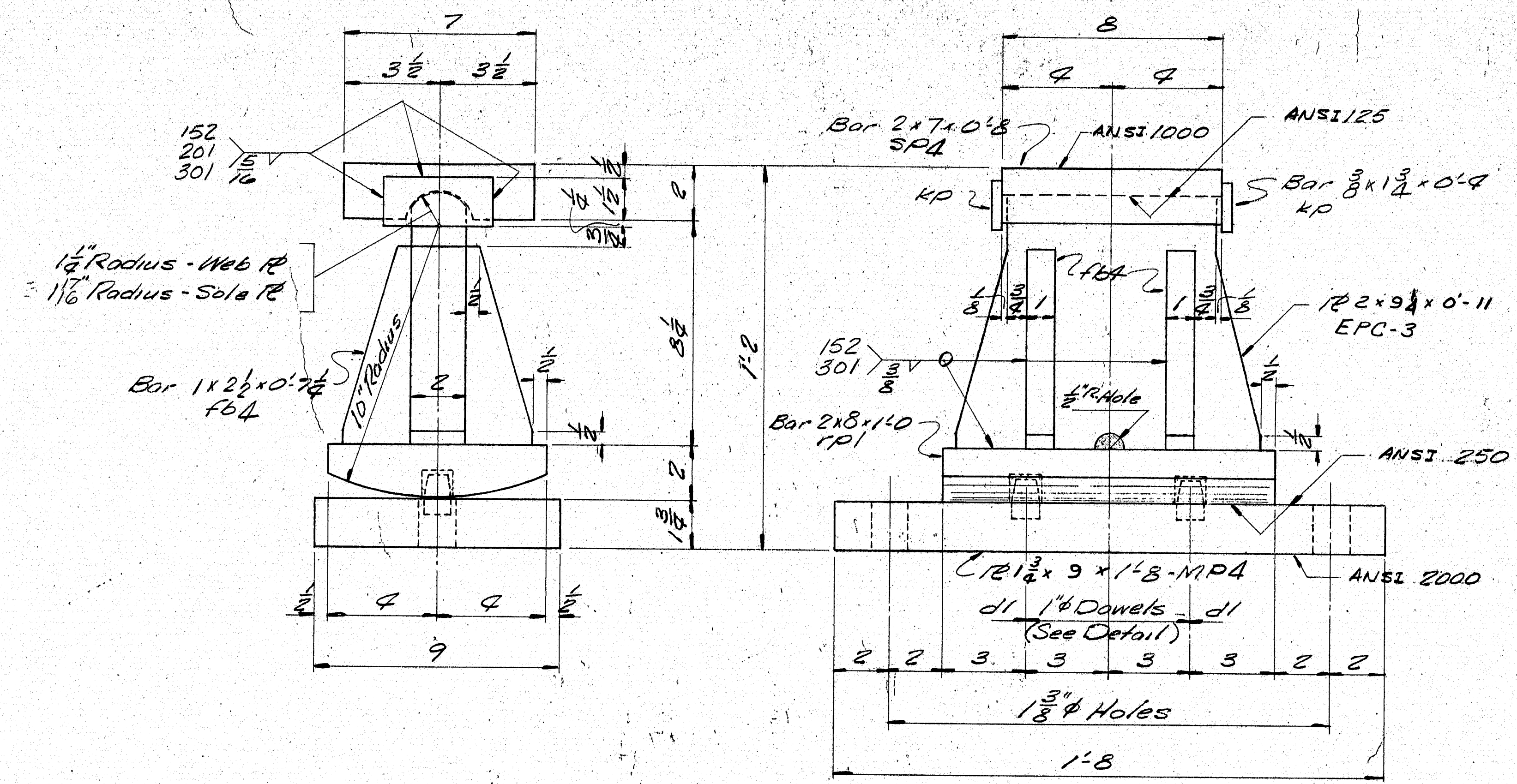


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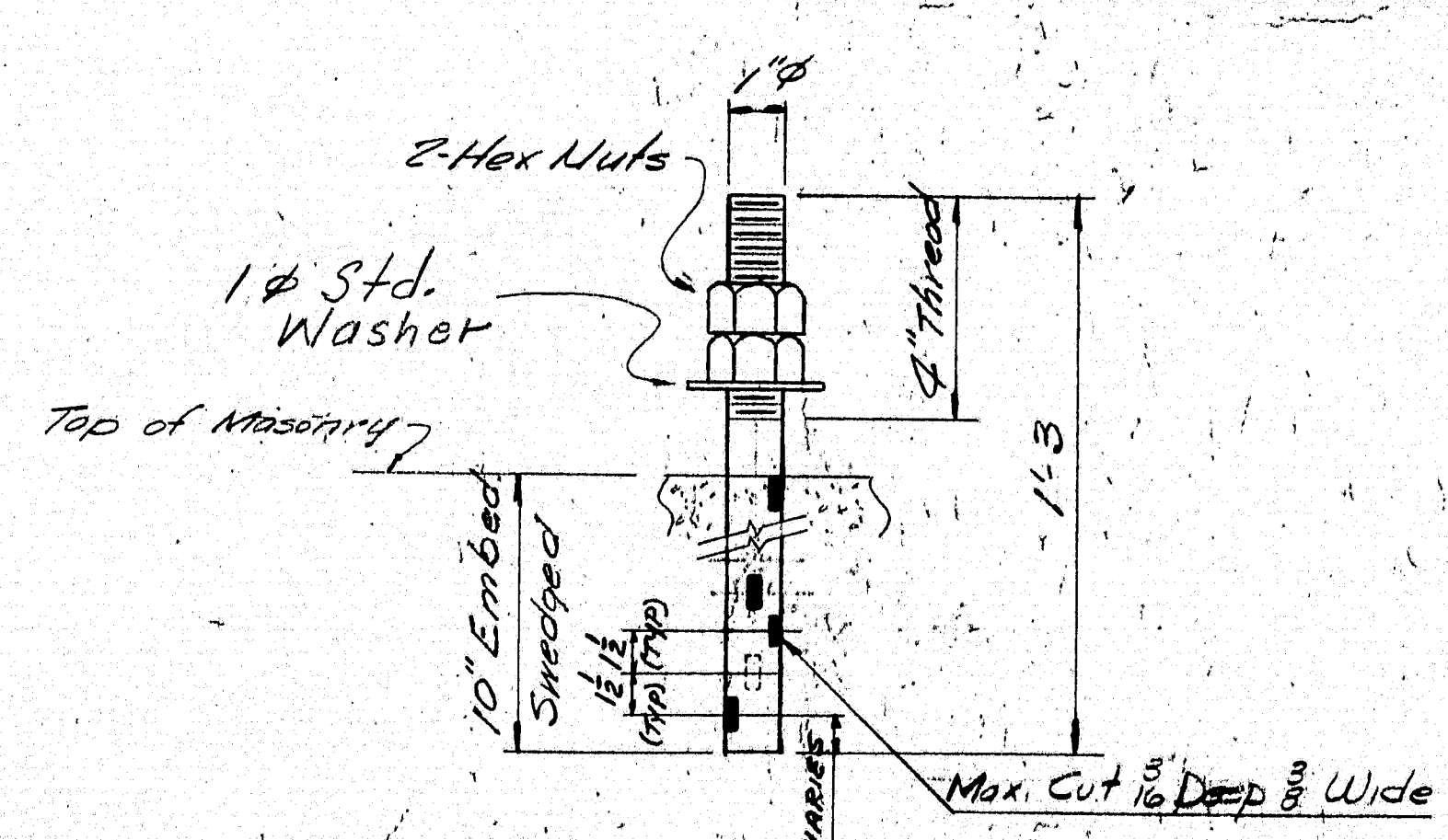


162-180

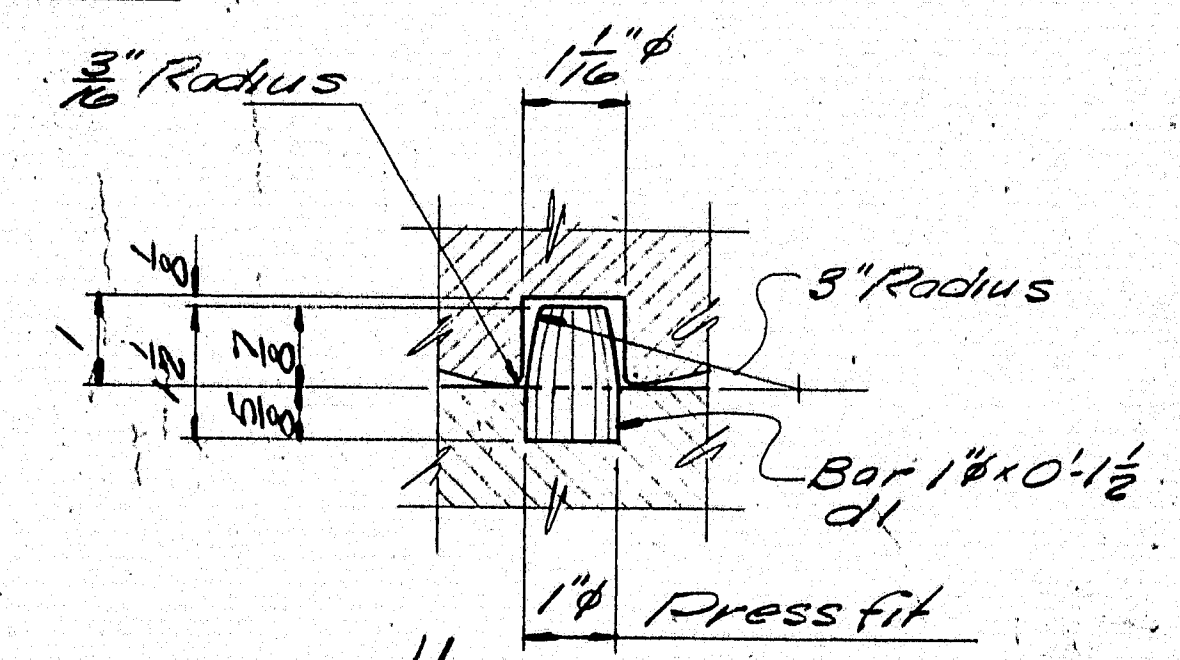




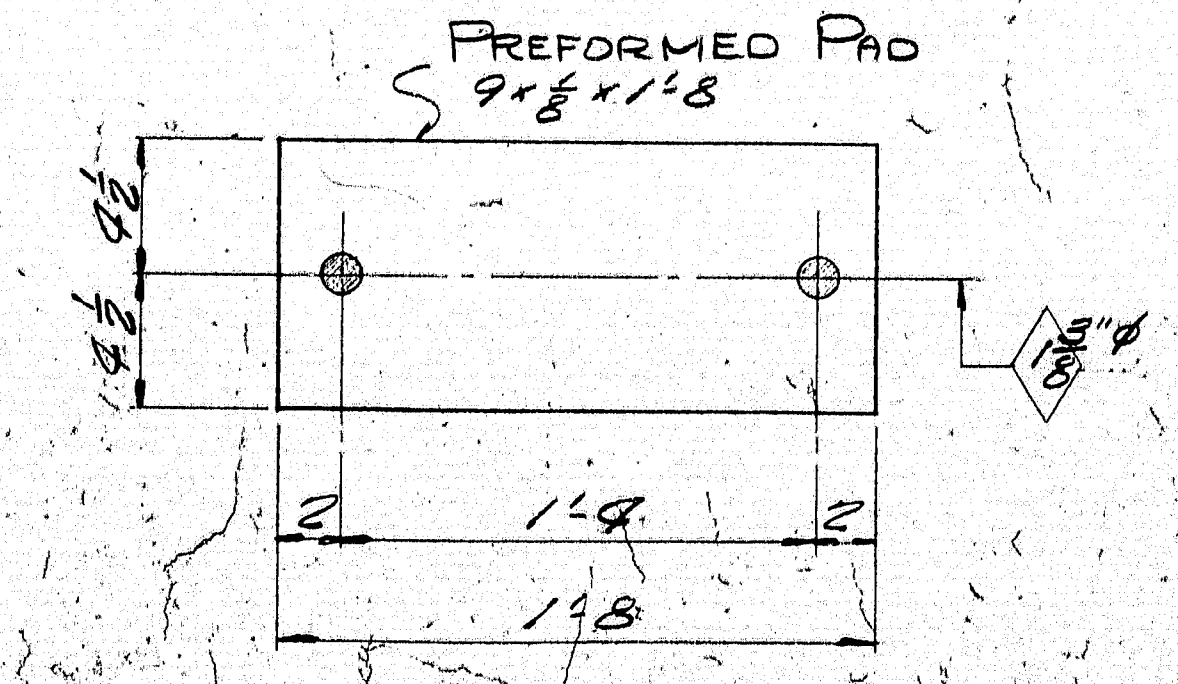
**EXPANSION PEDESTAL EPC-3**  
6 REQ'D.



**ANCHOR BOLT ABI**  
12 REQ'D.



**DOWEL DETAIL**



**PREFORMED PAD**  
FP4 6 REQ'D.

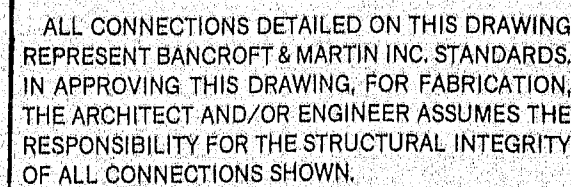
**PAINT NOTE:**  
- All surfaces finished A125, shall be coated with a mixture of white lead & tallow.

SHIP		BILL OF MATERIAL JOB NO. DWG. NO. 8-80-51-2					
MARK	NO.	MARK	SHAPE	LENGTH	WT.	ITEM	REMARKS
EPC-3	G		R 2 x 9 1/2	0 11		3-P	
MP4	G		R 1 1/4 x 9	1 8		3-I	
	G	1 PD	Bar 2 x 8	1 0		3-L	
SPA	G		Bar 2 x 7	0 8		3-D	
		29	1/8 Bar 1 x 8 1/2	0 7 1/2		3-T	
		12	d1 Bar 1/8	0 1 1/2		3-U	
		12	KP Bar 3/8 x 1 1/4	0 9		3-A	
ABI	12		Bar 1/2	1 3		3-V	Swedge
	24	shop	1/8 Hex	A325-T3		3-W	
Field	12		1/8 washer	A325-T3		3-X	
FP4	G		Pad 9 x 8	1 8		2-I	Preformed Pad Req # 116 57

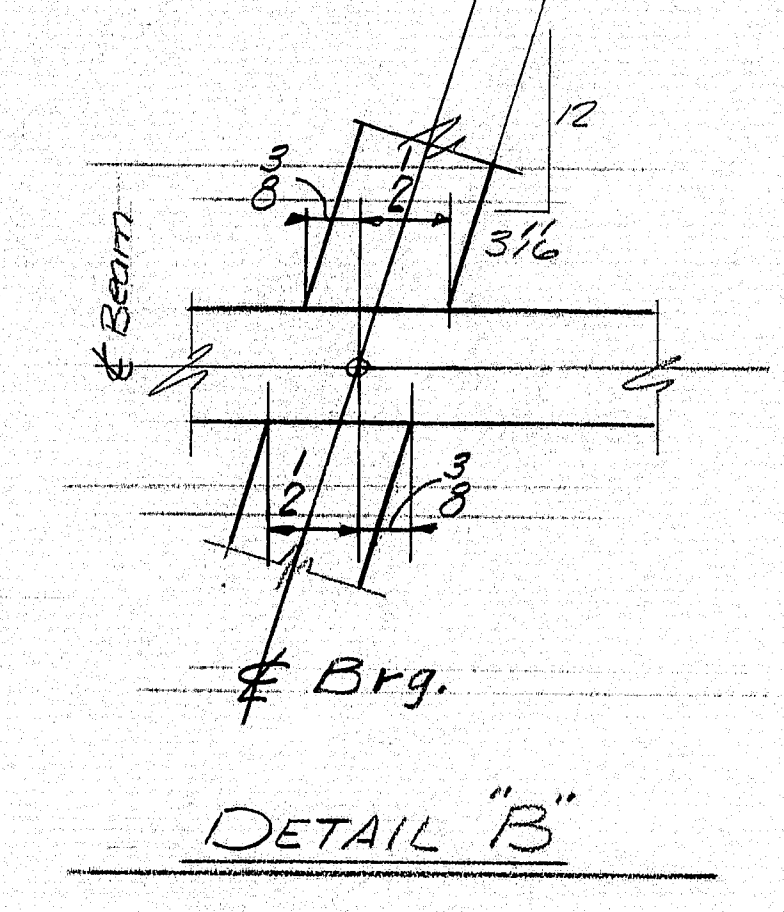
IT. NO. 504.7002	BR. NO.	PROJ. NO. I-95-9(84)269
<b>FOR APPROVAL</b> <input checked="" type="checkbox"/> <b>FOR FILES &amp; FIELD</b>		
STEEL: ASTM. <input type="checkbox"/> A36 <input type="checkbox"/> A572 F43 <input checked="" type="checkbox"/> A572 F43 <input type="checkbox"/> Unless Noted		
WELDING ELECTRODE: <input type="checkbox"/> E70 <input checked="" type="checkbox"/> E70 <input type="checkbox"/> No Welding Proc. <input type="checkbox"/> None		
SHOP CONN: <input type="checkbox"/> Bolted <input checked="" type="checkbox"/> Welded <input type="checkbox"/> None		
FIELD CONN: <input checked="" type="checkbox"/> Bolted <input checked="" type="checkbox"/> Welded <input type="checkbox"/> None		
HOLES: <input type="checkbox"/> 13/16 <input type="checkbox"/> 1 1/8 <input checked="" type="checkbox"/> 1 1/4 <input type="checkbox"/> 1 1/2 <input type="checkbox"/> 1 3/4 <input type="checkbox"/> 2 <input type="checkbox"/> Unless Noted		
PAINT: <input checked="" type="checkbox"/> None <input type="checkbox"/> Shopcoat <input type="checkbox"/> Galv. After Fabr. <input checked="" type="checkbox"/> As Noted		
SPECIAL PAINT: <input type="checkbox"/> Blast Clean <input type="checkbox"/> None <input type="checkbox"/> SSPC-SP10		
<b>BEG. PEDESTALS</b>		
APPROVED: 5-25-79 2 5-25-79 APP. 2 4-6-79 FAB. 3/1 5-31-79 F&F. 25 Sep 5-21-79 F.A.		
Brancroft & Martin Inc. South Portland, Maine 04106 JOB: FISH STREAM & STATE AID No. 1 ISLAND FALLS, ME. CUSTOMER: CIAMBRO CORP. DESIGNER: ME. D.O.T. BRIDGE DIV. ORDER NO. JOB NO. DRAWING NO.		
REV. CHECKED DRAWN 2-8-79 H.L. 8-80 51-4		





162-182



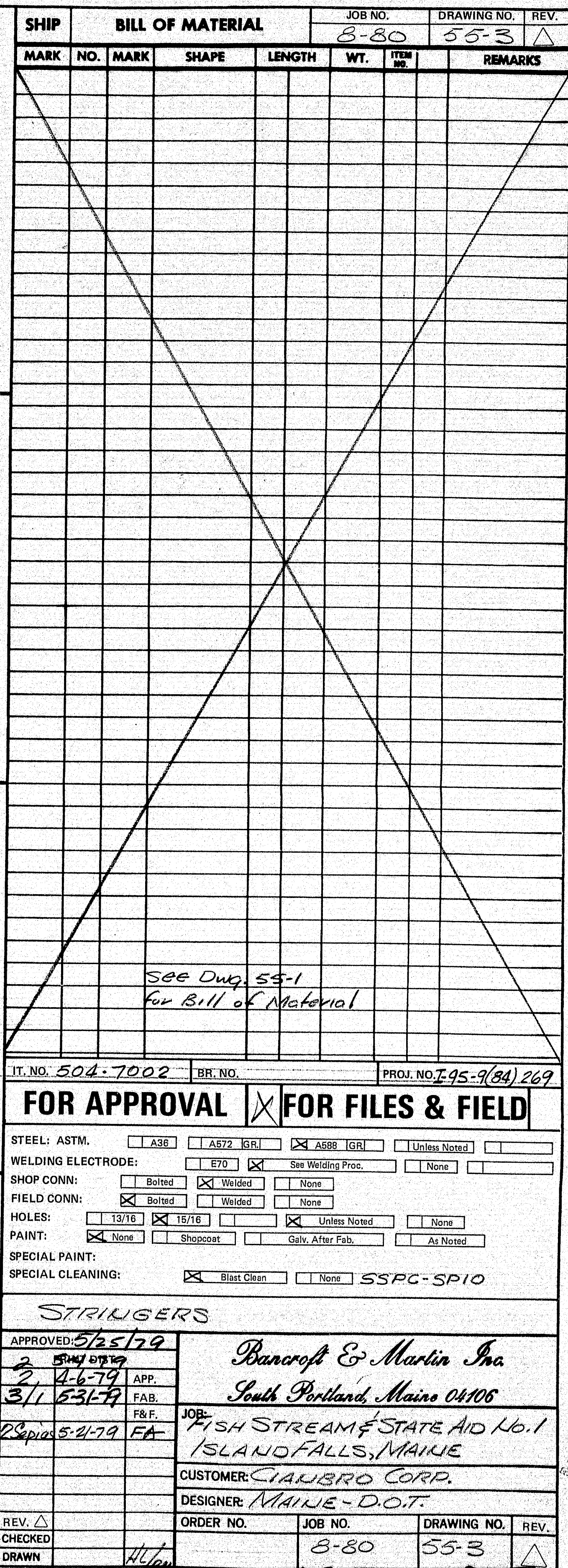


162-183



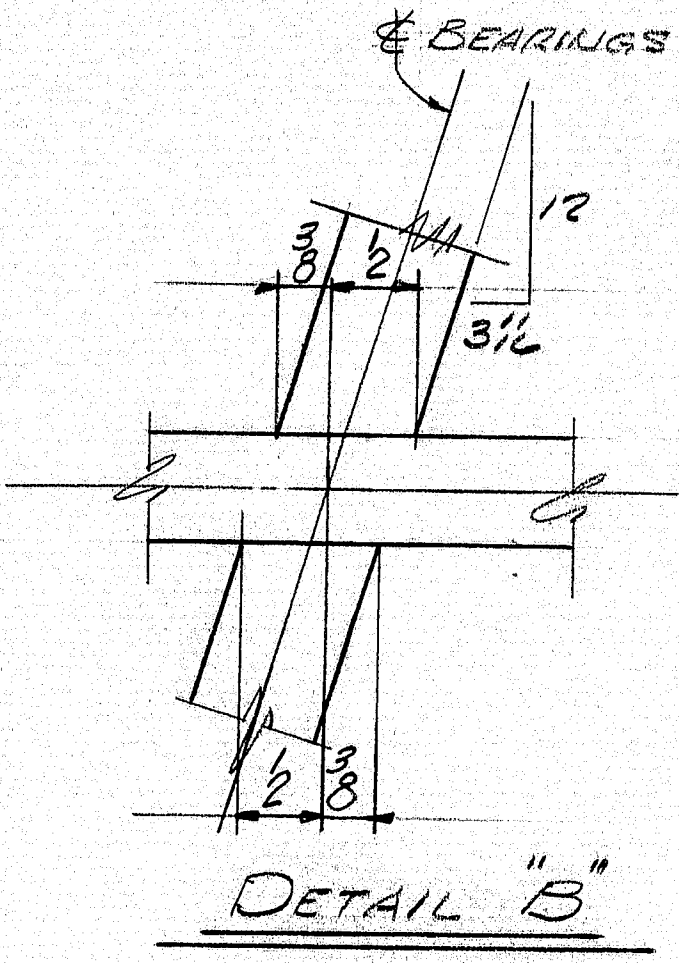






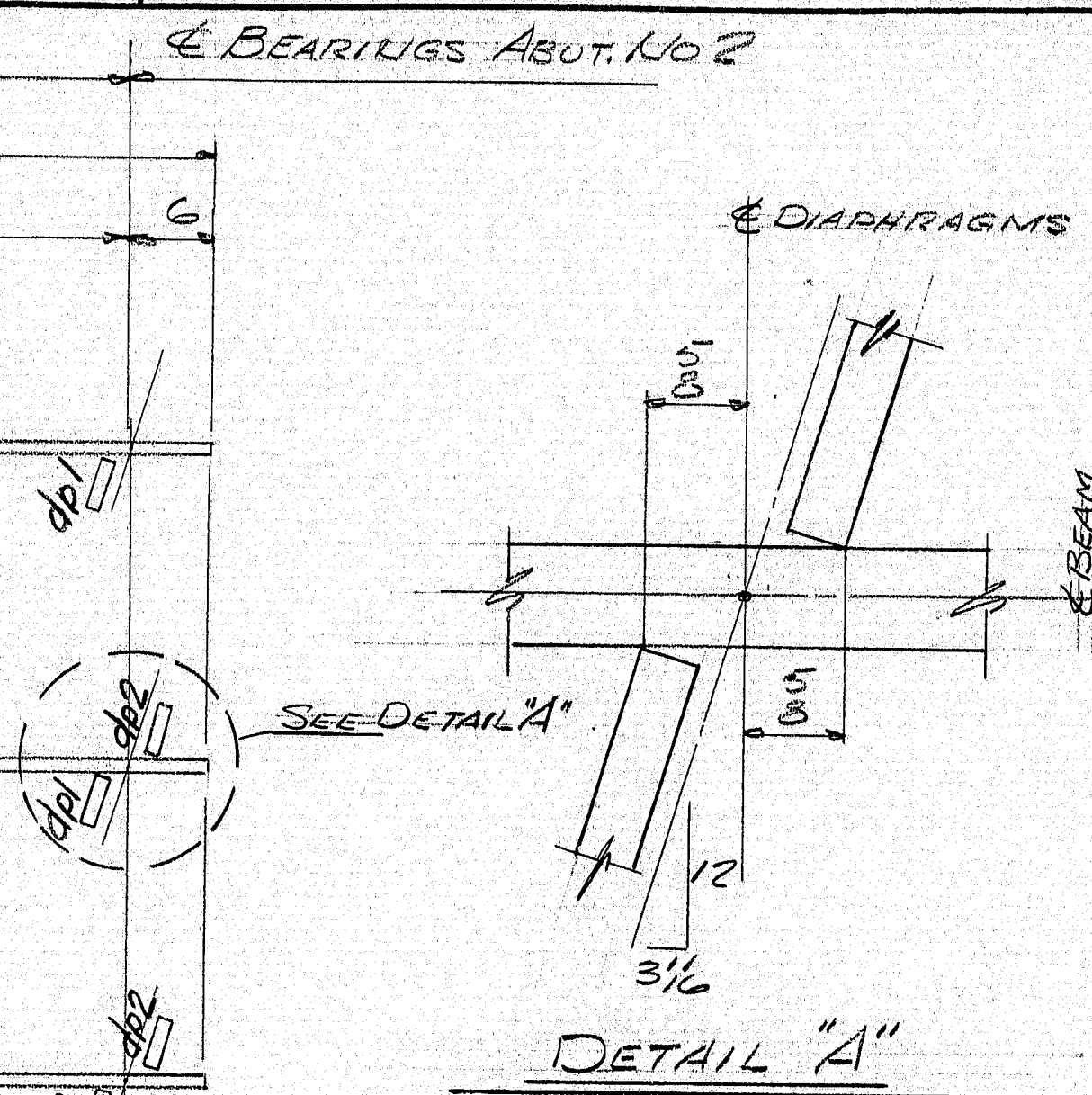
162-185





162-186



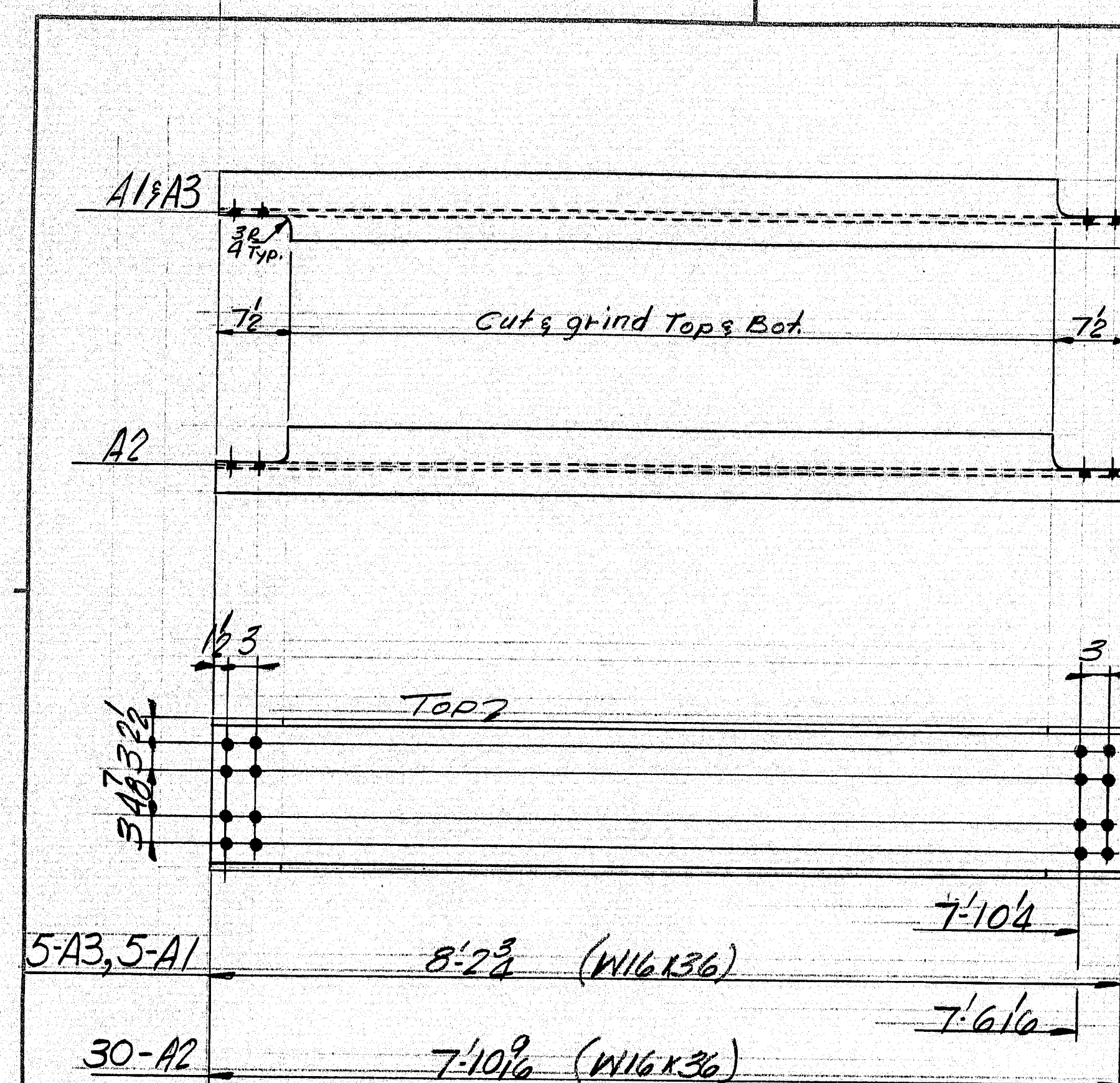


162-187

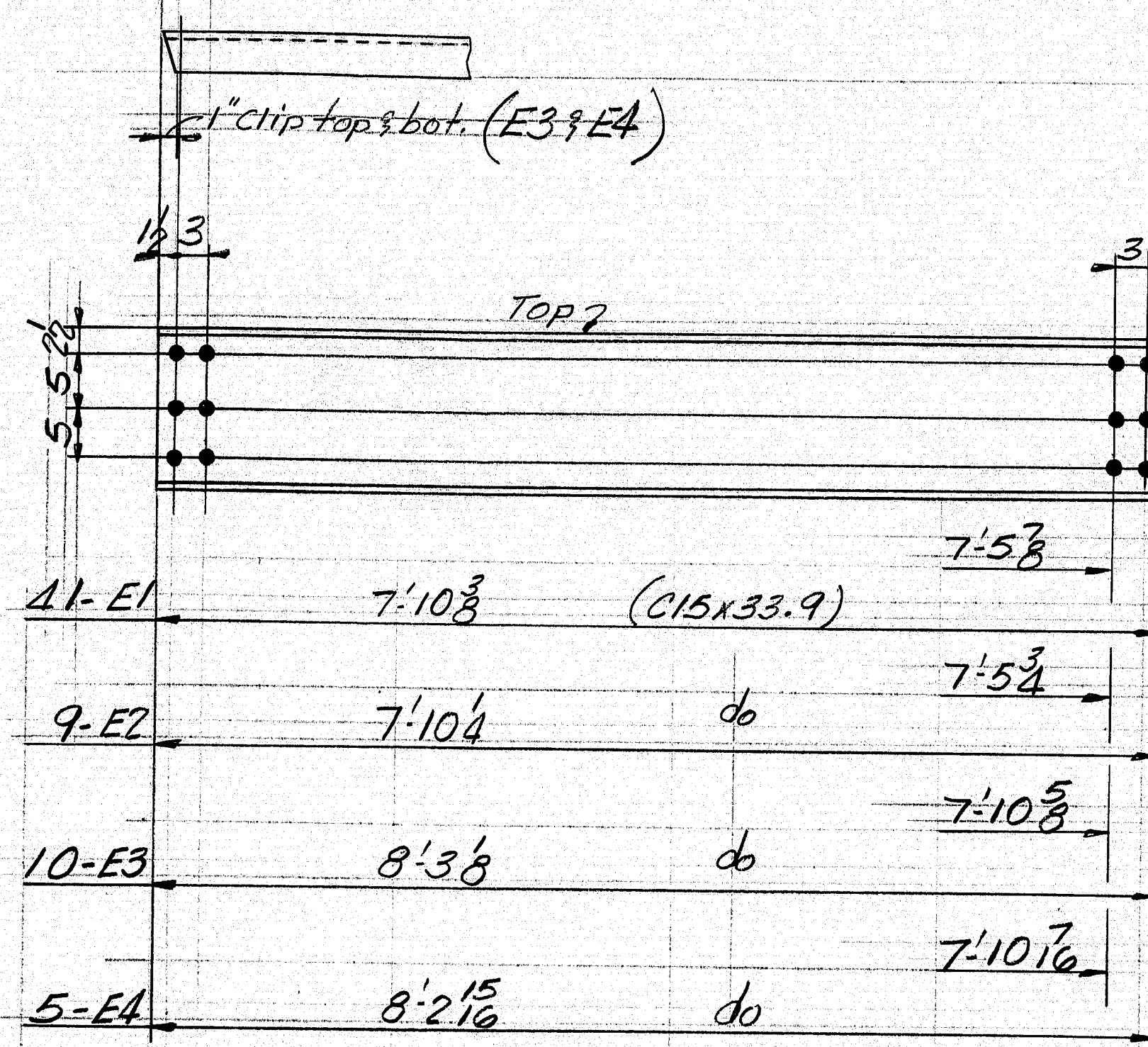








Note: Paint A3 (No paint top & edges top Flg.)



SHIP		BILL OF MATERIAL				JOB NO.	DRAWING NO.	REV.
MARK	NO.	MARK	SHAPE	LENGTH	WT.	ITEM NO.	REMARKS	
A1	5		W16x36	8'2 1/2"		1-J		
A2	30		DO	7'10 1/2"		1-K		
A3	5		DO	8'2 1/2"		1-J	"Paint"	
E1	41		C15x33.9	7'10 3/8"		1-M		
E2	9		DO	7'10 1/4"		1-M		
E3	10		DO	8'3 3/8"		1-L		
E4	5		DO	8'2 1/8"		1-L		

IT. NO. 504-7002 BR. NO. PROJ. NO. 1-95-9(84)269

FOR APPROVAL ☒ FOR FILES & FIELD

STEEL: ASTM. ☐ A36 ☐ A572 GR1 ☒ A588 GR1 ☐ Unless Noted

WELDING ELECTRODE: ☐ E70 ☐ See Welding Proc. ☐ None

SHOP CONN: ☐ Bolted ☐ Welded ☐ None

FIELD CONN: ☒ Bolted ☐ Welded ☐ None

HOLES: ☐ 13/16 ☒ 15/16 ☐ Unless Noted ☐ None

PAINT: ☒ None ☒ Shopcoat ☐ Galv. After Fab. ☒ As Noted

SPECIAL PAINT: Basic lead silico chromate primer (orange)

SPECIAL CLEANING: ☒ Blast Clean ☐ None ☐ SSPC-SP10

# DIAPHRAGMS

APPROVED: 5-25-79

2 4-6-79 APP.

3/1 5-3-79 FAB.

2 7-26-79 P&F.

2 5-21-79 FA

Bancroft & Martin Inc.  
South Portland, Maine 04106

JOB: FISH STREAM, STATE AID No. 1  
ISLAND FALLS, ME.

CUSTOMER: CIANBRO

DESIGNER: MAINE D.O.T. BRIDGE DIV.

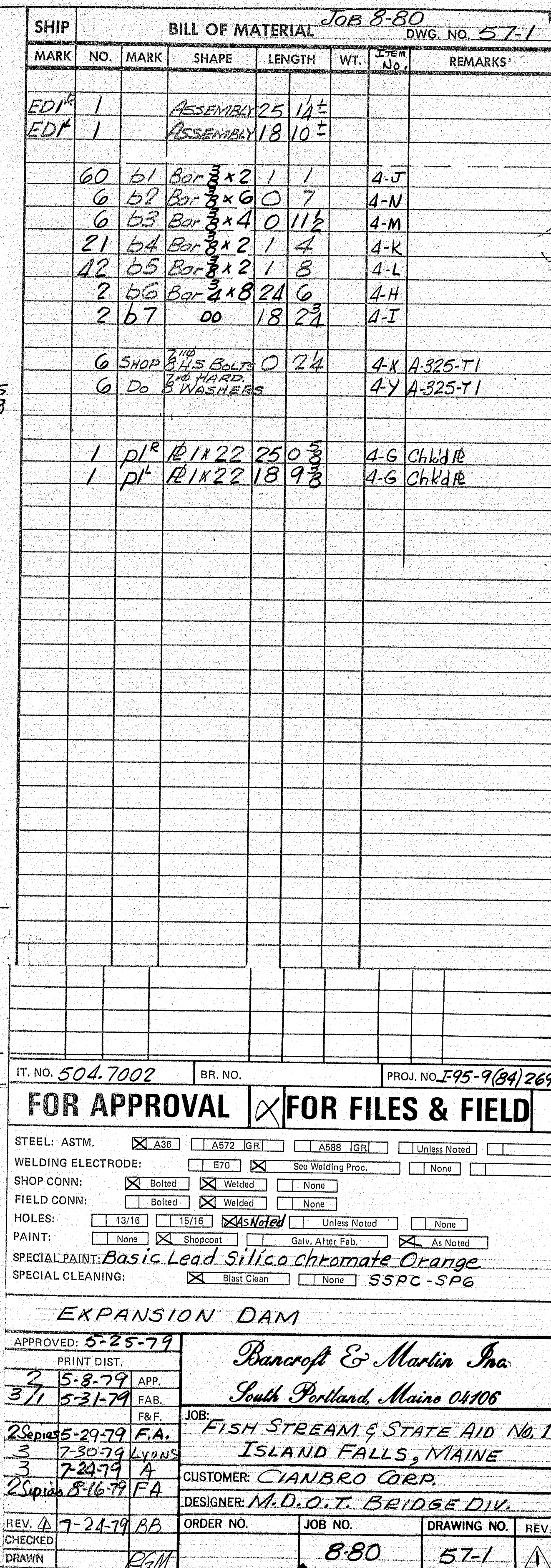
ORDER NO. JOB NO. DRAWING NO. REV.

8-80 56-1

ALL CONNECTIONS DETAILED ON THIS DRAWING REPRESENT BANCROFT & MARTIN INC. STANDARDS. IN APPROVING THIS DRAWING, FOR FABRICATION, THE ARCHITECT AND/OR ENGINEER ASSUMES THE RESPONSIBILITY FOR THE STRUCTURAL INTEGRITY OF ALL CONNECTIONS SHOWN.

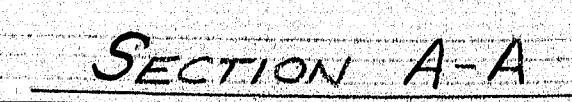
162-189





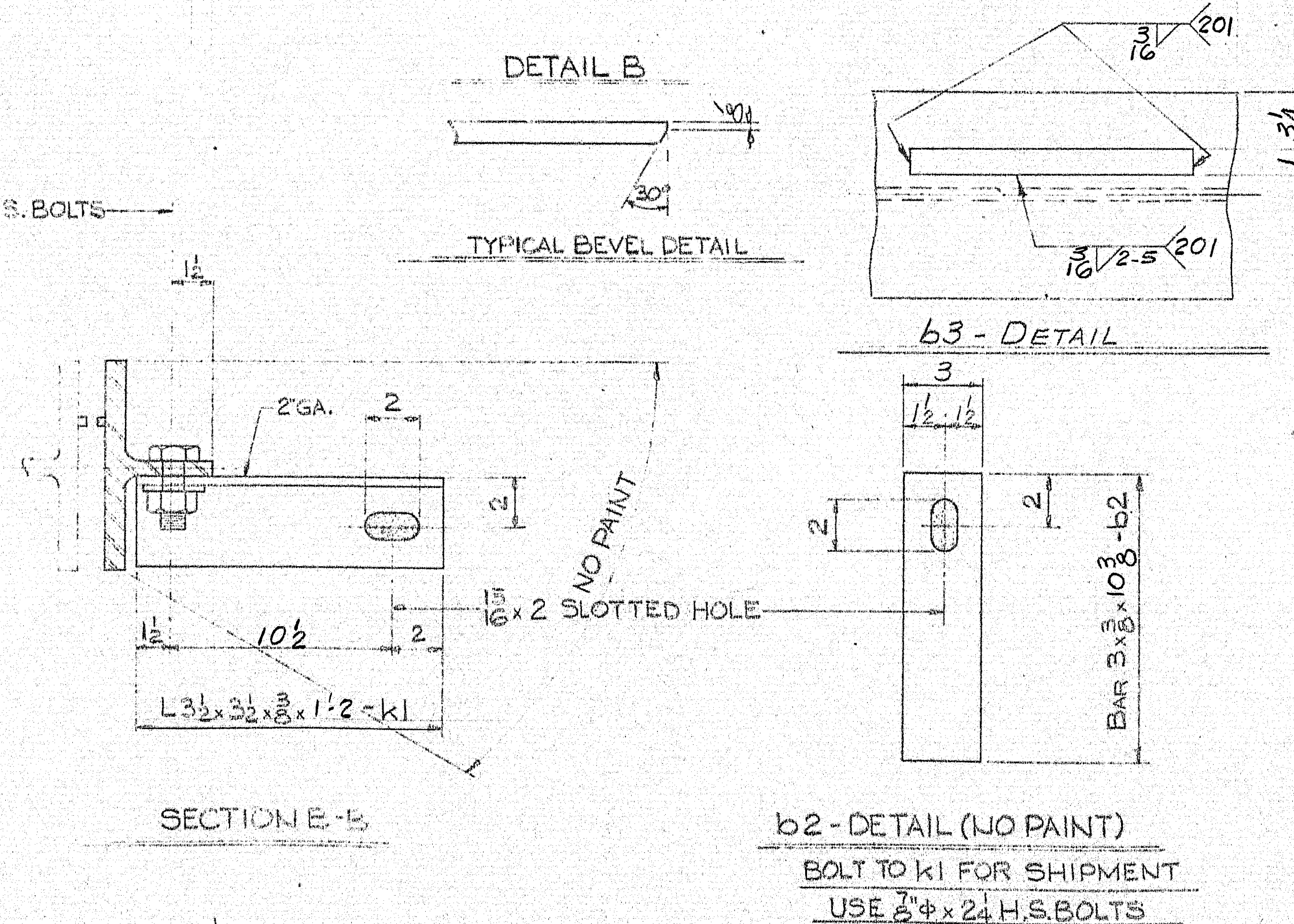
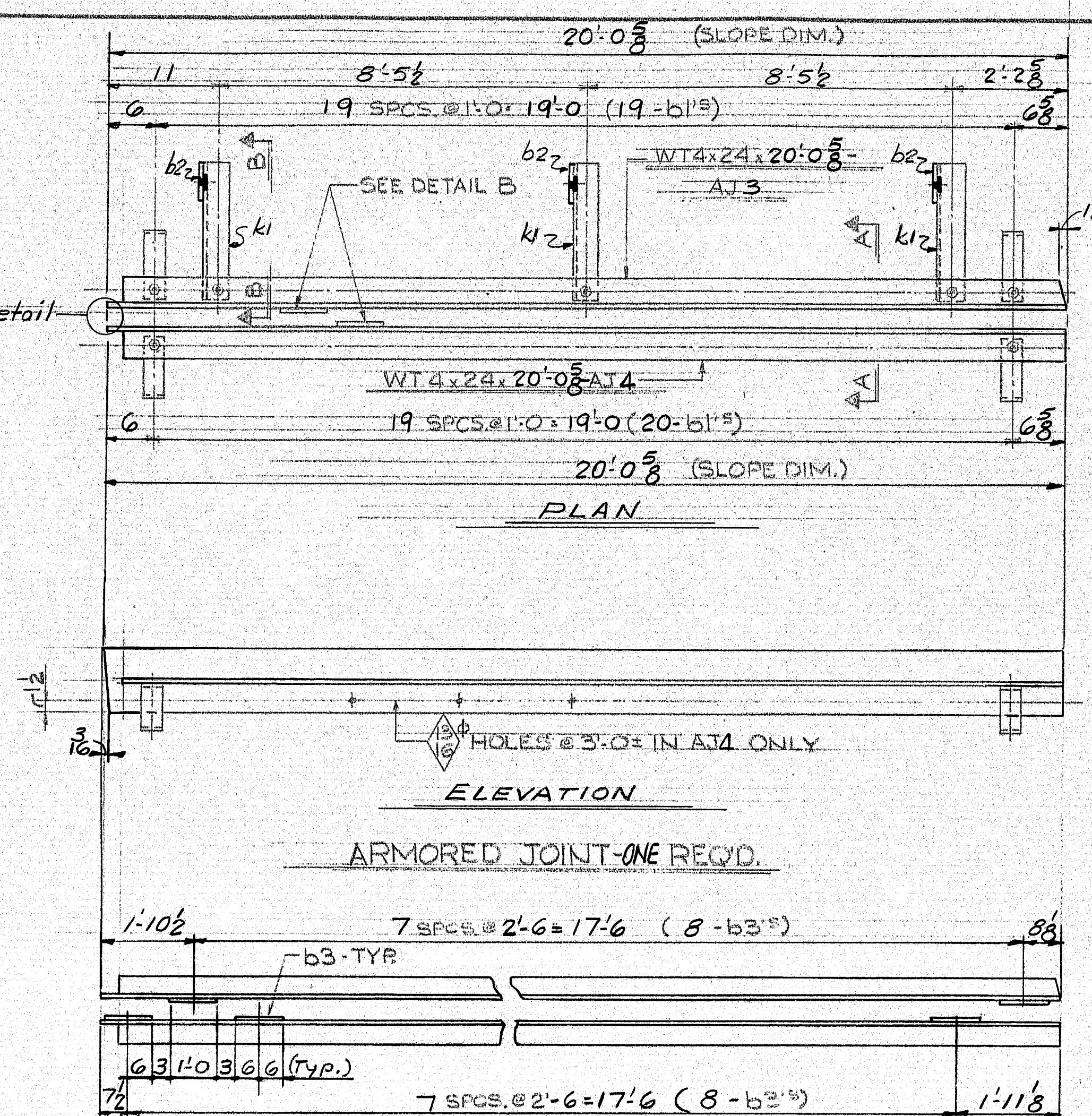
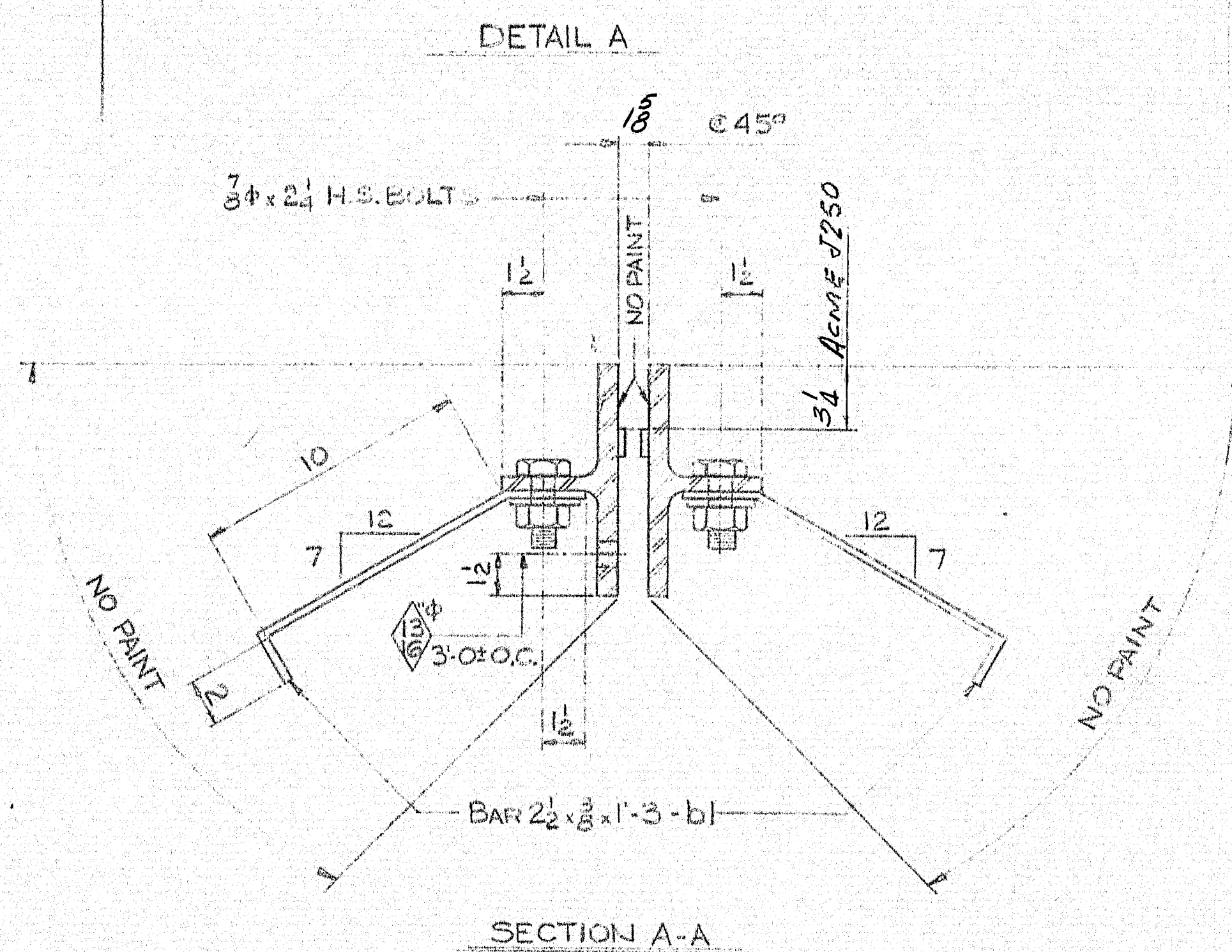
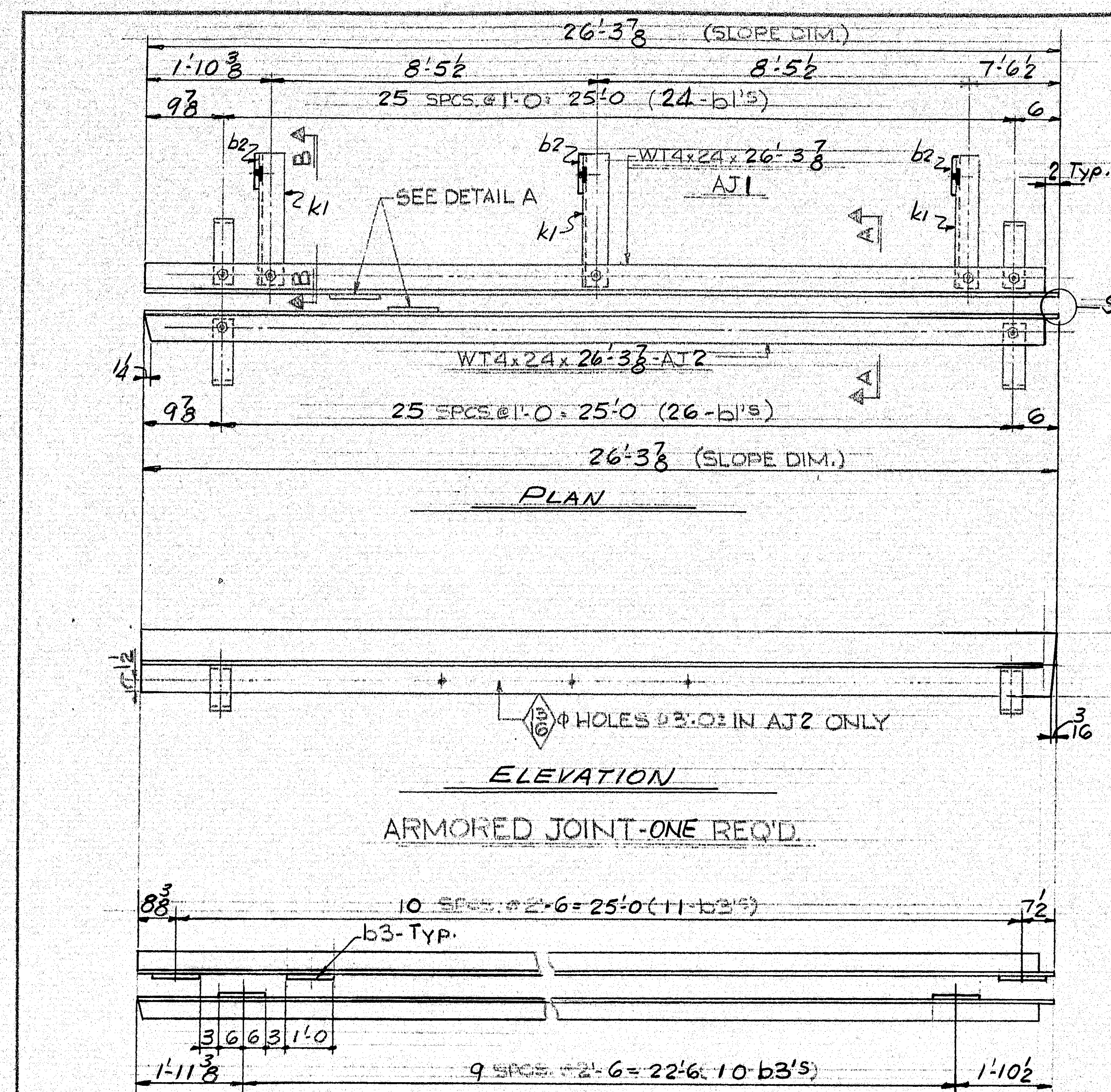
162-190



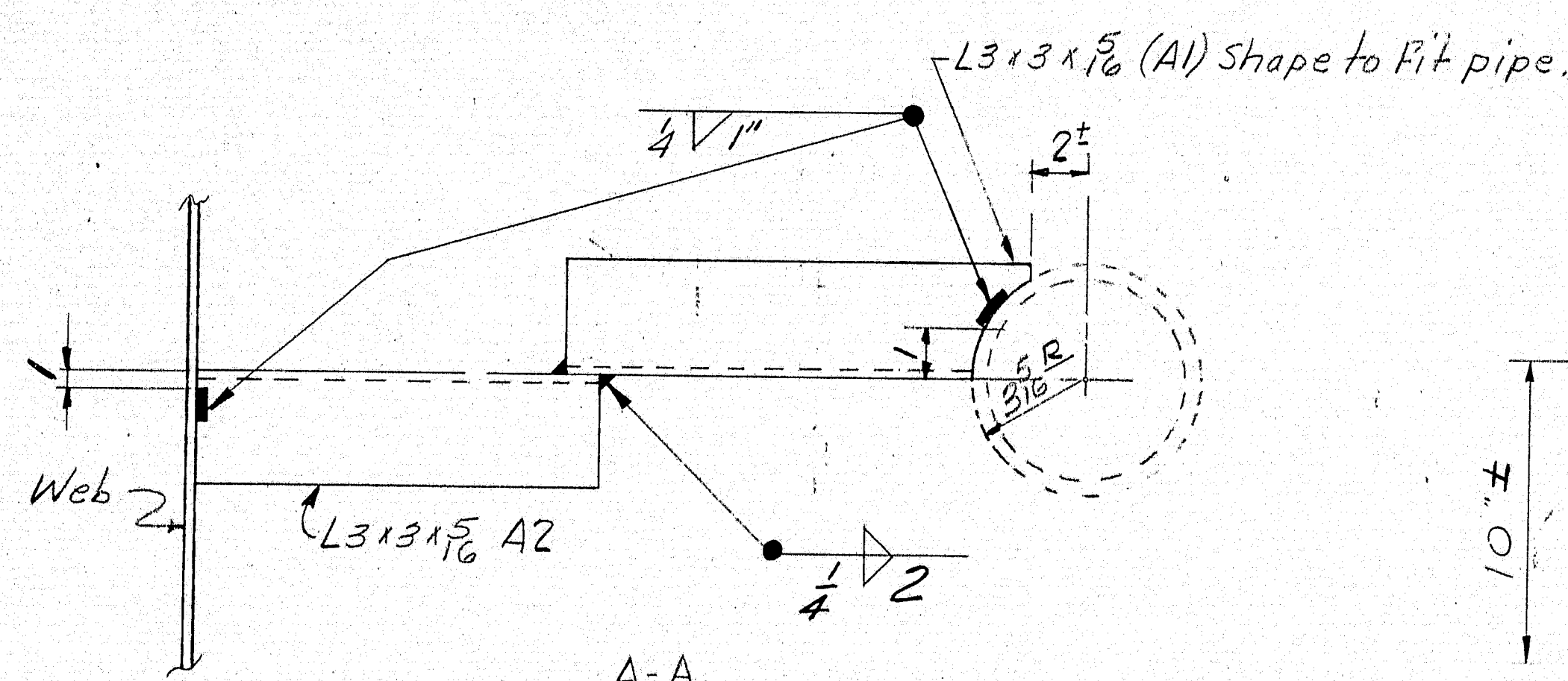
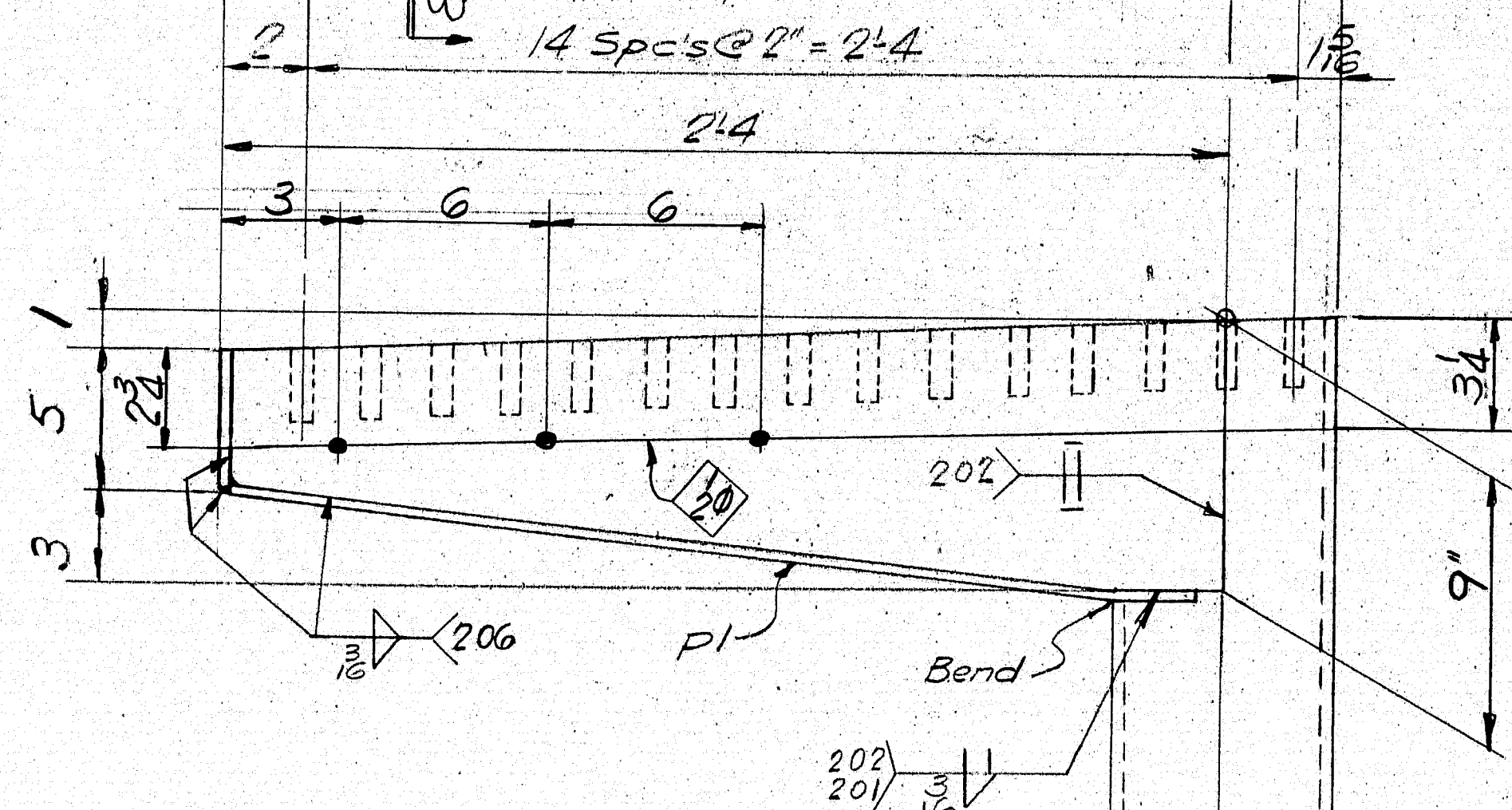
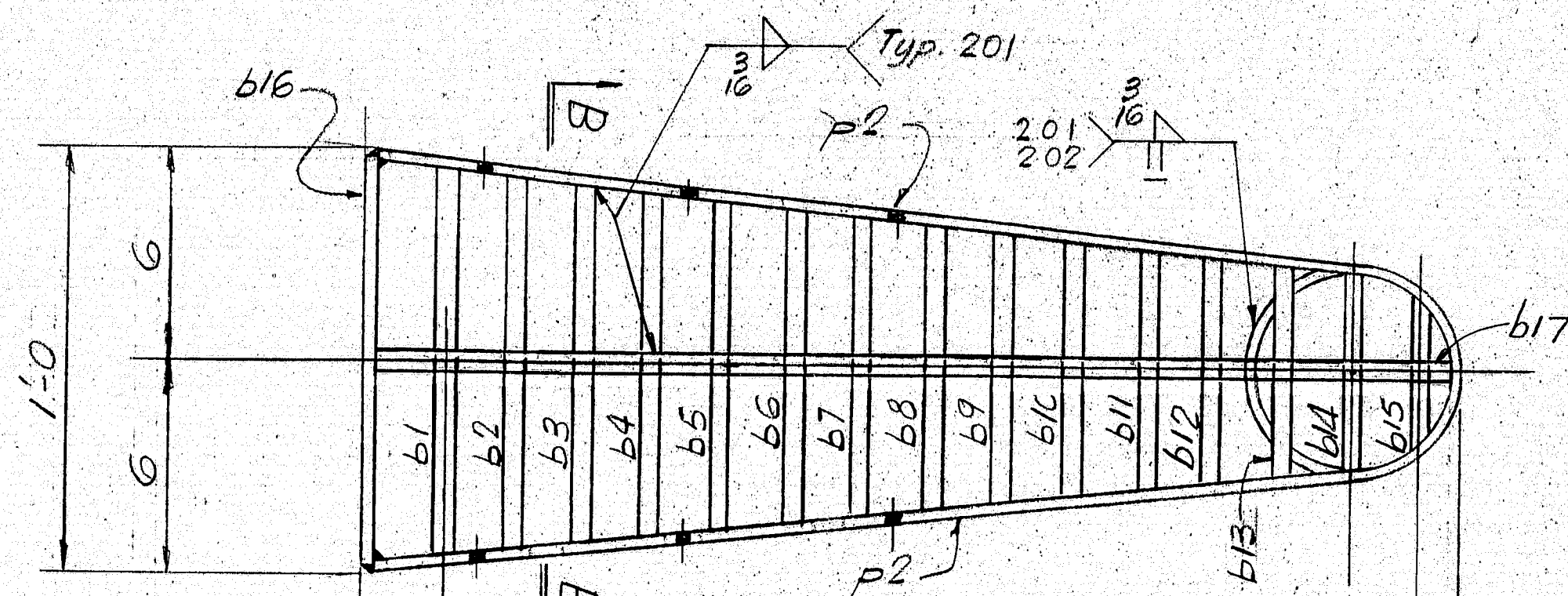
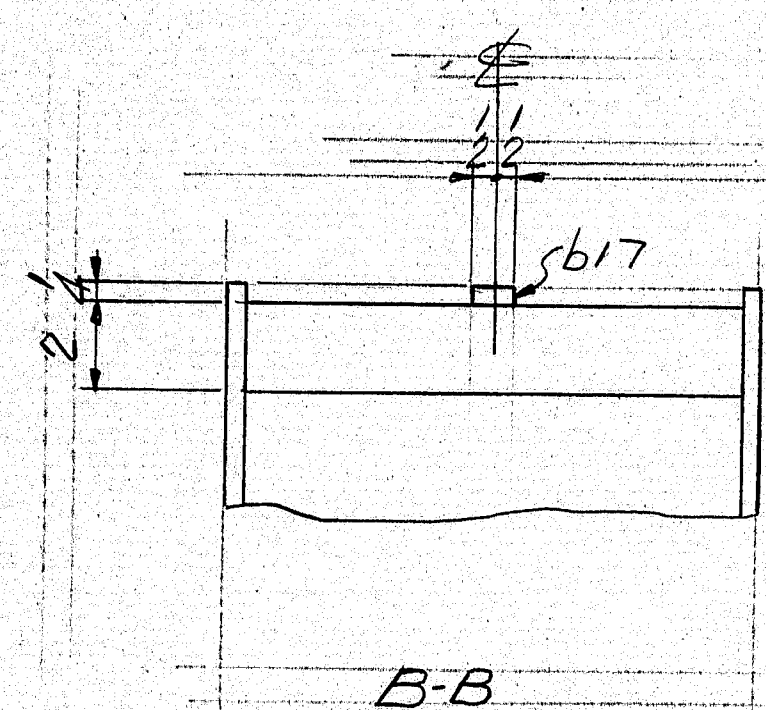


162-191

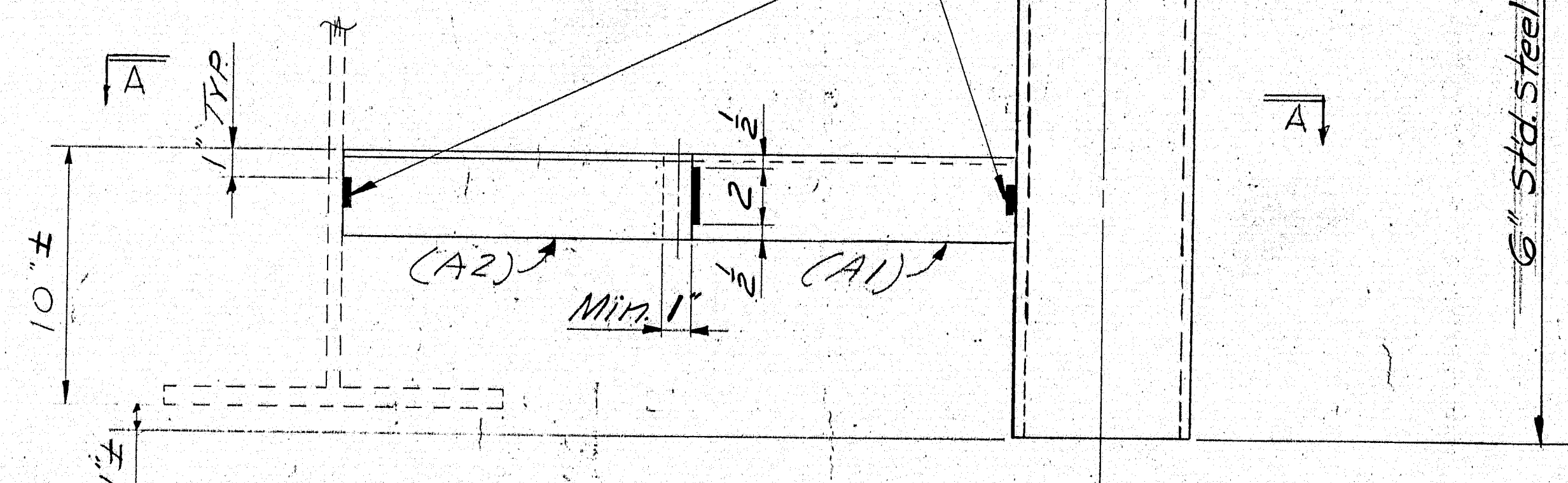


[illegible]





20 - REQD. - A1  
20 - REQD. - A2



DRAIN DRI-20 REQ'D.

See State's Dwg's for location

SHIP		BILL OF MATERIAL				JOB NO. 8-80	DWG. NO. 59-1
MARK	NO.	MARK	SHAPE	LENGTH	WT.	ITEM NO.	REMARKS
DRI	20		SHOP ASSEMBLY				
	20	P1	2x4x11 1/2	2	3	2-V	1.0.3 Bend
	40	P2	Bar 9x4	2	3 3/4	2-W	L.O.
	20	b16	Bar 4 1/2x4	0	1 1/2	2-X	
	20	b1	Bar 2x2	0	1 1/2	2-Y	
	20	b2		0	10 3/4		
	20	b3		0	10 3/4		
	20	b4		0	9 3/4		
	20	b5		0	9 3/4		
	20	b6		0	9 3/4		
	20	b7		0	8 1/2		
	20	b8		0	8 1/2		
	20	b9		0	8		
	20	b10		0	7 1/2		
	20	b11		0	7 1/2		
	20	b12		0	6 1/2		
	20	b13		0	6 1/2		
	20	b14		0	6		
	20	b15	Bar 2x2	0	5	2-Y	
	20	b17	Bar 4x1	2	6 1/4	2-Z	
	20	PPI	PIPE 6 STD	4	4	2-T	ASTM A53 Grade B Type E or S
A1	20		L3x3x5/16	1	1 1/2	2-U	Shape to Fit Pipe
A2	20		do.	1	1 1/2	2-U	No Fab. A588
ITEM No. 504.7002							
PROJ. No. I-95-9(BA) 269							
STEEL: ASTM A36 U.N.							
WELDING ELECTRODE See Welding Procedures							
SHOP CONN: Welded							
FIELD CONN: Welded							
HOLES: As Noted							
PAINT:							
SPECIAL CLEANING: Blast Clean SSPC-SP6							
APPROVED: 5-25-79							
DRAINS							
2- PAINT/DWG							
2- 4-6-79 A							
2- 5-21-79 FA							
3/1 5-31-79 FAB							
Baneroff & Martin Inc.							
South Portland, Maine 04106							
JOB: FISH STREAM STATE AID No. 1							
ISLAND FALLS, ME.							
CUSTOMER: CYANBRO CORP.							
DESIGNER: M.E.D.O.T. BRIDGE DIV.							
ORDER NO. JOB NO. DRAWING NO.							
8-80 59-1							

162-193