

(1) - A10

(1) - B10

SHOP NOTE
MATCH CONTOURS OF A10, B10 & C10 BEFORE SHIPPING.

(1) - C10

Br.# 1558

R90-315

MATERIAL SCHEDULE

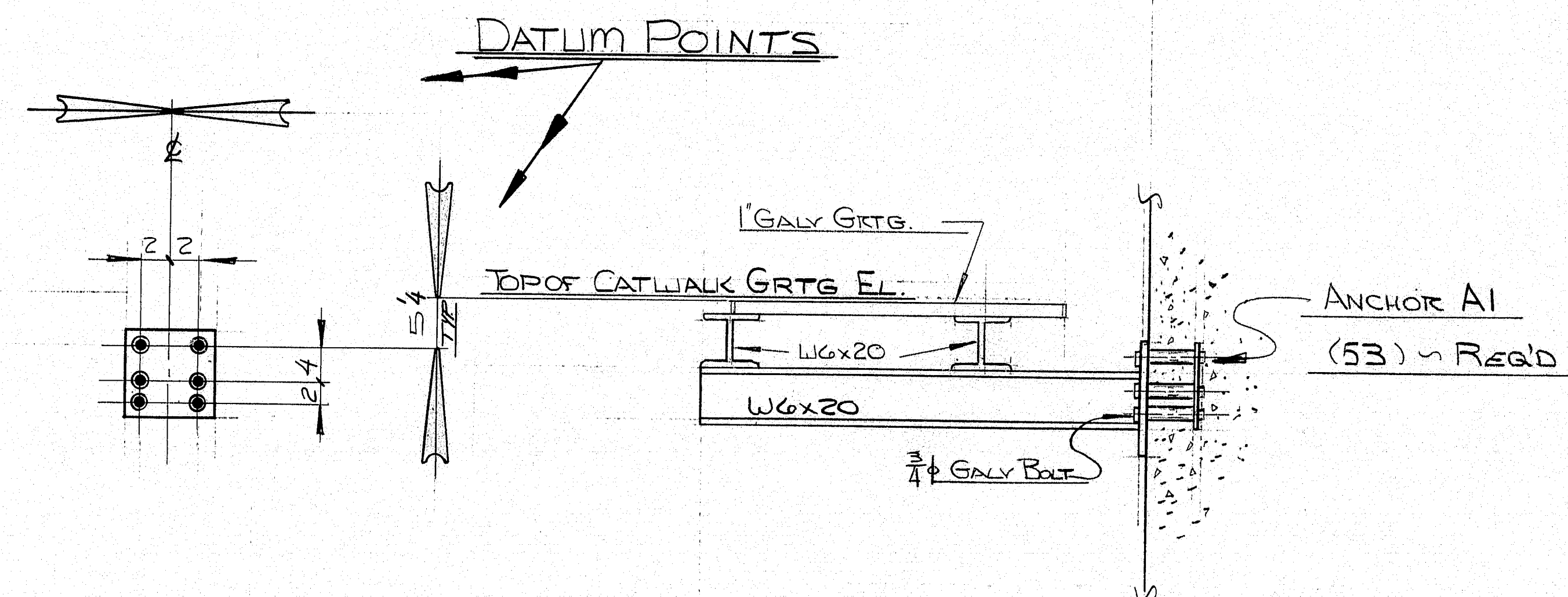
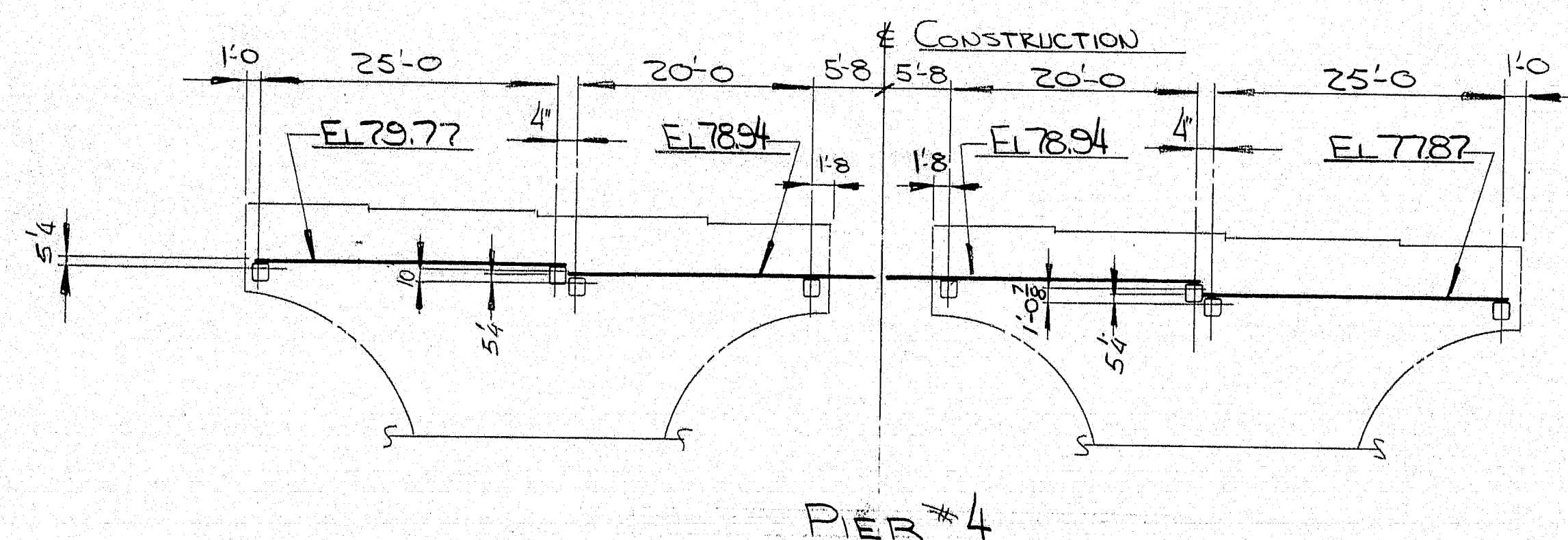
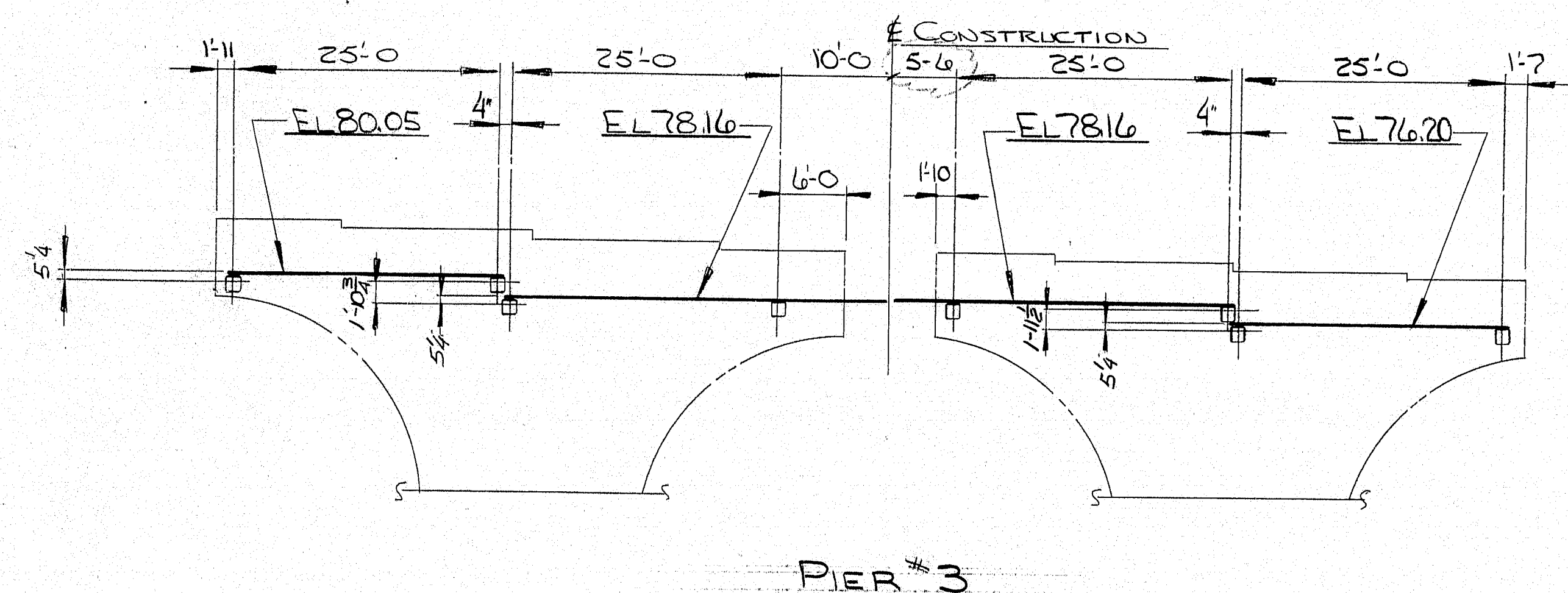
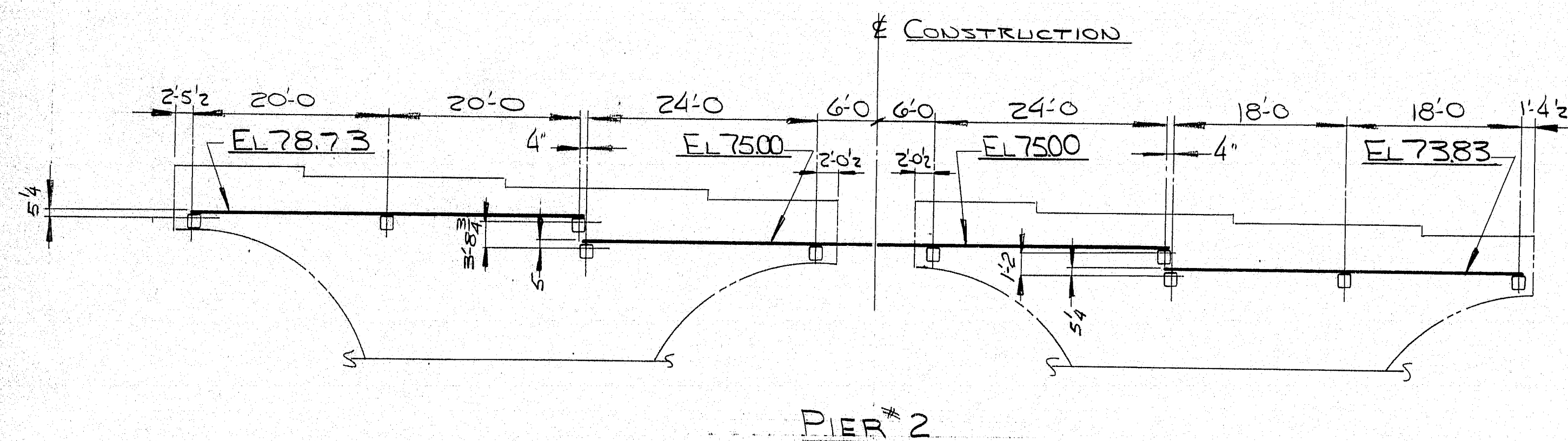
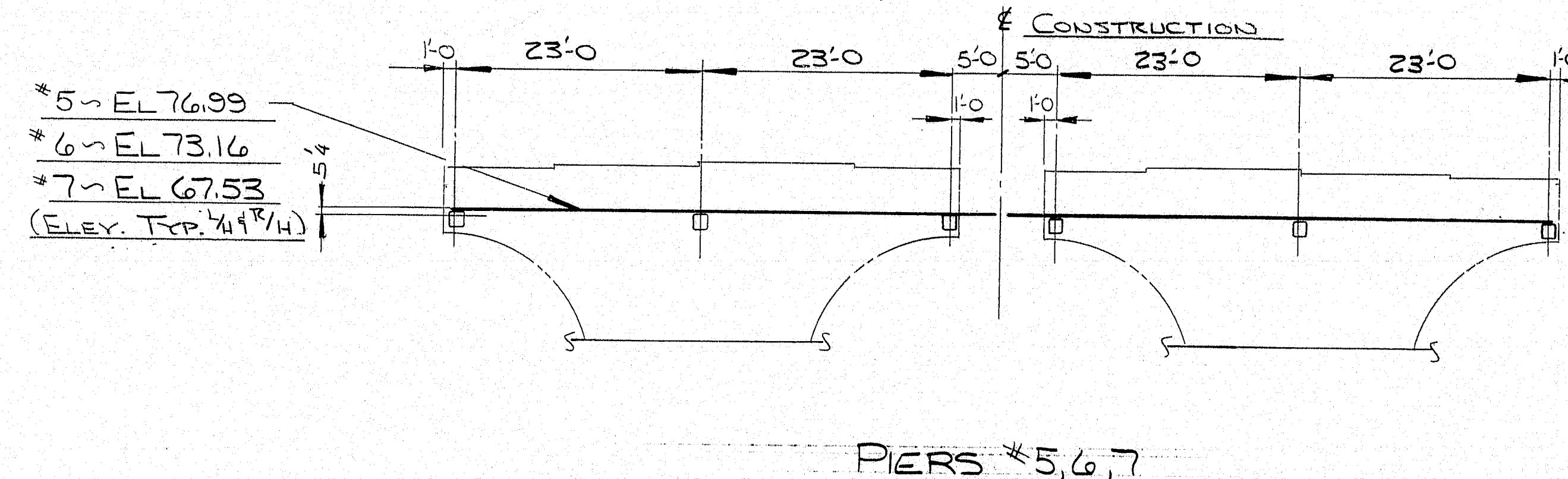
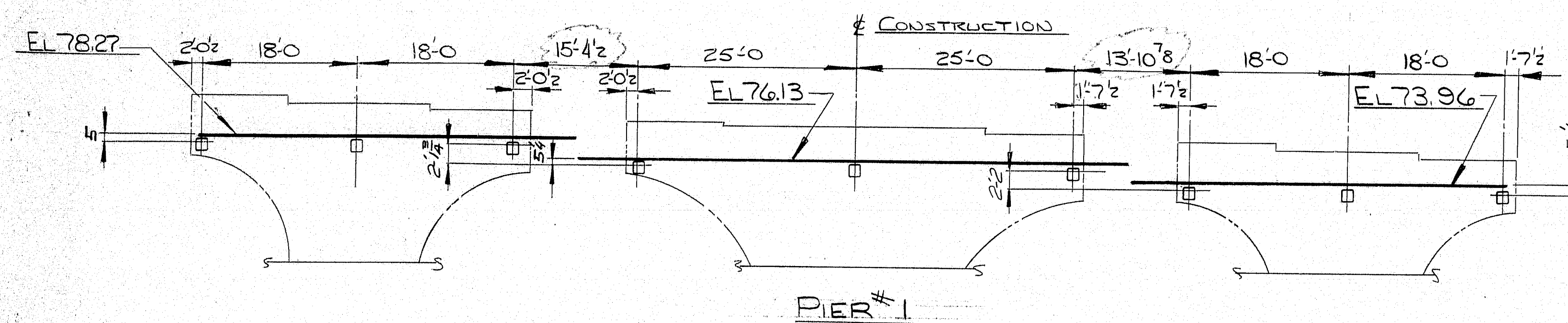
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A10	1		BARRIER R				(33#)	
	1	pa10	R 3/8 x 6	4 4	CROP FROM A9		FORM (MATE 1'-0")	33
	6	ma9	2# Stud	0 5/8	STK		* 101-053-005	-
	6	mb9		0 5/8			BEND * 101-053-005	-
	9	mc9	3/4 Nut		STK			-
	12	Shp	3/4 FERRULE		STK		* 100-101-010	-
B10	1		BARRIER R				(65#)	
	1	pb10	R 3/8 x 6	4 4	CROP FROM A9		FORM (MATE 1'-0")	33
	3	ma9			STK			-
	2	mb9						-
	5	Shp	3/4 FERRULE				* 100-101-010	-
	1	pd10	R 1/2 x 2	4 6	CROP		FORM (MATE 1'-0")	5
	1	pe10	R 1" x 2	4 0	CROP			27
C10	1		BARRIER R				(87#)	
	1	pe10	R 2 x 10 1/4	5 0	CROP		FORM (MATE 1'-0")	87

WELDING SPECIFICATIONS

- (A) - FC-12F-03P, SM-2F-01P, FC-12F-04PA
- (B) - FC-1G-06P
- (C) - FC-1G-08

MDOT PROJECT I-IG-395-8(82)176

PRINT DISTRIBUTION		MATERIAL A36		TOTAL WEIGHT 185	
2/1 PA 7/2/85	2/1 A10 7/2/85	BOLTS A325-GALV		HOLES As Noted	
2/1 SHP 6-22-85	2/1 FIELD 8/23/85	SURFACE PREP SP3		ELECTRODE As Noted	
		PRIMER		REF. DWG. E1	
		FINISH GALVANIZE ASTM A123			
<p align="center">MAINE-CASCADE IRON WORKS BAKER STREET, CLINTON, MAINE 04927 PHONE 207-428-2871</p>					
DESCRIPTION EXPANSION DAM FOR BARRIER					
PROJECT PENOBSCOT RIVER BRIDGE					
LOCATION BANGOR-BREWSTER, ME					
DESIGNER MDOT					
CUSTOMER LAWS, NORSETY					
REV. A	CHKD. JK 7/2/85	JOB NO. 7938	DWG. NO. 10	REV. A	
DRWN. JST 6/23/85					



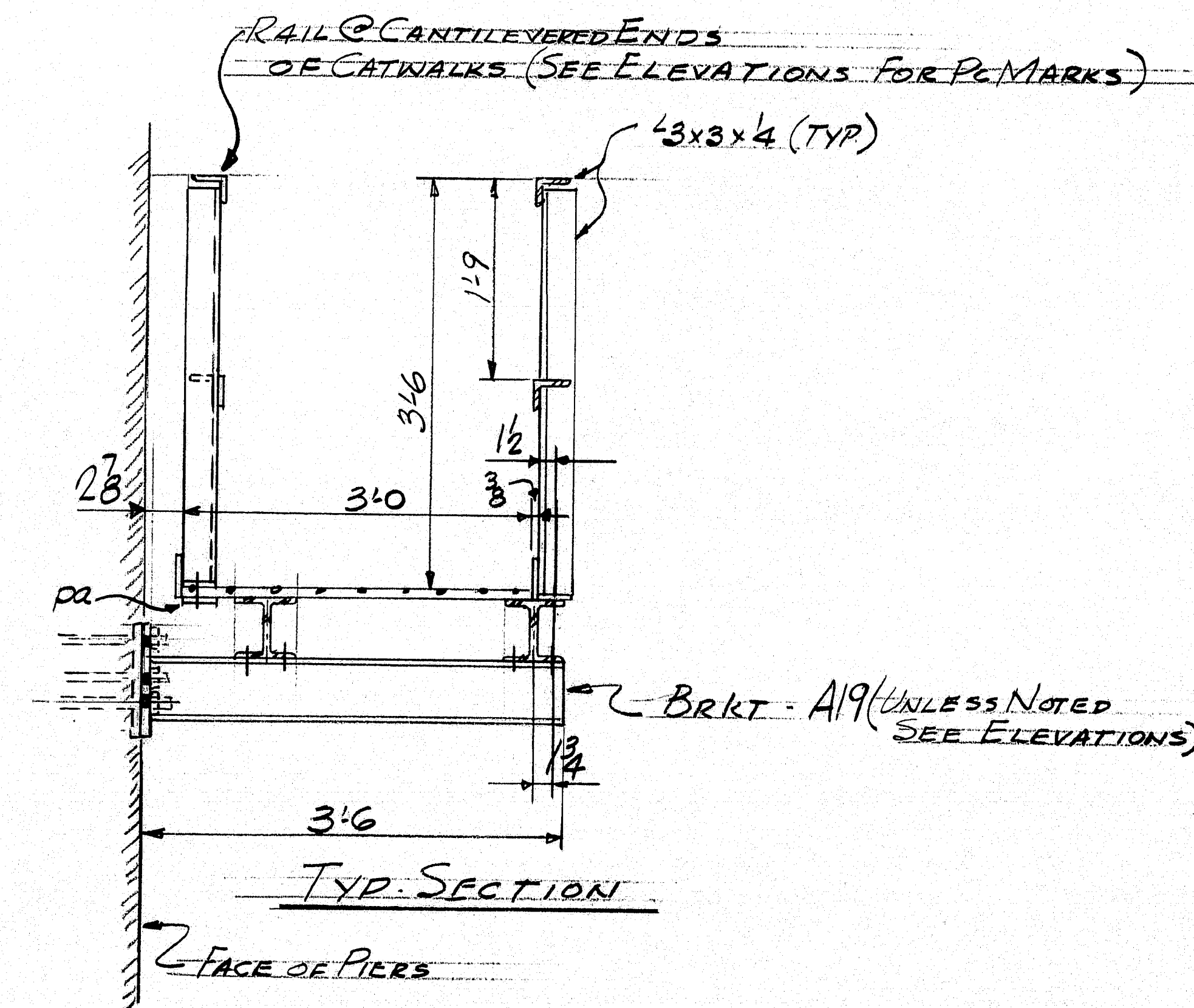
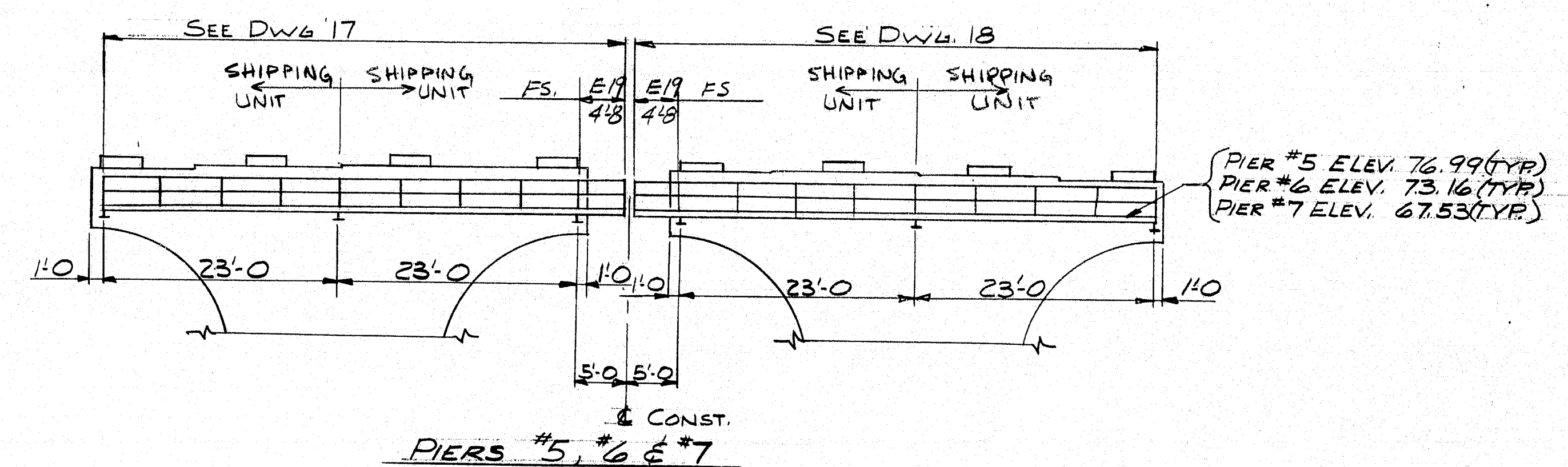
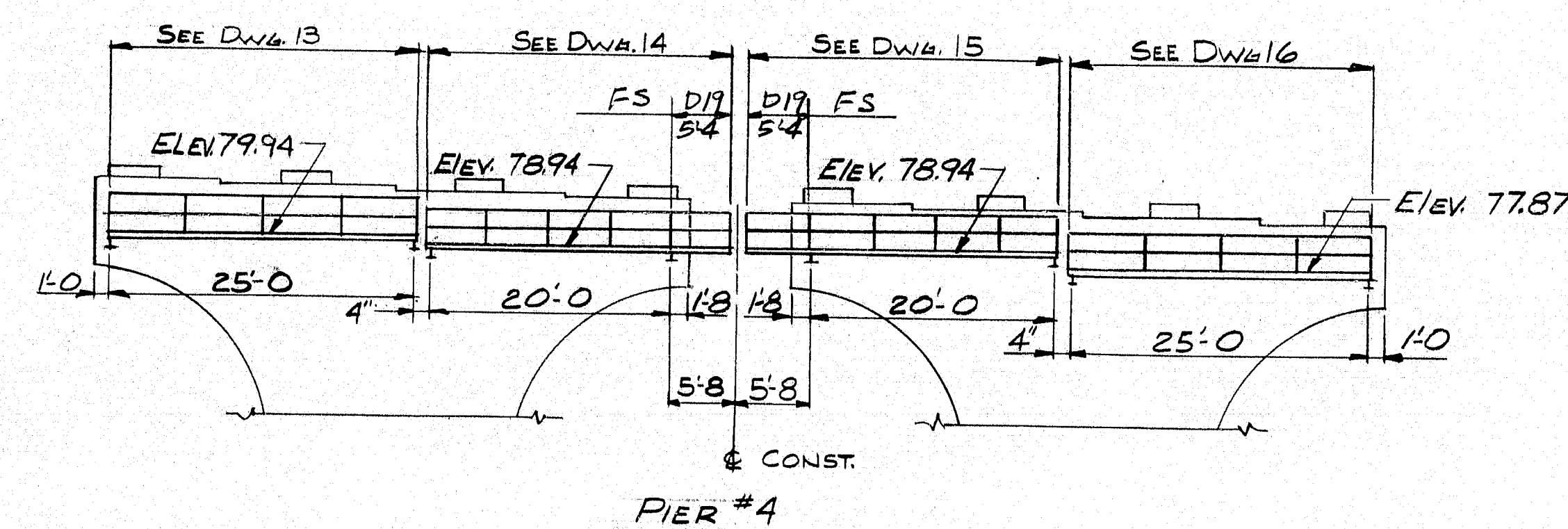
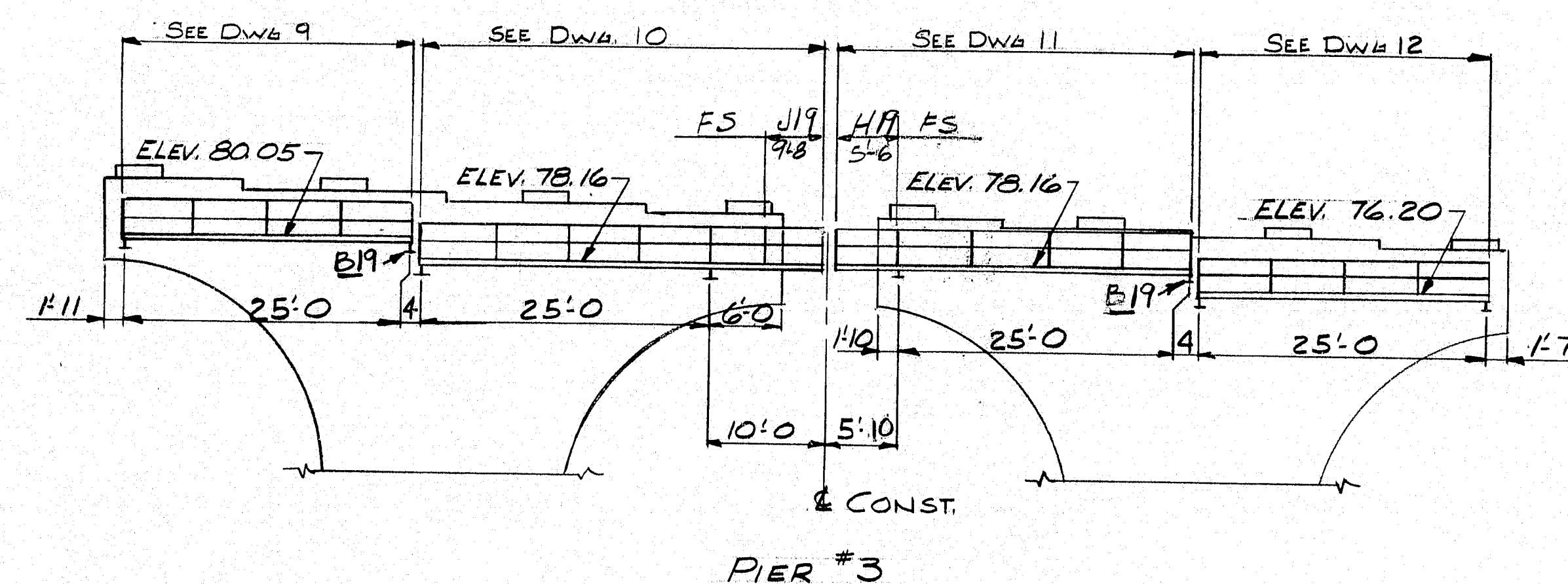
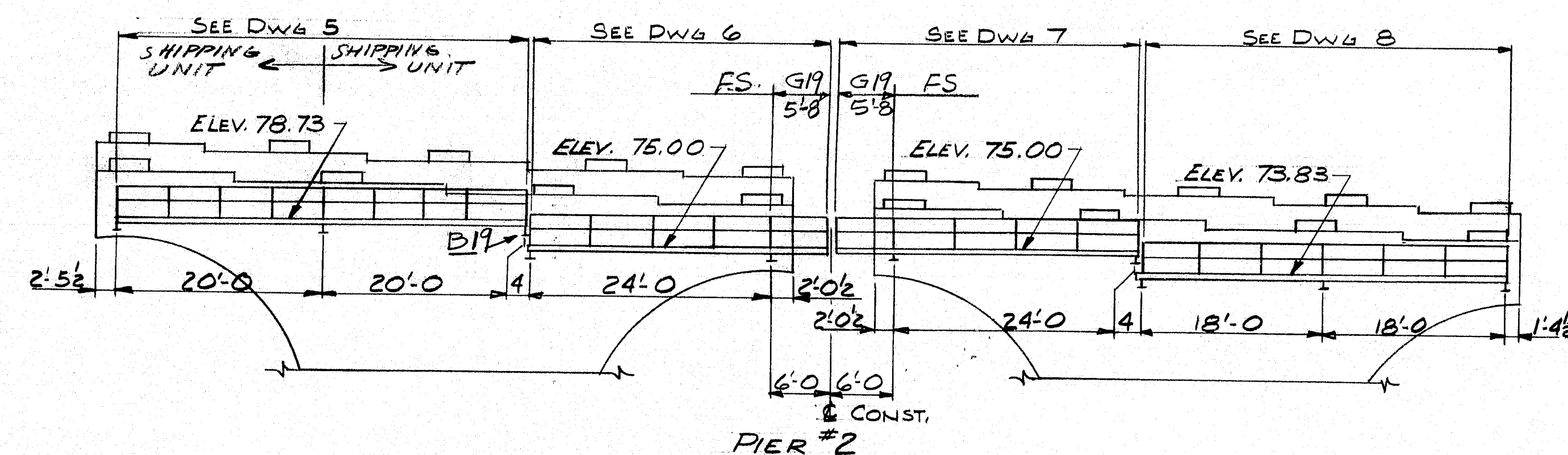
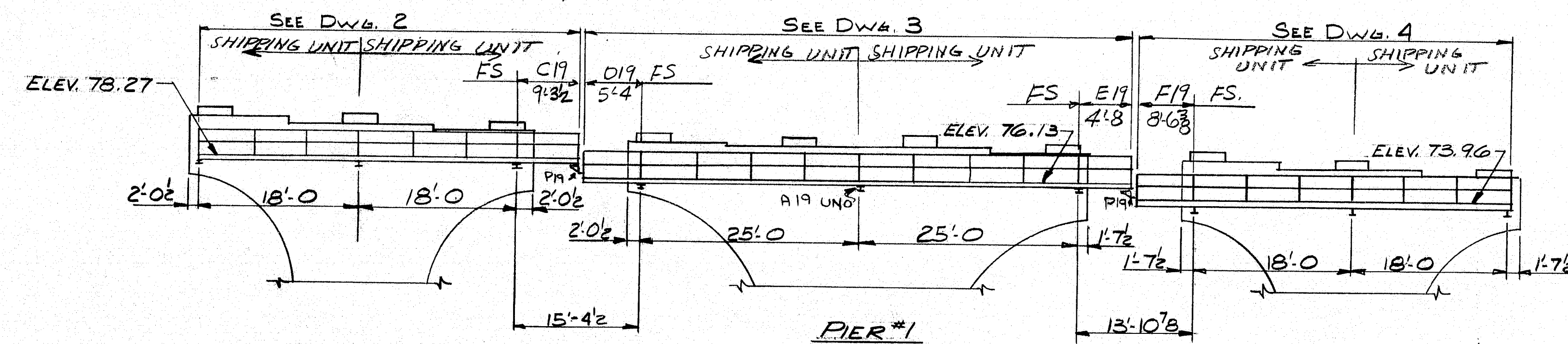
NOTE:
DIMENSIONS NOTED AS SUCH
CHANGED FROM ORIGINAL CONTRACT
PI APPROVAL DRAWING 8-1-84

- NOTES:
- 1) ALL EL. GIVEN ARE TOP OF GRATING
 - 2) ALL ELEVATION VIEWS LOOKING WEST

Br. # 1558

R90-316

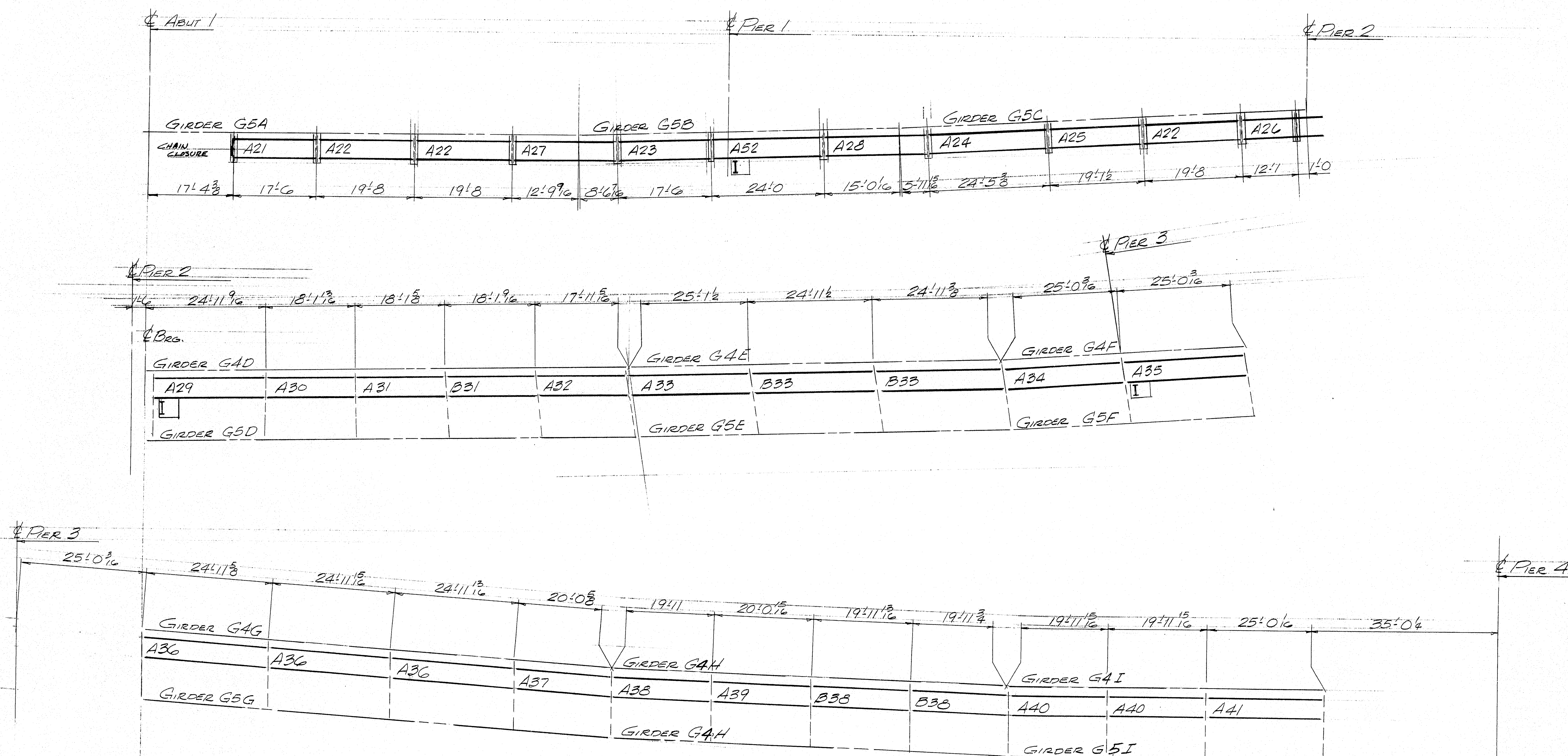
PRINT DISTRIBUTION	F.A. 1/30/84	MATERIAL	HOLES
	25/10/84	BOLTS	ELECTRODE
	8-8-84	SURFACE PREP	REF. DWG.
	8-9-84	PRIMER	
FINISH	4-9-85		
MAINE-CASCADE IRON WORKS			
BAKER STREET, CLINTON, MAINE 04927			
PHONE 207-426-2671			
DESCRIPTION ANCHOR LOCATION ~ PIER CATWALKS			
PROJECT I-395 BRIDGE *I-IG-395-8(82)176			
LOCATION BANGOR-BREWER, ME			
DESIGNER M.D.O.T.			
CUSTOMER CIAMBRO CORP.			
REV. A	7-19-84	JOB NO. 84-546-1	DWG. NO. E-1
CHKD			
DRWN			



PIER CATWALKS TO BE SHOP
ASSEMBLED WITH GRATING AND
HANDRAIL ATTACHED TO
STRINGERS. LENGTHS SPLIT
AS SHOWN.

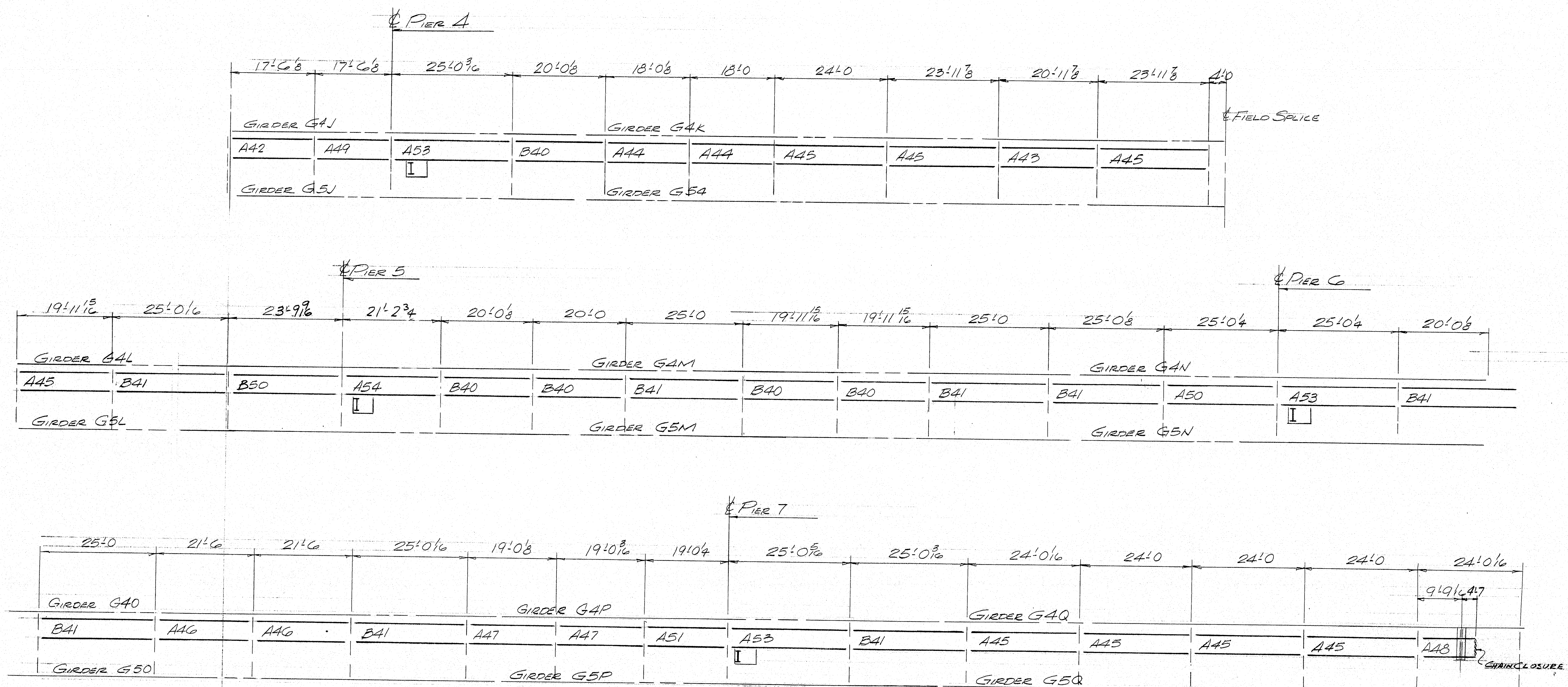
R90-317

PRINT DISTRIBUTION	MATERIAL A36 - GALV.	HOLES 1/2" U.N.
FA 12/1/85	BOLTS 2" LIN. A325 - GALV.	ELECTRODE E60
PA 1-24-85	SURFACE PREP	REF. DWG.
SH 12-31	PRIMER	
bl 12-31	FINISH GALV.	
bl 12-31	P.N. I-14-395-8(82)176	
	MAINE-CASCADE IRON WORKS	
	BAKER STREET, CLINTON, MAINE 04927 DEC 3 1984	
	DESCRIPTION CATWALK LOCATION (PIERS/THRU 7)	
	PROJECT BRIDGE #1395 OVER PENOBSCOT RIVER	
	LOCATION BANQUOR/BREWER, ME.	
	DESIGNER MAINE D.O.T.	
	CUSTOMER CIAMBRO CORP.	
	JOB NO. 84-546-1	DWG. NO. E-2
REV. A	UPE	REV. A
CHK'D	C.R.T.	
DRWN	JOHN P. FOURNIER	
	DETAILING SERVICE INC.	



PRINT DISTRIBUTION		MATERIAL	HOLES
FA	1/27/12	BOLTS	ELECTRODE
FA	2/21/12	SURFACE PREP	REF. DWG.
FA	3/28/12	PRIMER	FLD 23 1985
FA	4-10	FINISH	
Proj # I-IG-395-B(82)176 Bid Item 504-7002			
MAINE-CASCADE IRON WORKS			
BAKER STREET, CLINTON, MAINE 04927			
PHONE 207-428-2671			
DESCRIPTION <u>CATWALK PLATFORM LOCATION PLAN</u>			
PROJECT <u>BRIDGE I 395 OVER PENOBSCOT RIVER</u>			
LOCATION <u>BANGOR / BREWER, MAINE</u>			
DESIGNER <u>MAINE DEPT. OF TRANS</u>			
CUSTOMER <u>CIANBRO CORP.</u>			
JOB NO. <u>84-546-2</u>		DWG. NO. <u>E3</u>	REV. <u>△</u>

R90-318



PRINT DISTRIBUTION		MATERIAL	HOLES
FA	12/2/89	BOLTS	ELECTRODE
FA	2/2/89	SURFACE PREP	REF. DWG.
FA	3/28/89	PRIMER	FEB 23 1989
FA	4-10	FINISH	
Spec # I-IG-395-B (82) 176 Bid Item 504-7002			
MAINE-CASCADE IRON WORKS			
BAKER STREET, CLINTON, MAINE 04927			
PHONE 207-428-2871			
DESCRIPTION <u>CATWALK PLATFORM LOCATION PLAN</u>			
PROJECT <u>BRIDGE 1395 OVER PENOBSCOT RIVER</u>			
LOCATION <u>BANGOR / BREWER, MAINE</u>			
DESIGNER <u>MAINE DEPT. OF TRANS.</u>			
CUSTOMER <u>CIANORO CORP</u>			
JOB NO. <u>84-546-2</u>		DWG. NO. <u>E4</u>	REV. <u>△</u>

R90-319

ANCHOR SCHEDULE

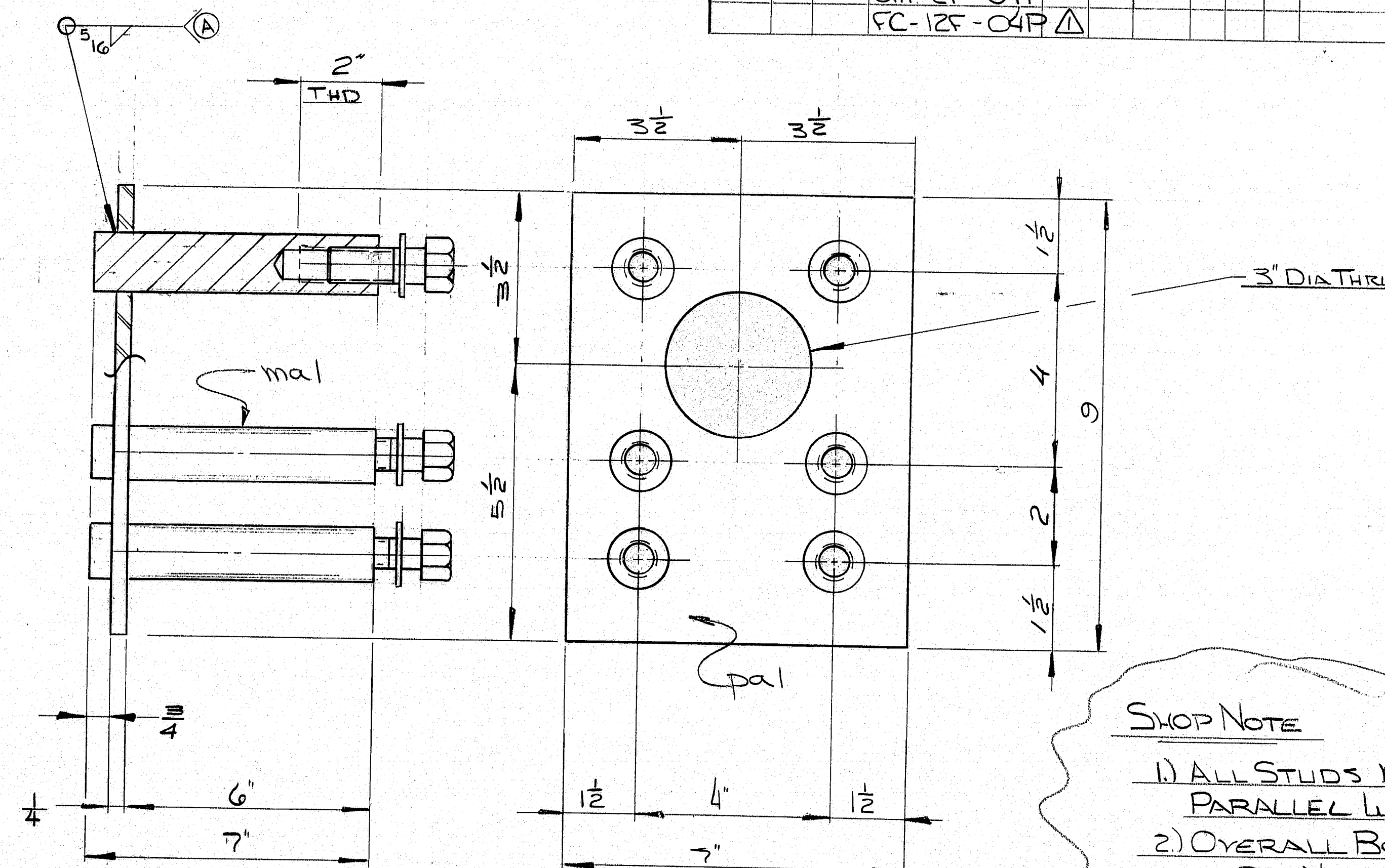
QTY	LOCATION
9	PIER # 1
10	2
8	3
8	4
6	5
6	6
6	7

MATERIAL SCHEDULE

SHIPPING MARK	NO. POS.	SUB-ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A1	53		ANCHOR					
	53	pal	1/2" x 7	0 9	stk			
	318	mal	#11 REBAR	0 7	23910		THD FOR GALT BOLT GRADE 60	
	318	Shop	1/2" Hex Bolt	0 2 1/2	23247		A325 GALT, W/F.W. (Type 1) 1 1/4 THD MIN.	

WELDING PROCEDURE

FC-12F-03P Δ
SM-2F-01P
FC-12F-04P Δ

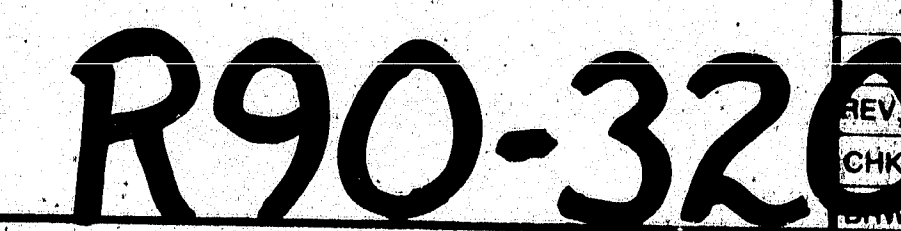


SHOP NOTE

- 1) ALL STUDS MUST BE PARALLEL WITHIN $\frac{1}{32}$ "
- 2) OVERALL BOLT PATTERN TO BE HELD $\pm \frac{1}{16}$ "

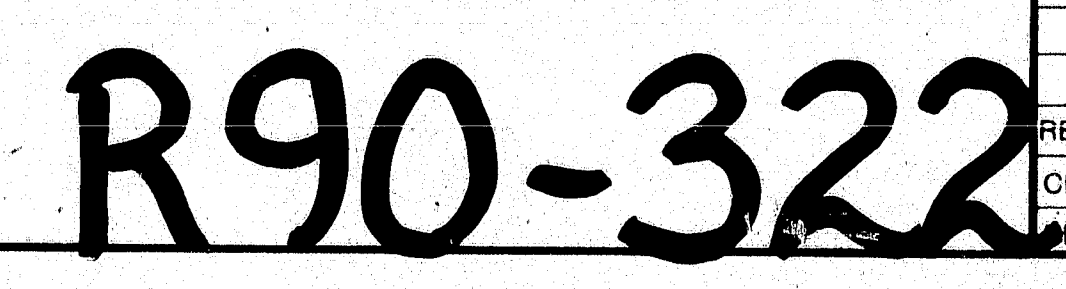
PRINT DISTRIBUTION	MATERIAL	A36, UNO	HOLES	1 1/2" UNO
FA 7/20/84	BOLTS	A325 GALT (Type 1)	ELECTRODE	PER WELDING PROCEDURE
FA 8-8-84	SURFACE PREP	SP6 Δ	REF. DWG.	355-8(82)-50
FA 8-9-84	PRIMER			
FA 8-15-84	FINISH			
FA 4-9-85	MAINE-CASCADE IRON WORKS BAKER STREET, CLINTON, MAINE 04927 PHONE 207-429-2871			
DESCRIPTION: ANCHORS 2 PIER CATWALKS				
PROJECT: I-395 BRIDGE *I-IG-395-8(82)176				
LOCATION: BANGOR-BREWER, ME.				
DESIGNER: M.D.O.T.				
CUSTOMER: CIAMBRO CORP.				
REV. Δ	CHK'D	DRWN	PREP	7-88
JOB NO.		84-546-1		DWG. NO.
REV.		Δ		

11 - Bolts + Surface Prep

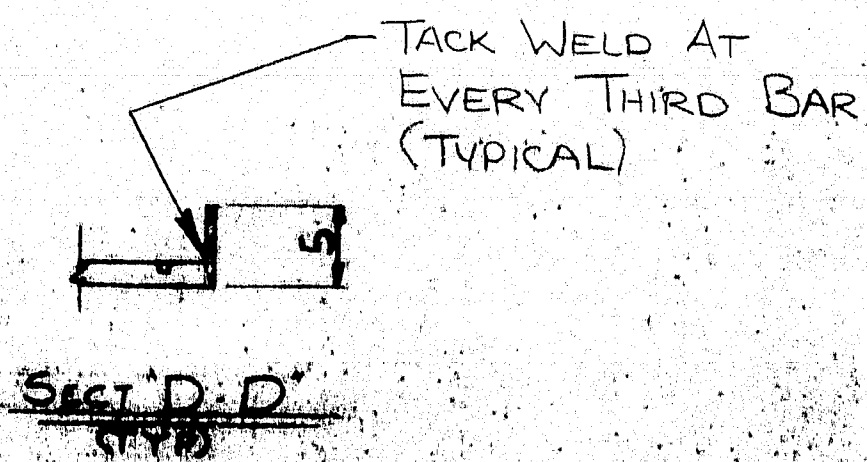
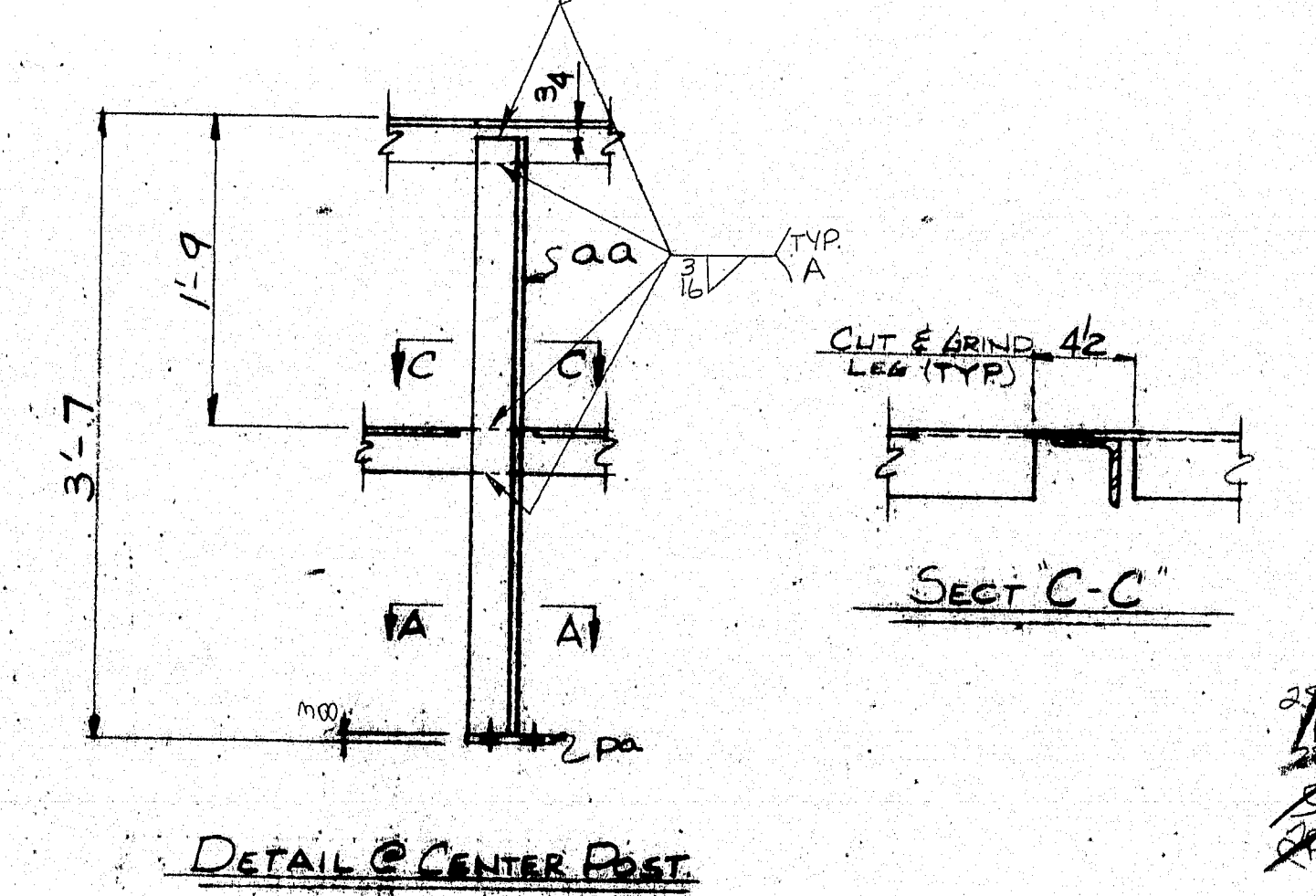
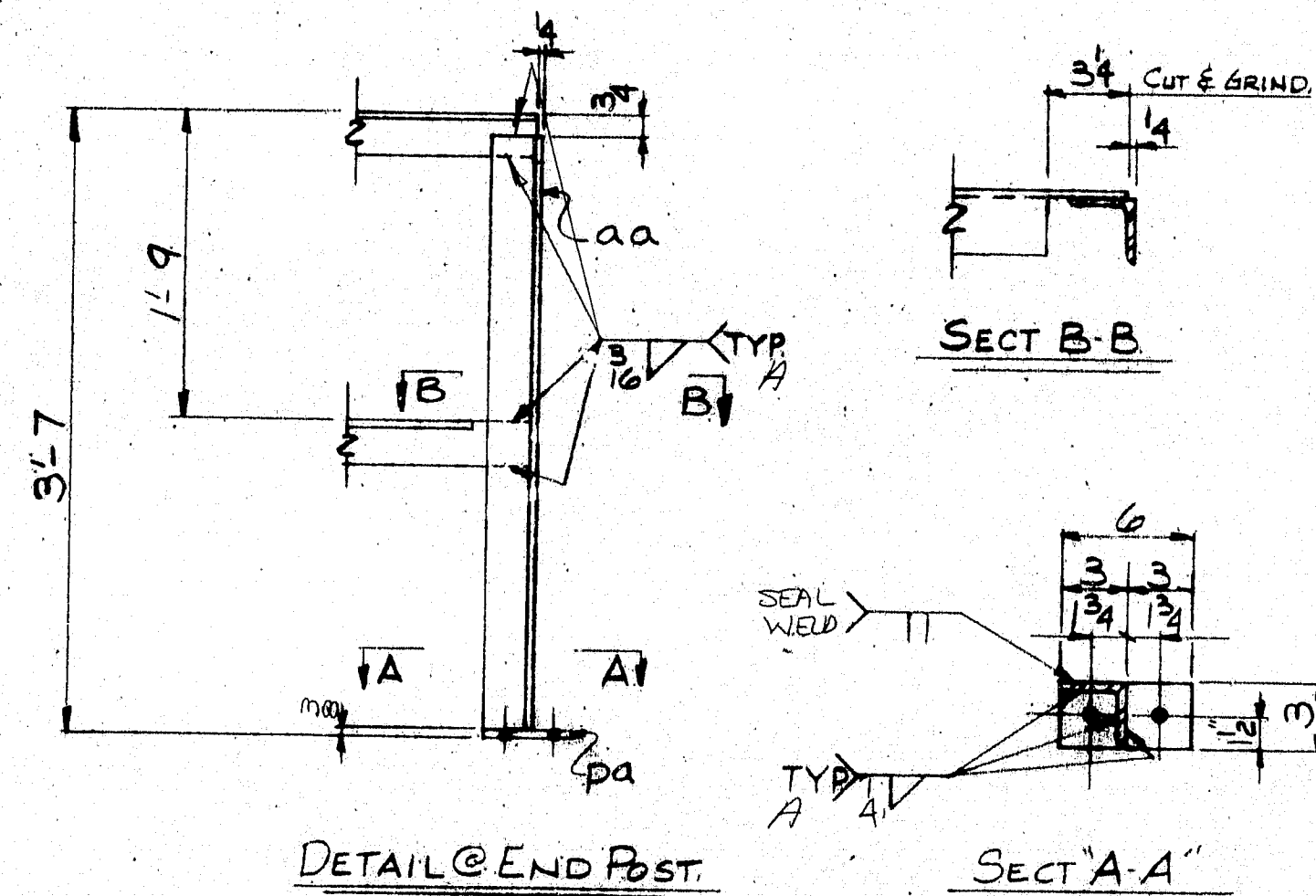
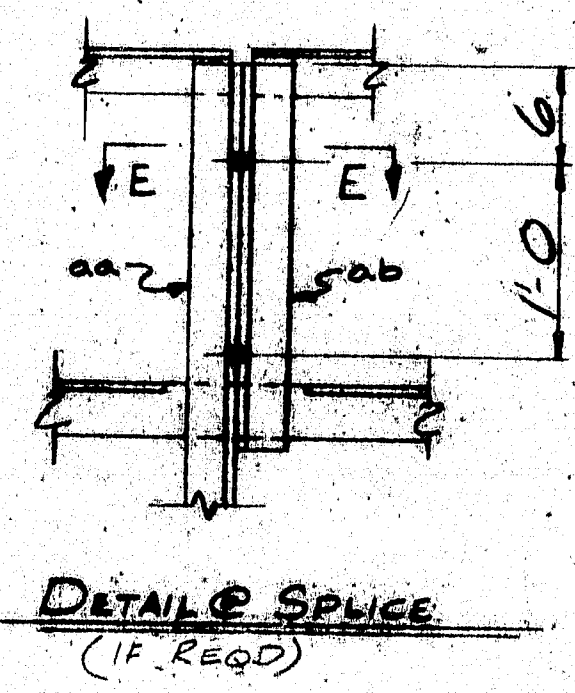
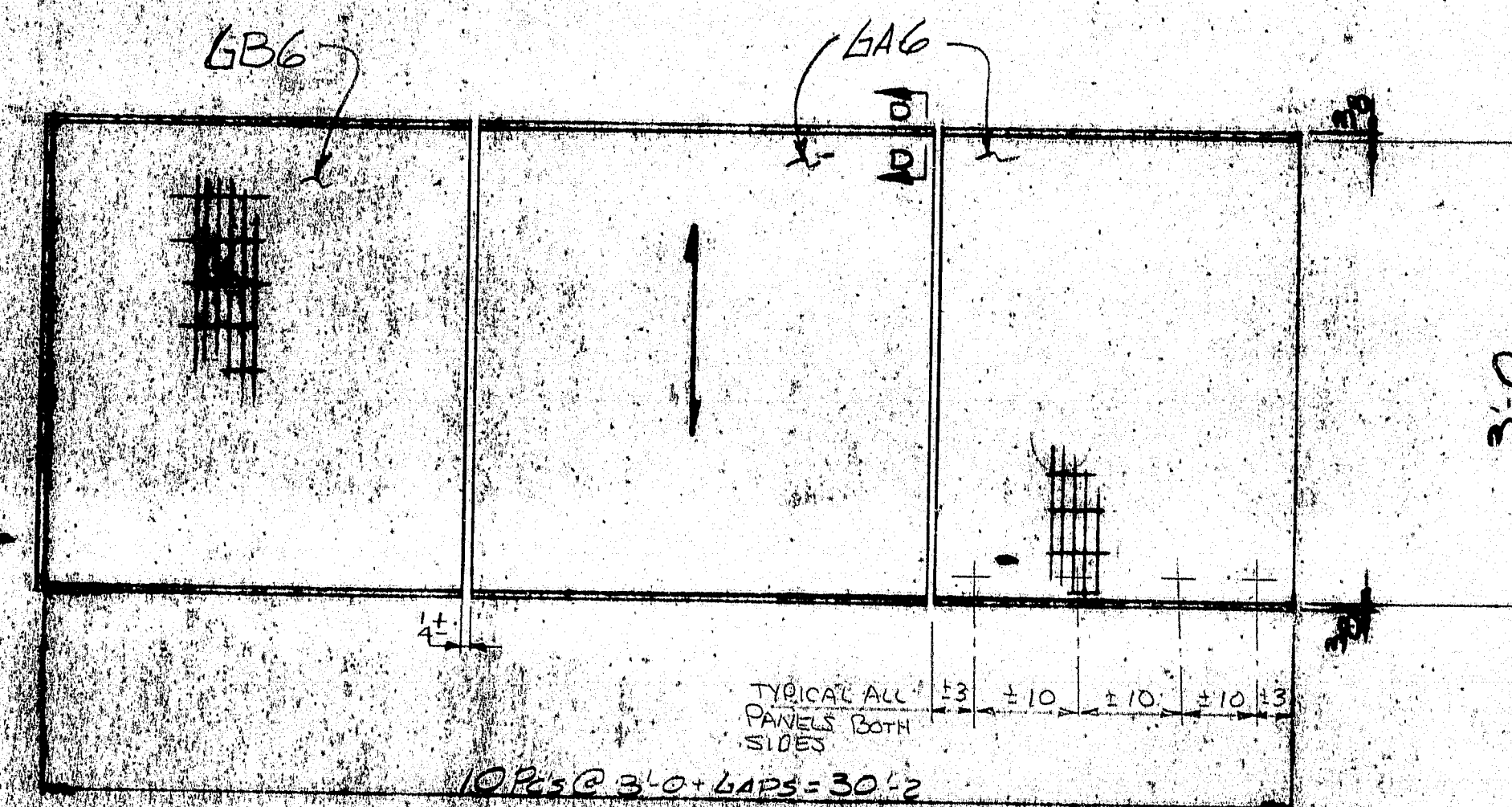
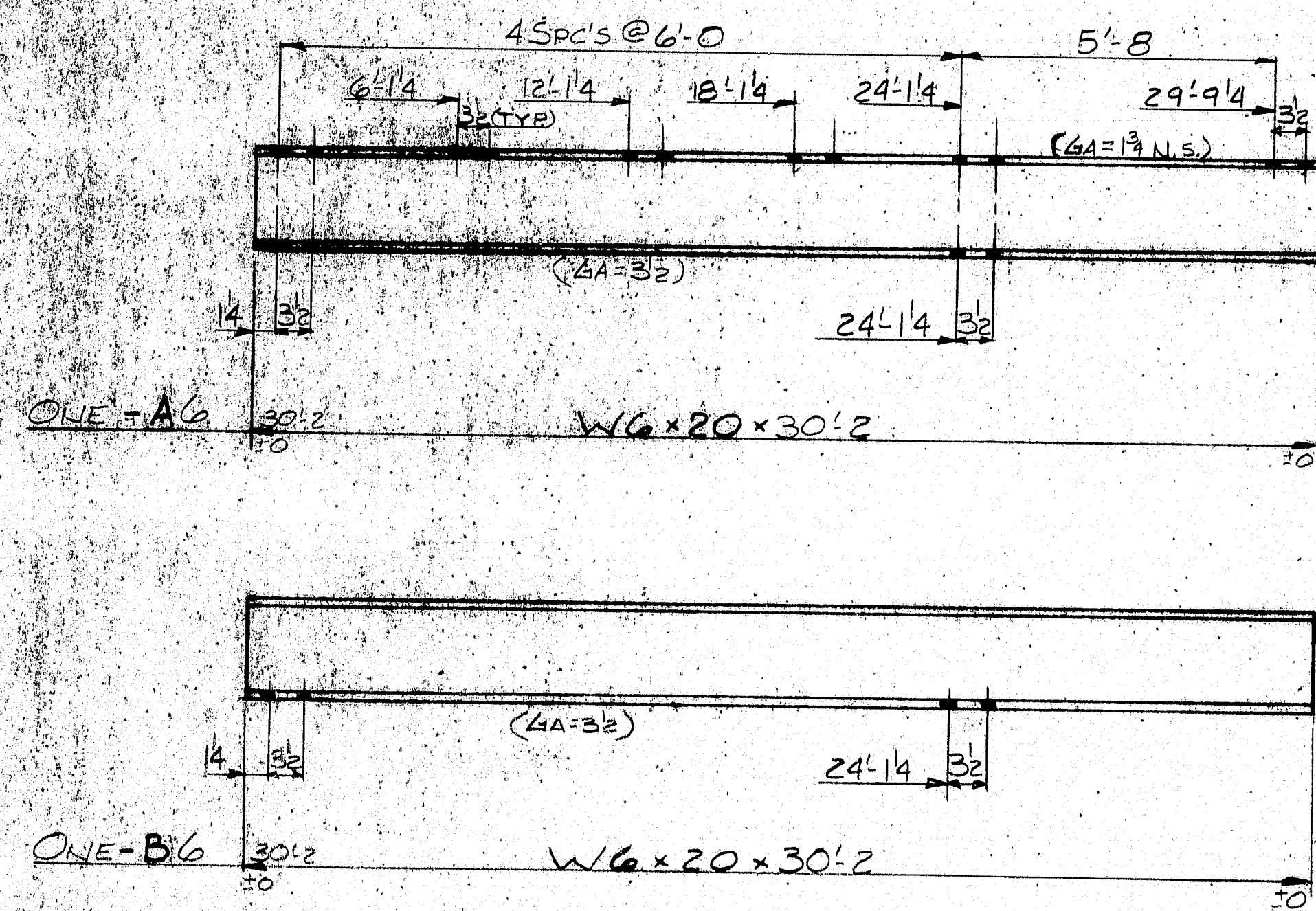
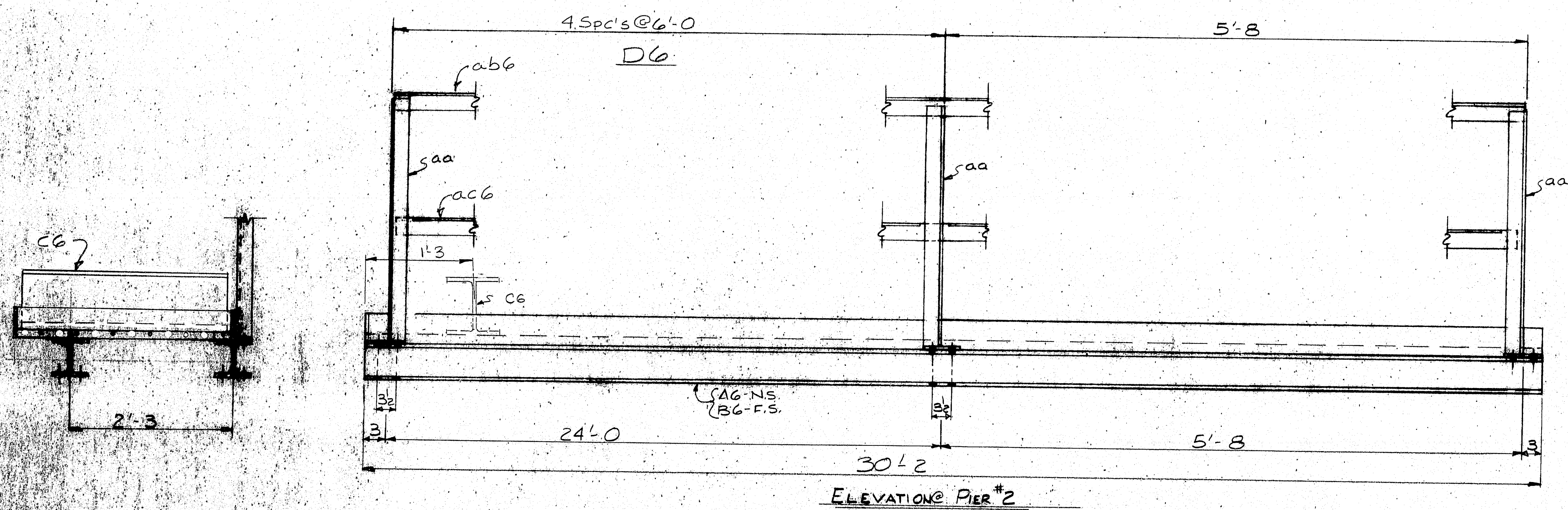


MATERIAL SCHEDULE											
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM			REMARKS	WT.
				FT.	IN.		NO.	FT.	IN.		
AZ	1		WG x 20	18	2 3/4	2805	1	40	0	cap to CR	365
BZ	1			27	6 1/4	crop from AZ					550
CZ	1			18	2 3/4	crop from AZ					365
DZ	1		WG x 20	27	6 1/4	29905	1	40	0		550
EZ	1		RAIL ASSY	18	0					(32A)	—
FZ	1		RAIL ASSY	27	3 1/2					(32A)	—
GZ	14		(GRTA) 1 x 4 x 36" CSN. ELECTROFORGED C.G. BB = 1 1/2"	3	0	890ND				KICK R 2 SIDES (63)	882
HZ	1		(GRTA) 1 x 4 x 36"	3	0	1				KICK R 3 SIDES	63
SHOP 122			SADDLE CURS	—	—	✓				GALV - TYPE C	
SHOP 122			1" Ø SELF TAPPING	0	1	22153				GALV	
8 aa			3 x 3 x 1/4	3	6	crop					137
1 ab				2	0	crop					10
1 ac				3	5	crop					17
2 ad				3	2 1/2	crop					31
1 af2				17	11 1/2	22159	1	20	0		88
1 ag2				27	3		1	40	0		134
1 ah2				17	11 1/2		1	20	0		88
1 aj2			3 x 3 x 1/4	27	3	✓	1	40	0		134
10 pa			1/2" x 3	0	6	4PL					19
SHOP 16	20		1/2" BOLTS	0	1 3/4	22159				} A325 TYPE 1 - GALV.	
SHOP 3			do	0	2 3/4						
SHOP 38			2" WASH	—	—	✓					
(A) G.N.-12F-01P											
PRINT DISTRIBUTION							TOTAL WEIGHT				
MATERIAL A36 - GALV.							HOLES 1/2" L.I.N.				
BOLTS 1/2" A325 TYPE 1 GALV.							ELECTRODE SEE PROCEDURES				
SURFACE PREP							REF. DWG.				
PRIMER											
FINISH GALV											
P.N. - #I-16-395-8(82)176											
MAINE-CASCADE IRON WORKS BAKER STREET, CLINTON, MAINE 04927 PHONE 207-426-2671											
DESCRIPTION <u>CATWALK DETAILS @ RIER #1</u>											
PROJECT <u>BRIDGE 1395 OVER PENOBSCOTT RIVER</u>											
LOCATION <u>BANGOR/BREWER, ME</u>											
DESIGNER <u>MAINE DOT</u>											
CUSTOMER <u>CIAMBRO CORP</u>											
JOB NO. <u>84-546-1</u> DWG NO. <u>2</u>											

R90-321

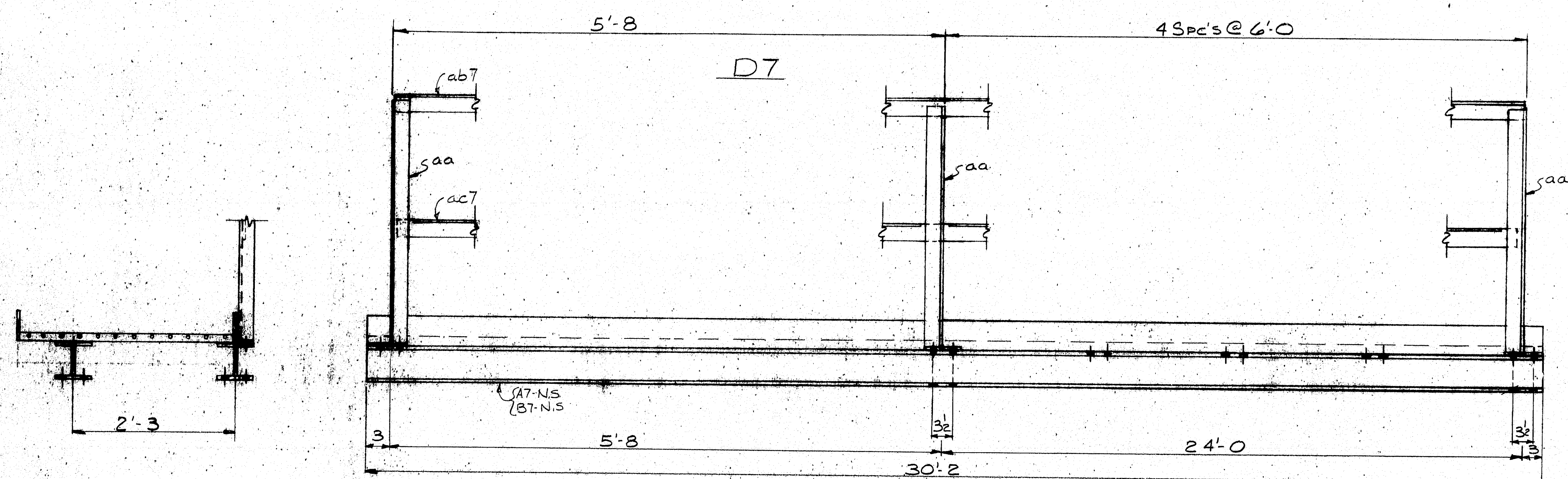


R90-323

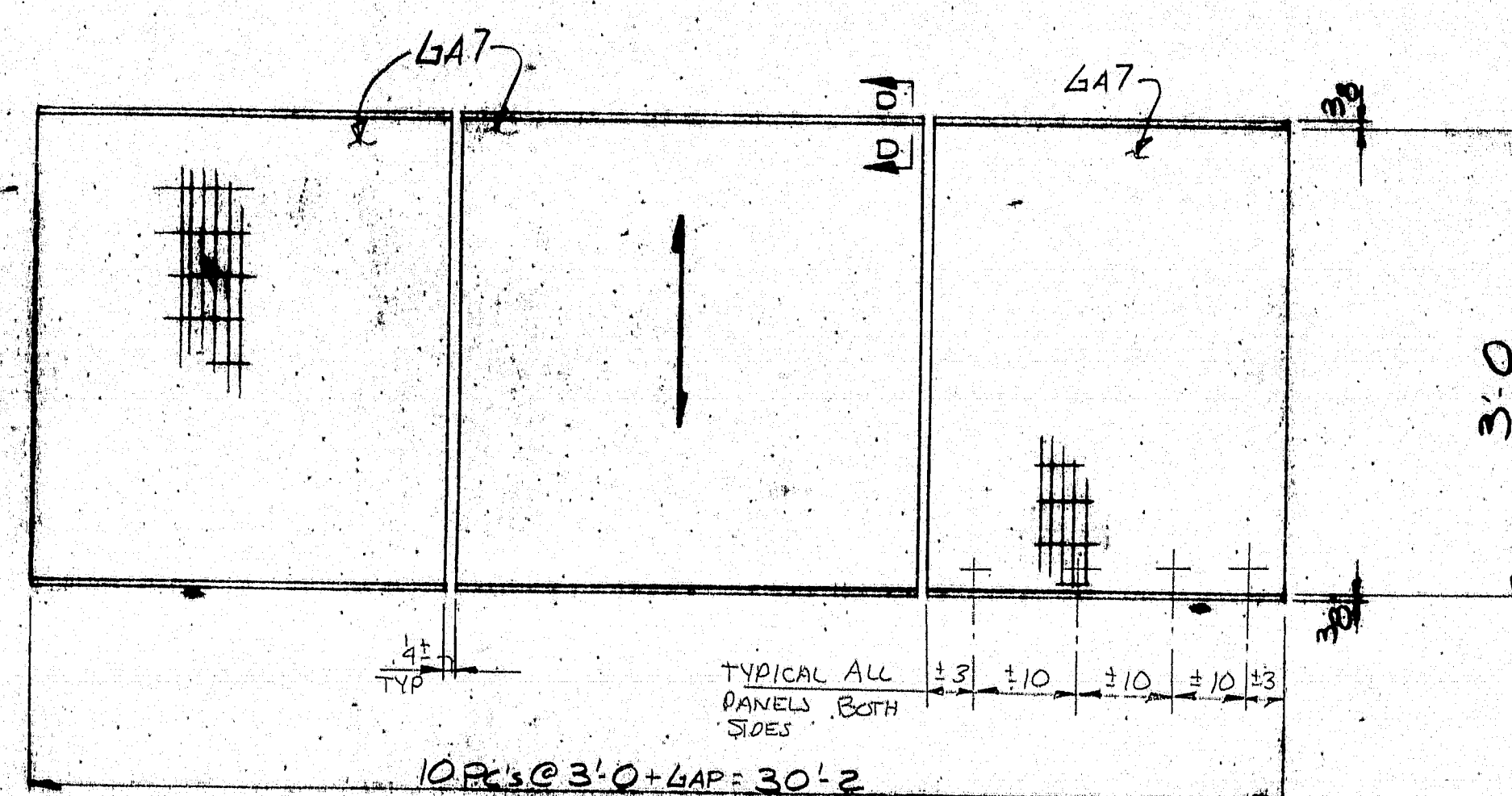
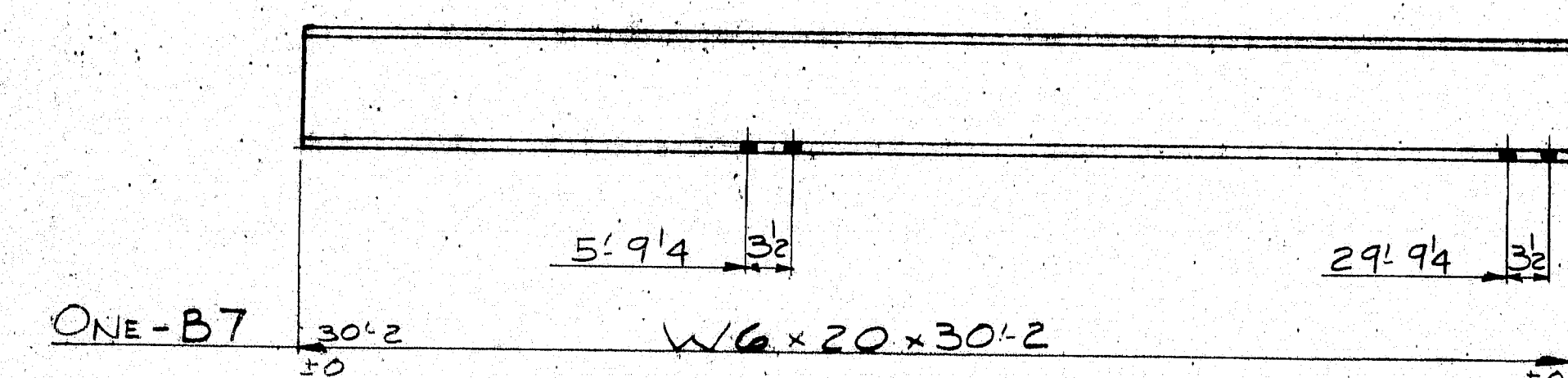
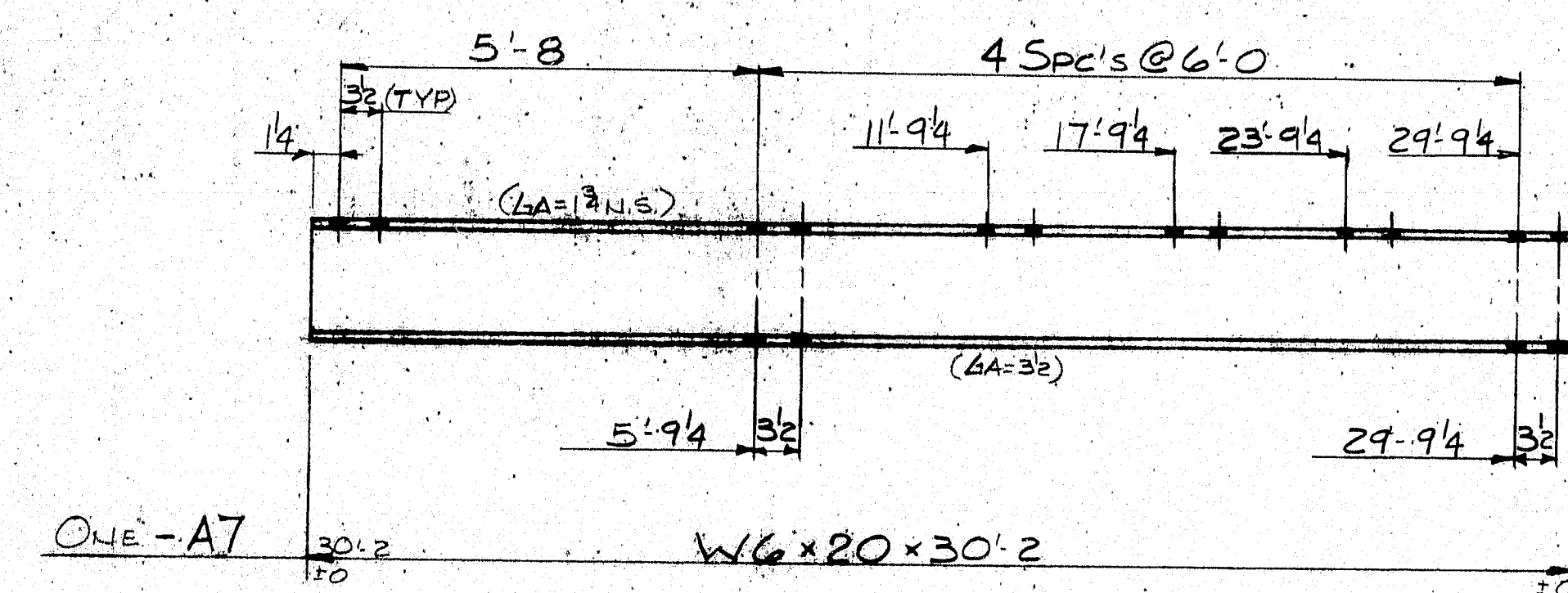


MATERIAL SCHEDULE										
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM		REMARKS	WT.
				FT.	IN.		NO.	FT.		
AG 1			W6 x 20	30	2	29 1/2	1	40	0	603
BG 1			W6 x 20	30	2	29 1/2	1	40	0	603
CG 1			W10 x 39	3	0	2 1/2	1	40	0	117
DG 1	1 mag		RAIL ASSY	29	8					(40)
LAG 9			(GRT4) x 4 x 3/4" C.G. ELECTROFORGED OR B.B. 1/2"	3	0	29 1/2			W/KICK #2 SIDES (6)	507
LBG 1			(GRT4) x 4 x 3/4" C.G. ELECTROFORGED	3	0	29 1/2			W/KICK #3 SIDES	507
SHOP B2			SADDLE CLIPS	-	-				GALV-TYPE C	
SHOP B2			1/4" Self Tap	0	1	2 1/2			GALV	
6 aa			3 x 3 x 4	3	6				Cut from (6)	103
1 ab6			"do"	29 7 1/2	2 1/2	1	40	0		145
1 ac6			3 x 3 x 4	29 7 1/2	2 1/2	1	40	0		145
6 pa			3 x 3	0	6	29 1/2				12
SHOP 14			1/2" BOLTS	0	1 3/4	2 1/2			} TYPE I A325 - GALV	
SHOP 28			1/2" WASHERS	-	-					
A - GNI-99F-01P										
TOTAL WEIGHT										2358
PRINT DISTRIBUTION				MATERIAL A36 - GALV				HOLES 1/32" W.N.		
FA 12/4/88				BOLTS 1/2" TYPE I A325 - GALV				ELECTRODE SEE PROCEDURES		
FA 1-24-85				SURFACE PREP				REF. DWG.		
SHOP 2-27				PRIMER						
SHOP 3-28-85				FINISH GALV						
				P.U. #I-14-395-B(22)176						
MAINE-CASCADE IRON WORKS										
BAKER STREET, CLINTON, MAINE 04927 DEC 3 1984										
PHONE 207-426-2671										
DESCRIPTION CATWALK DETAILS @ PIER #2										
PROJECT BRIDGE 1395 OVER PINE SCOTT RIVER										
LOCATION BANGOR/BREWER, ME										
DESIGNER MAINE DOT										
CUSTOMER CHANDLER CORP										
JOB NO. 88-1111-1 DWG. NO. 6 REV. A										

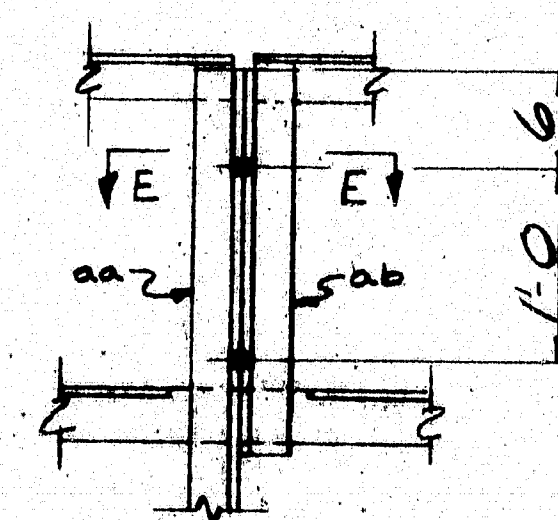
R90-324



ELEVATION PIER #2

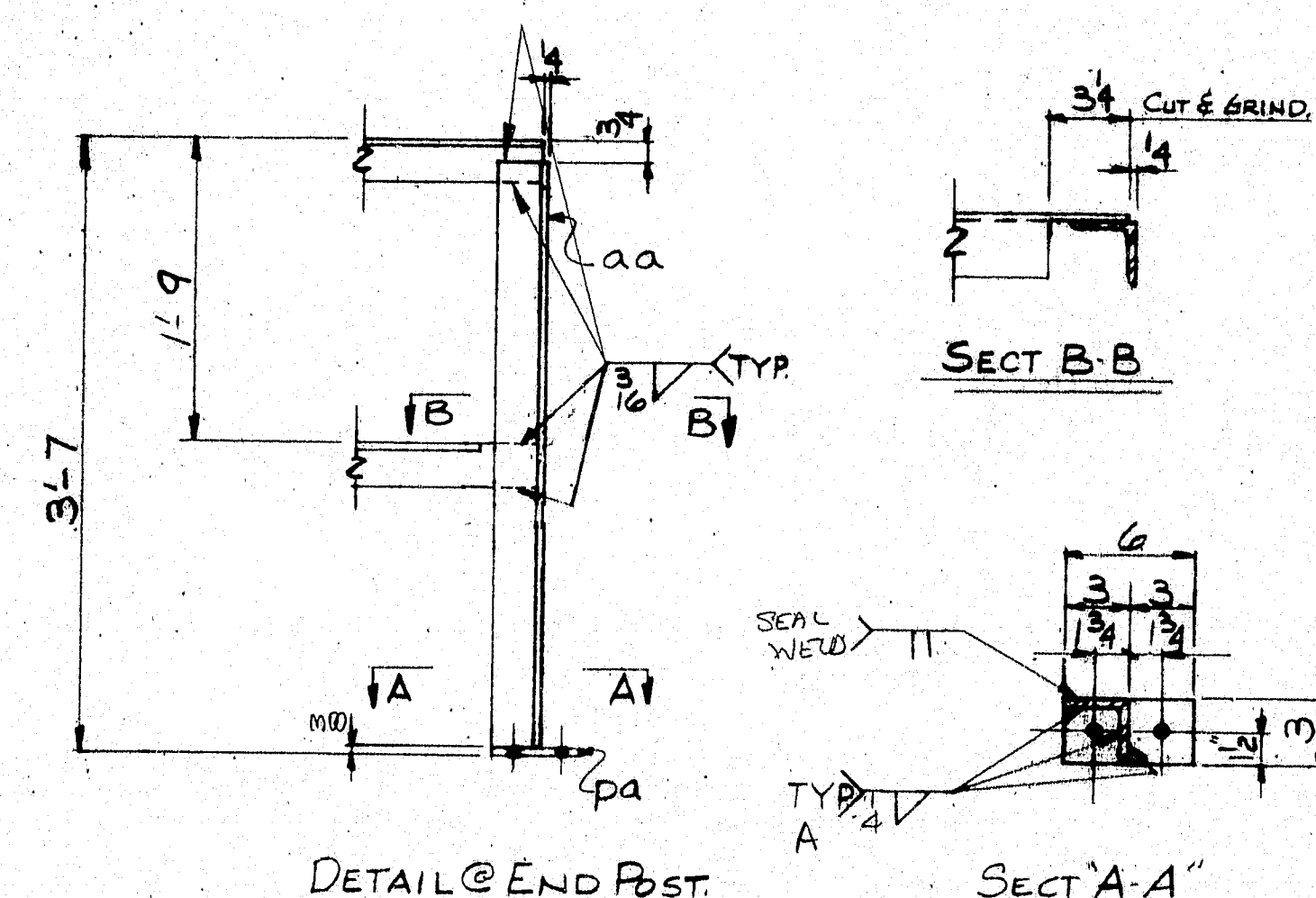


4A7-10 READ

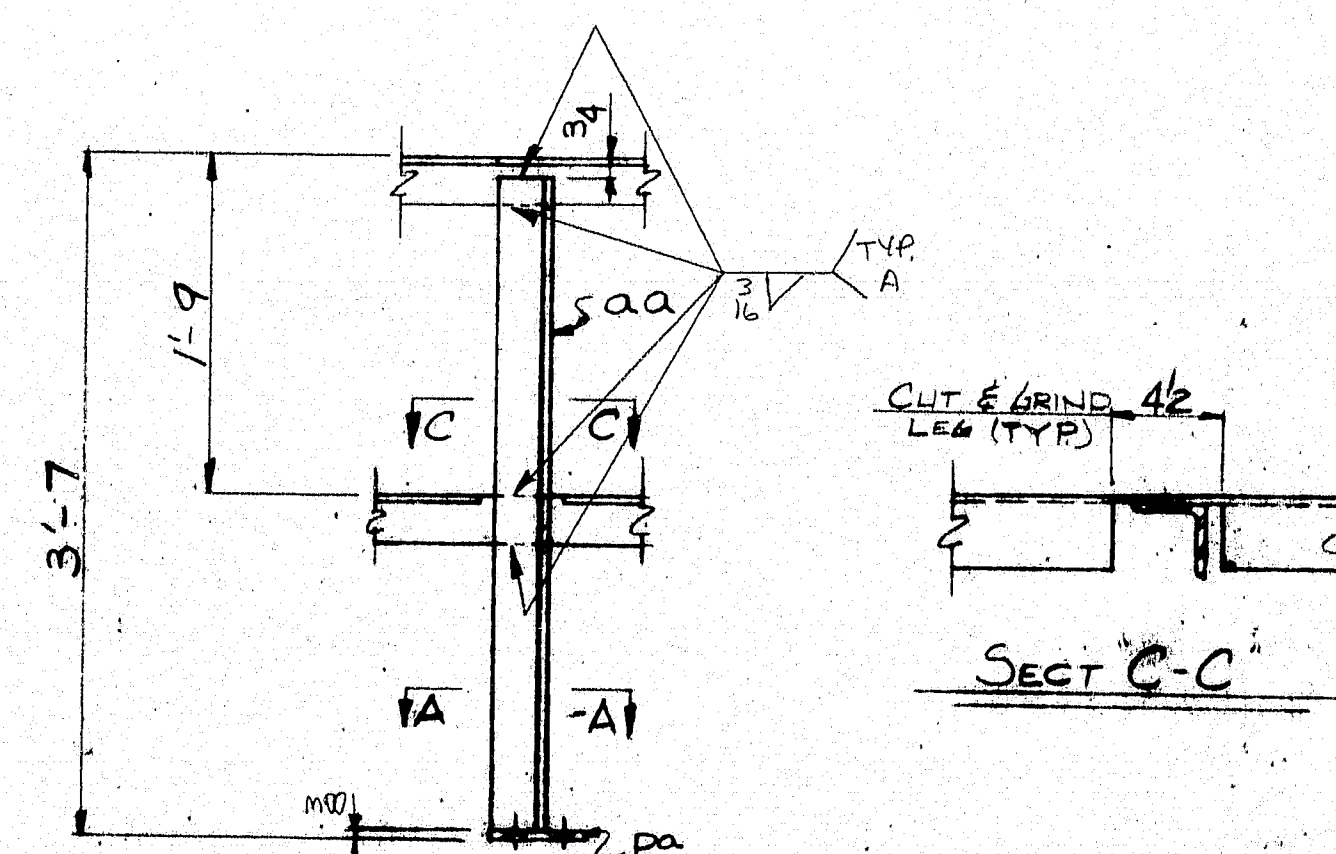


DETAIL @ SPLICE (IF READ)

JACK WELD AT EVERY THIRD BAR (TYPICAL)



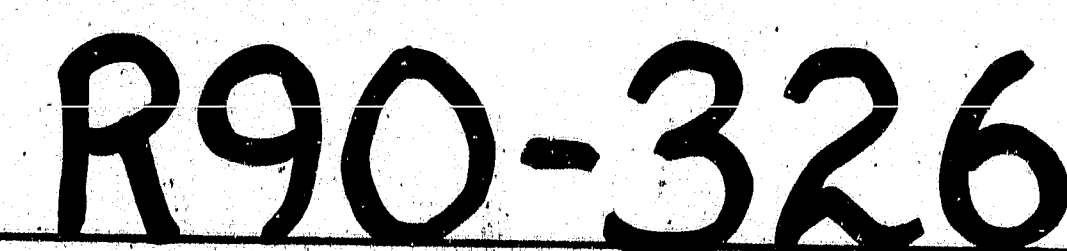
DETAIL @ END POST

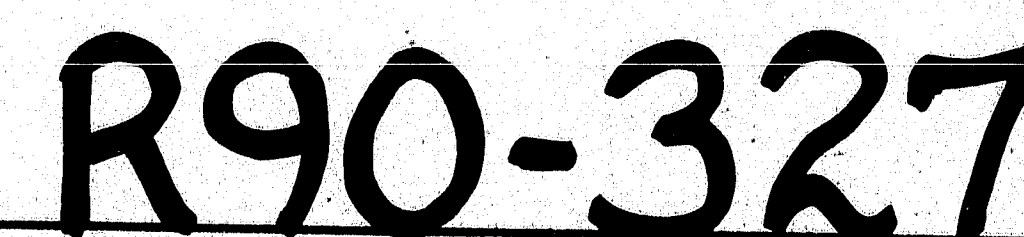


DETAIL @ CENTER POST

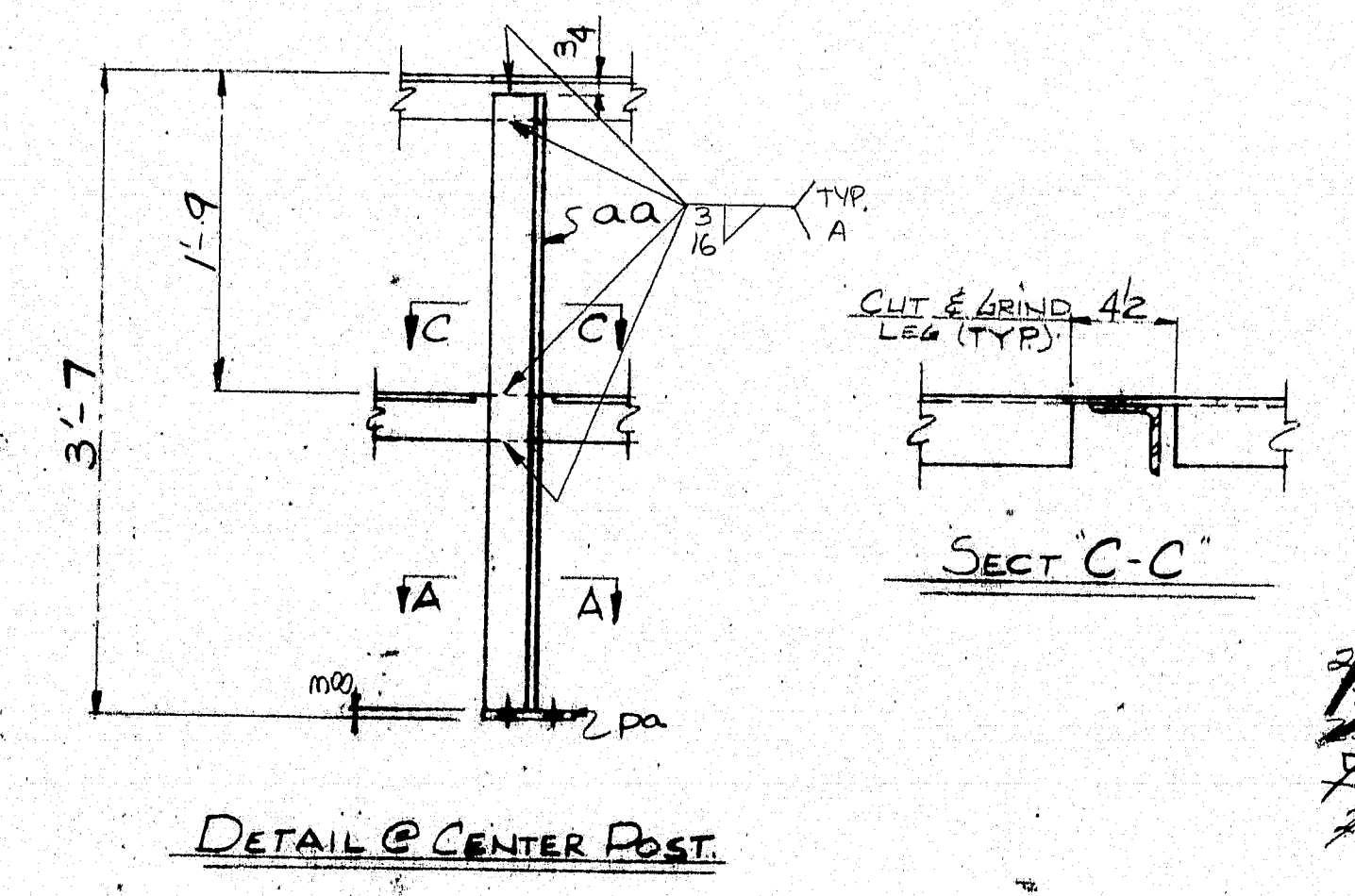
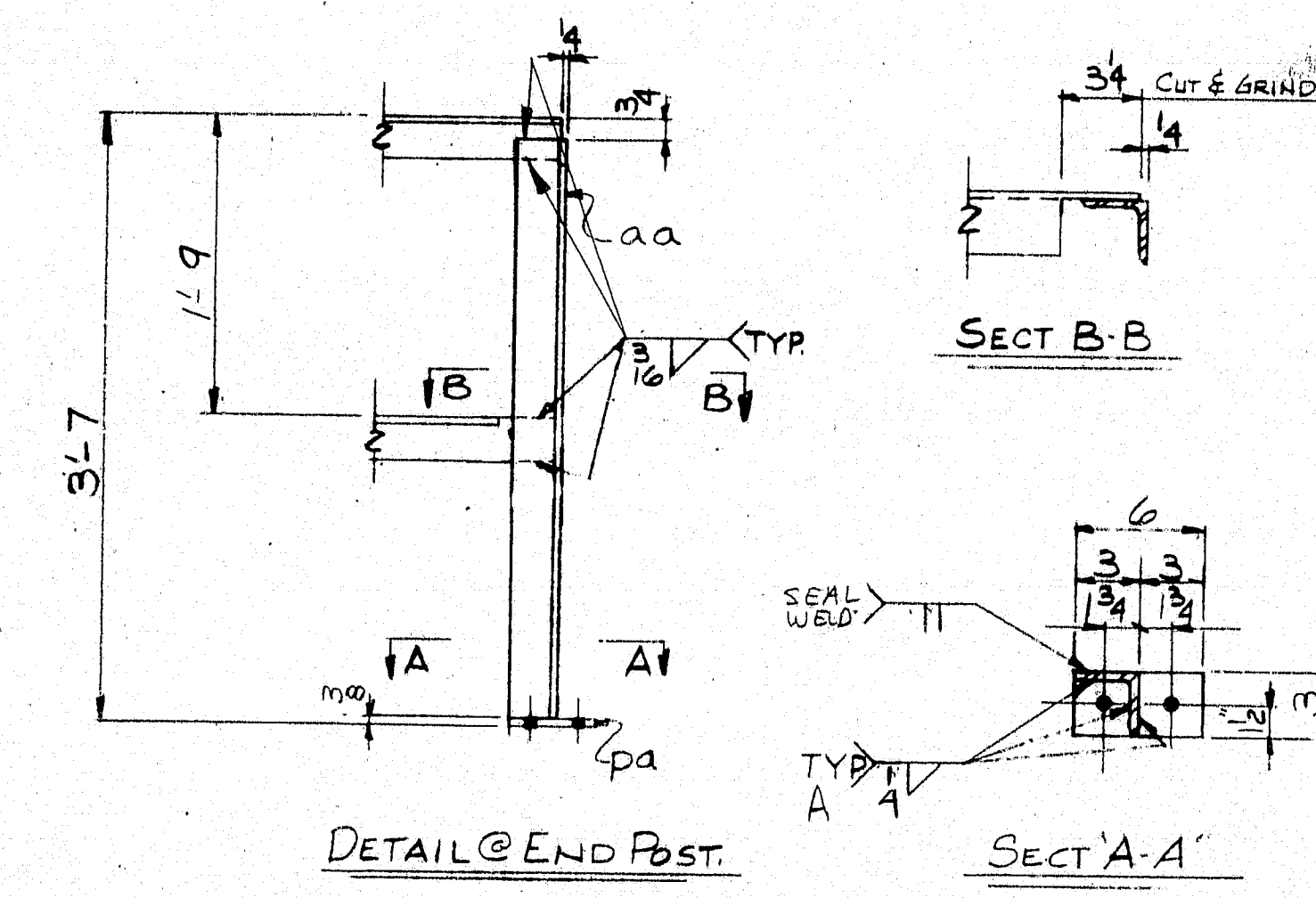
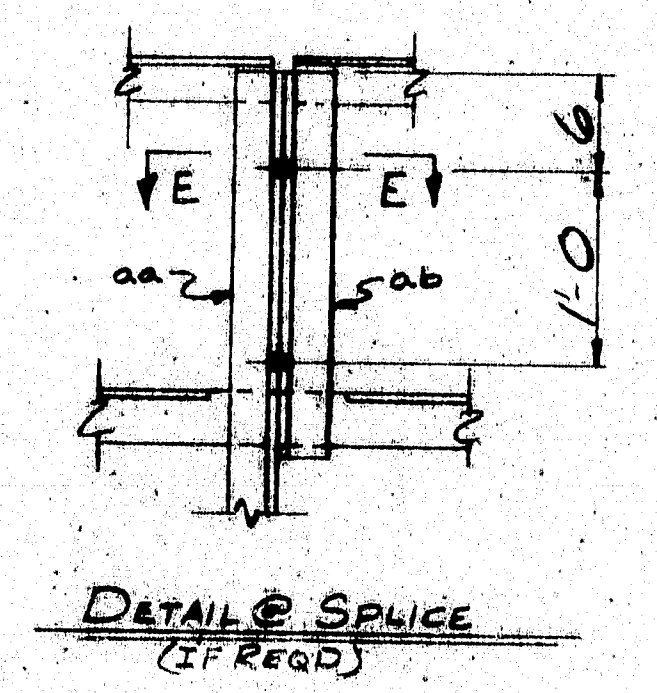
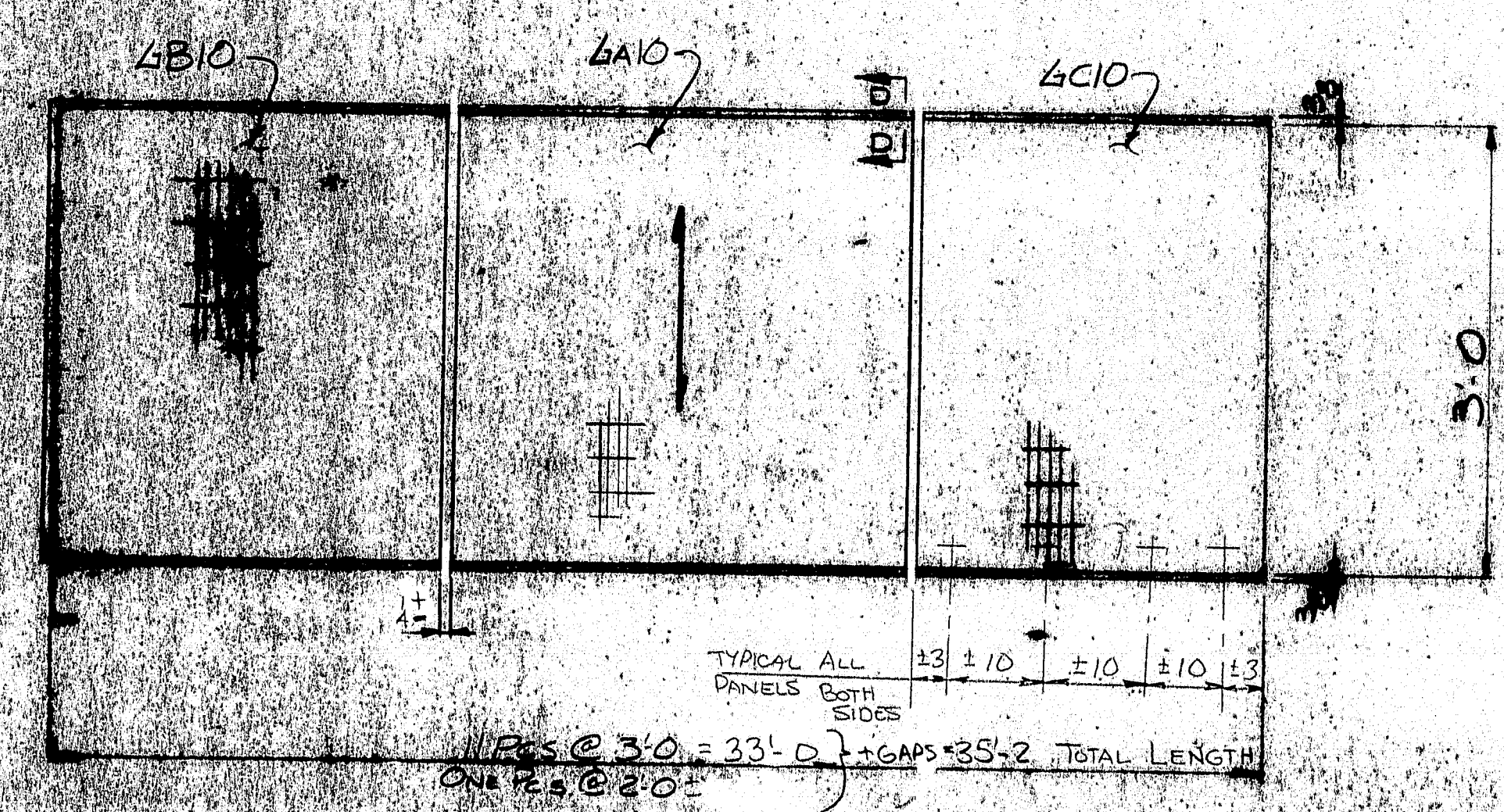
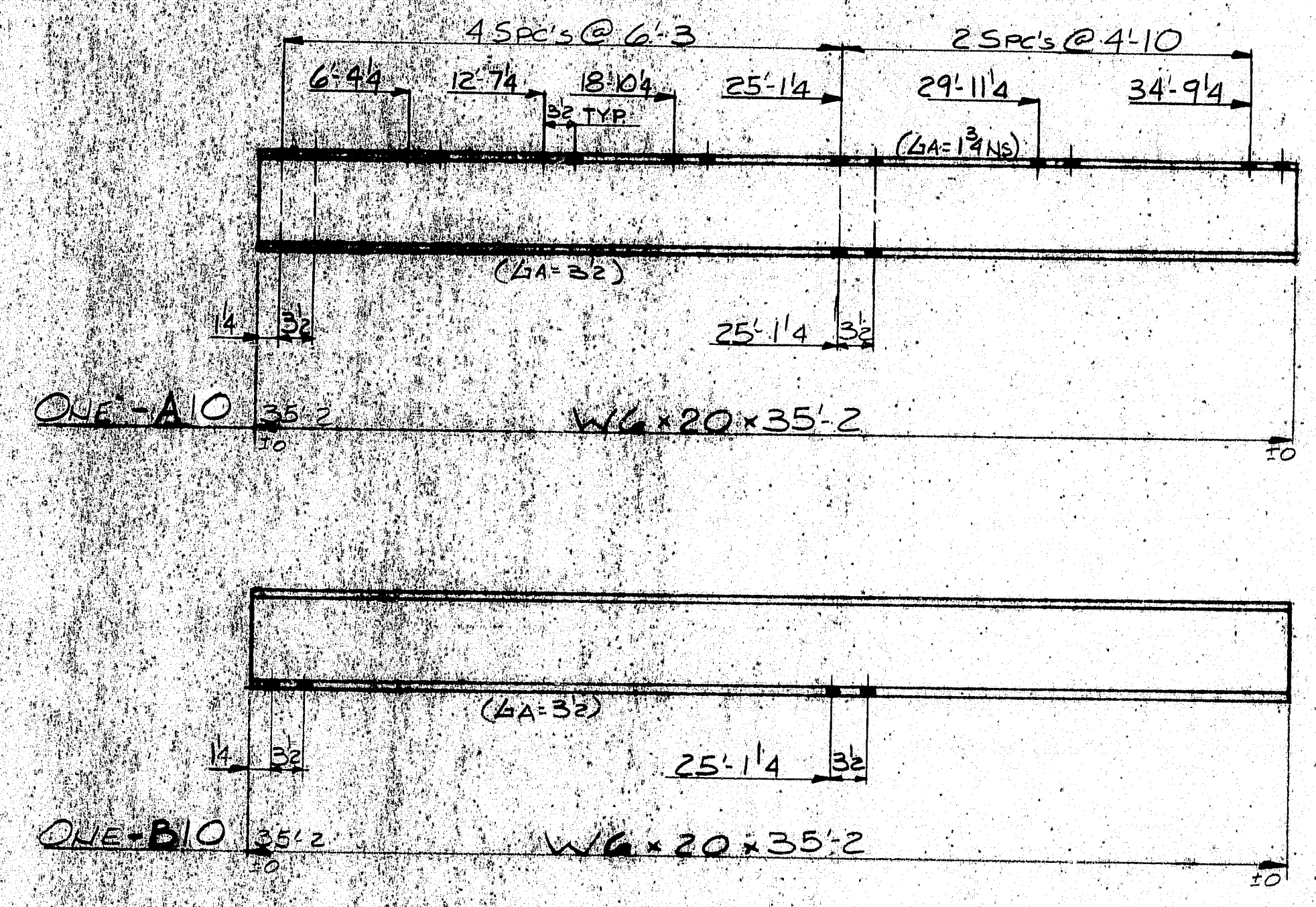
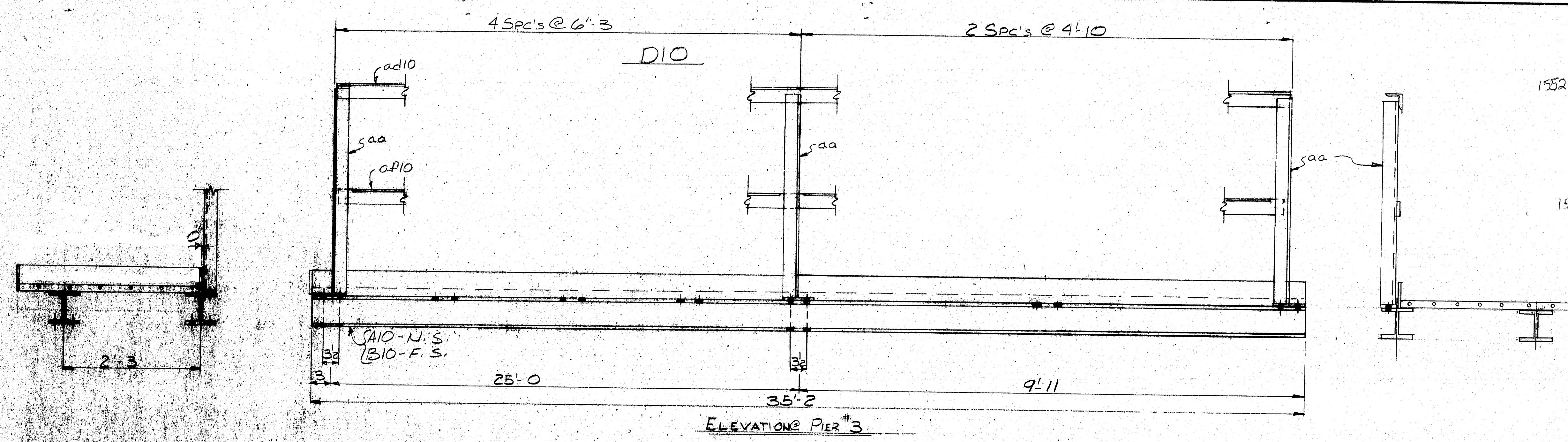
MATERIAL SCHEDULE										
SHIPPING MARK	NO. POS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM		REMARKS	WT.
				FT.	IN.		NO.	FT. IN.		
A7 ONE			W6 x 20	30	2	138 1/2	1	40 0		603
B7 ONE			W6 x 20	30	2	138 1/2	1	40 0		603
D7 ONE			RAIL ASSY	29	8				(405)	
4A7 10			(6716) 1 x 4 x 3/4" C.G. ELECTROFORCED S/C 20 x 1 1/2 4 SELF TAPPING SADDLE CLIPS	3	0	90 0			W/KEK # 2 SIDES (15)	630
SHOP B2				0	1	2 1/2			GALV.	
SHOP B2				-	-	90 0			GALV-TYPE C	
6 aa			3 x 3 x 1/4	3	6	100 0			103	
ONE ab7			"do"	29	7 1/2	138 1/2	1	40 0		145
ONE ac7			3 x 3 x 1/4	29	7 1/2	138 1/2	1	40 0		145
6 pa			2 x 3	0	6	100			18	
SHOP 14			1/2" BOLTS	0	1 3/4	138 1/2			} TYPE I A325 - GALV.	
SHOP 20			1/2" WASHER	-	-	138 1/2				
A-GM-12F-01P										
TOTAL WEIGHT										2241
PRINT DISTRIBUTION			MATERIAL A36 - GALV					HOLES 3/16" L.I.N.		
FA 12-4-84			BOLTS 1/2" TYPE I A325 - GALV					ELECTRODE SEE PROCEDURES		
FA 1-24-85			SURFACE PREP					REF. DWG.		
SHOP 2-25			PRIMER							
SHOP 3-25-85			FINISH GALV							
			P.N. I-14-395-B(22)176							
MAINE-CASCADE IRON WORKS										
BAKER STREET, CLINTON, MAINE 04927 DEC 8 1984										
PHONE 207-426-2671										
DESCRIPTION CATWALK DETAILS @ PIER #2										
PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER										
LOCATION BANGOR/BREWER, ME										
DESIGNER MAINE DOT										
CUSTOMER MAINE DOT										
REV A	J.P.F.									
CHK'D	C.R.T.									
DRAWN	C.R.T.									
			JOB NO. 81-516-1			DWG. NO. 7		REV. A		

R90-325

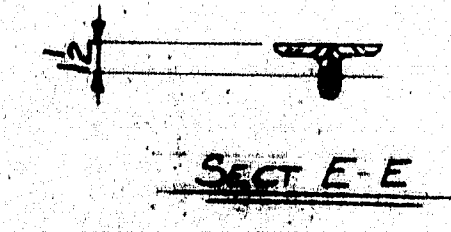




MATERIAL SHEET											
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM		REMARKS	WT.	
				FT.	IN.		NO.	FT.			IN.
A9	1		WG x 20	25	6	23135	1	00 0		510	
B9	1		WG x 20	25	6		1	00 0		510	
C9	1		RAIL ASSY	25	0				(392)		
GA9	6		(BRT) 1 x 4 x 3 1/2" O.G.T. ELECTROFORCED C/C B.B.S. 1/2"	3	0	10140			W/KICK # 2 SIDES (42)	378	
GB9	1		do	3	0				W/KICK # 3 SIDES	63	
GA9	2		(BRT) 1 x 4 x 2 1/2"	3	0				W/KICK # 2 SIDES (42)	84	
SHOP 70			SADDLE CLIPS	-	-				GALV - TYPC		
SHOP 70			4 SELF TAPPING	0	1	#24153			GALV.		
5 aa			3 x 3 x 1/4	3	6			crop from below		86	
1 ac				3	5			crop from below		17	
2 ad				3	2 1/2			crop from below		21	
1 ag9				24	11 1/2	#24150	1	40 0		122	
1 ag9			3 x 3 x 1/4	24	11 1/2		1	40 0		122	
8 pa			1/2" x 3	0	6	414				153	
SHOP 12			2" BOLTS	0	134	#24153			} TYPE I A325 - GALV.		
SHOP 3			1/2" BOLTS	0	234						
SHOP 30			2" WASHER	-	-						
A-GM - 1/2 F-01P								TOTAL WEIGHT		1938	
PRINT DISTRIBUTION				MATERIAL A36 - GALV.				HOLES 1/2" L.I.N.			
FA 12.4.84				BOLTS 1/2" TYPE I A325 - GALV				ELECTRODE SEE PROCEDURES			
FA 1-24.85				SURFACE PREP				REF. DWG.			
SHOP 1-24.85				PRIMER							
SLIP 3.28.85				FINISH GALV							
				R.N. I-14-395-B (82) 176							
MAINE-CASCADE IRON WORKS											
BAKER STREET, CLINTON, MAINE 04927											
PHONE 207-426-2671 DEC 3 1984											
DESCRIPTION CATWALK DETAILS @ RER #3											
PROJECT BRIDGE 1395 OVER FENOBSMOTT RIVER											
LOCATION BANGOR/BREWSTER, ME											
DESIGNER MAINE DOT											
CUSTOMER MAINE DOT											
REV Δ J.P.F.											
CHKD C.R.T.											
JOB NO. 81-516-1											
DWG. NO. 9											
REF. Δ											



TACK WELD AT EVERY THIRD BAR (TYPICAL)



SECTION D-D (TYP)

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB. ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A10	1		W6x20	35 2	23865	1 40 0		702 1/4
B10	1		W6x20	35 2		1 40 0		703 1/4
D10	1		RAIL ASSY	34 8			(473)	
4A1010			1x4x36" ELECTROFORCED C/A B.G. = 1 1/8"	3 0	9040		W/KICK #2 SIDES	630
4B10	1		do	3 0			W/KICK #3 SIDES	63
4C10	1		(BRTD) 1x4x29 1/2"	3 0			W/KICK #2 SIDES	
SHOP 96			SADDLE CLIP	-			GALV - TV REC.	
SHOP 96			4# SELF TAPPING	0 1	20463		GALV.	
7 aa			4x3x1/4	3 6	20463	1 70 0	1 70 0	120
1 ad10				34 7 1/2		1 40 0		170
1 ap10			3x3x1/4	34 7 1/2		1 40 0		170
7 pa			#3x3	0 6	40			13
SHOP 16			2" BOLTS	0 134	20463		TYPE I	
SHOP 32			2" WASHERS	-			A325 - GALV.	
A-GM-12 F-DIP								
TOTAL WEIGHT								2572

PRINT DISTRIBUTION

FA 12-2-B4

FA 1-24-85

SHOP 2-27

FIELD 3-28-85

MATERIAL A36 - GALV

BOLTS 2" TYPE I A325 - GALV

SURFACE PREP

PRIMER

FINISH GALV

FIN. #I-14-395-B(82)176

MAINE-CASCADE IRON WORKS

BAKER STREET, CLINTON, MAINE 04927

PHONE 207-426-2671

DEC 3 1984

DESCRIPTION CATWALK DETAILS @ PIER #3

PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER

LOCATION BANGOR/BREWER, ME

DESIGNER MAINE DOT

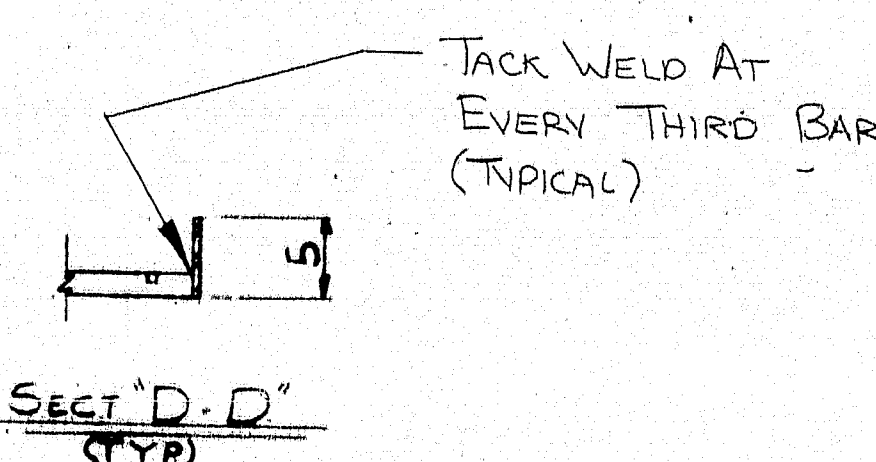
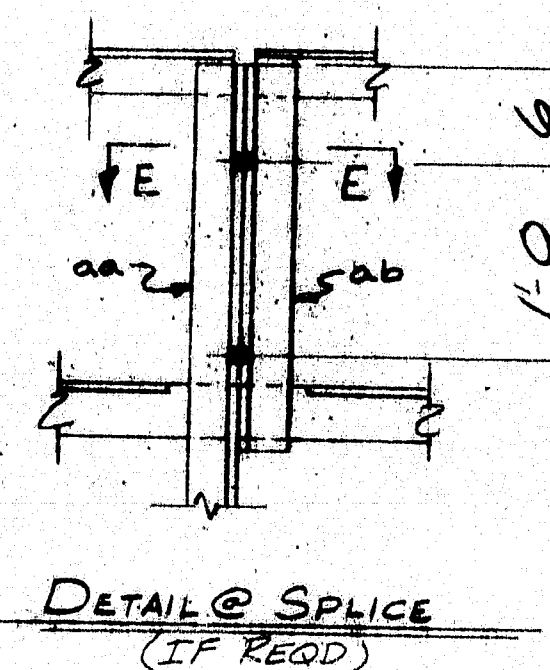
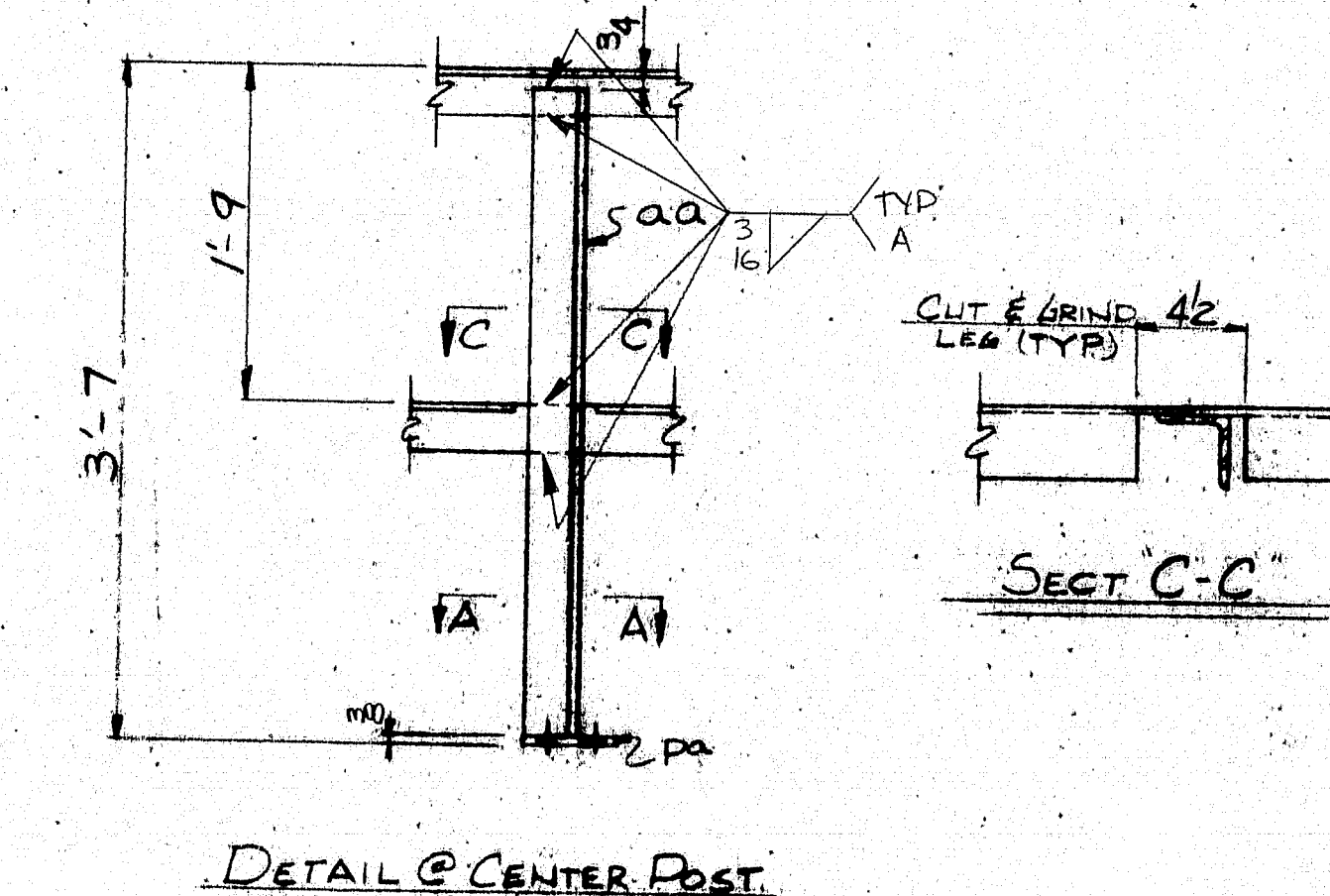
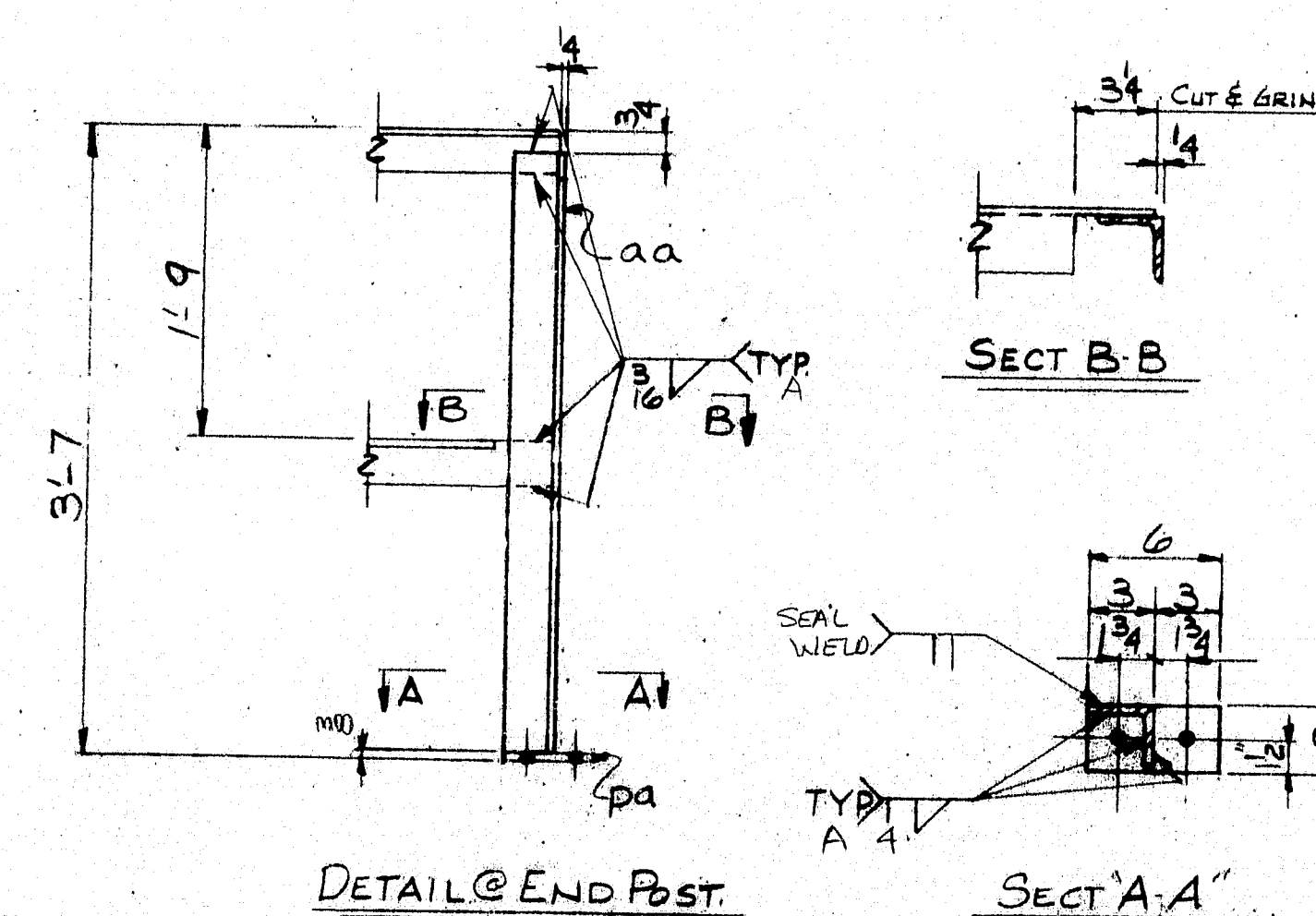
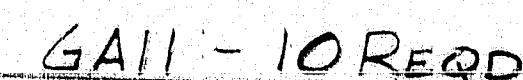
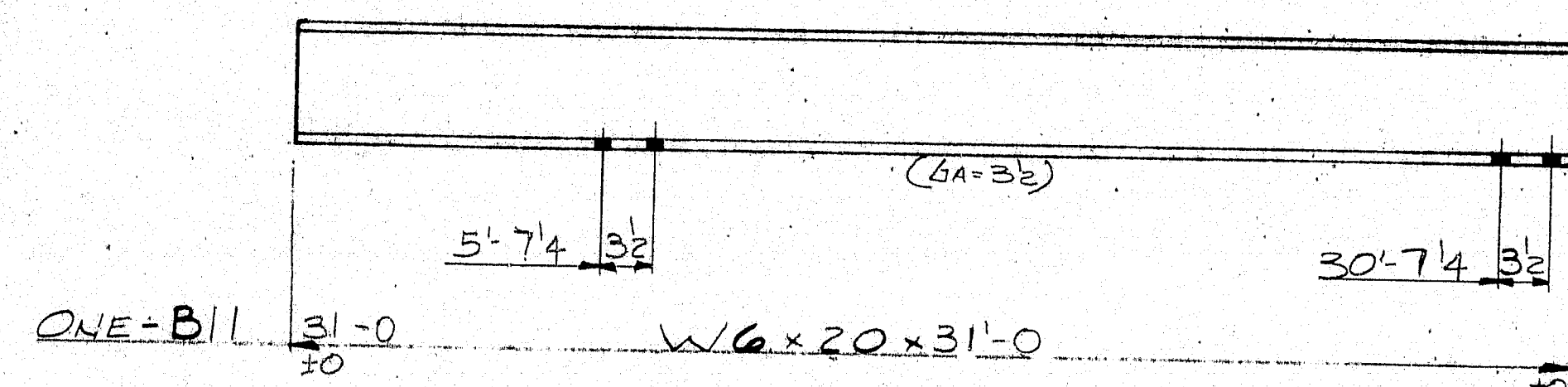
CUSTOMER CHANDRO CORP

JOB NO. 84-546-1

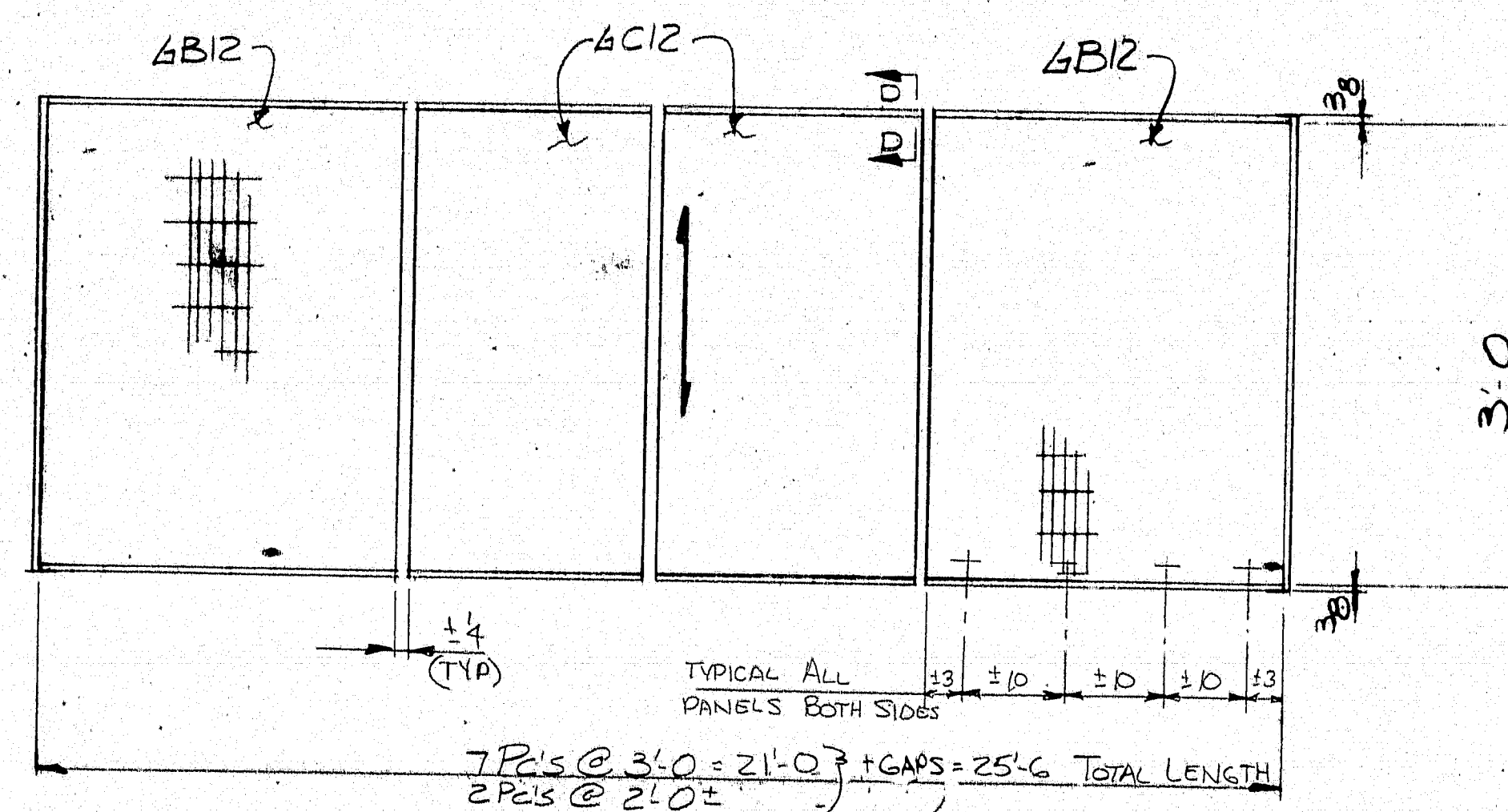
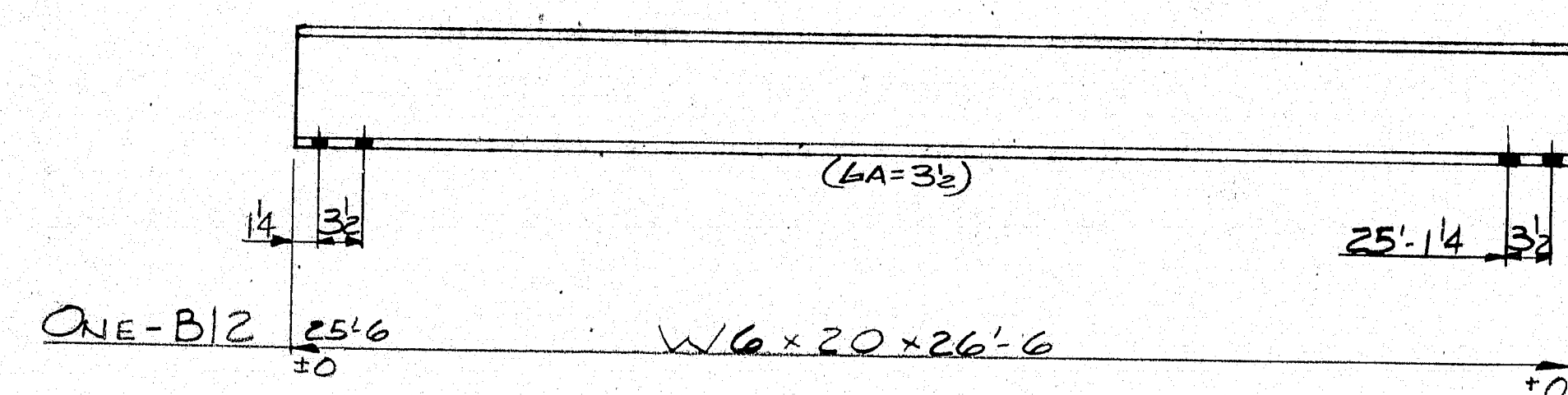
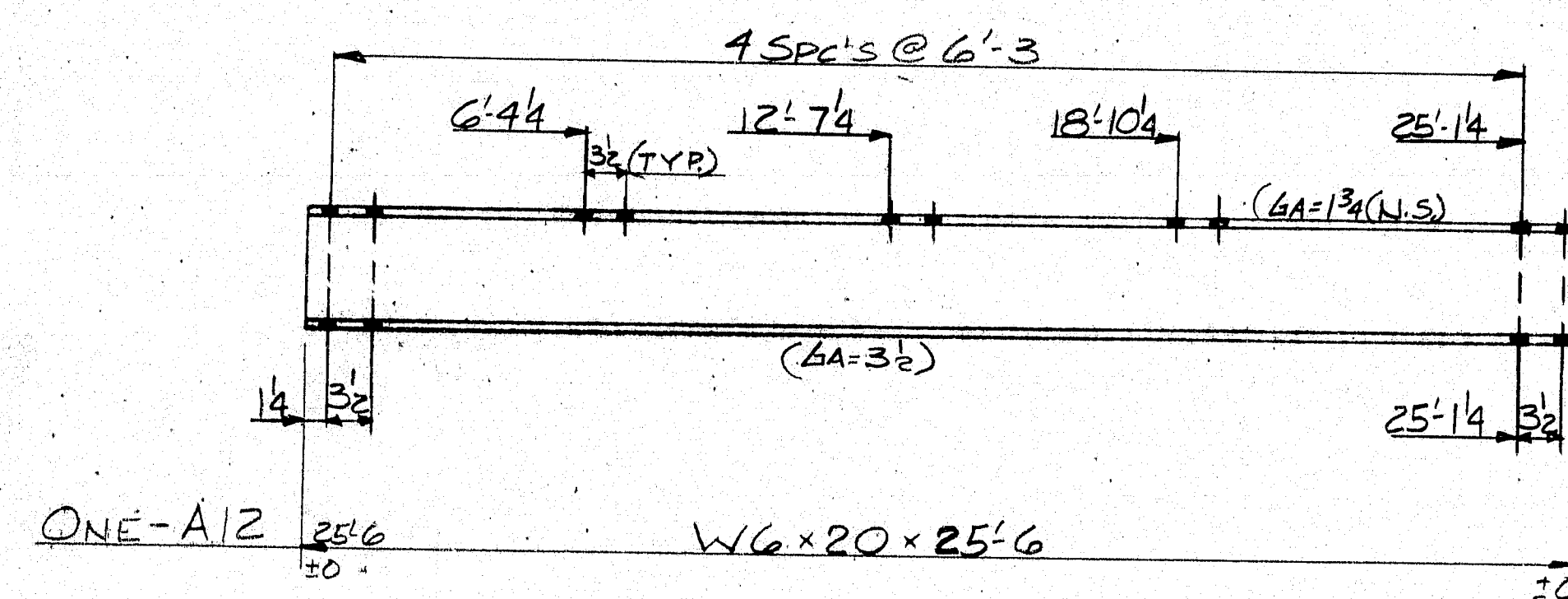
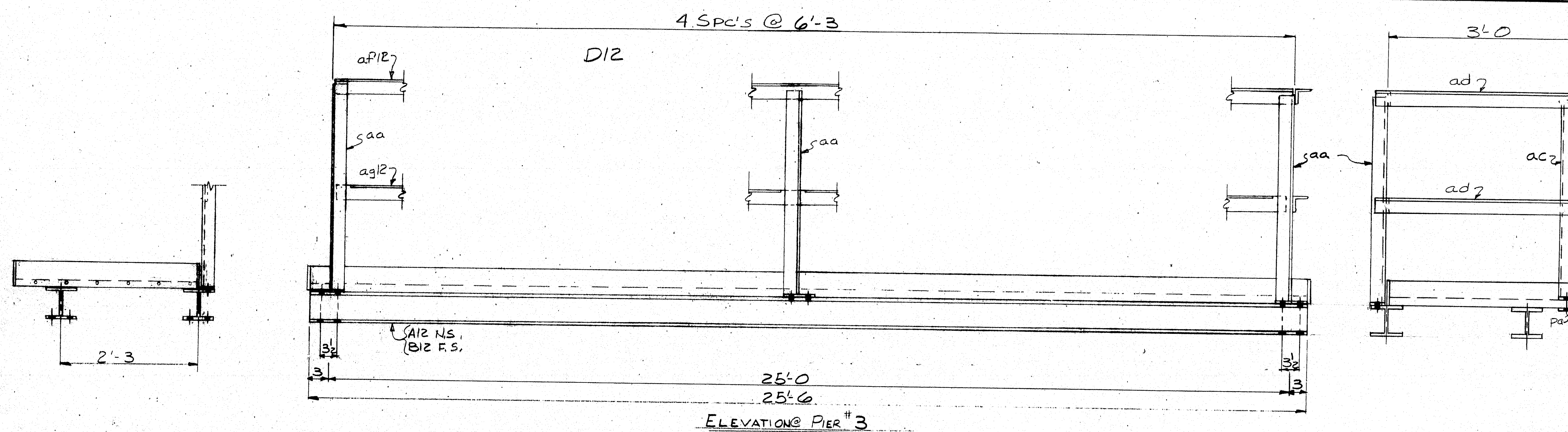
DWG. NO. 10

REV. A

R90-328

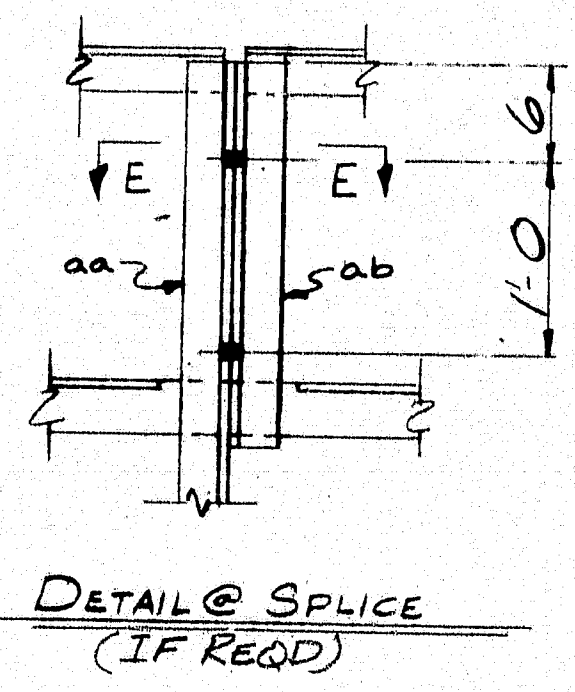
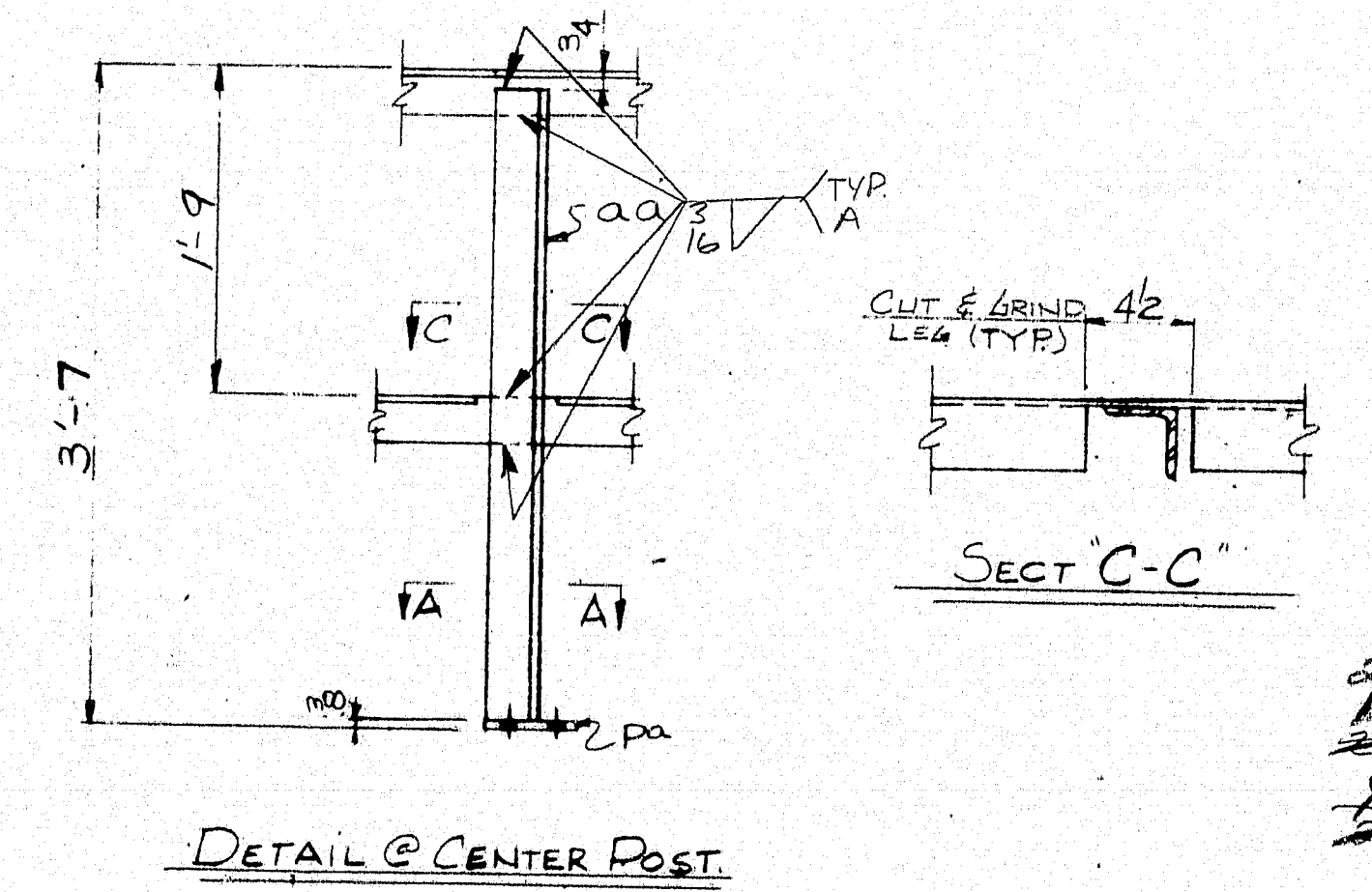
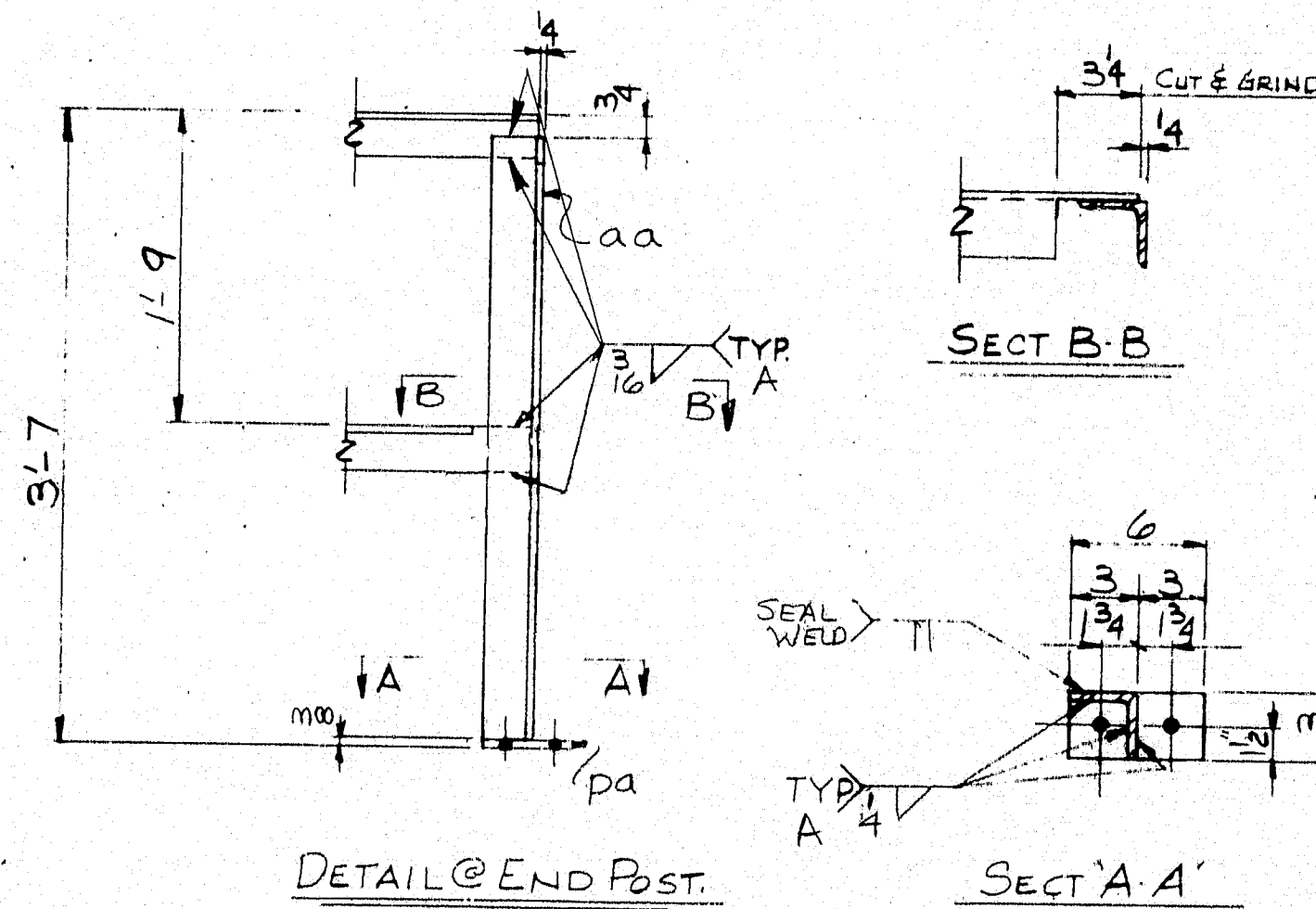


MATERIAL SCHEDULE												
SHIPPING MARK	NO. PCS.	SUB. ASSEM.	SHAPE	LENGTH		O R S	CUT FROM			REMARKS	WT.	
				FT.	IN.		NO.	FT.	IN.			
A11	1		WG x 20	31	0	2385	1	40	0		620	
B11	1		WG x 20	31	0	✓	1	40	0		620	
D11	1		RAIL ASSY	30	6					(412)		
G11	10		(ARTS) x 4 x 3/4" SIG. ELECTROFORGED C/G. B.B. = 18	3	0	90140				W/CLIP R 2 S. O. B. (17)	630	
SHOP 82			40 SELF TAPPING	0	1	24153				GALV		
SHOP 82			SADDLE CLIPS	-	-	90140				GALV - TYPE C		
G aa			3 x 3 x 4	3	6	24150	1	20	0	cupress from below	103	
I ad11				30	52		1	40	0		149	
I ad11			3 x 3 x 4	30	52	✓	1	40	0		149	
G pa			3 x 3	0	6	911					12	
SHOP 14			2" BOLTS	0	134	24153				} TYPE I 1325 - GALV.		
SHOP 28			2" WASHER	-	-	✓						
A-GM-12F-OIP												
											TOTAL WEIGHT	2283
PRINT DISTRIBUTION				MATERIAL 136 - GALV				HOLES 3/8" U.N.				
FA 12-4-84				BOLTS 2" TYPE I 1325 - GALV				ELECTRODE SEE PROCEDURES				
FA 1-24-85				SURFACE PREP				REF. DWG.				
SHOP 2-20				PRIMER								
FIELD 3-28-85				FINISH GALV								
				R.N. I-14-395-B(82)176								
MAINE-CASCADE IRON WORKS												
BAKER STREET, CLINTON, MAINE 04927 PHONE 207-426-2671 DEC 3 1984												
DESCRIPTION CATWALK DETAILS @ PIER #3												
PROJECT BRIDGE 1595 OVER BANGSCOTT RIVER												
LOCATION BANGOR/BREWER, ME												
DESIGNER MAINE DOT												
CUSTOMER CANTREO CORP												
JOB NO. 84-546-1 DWG. NO. 11												
REV. CHK'D JPE DRWN C.R.T.												



4A12 - 5 REQD 4B12 - 2 REQD 4C12 - 2 REQD

SECT D-D



TACK WELD AT EVERY THIRD BAR (TYPICAL)

SECT E-E

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH	Q OR S	CUT FROM	REMARKS	WT.
A12	1		W6x20	25'6"	2378	1'60" 0		510
B12	1		W6x20	25'6"	2378	1'60" 0		510
D12	1		RAIL ASS'y	25'0"				(391)
4A12	5		(GRT) 1/4x4x3/4	3'0"	9040		W/KICK 2 SIDES	315
4B12	2		(GRT) 1/4x4x3/4	3'0"			W/KICK 3 SIDES	126
4C12	2		(GRT) 1/4x4x3/4	3'0"			W/KICK 2 SIDES	84
SHOP 70			SADDLE CLIPS				4x4 SELF TAPPING	
SHOP 70			4x4 SELF TAPPING	0	1	2145	GAU.	
5 aa			3x3x1/4	3'6"	2115	cut from below		86
1 ac				3'5"		cut from below		17
2 ad				3'2"		cut from below		31
1 ap12				24'11 1/2"		1'40" 0		122
1 ag12			3x3x1/4	24'11 1/2"		1'40" 0		122
7 pa			1/2x3	0'6"	511			13
SHOP 12			1/2" BOLTS	0	134	2145		
SHOP 3			1/2" BOLTS	0	24			
SHOP 30			1/2" WASHERS					
A-GM-12 F+DIP								
TOTAL WEIGHT								1936

PRINT DISTRIBUTION

PA 12-4-84

PA 1-24-85

SHOP 2-21

SHOP 3-28-85

MATERIAL A36 - GALV

BOLTS 1/2" TYPE I A325 - GALV

SURFACE PREP

PRIMER

FINISH GALV

PU *I-14-395-B(02)176

MAINE-CASCADE IRON WORKS

BAKER STREET, CLINTON, MAINE 04927

PHONE 207-426-2671

DESCRIPTION CATWALK DETAILS @ PIER #3

PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER

LOCATION BANGOR/BREWER, ME

DESIGNER MAINE DOT

CUSTOMER CHANDRO CORP

J.P.F.

CRT

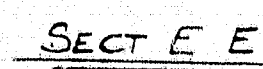
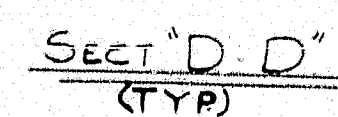
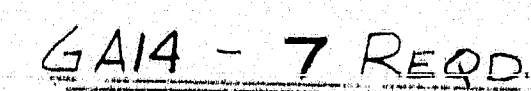
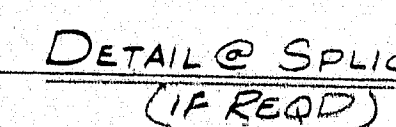
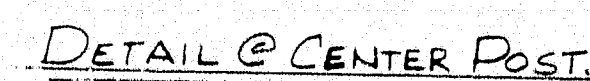
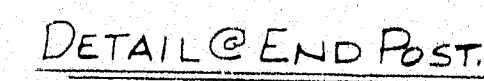
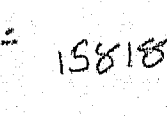
JOB NO. 81-546-1

DWG. NO. 12

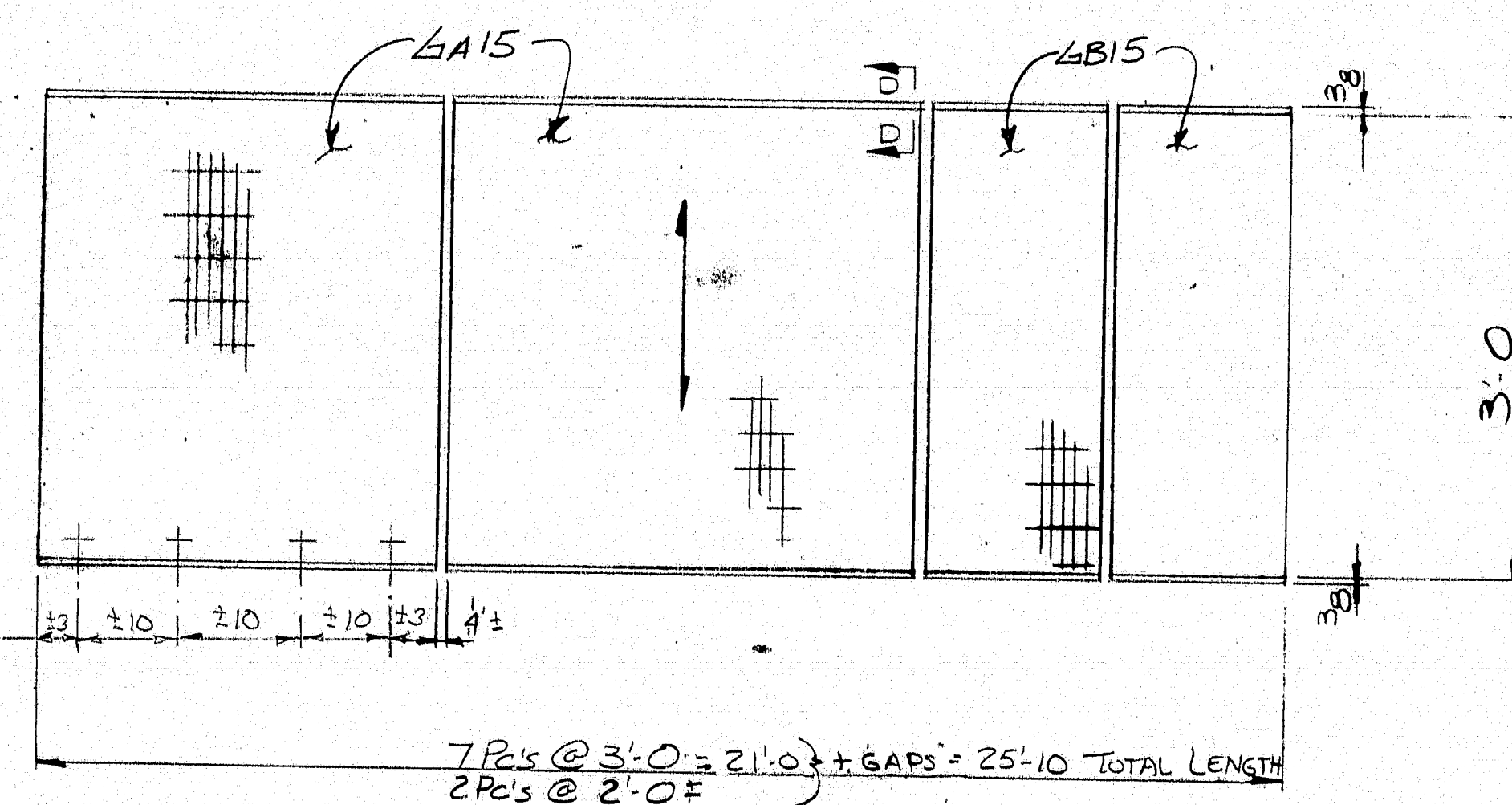
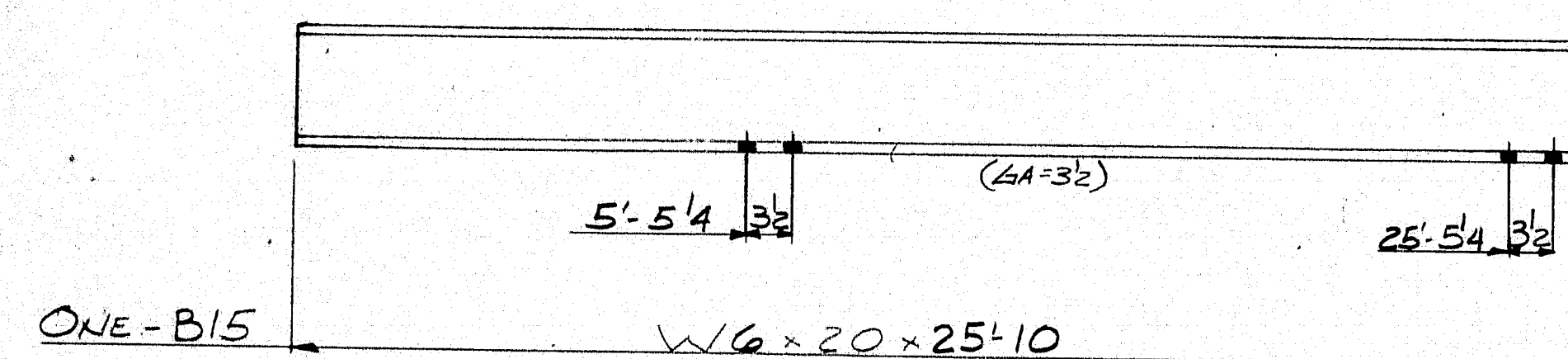
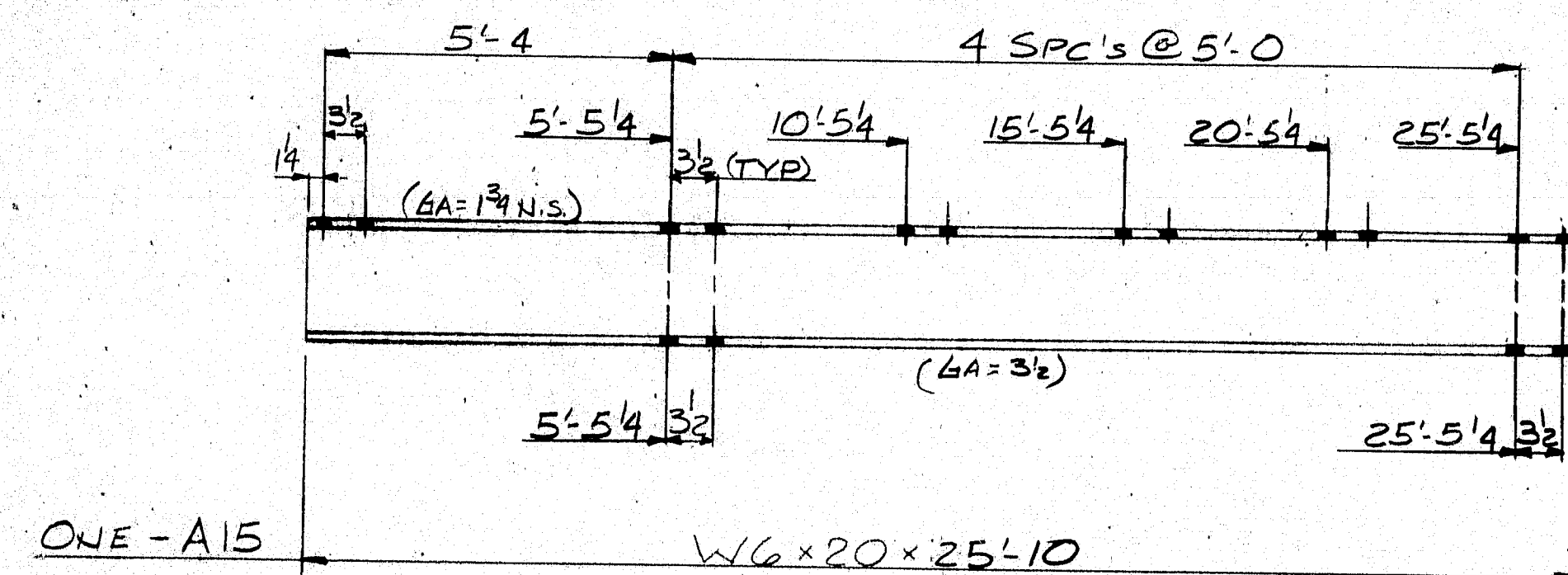
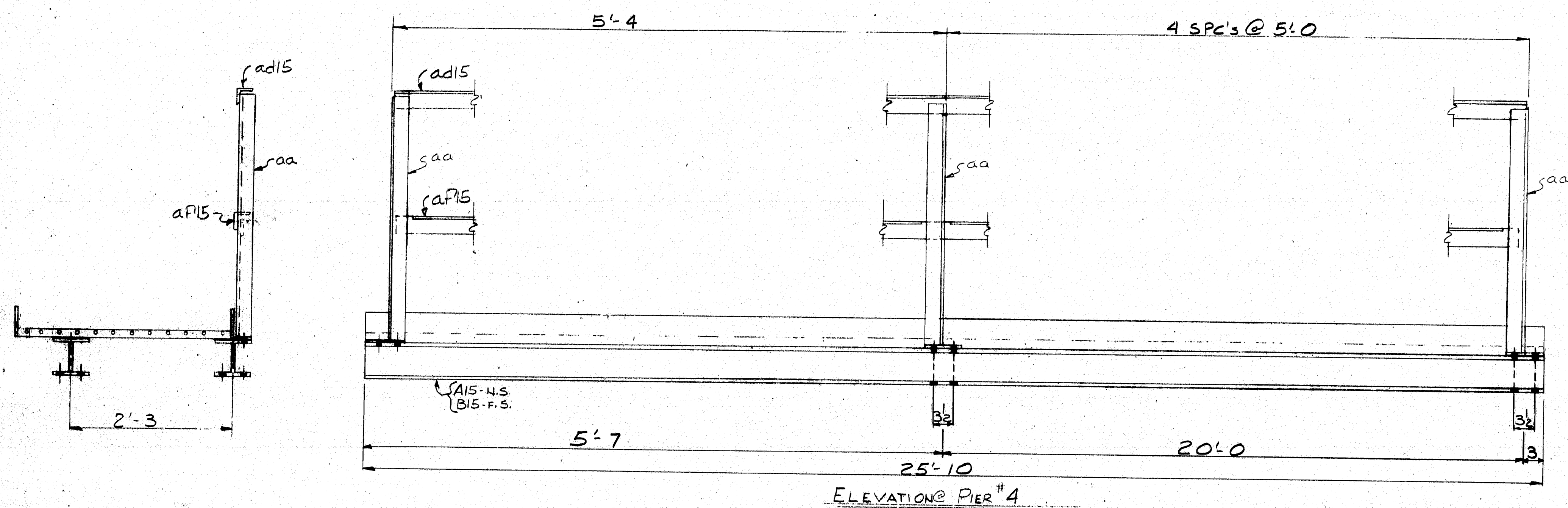
REV. A

R90-330

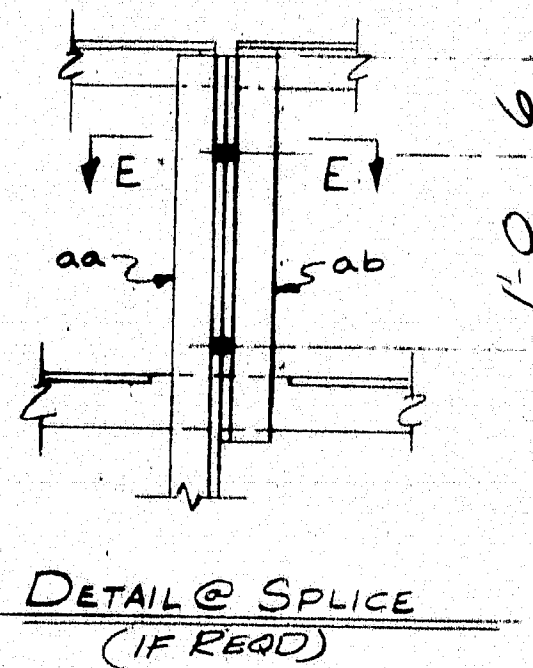
MATERIAL SCHEDULE										
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM		REMARKS	WT.
				FT.	IN.		NO.	FT.		
A3	1		W6 x 20	25	6	23825	1	60 0		510
B3	1		W6 x 20	25	6	↓ ↓ ↓ ↓				510
D13	1		RAIL ASSY	25	0				(391)	
GA36			(GRTA) 1 x 4 x 36" O.G. ELECTROFORGED S/C. B7-2-13 "do"	3	0	90140			W/KICK # 2 SIDES (43)	328
GB3	1		"do"	3	0				W/KICK # 3 SIDES (49)	48
LC3	2		(GRTA) 1 x 4 x 24"	3	0	↓			W/KICK # 2 SIDES (40)	84
SHOP 70			SADDLE CLIPS	-	-	↓			GALV - TYPE C	
SHOP 70			4 φ SELF TAPPING	0	1	WASH			GALV.	
5 aa			3 x 3 x 1/4	3	6	#24150				86
1 ac				3	5				} (exp from below)	17
2 ad				3	2 1/2					31
1 ap3			↓	24	1 1/2		1	40 0		122
1 ag3			3 x 3 x 1/4	24	1 1/2	√	1	40 0		122
7 pa			# 3/8 x 3	0	6	W				13
SHOP 18			1" BOLTS	0	134	#24153			} TYPE I A325 - GALV.	
SHOP 3			1" BOLTS	0	234	√				
SHOP 42			1" WASHER	-	-	√				
A-GM-12F-OIP										
TOTAL WEIGHT										1936
PRINT DISTRIBUTION		MATERIAL A36 - GALV				HOLES 3/8" L.I.N.				
FA 12-4-84		BOLTS 1" TYPE I A325 - GALV				ELECTRODE SEE PROCEDURE				
FA 1-24-85		SURFACE PREP				REF. DWG. -				
Weld 2-27		PRIMER								
Weld 3-28-85		FINISH GALV								
		P.N. *I-14-395-B(82)176								
MAINE-CASCADE IRON WORKS										
BAKER STREET, CLINTON, MAINE 04927 DEC 3 1984										
PHONE 207-426-2671										
DESCRIPTION CATWALK DETAILS @ PIER #4										
PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER										
LOCATION BANGOR/BREWER, ME										
DESIGNER MAINE D.O.T.										
CUSTOMER CLANDRO CORP										
REV Δ	J.P.F.	JOB NO. 84-546-1				DWG. NO. 13		REV		Δ
CHK'D	C.R.T.									
DRWN										



R90-332

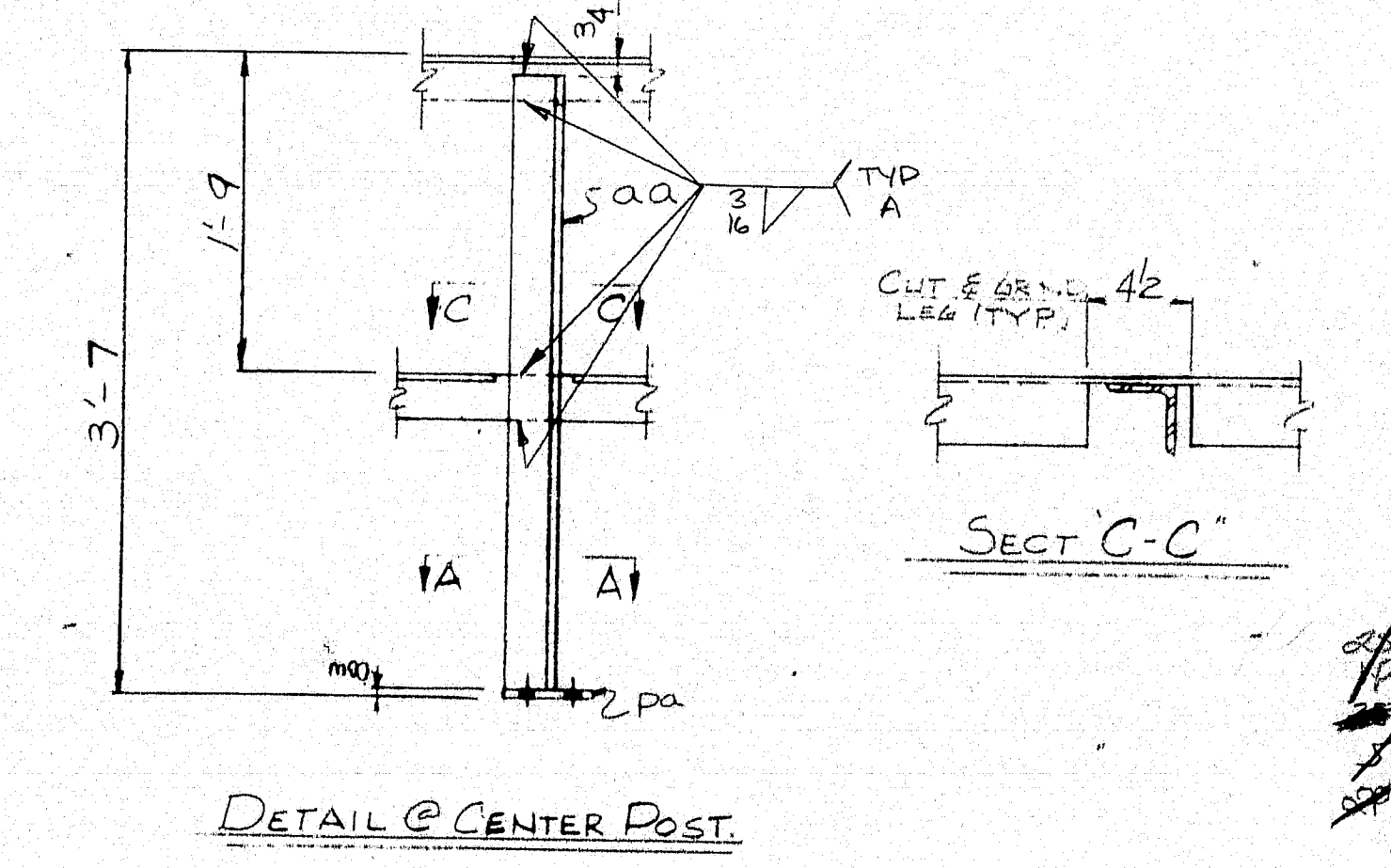
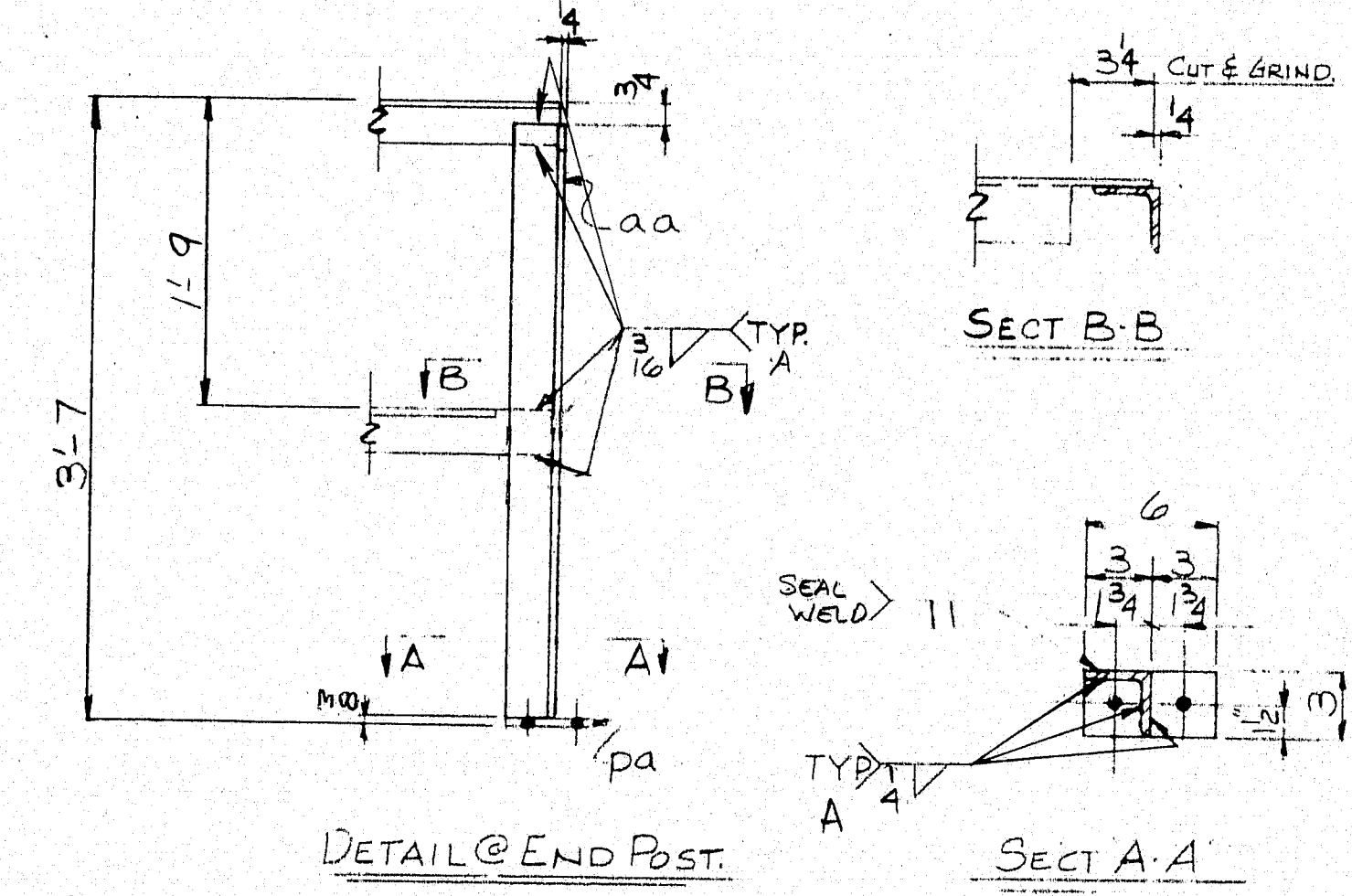


4A15 - 7 REQD. 4B15 - 2 REQD.



TACK WELD AT EVERY THIRD BAR (TYPICAL)

SECT D-D (TYP)

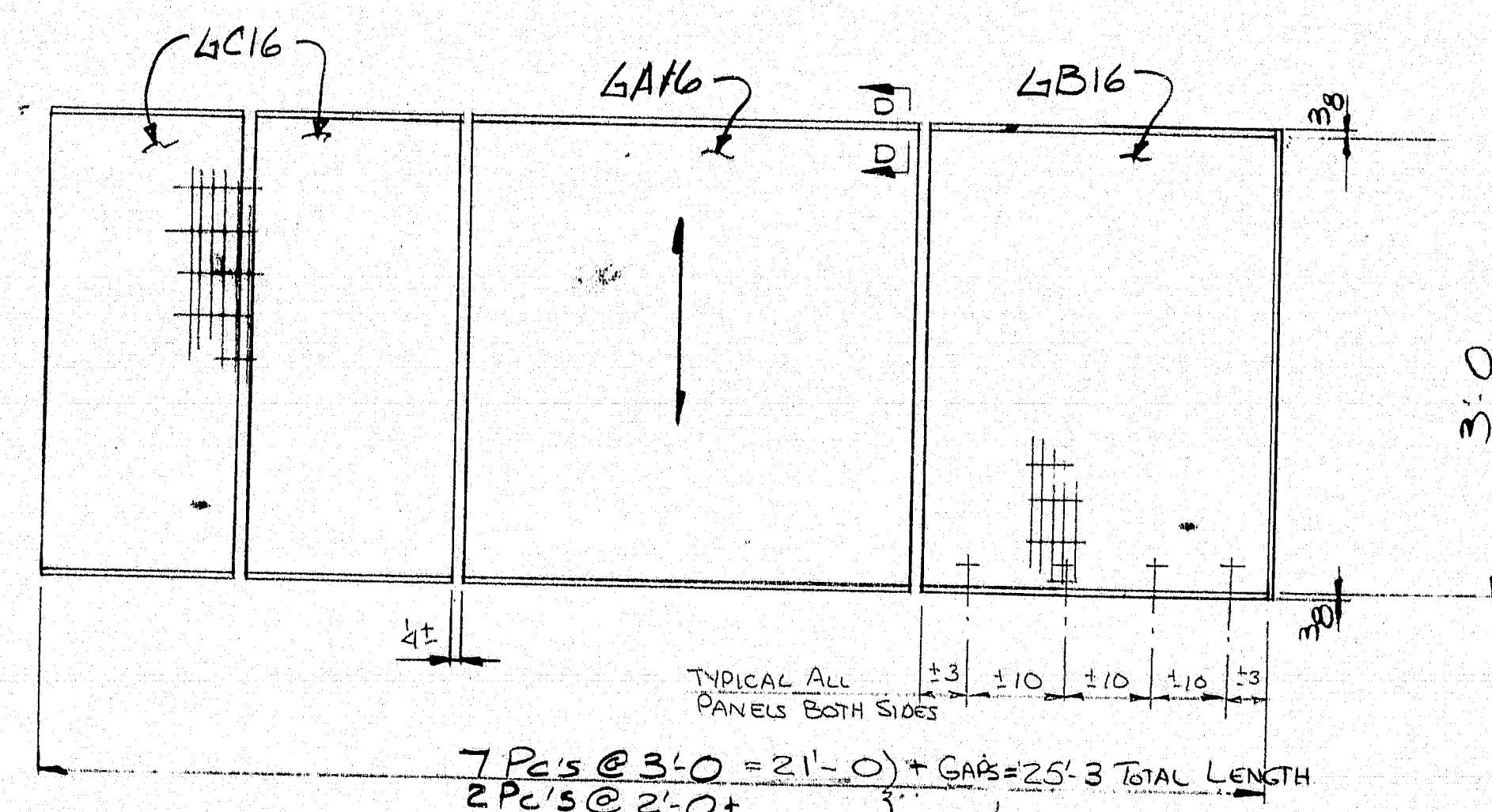
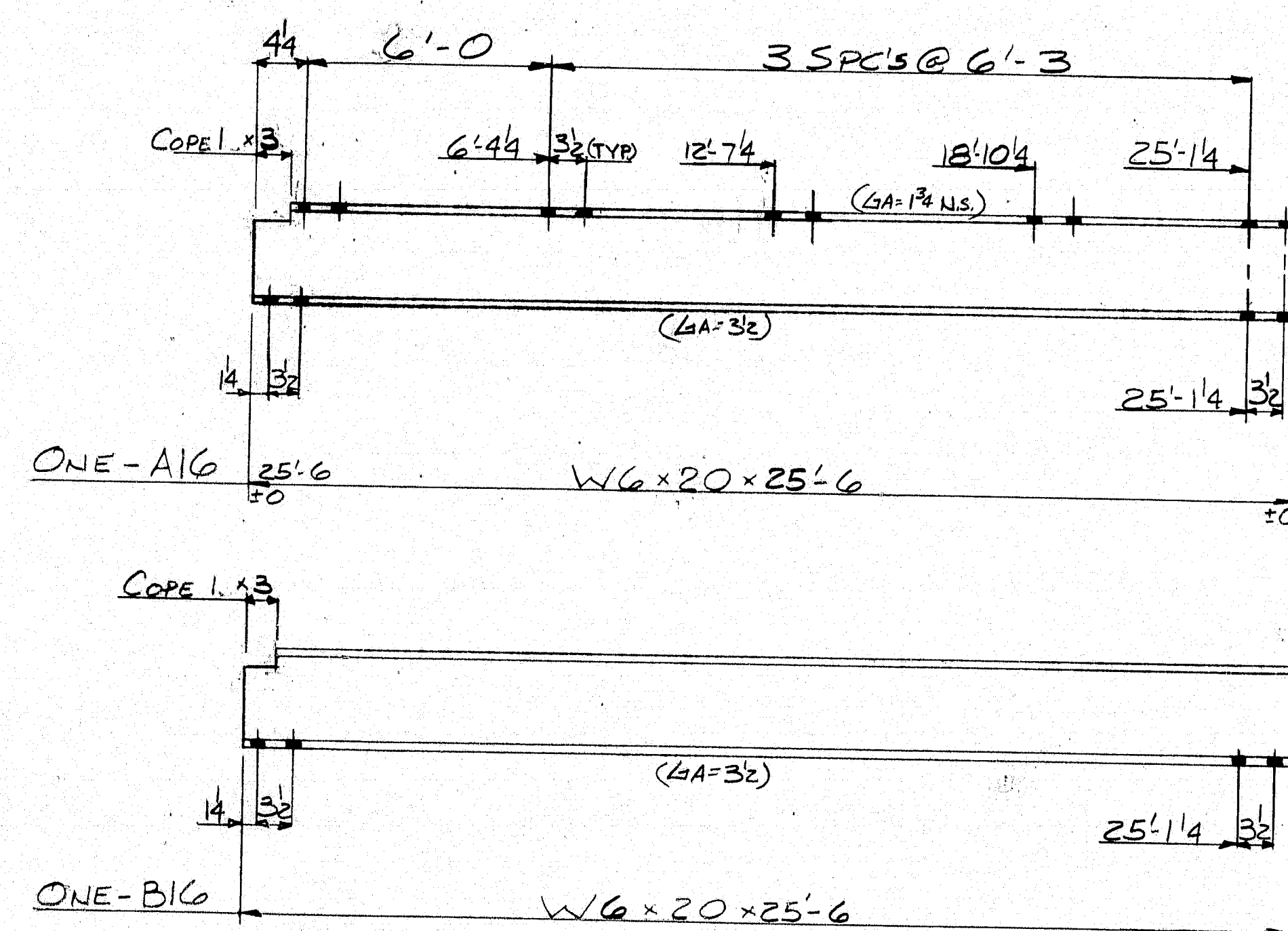
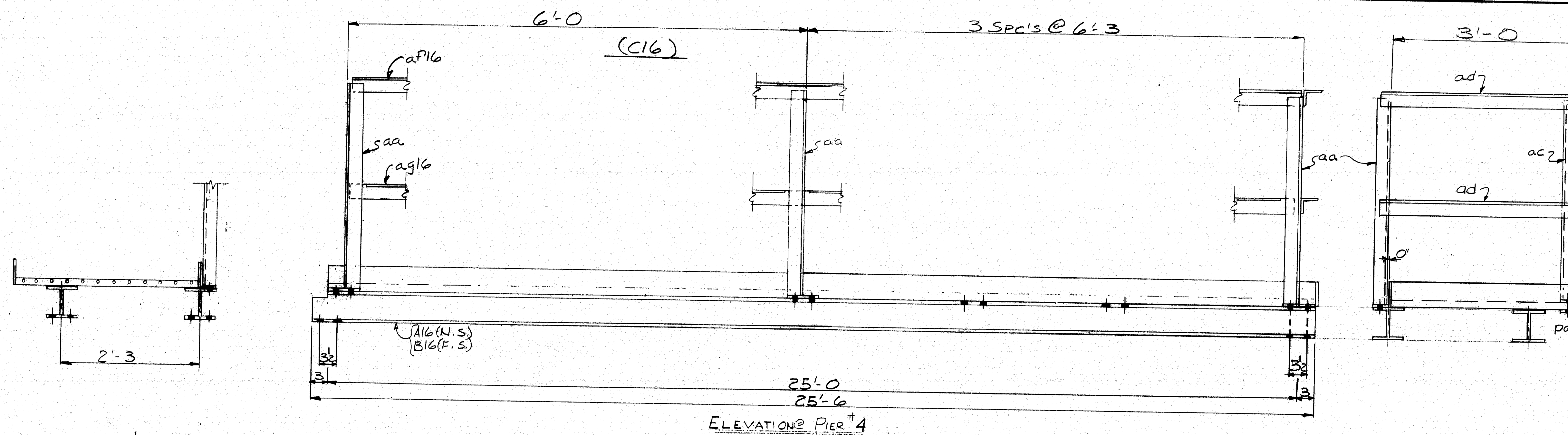


SECT E-E

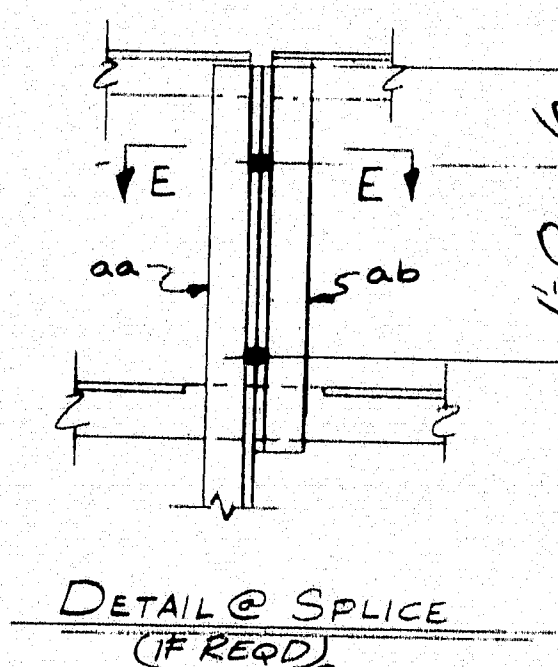
MATERIAL SCHEDULE

SHIPPING MARK	NO PCS.	SUB ASSEM.	SHAPE	LENGTH FT IN.	O OR S	CUT FROM NO FT. IN.	REMARKS	WT.
15525 A15	1		WG x 20	25 10	25525	1 1/2 0		517
	B15	1	WG x 20	25 10	↓	↓ ↓ ↓ ↓		517
15526 15518 C15	1		RAIL ASSY	25 4			(342)	
4A15	7		6RT6 1/4 x 3/8" O.G. 11 ELECTROFORCED 24 1/8 1/8	3 0	90W10		W/KICK P2 SIDES (42)	44
4B15	2		6RT6 1/4 x 3/8" 24 1/8 1/8	3 0	↓		W/KICK P2 SIDES (42)	84
SHOP 70			SADDLE CLIPS	-			GALV-TYPE C	
SHOP 70			4# SELF TAPPING	0 1	24153		GALV.	
6 aa			3 x 3 x 4	3 6	24150	1000	from below	103
1 ad15			3 x 3 x 4	25 32	↓	1 40 0		124
1 aaf15			"do"	25 32	↓	1 40 0		124
6 pa			3 x 3	0 6	40L			12
SHOP 14			2# BOLTS	0 1 3/4	24153		} TYPE I #325-GALV.	
SHOP 28			2# WASHERS	-		↓		
A - GM-12F-DIP								
TOTAL WEIGHT							2285	
PRINT DISTRIBUTION			MATERIAL A36 - GALV			HOLES 13/16" L.N.		
FA 12-4-84			BOLTS 2# TYPE I A325 - GALV			ELECTRODE SEE PROCEDURES		
FA 1-24-85			SURFACE PREP			REF. DWG.		
SHOP 2-27			PRIMER					
FIELD 3-28-85			FINISH GALV					
			P.U. #I-14-395-B(82)176					
			MAINE-CASCADE IRON WORKS					
			BAKER STREET, CLINTON, MAINE 04927					
			PHONE 207-426-2671					
			DESCRIPTION CATWALK DETAILS @ PIER #4					
			PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER					
			LOCATION BANGOR/BREWER, ME					
			DESIGNER MAINE DOT					
			CUSTOMER CIAMBRO CORP					
REV A			JOB NO. 84-546-1					
CHK'D J.P.F			DWG. NO. 15					
DRWN C.R.T			REV A					

R90-333

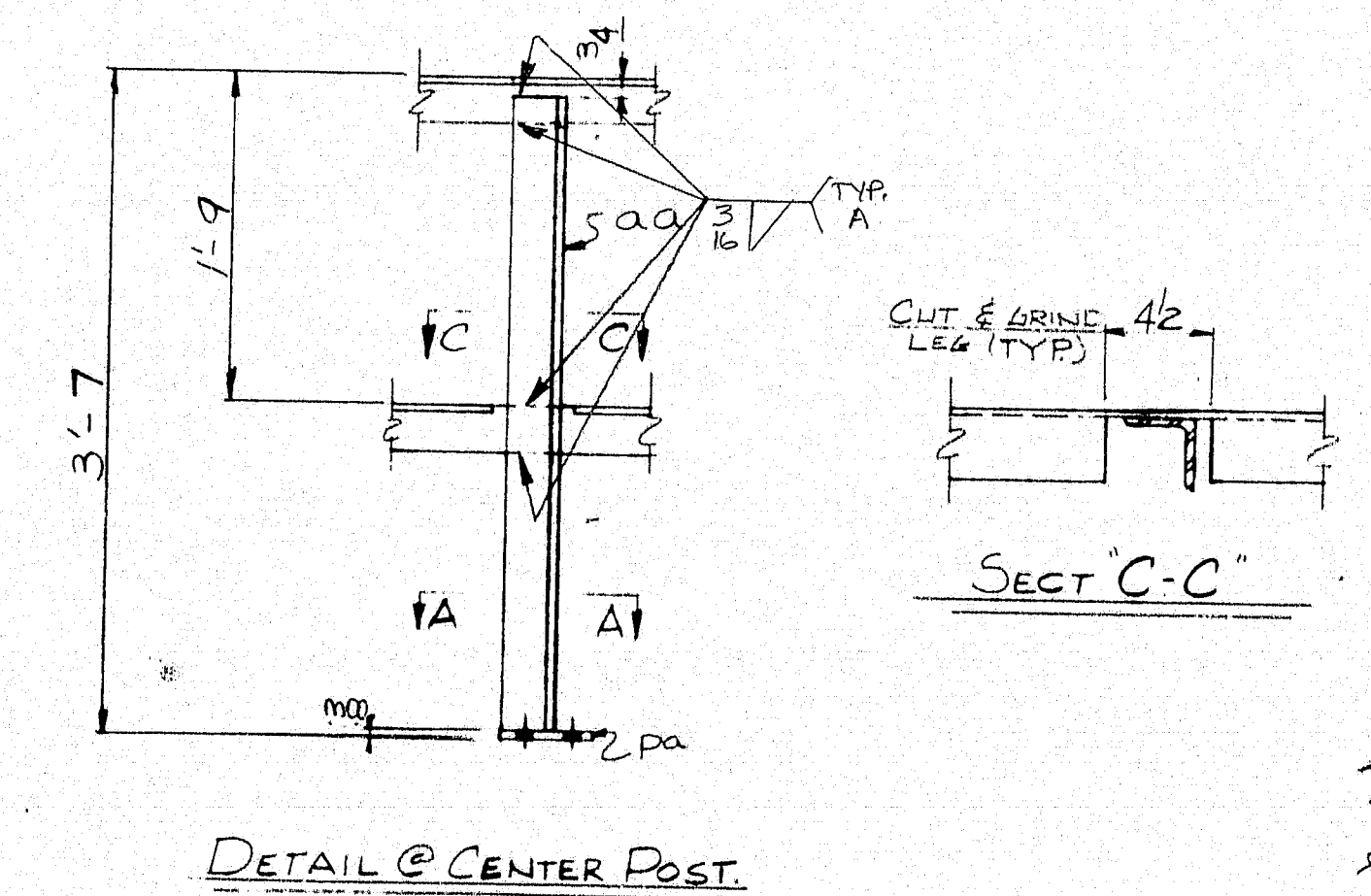
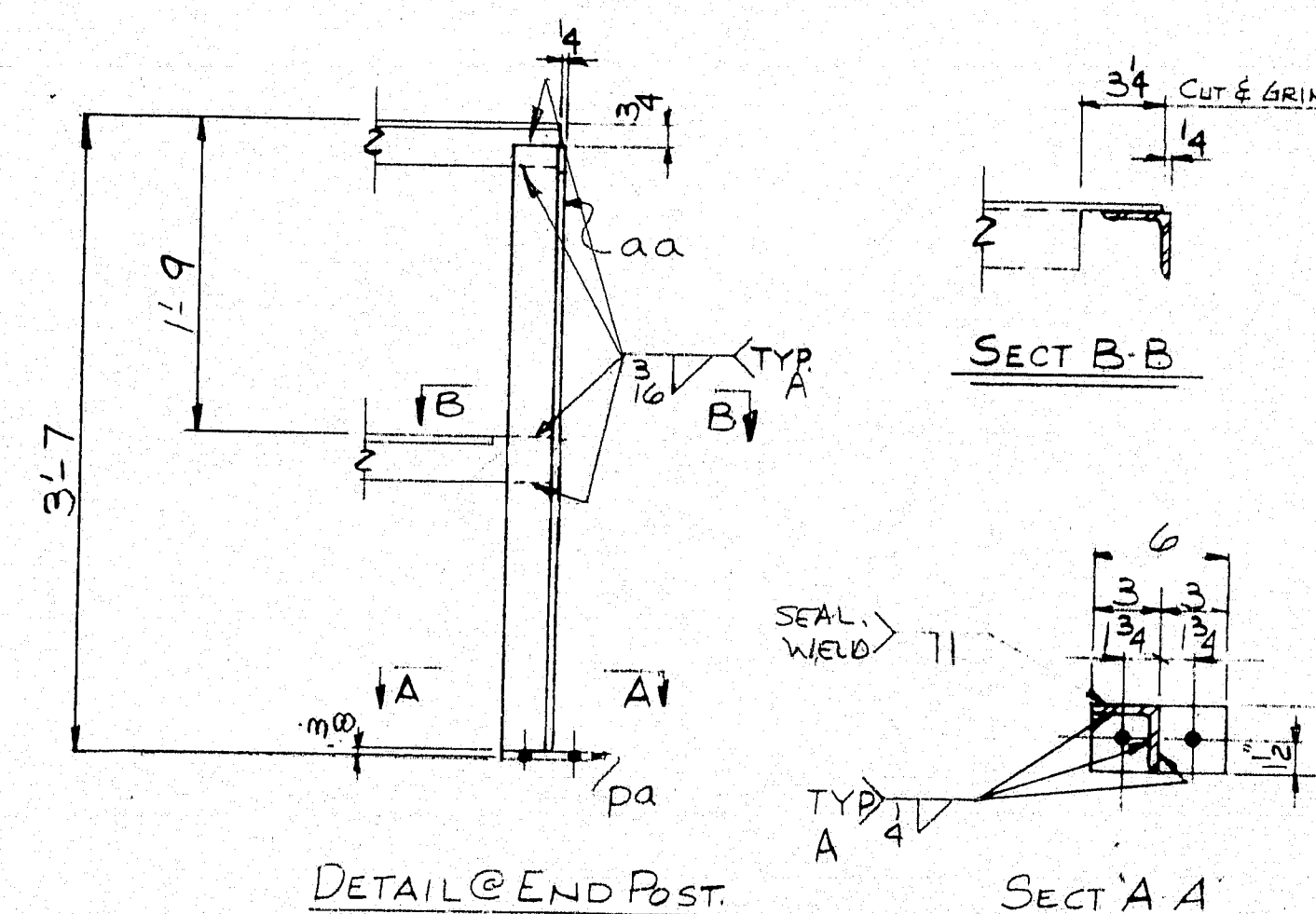


4A16-6 REQD. 4B16-6 REQD. 4C16-2 REQD



TACK WELD AT EVERY THIRD BAR (TYPICAL)

SECT 'D-D' (TYP)



SECT 'E-E'

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS	SUB ASSEM	SHAPE	LENGTH	Q OR S	CUT FROM	REMARKS	WT.
A16	1		W6x20	25' 6"	1/16"	1' 6" 0"		510.1/15
B16	1		W6x20	25' 6"	1/16"	1' 6" 0"		510.1/15
C16	1		RAIL ASSY	24' 9"			(389)	
4A16	6		4" x 4" x 3/4"	3' 0"	90140		W/KICK #2 SIDES	378
4B16	1		"do"	3' 0"			W/KICK #3 SIDES	163
4C16	2		4" x 4" x 3/4"	3' 0"			W/KICK #2 SIDES	84
SHOP 70			SADDLE CLIPS				4ALV-TYPE C	
SHOP 70			4" SELF TAPPING	0	1/8" 1/4"		GALV	
5 aa			3" x 3" x 1/4"	3' 6"	324150	CRIP FROM BELOW		86
1 ac				3' 5"				17
2 ad				3' 2"				31
1 a16				24' 8"		1' 40" 0"		121
1 a16				24' 8"		1' 40" 0"		121
7 pa			3" x 3" x 1/4"	0' 6"				13
SHOP 12			1/2" BOLTS	0' 13"	1/2" 1/4"			
SHOP 3			1/2" BOLTS	0' 24"				
SHOP 30			1/2" WASHERS					
A-GM-12F-DIP								
TOTAL WEIGHT								1934

PRINT DISTRIBUTION

FA 12-4-84
PA 1-24-85
SHOP 3-37
PA 31-88-85

MATERIAL A36 - GALV
BOLTS 1/2" TYPE I A325 - GALV
SURFACE PREP
PRIMER
FINISH GALV
PU #I-14-395-B (82) 176

HOLES 1/4" L.I.N.
ELECTRODE SEE PROCEDURES
REF. DWG.

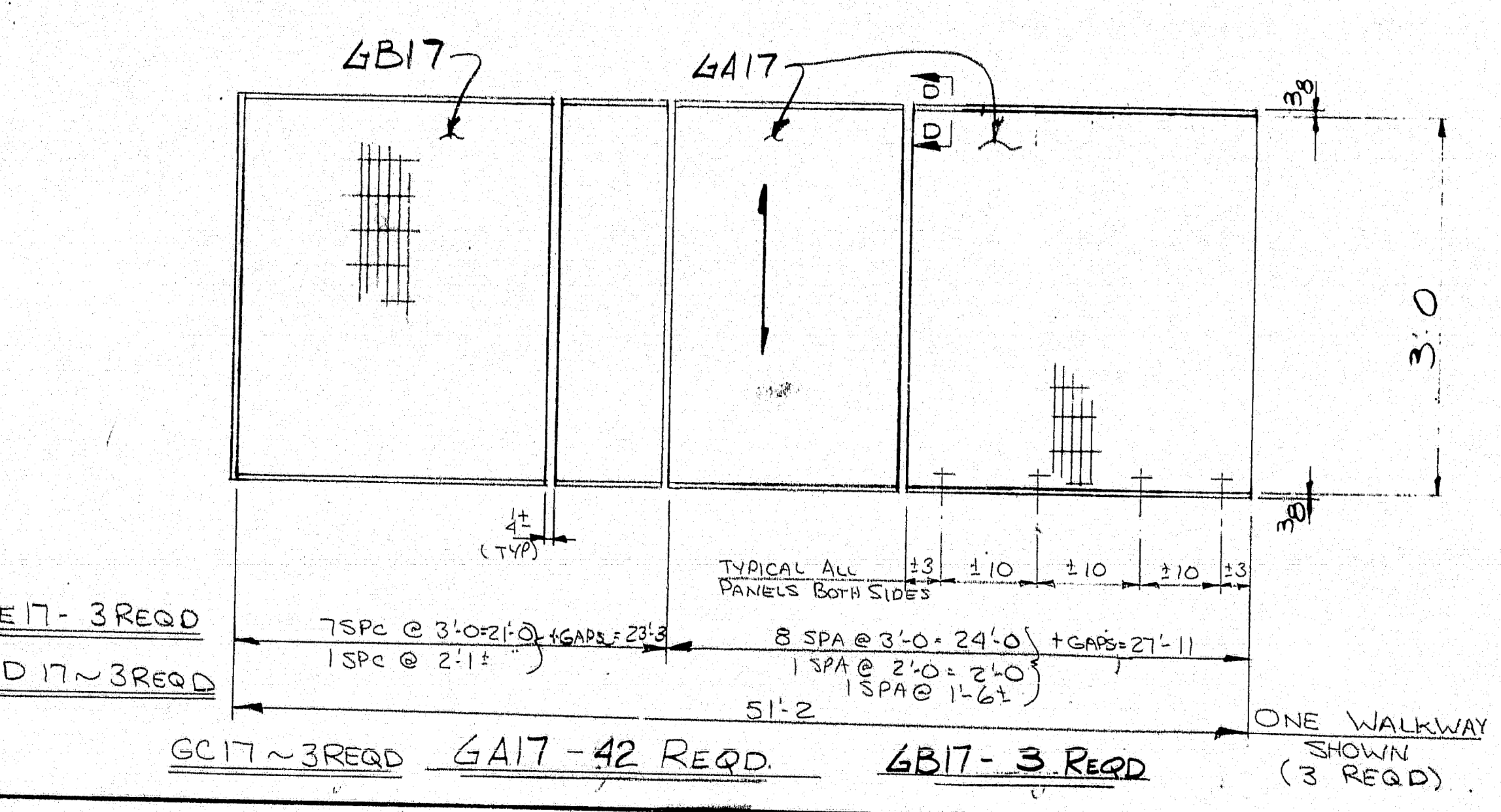
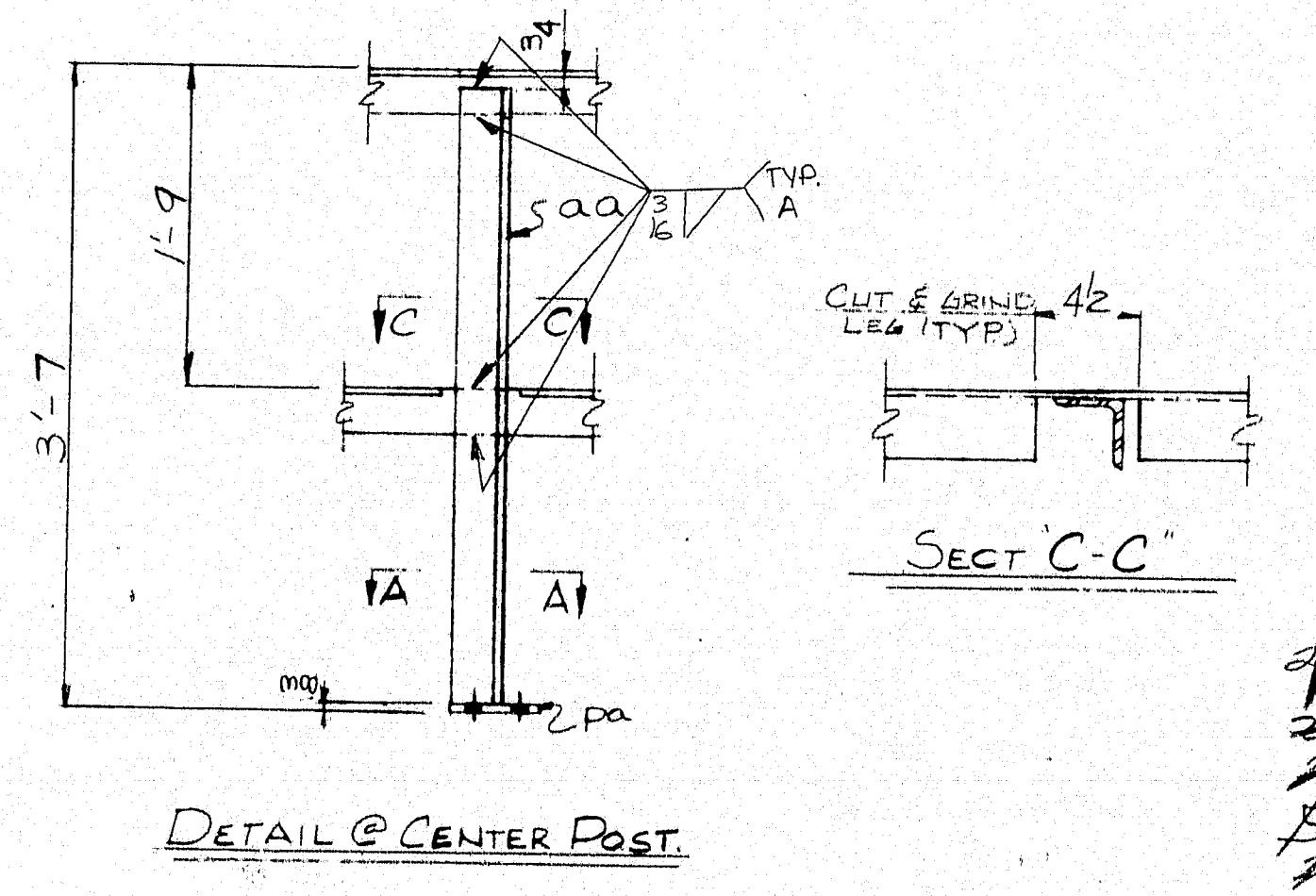
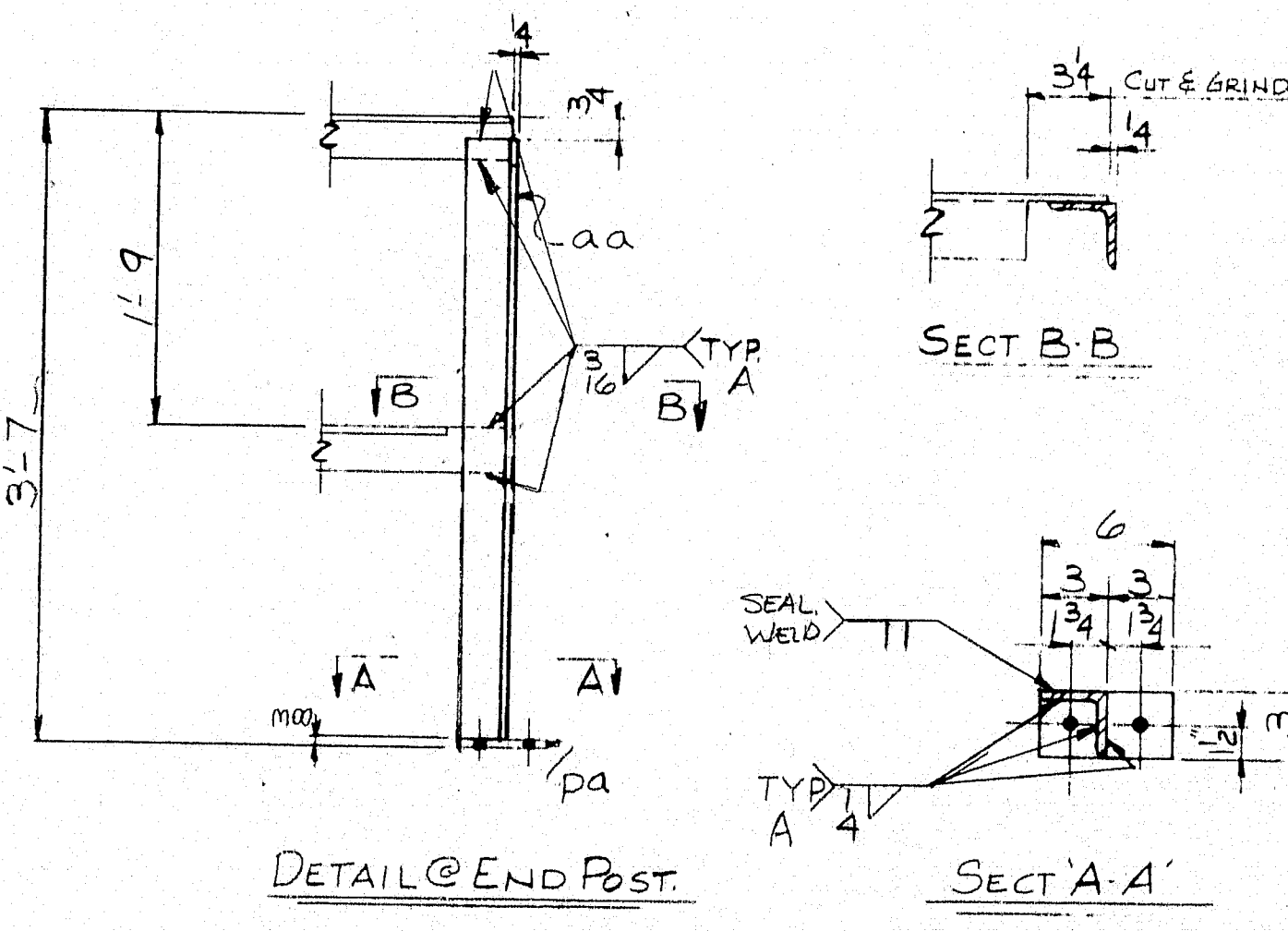
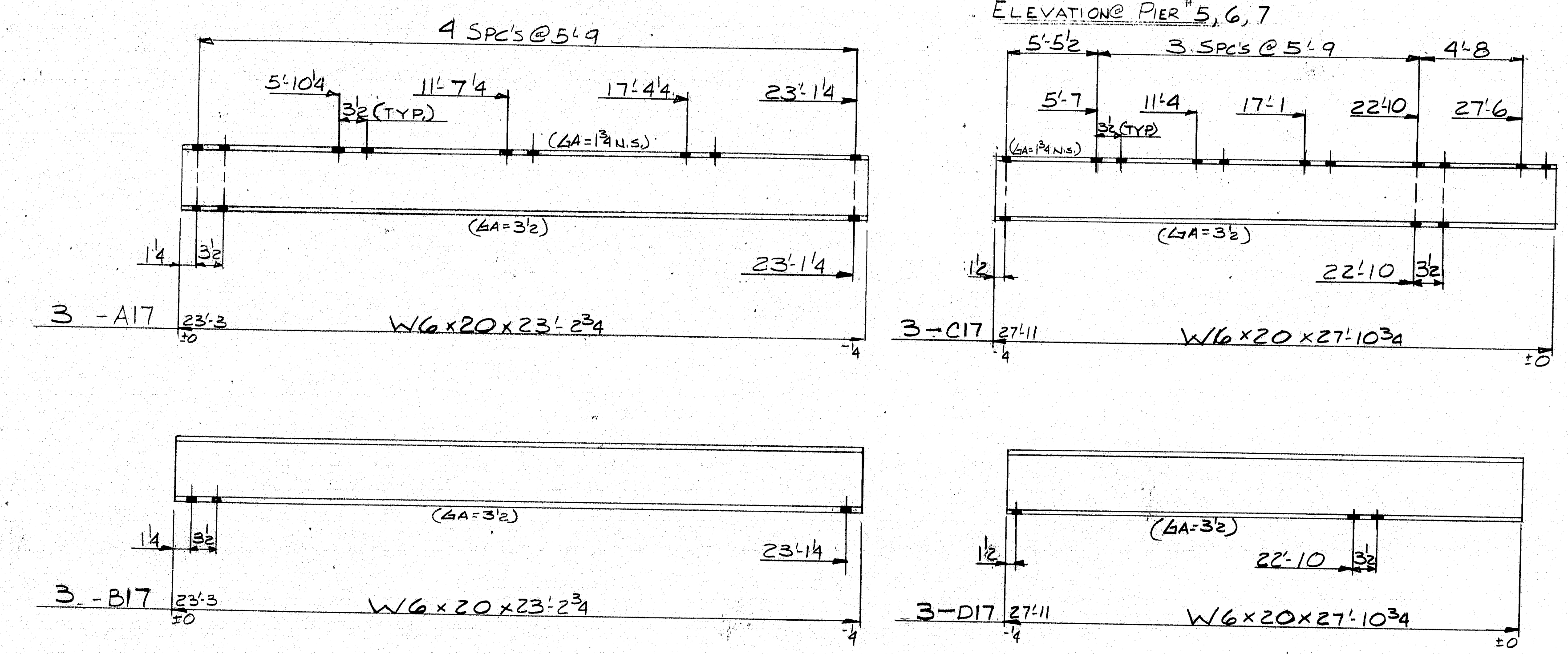
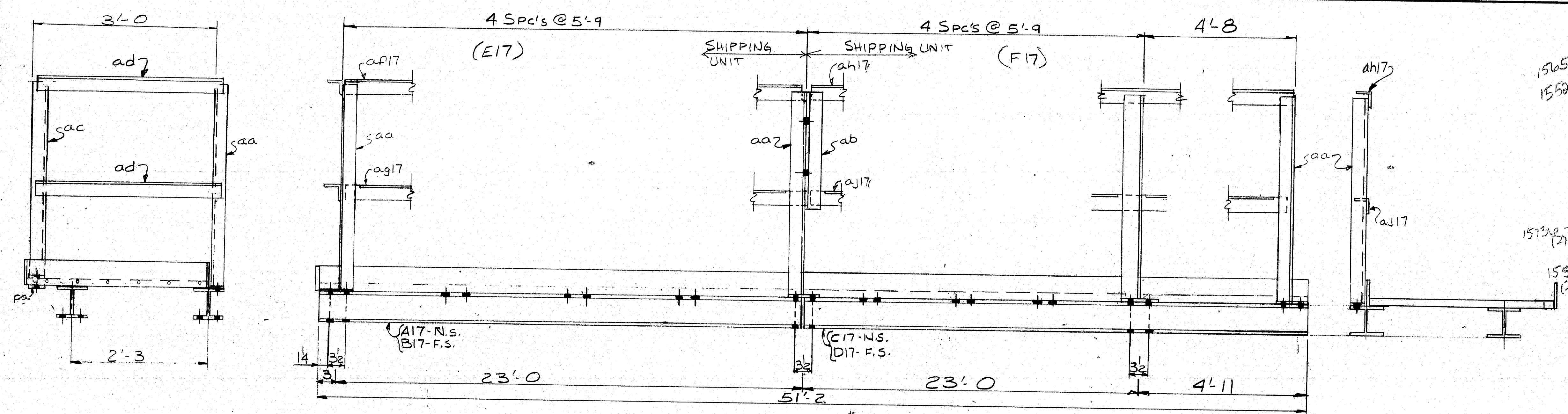
MAINE-CASCADE IRON WORKS
BAKER STREET, CLINTON, MAINE 04927
PHONE 207-426-2671 DEC 3 1984

DESCRIPTION CATWALK DETAILS @ PIER #4
PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER
LOCATION BANGOR/BREWER, ME
DESIGNER MAINE DOT
CUSTOMER CIAMBRO CORP

REV A
CHKD J.P.F.
DRWN C.R.T.

JOB NO. 84-546-1
DWG. NO. 16
REV. A

R90-334

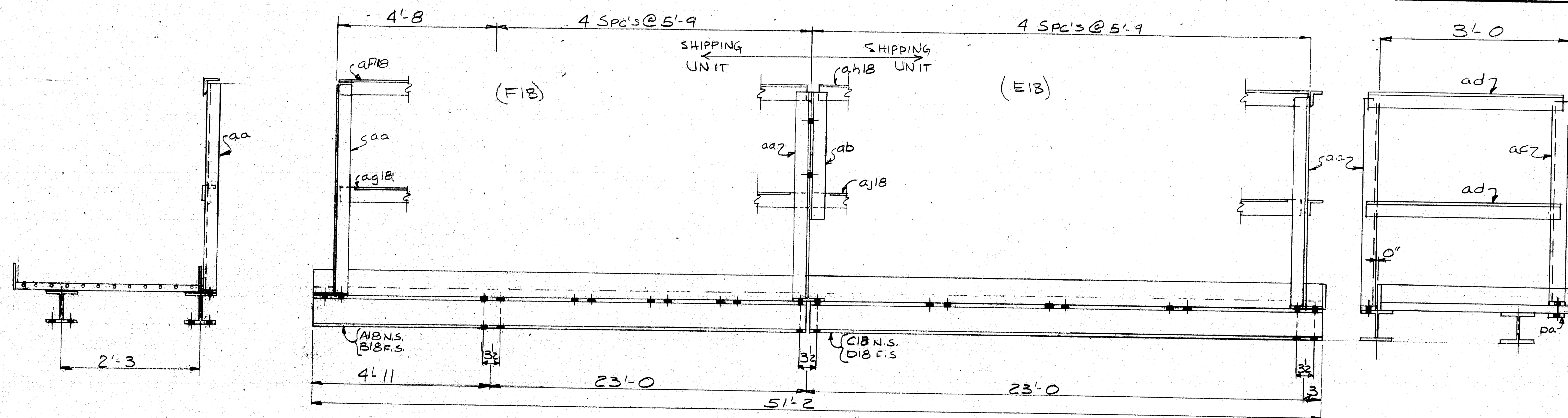


TACK WELD AT EVERY THIRD BAR (TYPICAL)

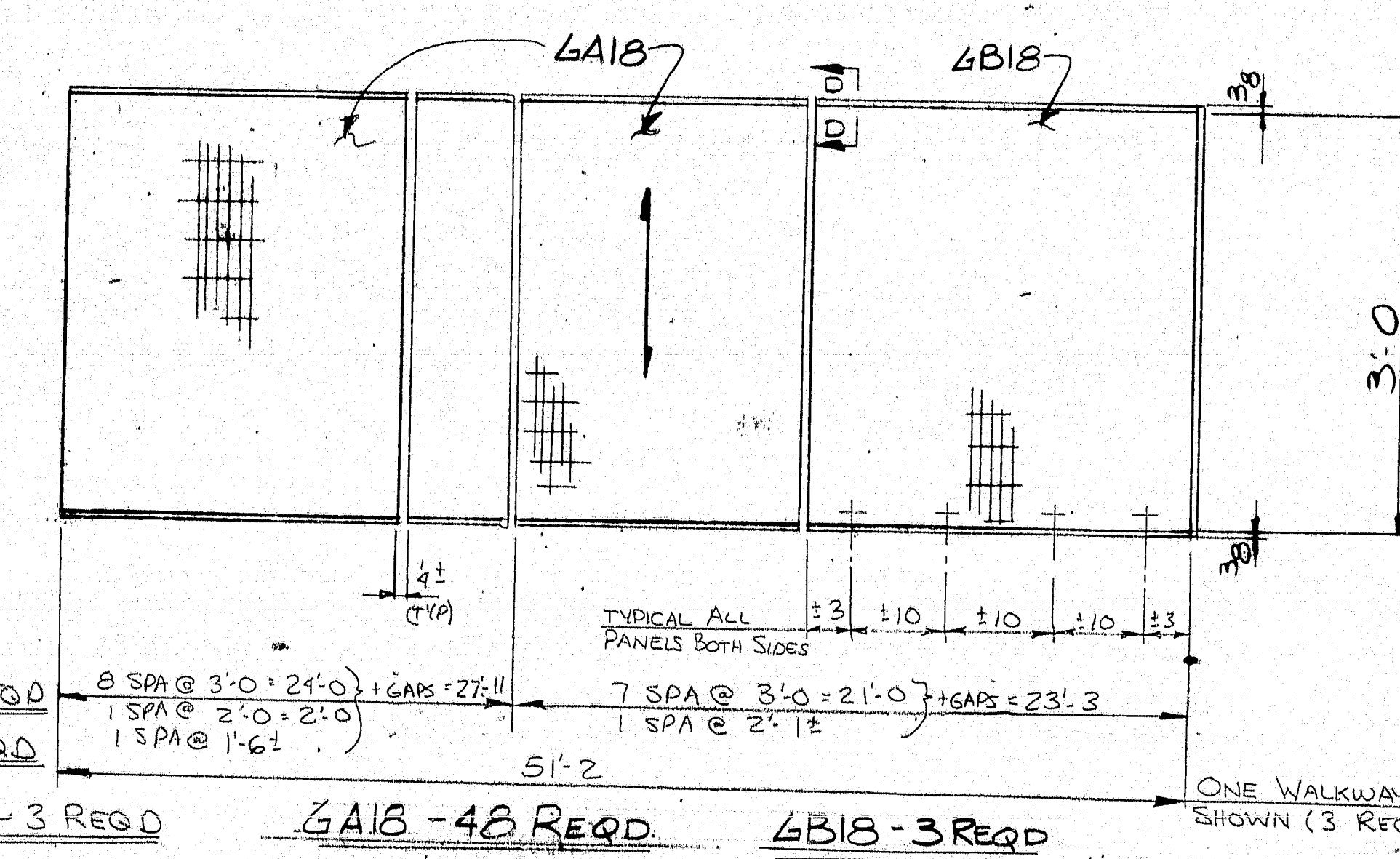
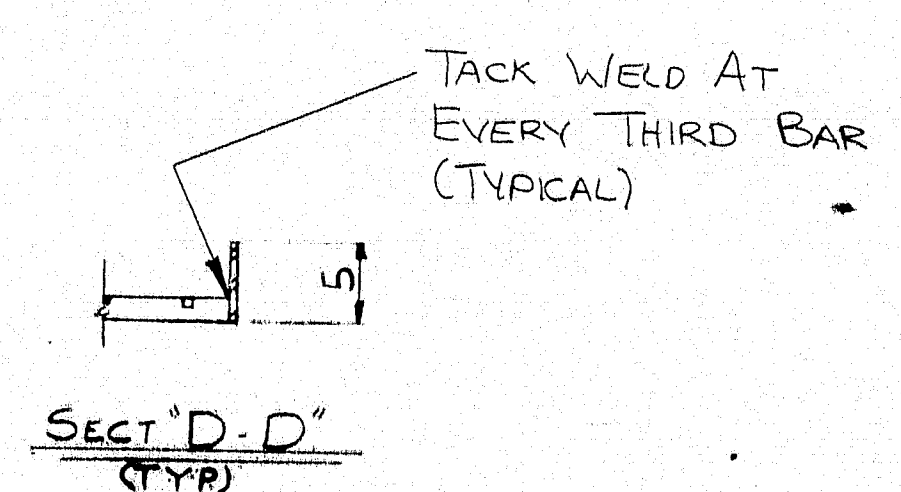
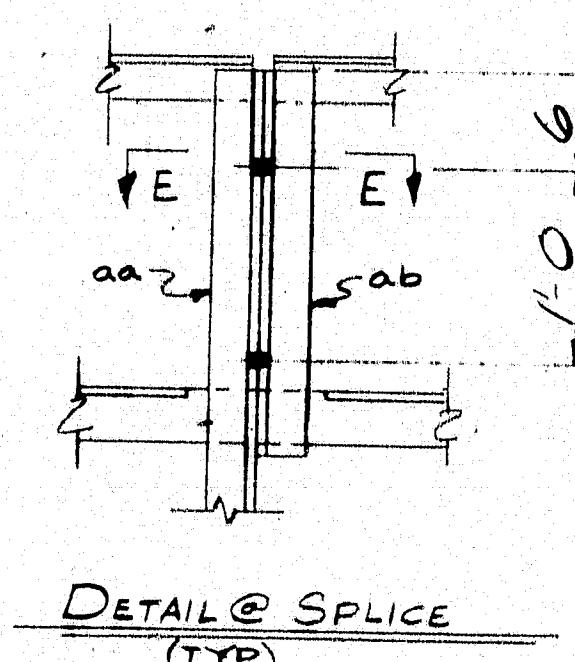
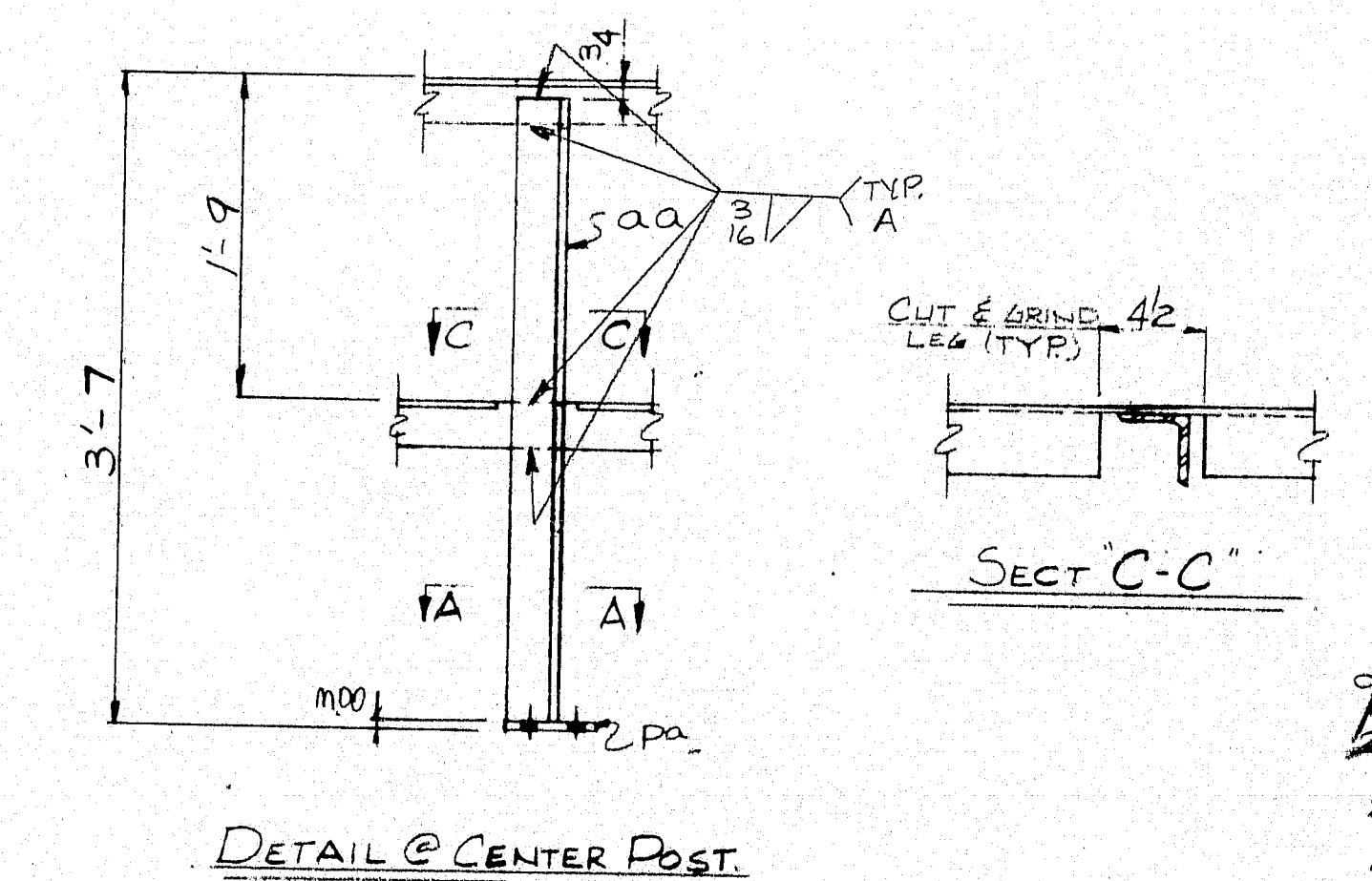
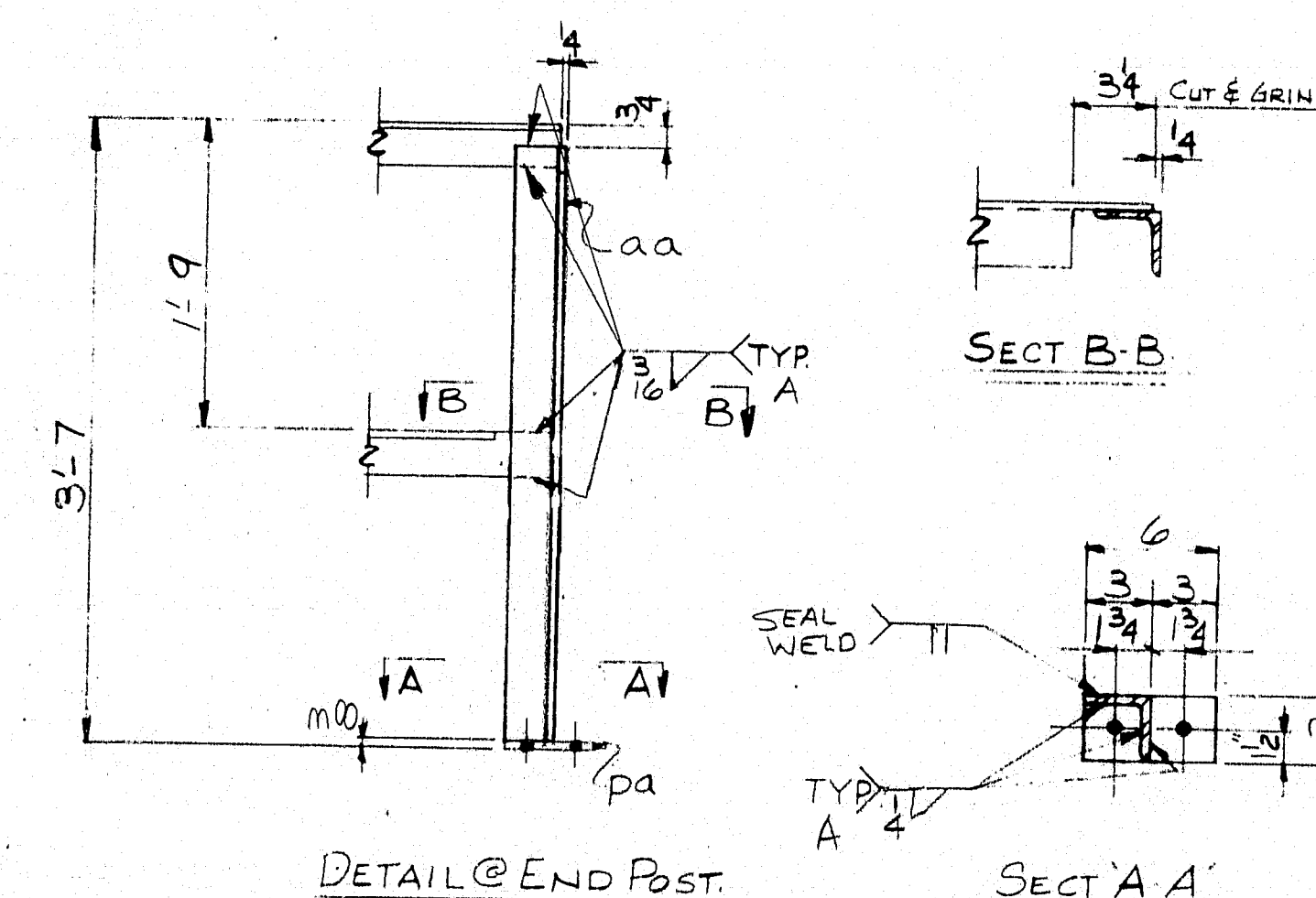
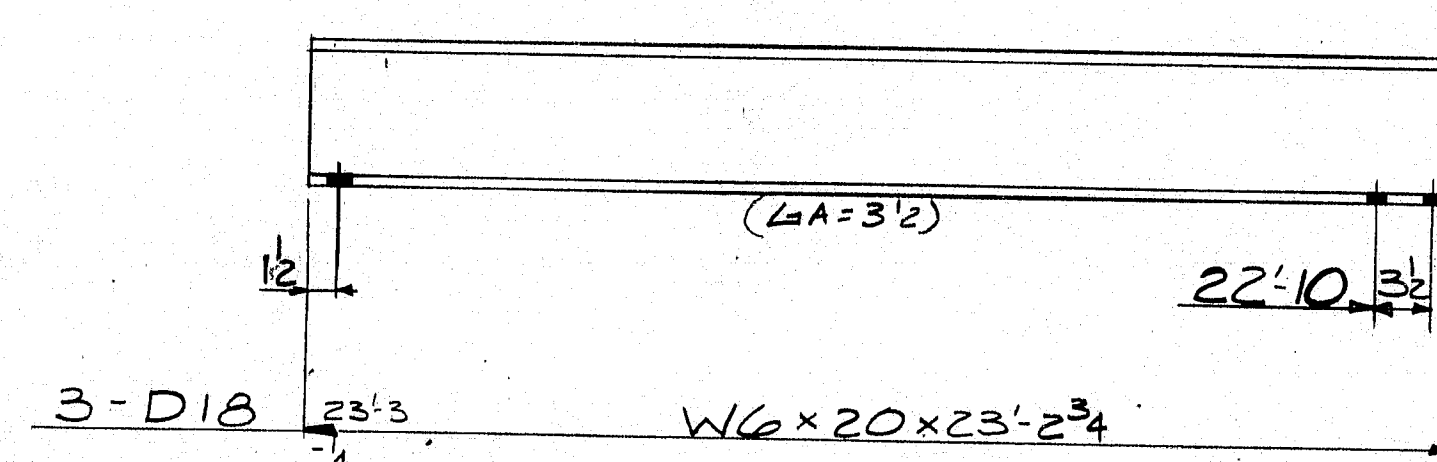
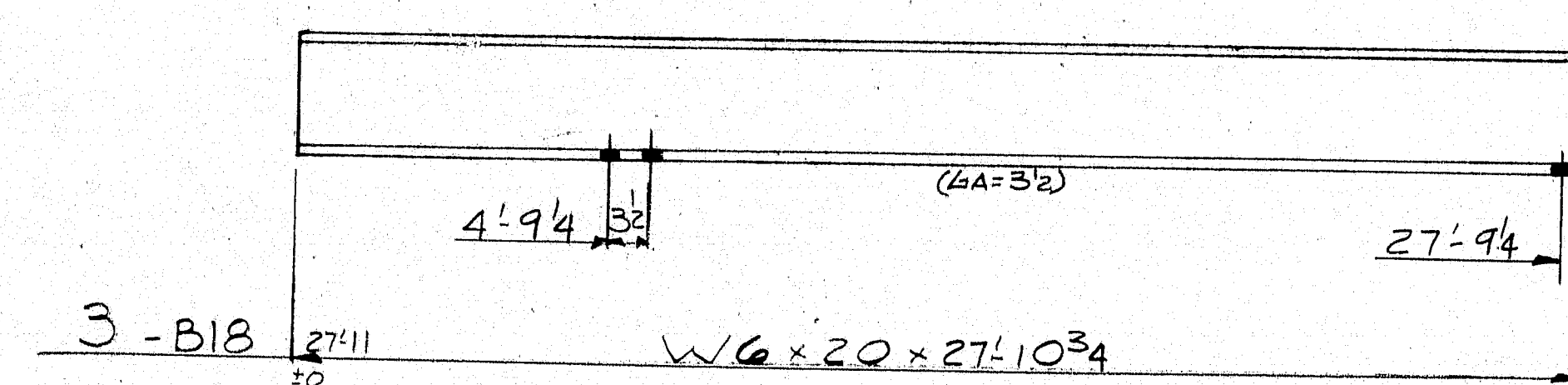
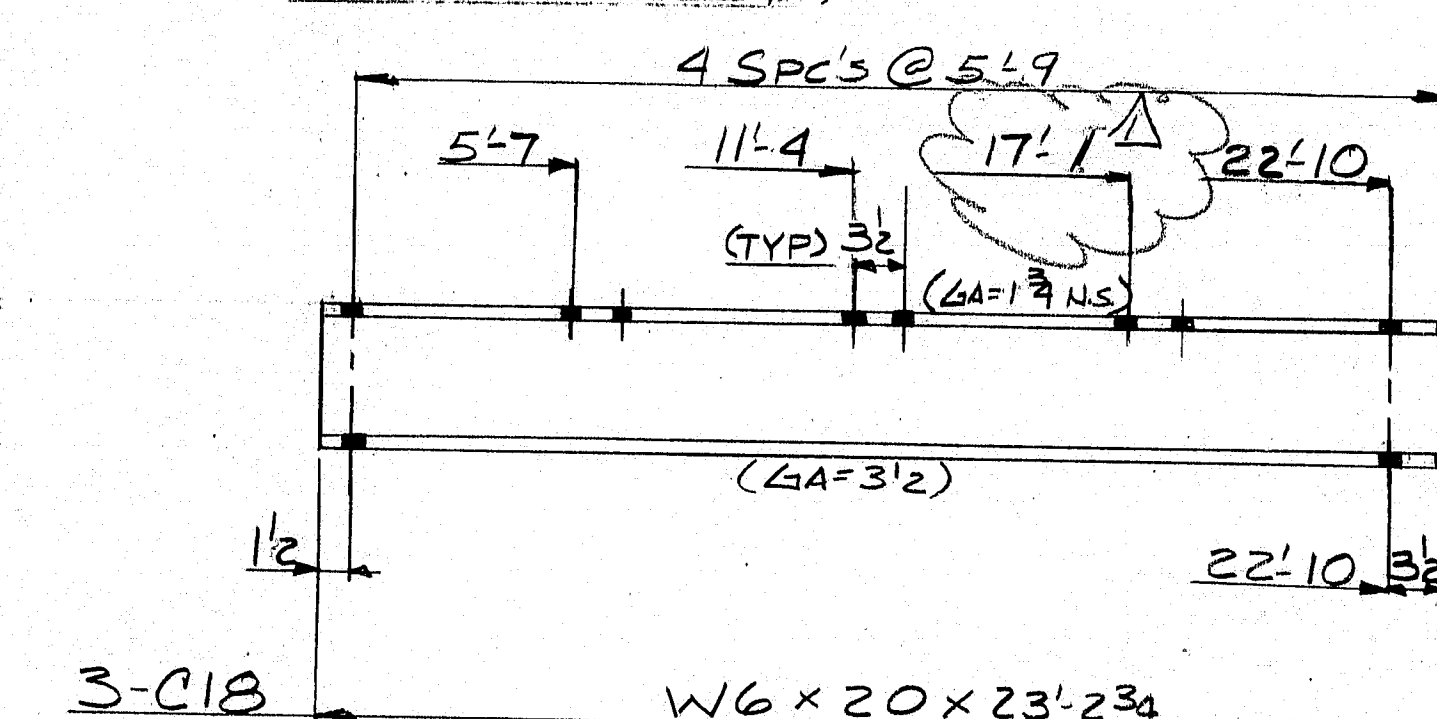
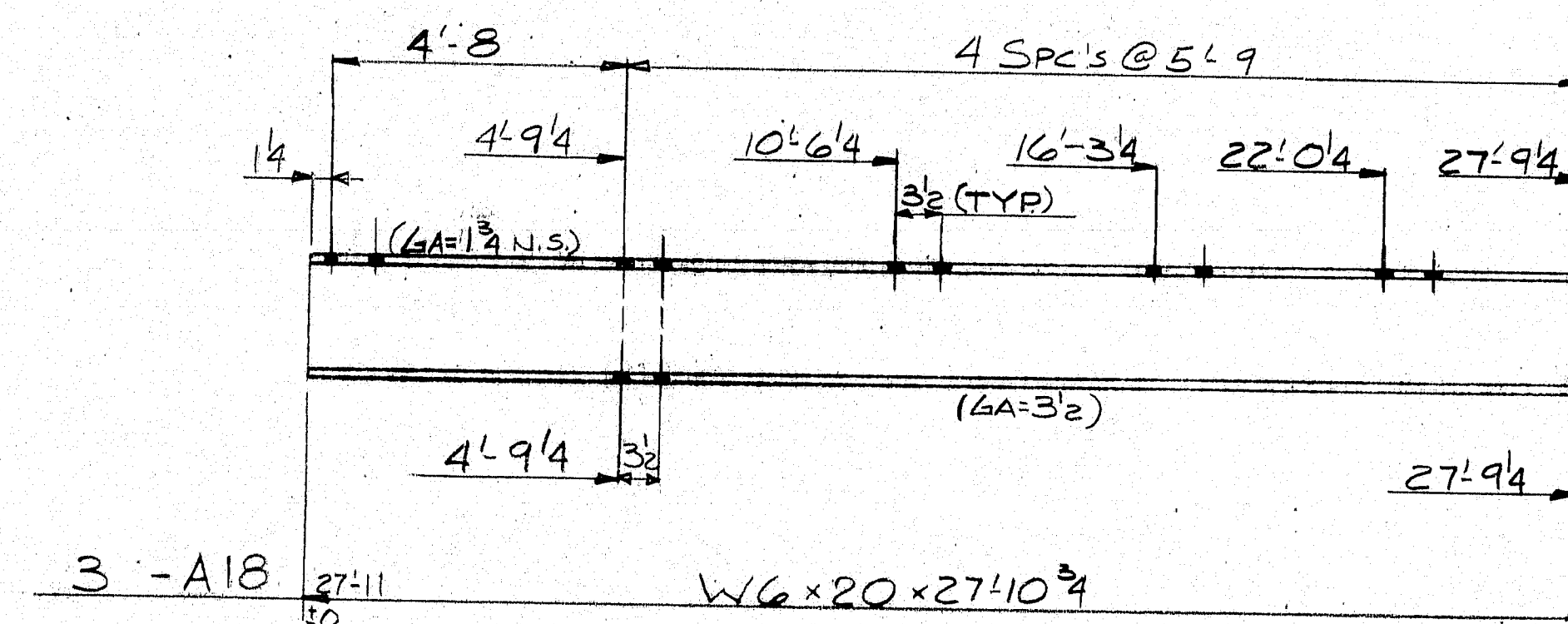
SECTION D-D (TYP)

MATERIAL SCHEDULE										
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM		REMARKS	WT.
				FT	IN.		NO.	FT. IN.		
A17	3		W6 x 20	23	2 3/4	2980	3	60 0	capitol 17 (465)	1394
B17	3		W6 x 20	23	2 3/4		3	60 0	capitol 17 (465)	1394
C17	3		W6 x 20	27	10 3/4				(558)	1674
D17	3		W6 x 20	27	10 3/4				(558)	1674
E17	3		RAIL ASS'Y	23	0				(374)	
F17	3		RAIL ASS'Y	27	8				(374)	
4A17	42		(GRTD) 1/4 x 14 x 36 O.G.I. ELECTROFORCED C/C B.B. 1/8"	3	0	9840			W/KICK #2 SIDES (60)	2646
4B17	3		" 40 "	3	0				W/KICK #3 SIDES (60)	189
GC17	3		(GRTD) 1/4 x 4 x 25	3	0				W/KICK #2 SIDES (60)	131
GD17	3		(GRTD) 1/4 x 4 x 24	3	0				(40)	126
GE17	3		(GRTD) 1/4 x 4 x 18 1/2	3	0				(30)	95
30	aa		4 3 x 3 x 1/4	3	6	#2450	crap from below			515
3	ab			2	0		"	"		29
3	ac			3	5		"	"		50
6	ad			3	2 1/2		"	"		94
3	af17			22	11 1/2		3	40 0		339
3	ag17			22	11 1/2		3	40 0		339
3	ah17			27	7 1/2		3	40 0		406
3	aj17		4 3 x 3 x 1/4	27	7 1/2		3	40 0		406
SHOP	9/6		SADDLE CLIPS	-	-	9840			GALV - TYPE C	
	4/6		40 SELF TAP	0	1	#2453			GALV.	
36	pa		1/2 x 3	0	6	2450			(2)	69
SHOP	9/4		2" BOLTS	0	13 1/2	#1153			TYPE I A325-GALV.	
SHOP	8		2" BOLTS	0	2 1/2					
SHOP	12/4		2" WASHERS	-	-					
										2 1/2 11
A-GM-12F-OIP										

R90-335



ELEVATION @ Pier #5, 6, 7

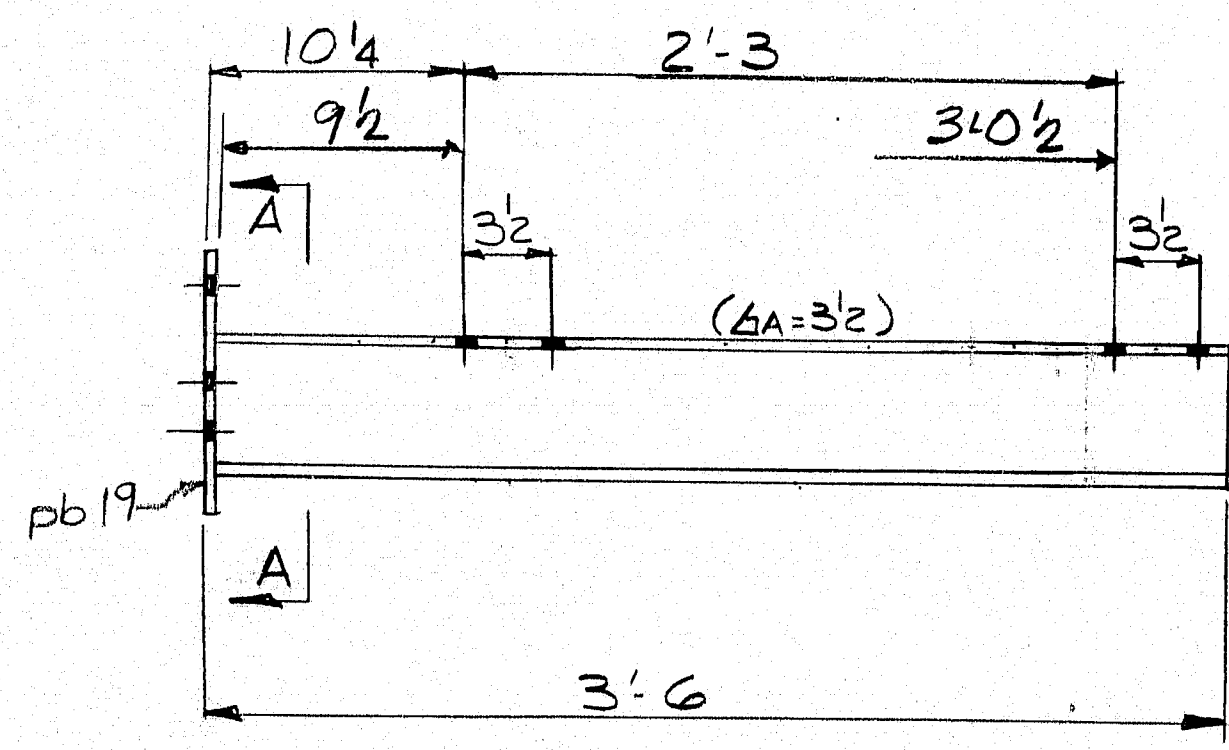


MATERIAL SCHEDULE									
SHIPPING MARK	NO. PCS	SUB-ASSEM	SHAPE	LENGTH	O OR S	CUT FROM	REMARKS	WT	
A18 3			W6 x 20	27'10 3/4	23'2 3/4	3' 60 0	cropt to C18 (558)	1674	1/17
B18 3			W6 x 20	27'10 3/4	23'2 3/4	3' 60 0	cropt to D18 (558)	1674	1/17
C18 3			W6 x 20	23'2 3/4			cropt from A18 (465)	1394	1/17
D18 3			W6 x 20	23'2 3/4			cropt from B18 (465)	1394	1/17
E18 3			RAIL ASS'Y	27'8				(874)	
F18 3			RAIL ASS'Y	23'0				(314)	
4A18 48			(GRTS) x 14 x 3/8	3' 0	90 1/4		W/ KICK P 2 SIDES (63)	3024	
4B18 3			(GRTS) x 14 x 3/8	3' 0			W/ KICK P 3 SIDES (63)	199	
4C18 3			(GRTS) x 14 x 3/8	3' 0			W/ KICK P 2 SIDES (63)	199	
4D18 3			(GRTS) x 14 x 3/8	3' 0			W/ KICK P 2 SIDES (63)	199	
4E18 3			(GRTS) x 14 x 3/8	3' 0			W/ KICK P 2 SIDES (63)	199	
30 aa			4 x 3 x 1/4	3' 6			W/ KICK P 2 SIDES (63)	515	
3 ab			4 x 3 x 1/4	3' 6			W/ KICK P 2 SIDES (63)	29	
3 ac			4 x 3 x 1/4	3' 6			W/ KICK P 2 SIDES (63)	50	
6 ad			4 x 3 x 1/4	3' 6			W/ KICK P 2 SIDES (63)	94	
3 ah18			27'7 1/2	3' 40 0				406	
3 ag18			27'7 1/2	3' 40 0				406	
3 ah18			22'11 1/2	3' 40 0				338	
3 aj18			22'11 1/2	3' 40 0				338	
SHOP 416			SADDLE CUR				GALV. TYPE C		
SHOP 416			40 SELF TAPPING				GALV.		
36 pa			4 x 3 x 1/4	3' 6				(2) 69	

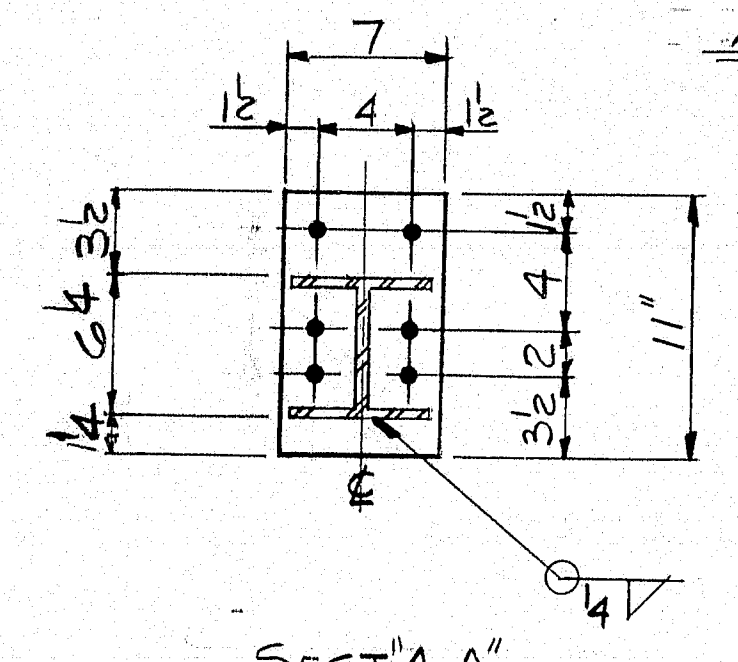
SHOP 54	2" BOLTS	0 134	#4158						
SHOP 8	2" BOLTS	0 234							
SHOP 124	2" WASHERS								
A - 6M-12F-01P									
TOTAL WEIGHT 11,946									

PRINT DISTRIBUTION	MATERIAL 136 - GALV	HOLES 1/2" L.I.N.
FA 12-4-84	BOLTS 1/2" TYPE I A325 - GALV	ELECTRODE SEE PROCEDURE
FA 1-24-85	SURFACE PREP	REF. DWG.
FA 2-15-85	PRIMER	
FA 2-27-85	FINISH GALV	
FA 3-28-85	P.U. #I-14-395-B(82)176	
MAINE-CASCADE IRON WORKS BAKER STREET, CLINTON, MAINE 04927 PHONE 207-426-2671		
DESCRIPTION CATWALK DETAILS @ Pier #5, 6, 7 PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER LOCATION BANGOR/BREWER, ME DESIGNER MAINE DOT CUSTOMER CIAMBRO CORP. JOB NO. 84-546-1 DWG. NO. 18 REV. A		

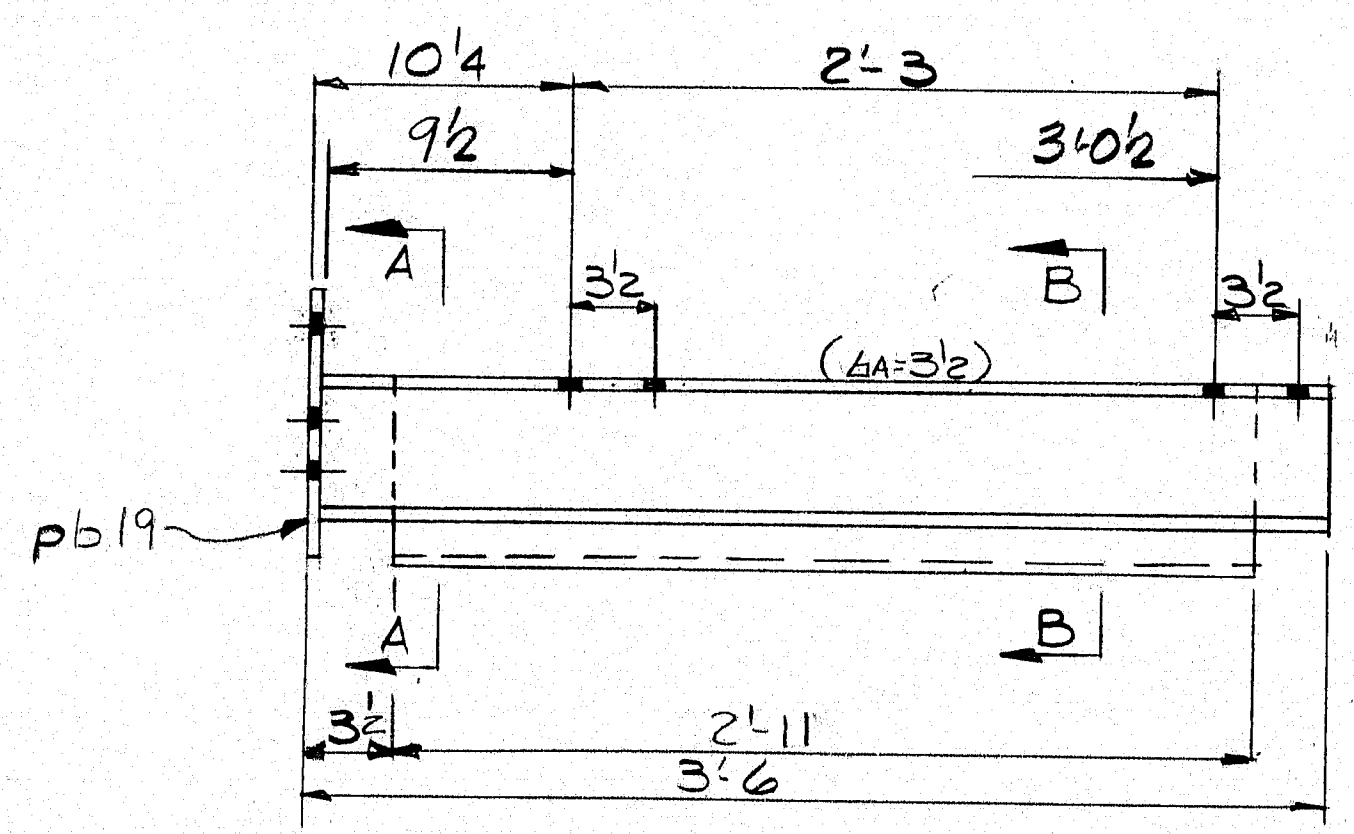
R90-336



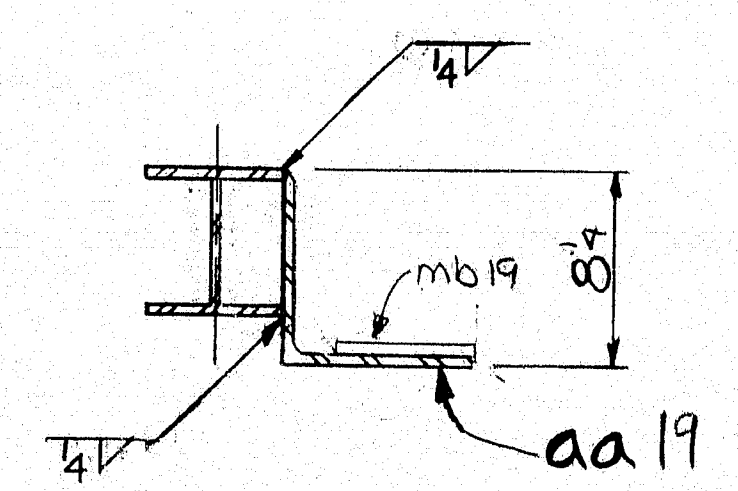
A19-50 REQD.



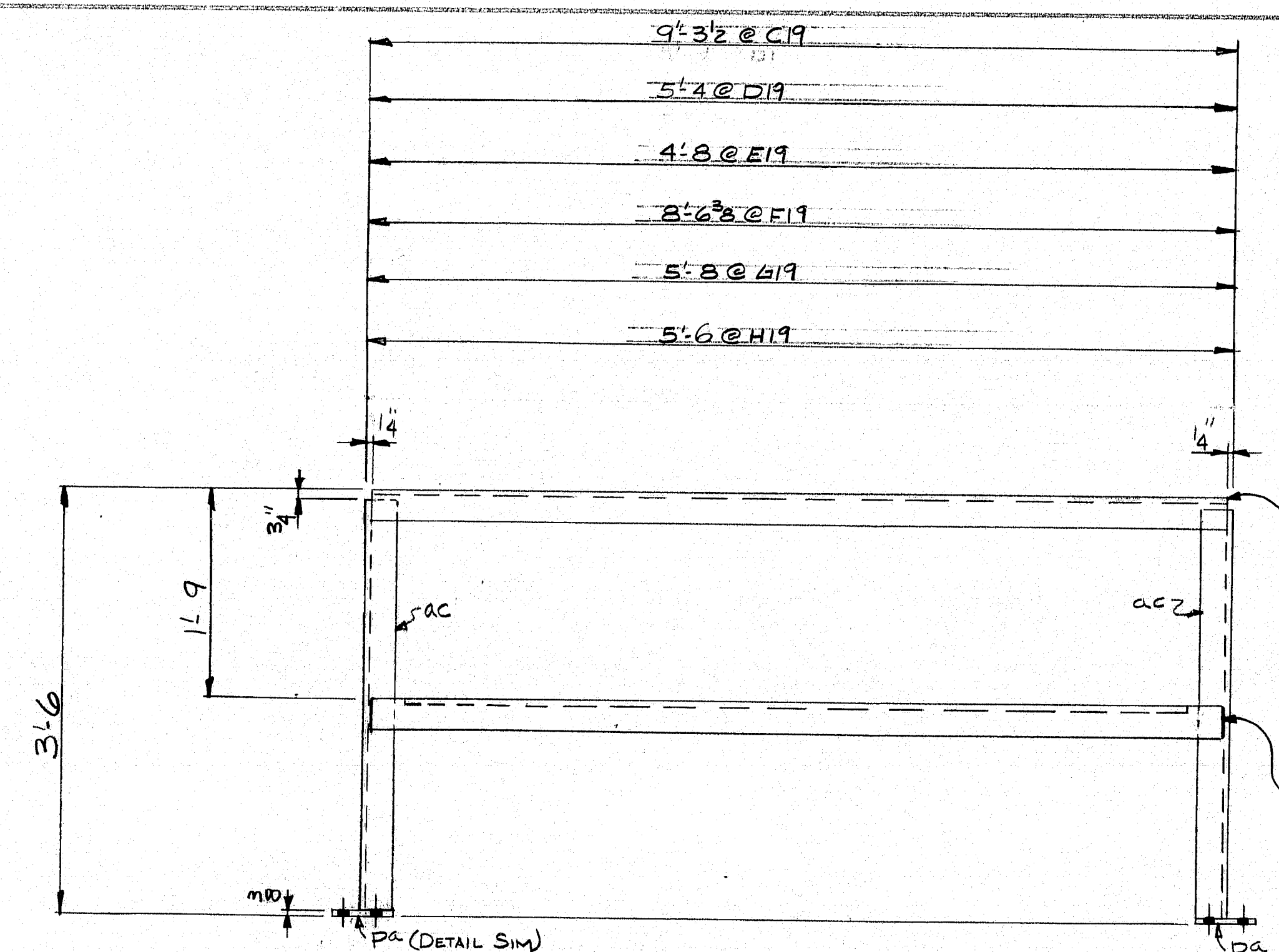
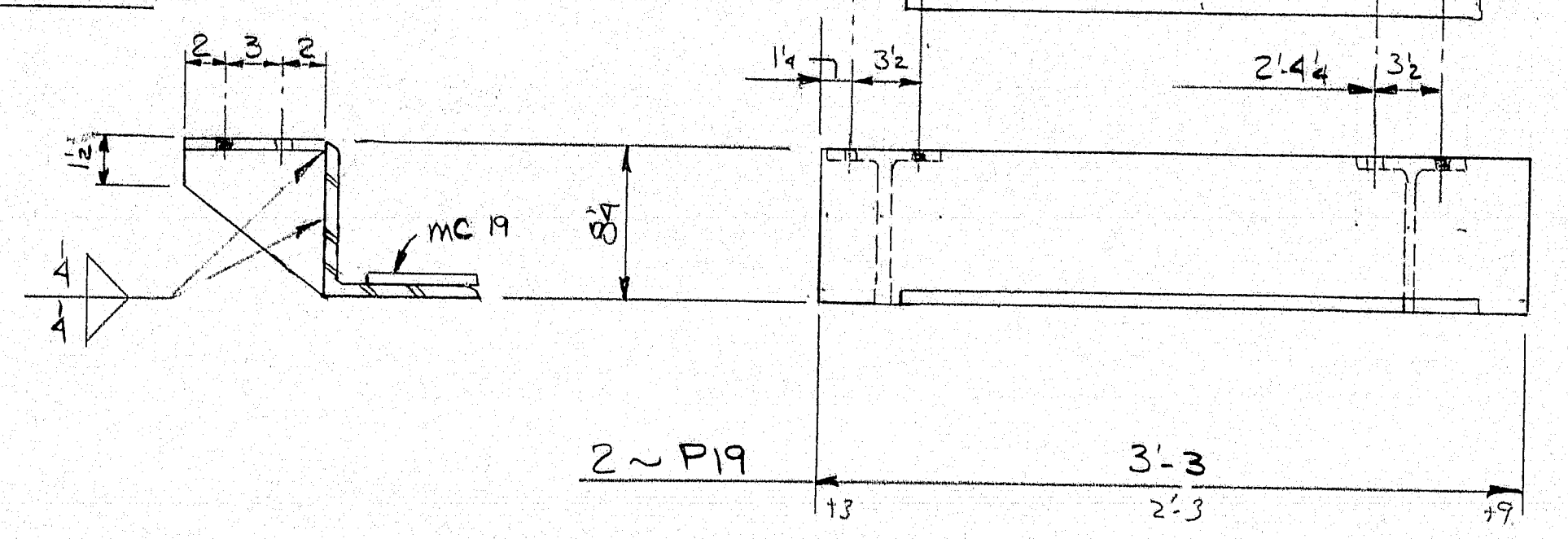
SECT A-A



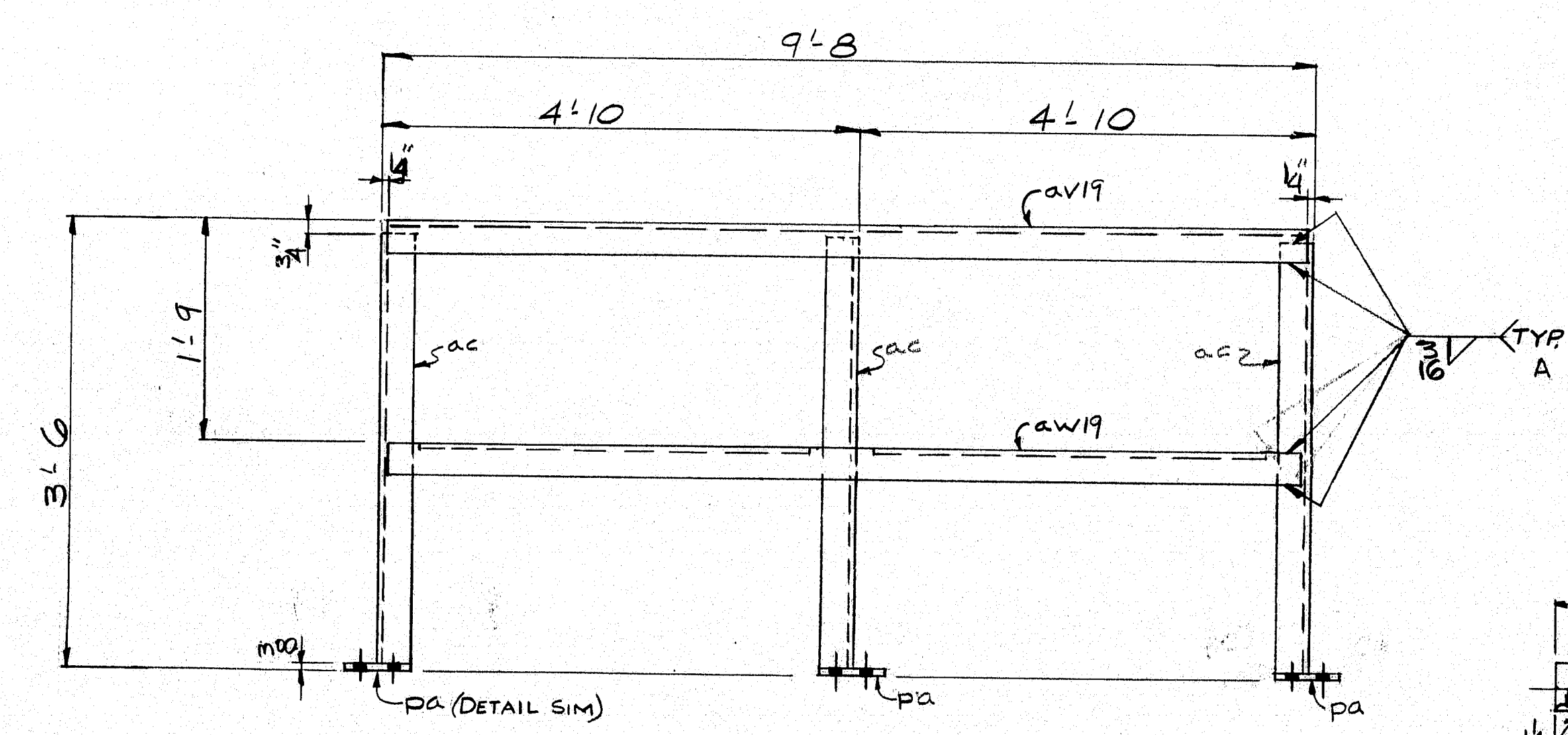
B19-3 REQD.



SECT B-B



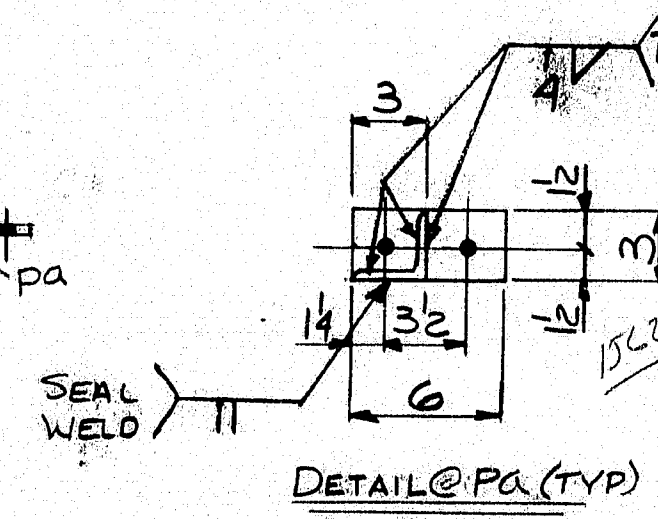
C19-ONE REQD
D19-3 REQD
E19-7 REQD
F19-ONE REQD



J19-ONE REQD

ad @ C19
ad @ D19
ad @ E19
ad @ F19
ad @ H19

ad @ C19
ad @ D19
ad @ E19
ad @ F19
ad @ H19



DETAIL @ PA (TYP)

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS	SUB-ASSEMBLY	SHAPE	LENGTH	Q OR B	CUT FROM	REMARKS	WT.
				IN		NO. FT. IN.		
A19	50		WGx20	3 54	C19		(69)	3438
B19	3		WGx20	3 54	C19		(69)	200
C19	1		RAIL ASSY	9 32			(183)	
D19	3			5 4			(183)	
E19	7			4 8			(183)	
F19	1			8 6 3/8			(183)	
G19	2			5 8			(183)	
H19	1			5 6			(183)	
J19	1		RAIL ASSY	9 8			(183)	
P19	2		8x8x2	3 3	#24501	20 0	cut to 19	172
4	ma19		W 10x33	0 7	C19		As DETAILED	74
2	mc19	NON-SKID SURFACE - 6" WIDE	3 3	5 3/8	1 RAIL 60' LONG		MC-CARR PG 502 #670752	562
33	ac	3x3x1/4	3 3	5 3/8	10 0		MC-CARR PG 502 #670752	562
3	mb19	NON-SKID SURFACE - 6" WIDE	3 3	5 3/8	10 0		MC-CARR PG 502 #670752	562
3	aa19	8x8x1/2	2 11	11 1/2	cut from P19			231
1	ad19	3x3x1/4	9 3	5 3/8	1 20 0	cut to 19		45
3	af19		5 3/8	1 20 0				78
7	ag19		4 7/2	1 40 0	CUT FROM AT 19			159
1	ah19		8 5/8	cut from ad 19				42
2	aj19		5 7/2	1 20 0	cut to 19			55
1	ak19		5 5/2	cut from af19				27
1	am19		9 3	1 40 0	cut to 19			46
3	an19		5 3/2	1 40 0	cut to 19			78
7	ap19		4 7/2	1 40 0	cut to 19			159
1	aq19		8 5/8	cut from AT 19				42
2	as19		5 7/2	cut from AM 19				55
1	at19		5 1/2	cut from AP 19				25
1	av19		9 7/2	1 20 0				49
1	aw19	3x3x1/4	9 7/2	1 20 0				47

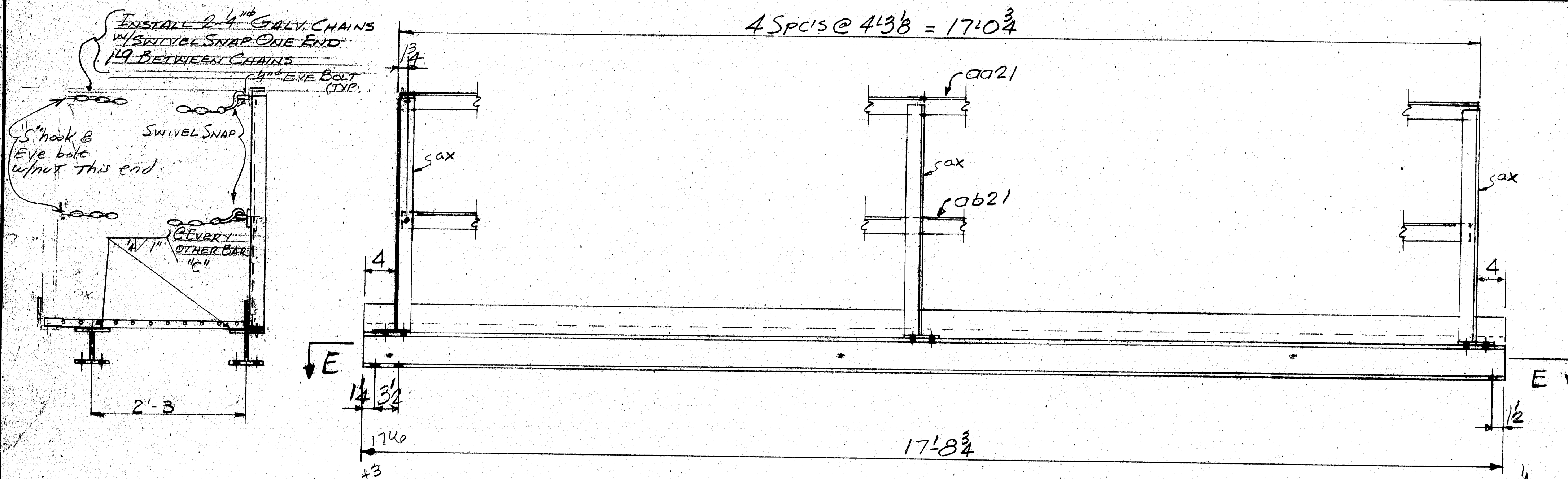
SHOP 67	20 BOLTS	0 2 1/2	#4133		A325 TYPE I - GALV.		
(33) 50 5 66 pa	2 1/2 x 3	0 6	5X1				126
53 pb19	2 1/2 x 7	0 11	11X1				867

FIELD MATERIALS FOR DRWG. 2-19							
FIELD 41	20 BOLTS	0 1 1/4	#4133		A325 - GALV.		
FIELD 469	20 BOLTS	0 2					
FIELD 1078	20 WASHERS	-					
A-GM-12F-DIP							
TOTAL WEIGHT 6573							

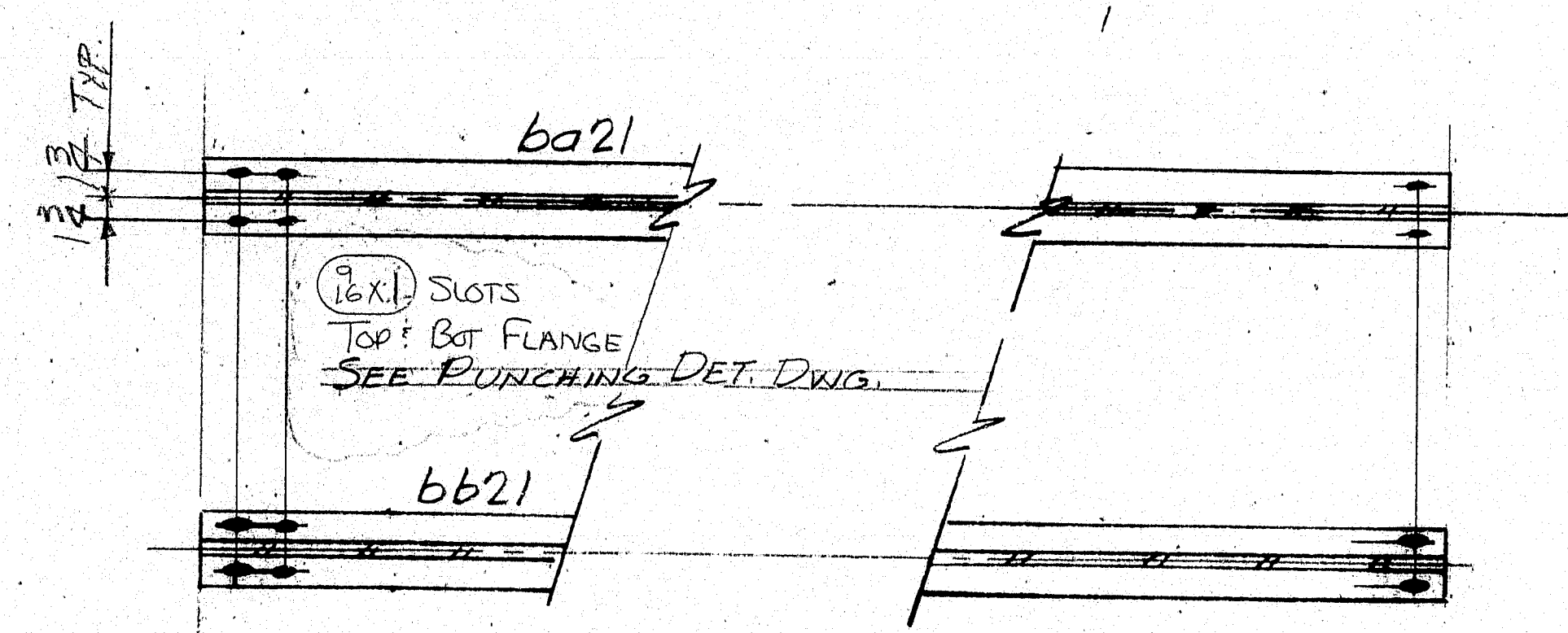
PRINT DISTRIBUTION	MATERIAL A36 - GALV.	HOLES 1 1/2\"/>
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R90-337

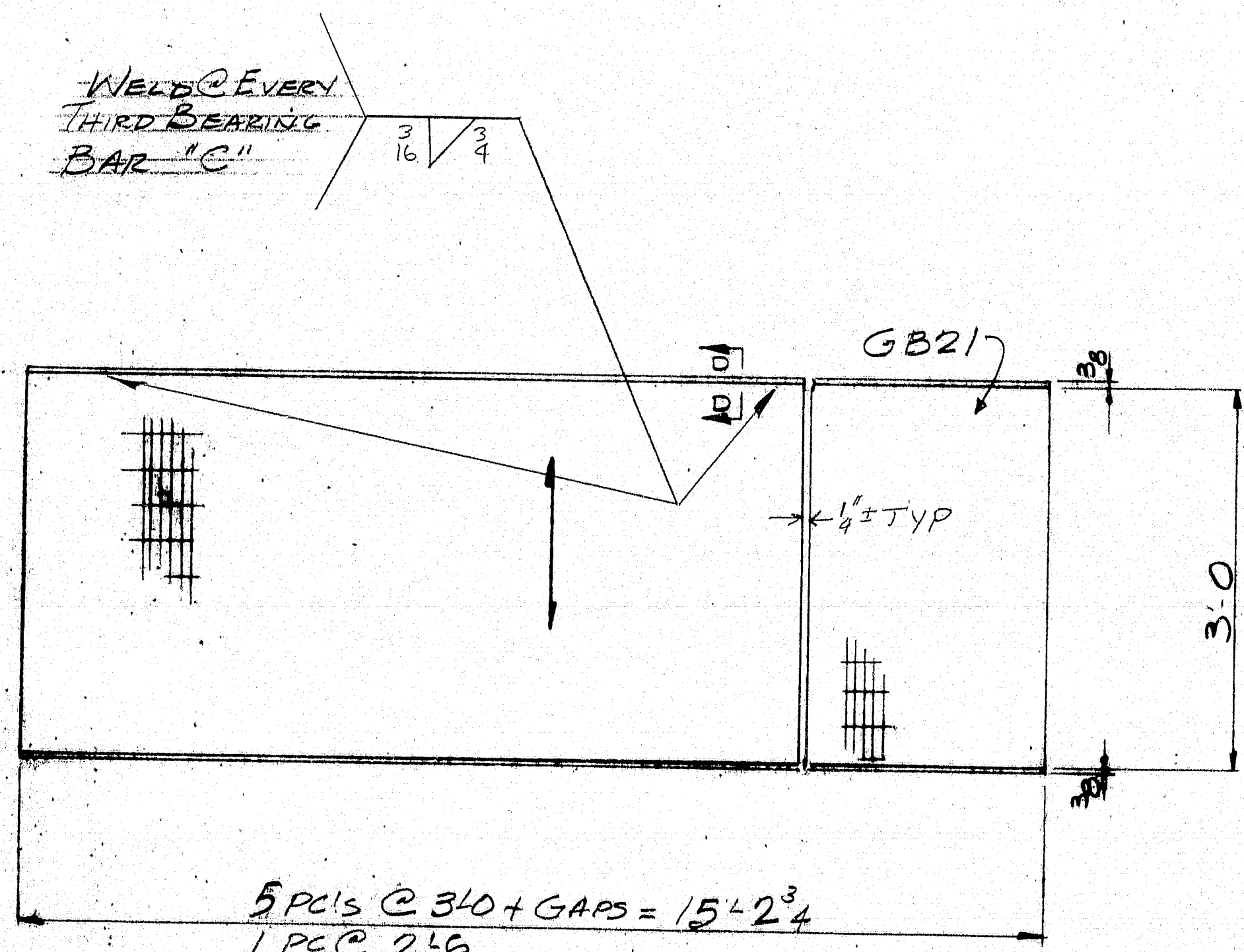
Δ COPE ON P19



A21- ONE REQD.

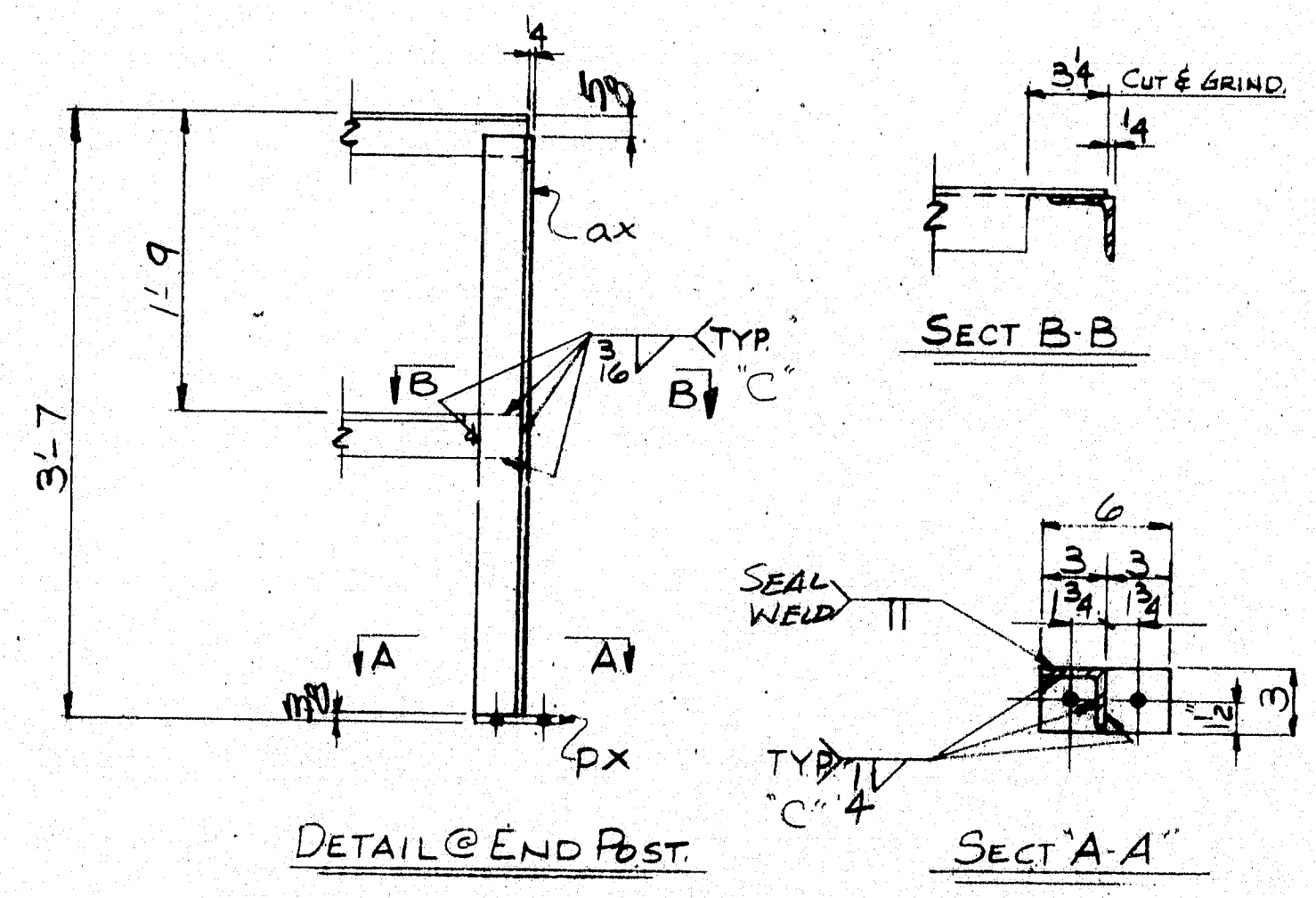


SECT E-E

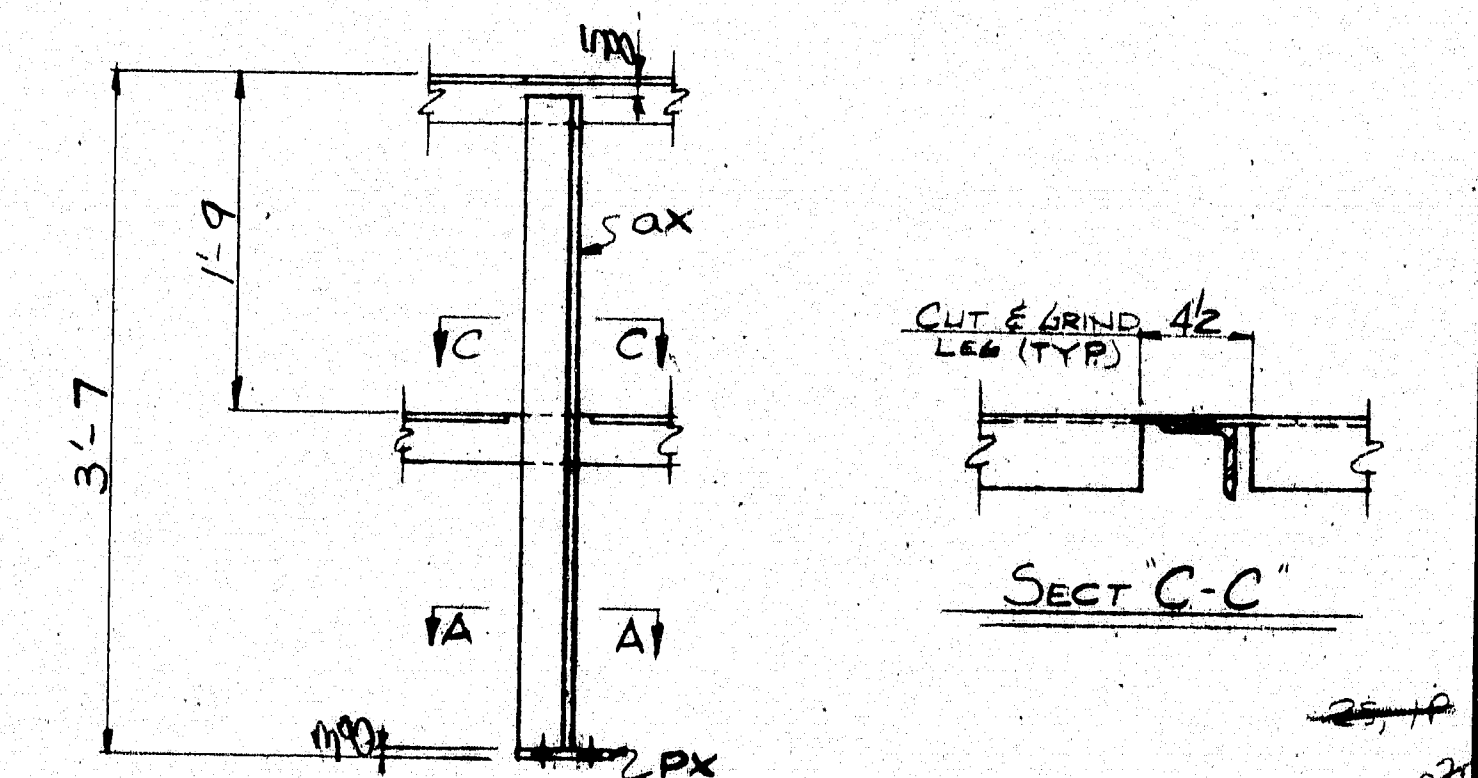


GA21- 5 REQD. GB21- ONE REQD.

SECT D-D



DETAIL @ END POST



DETAIL @ CENTER POST

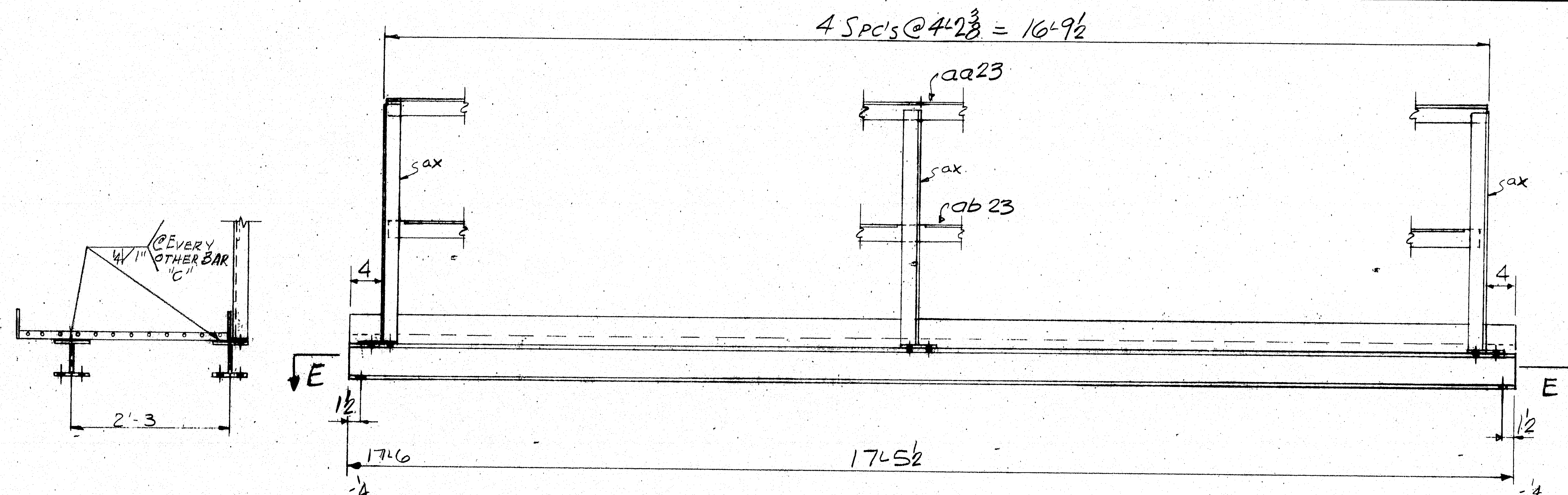
MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM		REMARKS	WT.
				FT.	IN.		NO.	FT.	IN.	
A21	1		ASSEMBLY	17	8 3/4				(1390)	—
	1	ba21	WG X 20	17	8 3/4	2482	1	45	0	355
	1	bb21	DO	17	8 3/4	2	1	45	0	355
GRATING: OGI ELECTRO FORGED (9LBB=13)										
	5	GA21	4"x4"x36"	3	0	40104			✓KICK R 2 ENDS	315
	1	GB21	1"x4"x30"	3	0	2			DO	53
	5	aa21	3"x3"x4	3	6	2482				36
	1	aa21	DO	17	04					83
	1	ab21	DO	17	04					83
	5	px21	#3 x 3	0	6	144				10
	4	SHOP	"EYE BOLTS for 4" chain			248177			THREADED GALV	
	2	DO	4" SWIVEL SNAPS			248177			↓	
	2	DO	4" GALV CHAIN	3	0 1/2					
	4	DO	4" "S" Hooks						GALV	
C ~ FC-12F-03P Δ; FC-12F-04P Δ; SM-2F-01P										

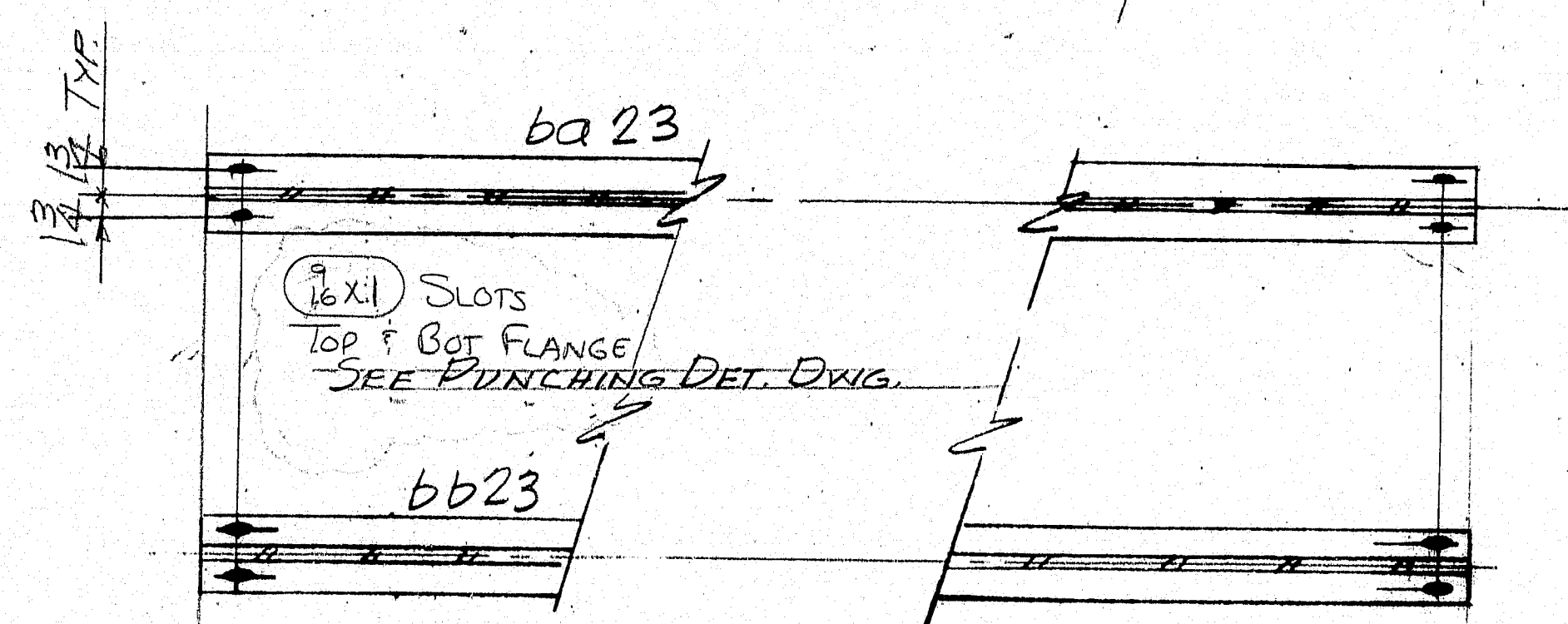
PRINT DISTRIBUTION		MATERIAL ASTM-A588		TOTAL WEIGHT 1390	
FA 12-27-89		BOLTS 2 GALV A325 TYPE I		HOLES 9\"/> 	

R90-338

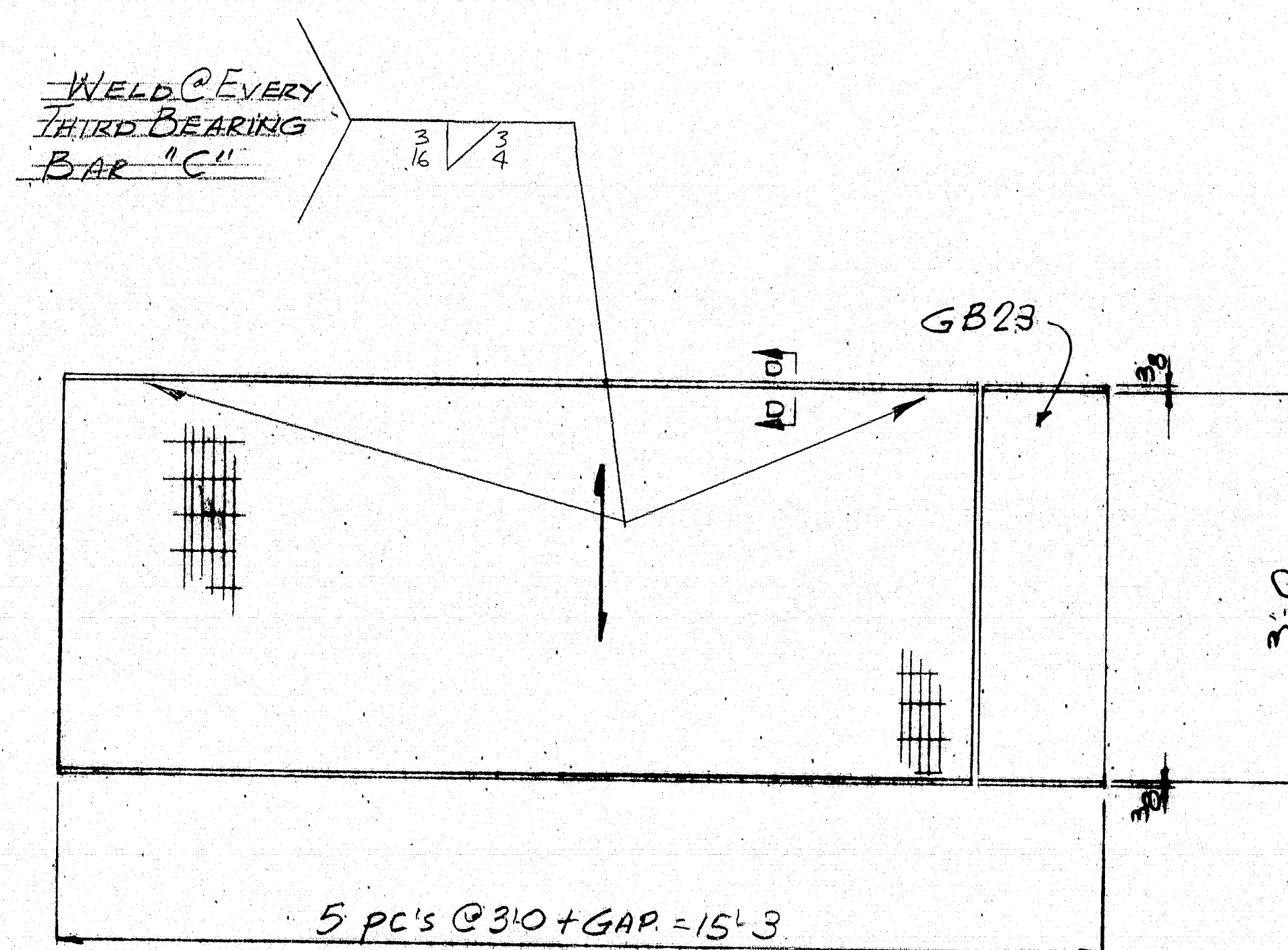
R90-339



A23 - ONE REQD.



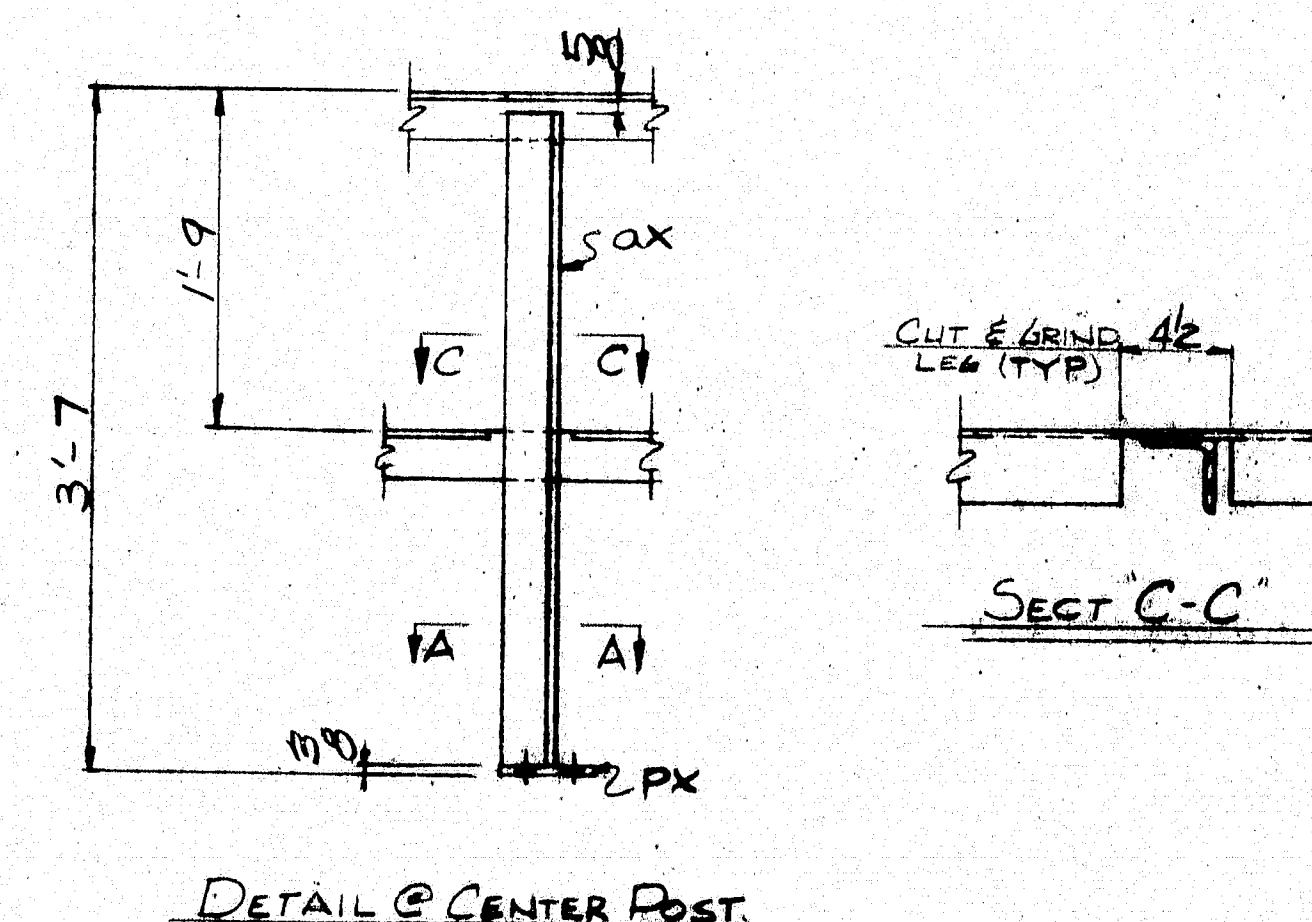
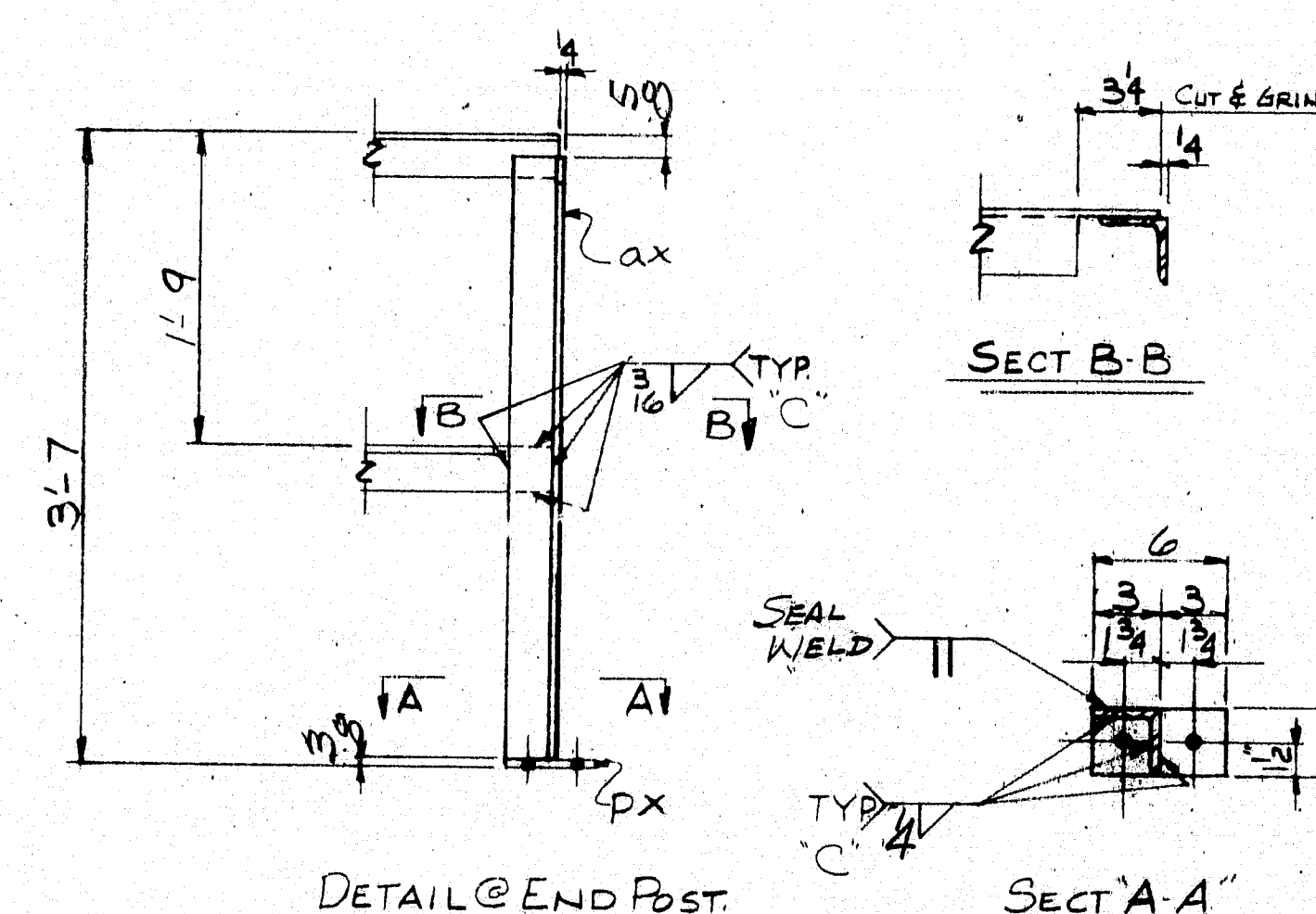
SECT E-E



5 PC'S @ 3'-0" + GAP = 15'-3
1 PC @ 2'-2 1/2

GA23 - 5 REQD. GB23 - ONE REQD.

SECT D-D



MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
15703 A23	1		ASSEMBLY	17 5 1/2			(1382)	
1	ba 23		W 6 X 20	17 5 1/2	24182	1 45 0	empty to 10 4 1/2	349
1	bb 23		Do	17 5 1/2	2	1 45 0	empty to 10 4 1/2	349
GRATING 0.01 ELECTROFORMED (5/8 B.B. = 1/3)								
6	GA23		1 x 4 x 3/16	3 0	9004		W/ KICK @ 2 ENDS.	978
1	GA23		Do x 26 1/2	3 0	2		Do	416
5	sax		3 x 3 x 1/4	3 6	24182			86
1	aa 23		Do	16 9				82
1	ob 23		Do	16 9				82

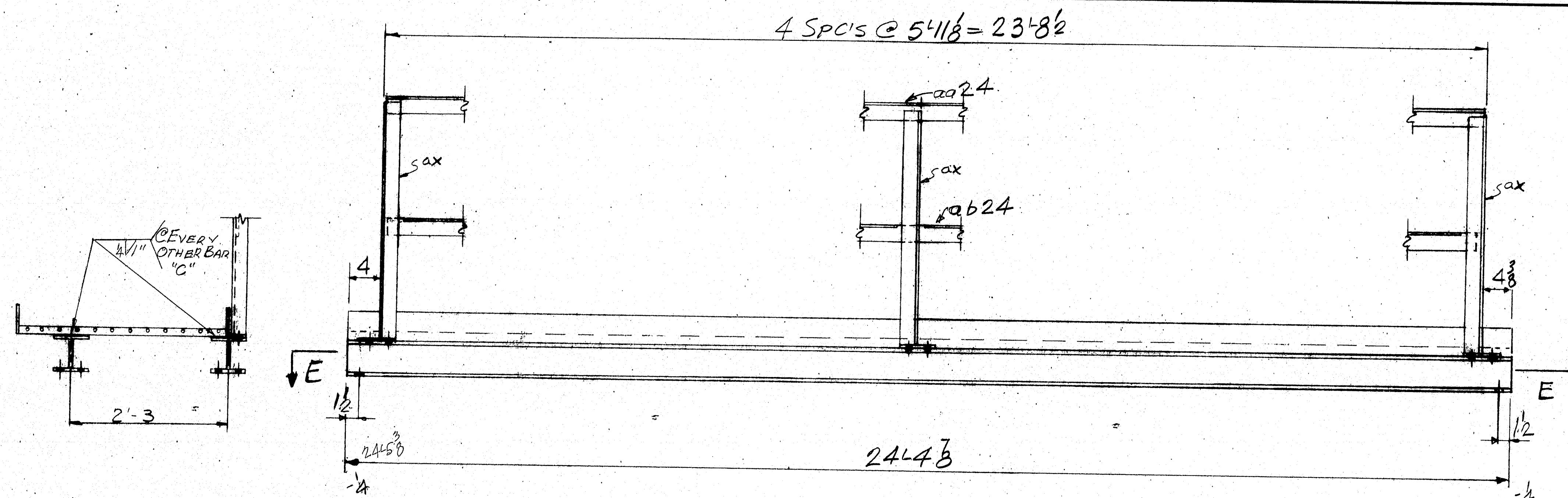
5px 12 3/8 x 3 0 6 1/4 10

'C' ~ FC-12F-03P Δ; FC-12F-04P Δ; SM-2F-01P

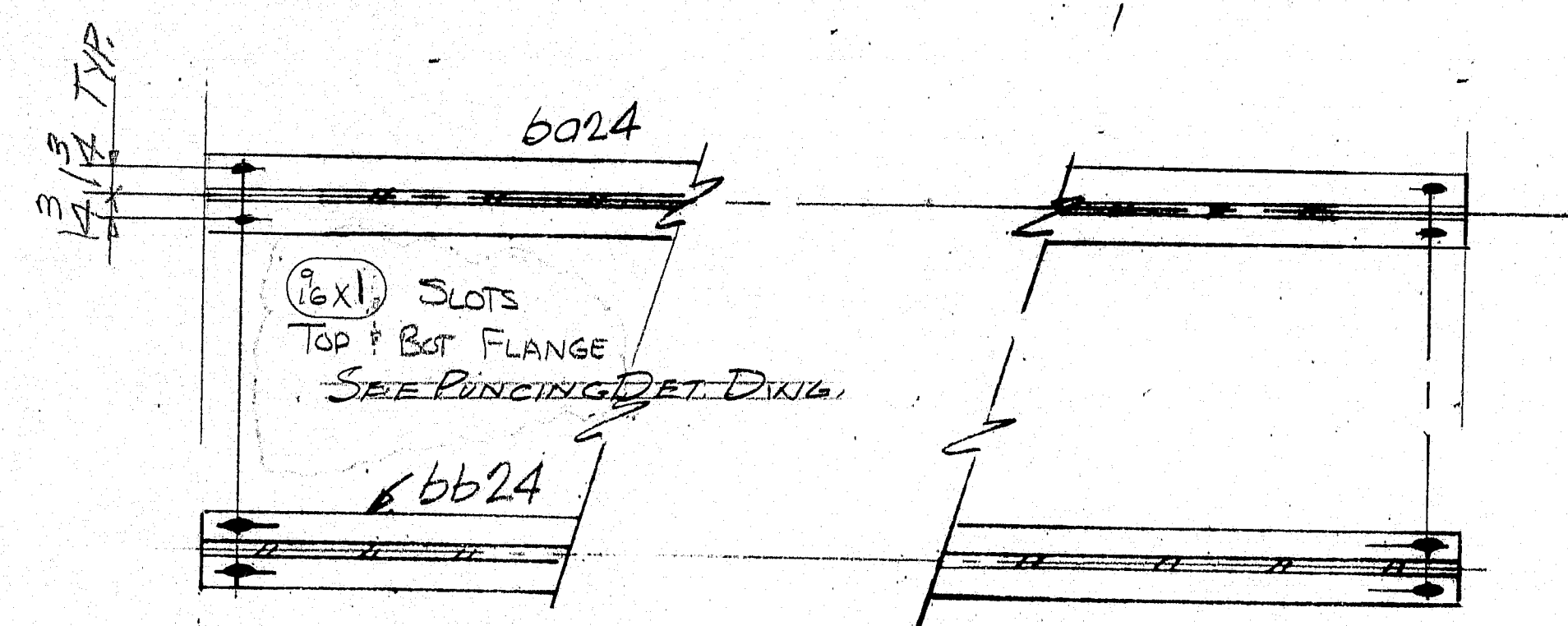
TOTAL WEIGHT 1382

PRINT DISTRIBUTION	MATERIAL	ASTM-A588	HOLES	16" L.I.N.
FA 12-27-89	BOLTS	1/2" GALV A325 TYPE I	ELECTRODE	SEE PROC.
FA 2/2/90	SURFACE PREP	SP6	REF. DWG.	
FA 3-3-91	PRIMER	NONE		
FA 8-26-95	FINISH			
	RJ #I-14-395-B(82)176 BID ITEM 504-7002			
	MAINE-CASCADE IRON WORKS			
	BAKER STREET, CLINTON, MAINE 04927			
	PHONE 207-426-2671			
	DESCRIPTION <u>CATWALK DETAILS - LONGITUDINAL</u>			
	PROJECT <u>BRIDGE 1395 OVER PINNOCOTT RIVER</u>			
	LOCATION <u>BANGOR/BREWER, ME</u>			
	DESIGNER <u>MAINE DOT</u>			
	CUSTOMER <u>CIAMRO CORP</u>			
	JOB NO.	81-546-2	DWG. NO.	23
	REV.			

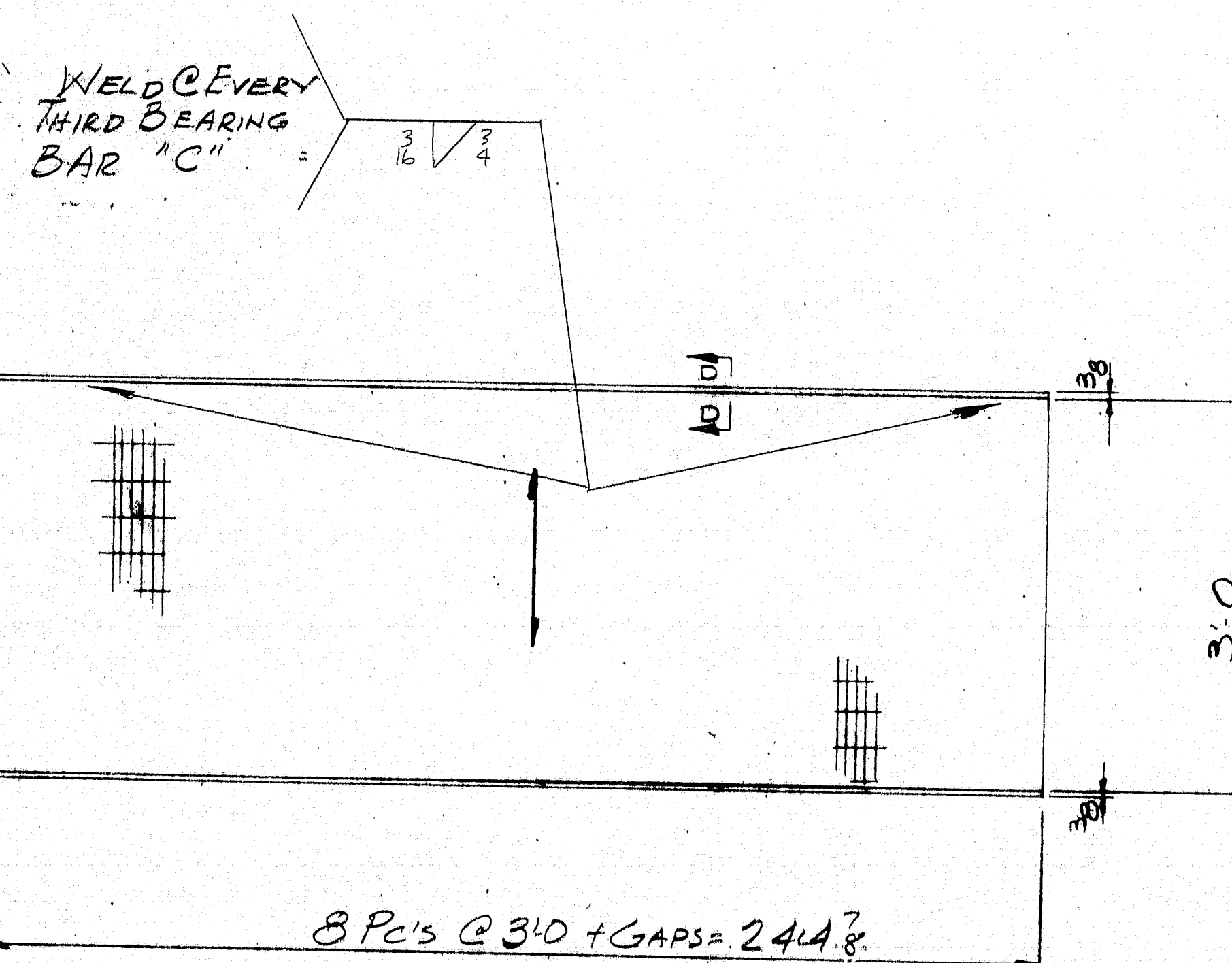
R90-340



A24-ONE REQ'D

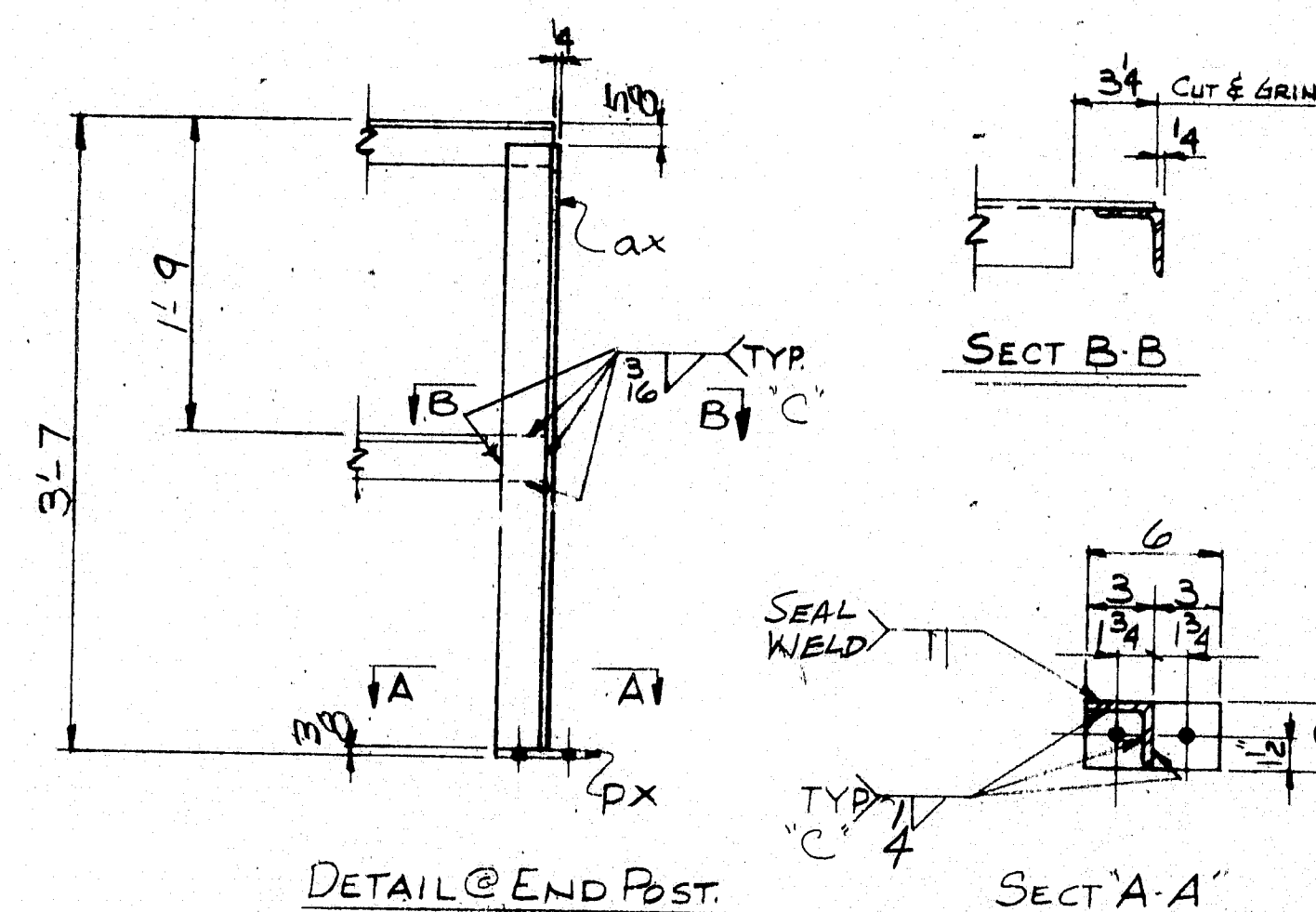


SECT E-E

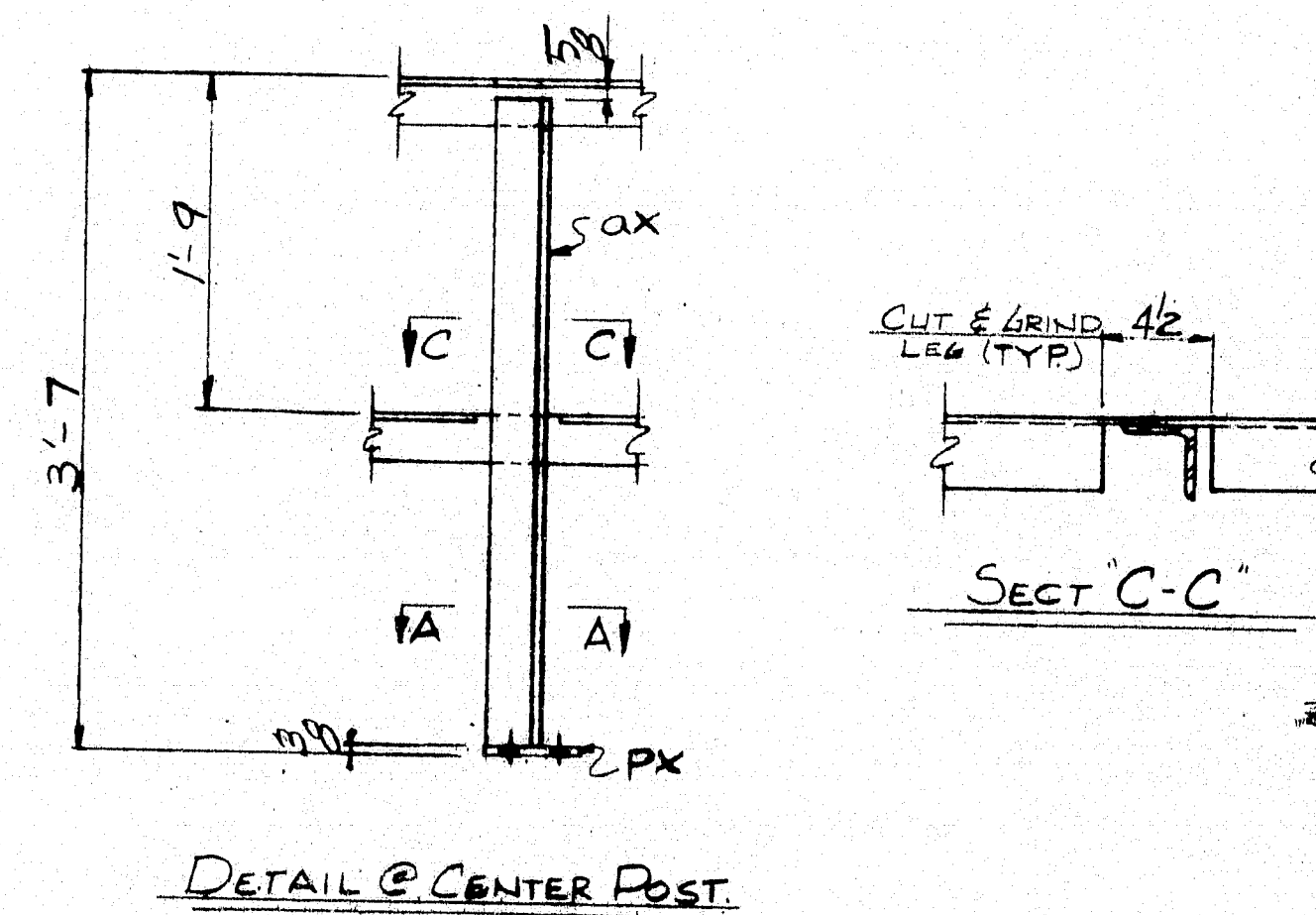


GA24-8 REQ'D

SECT D-D (TYP)



DETAIL @ CENTER POST



MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS	SUB. ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A24	1	ASSEMBLY	24 L4	23'-8 1/2"			(1808)	
			1 b24 WG X 20	24'-4 3/8"	24182	1 45 0	capto	488
			1 b24 DO	24'-4 3/8"	1 45 0	capto		488

GRATING 001 ELECTROFORCED (CL 3A-1A)
8 GA24 (001) 1/4 x 3/4 3'-0" 9010AL W/KEY 2 ENDS. 504

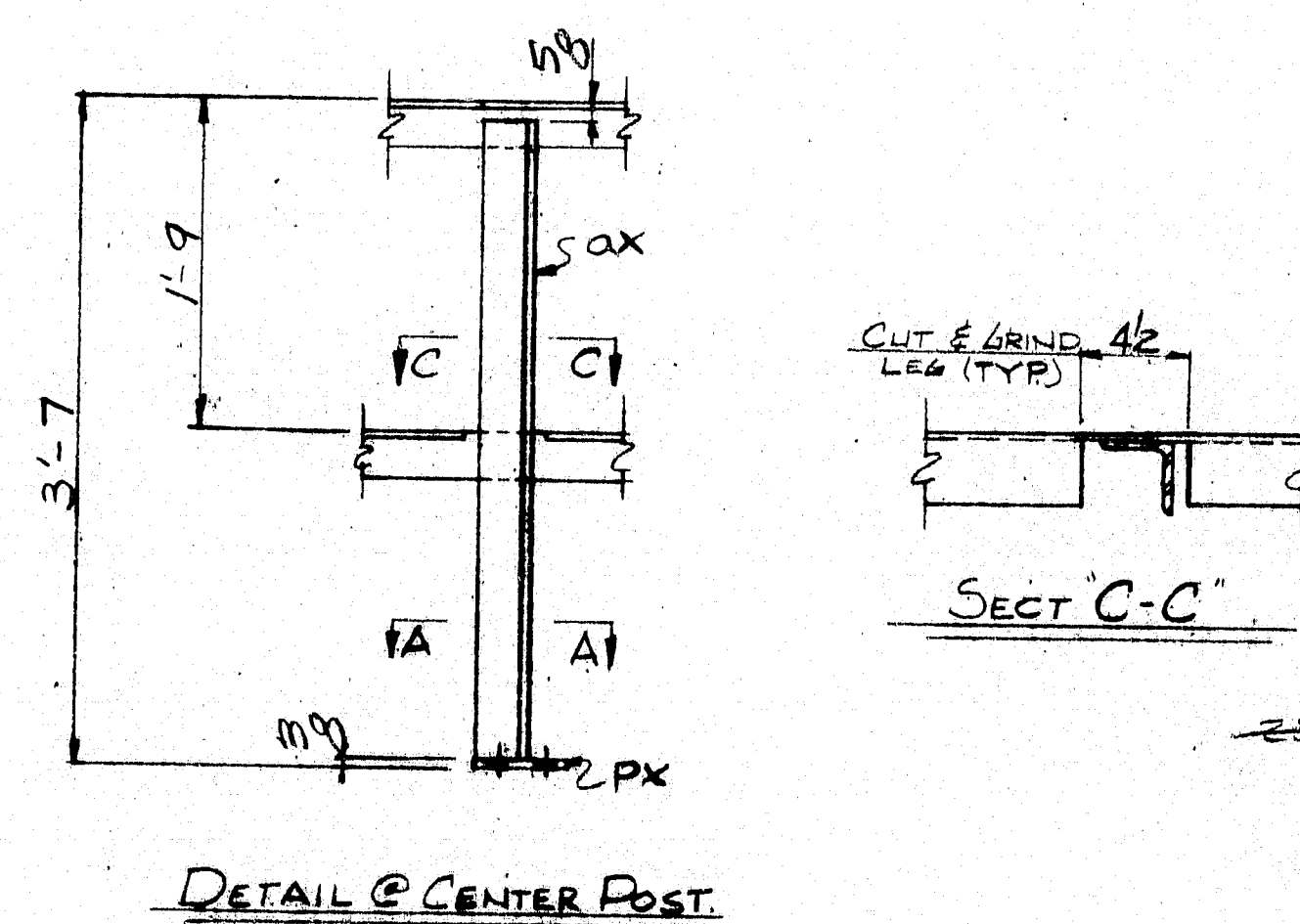
5 ax	4 3 x 3 x 4	3 6	24182	86
1 ax	DO	23 8		116
1 ax	DO	23 8		116

5 px 1/2 x 3 0 6 10 10

"C" ~ FC-12F-03P A; FC-12F-04P A; SM-2F-01P

PRINT DISTRIBUTION		MATERIAL ASTM-A588		TOTAL WEIGHT 1808	
BOLTS 1/2 GALV A325 TYPE 1		HOLES 1/2" L.I.N.		ELECTRODE SEE PROC.	
SURFACE PREP SPG		PRIMER NONE		REF. DWG.	
FINISH FEB 23 1985		RJ #I-14-395-B(02)176		BID ITEM 504-7002	
MAINE-CASCADE IRON WORKS BAKER STREET, CLINTON, MAINE 04927 PHONE 207-426-2671					
DESCRIPTION CATWALK DETAILS - LONGITUDINAL					
PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER					
LOCATION BANGOR/BREWER, ME					
DESIGNER MAINE DOT					
CUSTOMER GIABRO CORP					
JOB NO. 84-544-2		DWG. NO. 24		REV. Δ	

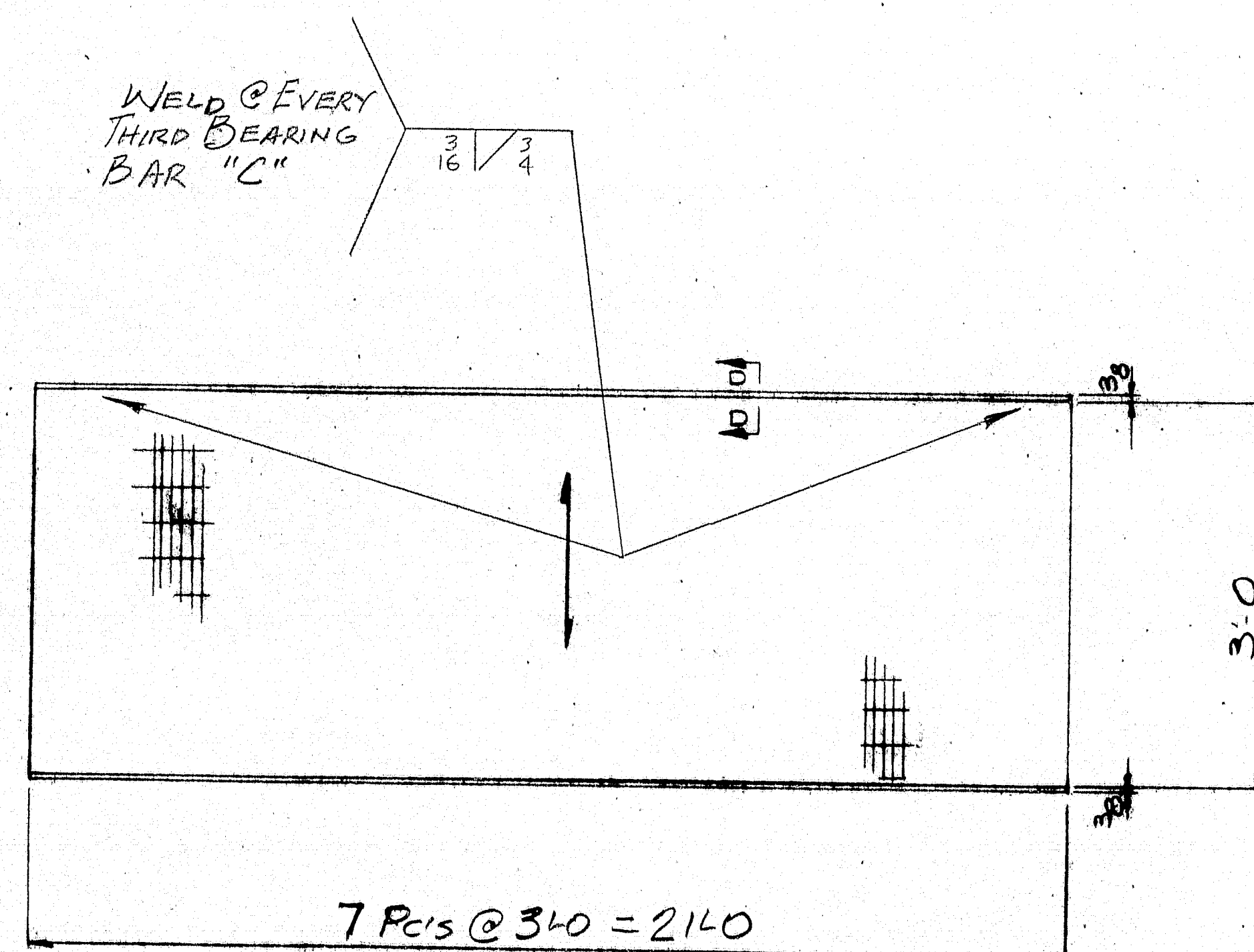
R90-341



R90-342

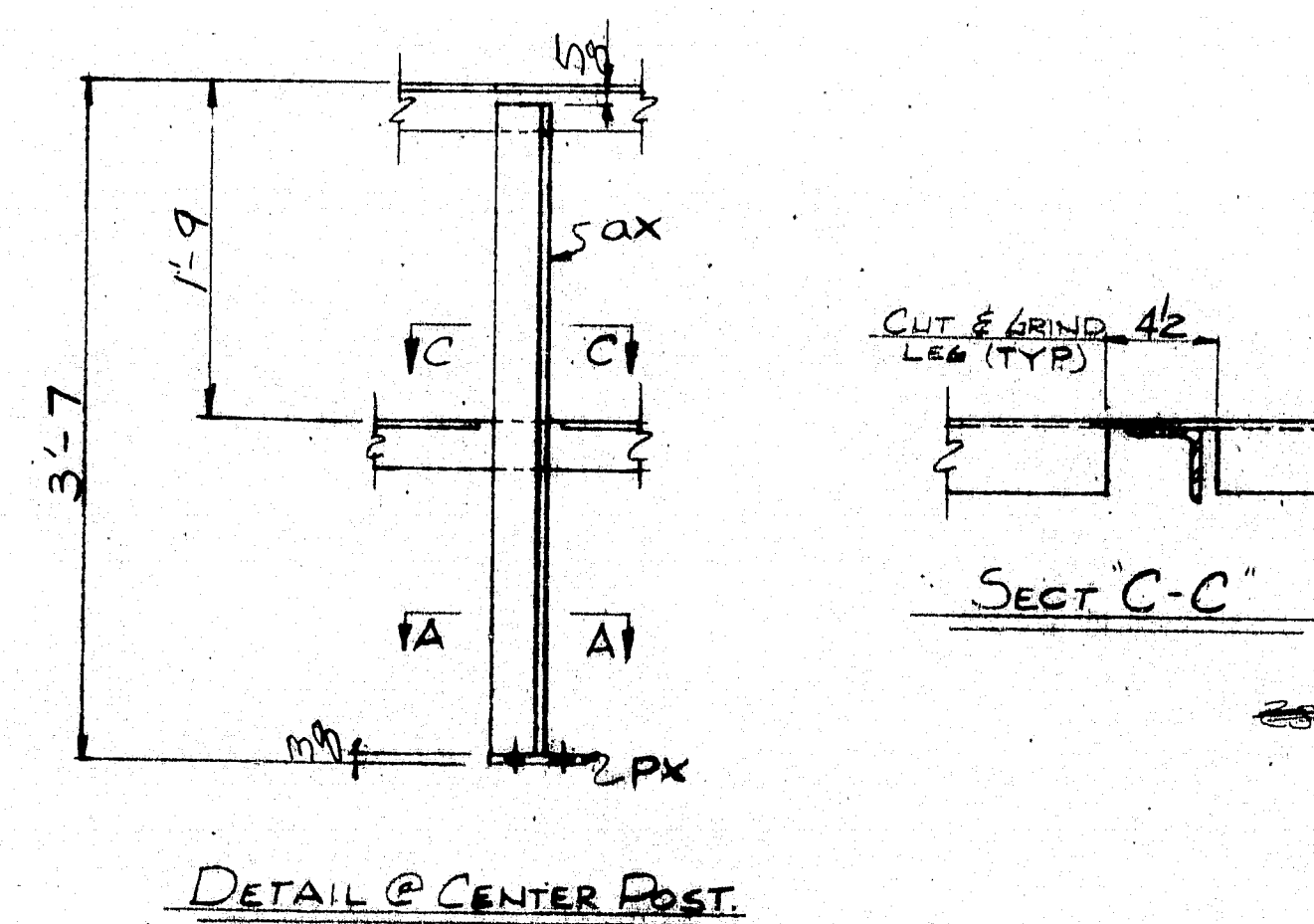
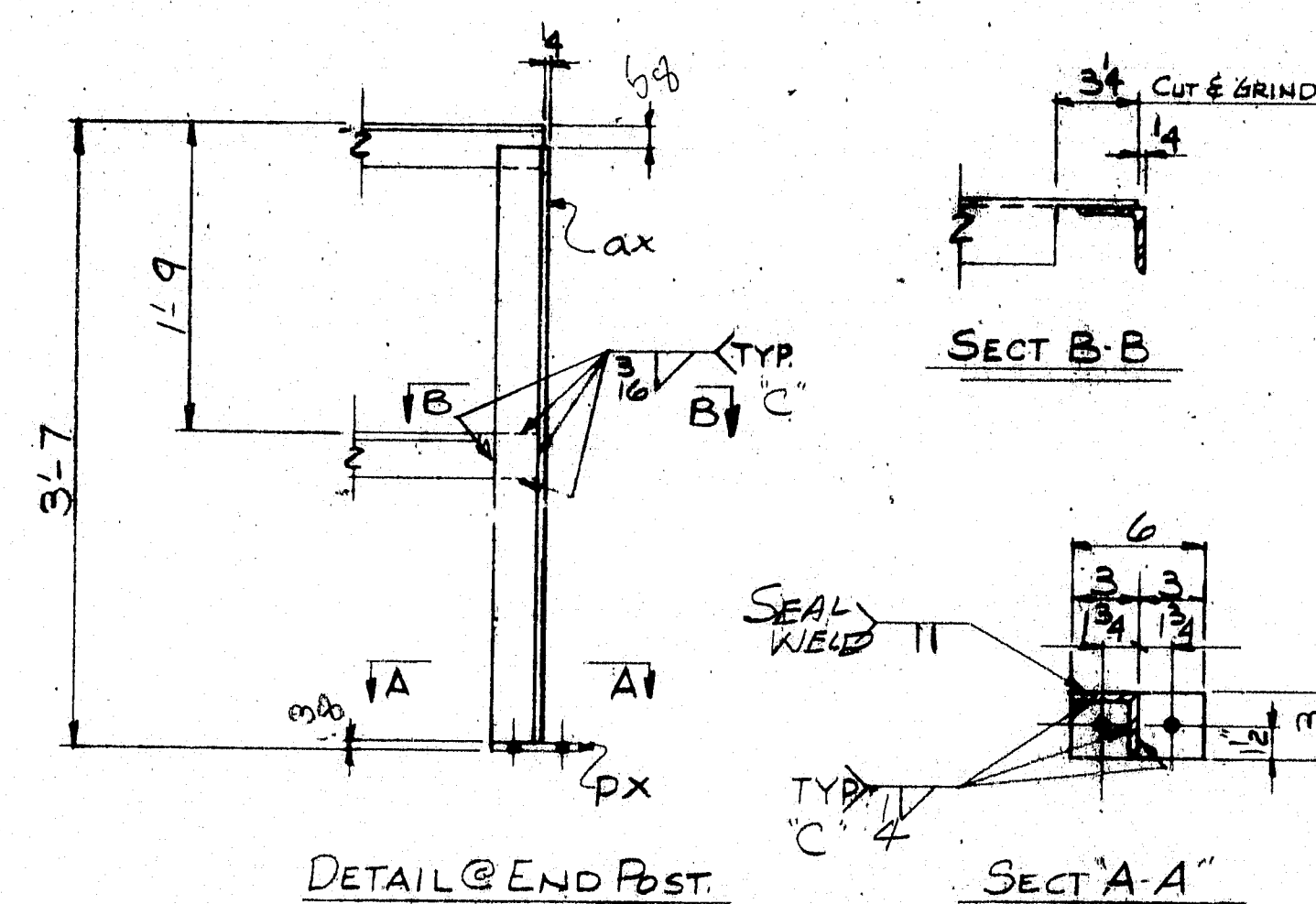
R90-343
~~352~~

MATERIAL SCHEDULE												
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM			REMARKS	WT.	
				FT.	IN.		NO.	FT.	IN.			
A27			ASSEMBLY	21	24					(K92)	—	
	1	6a27	W 6 X 20	21	36	24182					42/2	
	1	6b27	DO	21	44	5			cut already	3/2	42/2	
	7	GA27 (ARM)	1 x 4 x 3/8	3	0	7004			W/KEY & 2 ENDS		44/2	
	5	ax	3 x 3 x 4	3	6	24182					8/6	
	1	aa27	DO	20	72						10/1	
	1	ab27	DO	20	72						10/1	
	5	px	2 3/8 x 3	0	6	AN					10	
C ~ FC-12F-03PA, PC-12F-09PA, SM-2E-OIP												
PRINT DISTRIBUTION											TOTAL WEIGHT 1592	
FA 12-27-89				MATERIAL ASTM A588				HOLES 9" L.I.N.				
FA 2/25/89				BOLTS 2 GALV. A325 TYPE I				ELECTRODE SEE PROC				
SHOP 3-20				SURFACE PREP SP6				REF. DWG.				
SOLD 5-28-89				PRIMER NONE								
SHOP 4/12				FINISH				FEB 23 1985				
				P.N. I-16-395-B(32)176 BID ITEM 504-7002								
MAINE-CASCADE IRON WORKS												
BAKER STREET, CLINTON, MAINE 04927												
PHONE 207-428-2671												
DESCRIPTION CATWALK DETAILS - LONGITUDINAL												
PROJECT BRIDGE 1395 OVER BANGSCOTT RIVER												
LOCATION BANGOR/BREWSTER, ME												
DESIGNER MAINE DOT												
CUSTOMER CLAUDIO CORR												
JOB NO. 81-516-2 DWG. NO. 27 REV. 1												
REV. Δ DD 4/12												
CHK'D TK												
DRWN C.R.T.												



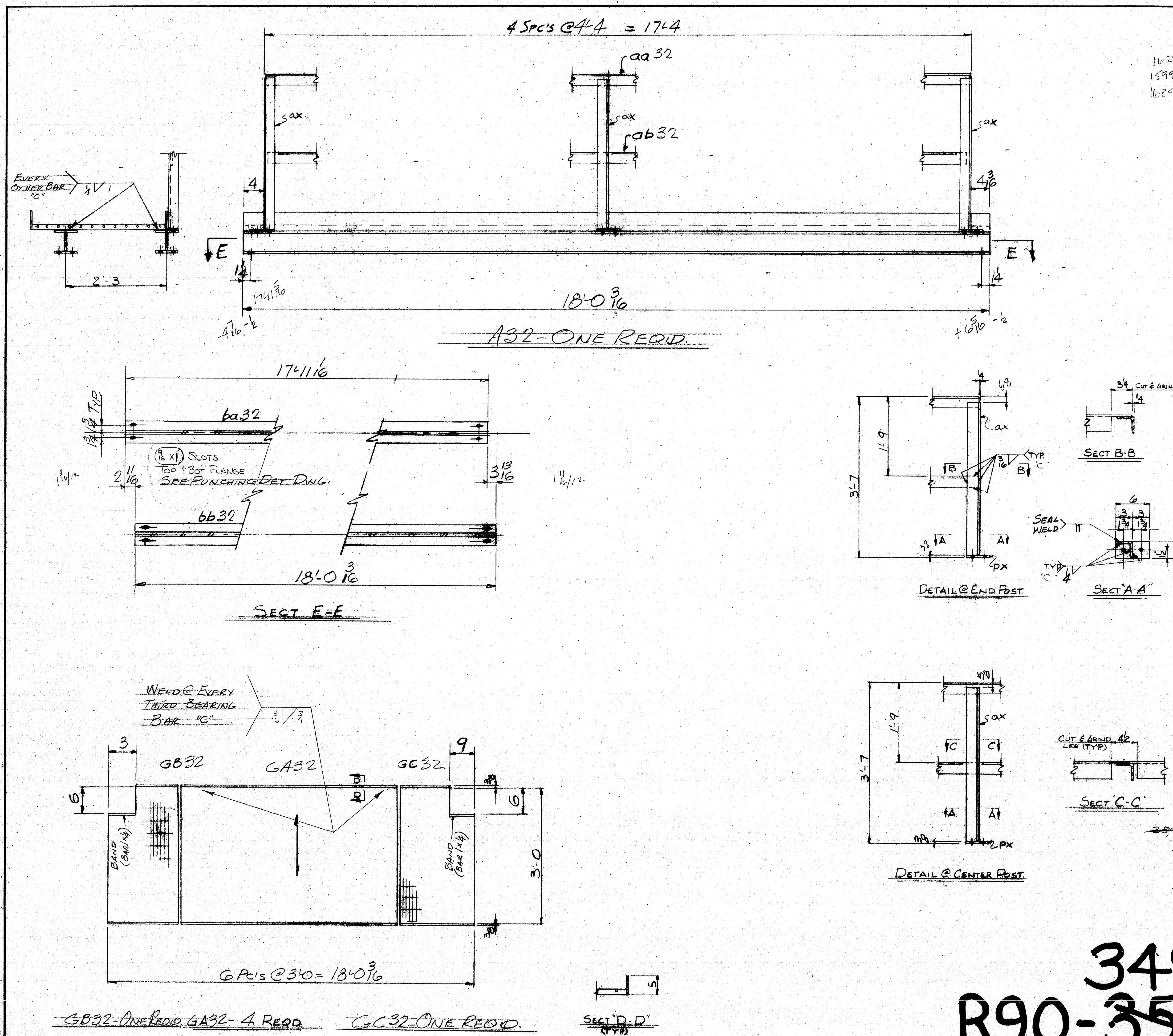
GA28- 7 REQD.

SECRET - D-D



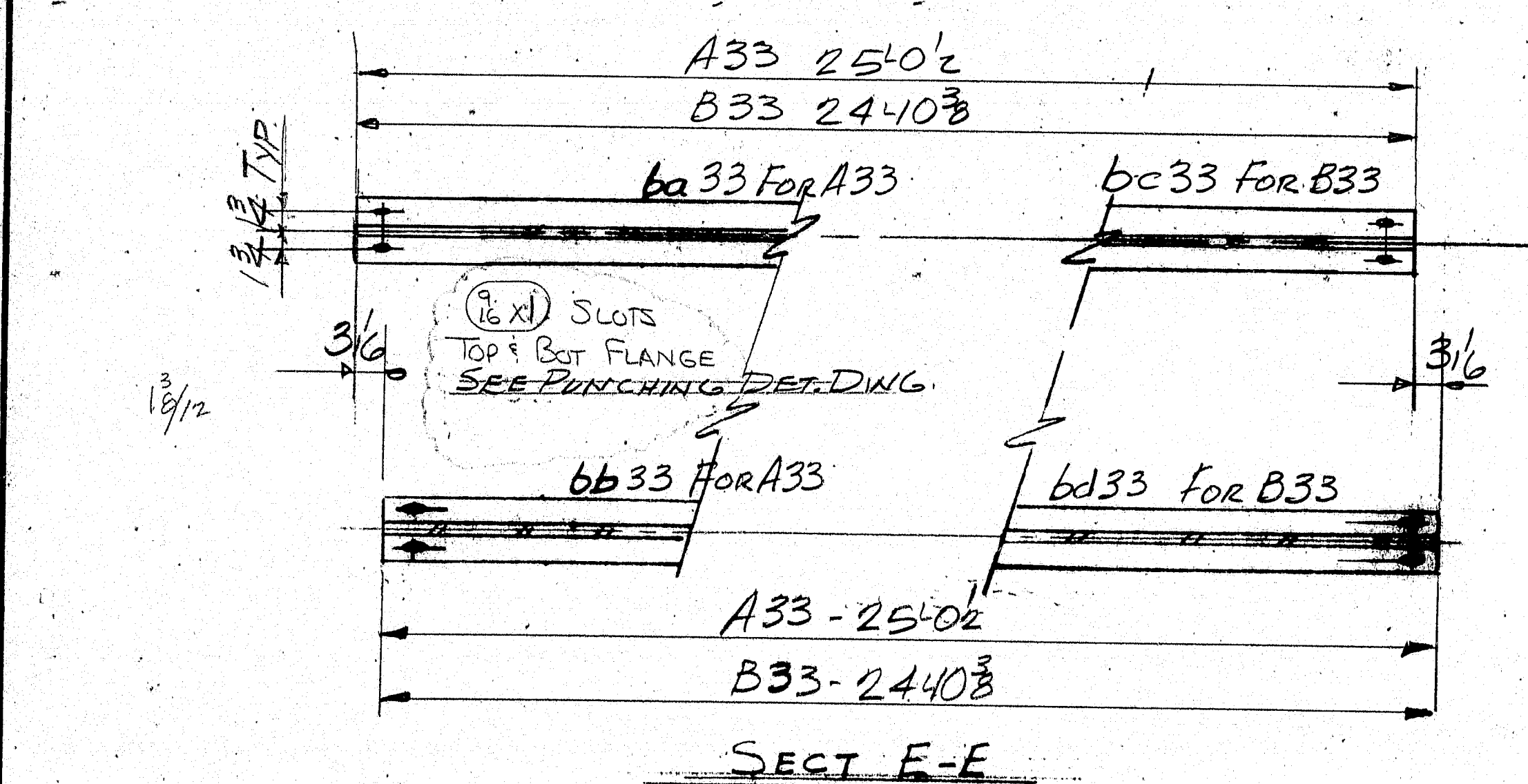
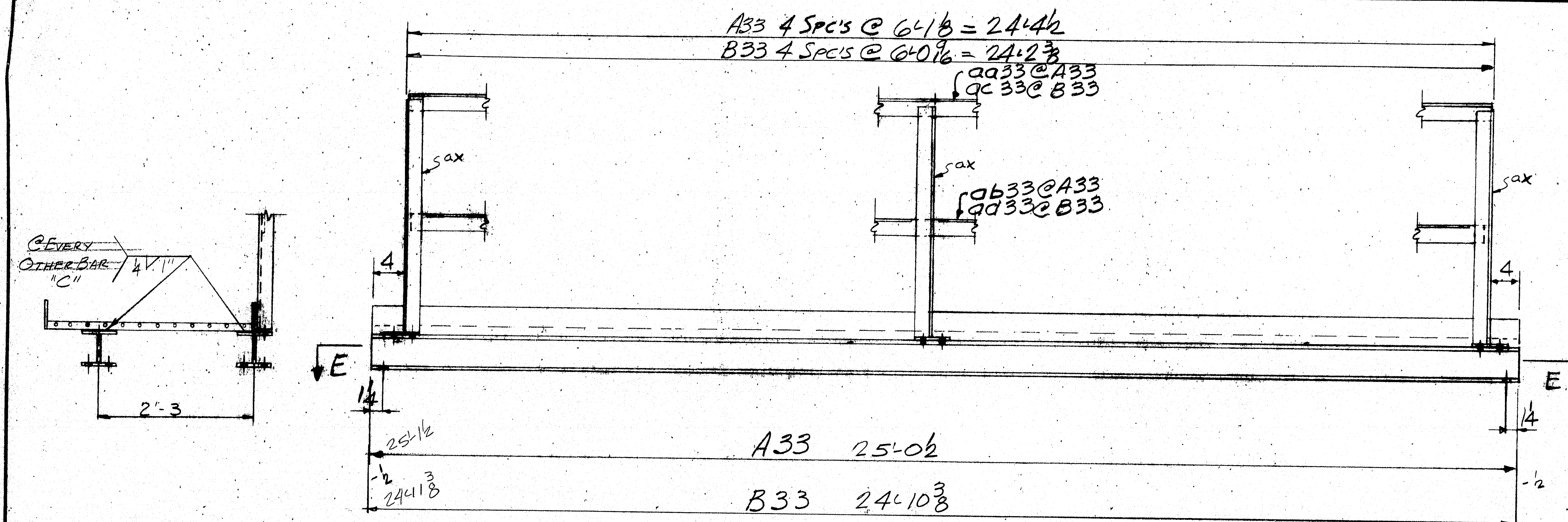
MATERIAL SCHEDULE											
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM			REMARKS	WT.
				FT.	IN.		NO.	FT.	IN.		
A28	1		ASSEMBLY	21	04					(1374)	
	1	6028	WG X 20	20	11 1/2					3/7	419
	1	6028	Do	21	04						420
GRATING DGI ELECTROPERMED (1/2 HS = 13)											
	7	GA28 (ASTM)	1/4 x 3/8	3	0					W/KEY PL. 2 ENDS	44
	5	ax	4 x 3 x 4	3	6						86
	1	6028	Do	20	32						99
	1	6028	Do	20	32						99
	5	px	12 3/8 x 3	0	6						10
C' ~ FC-12F-03PA, FC-12F-04PA, SM-2F-01P											
										TOTAL WEIGHT	1574
PRINT DISTRIBUTION		MATERIAL <u>ASTM-A588</u>						HOLES <u>9" L.I.N.</u>			
FA 12-27-84		BOLTS <u>3" GALV. A325 TYPE I</u>						ELECTRODE <u>SPE PROC.</u>			
FA 2/25/85		SURFACE PREP <u>SPG</u>						REF. DWG.			
SHOP 3-		PRIMER <u>NONE</u>									
FIELD 3-28-85		FINISH									
SHOP 4		R.N. *I-1A-395-B(02)176 BID ITEM 504-7002									
MAINE-CASCADE IRON WORKS BAKER STREET, CLINTON, MAINE 04927 FEB 23 1985 PHONE 207-426-2671 DEC 26 1984											
DESCRIPTION <u>CATWALK DETAILS - LONGITUDINAL</u>											
PROJECT <u>BRIDGE 1395 OVER BENDSCOTT RIVER</u>											
LOCATION <u>BANGOR/BREWER, ME</u>											
DESIGNER <u>MAINE DOT</u>											
CUSTOMER <u>CLANDER CORP</u>											
JOB NO. <u>84-546-2</u>		DWG. NO. <u>28</u>		REV.							
DWN C.B.T.											

R90-346

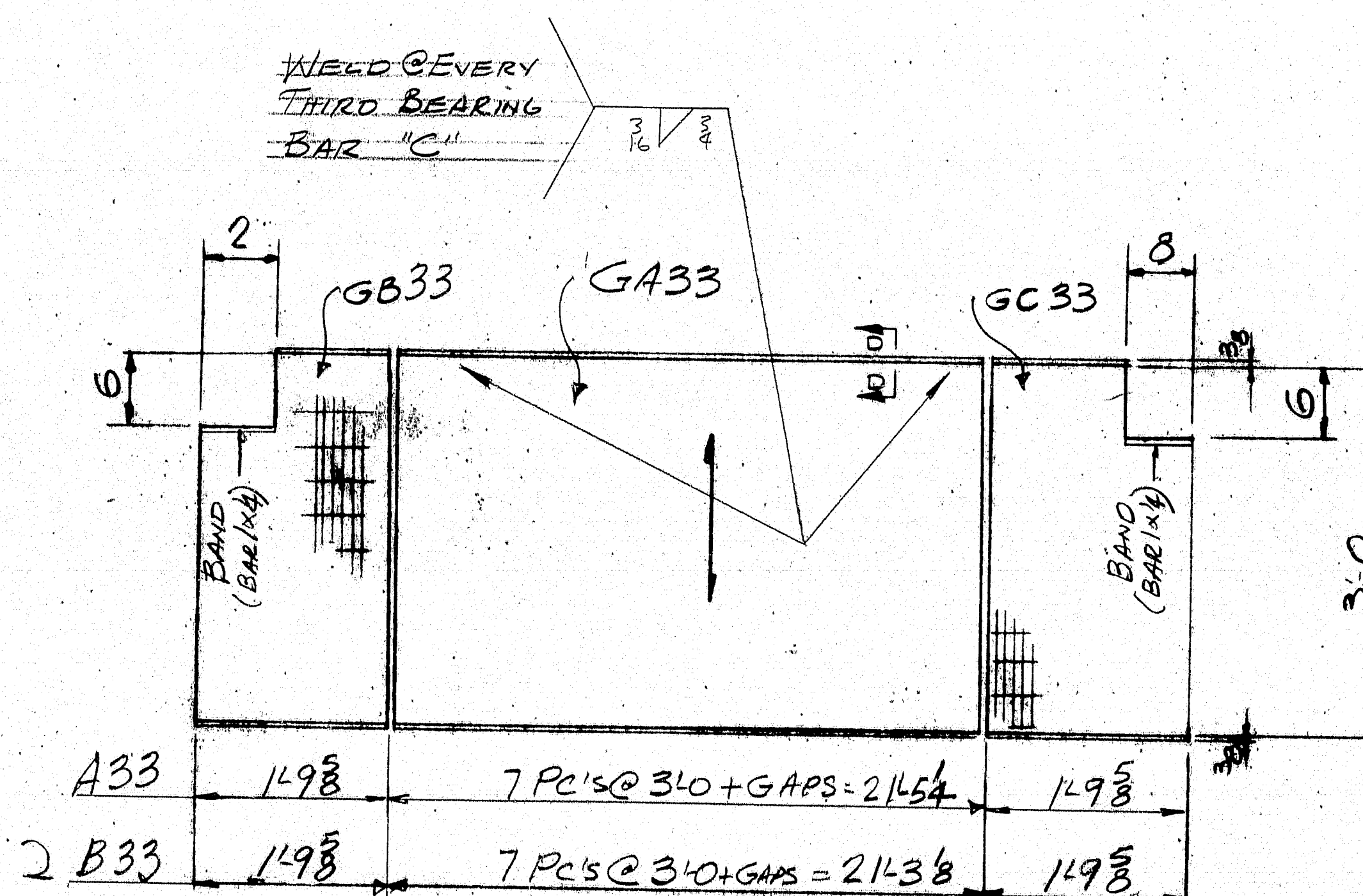
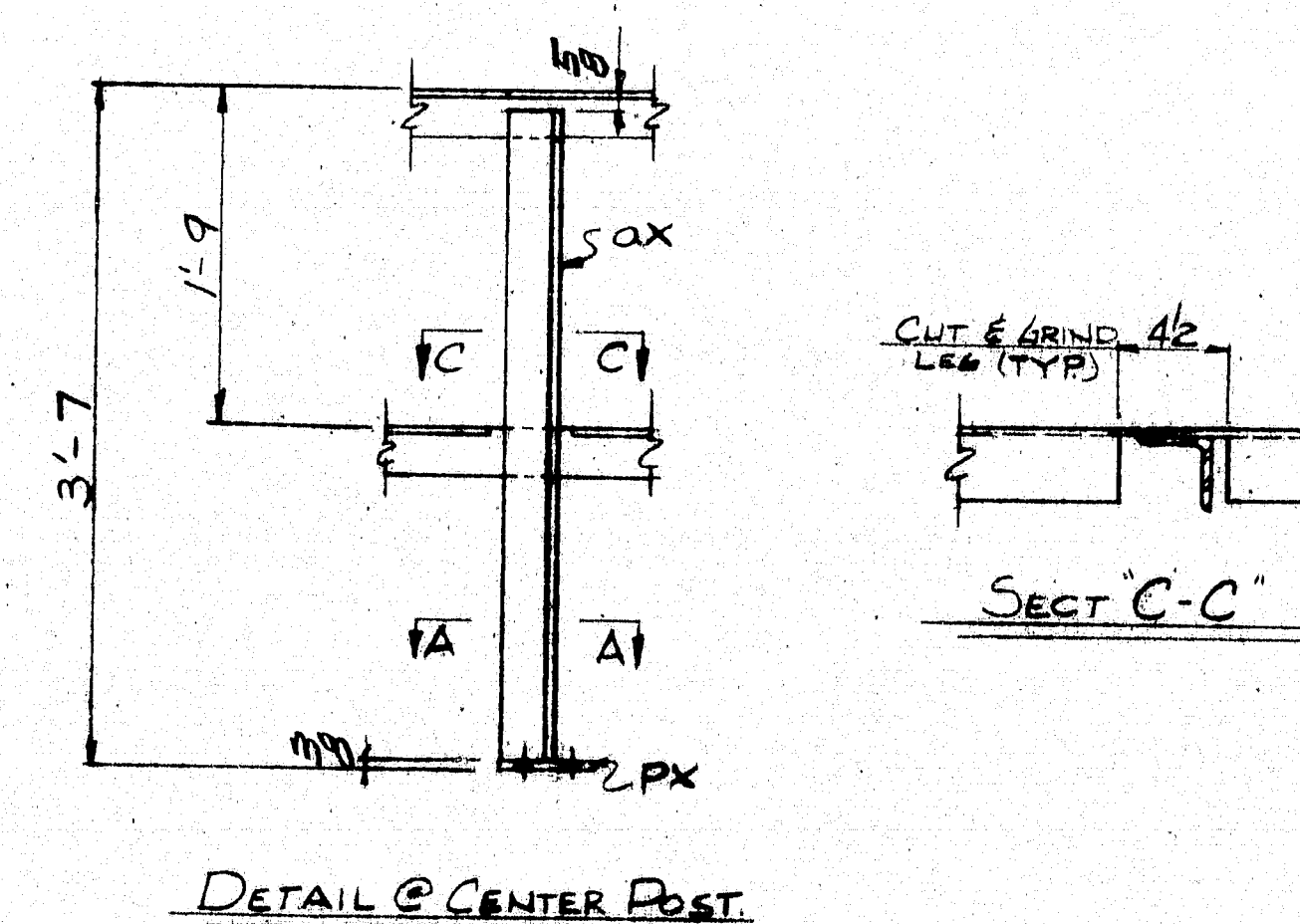
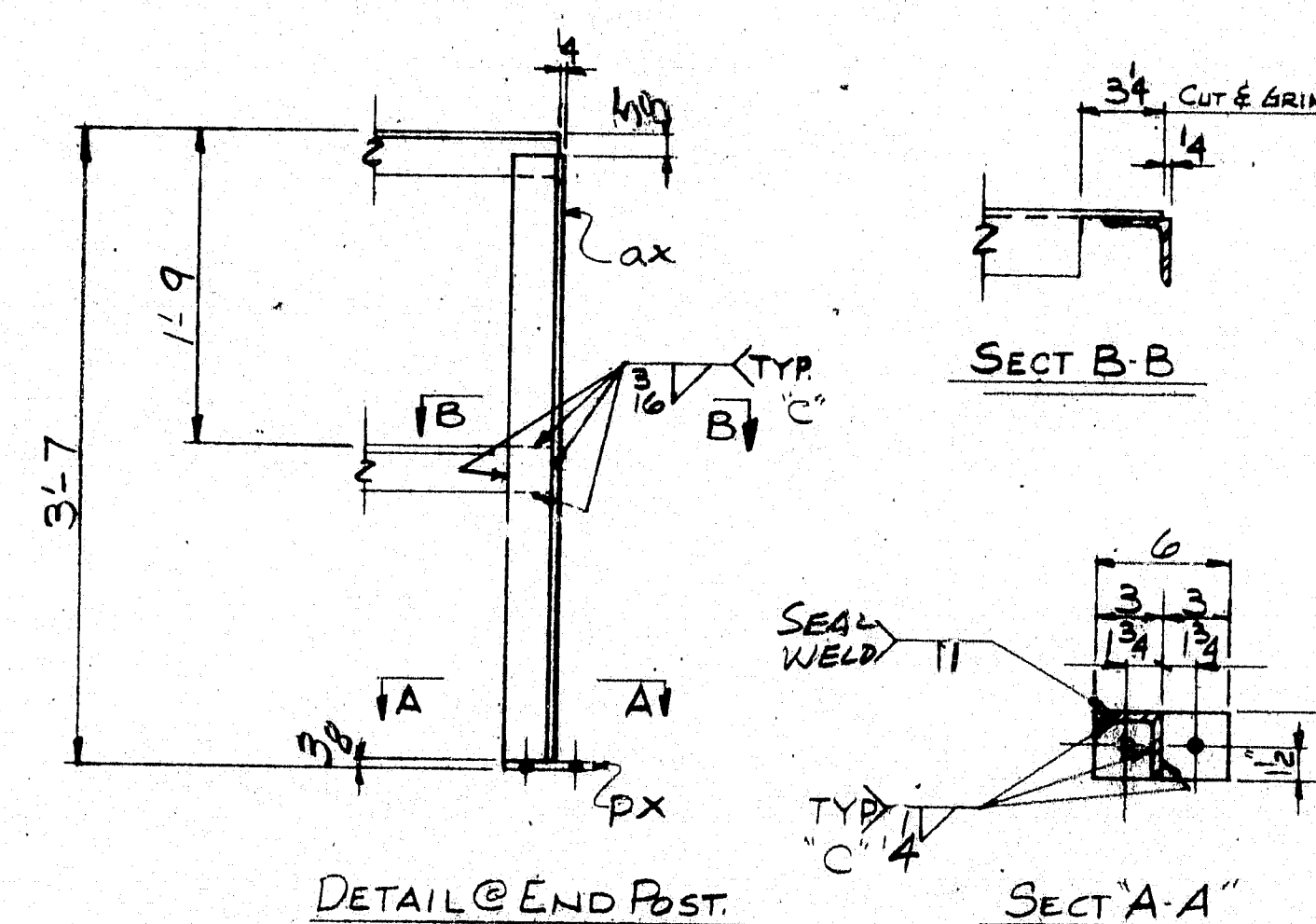


MATERIAL SCHEDULE											
SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM			REMARKS	WT.
				FT.	IN.		NO.	FT.	IN.		
A32	1		ASSEMBLY	18	0 3/16					(1362)	—

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R90-358



A33 - ONE REQ'D
B33 - 2 REQ'D



GB33 - 3 REQ'D GA33 - 2 REQ'D GC33 - 3 REQ'D

SECT D-D

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS	SUB-ASSEMBLY	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A33	1	ASSEMBLY	2502				(1847)	—
B33	2	DO	24108				(1847)	—
15998								
16037								
16044								
16248								
16249								
1	ba33	WG X 20	2502	1	45	D	adapt to A9 7/31/9	501
1	bb33	DO	2502	1	45	O	bb33	501
2	bc33	DO	24108	2	45	O	bc33	995
2	bd33	DO	24108	2	45	O	bd33	995

GRATING OGI ELECTROFORCED (2 B3 + 13)

21	GA33	4x4x3/16	3	0	90104	W/KEY @ ENDS	1323
3	GB33	DO x 21/8	3	0		DO	114
3	GC33	DO x 21/8	3	0		DO	114

15	ax	3x3x4	3	6	24182		257
1	aa33	DO	24	4			119
1	ab33	DO	24	4			119
2	ac33	DO	24	18			237
2	ad33	DO	24	18			237

15	px	R38x3	0	6	144		29
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"C" ~ FC-12F-03P Δ FC-12F-04P Δ SM-2F-01P

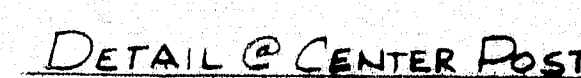
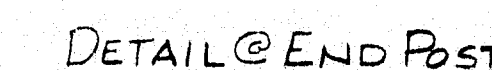
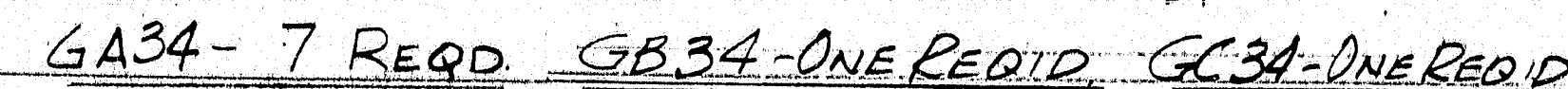
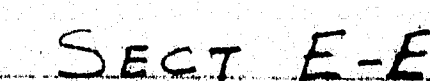
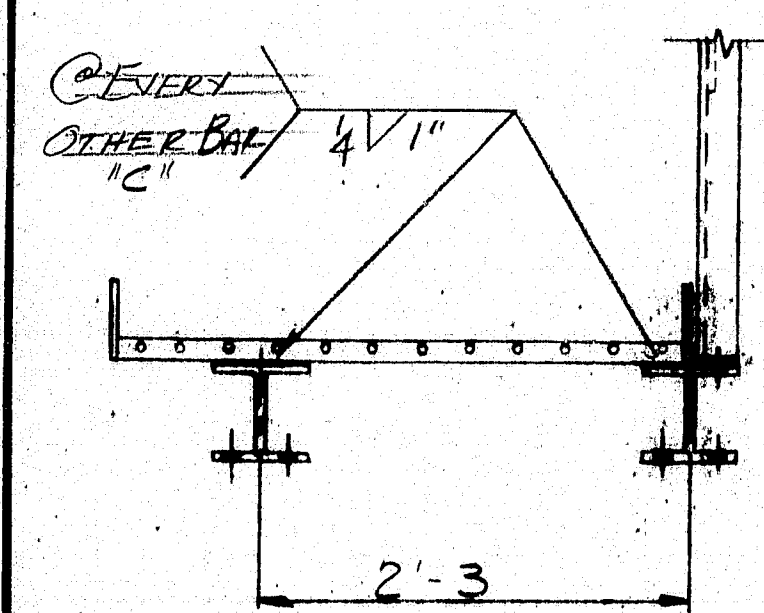
PRINT DISTRIBUTION	MATERIAL	ASTM-A588	HOLES	1/2" L.N.
BOLTS	2 GALV A325 TYPE I	ELECTRODE	SEE DET.	
SURFACE PREP	SPG	REF. DWG.		
PRIMER	NONE	FEB 23 1995		
FINISH				
REV. A	12-27-84			
CHK'D	2/2/85			
DW'N	3-28-85			
	3-28-85			
	4/1			

MAINE-CASCADE IRON WORKS

BAKER STREET, CLINTON, MAINE 04927
PHONE 207-426-2671

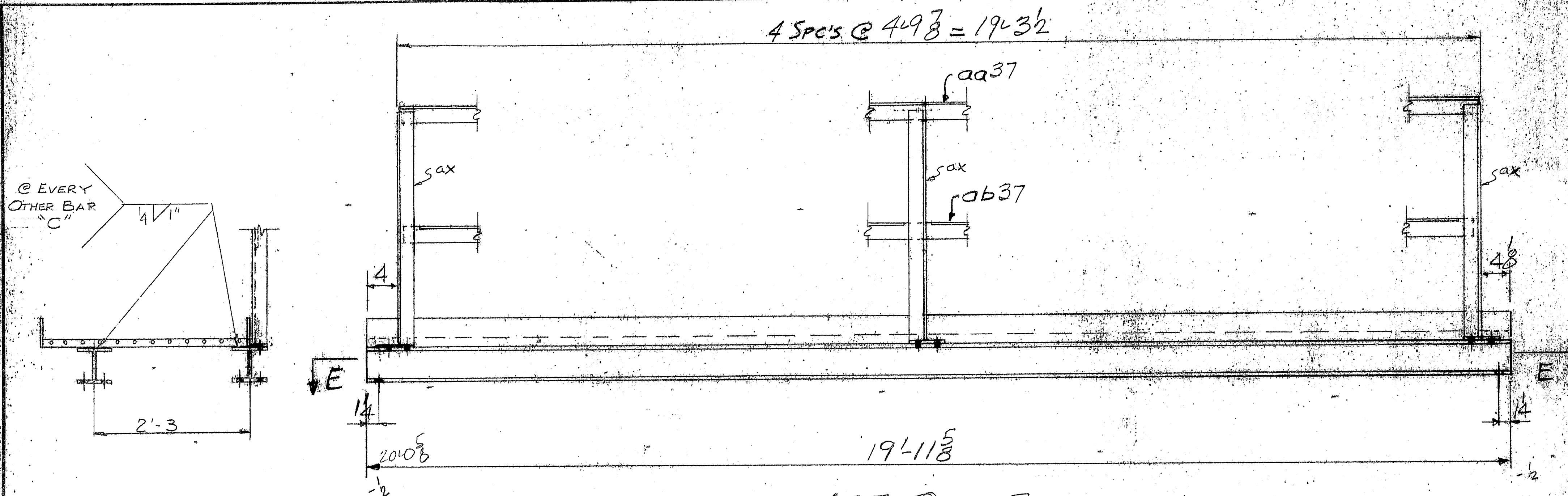
DESCRIPTION	CATWALK DETAILS - LONGITUDINAL
PROJECT	BRIDGE 1395 OVER ANDROSCHOTT RIVER
LOCATION	BANGOR/BREWSTER, ME
DESIGNER	MAINE DOT
CUSTOMER	CLANBRO CORP.
JOB NO.	84-546-2
DWG. NO.	33
REV.	A

R90-350

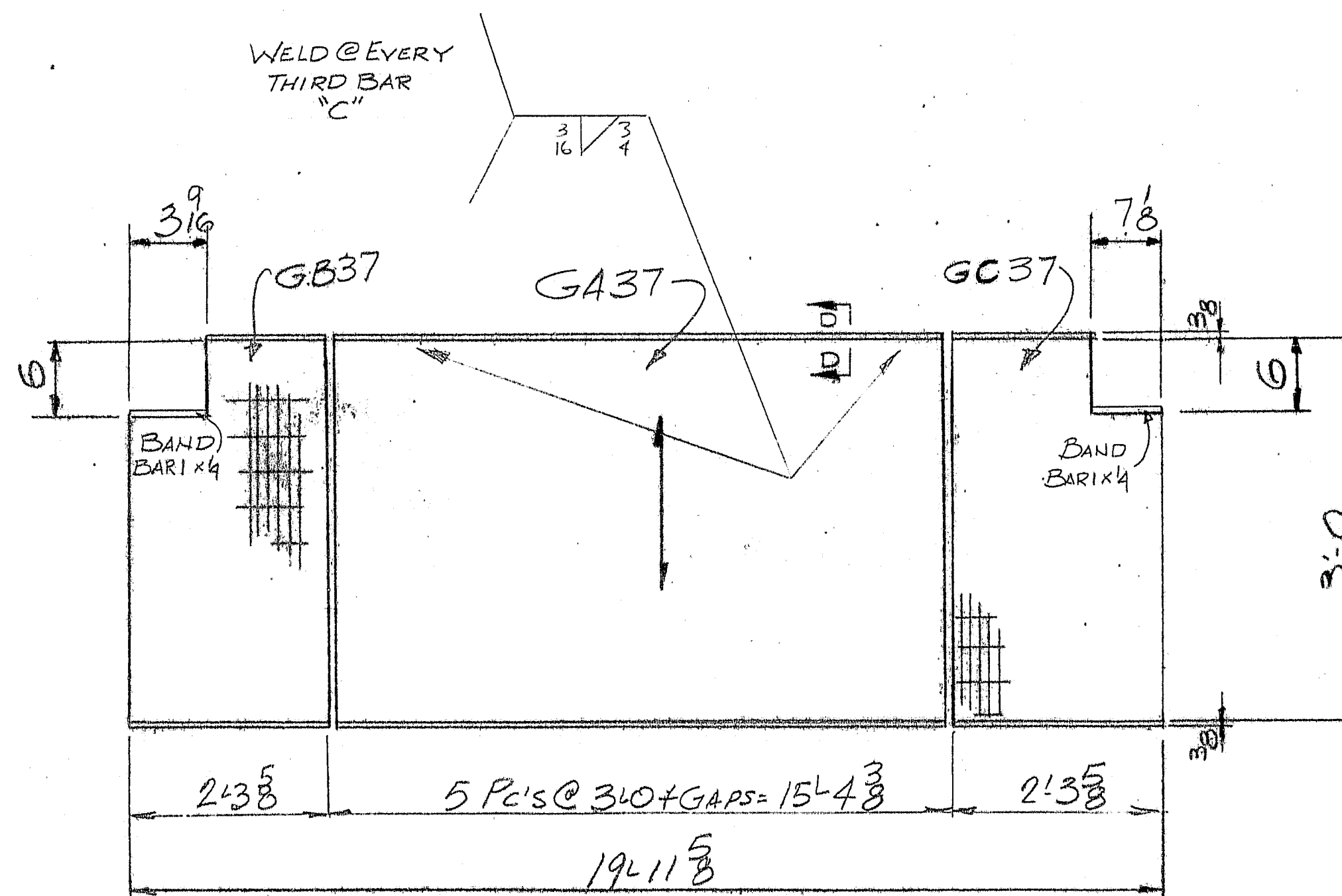
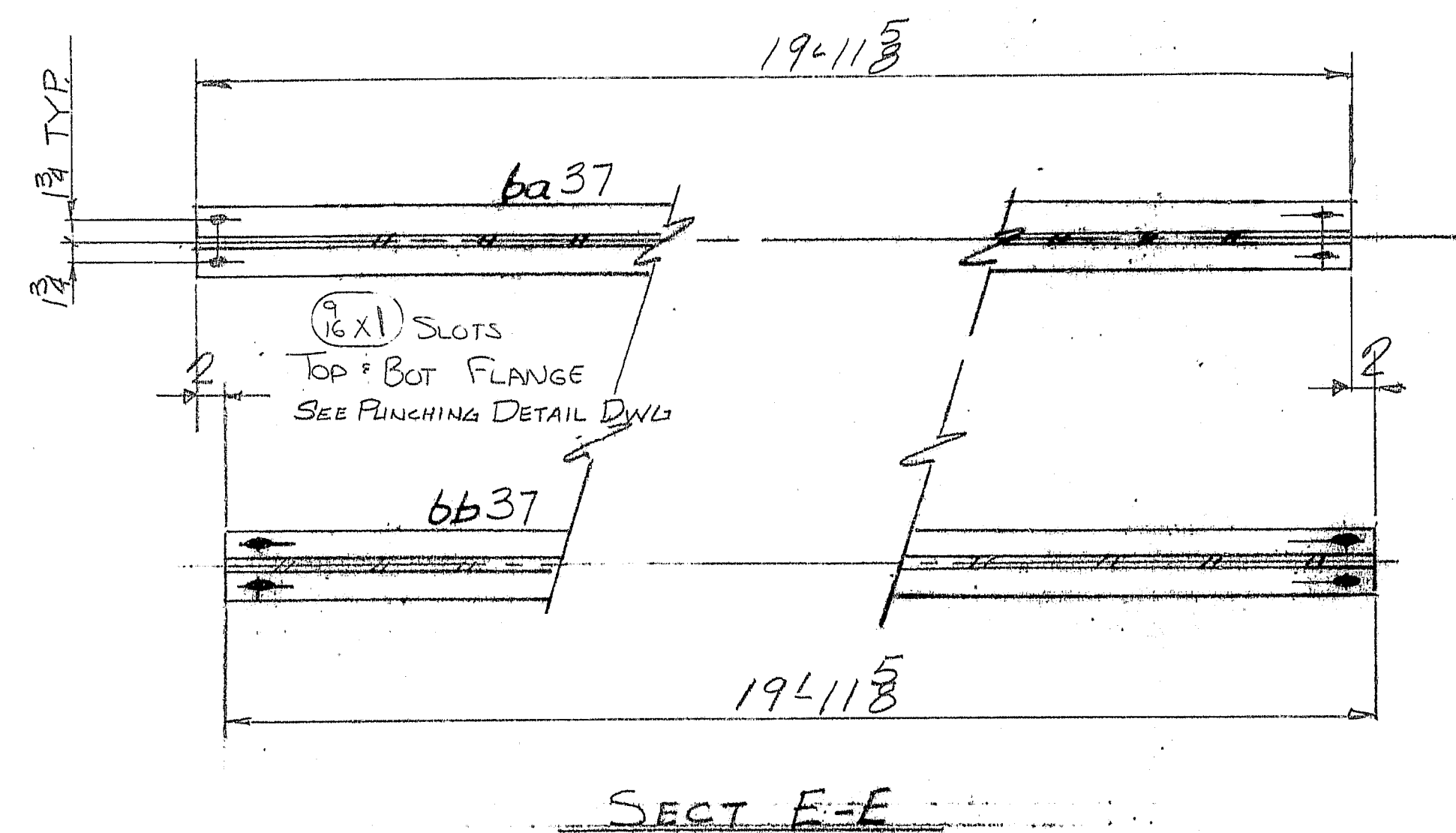


R90-351

R90-352
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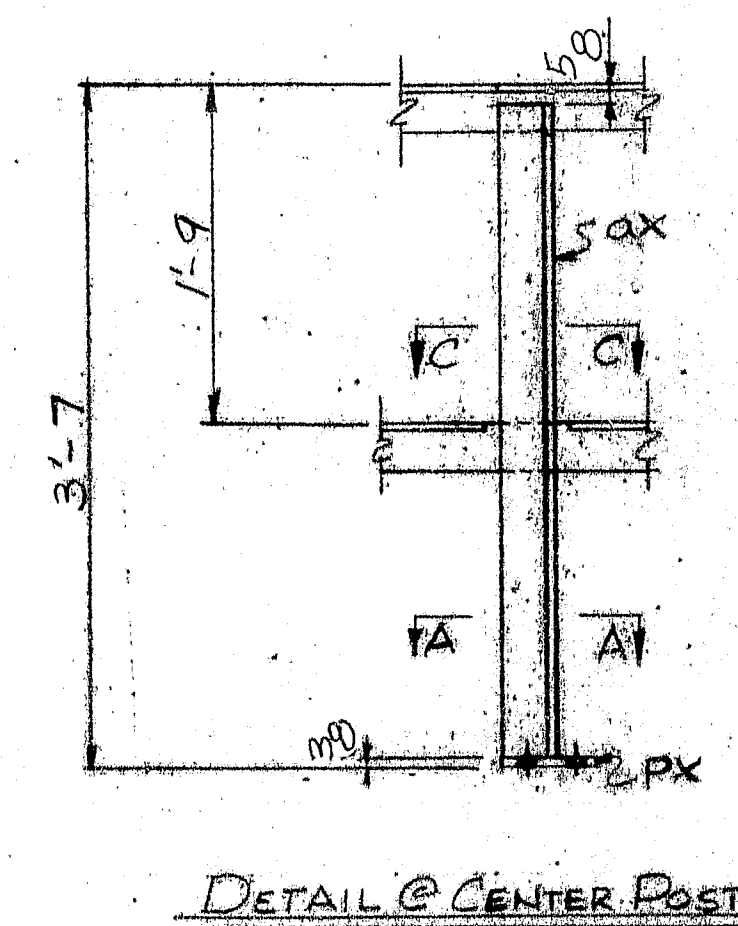
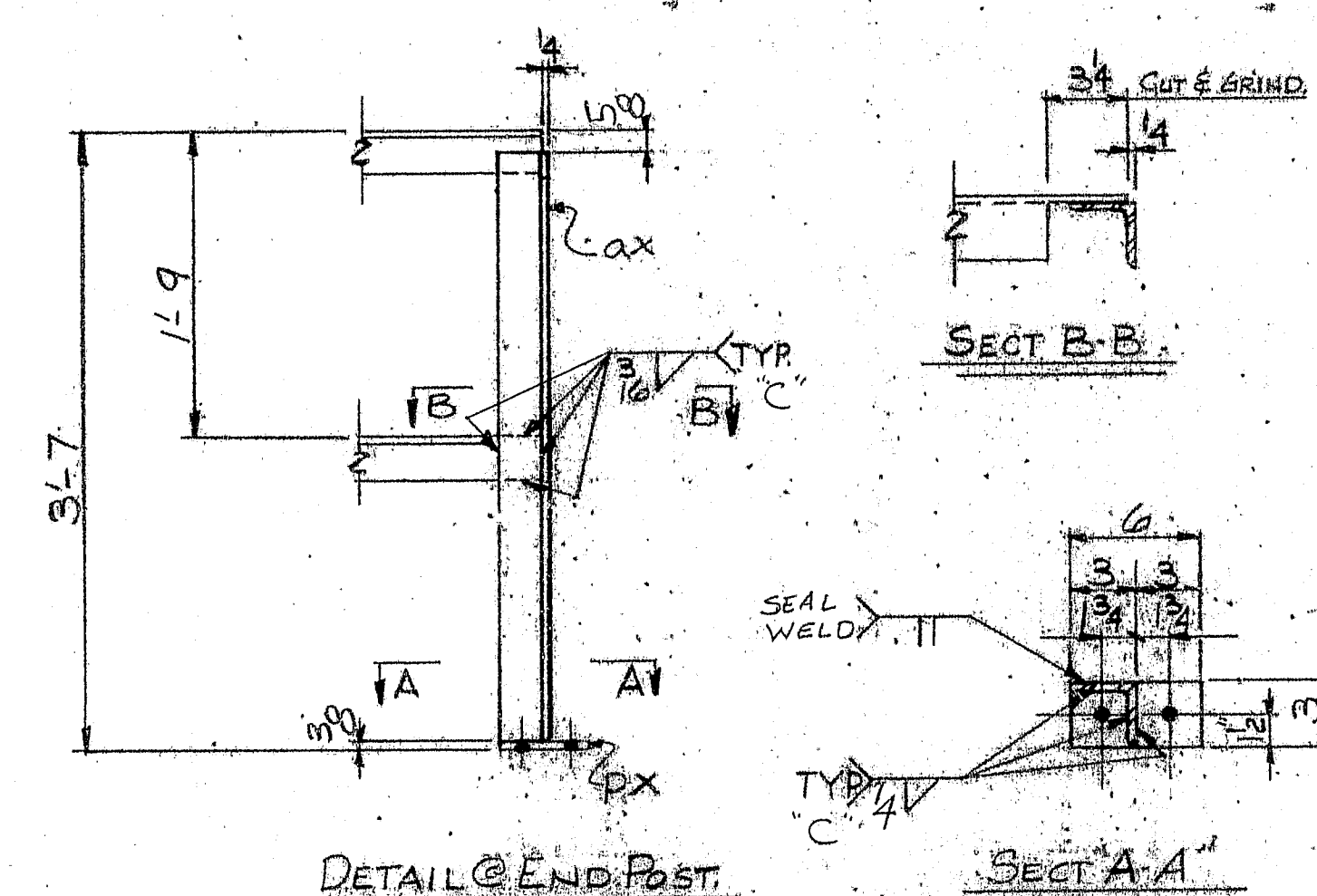


A37-ONE REQ'D.



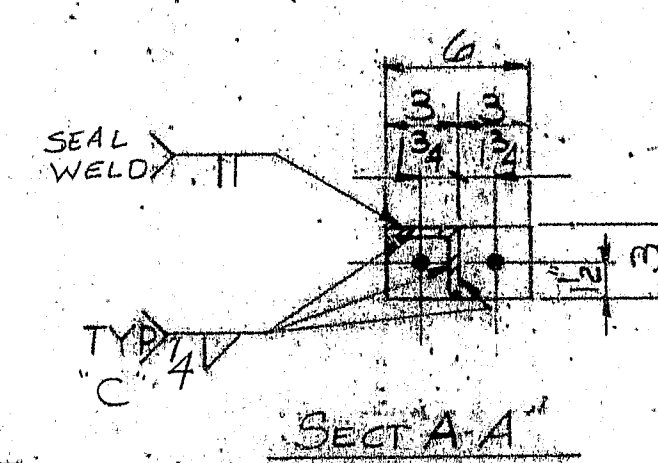
GB37-ONE REQ'D. GA37- 5 REQ'D. GC37-ONE REQ'D.

SECT 'D-D'
(TYP)



3/4\"/>

SECT B-B



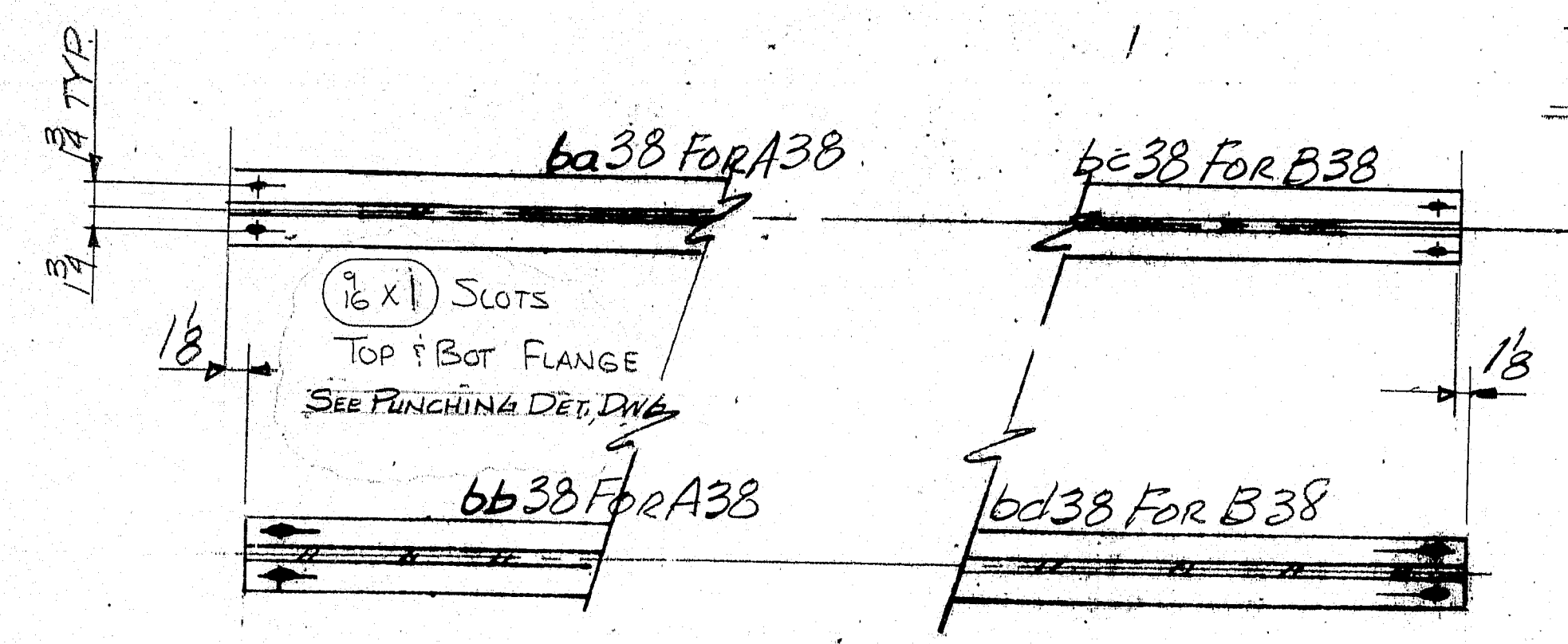
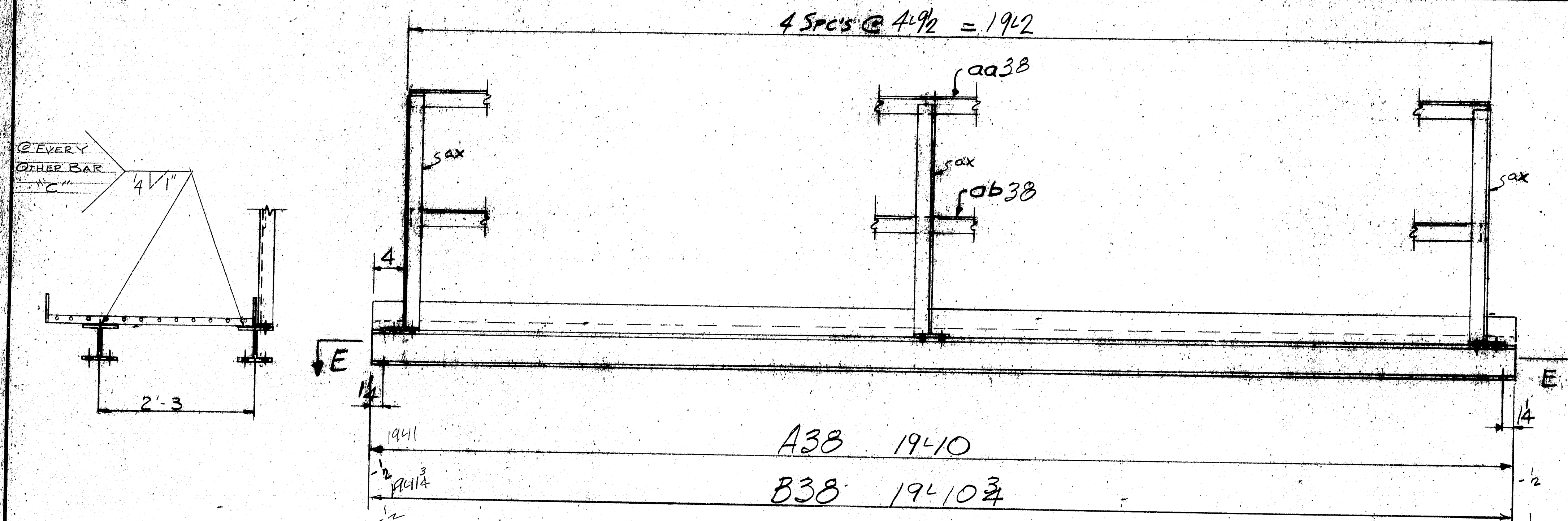
3/4\"/>

SECT C-C

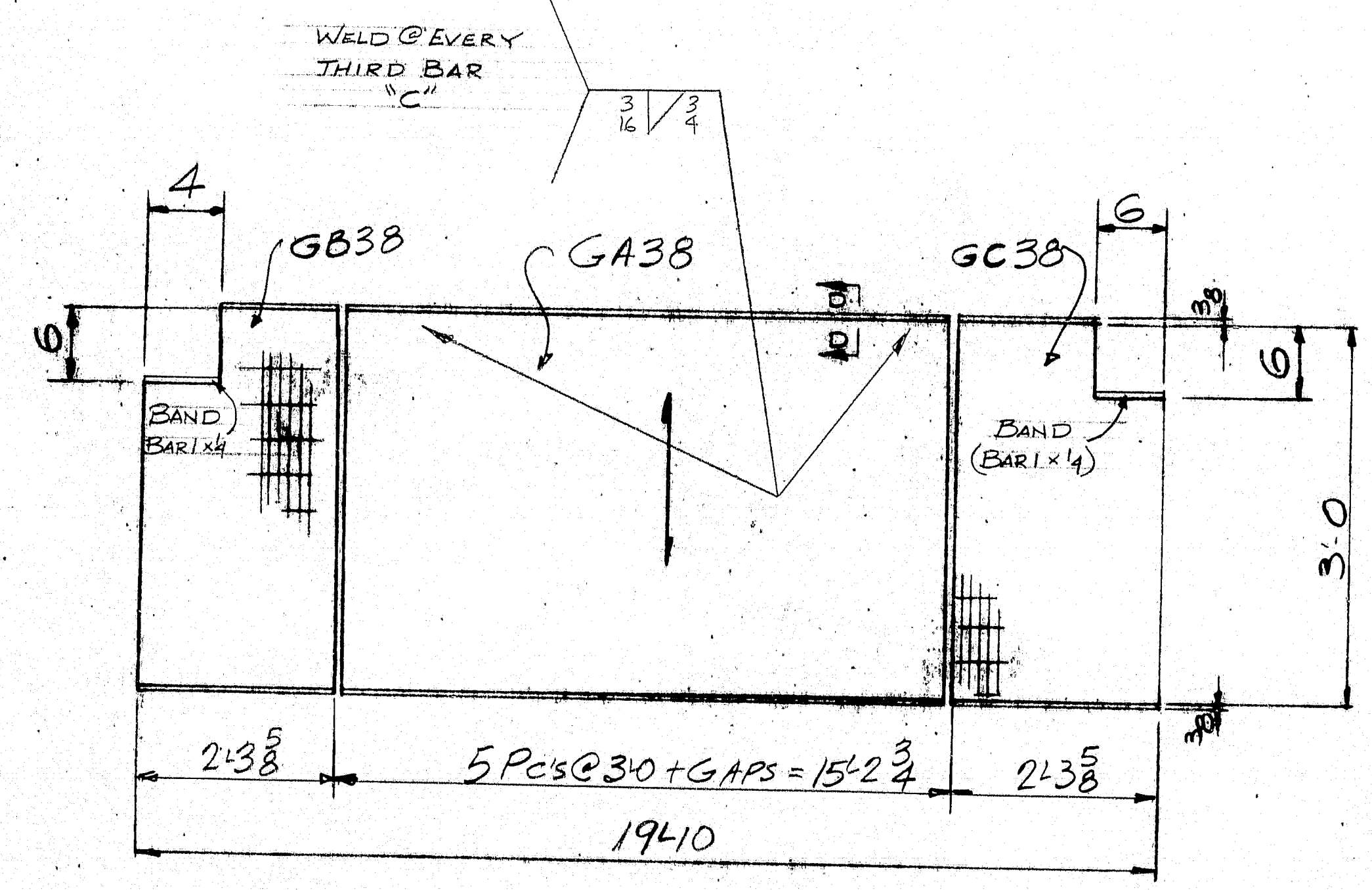
MATERIAL SCHEDULE

SHIPPING MARK	NO.	SUB ASSM.	SHAPE	LENGTH	QTY	OUTER DIM.	REMARKS	WT.
A37	1		Assembly	19' 11 5/8"				179.3
1	aa37		NG X 20	19' 11 5/8"	2480	1/2"		399
1	bb37		Do	19' 11 5/8"	2480	1/2"		399
GRATING GATE ELECTRO-PAINTED (CASE 3)								
5	GA37		X 4 X 36	3	0	1/2"	WORK & BENDS	2
1	GB37		X X 27 1/2	3	0	1/2"	Do	2
1	GC37		X X 27 1/2	3	0	1/2"	Do	2
5	px		4 1/2 X 3 X 1/4	3	6	2480		10
1	aa37		Do	19	3	2480		9
1	bb37		Do	19	3	2480		9
5	px		4 1/2 X 3 X 1/4	3	6	2480		10
1	aa37		Do	19	3	2480		9
1	bb37		Do	19	3	2480		9
C ~ FC-12E-03PA, FC-12E-04FA, SA-2E-01P								
TOTAL WEIGHT								179.3
PRINT DISTRIBUTION								
MATERIAL: ASTM A588								HOLES: 1/2" UN
BOLTS: 1/2" UNLV A325 TYPE 7								ELECTRODE: SEE PROC
SURFACE PREP: SD6								REF. DWG.
PRIMER: NONE								
FINISH: PU-114-345-B (20) 176								BID ITEM 504-1002
MAINE-CASCADE IRON WORKS								
BAKER STREET, CLINTON, MAINE 04927								
PHONE 207-426-2871								
DESCRIPTION: CATWALK DETAILS - LONGITUDINAL								
PROJECT: BRIDGE 1395 OVER PINEBROOK RIVER								
LOCATION: BANGOR/BREWSTER, ME								
DESIGNER: MAINE DOT								
CUSTOMER: CHANBRO CORP								
JOB NO. 84-546-2								
DWG. NO. 37								

354
R90-363

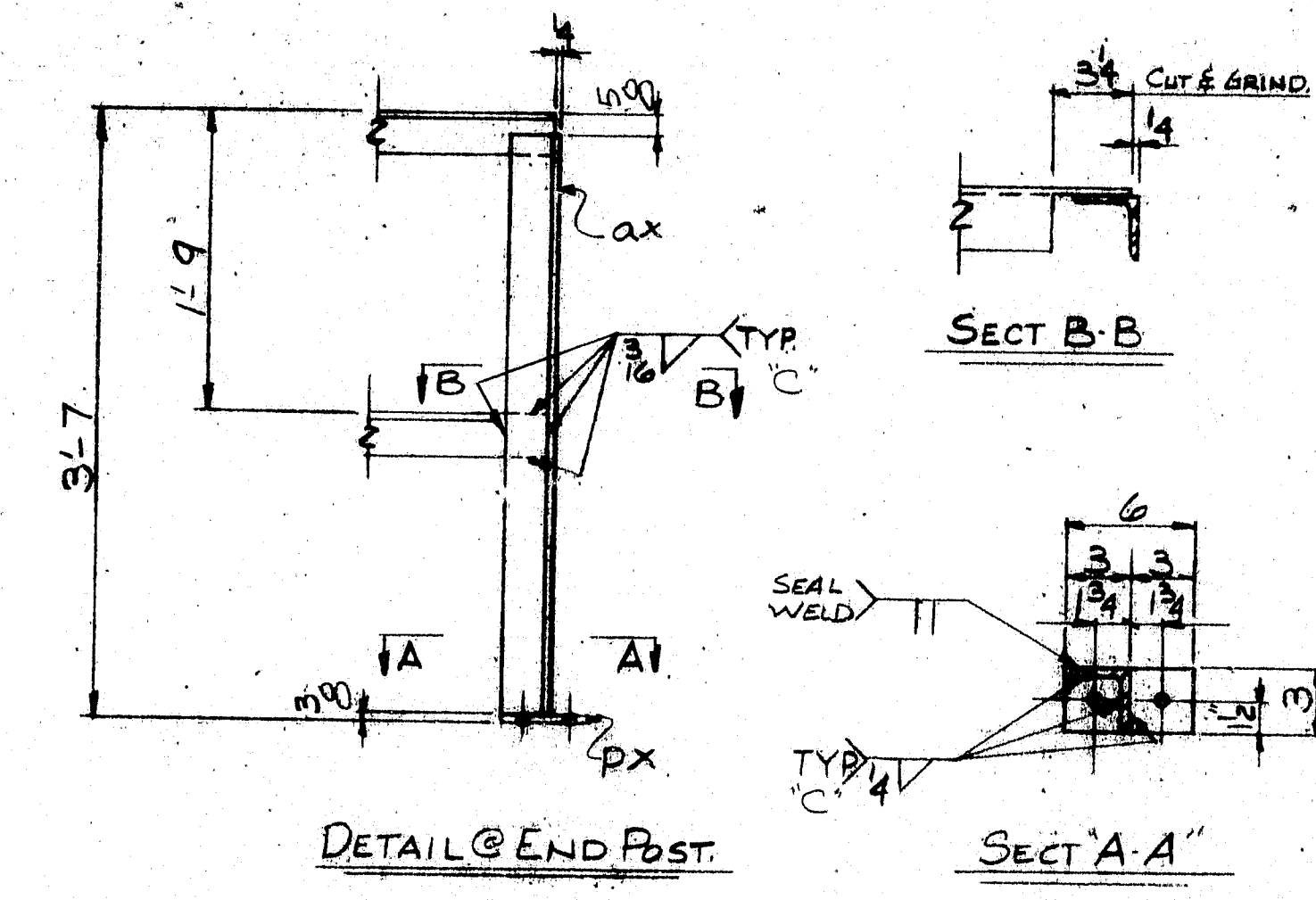


SECT E-E

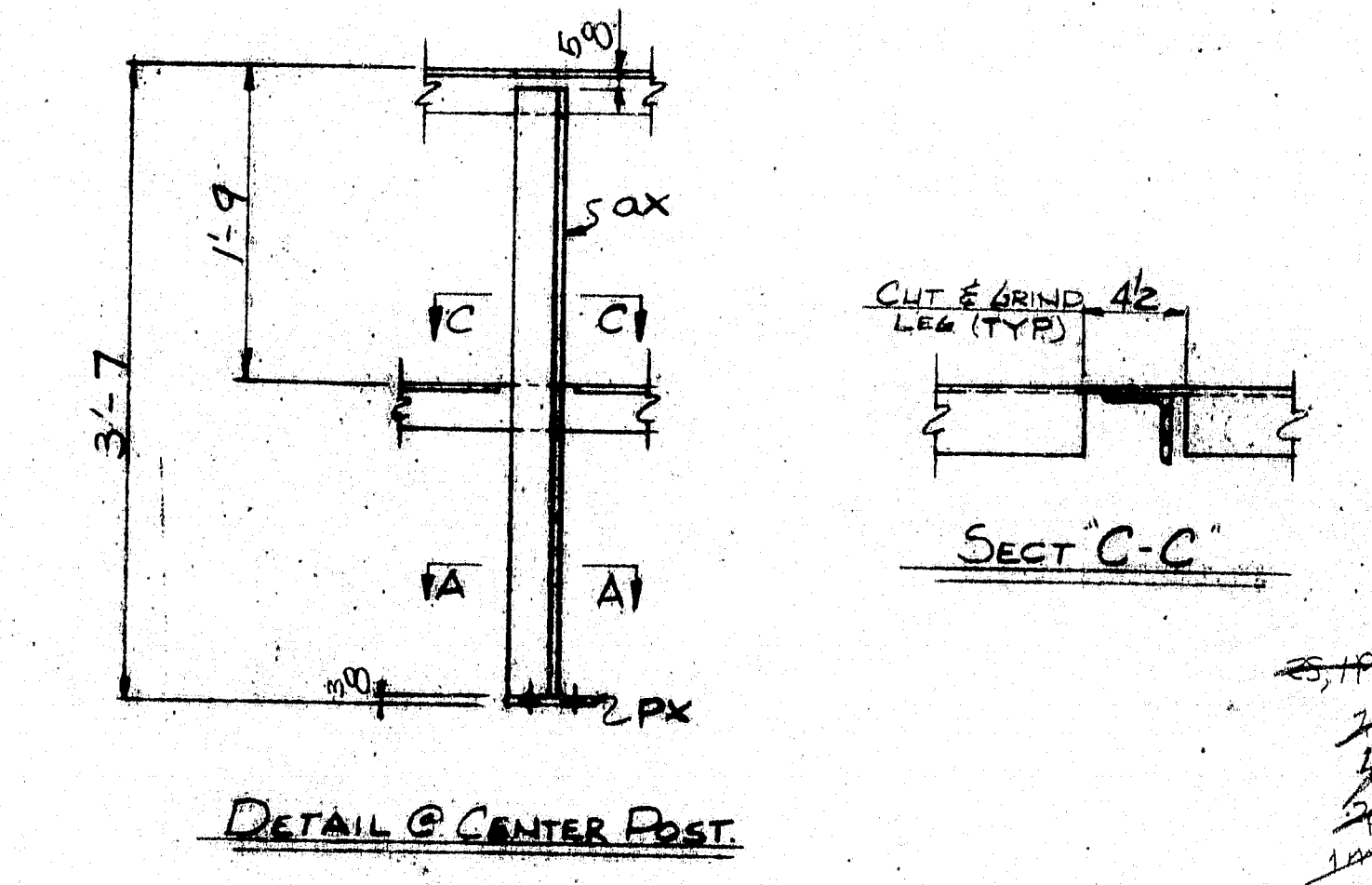


GA38-15 REQ'D GB38-3 REQ'D GC38-3 REQ'D

SECT D-D



DETAIL @ END POST



DETAIL @ CENTER POST

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS	SUB-ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A38	1	ASSEMBLY	19 10				(1490)	
B38	2	DO	19 10 3/4				(1490)	
1 ba38		W.G.X20	19 10				3/28	397
1 bb38		DO	19 10				3/28	397
2 be38		DO	19 10 3/4				7/16	796
2 bd38		DO	19 10 3/4				7/16	796
GRATING: QAT ELECTROFORMED (K.B.B.=18)								
15 GA38		3/4 x 4 x 3/16	3 0				WORK @ ENDS	945
3 GB38		X273	3 0				DO	145
3 GC38		X273	3 0				DO	145
15 ax		4.3 x 3 x 1/4	3 6					257
3 bx38		DO	19 1/2					281
3 bx38		DO	19 1/2					281
15 px		1/2 x 3	0 6					29

PRINT DISTRIBUTION

DATE: 12-27-89

BY: J.F.A.

CHK'D: J.F.A.

DRWN: C.R.T.

MATERIAL: ASTM-A588

BOLTS: 1/2" ALV A325 TYPE I

SURFACE PREP: SPG

PRIMER: NONE

FINISH: R.U. I-14-395-B(22)176 BID ITEM 504-7002

MAINE-CASCADE IRON WORKS

BAKER STREET, CLINTON, MAINE 04927

PHONE 207-425-2671

DESCRIPTION: CATWALK DETAILS - LONGITUDINAL

PROJECT: BRIDGE 1395 OVER BINGHAM RIVER

LOCATION: BANGOR/BREWSTER, ME

DESIGNER: MAINE D.O.T.

CUSTOMER: CHANDLER CORP.

JOB NO: 89-516-2

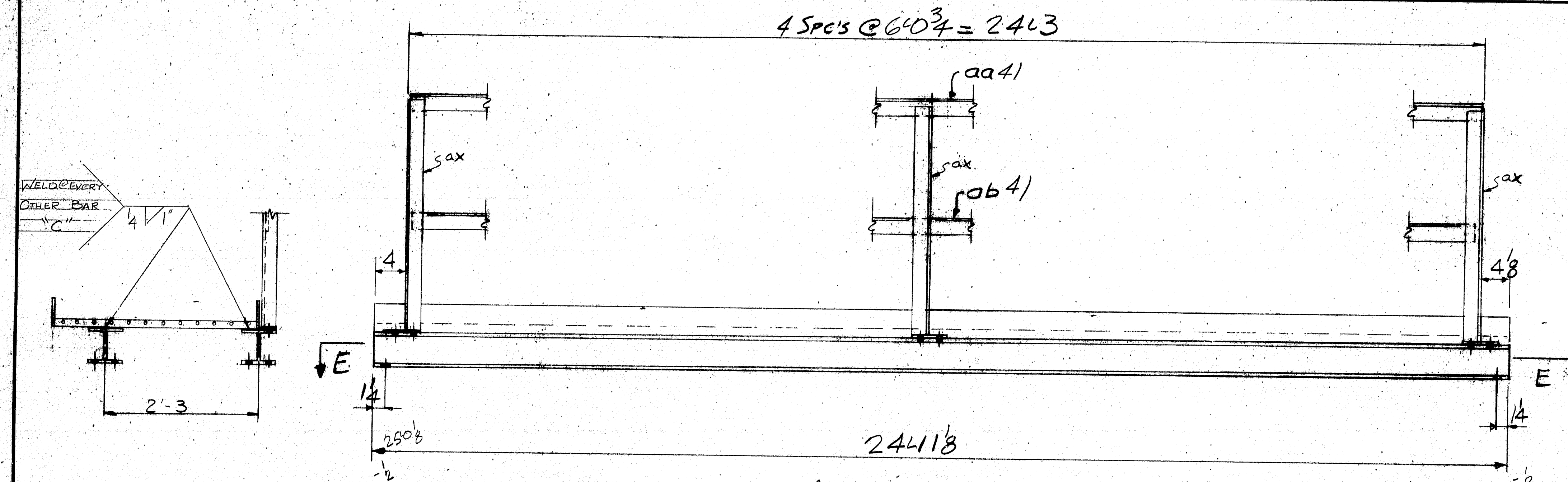
DWG. NO: 38

REV: 1

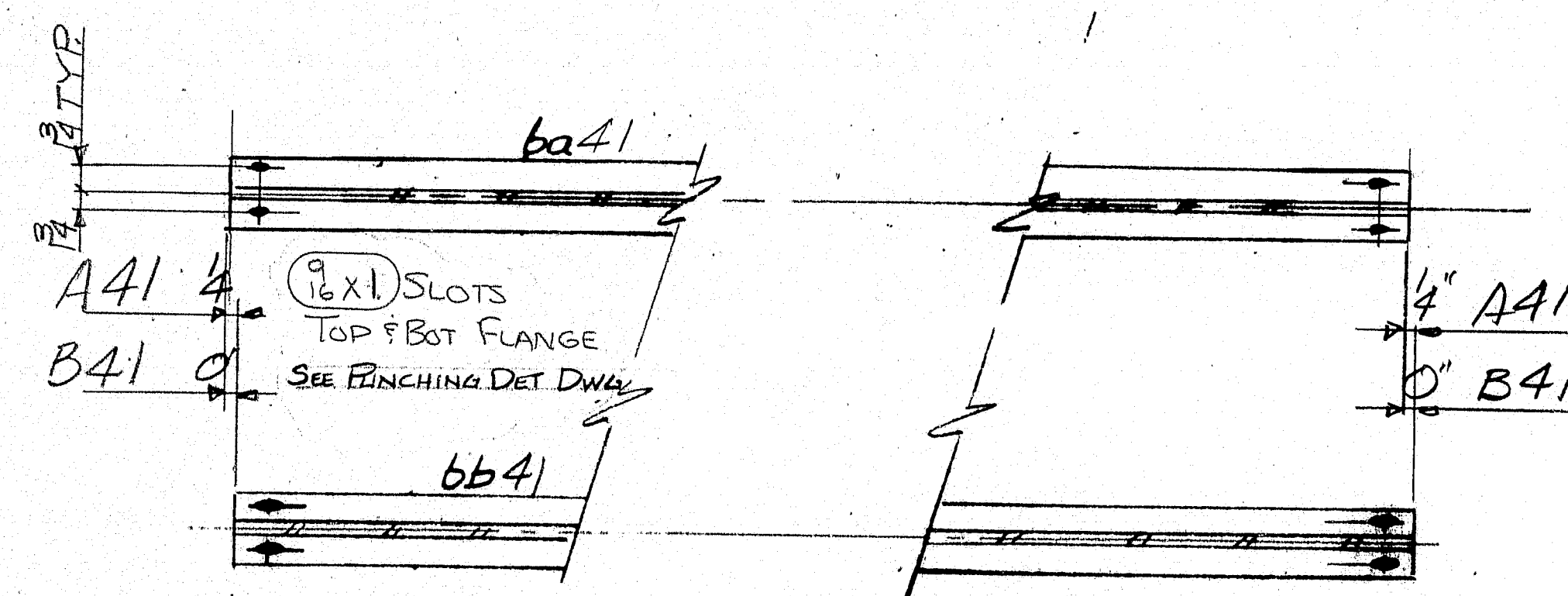
355
R90-364

R90-356
~~365~~

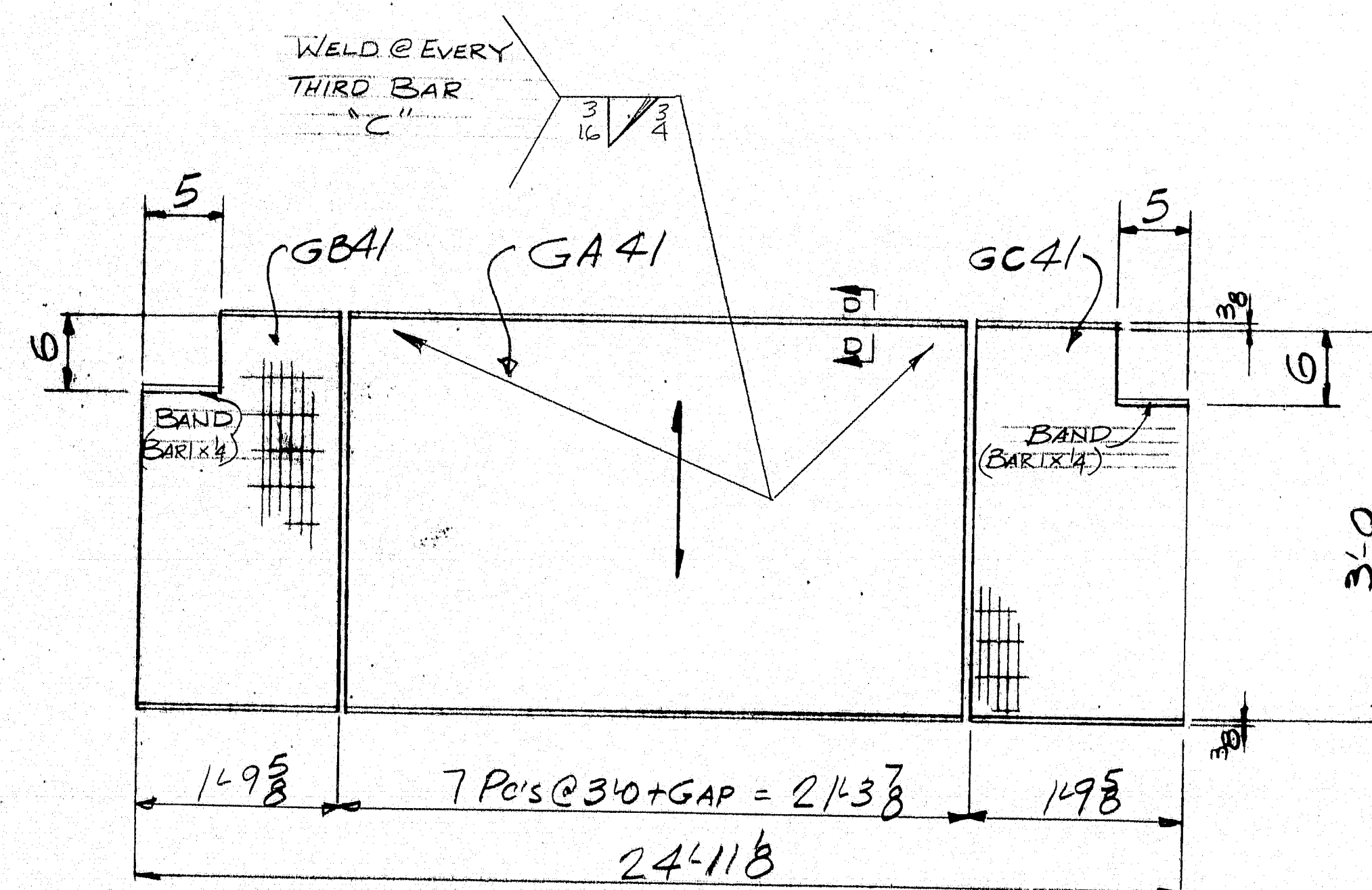
357
R90-366



A41- ONE REQ'D
B41- 8 REQ'D

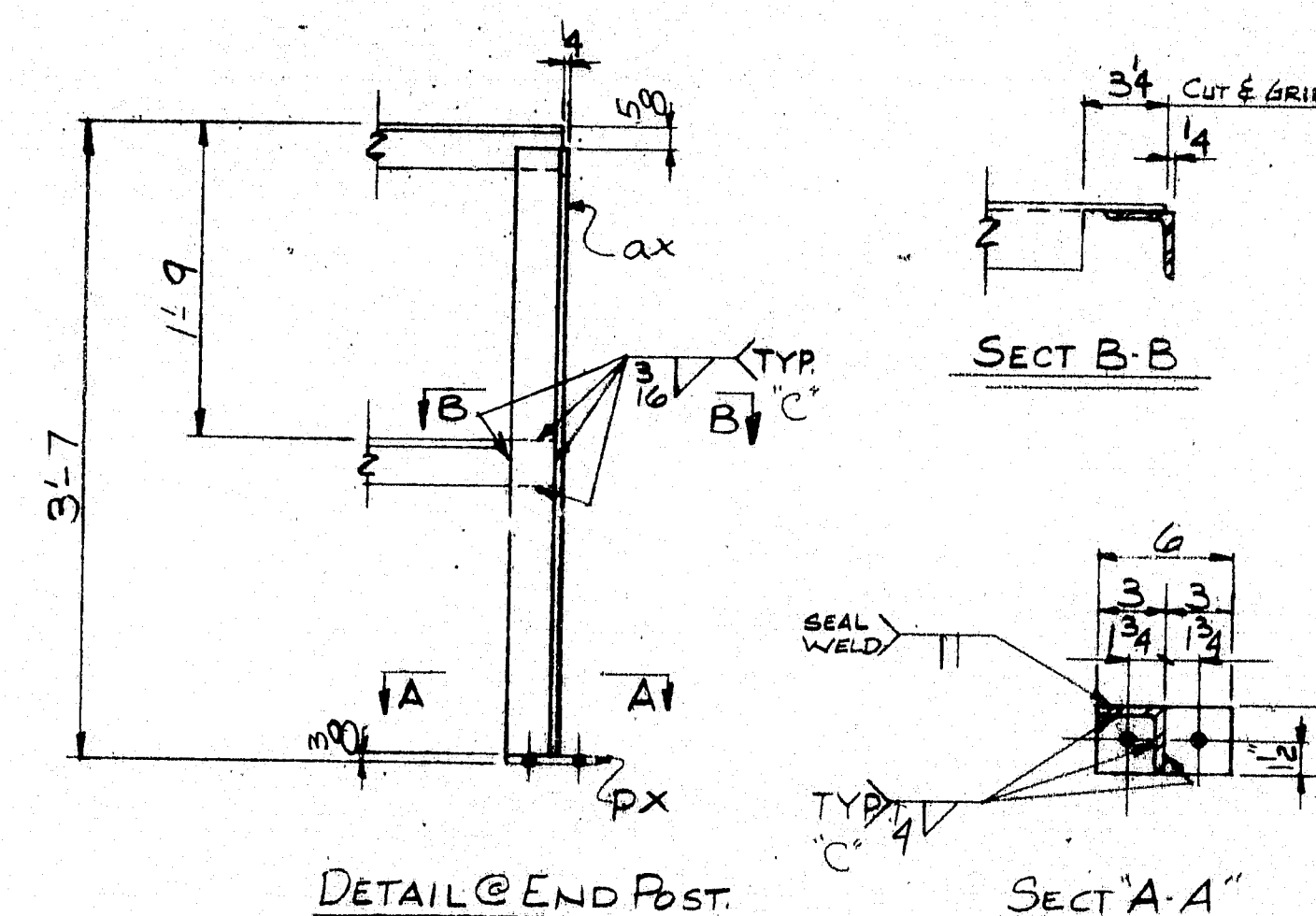


SECT E-E

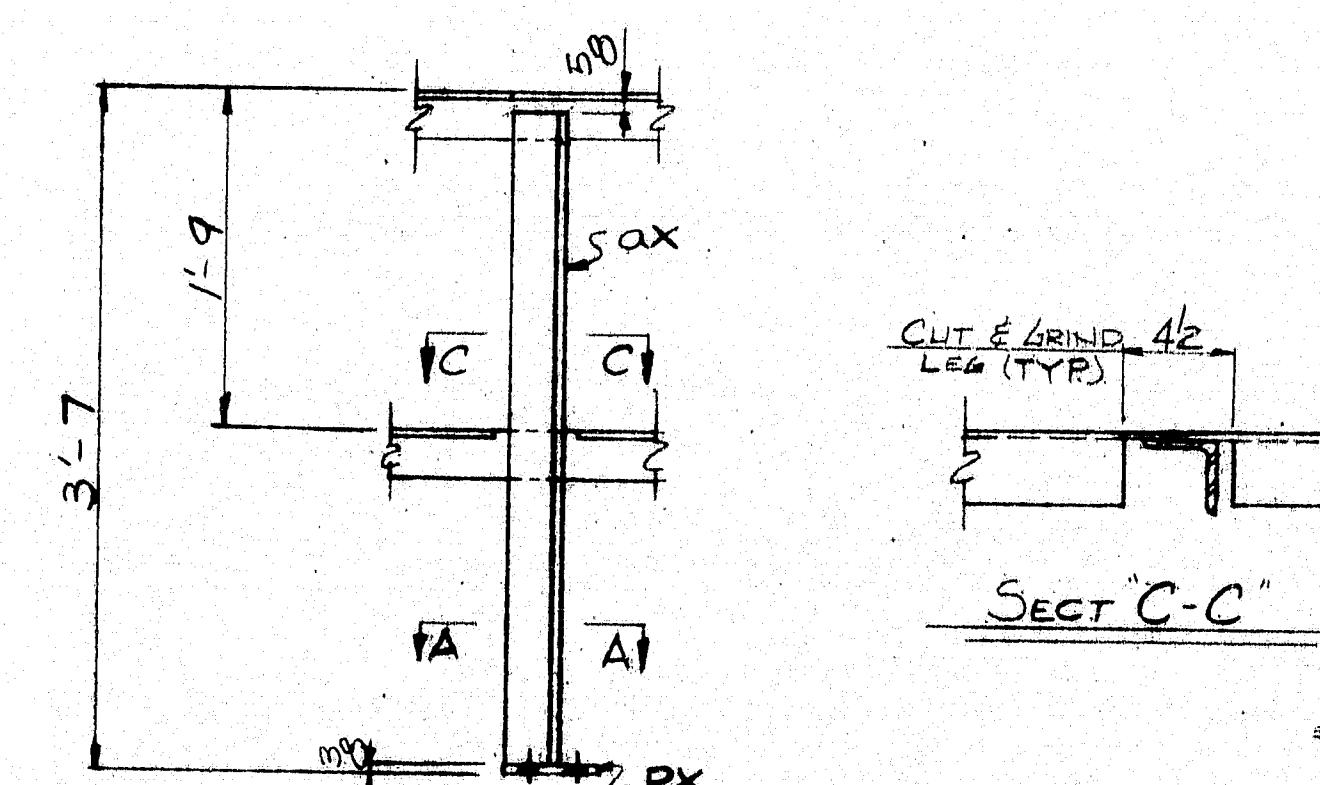


GB41- 9 REQ'D GA41- 63 REQ'D GC41- 9 REQ'D

SECT D-D
(TYP)



DETAIL @ END POST



DETAIL @ CENTER POST

16255
16037
15931
15940
16037
16248
16296

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB. ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A41	1		ASSEMBLY	24'11 1/8"			(1847)	—
B41	8		DO	24'11 1/8"			(1847)	—

9 GB41	W 6 X 20	24'11 1/8"	24'11 1/8"	9'45.10	extra in 40 in 29 in 20	4487
9 GB41	DO	24'11 1/8"	24'11 1/8"	9'45.10	drop to 64 in 4	4487

GRATING CAT ELECTROFORMED (2 BB=12)							
63 GA1	(GRTA) x 4 x 3 1/2	3	0	90104	W/ KICK & Z ENDS	3969	
9 GB41	DO x 21 1/8	3	0		Do	347	
9 GC41	DO x 21 1/8	3	0	2	Do	347	

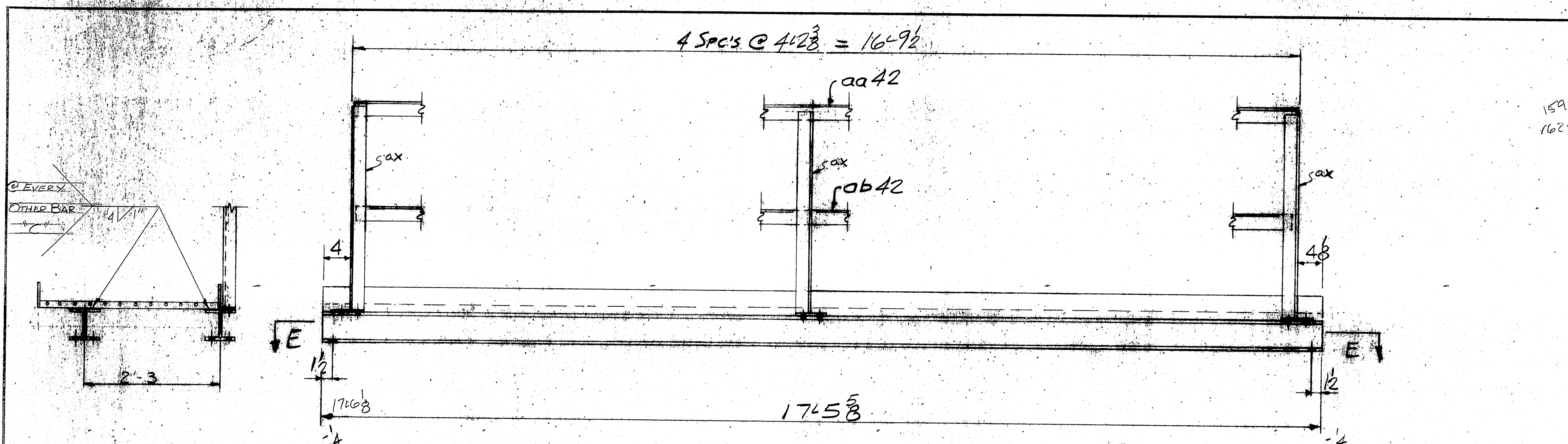
45px	3 X 3 X 1/4	3	6	24'11 1/8"		772
9 GB41	DO	24'22 1/2"				1068
9 GB41	DO	24'22 1/2"				1068

45px	R 3 X 3	0	6	24'11 1/8"		816
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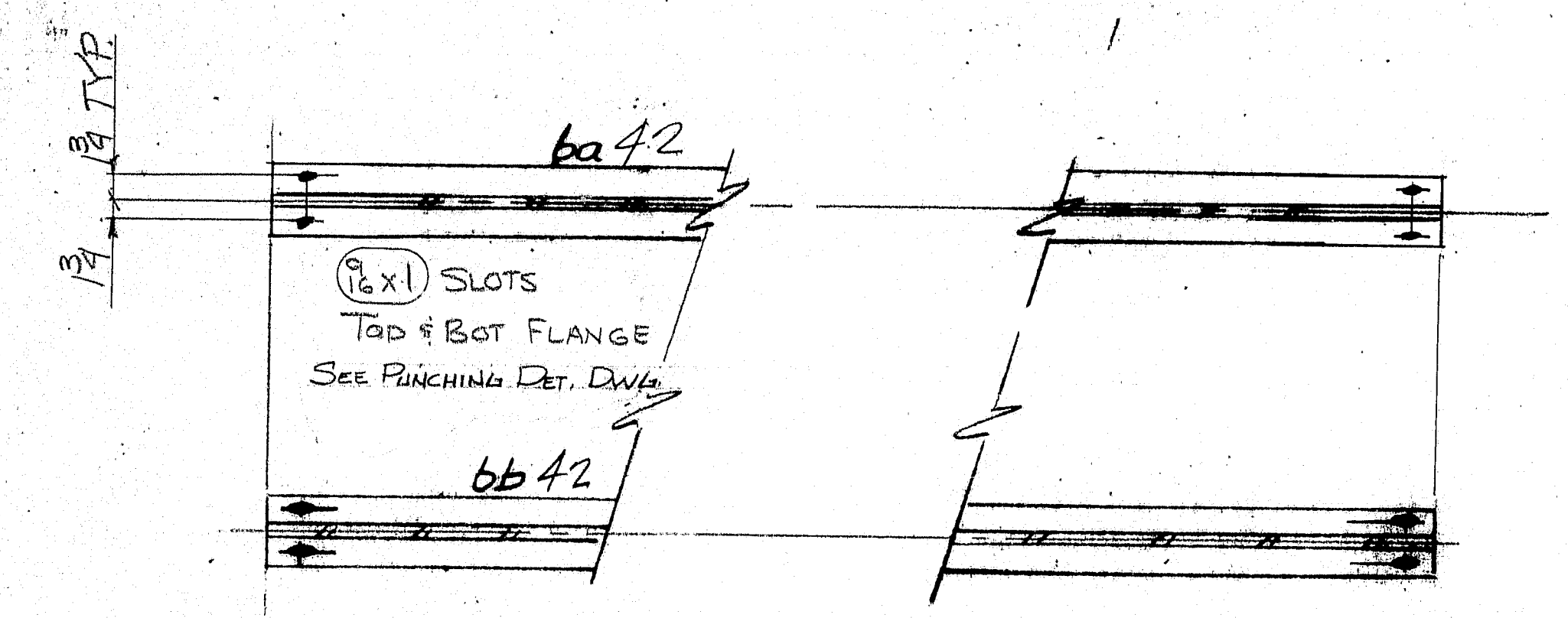
C ~ FC-12F-03P A; FC-12F-04P A; SM-2F-01P

PRINT DISTRIBUTION	MATERIAL	ASTM-A588	HOLES	16" L.N.
FA 12-27-84	BOLTS	1/2" GALV A325 TYPE I	ELECTRODE	SEE PROC
FA 2/21/85	SURFACE PREP	SP6	REF. DWG.	
CHOP 3-21	PRIMER	NONE		
Weld 3-28-85	FINISH			
Supp 4/12				
P.N. I-14-395-B(22)176 BIO ITEM 504-7002				
MAINE-CASCADE IRON WORKS				
BAKER STREET, CLINTON, MAINE 04927				
PHONE 207-428-2871				
DESCRIPTION CATWALK DETAILS - LONGITUDINAL				
PROJECT BRIDGE 1395 OVER PENOBSCOTT RIVER				
LOCATION BANGOR/BREWER, ME				
DESIGNER MAINE DOT				
CUSTOMER CIAMBERO CORP				
REV. A	MD 4/16			
CHKD	TK			
DRWN	C.R.T.			
JOB NO.	84-546-2	DWG. NO.	41	REV.

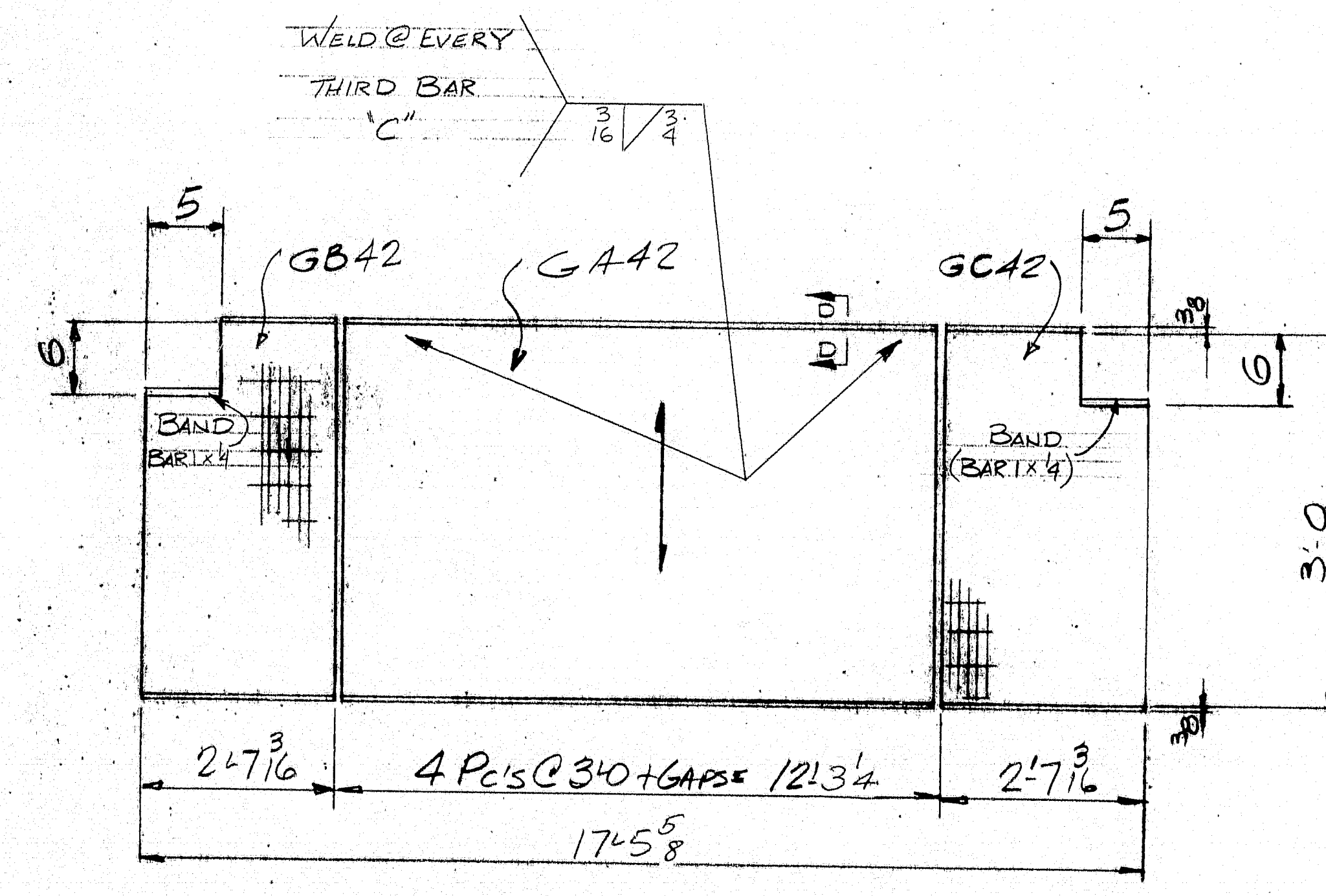
358
R90-367



-A42-ONE REQ'D-

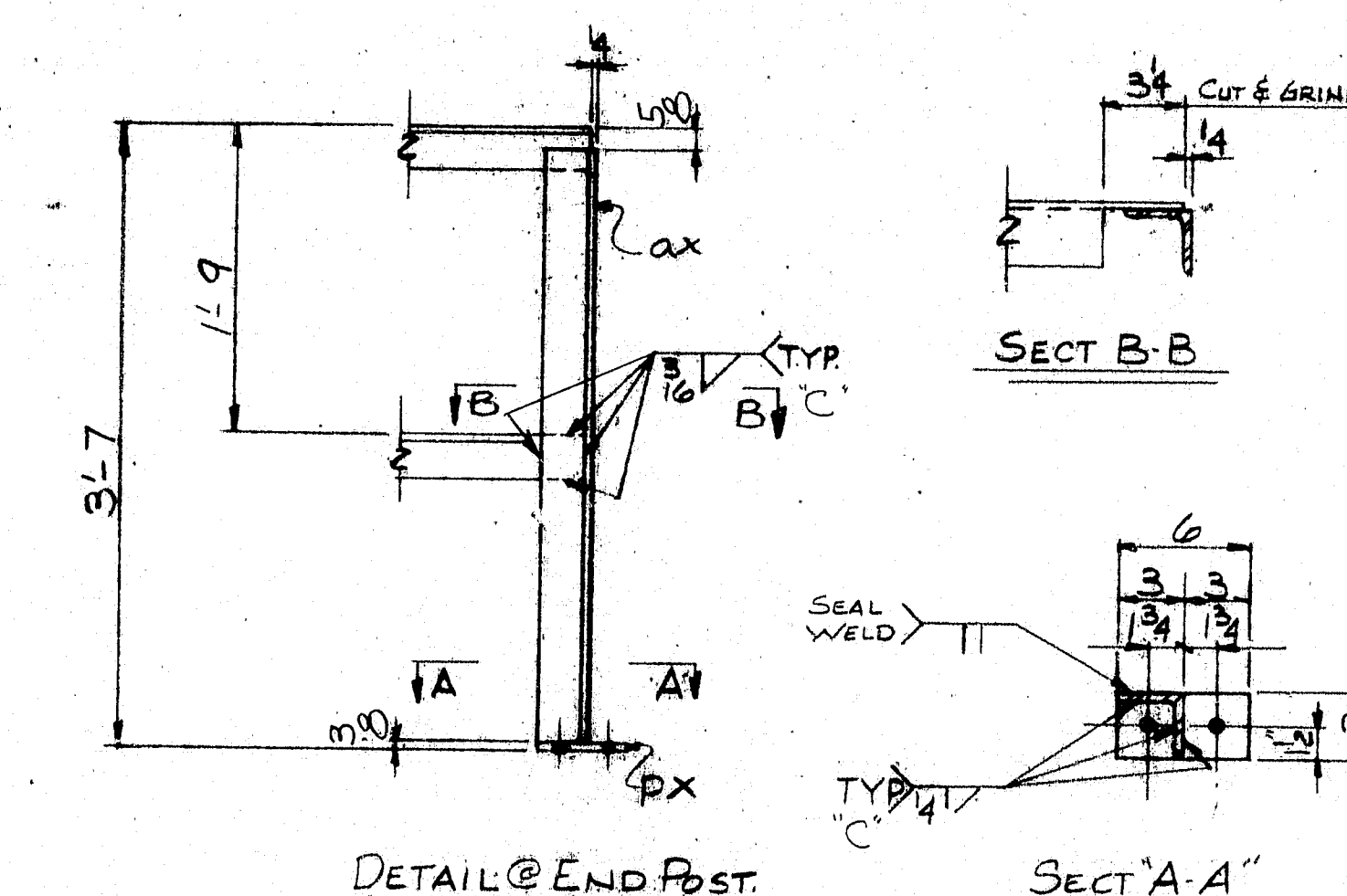


SECTION E-E

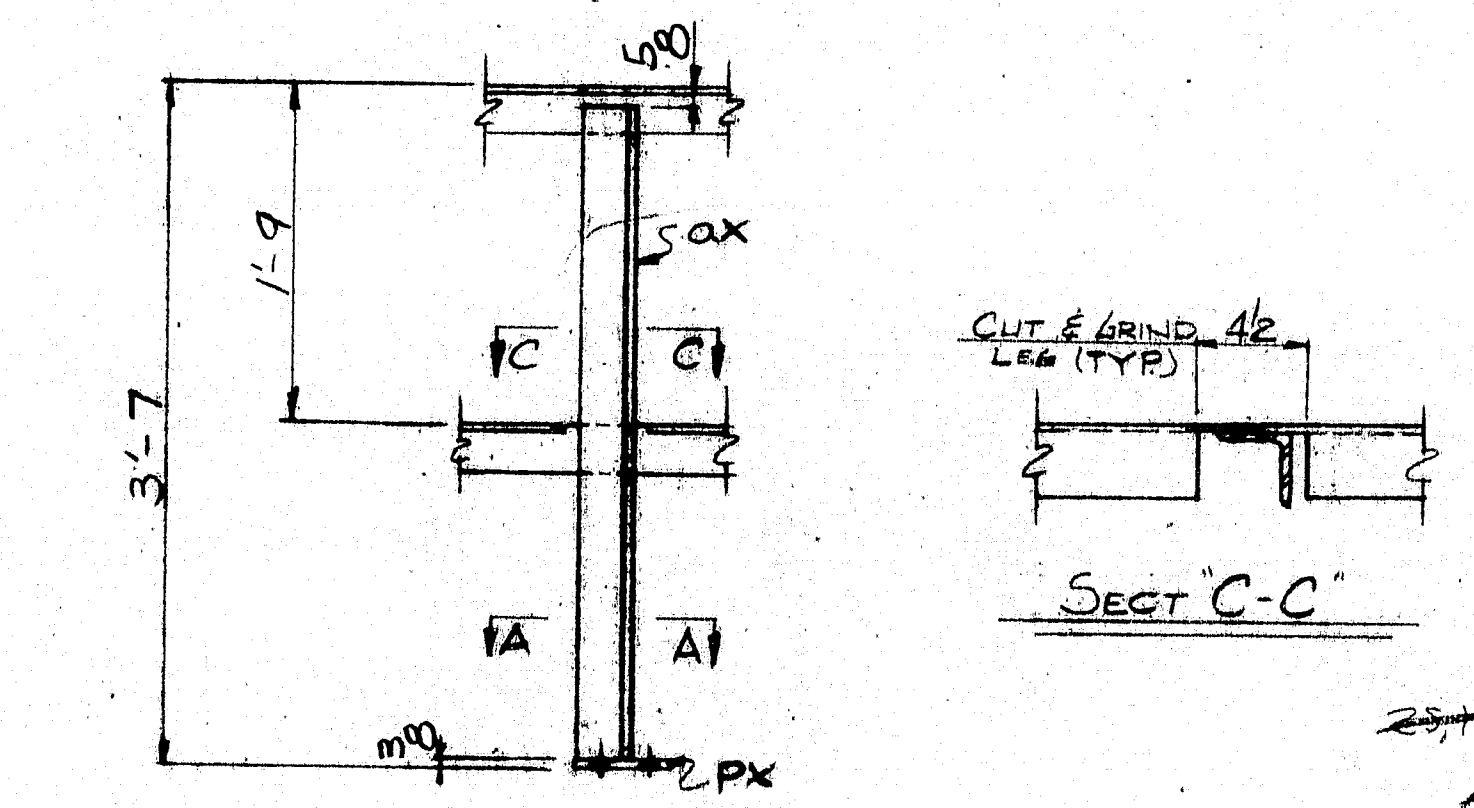


GB42-ONE REQ'D GA42-4 REQ'D GC42-ONE REQ'D

SECTION D-D (TYP)



DETAIL @ END POST



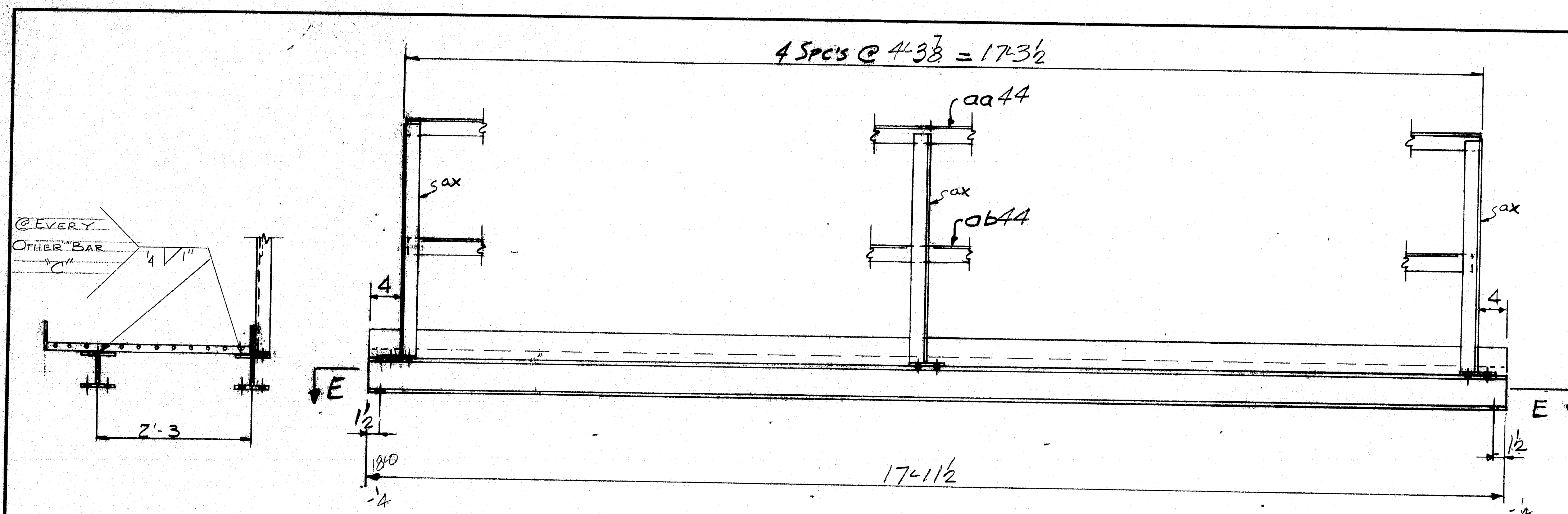
DETAIL @ CENTER POST

MATERIAL SCHEDULE

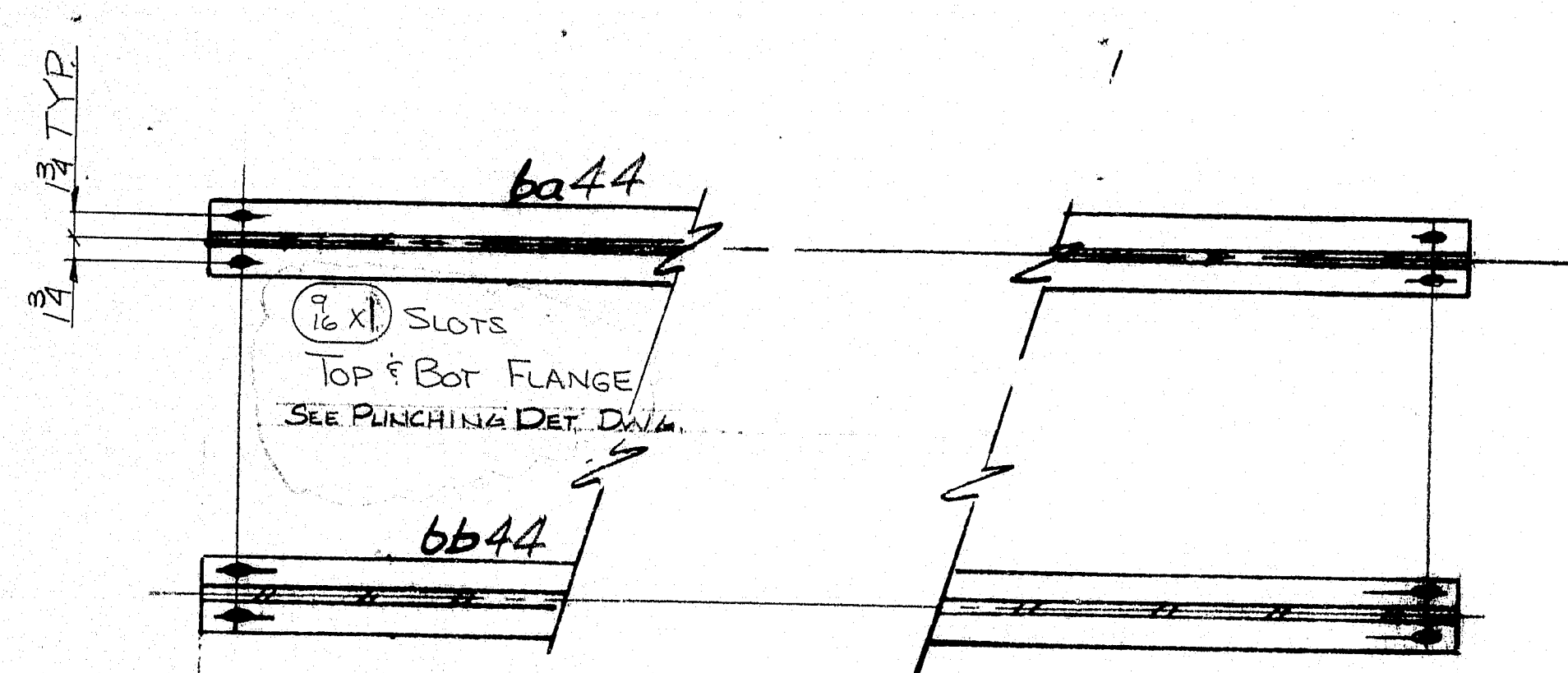
SHIPPING MARK	NO. PCS	SUB-ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM		REMARKS	WT.
				FT.	IN.		NO.	FT. IN.		
A42	1		ASSEMBLY	17	5 3/8					1320
	1	ba42	WG X 20	17	5 3/8	21182			cleared from bid 23	344
	1	bb42	Do	17	5 3/8	2	2	7 7/8		344
GRATING: OAT ELECTROFORCED (% BB=1B)										
	4	GA42	DO x 3/4 x 3/4	3	0	21104			W/ KEX R 2 ENDS	82
	1	GB42	DO x 3/4	3	0				Do	58
	1	GC42	DO x 3/4	3	0	2			Do	58
	5	ax42	3 x 3 x 1/4	3	6	21182				82
	1	aa42	Do	16	9					82
	1	ab42	Do	16	9					82
	5	px	B 3 x 3	0	6	21182				10
C ~ FC-12F-03P Δ FC-12F-09P Δ SM-2F-01P										

PRINT DISTRIBUTION		MATERIAL: ASTM-A588		TOTAL WEIGHT: 1320	
FA 12-27-89		BOLTS: 2\"/> 			

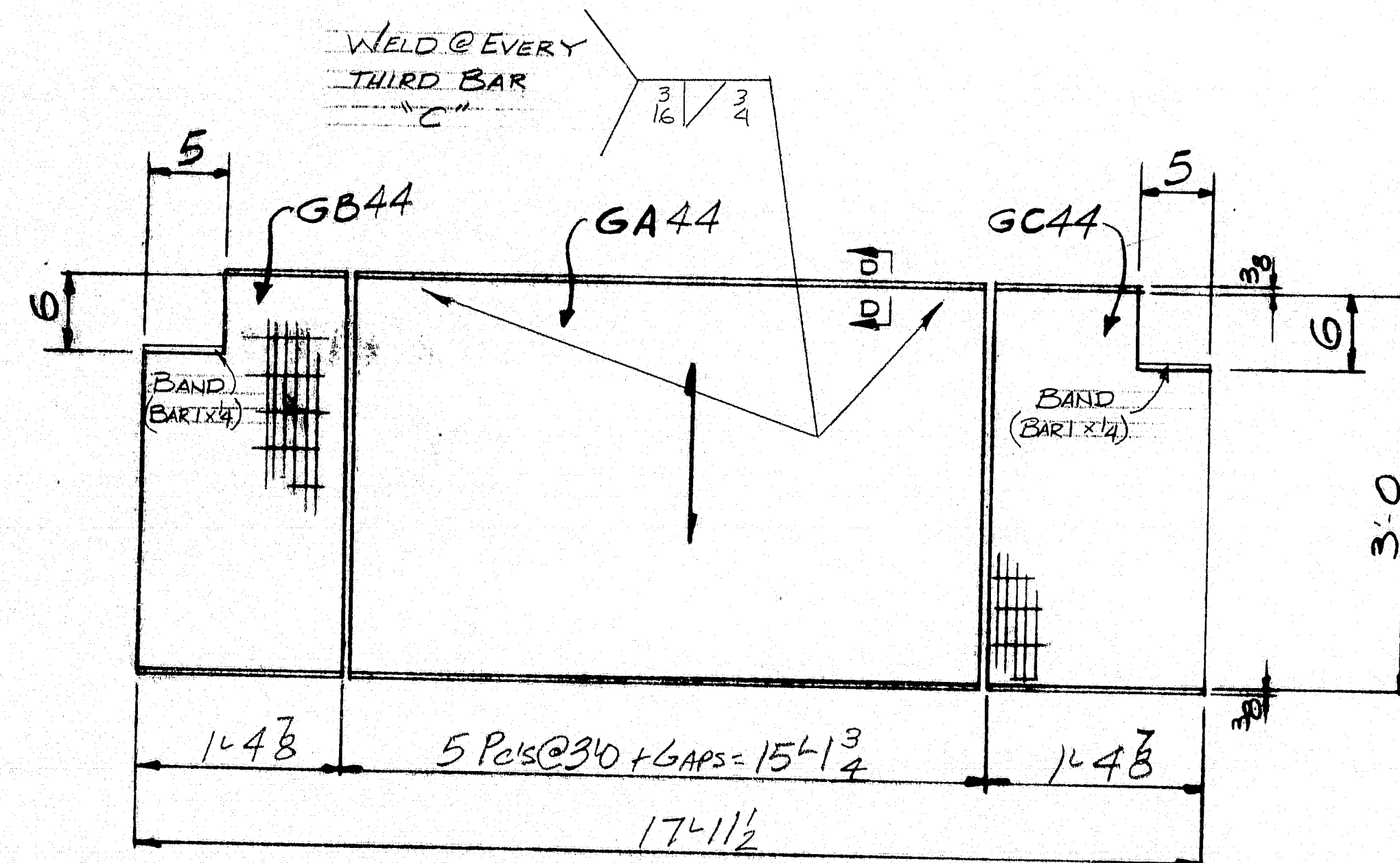
359
R90-368



A44 - 2 REQ'D.

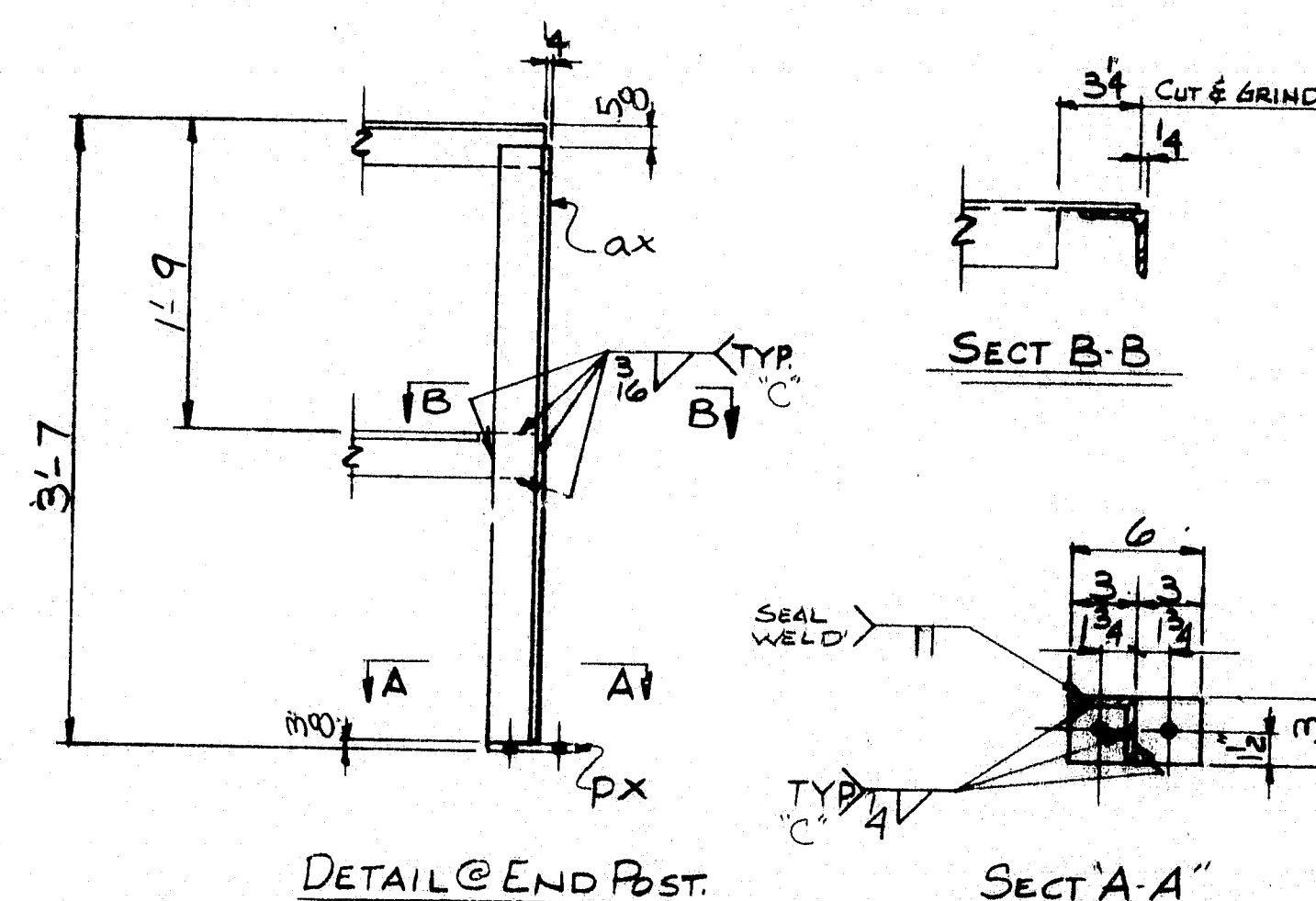


SECT F-F

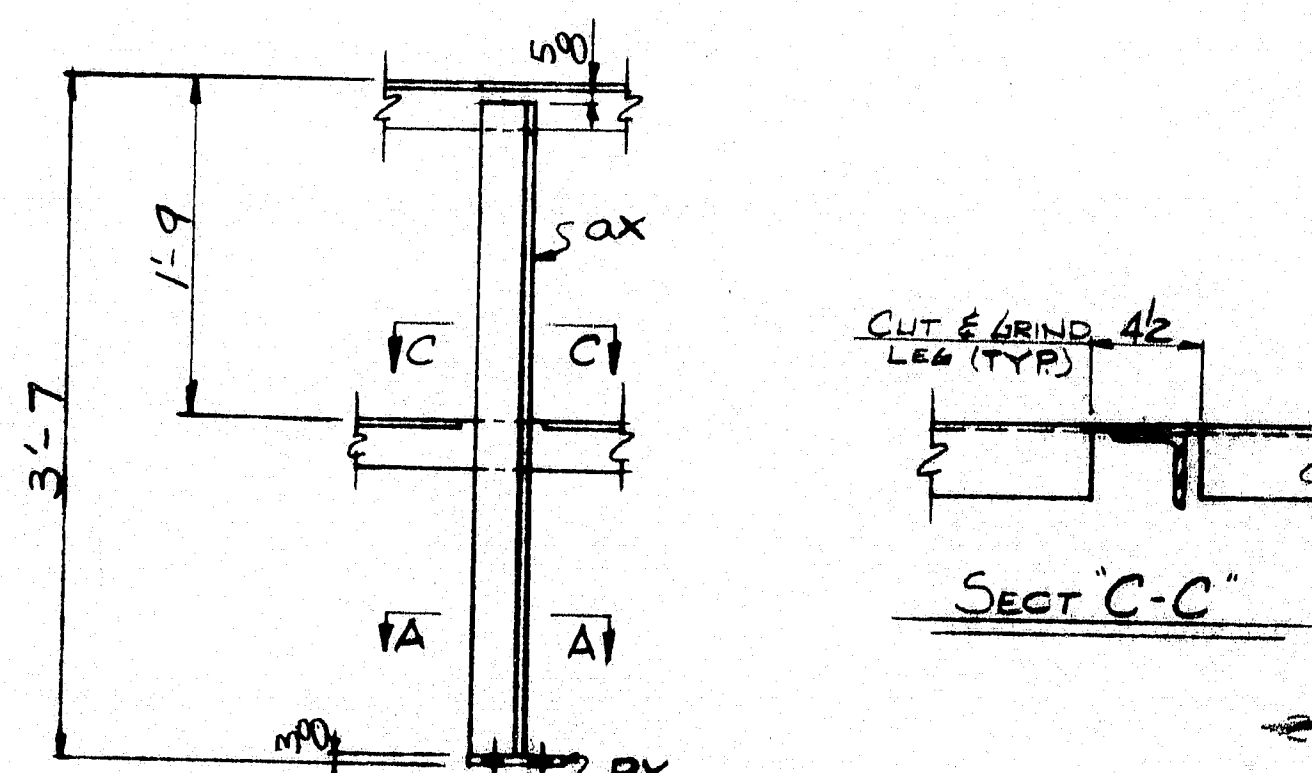


GB44 - ONE REQ'D. GA44 - 5 REQ'D. GC44 - ONE REQ'D.

SECT D-D (TYP)



DETAIL @ END POST



DETAIL @ CENTER POST

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS	SUB-ASSEM	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A44	2	ASSEMBLY		17 11/2			(1040)	-
	2	ba44	WG X 20	17 11/2	scrap from ba41		4/11	718
	2	bb44	DO	17 11/2	scrap from ba41		4/11	718
GRATING 041 ELECTROFORGED (2 BB 1/2)								
	5	GA44	4\" x 3\"	3 0	90104		W/KEY & ENDS	315
	1	GB44	DO x 1/8	3 0	2		DO	31
	1	GC44	DO x 1/8	3 0	2		DO	31
	5	ax	3\" x 3\" x 1/4	3 6	24112			86
	1	aa44	DO	17 3	2			85
	1	ab44	DO	17 3	2			85

5 px 1/8\" x 3 0 6 24112

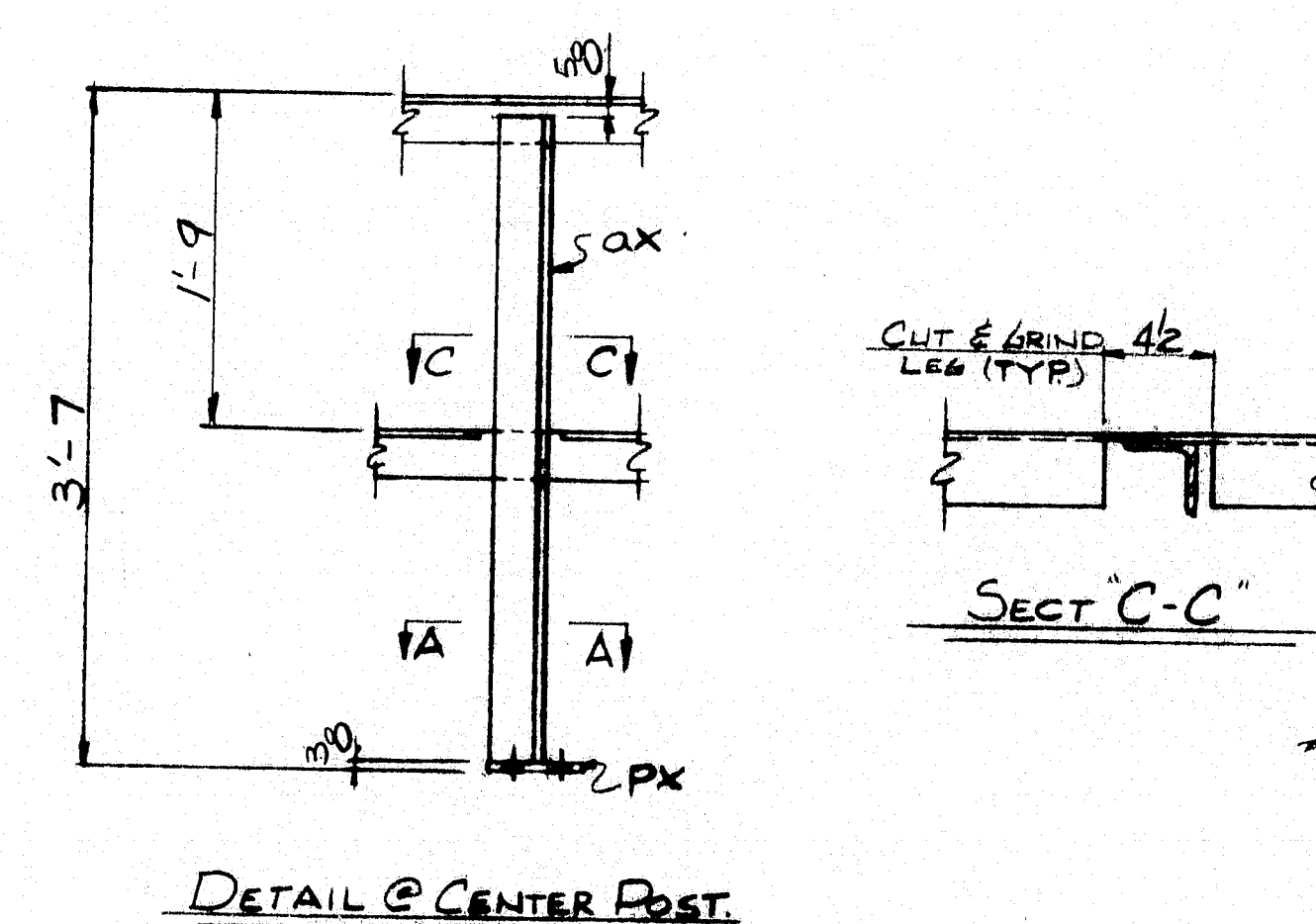
10

"C" ~ FC-12F-03PA; FC-12F-09PA; SM-2F-01P

TOTAL WEIGHT 2079

PRINT DISTRIBUTION		MATERIAL ASTM-A588		HOLES 3/8\" L.N.	
EA	12-27-89	BOLTS	2\" GALV A325 TYPE I	ELECTRODE	SEE PROC.
PA	2/2/85	SURFACE PREP	SP6	REF. DWG.	
DR	3-2	PRIMER	NONE		
Field	3-28-85	FINISH			
Shop	4/12				
RJ-I-14-395-B(02)176 - BID ITEM 504-7002					
MAINE-CASCADE IRON WORKS					
BAKER STREET, CLINTON, MAINE 04927					
PHONE 207-426-2671					
DESCRIPTION CATWALK DETAILS - LONGITUDINAL					
PROJECT BRIDGE 1395 OVER PANDOSCOTT RIVER					
LOCATION BANGOR/BREWER, ME					
DESIGNER MAINE DOT					
CUSTOMER CIAMBRO CORP					
REV	DATE	BY	CHK'D	DRWN	JOB NO. 34-546-2 DWG. NO. 44 REV

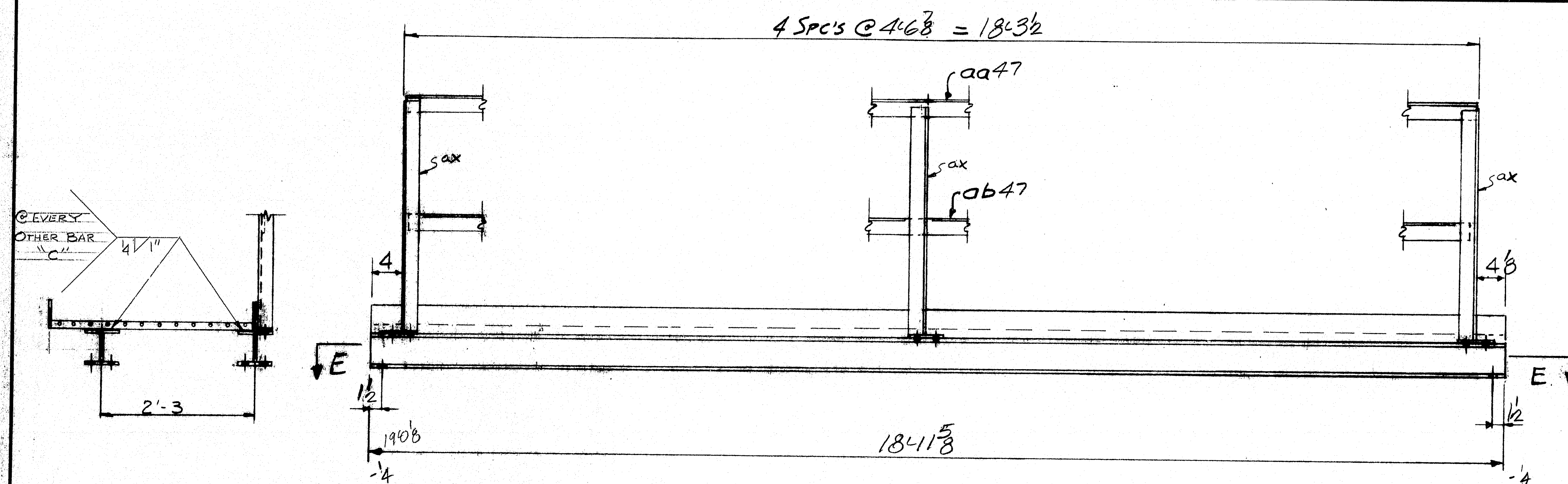
361
R90-370



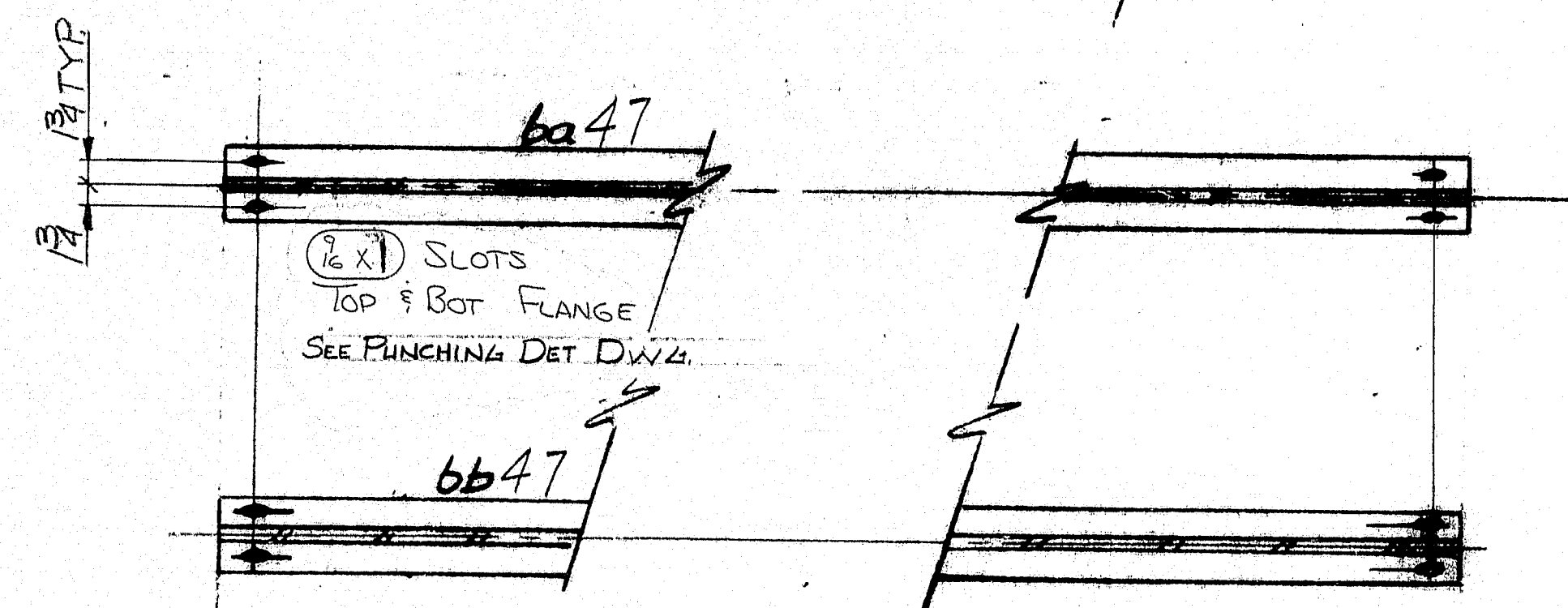
DETAIL @ CENTER POST

SECT "D-D"
(TYP)

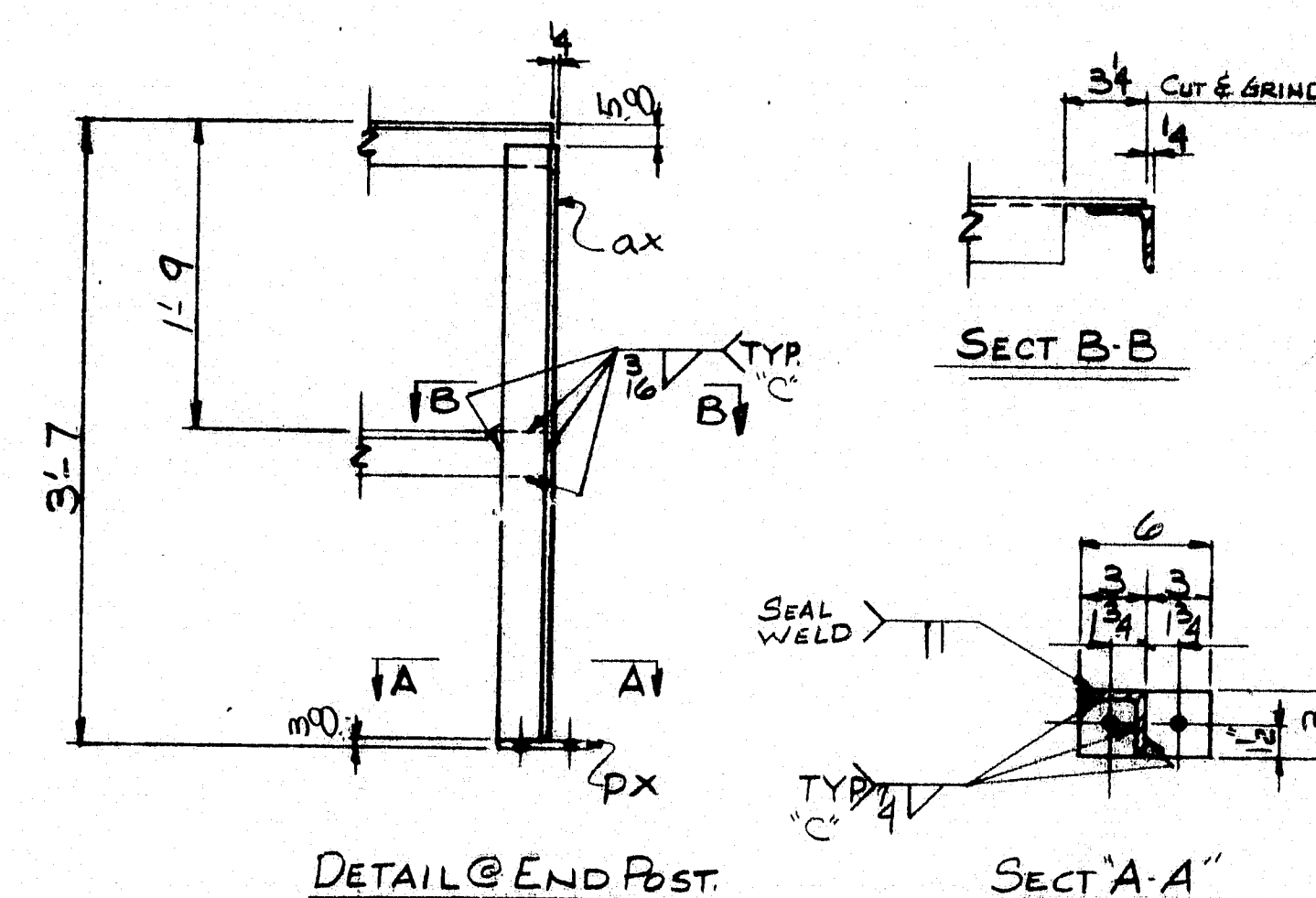
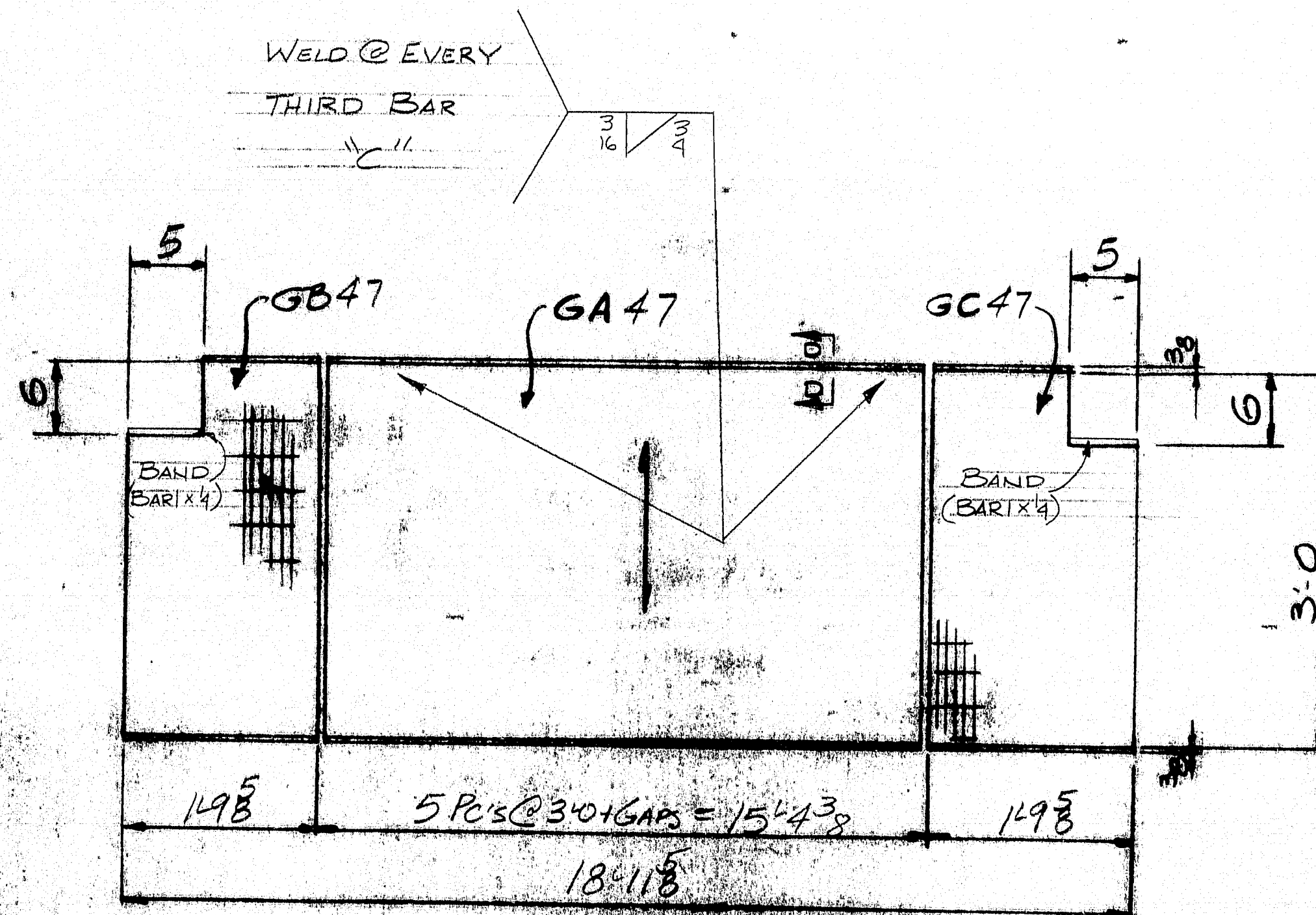
363
R90-372



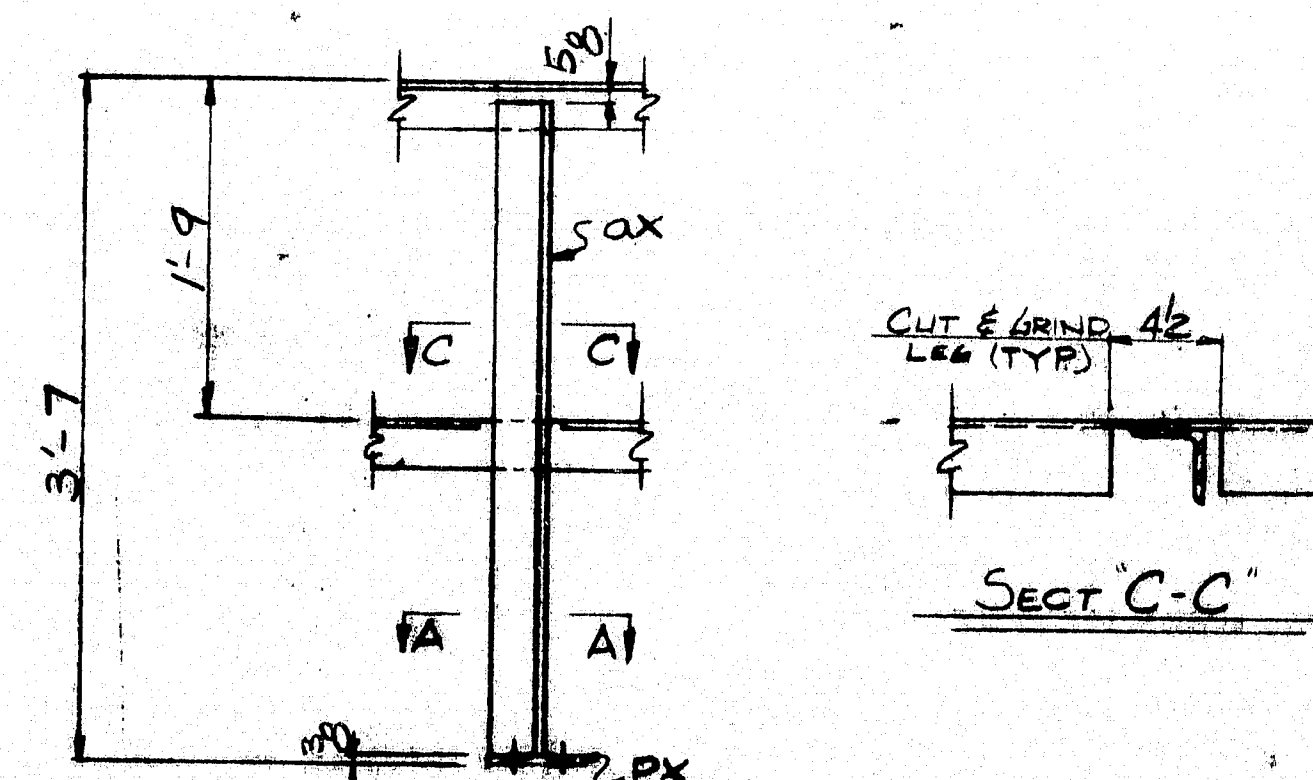
A47-2 REQ'D



SECTION E-E



DETAIL @ END POST



DETAIL @ CENTER POST

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A47 2		ASSEMBLY		18 11 5/8			(1229)	—
2 6a47		WG X 20		18 11 5/8			24192 CRAP FROM 6a36	5/2 759
2 6b47		DO		18 11 5/8			CRAP FROM 6b36	5/2 759
GRATING 4' OAT ELECTROFORGED (FC-BB-178)								
5 GA47		1/4 X 3/8		3 0			W/KEY & Z ENDS	315
1 6B47		DO X 2 1/8		3 0			DO	38
1 6C47		DO X 2 1/8		3 0			DO	38
10 ax		3 X 3 X 4		3 6				172
2 6a47		DO		18 3				179
2 6b47		DO		18 3				179
10 px		1/2 X 3		0 6				19
TOTAL WEIGHT								2458

PRINT DISTRIBUTION

FA 12-27-89

FA 3/25/85

FA 3-21

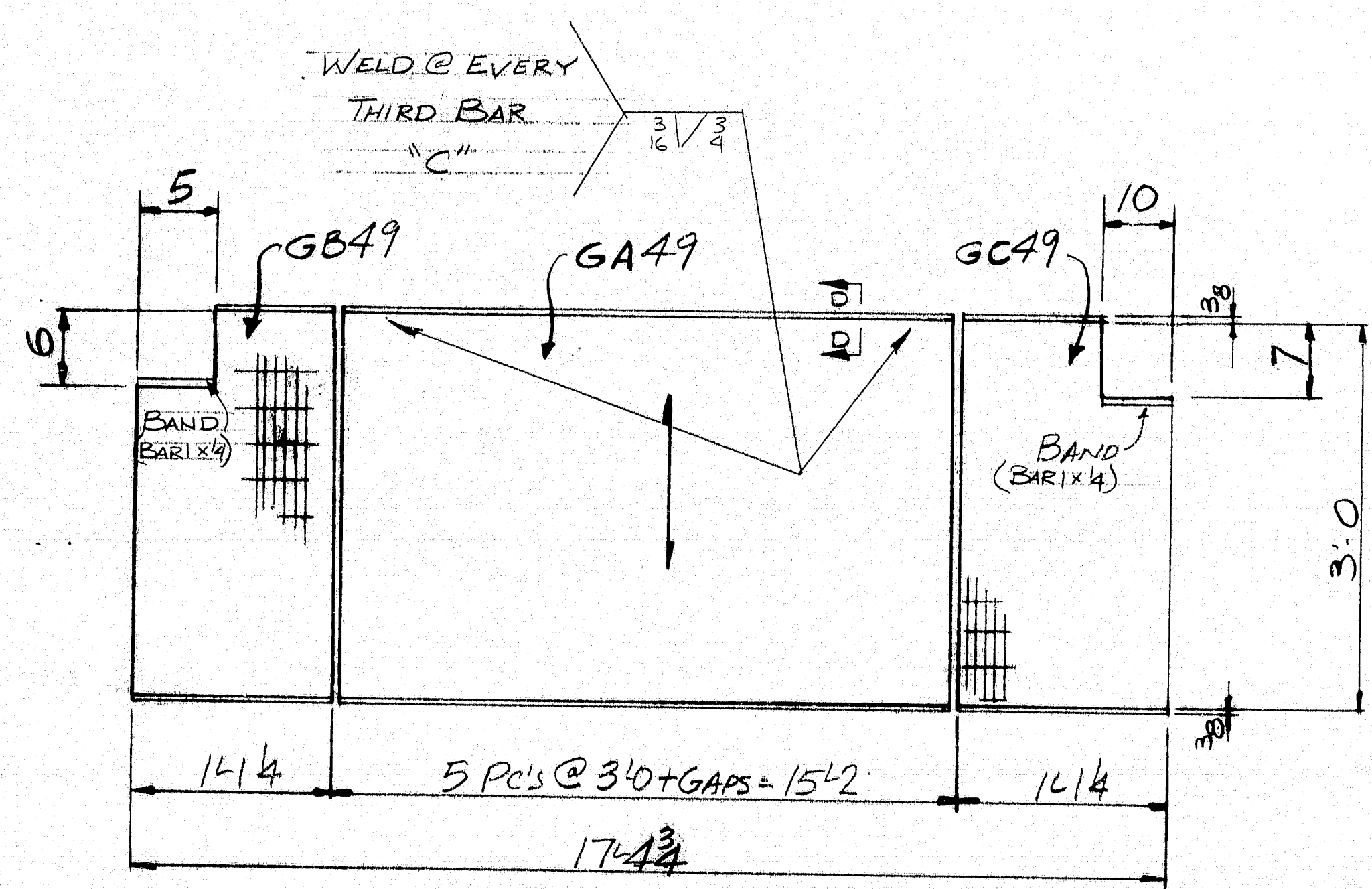
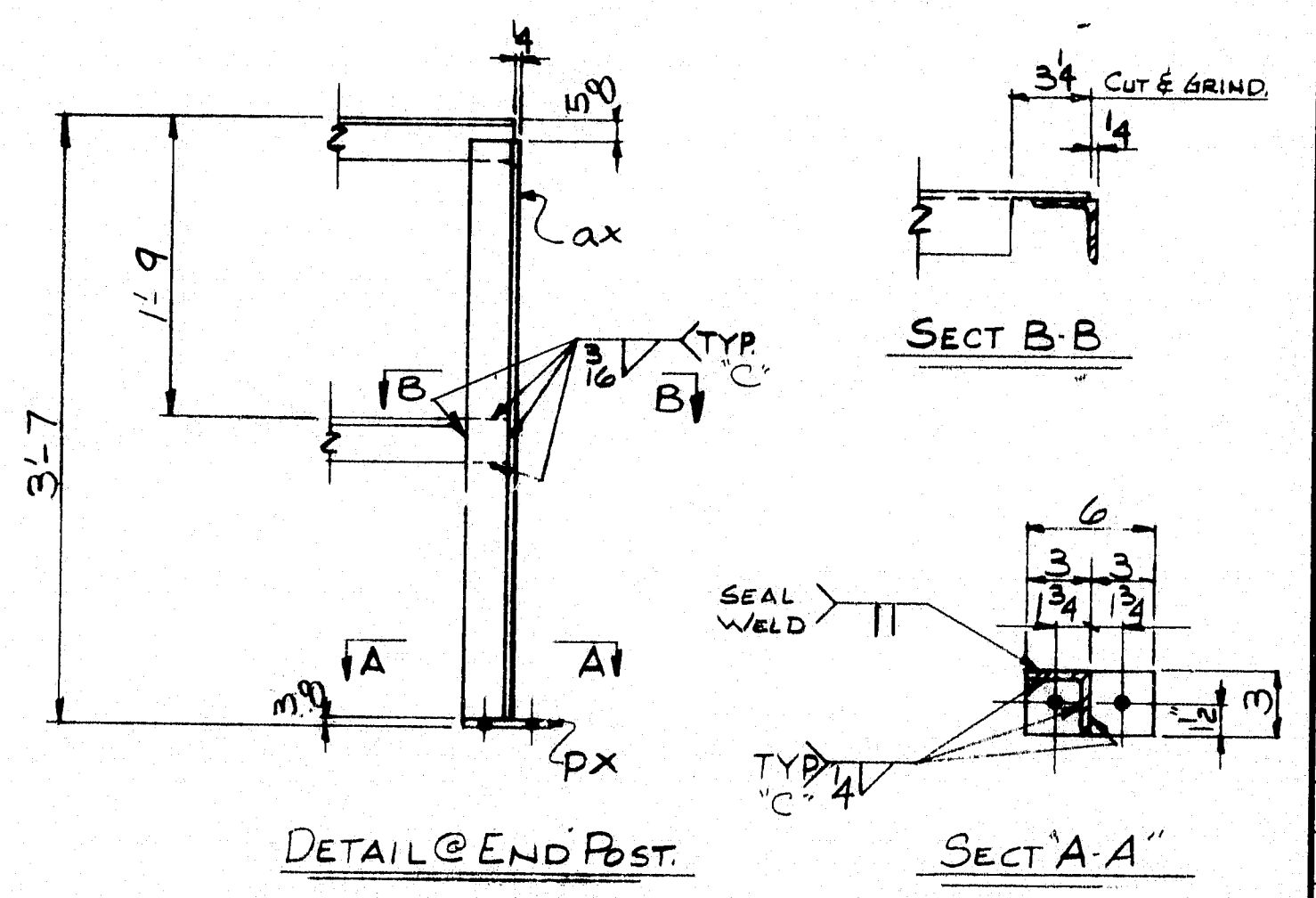
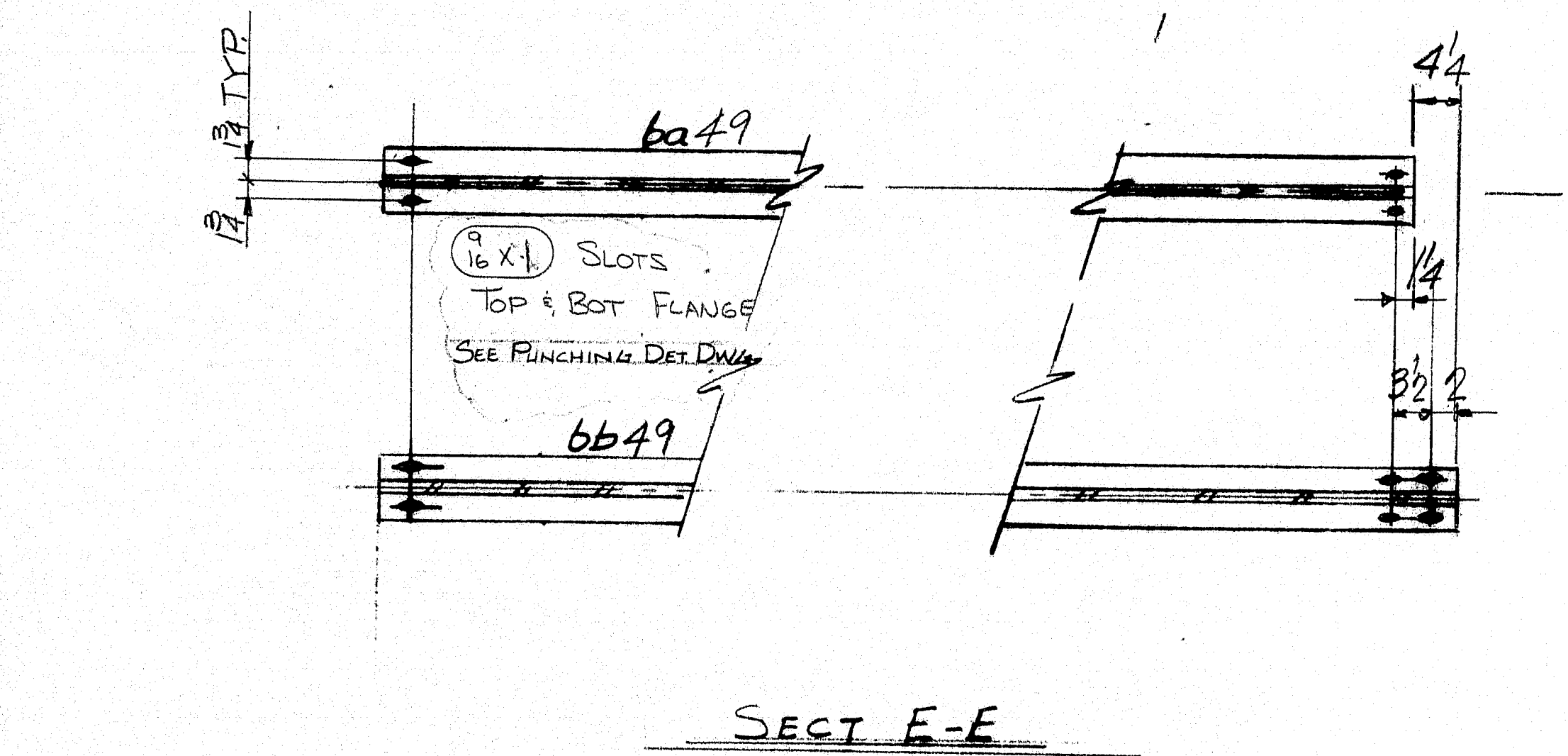
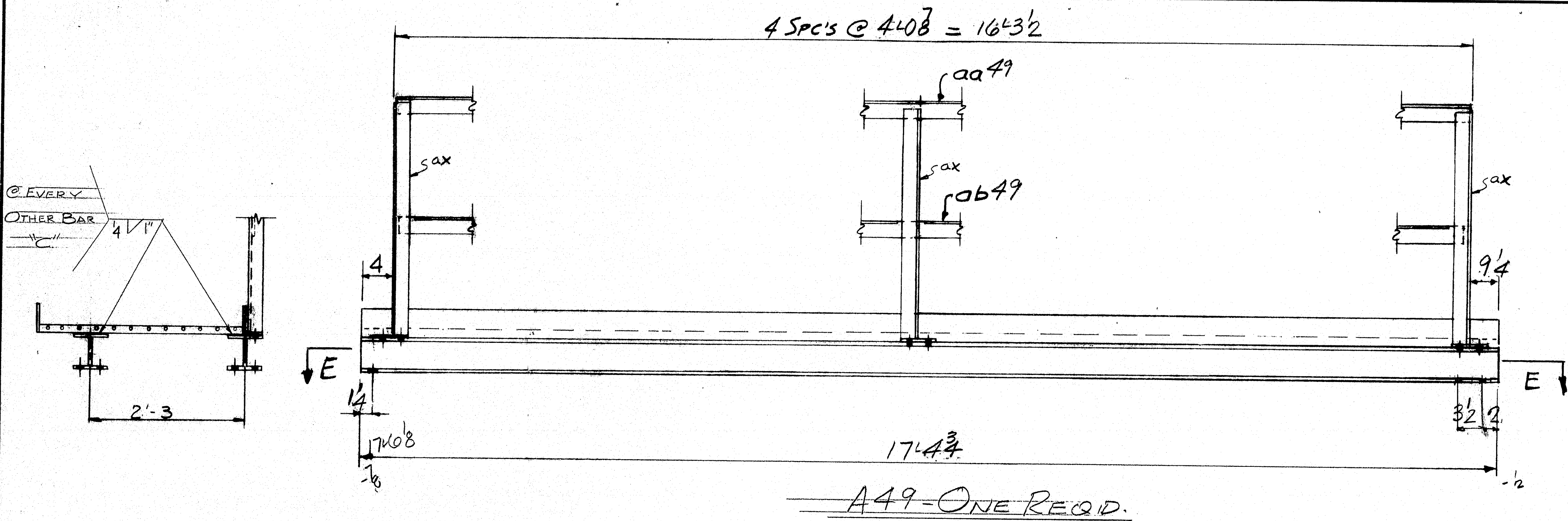
FA 3-28-85

FA 4/12 A

MATERIAL **ASTM-A588**

BOLTS **1/2\"/>**

365
R90-~~374~~



GB49 - ONE REQ'D. GA49 - 5 REQ'D. GC49 - ONE REQ'D.

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB-ASSEMBLY	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
15995 A49	1		ASSEMBLY	17' 4 3/4"			(1306)	
(1) 1629 (6)								
1 ba49	W6X20			17' 0 1/2"	24882	crop from 1629	4/2	341
1 bb49	Do			17' 4 3/4"	2	crop from 1629		349
GRATING 4'0" x 1'0" ELECTRODEPOSED (% BB=10)								
5 GA49	1" x 4" x 3/16"			3' 0"	92004		W/RECK 2 ENDS	215
1 GB49	Do			3' 0"	2		Do	23
1 GC49	Do			3' 0"	2		Do	23
5 ax	3" x 3" x 1/4"			3' 6"	24882			86
1 aa49	Do			16' 3"	7			80
1 ob49	Do			16' 3"	7			80
5 px	1/2" x 3"			0' 6"	5111			10
"C" ~ FC-12F-G3D A; FC-22F-04P A; SM-22F-01P								
TOTAL WEIGHT								1306

PRINT DISTRIBUTION

FA 12-27-89

FA 3-27-85

SHOP 3-21

FIELD 3-28-85

Shop A4/2

MATERIAL **ASTM-A588**

BOLTS **1/2" GALV. A325 TYPE I**

SURFACE PREP **SP6**

PRIMER **NONE**

FINISH

PN *I-14-395-B(02)176 - BID ITEM 504-7002

MAINE-CASCADE IRON WORKS

BAKER STREET, CLINTON, MAINE 04927

PHONE 207-426-2671

DEC 26 1989

DESCRIPTION **CATWALK DETAILS - LONGITUDINAL**

PROJECT **BRIDGE 1395 OVER BENDSCOTT RIVER**

LOCATION **BANGOR/BREWER, ME**

DESIGNER **MAINE D.O.T.**

CUSTOMER **CIAMRO CORP**

JOBN. **89-546-2**

DWG. NO. **49**

REV. **A**

366

R90-375

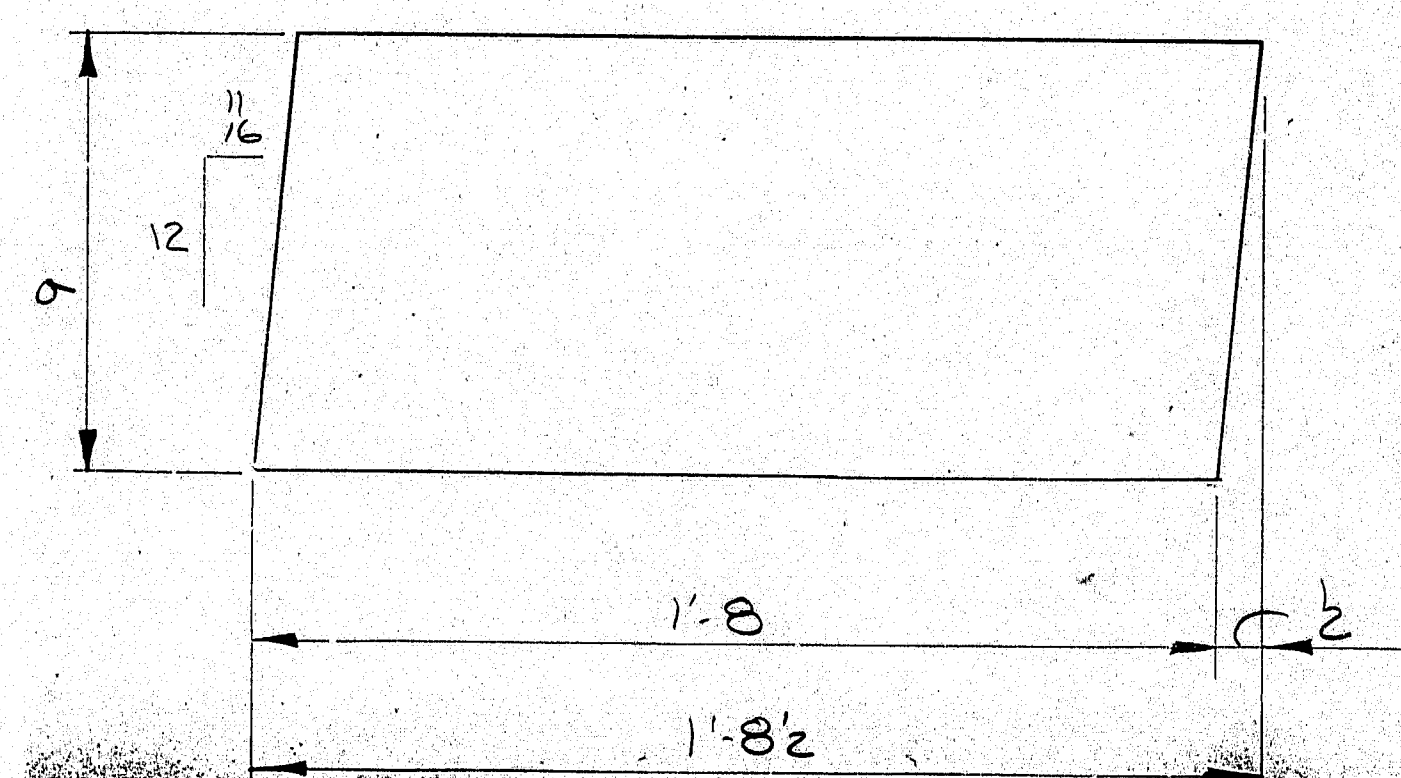
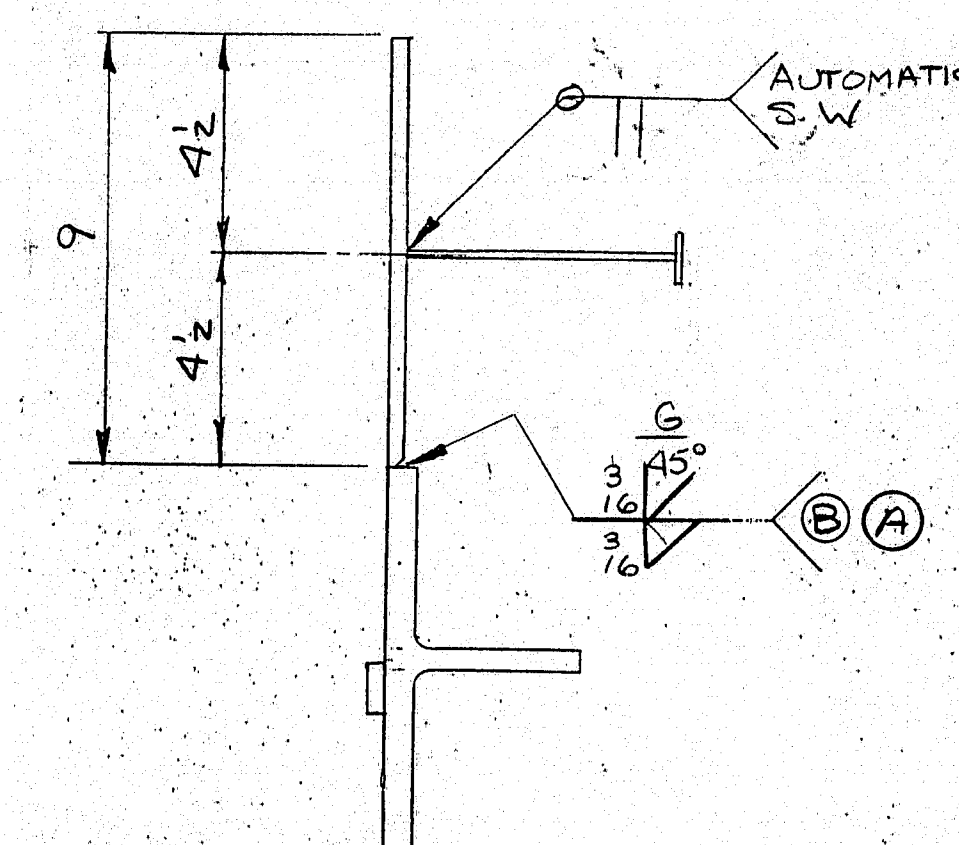
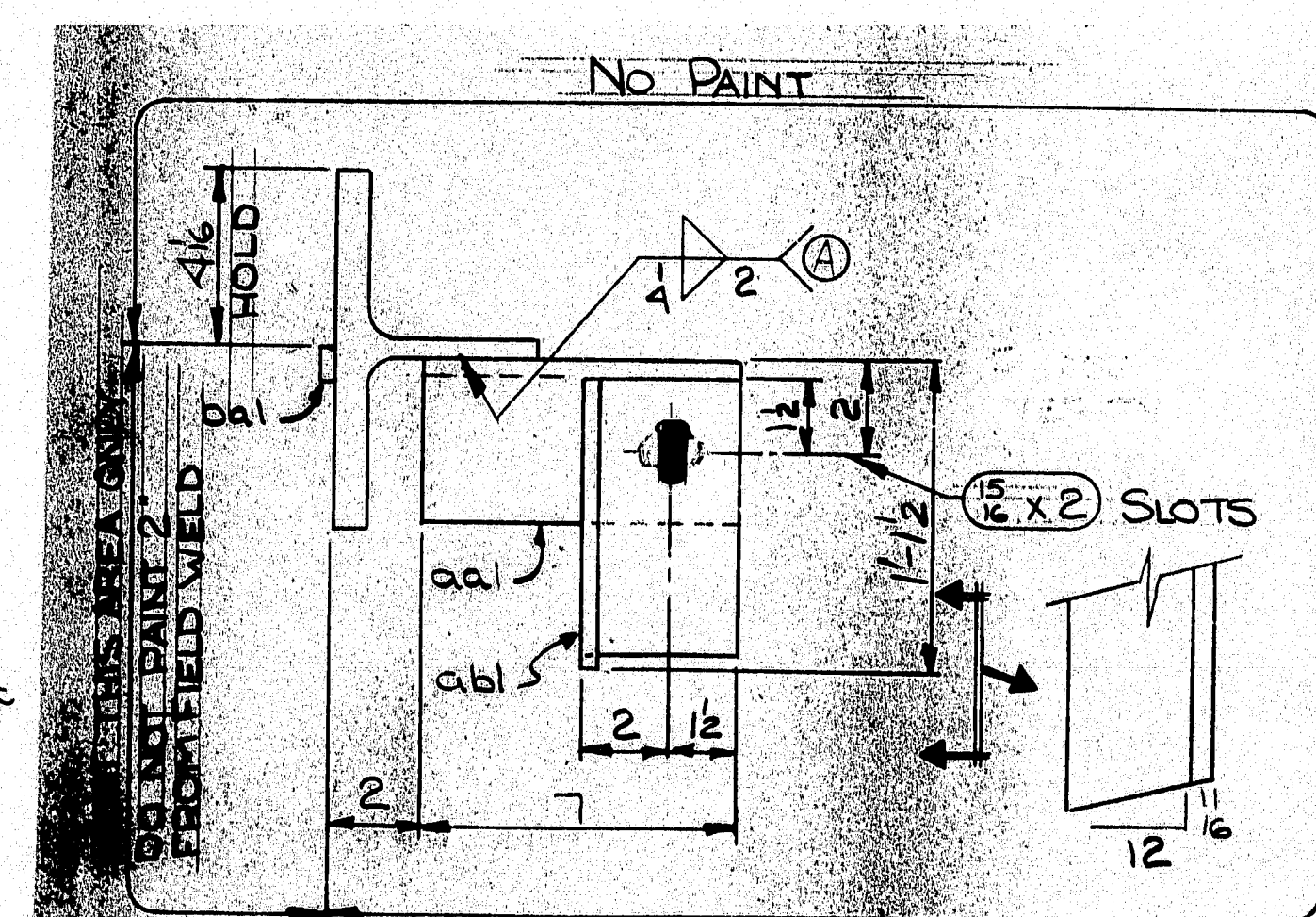
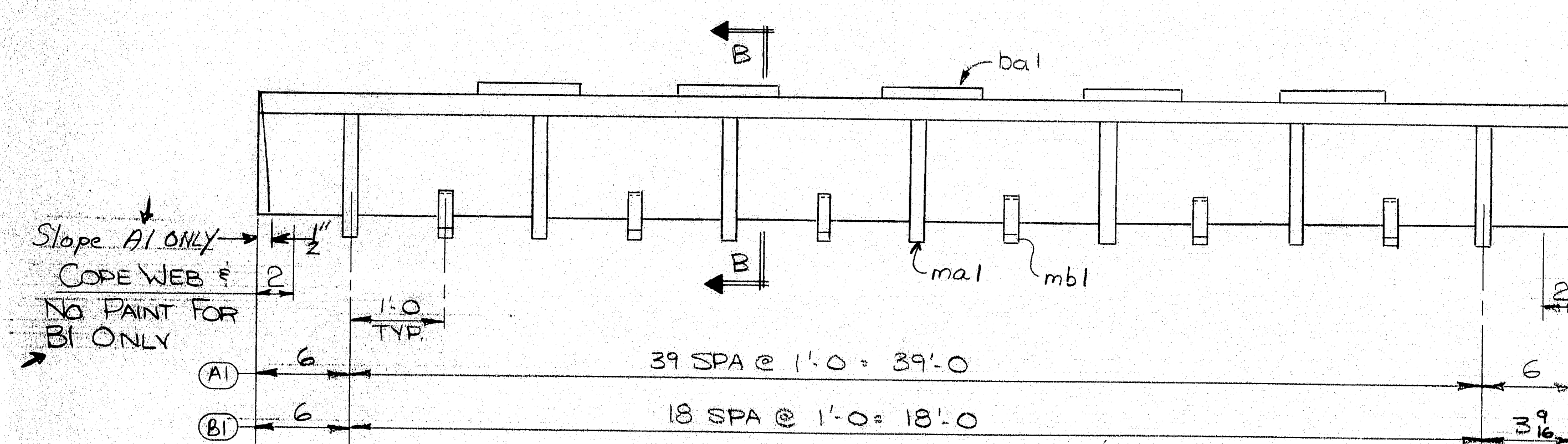
R90-³⁶⁷~~376~~

R90-368
~~377~~

R90-370

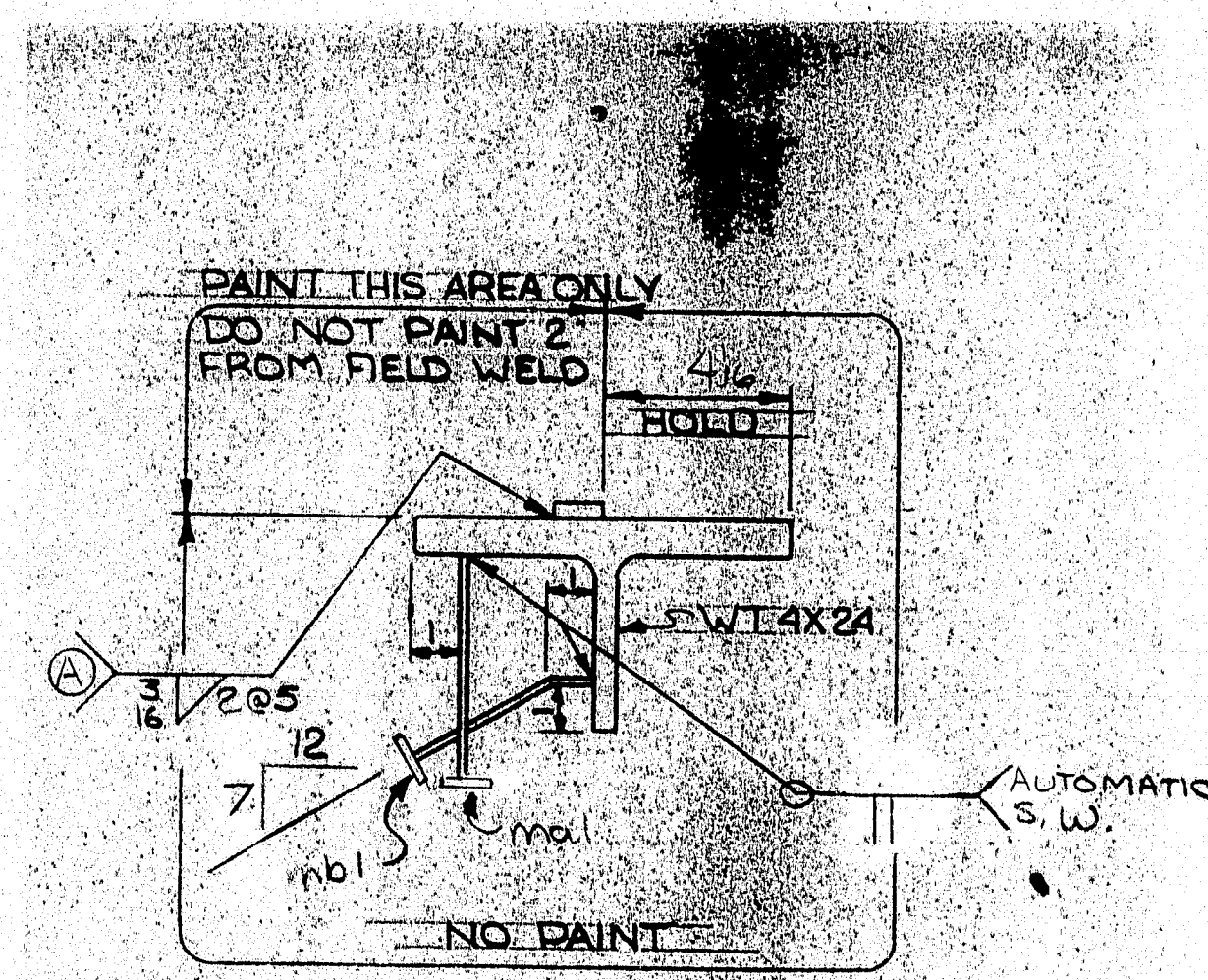
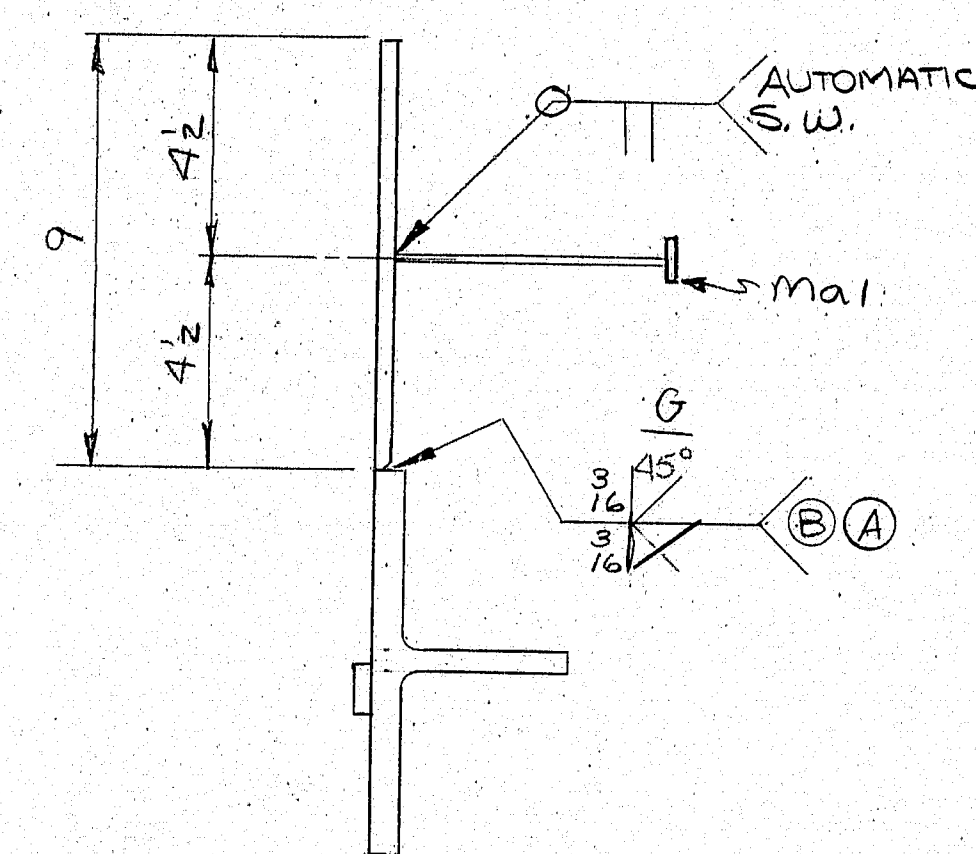
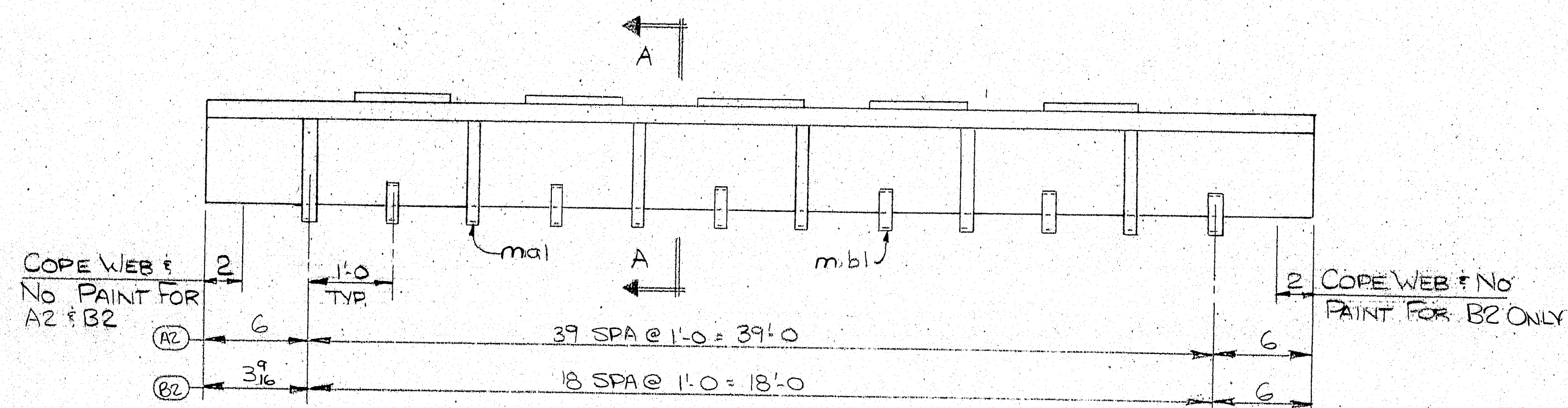
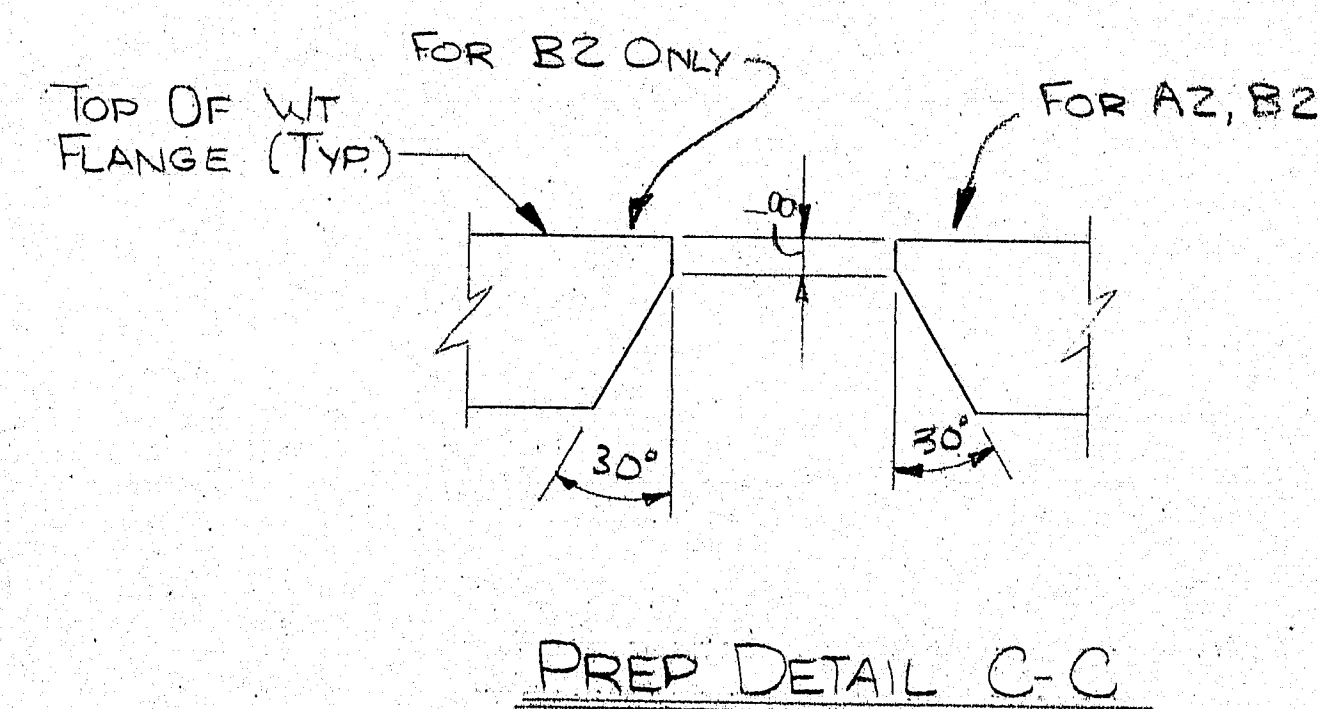
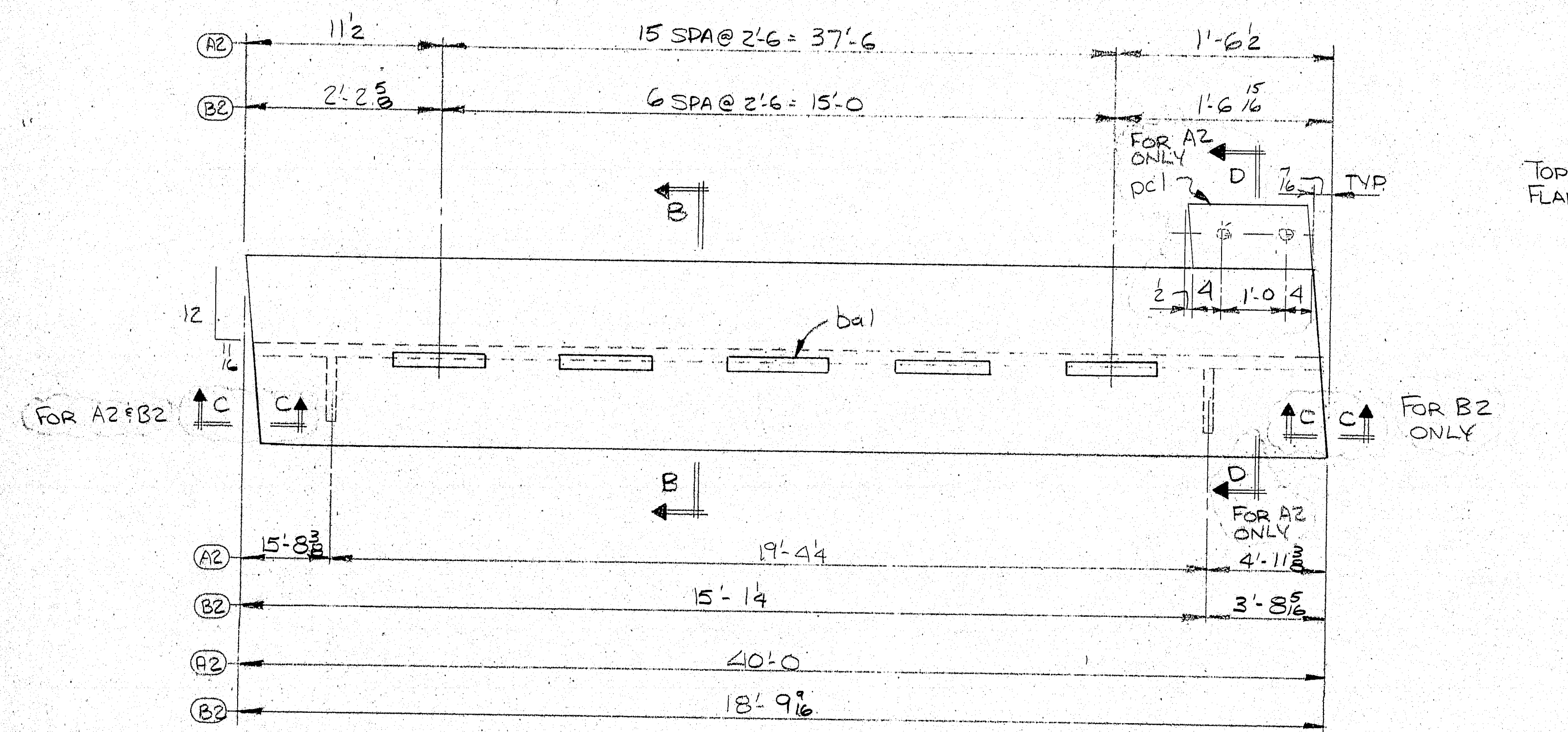
R90-371
~~380~~

372
R90-~~381~~

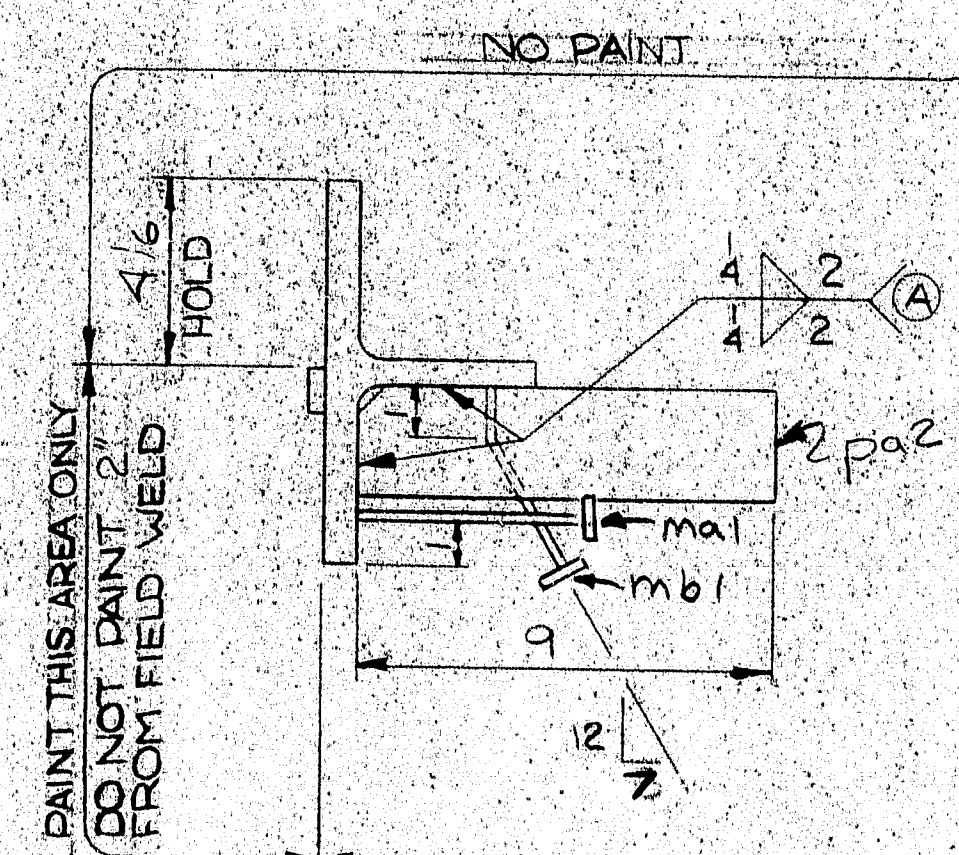


Br.# 1558 ^{Del}

R90-381



SECTION A-A



SECTION B-B

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A2	1		WT 4X28	40 0	25437	1 40 0	USE L&S	1120
B2	1		WT 4X28	18 9 1/8	25437	1 40 0	USE L&S	527
23	bal		BAR 1 X 3	1 0	574	2 20 0	CRAP TO A4+A7	29
30	mal		2 X STUDS	0 8	25437		BEND	
31	mb1		1	0 8	25437			
1	pc1		R 3 X 9	1 82	CRAPS			20
3	pa2		R 2 X 3	0 9	CRAPS			21

WELDING PROCEDURES

- (A) ~ FC-12F-03P; SM-2F-01P; FC-12F-04P
- (B) ~ GM-12G-01P; FC-1G-06P

TOTAL WEIGHT 1717

PRINT DISTRIBUTION	MATERIAL A 36	HOLES
FA 5-13-85	BOLTS	ELECTRODE WELD PROCEDURE
EA 6/10/85	SURFACE PREP SPG	REF DWG. E-1
9/10/85	PRIMER 3 COATS OF BASIC LEAD SILICO CHROME	
8/10/85	FINISH PAINT TO MEET SEC. 708.02 MDOT STD	
	SPEC. 4.0 MILS WET FILM EACH COAT	
MAINE-CASCADE IRON WORKS		
BAKER STREET, CLINTON, MAINE 04927		
PHONE 207-426-2671		
DESCRIPTION	COMPRESSION SEAL BACKWALL	
PROJECT	PENOBSCOT RIVER (I. IG-895-S(85)1	
LOCATION	BANGOR-BREWER, MAINE	
DESIGNER	M.D.O.T.	
CUSTOMER	LAWS NURSERY	
JOB NO.	7938	DWG. NO. 2
REV.		

R90-382

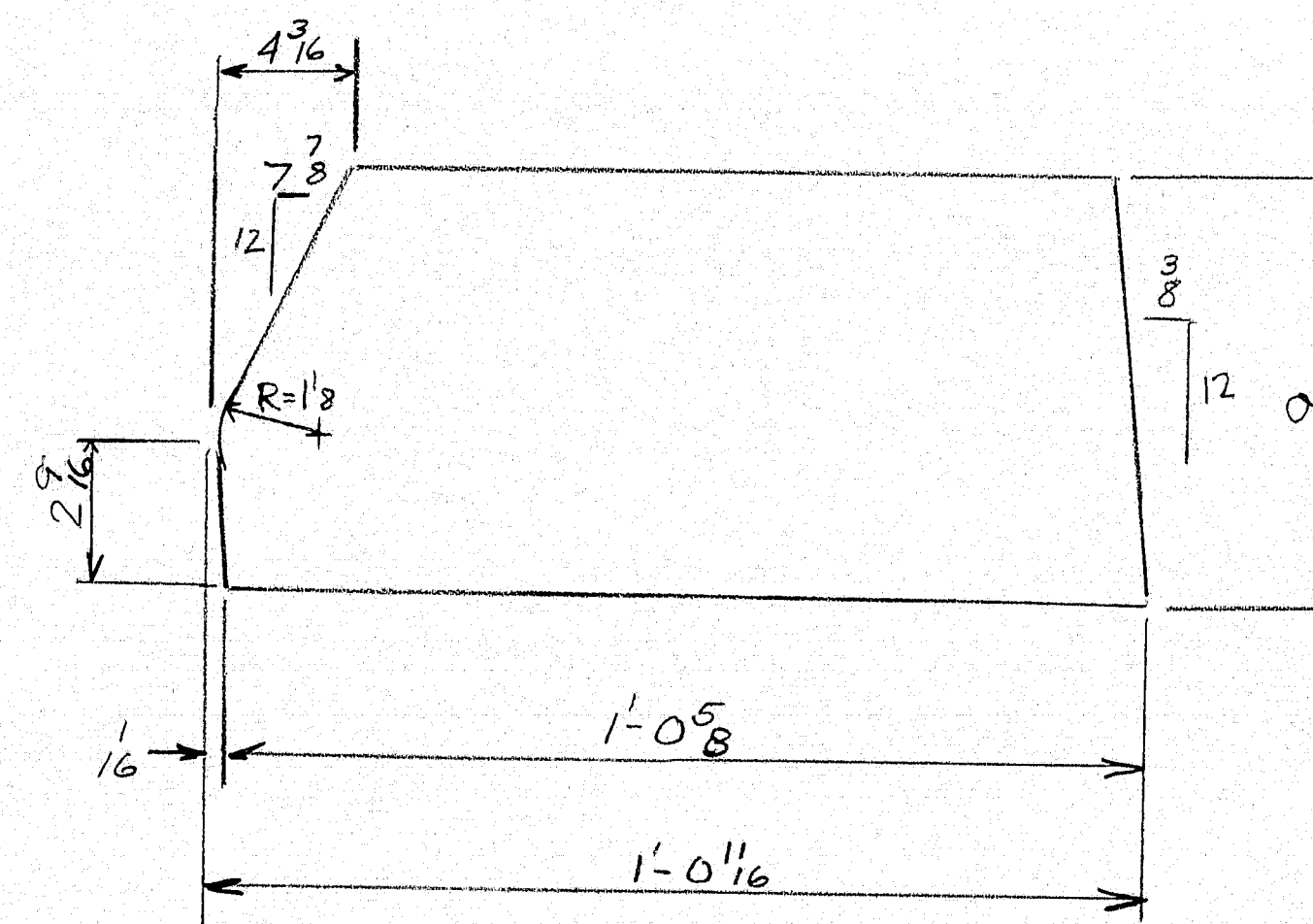
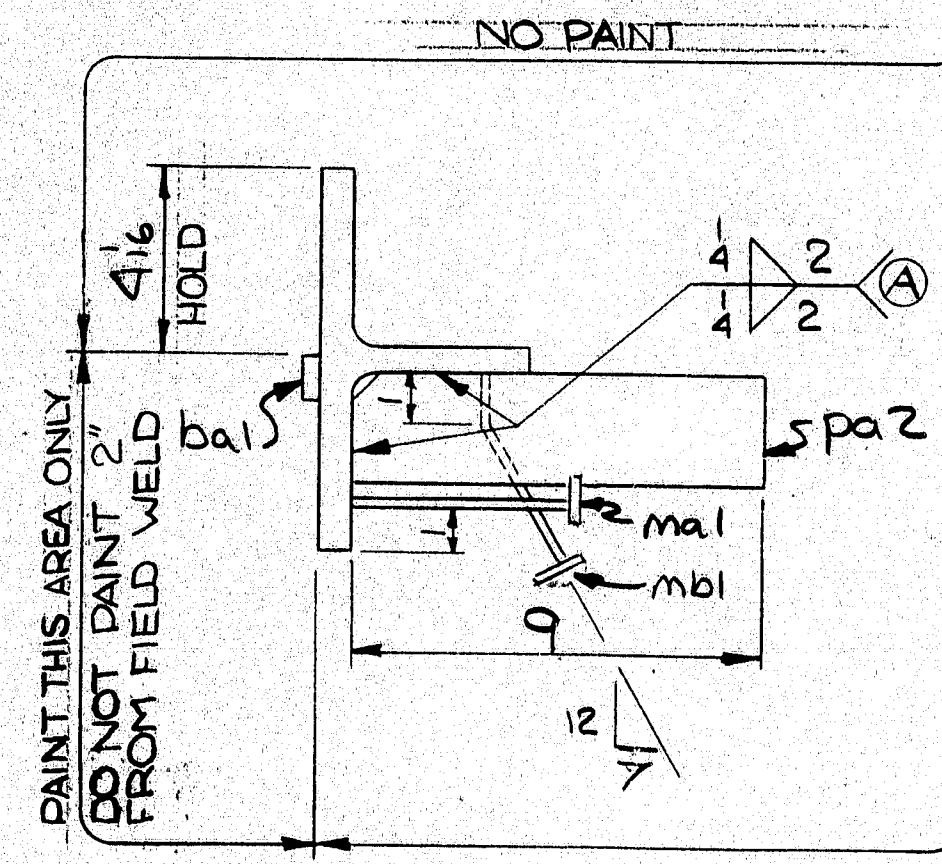
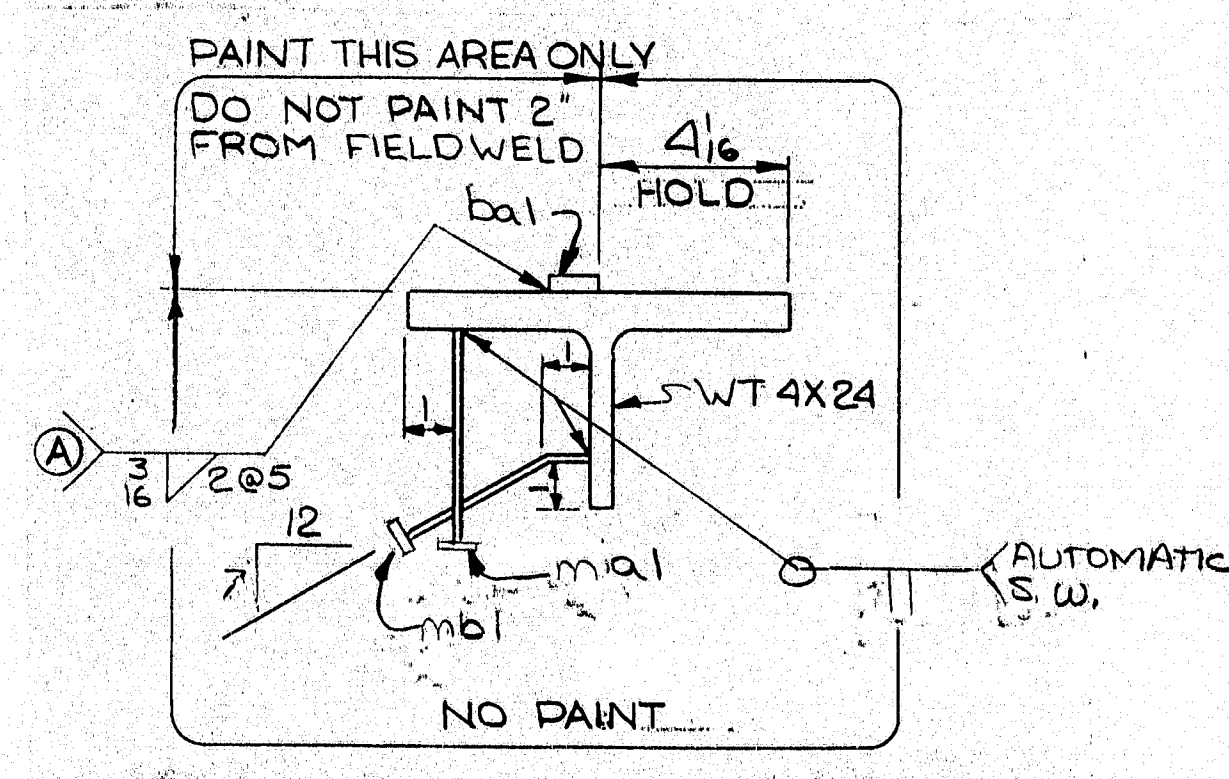
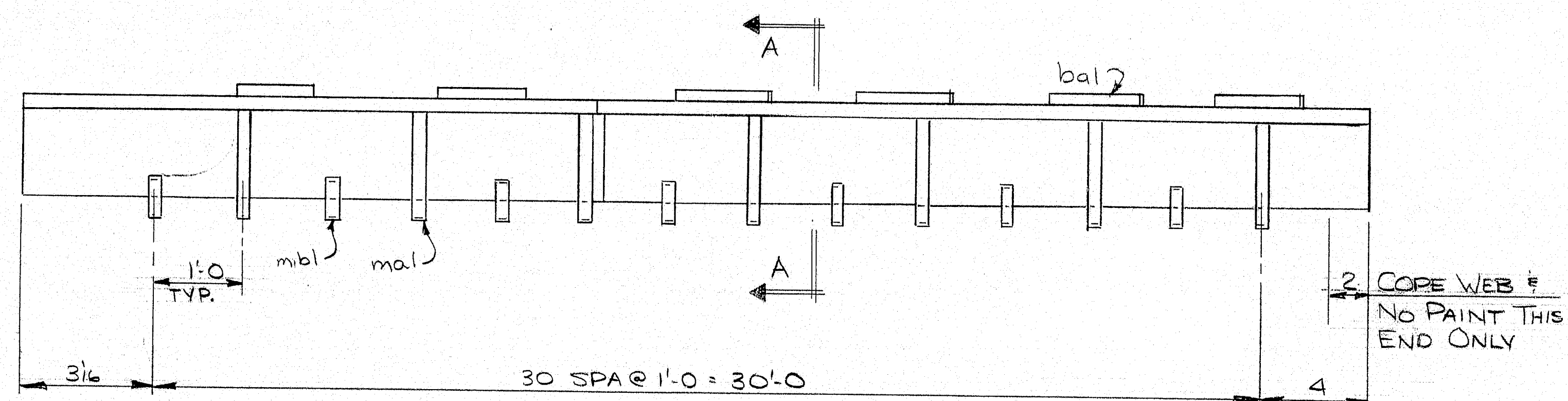
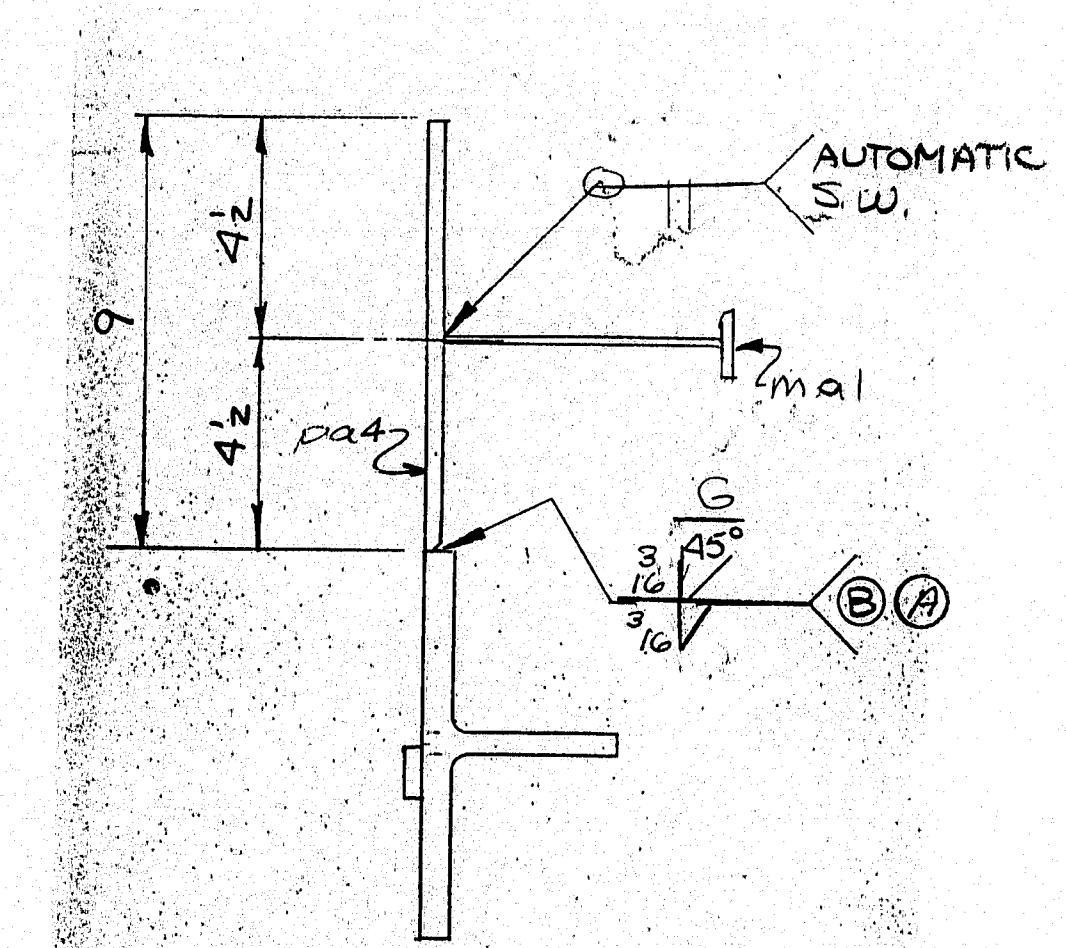
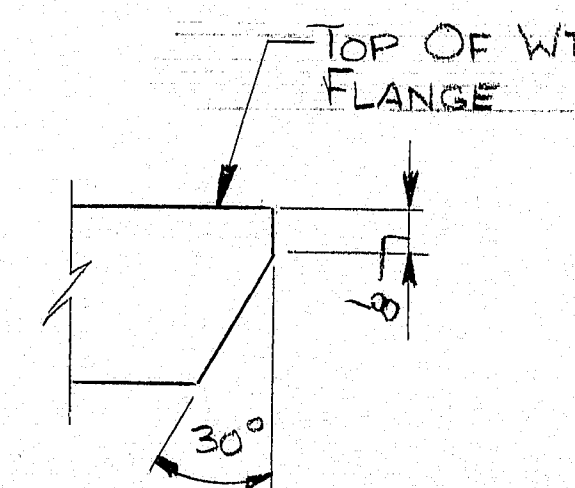
SECTION A-A

SECTION B-B

PREP DETAIL C-C

pc 3

MATERIAL SCHEDULE												
SHIPPING MARK	NO. PCS.	SUB- ASSEM.	SHAPE	LENGTH		O OR S	CUT FROM			REMARKS	WT.	
				FT.	IN.		NO.	FT.	IN.			
A3	1		ASSEMBLY									
LF	ma3		WT 4 X 24	30	7 1/2	25437	1	40	0	(USE W02748) CROP TO 44 (915)	734	
11	ba1		BAR 1 X 3/8	1	0	CROP FROM B1					14	
18	ma1		2P STUPE	0	8	25437						
15	mb1		DO	0	8	25437				BEND		
2	aal		2 3 1/2 X 3 1/2 X 3/8	0	7	CROP FROM B1					10	
2	ab3		DO	1	1 1/2					BIE	11	
2	SHOP		3/4 A325	0	2	25436				WIN F W		
1	pc3		12 3/8 X 9	1	7 1/2	CROPS						
1	ba3		BAR 1 X 3/8	0	5 1/2	CROP FROM B1				BIE	12	
1	bb3		DO	0	6 3/4						64	
											64	
WELD PROCEDURES												
(A) ~ FC-12F-03P Δ; SM-2F-01P; FC-12F-04P Δ												
(B) ~ GM-12G-01P Δ; FC-1G-06P												
										TOTAL WEIGHT	915	
PRINT DISTRIBUTION				MATERIAL A36				HOLES AS NOTED				
FA 5-13-85				BOLTS				ELECTRODE WELD PROCEDURE				
FA 6/19/85				SURFACE PREP SPG				REF. DWG. E1				
f SHOP 6/27/85				PRIMER 3 COATS OF BASIC LEAD SILICO CHROMATE								
field 7-2-85				FINISH PAINT TO MEET SEC. 708.02 MDOF STD.								
				SPEC 4.0 MILS WET FILM EACH COAT UNO								
MAINE-CASCADE IRON WORKS												
BAKER STREET, CLINTON, MAINE 04927												
PHONE 207-426-2671												
DESCRIPTION COMPRESSION SEAL SUPERSTRUCTURE												
PROJECT PENOBSCOT RIVER (I-IG-395-8(85)176)												
LOCATION BANGOR - BREWER, MAINE												
DESIGNER M.D.O.T.												
CUSTOMER LAWS NURSERY												
REV Δ				JOB NO. 7938				DWG. NO. 3				
CHK'D JHS 8/1/85								REV A				
DRAWN JHS 12-18-85												



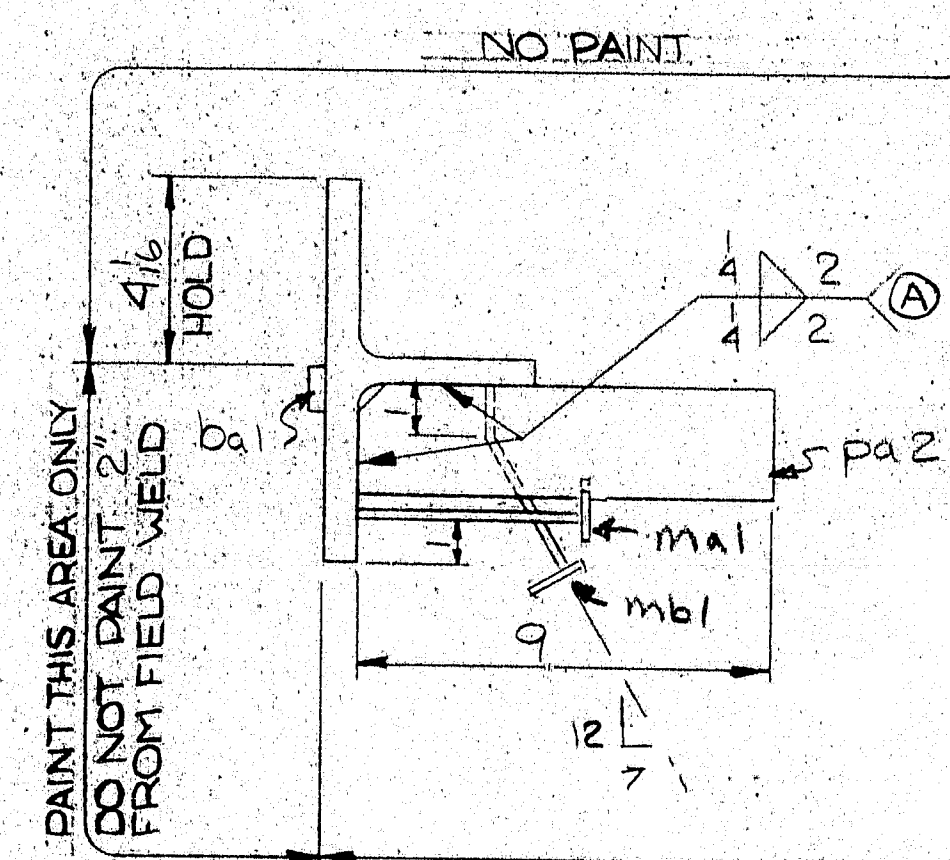
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				FT.	IN.		NO.	FT. IN.		
A4	1		ASSEMBLY							
	LF	ma3	WT 4X24	30	7 1/2		CROP FROM A3		(763)	734
	12	ba1	BAR 1X 3/8	1	0		CROP FROM B2			15
	18	ma	1/2" STUDS	0	8		25437			
	15	mb1	DO	0	8		25437		BEND	↙
	2	pa2	R 1/2 X 3	0	9		CROPS			
	1	pa4	R 3/4 X 9	1	0 1/2		CROPS			12
	1	bb4	BAR 1X 3/8	0	9		CROP FROM B1			11

- (A) \sim FC-12F-03P \triangle ; SM-2F-01P; FC-12F-04P \triangle
- (B) \sim GM-12G-01P \triangle ; FC-1G-06P

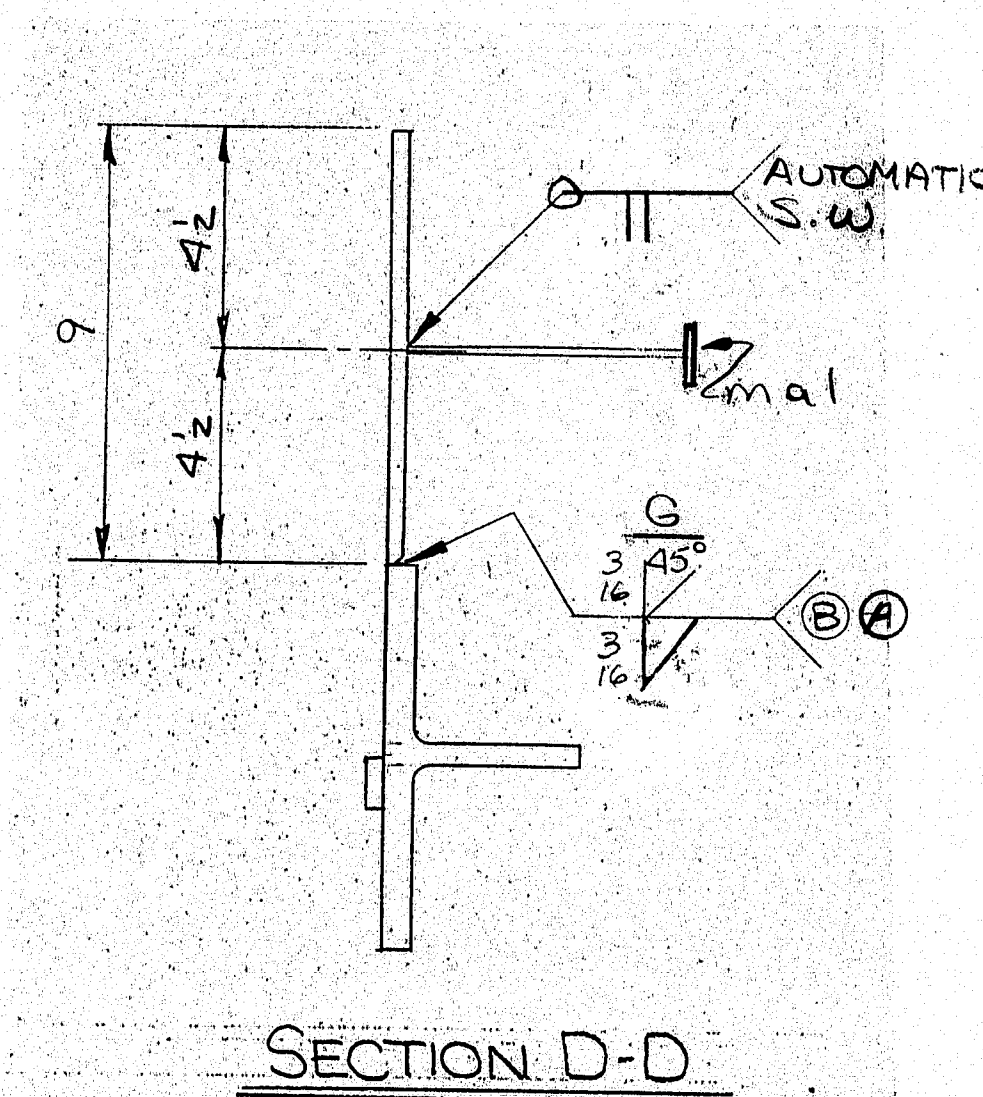
<div>PRINT DISTRIBUTION</div>	<div>TOTAL A36</div> <div>HOLES</div>
<div>PA 5-13-85</div>	<div>BOLTS</div> <div>ELECTRODE WELD PROCEDURE</div>
<div>PA 6/18/85</div>	<div>SURFACE PREP SP6</div> <div>REF. DWG. E-1</div>
<div>PA 6/22/85</div>	<div>PRIMER 3 COATS OF BASIC LEAD SILICO CHROMATE</div>
<div>PA 7-2-85</div>	<div>FINISH PAINT TO MEET SEC. 708.02 MDOT STD. SPEC. 4.0 MILS WET FILM EACH COAT UNO.</div>
<div>4</div> <div>HKD</div> <div>HWY</div> <div>11 5/18/85</div> <div>145 12-14-84</div>	<div>MAINE-CASCADE IRON WORKS</div> <div>BAKER STREET, CLINTON, MAINE 04927</div> <div>PHONE 207-428-2871</div> <div>DESCRIPTION COMPRESSION SEAL BACKWALL</div> <div>PROJECT PENOBSCOT RIVER (1-IG-395-8(S)) (X)</div> <div>LOCATION BANGOR - BREWER, MAINE</div> <div>DESIGNER M.D.O.T.</div> <div>CUSTOMER LAWS NURSERY</div> <div>JOB NO. 7938</div> <div>DWG. NO. 4</div> <div>REV.</div>

R90-384

R90-385



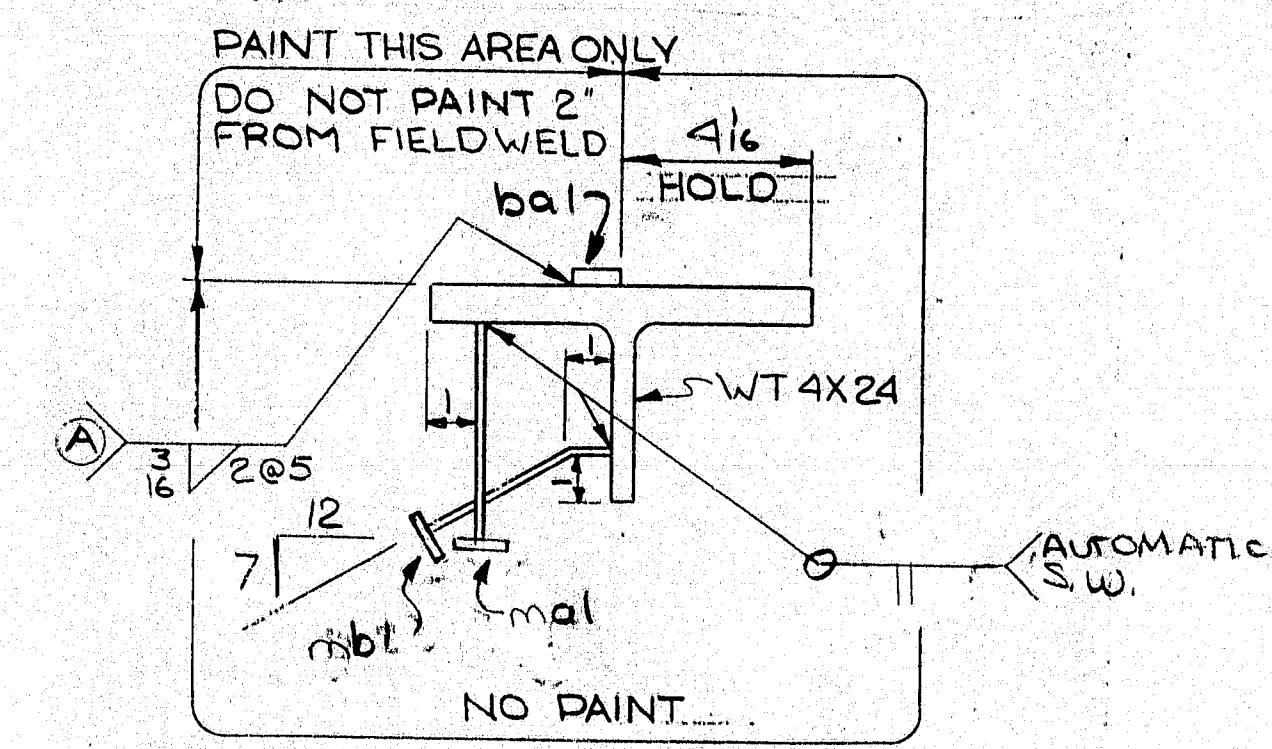
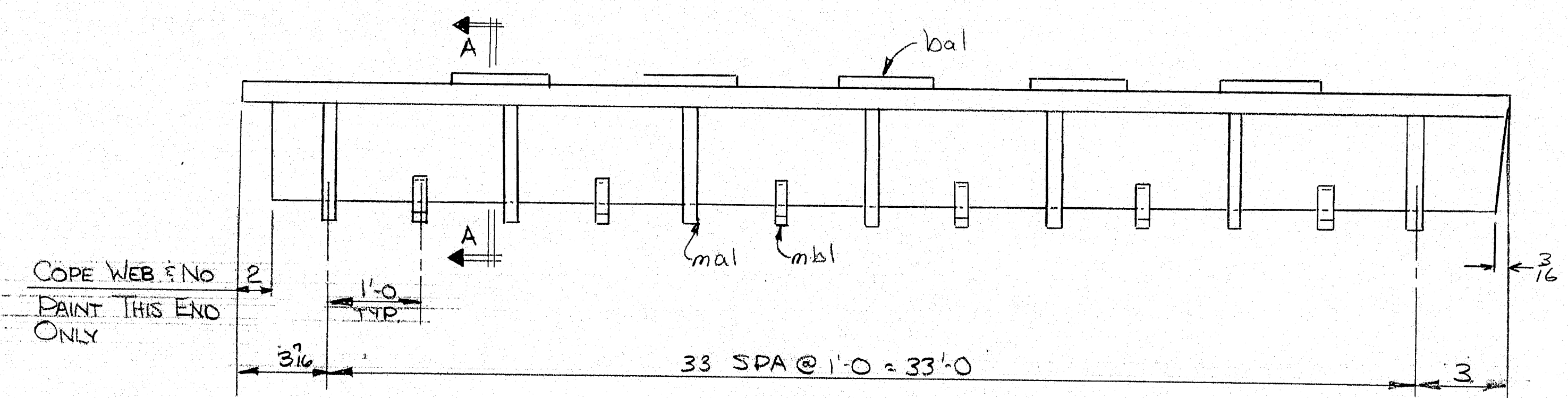
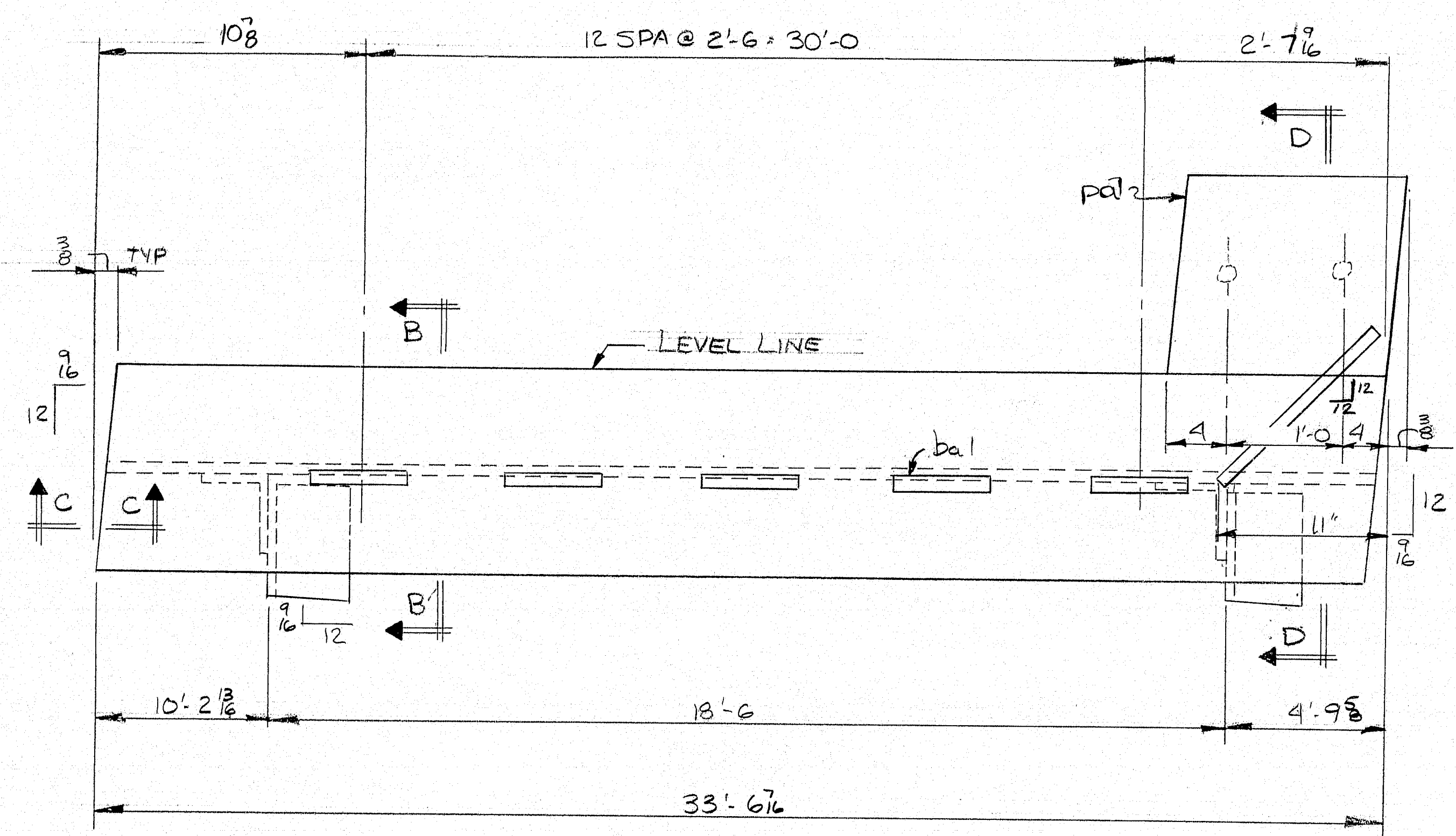
SECTION B-B



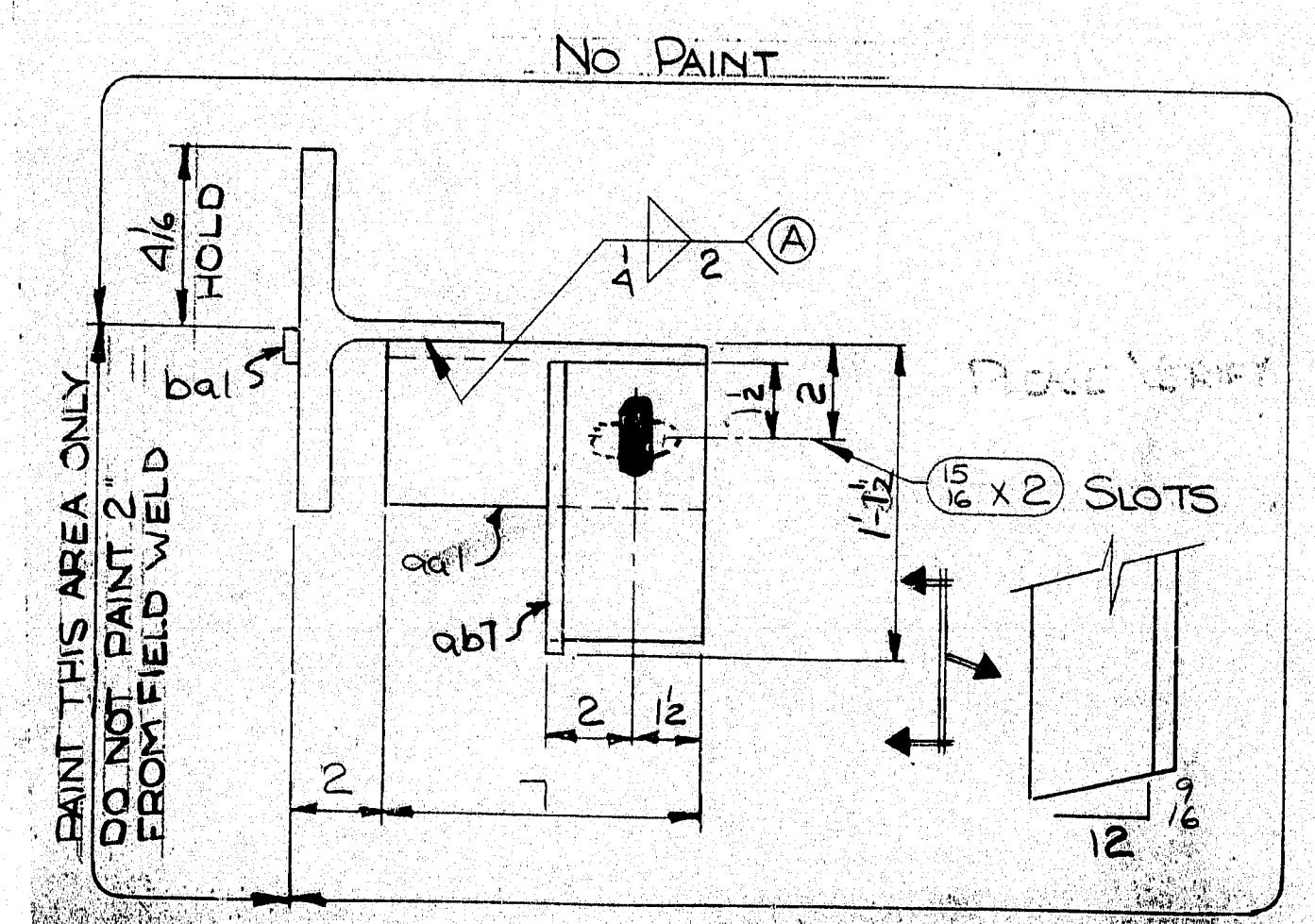
SECTION D-D

PRINT DISTRIBUTION	MATERIAL	36	15 40
FA 5-13-85	BOLTS		HOLES
EP 6/17/85	SURFACE PREP	SP6	ELECTRODE WELD PROCEDURE
SHOP 8/22/85	PRIMER	3 COATS OF BASIC LEAD SILICO CHROMATE	REF DWG E1
FIELD 7-2-86	FINISH PAINT TO MEET	SEC 708.02 M.DOT STD.	
		SPEC. 4.0 MILS WET FILM EACH COAT UNO	
	MAINE-CASCADE IRON WORKS BAKER STREET, CLINTON 049 ⁰⁷ PHONE 207-426-26..		
	DESCRIPTION	COMPRESSION SEAL BACKWALL	
	PROJECT	PENOBSCOT RIVER (1-IG-395-8(85)/76)	
	LOCATION	BANGOR - BREWER, MAINE	
	DESIGNER	M.D.O.T.	
	CUSTOMER	LAWS NURSERY	
CHKD	JOB NO.	7938	DWG. NO. 6
			REV.

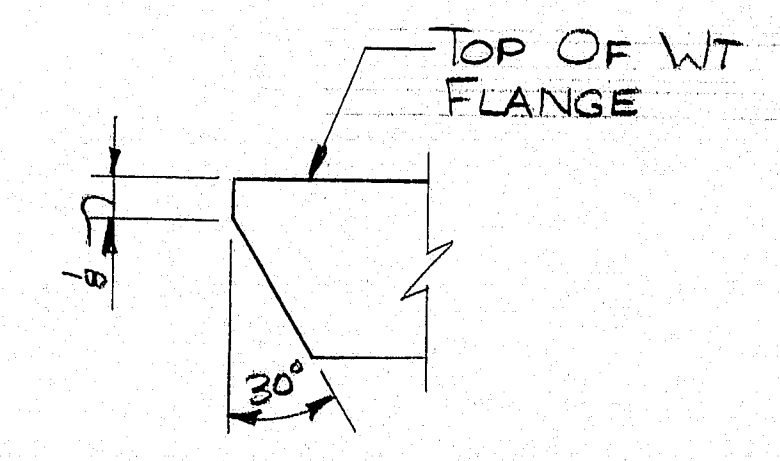
R90-386



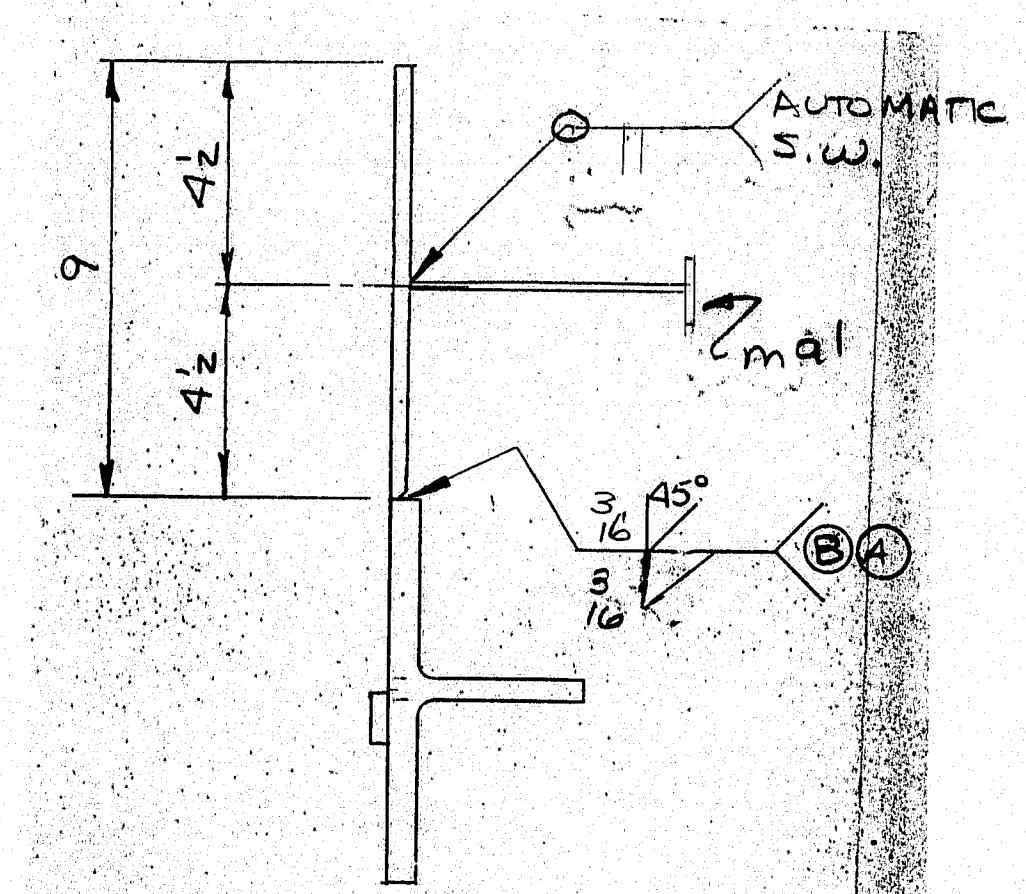
SECTION A-A



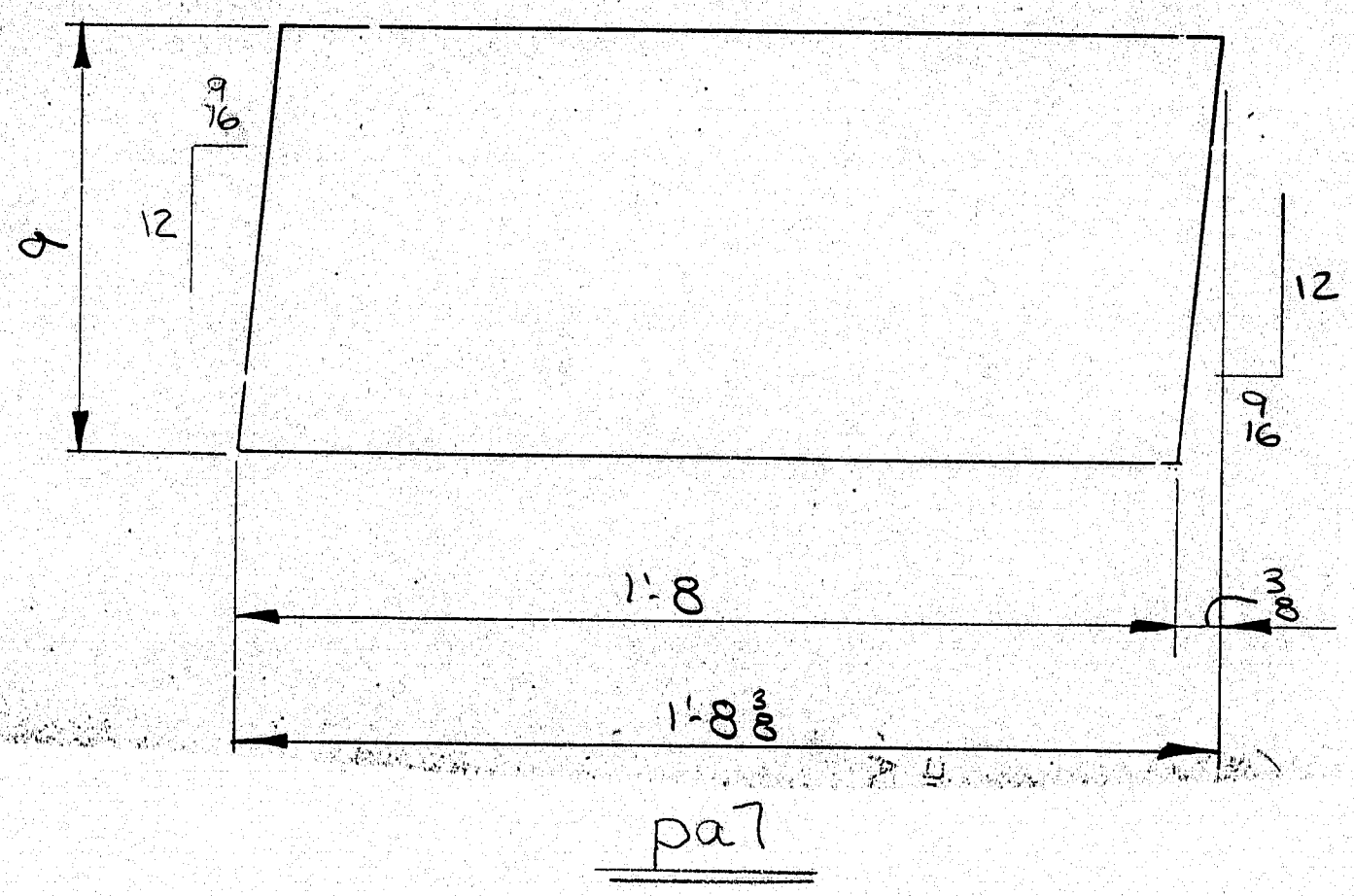
SECTION B-B



PREP DETAIL C-C



SECTION D-D



MATERIAL SCHEDULE

SHIPPING MARK	NO. POS.	SUB-ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A7	1		WT 4X24	33	6 1/2	CROP TO B1	BZE	824
19	bal		BAR 1X 3/8	1	0	STR 1 20 0'	CROPS FROM B3	18
19	mal		20 STUDS	0	8	25437	CROPS FROM B3	
17	mbl		L	0	8	25437	BEND	
2	aal		232X 3/2X 3/8	0	7	CROP FROM B1		10
2	abl		DO	1	1		BIE	17
2	shop		3 d. A325	0	2	25436	W/N * W	
1	pa1		2 1/2 X 9	1	8 3/8	CROPS		19

WELDING PROCEDURES

- (A) ~ FC-12F-03P; SM-2F-01P; FC-12F-04P
- (B) ~ GM-12G-01P; FC-1G-06P

PRINT DISTRIBUTION

FA 5-13-85
FR 6-19-85
FOR 6-22-85
GOLD 7-2-85

MATERIAL A36

BOLTS SURFACE PREP SP6

PRIMER 3 COATS OF BASIC LEAD SILICO CHROMATE

FINISH PAINT TO MEET SEC. 708.02 MDOT STD.

SPEC. 4.0 MILS WET FILM EACH COAT UNO.

MAINE-CASCADE IRON WORKS

BAKER STREET, CLINTON, MAINE 04927
PHONE 207-426-2871

DESCRIPTION COMPRESSION SEAL SUPERSTRUCTURE

PROJECT PENOBSCOT RIVER (I-JG-315-8(85)176)

LOCATION BANGOR-BREWER, MAINE

DESIGNER M.D.O.T.

CUSTOMER LAWS NURSERY

REV. A

CHKD JHS 12-28-84

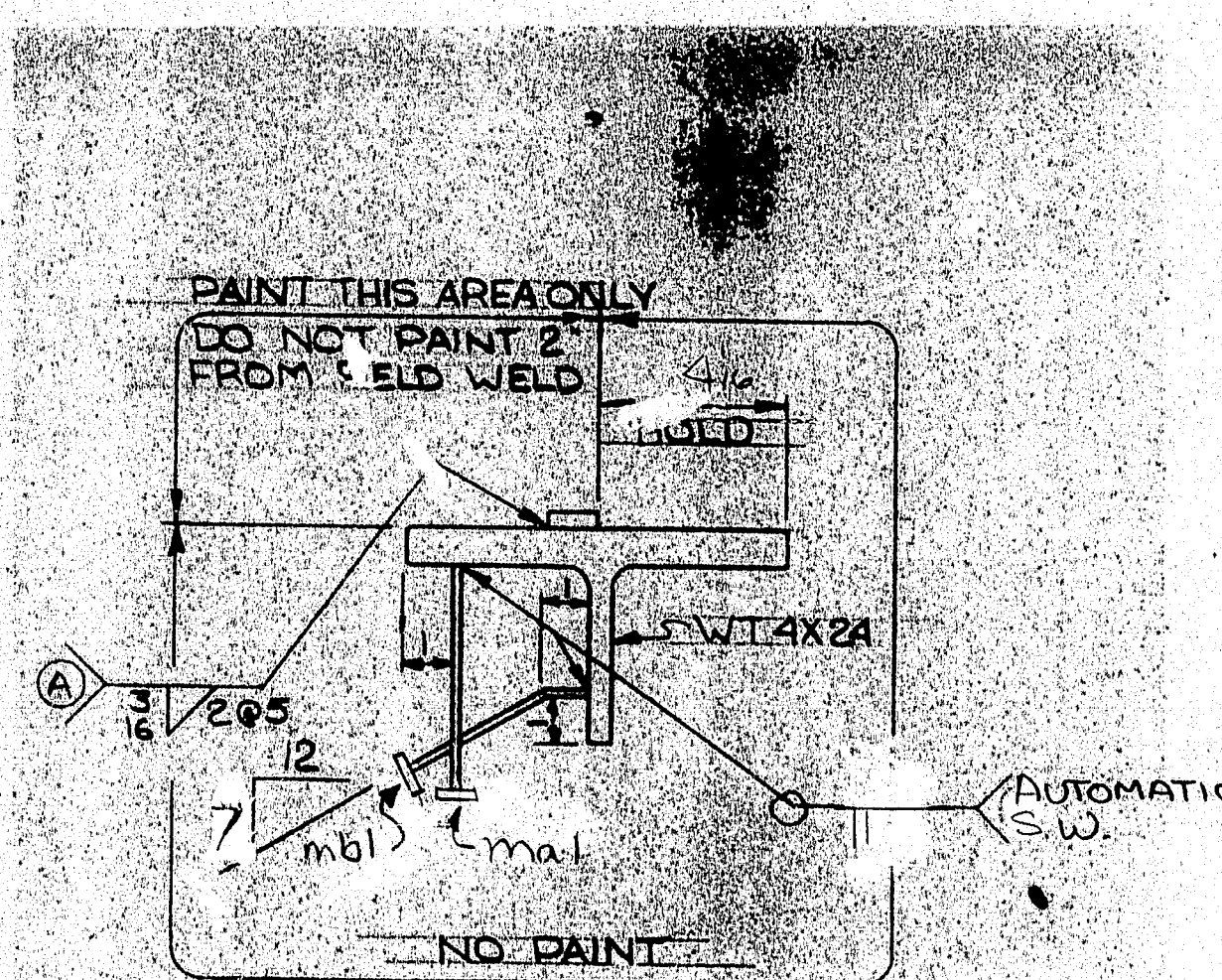
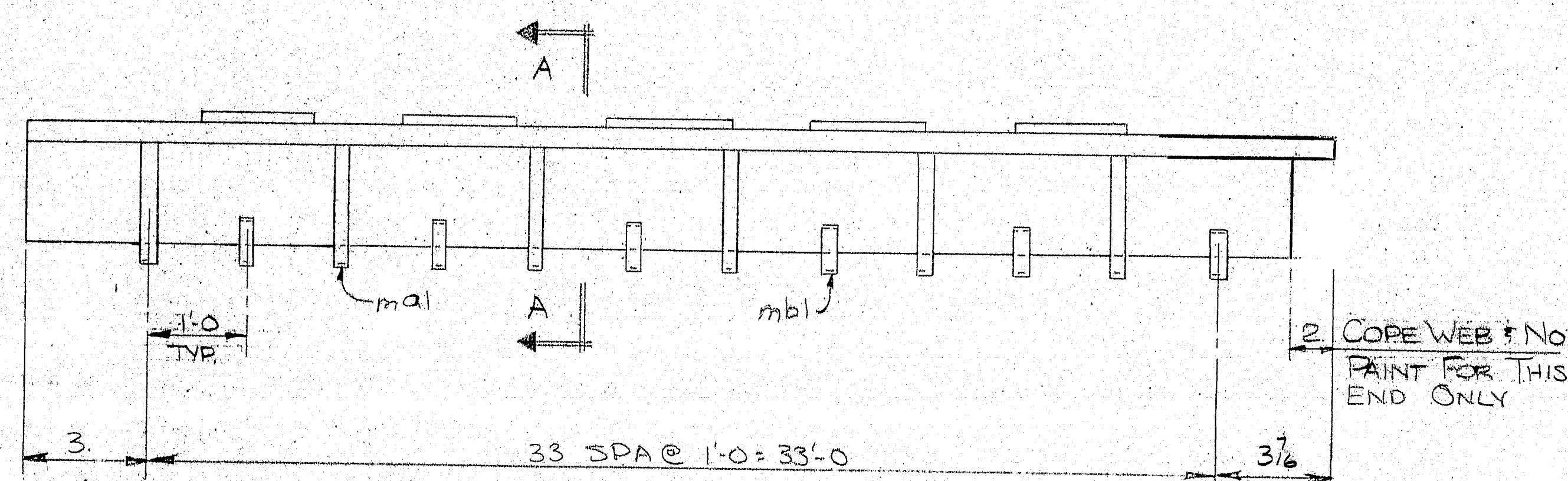
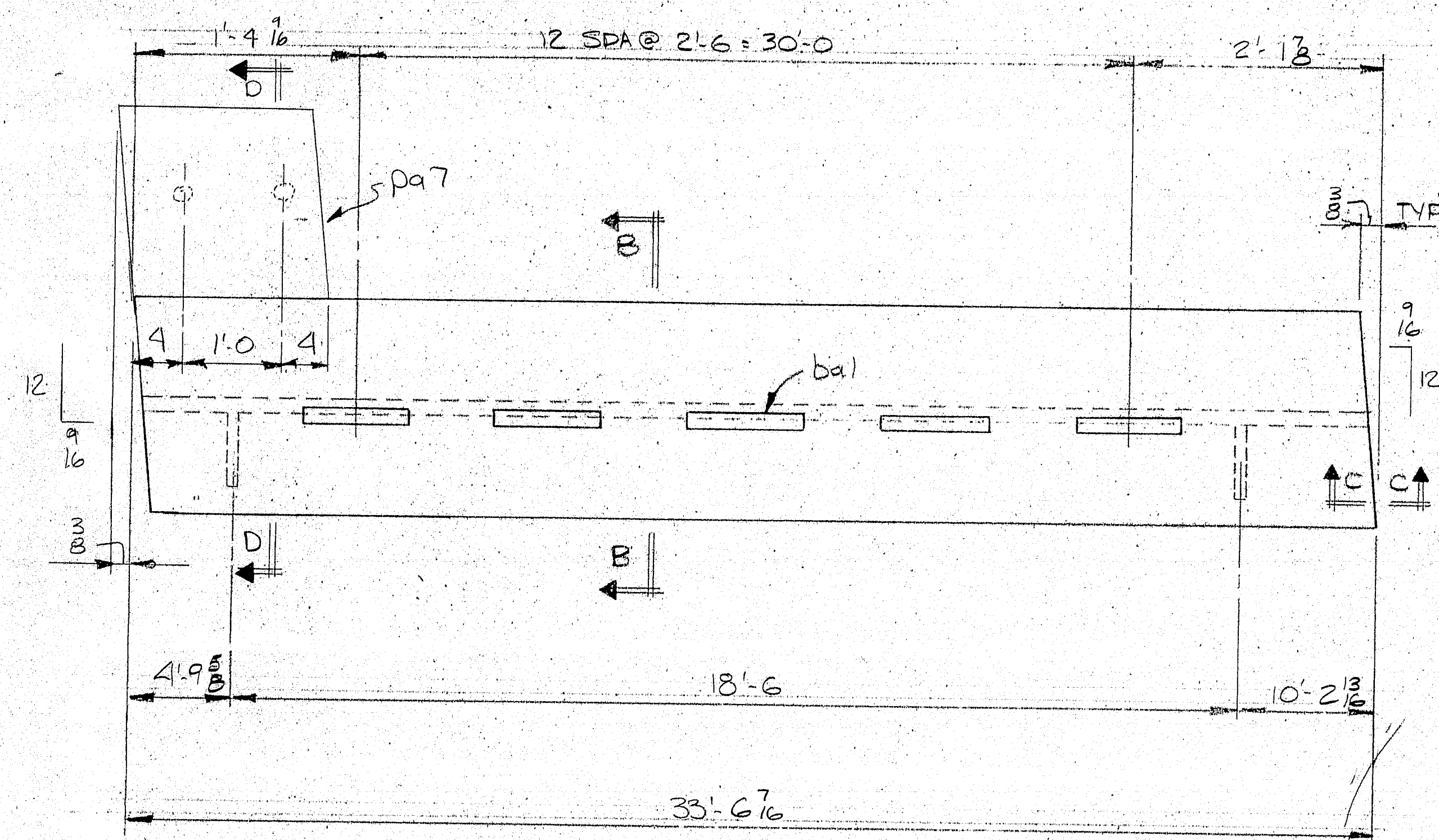
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JOB NO. 7938

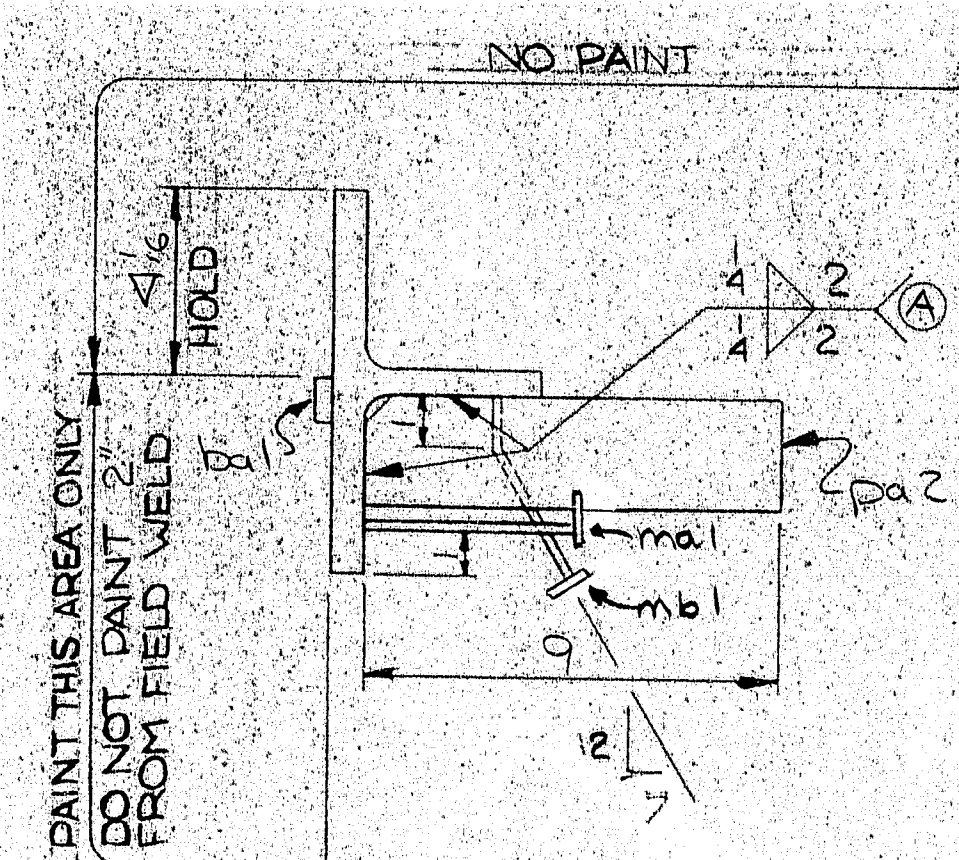
DWG. NO. 7

REV. A

R90-387

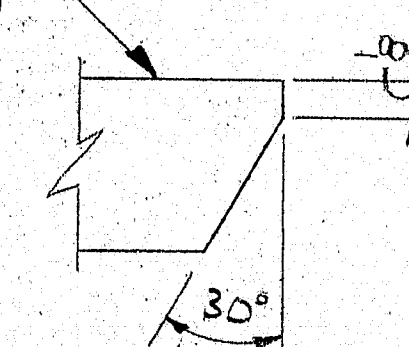


SECTION A-A

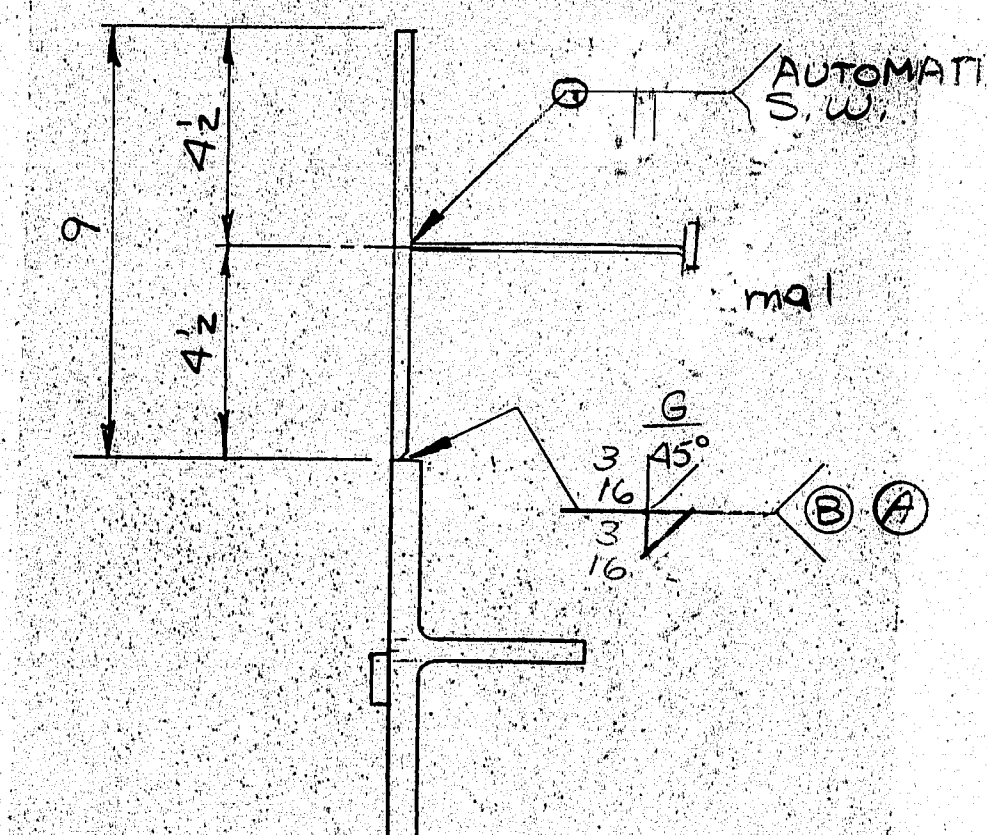


SECTION B-B

TOP OF WT FLANGE (TYP)



PREP DETAIL C-C



SECTION D-D

MATERIAL SCHEDULE

SHIPPING MARK	NO. PCS.	SUB-ASSEM.	SHAPE	LENGTH FT. IN.	O OR S	CUT FROM NO. FT. IN.	REMARKS	WT.
A8	1		WT 4X28	33 6 7/16		CROP FROM B2	(978)	940.
13	ba1		BAR 1 X 3	1 0		CROP FROM AT+B1		17
19	mal		2 0 STUDS	0 8	25497			
17	mbl		+	0 8	25497		BEND 1/2"	
2	pa2		2 X 3	0 9		CROPS		2
1	pa7		2 X 9	1 8 3/8		CROPS		19

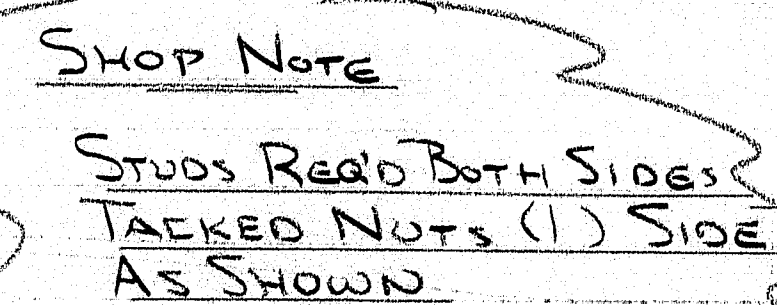
WELDING PROCEDURES

(A) ~ FC-12F-03P Δ; SM-2F-01P; FC-12F-04P Δ

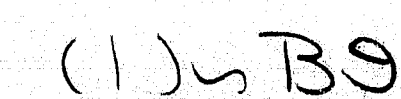
(B) ~ GM-12G-01P Δ; FC-1G-06P

PRINT DISTRIBUTION		MATERIAL A 36		TOTAL WEIGHT 978	
FA	5-13-85	BOLTS		HOLES	
FA	6/19/85	SURFACE PREP SP6		ELECTRODE WELD PROCEDURE	
CHOP	2/22/85	PRIMER 3 COATS OF BASIC LEAD SILICO CHROMATE		REF. DWG. E-1	
field	7-2-85	FINISH PAINT TO MEET SEC. 708.02 M.D.O.T. STD.			
		SPEC. 4.0 MILS WET FILM EACH COAT UNO			
MAINE-CASCADE IRON WORKS					
BAKER STREET, CLINTON, MAINE 04927					
PHONE 207-426-2671					
DESCRIPTION COMPRESSION SEAL BACKWALL					
PROJECT PENOBSCOT RIVER (I-IG-395-8(85)176)					
LOCATION BANGOR - BREWER, MAINE					
DESIGNER M.D.O.T.					
CUSTOMER LAWS NURSERY					
REV Δ		JHS	7938	DWG. NO. 8	REV Δ
CHKD					
DRWN.					

R90-388



SHOP NOTE
MATCH CONTOURS OF A9
TO B9 BEFORE SHIPPING



R90-389