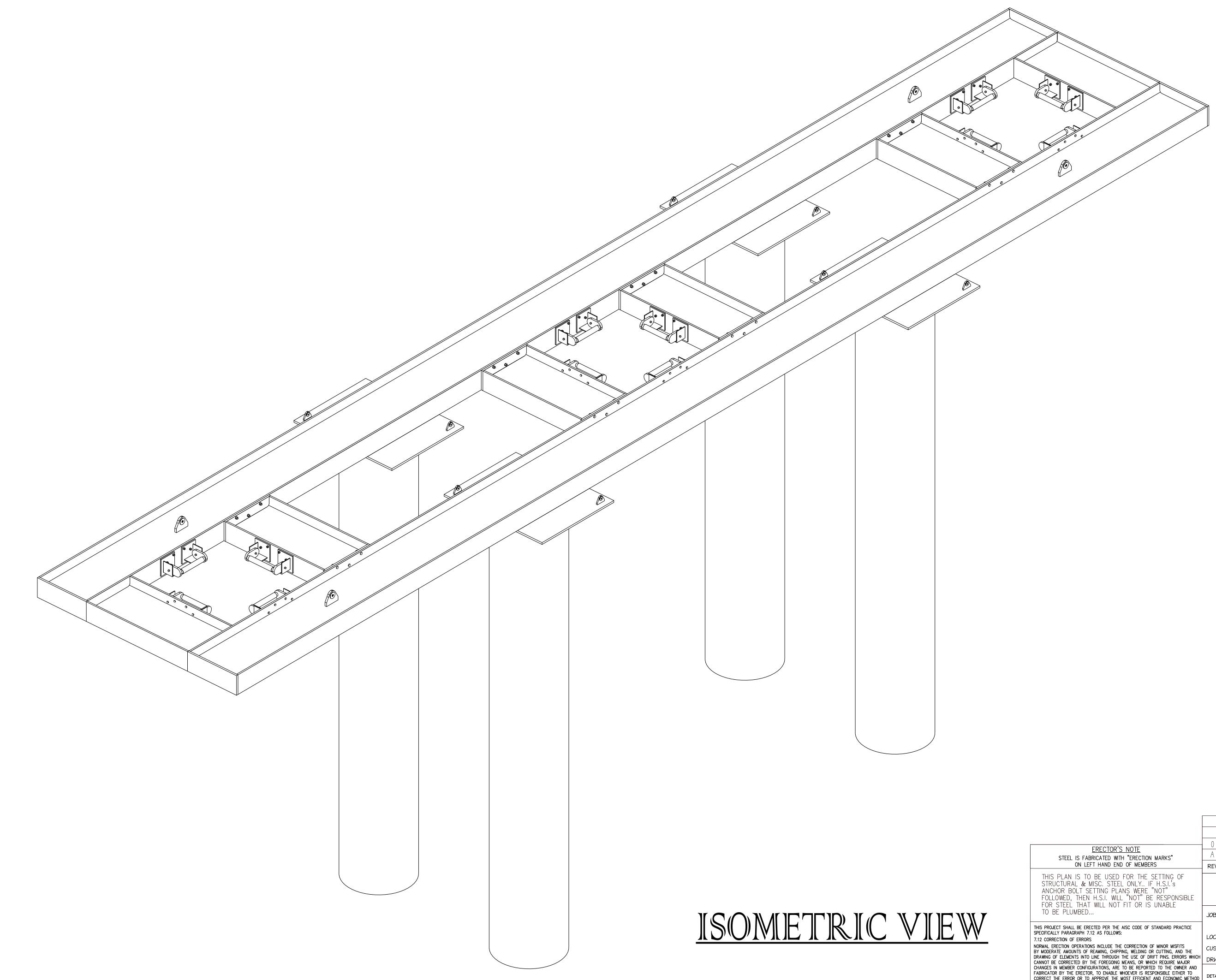
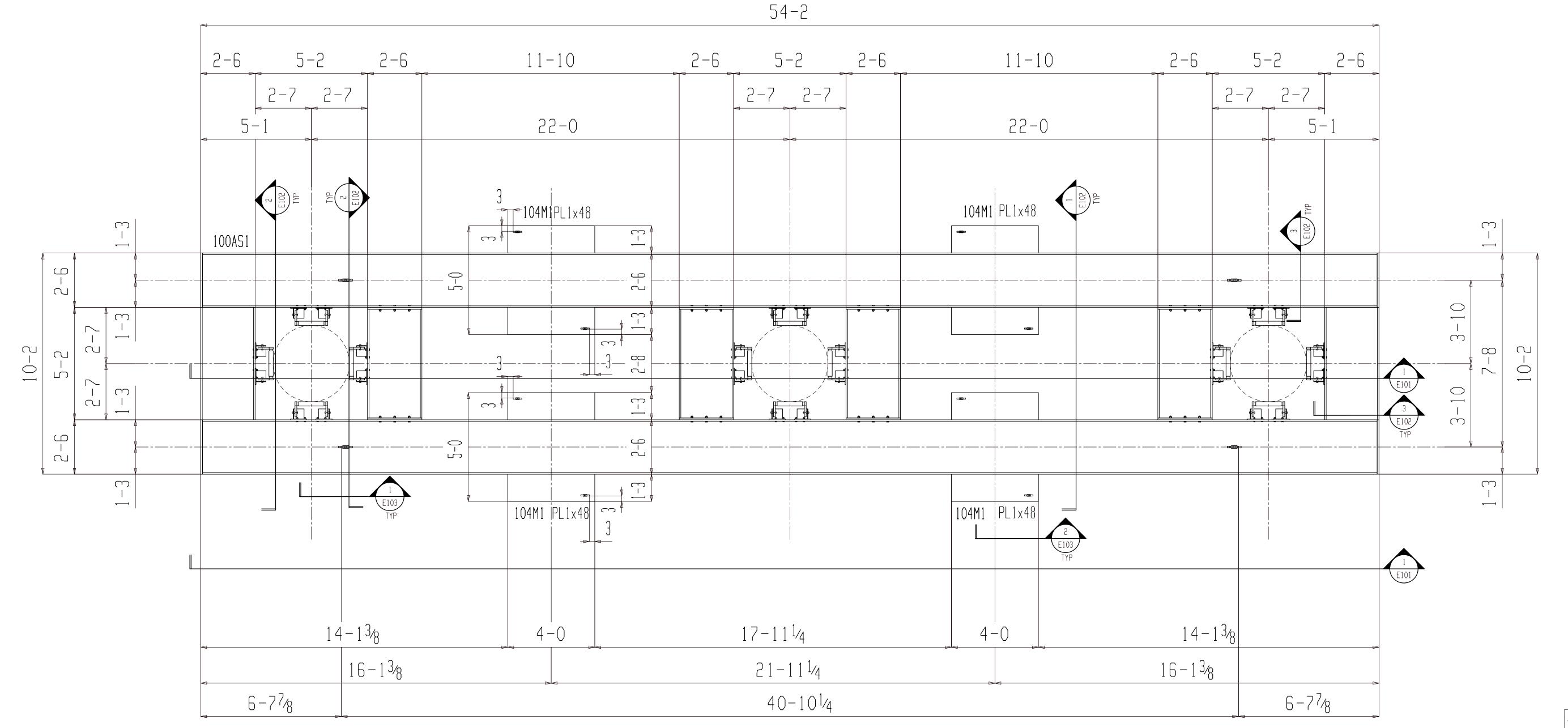


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<u>ERECTOR'S NOTE</u> STEEL IS FABRICATED WITH "ERECTION MARKS"	А	12-29	FOR A	APPROVAL		APPROVAL		
ON LEFT HAND END OF MEMBERS	REV.	DATE	DES	BCRIPTION		PRINTS	NO.	DATE
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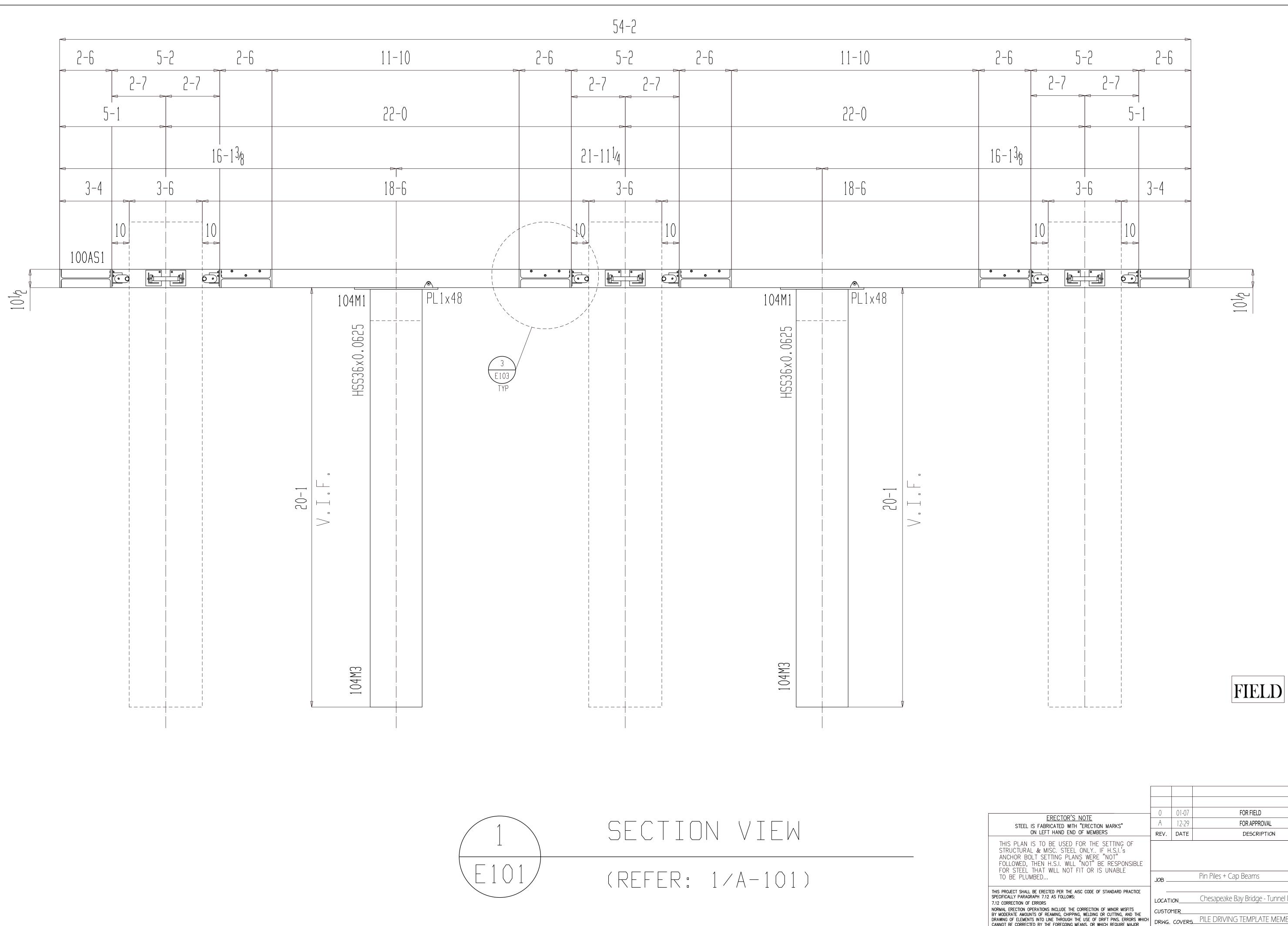
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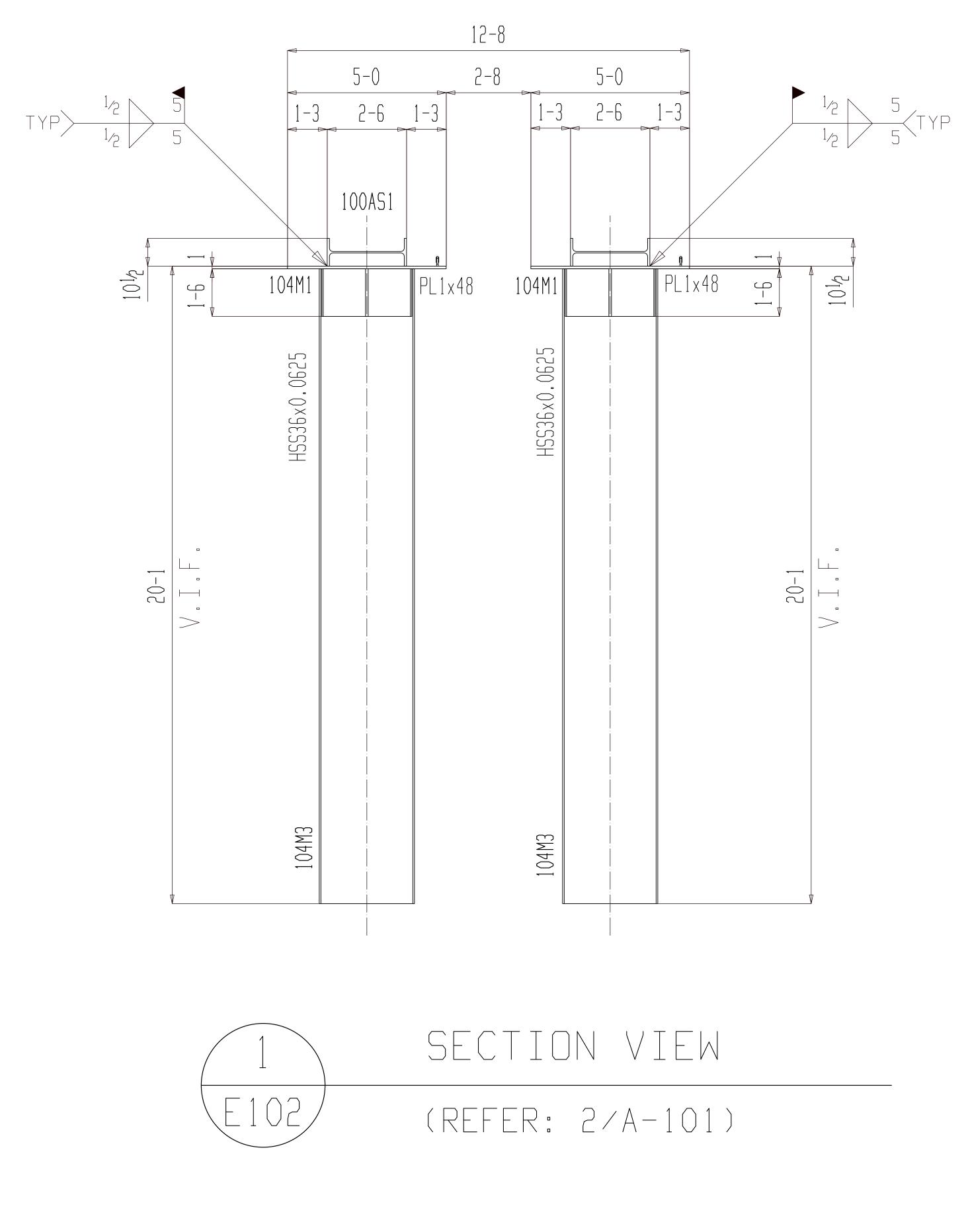
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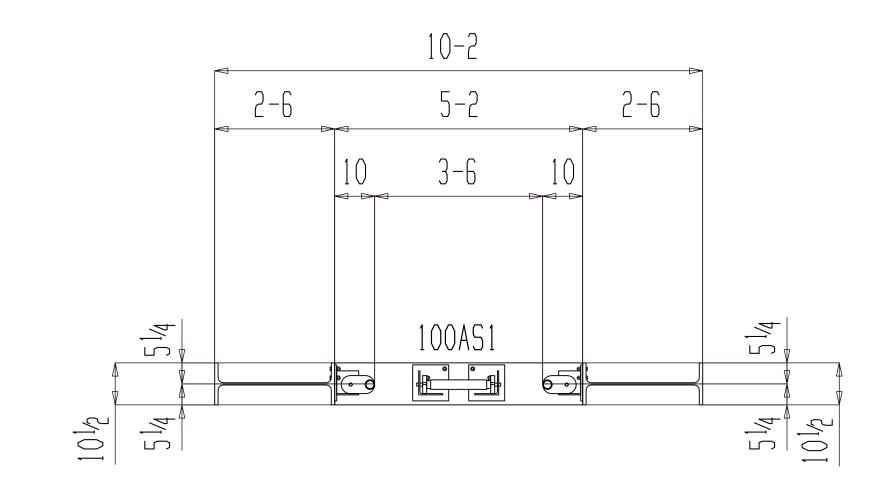
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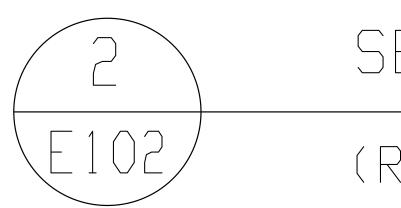
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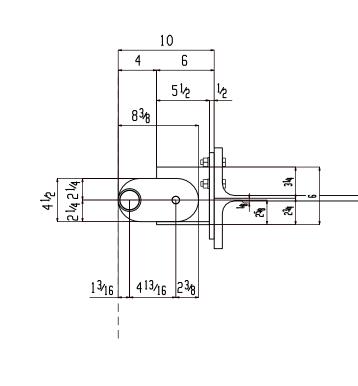


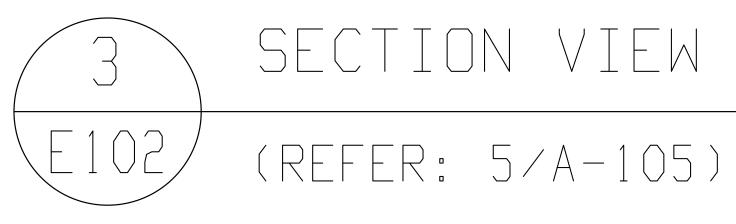
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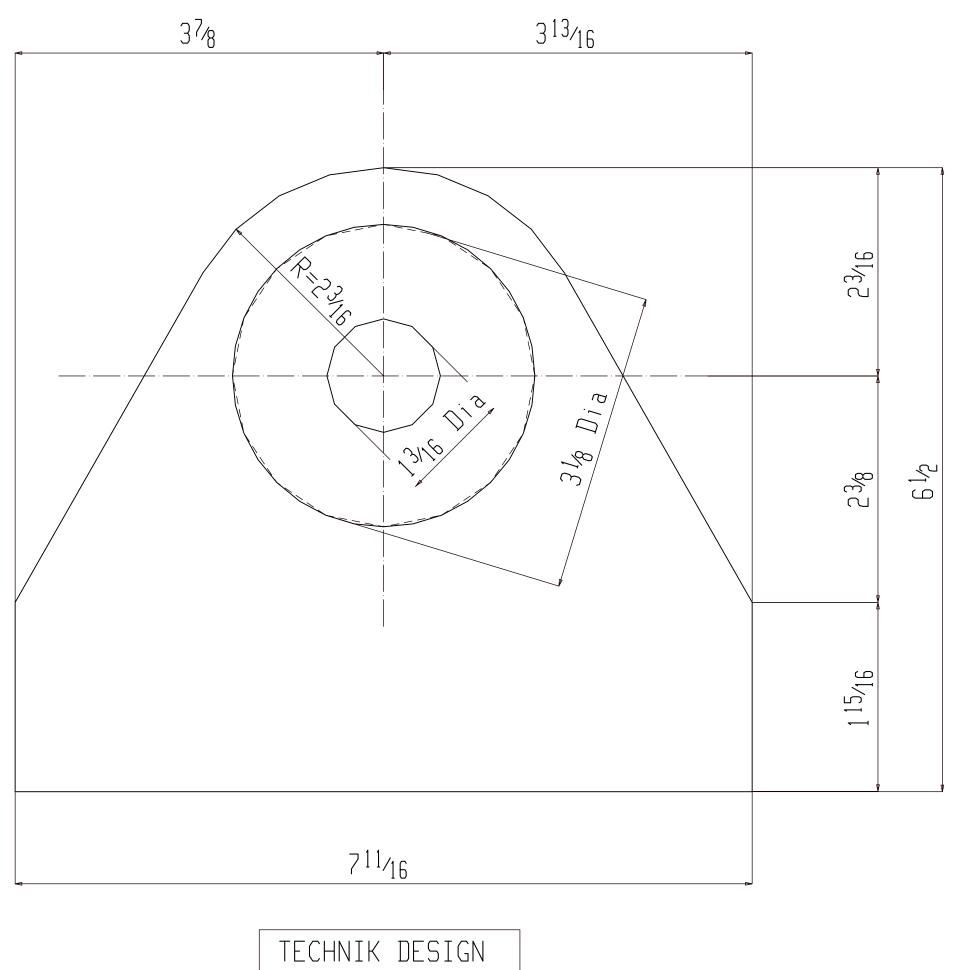


SECTION VIEW

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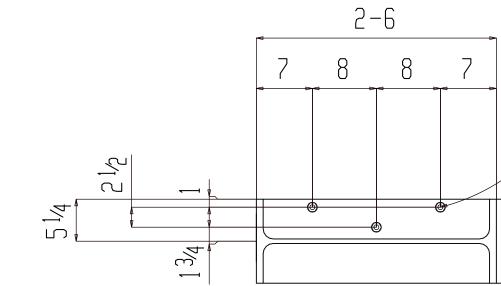
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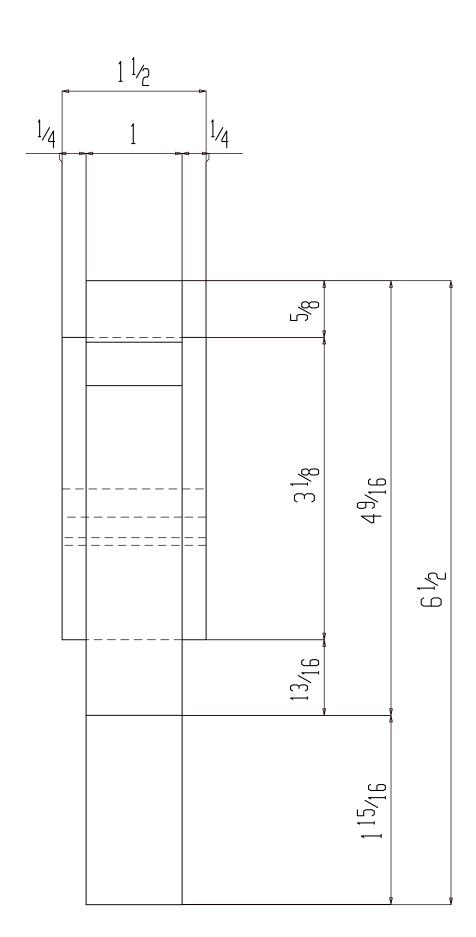


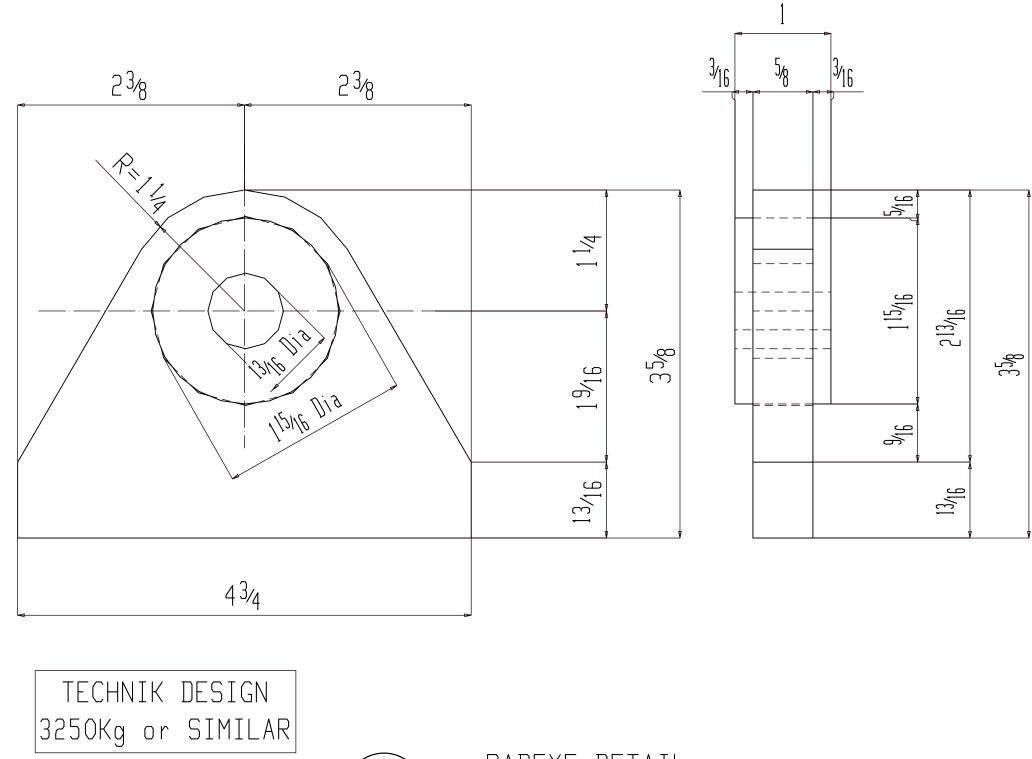


PADEYE DETAIL 1 E103 (REFER: 6/A-102 & 7/A-102)



ENDPLATE BOLT DETAIL 5 E103 (REFER: 3/A-104)

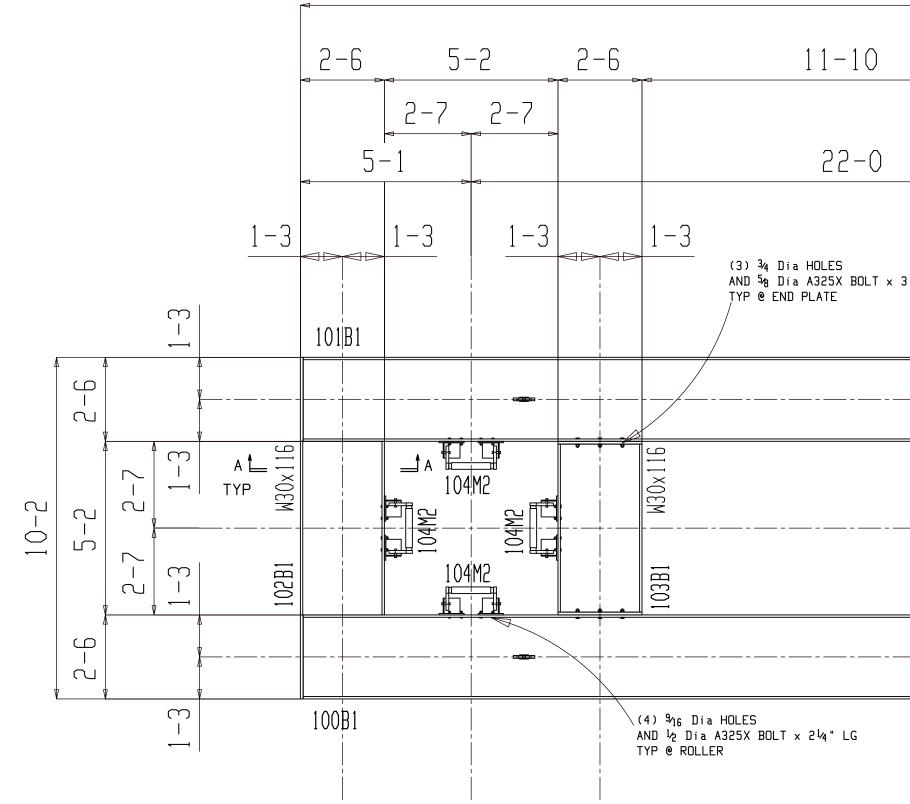


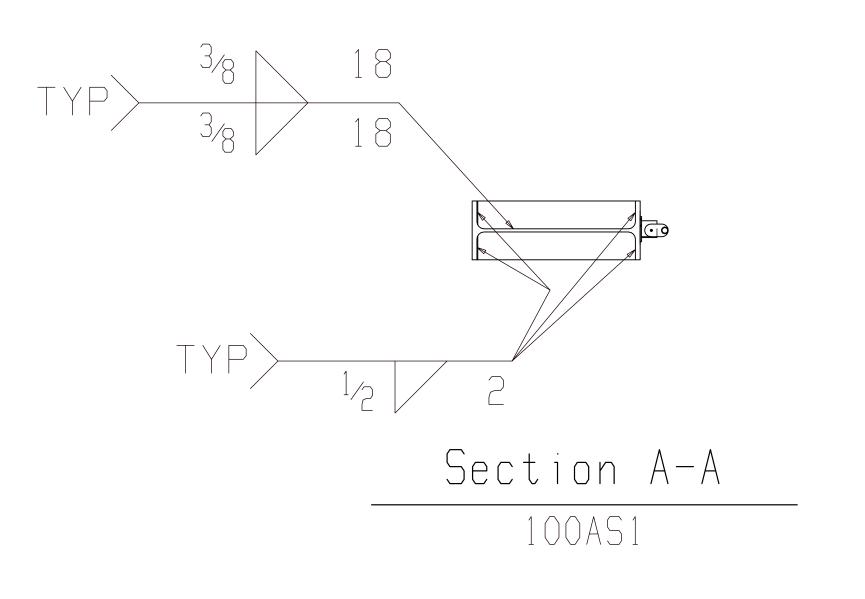


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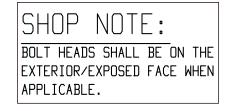
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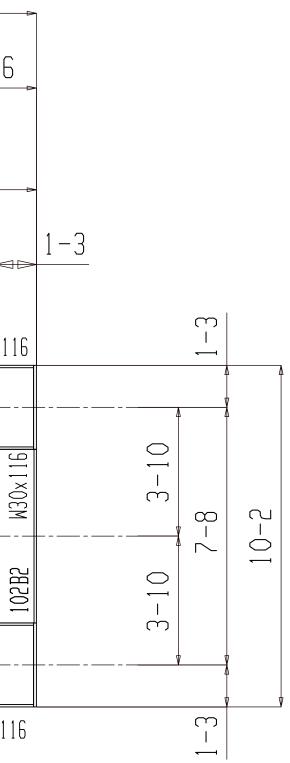
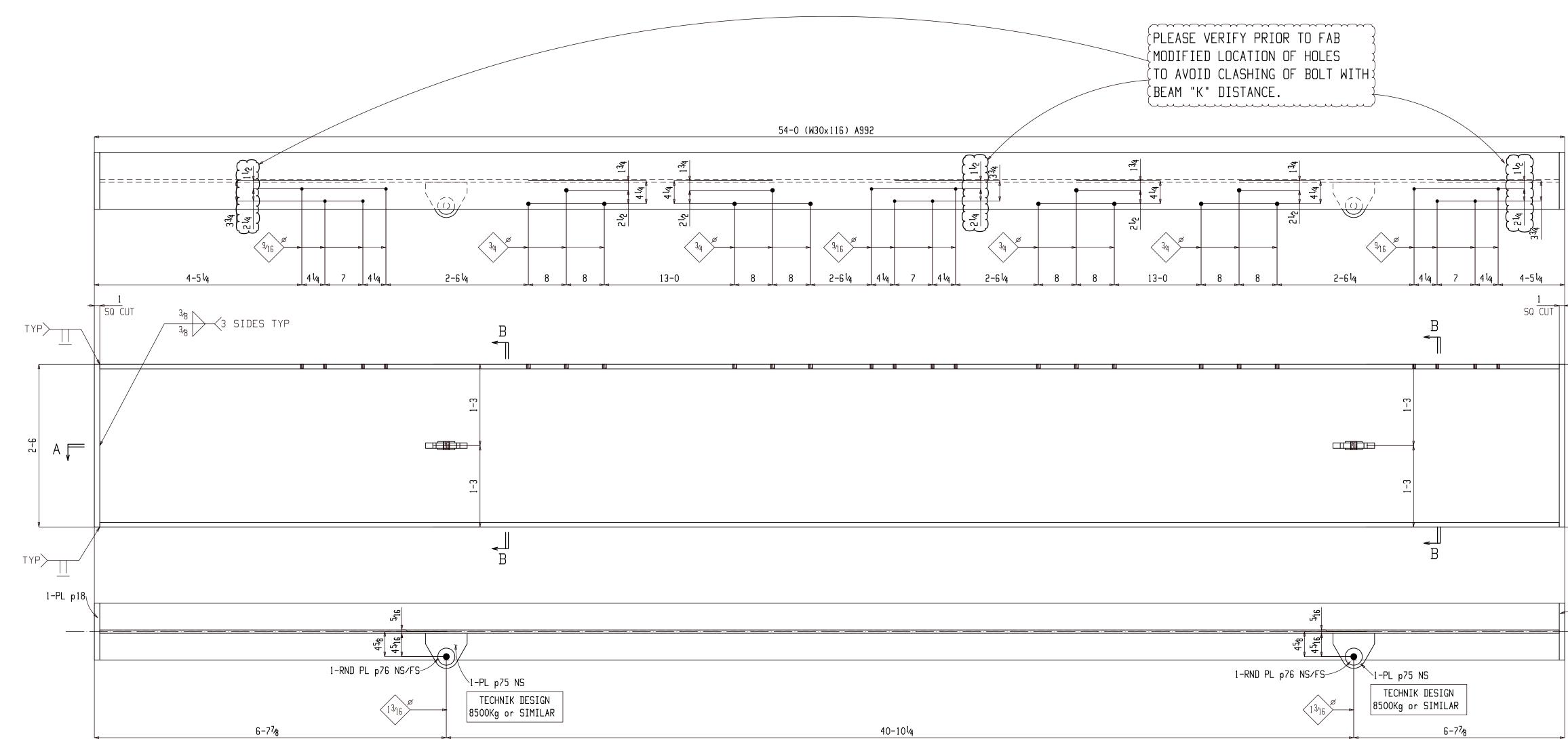


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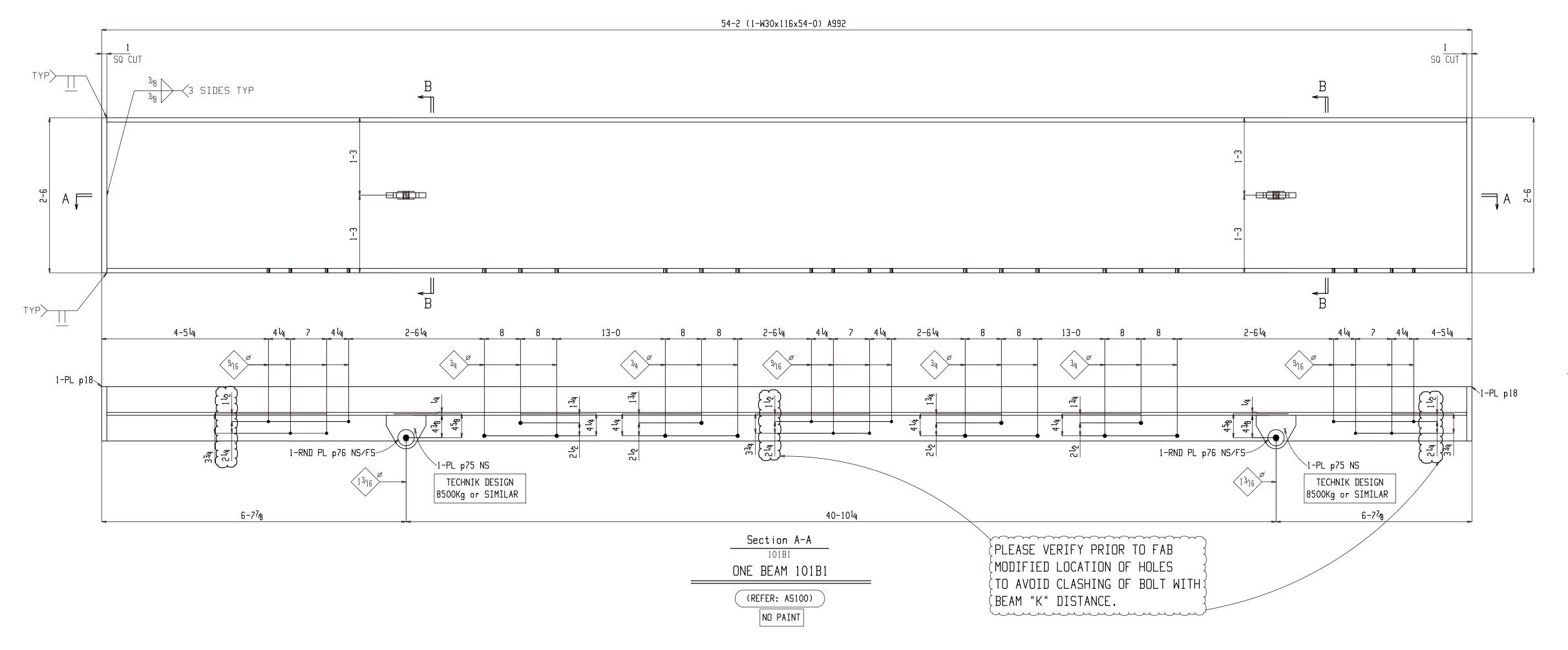
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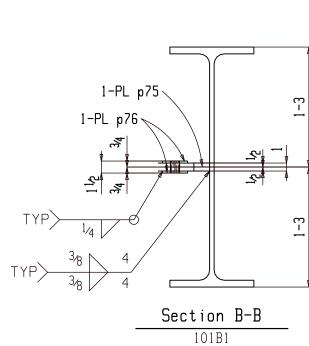
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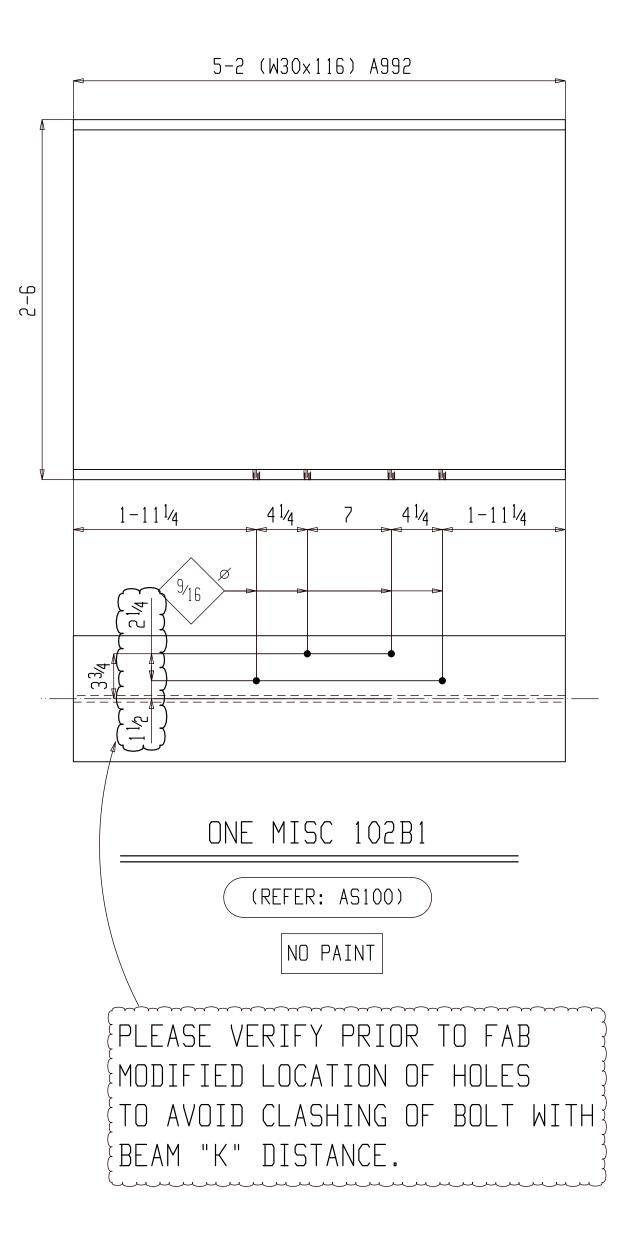
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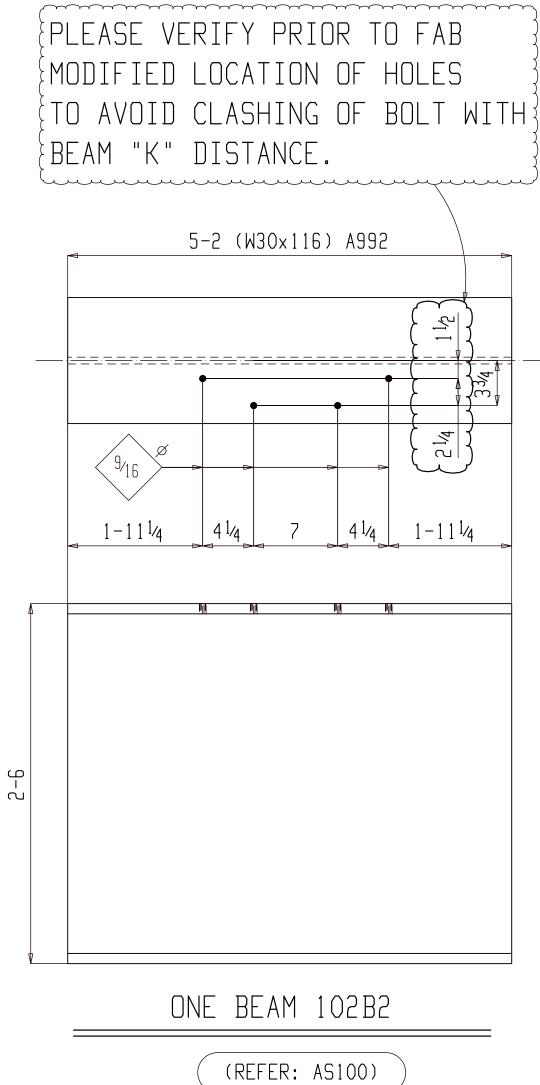
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	ONE 1 2 4] ASSY M 101B1 p18 p76 p75 	BILL OF M MATERIAL BEAM W30x116 PL1x10 ¹ /2 PL ¹ /4x3 ¹ /8 Dia PL1x6 ¹ /2	LENGTH	REMARKS REMARKS A992 A572-50 A572-50 TECHNIK DESIGN B500Kg OR SIMILAR A572-50 I A572-50 I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I </th
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	FAP	BRI		N	
SHOP CLEAN: SSPC-SP3	29 re Pin Piles + (Chesapeak	FOF Dr Cap Be e Bay E	Bridge - Tunnel Project	AP PI	FAB I I I I I I I I I I I I I I I I I I I







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		E	BILL OF M	ATER	IAL	
	NO.RE	ASSY M	MATERIAL	LENGTH		REMARKS
	ONE 1		MISC W30x116	5-2	A992	
		TOLDI		JL	1002	
	ONE		BEAM			
	1	102B2	W30x116	5-2	A992	
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A 12-29 REV. DATE			APPROVAL ESCRIPTION		PROVAL RINTS	NO. DATE
						I
Pir	n Piles +	Cap Be	ams			
JOB						
LOCATION C	nesapeak	ke Bay B	ridge - Tunnel Project			

<u>SHOP NOTES :</u>	DRWG. COVERS	PILE DRIVING TEMPLATE MEME	SER DETAILS
ALL STUBS ARE FROM FACE OF CLIP ANGLES ALL HOLE SPACING 3" C/C UNLESS NOTED ALL BLOCK SIZES FROM FACE OF CLIP ANGLES ALL REAR ENTRANT CUTS HAVE A MINIMUM OF ½" RADIUS CUTS.	detailer] CheckerAL	B <u>date</u> 12-25-21 N <u>date</u> 12-25-21	JOB NO.

SHOP CLEAN: SSPC-SP3

STEEL NOTES:

SHOP PRIME WITH I COAT GRAY OXIDE

ALL MATERIAL NT'D "AESS" SHOP CLEANING - SSPC-SP6 SHOP PRIME WITH I COAT GRAY PRIMER

MISC. SHAPES, P's & BARS - A36 STRUCTURAL STEEL SHAPES - A992 Gr 50 STRUCTURAL TUBING - A500 GR.(STEEL PIPE - A53 GR.B

SHOP CONNECTIONSFIELD CONNECTIONSE70XX (UN)A325 "N" (UN)

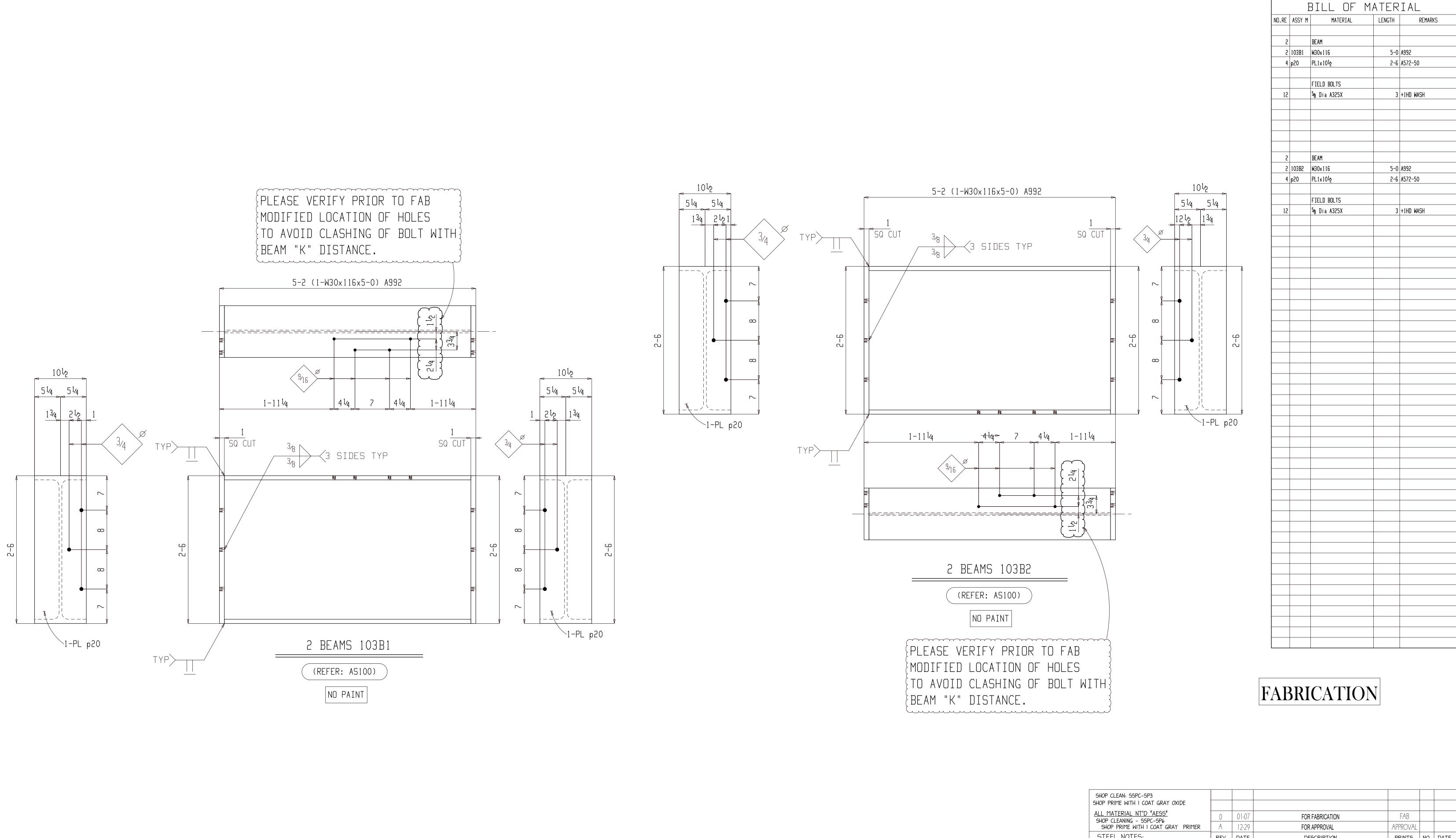
ALL SHOP HOLES TO BE 13/6"\$ (UN)

CUSTOMER____

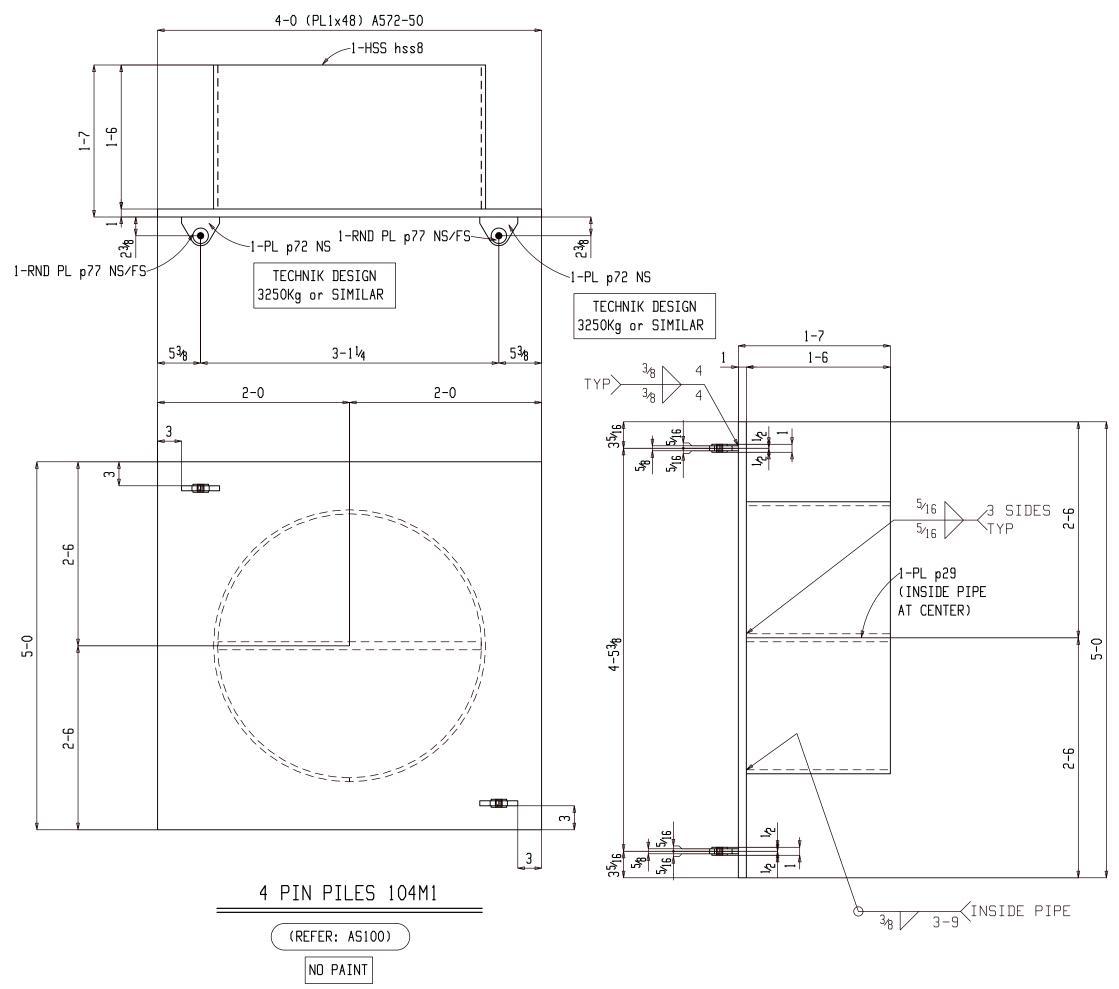
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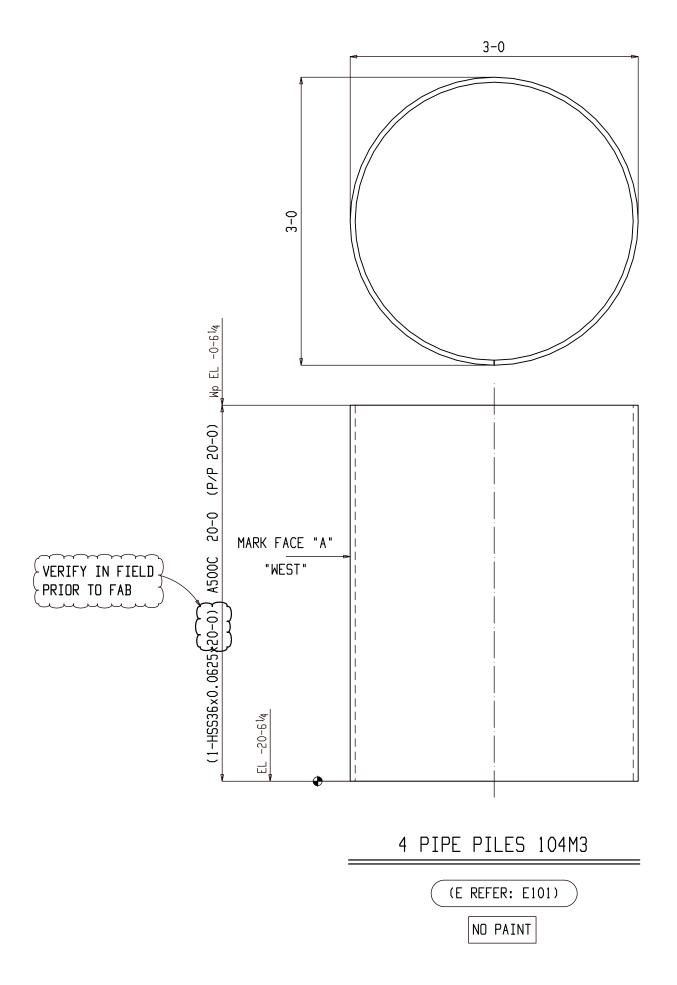
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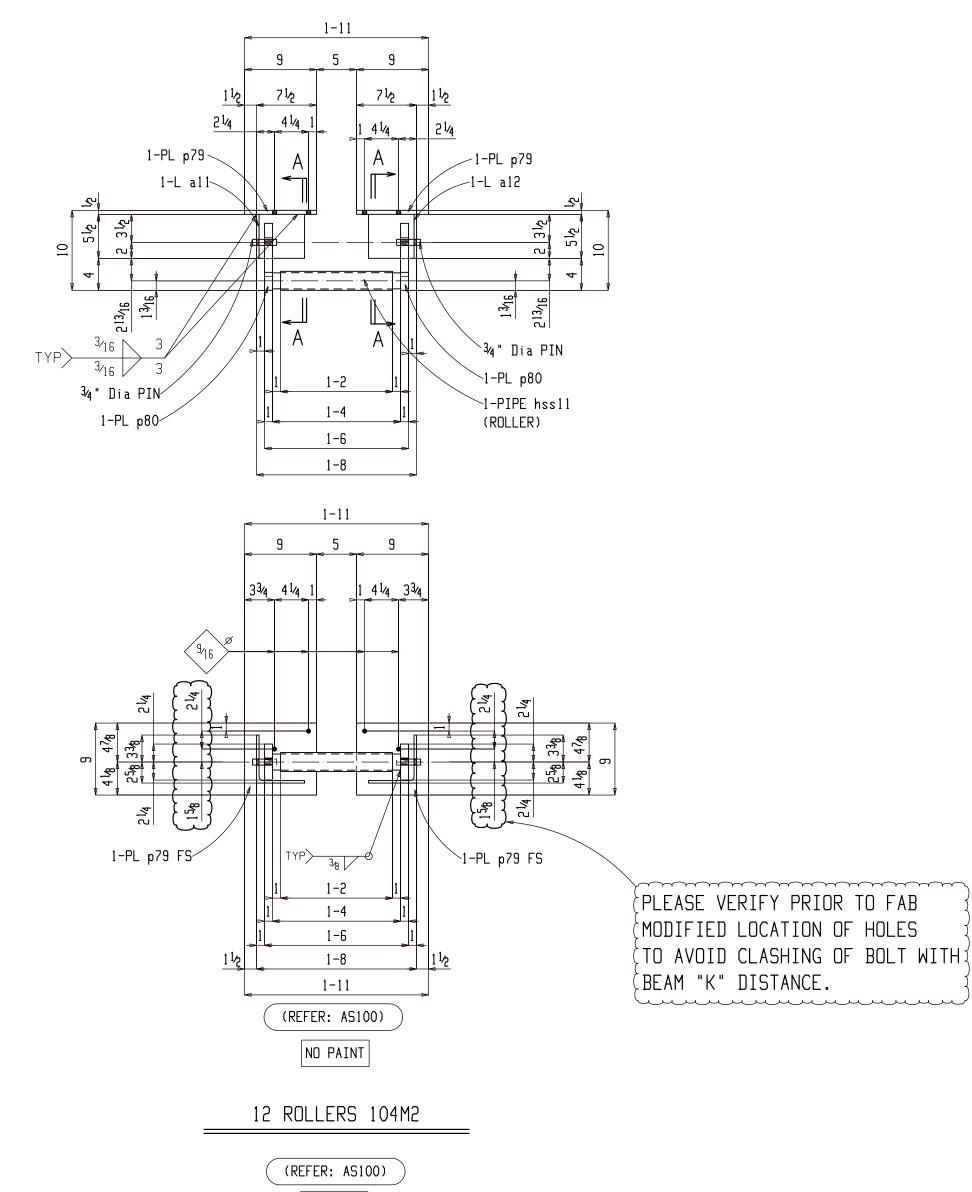
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SHOP PRIME WITH I	COAT GRAY PRIMER	А	12-29	FOR APPROVAL		APPROVAL				
<u>STEEL NOTES:</u>		REV.	DATE	DESCRIPTION		PRINTS	NO.	DATE		
MISC. SHAPES, P's & STRUCTURAL STEEL STRUCTURAL TUBING STEEL PIPE - A53 G					I					
SHOP CONNECTIONS	FIELD CONNECTIONS	JOB _		Pin Piles + Cap Beams						
E70XX (UN)	A325 "N" (UN)	565								
		LOCATION Chesapeake Bay Bridge - Tunnel Project								
ALL SHOP HOLES	TO BE ¹³ 16 ⁴ Φ (UN)	CUSTOMER								
SHOP NOTES :		DRWG.	COVERS	PILE DRIVING TEMPLATE MEN	IBER DETAILS					
ALL STUBS ARE FROM ALL HOLE SPACING 3"	DETAILE	ç .	JB <u>Date</u> 12-25	JOB NO.	DR	WG. N	10.			
ALL BLOCK SIZES FROM FACE OF CLIP ANGLES ALL REAR ENTRANT CUTS HAVE A MINIMUM OF ½" RADIUS CUTS.		CHECKER	Δ	LN DATE 12-25-			10	3		

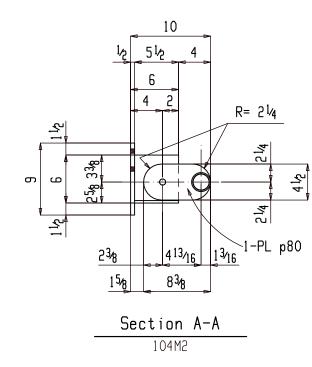








	1	BILL OF M	1	IAL
NO.RE	ASSY M	MATERIAL	LENGTH	REMARKS
4		PIN PILE		4530.50
	104M1	PL1x48		A572-50
	hss8	HSS34x0.500		A53B
	p29	PL1x18	2-8/8	A572-50
	p77	PL ³ / ₁₆ x 1 ¹⁵ / ₁₆ Dia	434	
8	p72	PL58x358	4-3/4	TECHNIK DESIGN
				3250Kg OR SIMIL A572-50
				NJTE-JU
12		ROLLER		
12	104M2	2" Dia ROUND BAR	1-4	A572-50
12	hss11	PIPE 2 STD	1-2	ROLLER A500C
12	a11	L6x6x ⁵ ⁄16	5 ¹ ⁄2	A572-50
12	a12	L6x6x ⁵ /16	5 ¹ ⁄2	A572-50
24	p80	PL1x4 ¹ /2	83⁄8	A572-50
24	p79	PL ¹ ⁄2x9	9	A572-50
		FIELD BOLTS		
48 24		½ Dia A325X 34" Dia PIN		+1HD WASH
24		34," Dia PIN	3	
4	104M3	PIPE PILE HSS36x0.0625	20-0	A500C
	101115			13000
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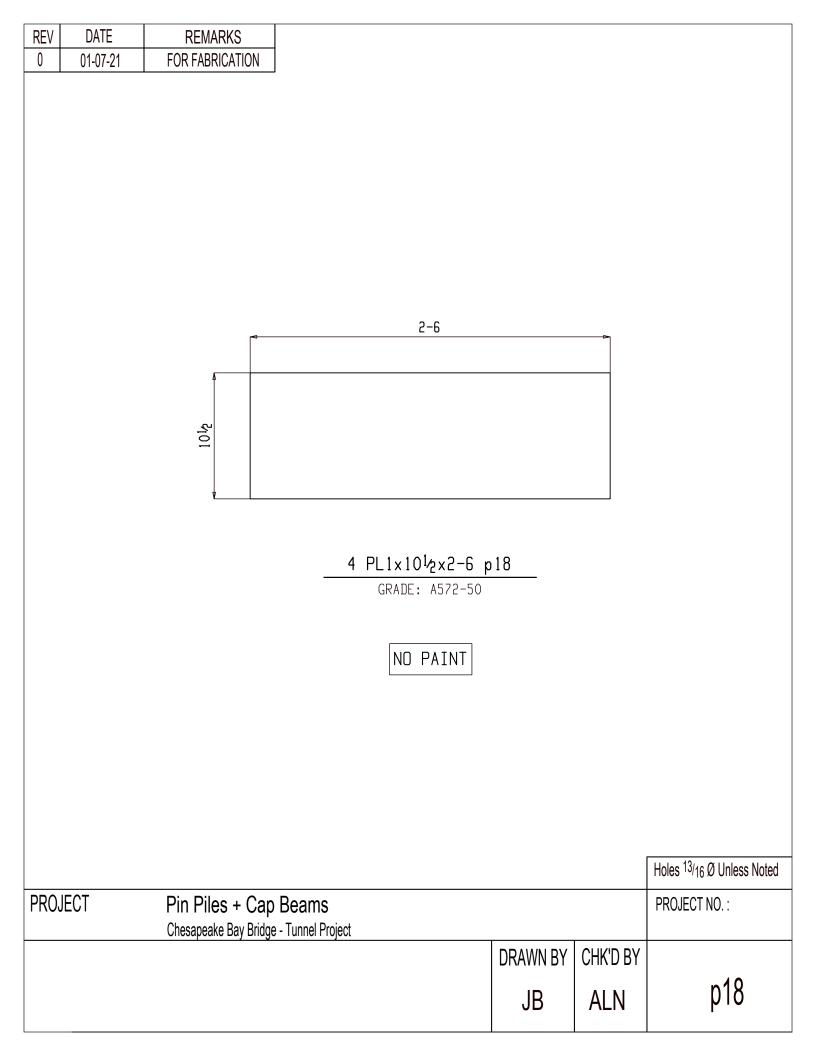
			i					
SHOP CLEAN: SSPC-SF SHOP PRIME WITH 1 CO/								
ALL MATERIAL NT'D		0	01-07	FOR FABRICATION		FAB		
SHOP CLEANING - SSF SHOP PRIME WITH 1	C-576 COAT GRAY PRIMER	А	12-29	FOR APPROVAL		APPROVAL		
STEEL NOTES:		REV.	DATE	DESCRIPTION		PRINTS	NO.	DATE
MISC. SHAPES, P's & STRUCTURAL STEEL STRUCTURAL TUBING STEEL PIPE - A53 G		1	1			<u> </u>	1	
SHOP CONNECTIONS E70XX (UN)	FIELD CONNECTIONS A325 "N" (UN)	JOB -	Joв Pin Piles + Cap Beams					
		LOCATION Chesapeake Bay Bridge - Tunnel Project						
ALL SHOP HOLES	5 TO BE ¹³ 16"Φ (UN)	сиято	MER					
SHOP NOTES :		DRWG. COVERS PILE DRIVING TEMPLATE MEMBER DETAILS						
ALL STUBS ARE FROM ALL HOLE SPACING 3"	M FACE OF CLIP ANGLES UTS HAVE A MINIMUM	DETAILE	<u>م</u>	JB <u>date</u> 12-25-21 ALN <u>date</u> 12-25-21	JOB NO.	DF	гыс. 1 1 С	

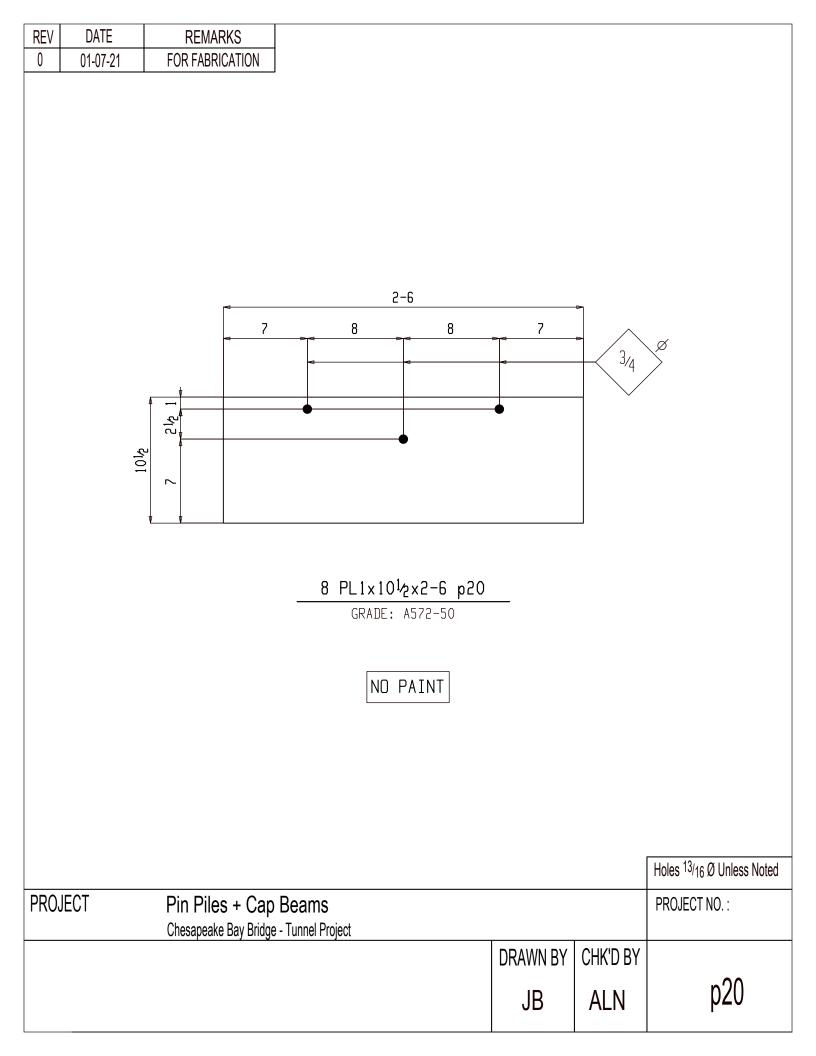
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			<u>v </u>				
			12 11	6×6× ⁵ ⁄16×0-5 ¹ ⁄2	- 11		
				GRADE: A572-50			
				NO PAINT			
			D				Holes ^{13/} 16 Ø Unless Noted
PROJ	IEUT	Pin Piles + Cap Chesapeake Bay Bridge	Beams				PROJECT NO. :
		Chocapouno Bay Bridge			DRAWN BY	CHK'D BY	
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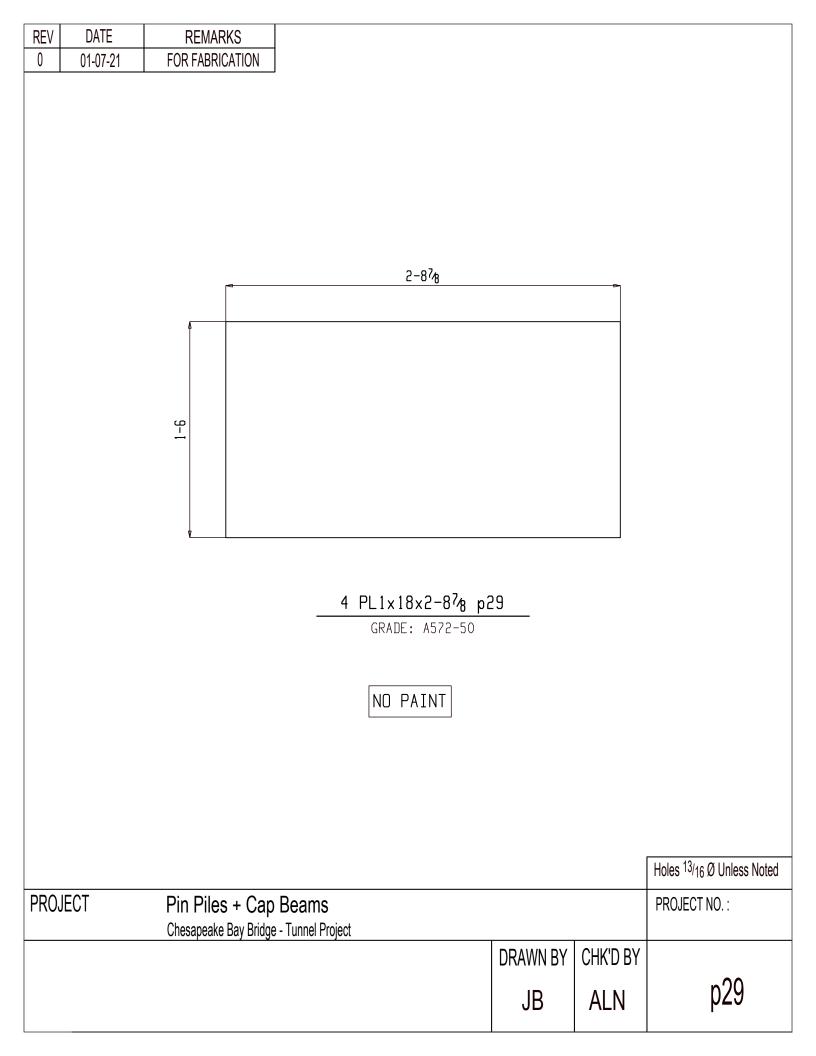
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			ل د ک گ				
				6×6× ⁵ ⁄16×0-5 ¹ ⁄2	a12		
				GRADE: A572-50			
				NO PAINT			
							Holes ¹³ /16 Ø Unless Noted
PROJ	IECT	Pin Piles + Cap	Beams				PROJECT NO. :
		Chesapeake Bay Bridge	- Tunnel Project				
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					JB	ALN	a12

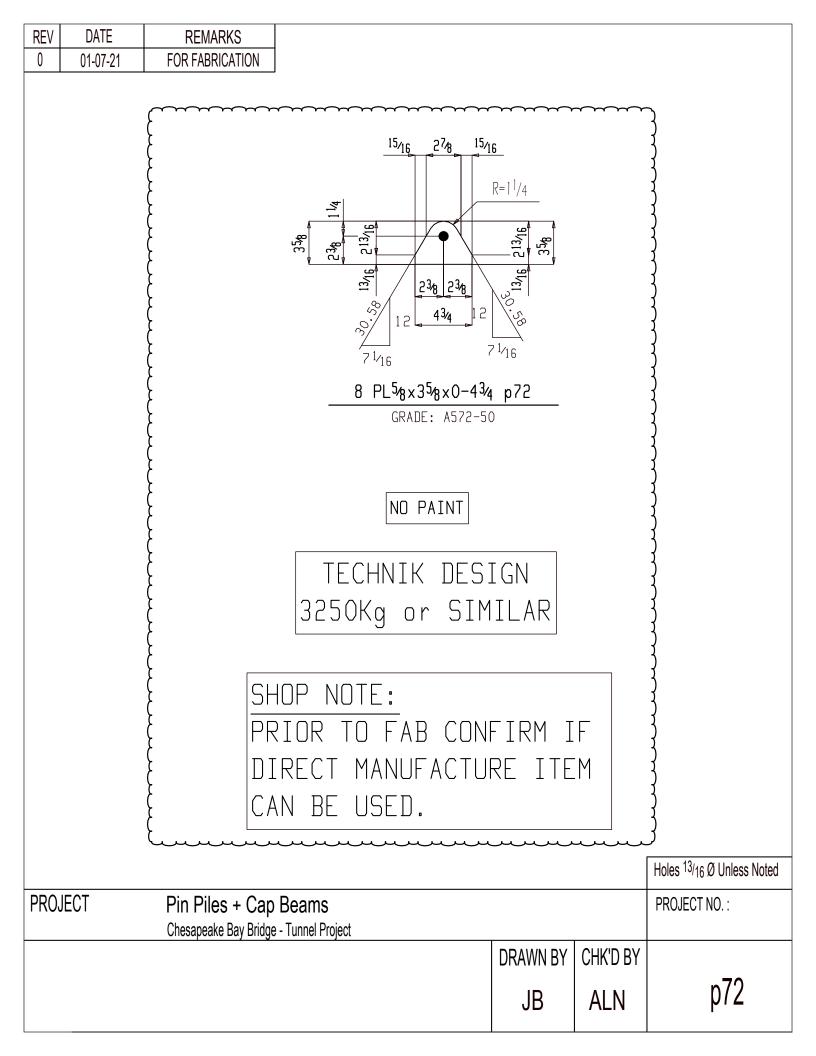
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		_	4 HSS	34x0.500x1-				
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								Holes ^{13/} 16 Ø Unless Noted
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PROJ	IEUT	Pin Piles + Cap						PROJECT NO. :
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						JB	ALN	hss8

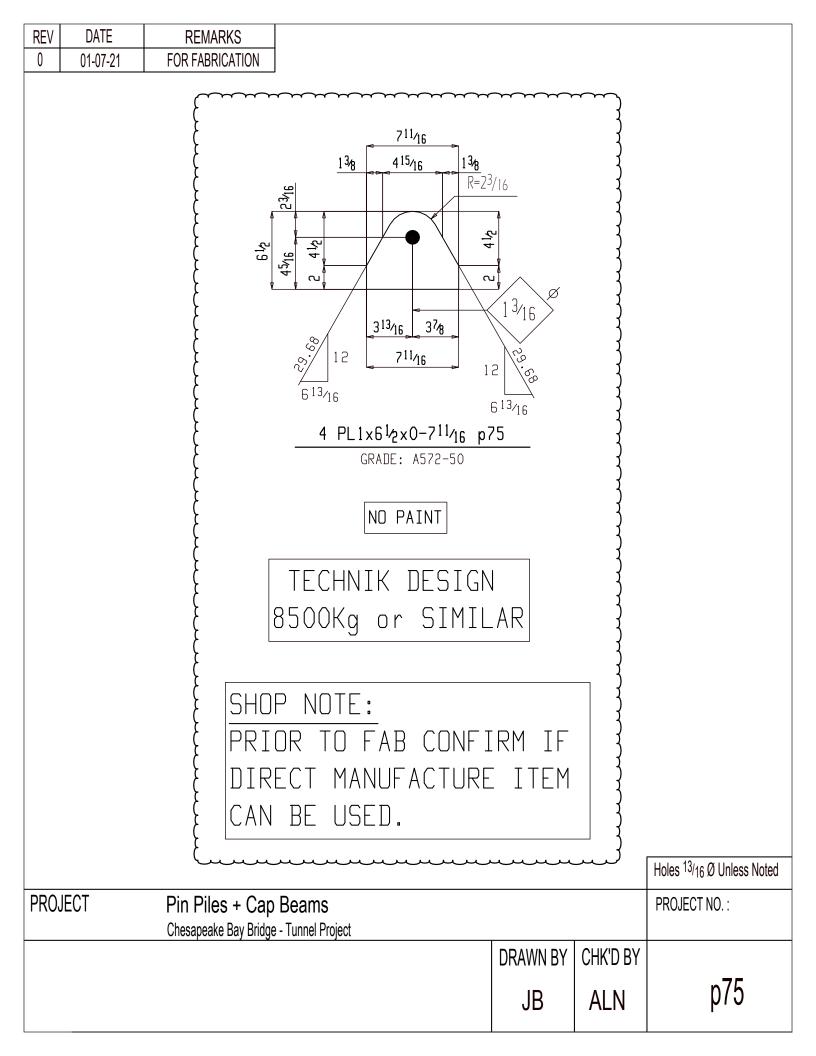
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			12 PIPE 2 STDx1-2 hss	11		
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PROJ		Din Dilaa + Can	Poomo			PROJECT NO. :
		Pin Piles + Cap Chesapeake Bay Bridge				
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Image: Project Image: Project Image: Project Image: Pro	0	01-07-21	FOR FABRICATION				
IND PAINT TECHNIK DESIGN 8500Kg or SIMILAR SHOP NOTE: PRIOR TO FAB CONFIRM IF DIRECT MANUFACTURE ITEM CAN BE USED. Holes ¹³ /16 Ø Unless Noted PROJECT Pin Piles + Cap Beams				<u>19/16</u> <u>19/16</u> <u>19/16</u> <u>19/16</u> <u>19/16</u> <u>19/16</u> <u>8 PL¹/4×3¹/8 Dia p76</u>	~~~~		
PRIOR TO FAB CONFIRM IF DIRECT MANUFACTURE ITEM CAN BE USED. Holes ¹³ /16 Ø Unless Noted PROJECT Pin Piles + Cap Beams			(NO PAINT ECHNIK DESIGN			
PROJECT Pin Piles + Cap Beams PROJECT NO.:			{ PRIOR { DIREC	TO FAB CONFIRM T MANUFACTURE I			
PROJECT Pin Piles + Cap Beams PROJECT NO.:							Holes ^{13/} 16 Ø Unless Noted
	PROJ	ECT	Pin Piles + Cap	Beams			
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JB ALN P76					JB	ALN	p/b

REV DATE	REMARKS				
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		$\frac{1^{15}/16}{15^{16}}$ $\frac{16 \text{ PL}^{3}/16 \times 1^{15}/16 \text{ Dia } p77}}{\text{GRADE: A572-50}}$ $\overline{\text{NO PAINT}}$ $\overline{\text{TECHNIK DESIGN}}$ 250Kg or SIMILA			
	<pre>{ PRIOF</pre>	NOTE: R TO FAB CONFIR CT MANUFACTURE BE USED.			
PROJECT	Pin Piles + Cap				Holes ^{13/} 16 Ø Unless Noted PROJECT NO. :
	Chesapeake Bay Bridge	e - Tunnel Project		CHK'D BY	
			DRAWN BY		
			JB	ALN	p77

REV DA1 0 01-01		_			
	ל MC ל דנ	EASE VERIFY PRIOR TO DIFIED LOCATION OF H AVOID CLASHING OF H AM "K" DISTANCE.	IOLES		
			9/16 Ø	·	
		24 PL ¹ ⁄2×9×0-9 p79			
		GRADE: A572-50			
		NO PAINT			
		- Deeme			Holes ^{13/} 16 Ø Unless Noted
PROJECT	Pin Piles + Ca Chesapeake Bay Bride			1	PROJECT NO. :
			DRAWN BY	CHK'D BY	70
			JB	ALN	р79

REV	DATE	REMARKS						
0	01-07-21	FOR FABRICATION						
			24 PL	8 ³ 8 2 ³ 8 6 2 ¹ 4 3 ⁷ 8 6 1 × 4 ¹ /2 × 0 - 8	5 ¹⁴			
			G	RADE: A572	-50			
				NO PAIN	IT			
								Holes ^{13/} 16 Ø Unless Noted
PROJE	ECT	Pin Piles + Cap Chesapeake Bay Bridge						PROJECT NO. :
						DRAWN BY	CHK'D BY	
						JB	ALN	p80