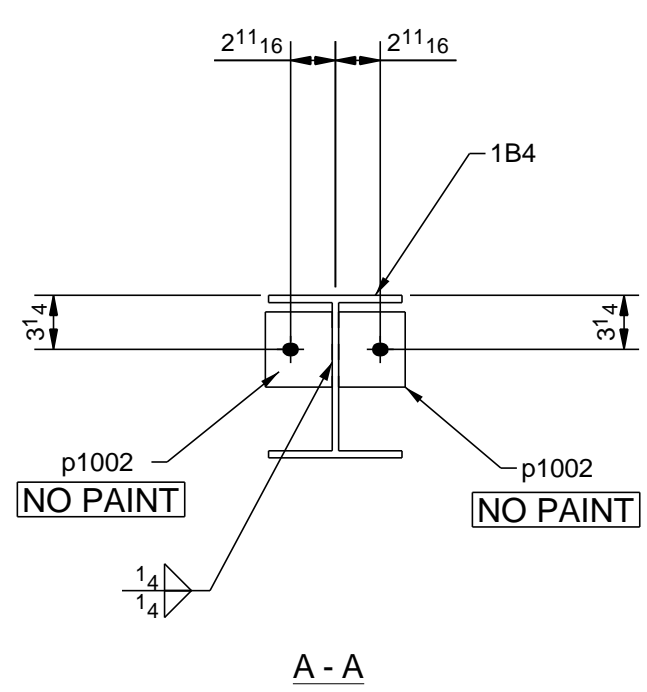
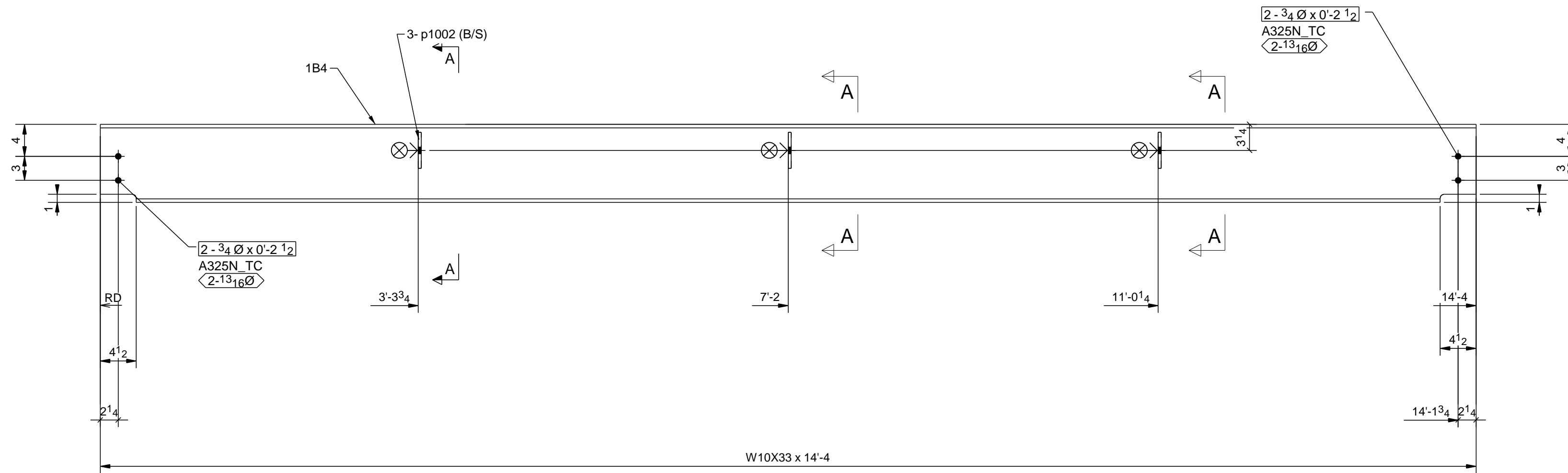


SHIP MARK	DIV	ASS'M MARK	NO. PCS	SECTION	LENGTH		CHEMISTRY	WEIGHT	P.O. NUMBER	REMARKS	PG / ITEM
					FT.	IN.					
1B4	1		20	W10X33	14'-4		A992	473.6			1/3
		p1002	120	PL3/8"x4"	0'-4 1/2		A36	1.9			
TOTAL WEIGHT FOR 1 ASSEMBLY								485.1			

NOTE: ALL WORKSHOP BOLTS SHALL BE TIGHTENED BY THE "SNUG-TIGHT" CONDITION AS DEFINED BY AISC, U.O.N.



20 - BEAMS - 1B4

Conn. Code

W	9 3/4 x 5/16
F	8 x 7/16

Conn. Code

SHOP NOTE.
ALL WELDS TO BE AESS

WELDING ELECTRODE E70XX/LH UNLESS NOTED	STEEL SPEC. W-SHAPES ASTM A992 HOLLOW STRUCTURAL SHAPES ASTM A500-B ALL OTHER MATERIAL ASTM A36 UNLESS NOTED	HOLE SIZE 13/16Ø												
ERECTOR'S NOTE STEEL IS FABRICATED WITH "ERECTION MARKS" ON LEFT HAND END OF MEMBERS														
ALL HOLES IN BEAM END CONNECTION CLIP ANGLE OUTSTANDING LEG SHALL BE 13/16x1 HORIZ SLOTS U.N.O														
PREP	SSPC-SP2													
SHOP PAINT	1-S/C STD SHOP PRIMER													
REF DWG.:	E2, E2/1													
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION OF REVISION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>05/31/17</td> <td>MR</td> <td>FOR FAB</td> </tr> <tr> <td>A</td> <td>05/04/17</td> <td>MR</td> <td>FOR APPL</td> </tr> </tbody> </table>		NO.	DATE	BY	DESCRIPTION OF REVISION	0	05/31/17	MR	FOR FAB	A	05/04/17	MR	FOR APPL	
NO.	DATE	BY	DESCRIPTION OF REVISION											
0	05/31/17	MR	FOR FAB											
A	05/04/17	MR	FOR APPL											
LIPHART STEEL Company, Incorporated RICHMOND, VA (804)355-7481		RONA, VA (404)248-1009												
PROJECT	NORFOLK SOUTHERN RAILWAY CANOPIES													
LOCATION	NORFOLK AVE, ROANOKE, VA													
ARCHT.	CROUCH ENGINEERING													
CONTR.	FAULCONER CONSTRUCTION Co.													
		MADE MR 04/28/2017 CHKD. MJK 05/31/17												
ORDER NO. 27-509 SHEET NO. 1B4														
ITEMS	1	SEQ 1												