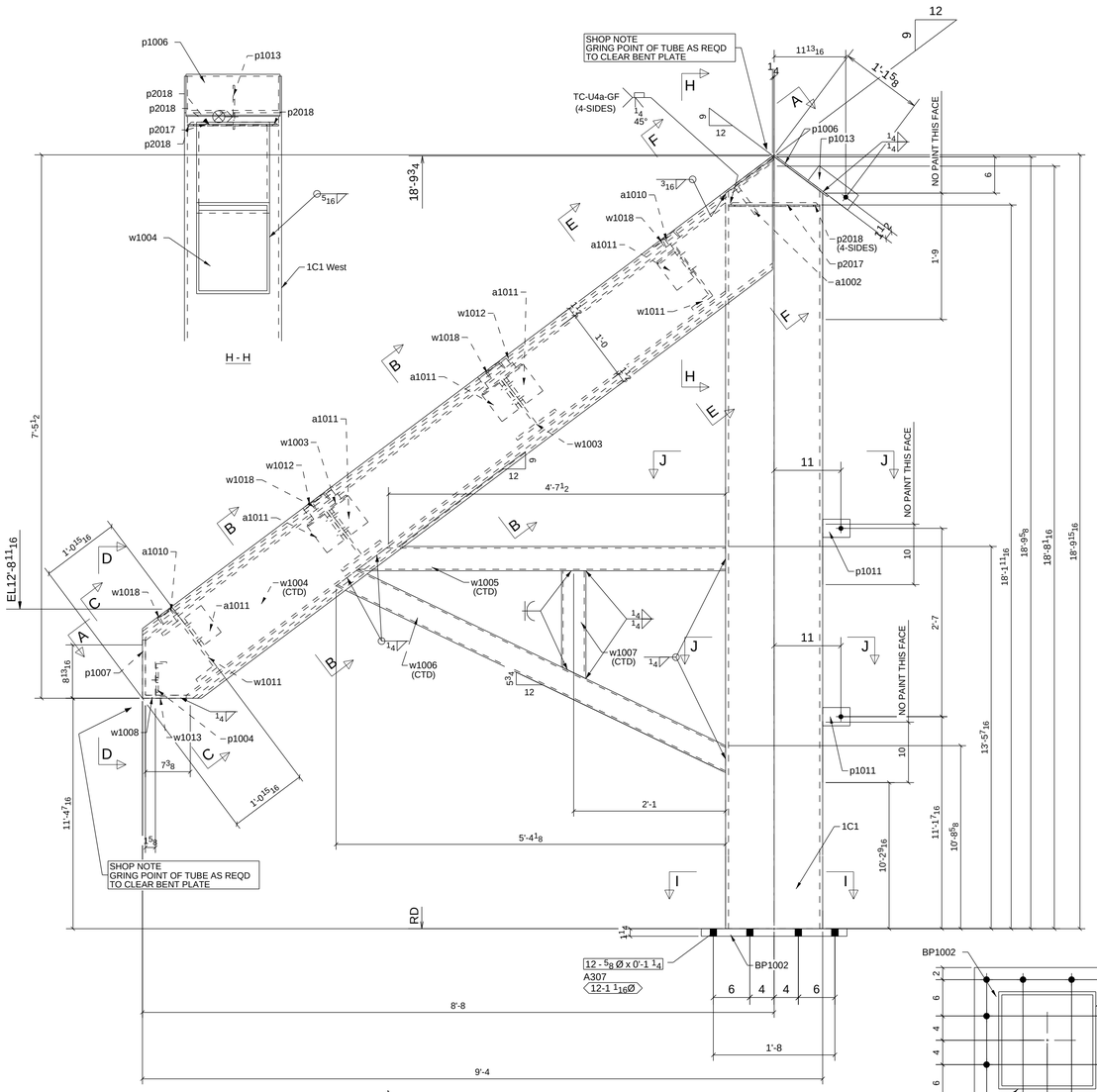
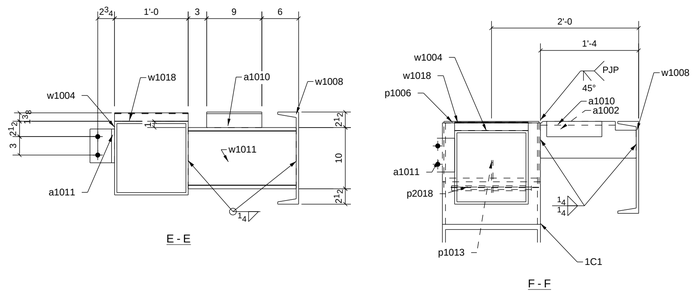
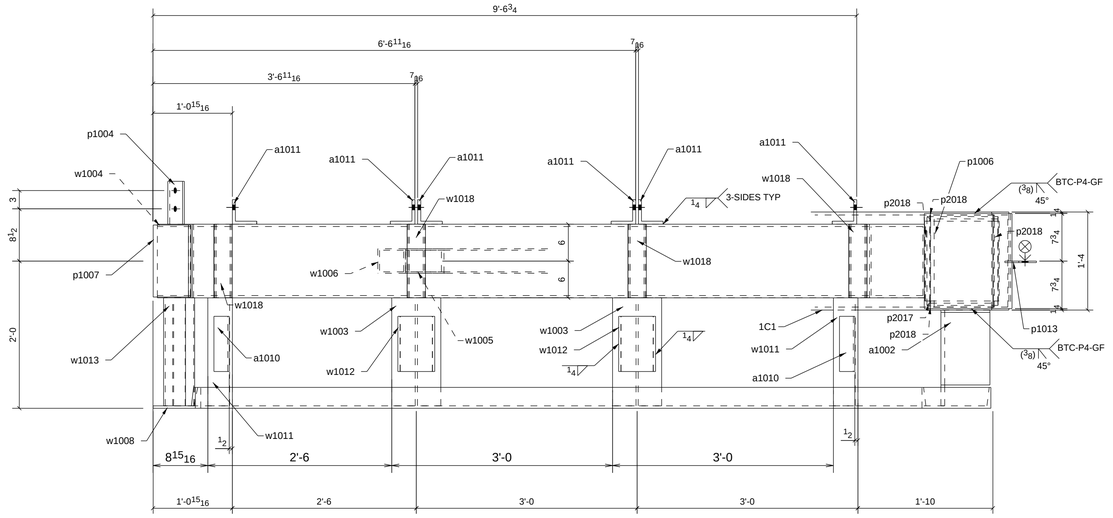
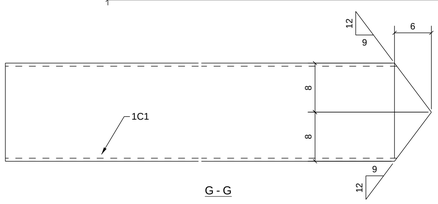
SHIP MARK	DIV	ASSM MARK	NO. PC'S.	SECTION	LENGTH FT.	LENGTH IN.	CHEMISTRY	WEIGHT	P.O. NUMBER	REMARKS	PG / ITEM
1C1	1		1	HSS16X16X1/2	18'-9 5/8		A500-GR.B	1810.8			4/8
		BP1002	1	PL1 1/4"X24"	2'-0		A36	204.2			
		a1002	1	L8X6X5/8	1'-3 5/8		A36	37.0			
		a1010	2	L2-1/2X2-1/2X1/4	0'-9		A36	3.0			
		a1011	6	L4X4X1/2	0'-5 1/2		A36	5.8			
		p1004	1	PL3/8"X4"	0'-7		A36	3.0			
		p1006	1	PL1/4"X15 1/2"	1'-10 3/8		A36	24.4			
		p1007	1	PL1/2"X11 3/4"	1'-3 13/16		A36	27.2			
		p1011	2	PL1/4"X3"	0'-4 1/2		A36	1.0			
		p1013	1	PL1/4"X3"	0'-8 1/8		A36	1.7			
		p2017	1	PL3/8"X14 1/2"	1'-2 1/2		A36	21.2			
		p2018	4	PL1/4"X1"	1'-1		A36	0.9			
		w1003	2	W10X33	1'-5 5/8		A992	48.5			1/1
		w1004	1	HSS12X12X3/8	10'-5 1/16		A500-GR.B	567.6			4/7
		w1005	1	HSS4X4X1/4	5'-0 1/2		A500-GR.B	57.8			4/1
		w1006	1	HSS4X4X1/4	5'-11 1/8		A500-GR.B	68.0			4/3
		w1007	1	HSS4X4X1/4	1'-5 3/4		A500-GR.B	17.0			4/2
		w1008	1	C15X33.9	11'-4 5/8		A36	387.4			2/3
		w1011	2	MC10X28.5	1'-5 5/8		A36	41.8			3/5
		w1012	2	MC6X12	0'-9		A36	9.0			3/4
		w1013	1	MC6X6.5	1'-5 5/8		A36	9.7			3/10
		w1018	4	C3X3.5	1'-0		A36	3.7			
TOTAL WEIGHT FOR 1 ASSEMBLY								3497.1			

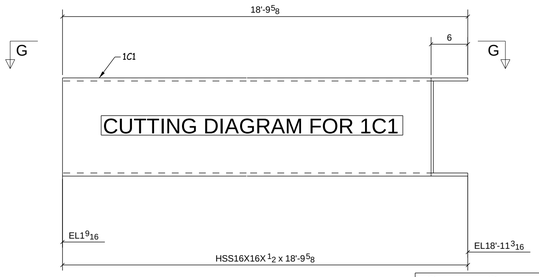
NOTE: ALL WORKSHOP BOLTS SHALL BE TIGHTENED BY THE "SNUG-TIGHT" CONDITION AS DEFINED BY AISC, U.O.N.

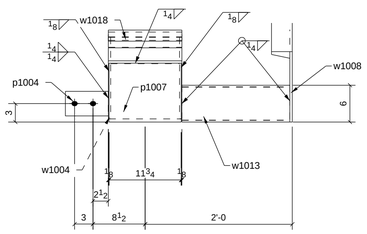


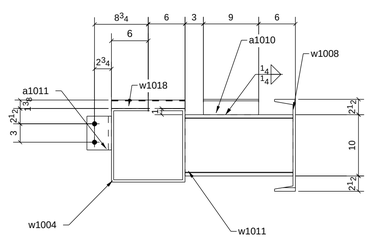


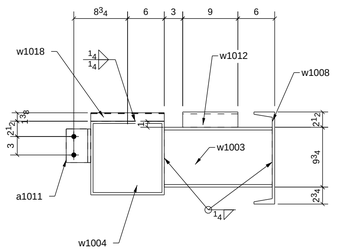


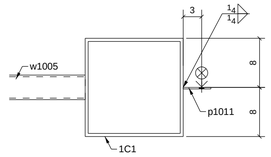












ONE - COLUMN - 1C1

GRID : 2.1/B

Conn. Code

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 NO.	DATE	BY	DESCRIPTION OF REVISION
0	06/09/17	MR	FOR FAB
A	05/04/17	MR	FOR APPL

LIPHART STEEL Company, Incorporated
RICHMOND, VA. (804)355-7481
RONA, VA. v_405248-1009

PROJECT	NORFOLK SOUTHERN RAILWAY CANOPIES
LOCATION	NORFOLK AVE, ROANOKE, VA
ARCHT.	CROUCH ENGINEERING
CONTR.	FAULCONER CONSTRUCTION Co.

MADE MR 04/28/2017 CHKD. MJK 06/09/17

AISC CERTIFIED FABRICATOR

ORDER NO. 27-509

SHEET NO. 1C1

ITEMS

SEQ 1