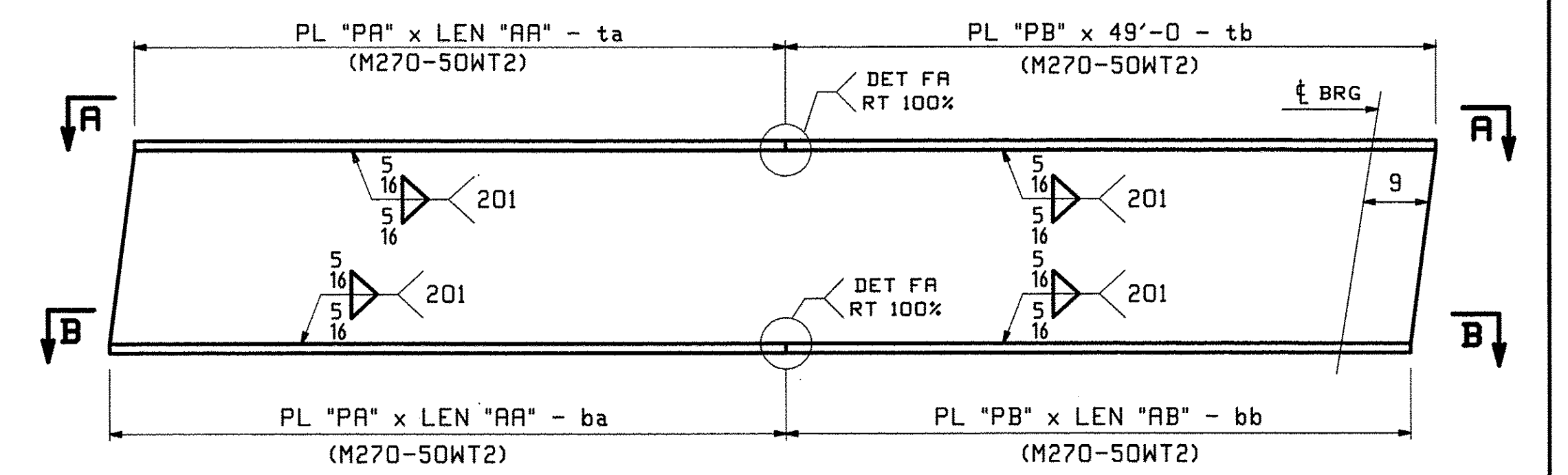
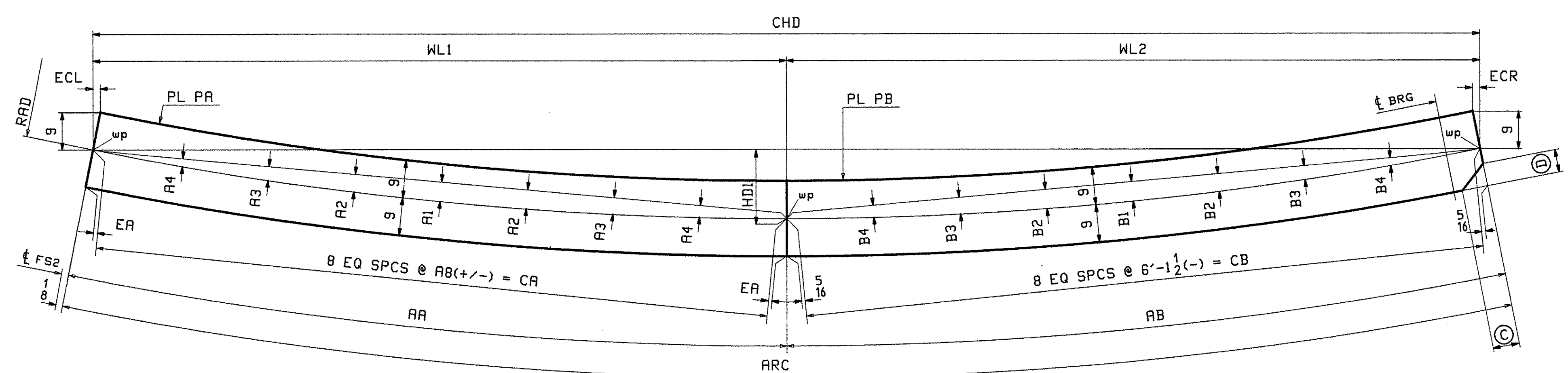
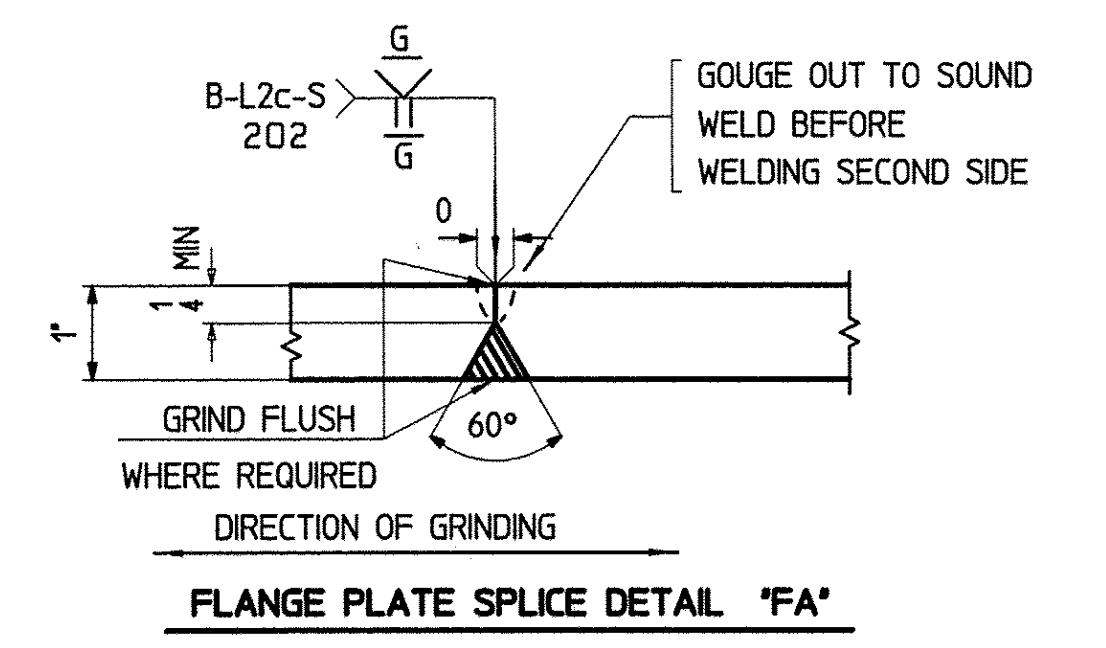


SECTION A-A



FLANGE DIAGRAM FOR 11G1C THRU 15G5C

LOCATION	RAD	ARC	CHD	AA	EA	A1	A2	A3	A4	AB	CA	B1	B2	B3	B4	ECL	ECR	WL1	WL2	HD1	PL PA (M270-50WT2)	PL PB (M270-50WT2)	(A)	(B)
11G1C TOP FLG	705.22	99'-2 ¹³ / ₁₆	99'-1 ¹³ / ₁₆	50'-2 ¹³ / ₁₆	5 ⁵ / ₁₆	5 ³ / ₈	5 ¹ / ₁₆	4	2 ³ / ₈	6'-3 ⁵ / ₁₆	50'-2 ¹¹ / ₁₆	5 ¹ / ₈	4 ¹³ / ₁₆	3 ¹³ / ₁₆	2 ¹ / ₄	9 ⁹ / ₁₆	9 ⁹ / ₁₆	50'-2 ⁵ / ₁₆	48'-11 ¹ / ₂	1'-8 ¹⁵ / ₁₆	PL 1 x 16-ta (3/E)	PL 1 x 16-tb (3/G)	6 ¹ / ₂	4 ¹ / ₂
12G2C TOP FLG	711.05	95'-2 ¹ / ₄	95'-1 ³ / ₈	46'-2 ¹ / ₄	1 ¹ / ₄	4 ¹ / ₂	4 ¹ / ₄	3 ³ / ₈	2	5'-9 ¹ / ₄	46'-2 ³ / ₁₆	5 ¹ / ₁₆	4 ³ / ₄	3 ¹³ / ₁₆	2 ³ / ₁₆	9 ⁹ / ₁₆	9 ⁹ / ₁₆	46'-1 ¹³ / ₁₆	48'-11 ⁹ / ₁₆	1'-7 ¹ / ₁₆	PL 1 x 16-ta (3/L)	PL 1 x 16-tb (3/G)	6 ⁷ / ₁₆	4 ⁹ / ₁₆
13G3C TOP FLG	716.88	94'-2 ¹ / ₂	94'-1 ¹¹ / ₁₆	45'-2 ¹ / ₂	1 ¹ / ₄	4 ¹ / ₄	4	3 ³ / ₁₆	1 ⁷ / ₈	5'-7 ¹³ / ₁₆	45'-2 ³ / ₈	5	4 ¹¹ / ₁₆	3 ³ / ₄	2 ³ / ₁₆	1 ² / ₂	1 ² / ₂	45'-2 ¹ / ₁₆	48'-11 ⁵ / ₈	1'-6 ⁹ / ₁₆	PL 1 x 16-ta (3/N)	PL 1 x 16-tb (3/G)	6 ³ / ₈	4 ⁵ / ₈
14G4C TOP FLG	722.72	96'-3 ⁷ / ₁₆	96'-2 ⁹ / ₁₆	47'-3 ⁷ / ₁₆	1 ¹ / ₄	4 ⁵ / ₈	4 ³ / ₈	3 ¹ / ₂	2	5'-10 ¹⁵ / ₁₆	47'-3 ⁵ / ₁₆	5	4 ¹¹ / ₁₆	3 ³ / ₄	2 ³ / ₁₆	9 ⁹ / ₁₆	9 ⁹ / ₁₆	47'-3	48'-11 ⁹ / ₁₆	1'-7 ¹ / ₄	PL 1 x 16-ta (3/J)	PL 1 x 16-tb (3/G)	6 ³ / ₈	4 ³ / ₄
15G5C TOP FLG	728.55	92'-5	92'-4 ¹ / ₄	43'-5	1 ¹ / ₄	3 ⁷ / ₈	3 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ¹¹ / ₁₆	5'-5 ¹ / ₈	43'-4 ¹⁵ / ₁₆	4 ¹⁵ / ₁₆	4 ⁵ / ₈	3 ¹¹ / ₁₆	2 ³ / ₁₆	1 ² / ₂	1 ² / ₂	43'-4 ⁵ / ₈	48'-11 ⁵ / ₈	1'-5 ¹ / ₂	PL 1 x 16-ta (3/Q)	PL 1 x 16-tb (3/G)	6 ⁵ / ₁₆	4 ¹³ / ₁₆



SECTION B-B

LOCATION	RAD	ARC	CHD	AA	AB	EA	A1	A2	A3	A4	AB	CA	B1	B2	B3	B4	CB	ECL	ECR	WL1	WL2	HD1	PL PA (M270-50WT2)	PL PB (M270-50WT2)	(C)	(D)
11G1C BTM FLG	705.22	99'-2 ³ / ₄	99'-1 ³ / ₄	50'-2 ¹³ / ₁₆	48'-11 ¹⁵ / ₁₆	5 ⁵ / ₁₆	5 ³ / ₈	5	4	2 ³ / ₈	6'-3 ⁵ / ₁₆	50'-2 ¹¹ / ₁₆	5 ¹ / ₈	4 ¹³ / ₁₆	3 ¹³ / ₁₆	2 ¹ / ₄	48'-11 ¹³ / ₁₆	5 ⁵ / ₈	5 ⁵ / ₈	50'-2 ⁵ / ₁₆	48'-11 ⁷ / ₁₆	1'-8 ¹⁵ / ₁₆	PL 1 x 18-ba (1/W)	PL 1 x 18-bb (1/Y)	7 ¹⁵ / ₁₆	5 ¹ / ₂
12G2C BTM FLG	711.05	95'-2 ³ / ₁₆	95'-1 ⁵ / ₁₆	46'-2 ¹ / ₄	48'-11 ¹⁵ / ₁₆	5 ⁵ / ₁₆	4 ¹ / ₂	4 ¹ / ₄	3 ³ / ₈	2	5'-9 ¹ / ₄	46'-2 ¹ / ₈	5 ¹ / ₁₆	4 ³ / ₄	3 ¹³ / ₁₆	2 ³ / ₁₆	48'-11 ¹³ / ₁₆	5 ⁵ / ₈	5 ⁵ / ₈	46'-1 ¹³ / ₁₆	48'-11 ¹ / ₂	1'-7 ¹ / ₁₆	PL 1 x 18-ba (2/C)	PL 1 x 18-bb (1/Y)	7 ⁷ / ₈	5 ⁹ / ₁₆
13G3C BTM FLG	716.88	94'-2 ⁷ / ₁₆	94'-1 ⁵ / ₈	45'-2 ⁷ / ₁₆	49'-0	5 ⁵ / ₁₆	4 ¹ / ₄	4	3 ³ / ₁₆	1 ⁷ / ₈	5'-7 ¹³ / ₁₆	45'-2 ³ / ₈	5	4 ¹¹ / ₁₆	3 ³ / ₄	2 ³ / ₁₆	48'-11 ⁷ / ₈	9 ⁹ / ₁₆	9 ⁹ / ₁₆	45'-2 ¹ / ₁₆	48'-11 ⁹ / ₁₆	1'-6 ⁹ / ₁₆	PL 1 x 18-ba (2/E)	PL 1 x 18-bb (1/Y)	7 ³ / ₄	5 ⁵ / ₈
14G4C BTM FLG	722.72	96'-3 ³ / ₈	96'-2 ¹ / ₂	47'-3 ³ / ₈	49'-0	5 ⁵ / ₁₆	4 ⁵ / ₈	4 ³ / ₈	3 ¹ / ₂	2	5'-10 ¹⁵ / ₁₆	47'-3 ¹ / ₄	5	4 ¹¹ / ₁₆	3 ³ / ₄	2 ³ / ₁₆	48'-11 ⁷ / ₈	5 ⁵ / ₈	5 ⁵ / ₈	47'-2 ¹⁵ / ₁₆	48'-11 ⁹ / ₁₆	1'-7 ¹ / ₄	PL 1 x 18-ba (2/A)	PL 1 x 18-bb (1/Y)	7 ¹¹ / ₁₆	5 ³ / ₄
15G5C BTM FLG	728.55	92'-4 ⁷ / ₈	92'-4 ¹ / ₈	43'-4 ¹⁵ / ₁₆	48'-11 ¹⁵ / ₁₆	1 ¹ / ₄	3 ⁷ / ₈	3 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ¹¹ / ₁₆	5'-5 ¹ / ₈	43'-4 ¹³ / ₁₆	4 ¹⁵ / ₁₆	4 ⁵ / ₈	3 ¹¹ / ₁₆	2 ³ / ₁₆	48'-11 ⁷ / ₈	9 ⁹ / ₁₆	9 ⁹ / ₁₆	43'-4 ⁹ / ₁₆	48'-11 ⁹ / ₁₆	1'-5 ¹ / ₂	PL 1 x 18-ba (2/G)	PL 1 x 18-bb (1/Y)	7 ⁵ / ₈	5 ¹³ / ₁₆

NOTES:
1. FOR GENERAL SHOP NOTES SEE DRAWING GNI.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						MAY 23 2012
MATERIAL:		SURFACE PREP. & PAINT:		HOLES:		SHOP BOLTS:
				AS NOTED		AS NOTED
DESCRIPTION: FLANGE CUTTING DIAGRAMS						
CASCO BAY STEEL STRUCTURES, INC. 1 WALLACE AVE. PHONE (207) 780-6722 SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726						
STRUCTURE: THETFORD VT. RTE 132 OVER THE WEST BRANCH OF OMPOMANOOSUC RIVER				DRAWN:	DATE:	
				WL	04/23	
				CHKD:	DATE:	
				RLA	04/23	
LOCATION: THETFORD, VT				JOB NO.	DWG NO.	
PROJ NO. BHF 0177(9)				518	F3	
CUSTOMER: A.L. ST. ONGE CONTRACTING					REV. 1	

R.S. Inc. Rev. 15, 2012 03/14/12 PM 10:52:43 AM 2012/05/23 10:52:43 AM