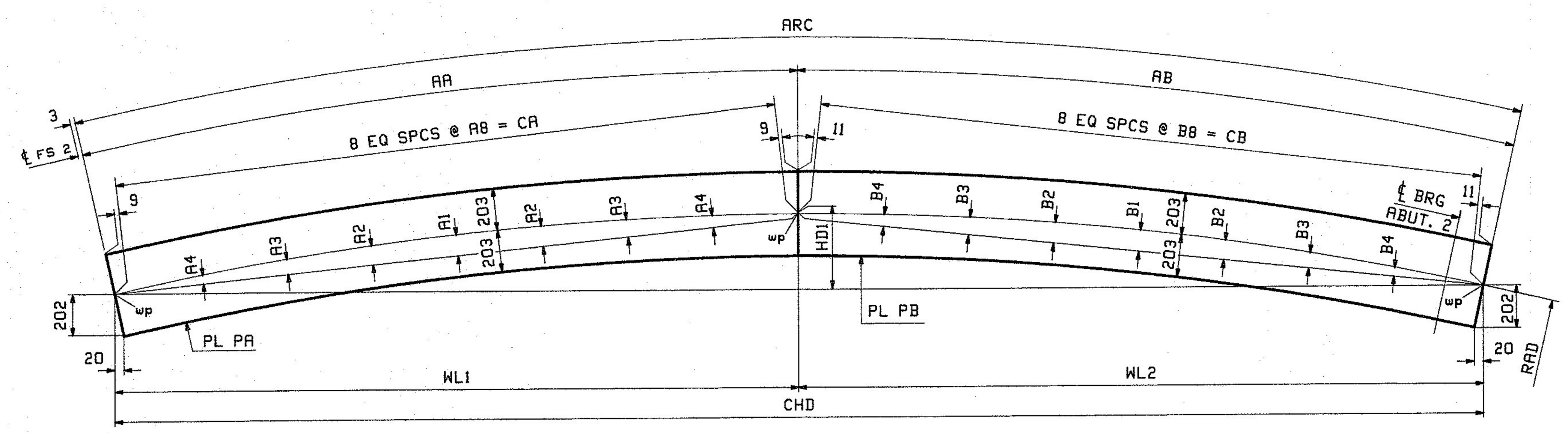
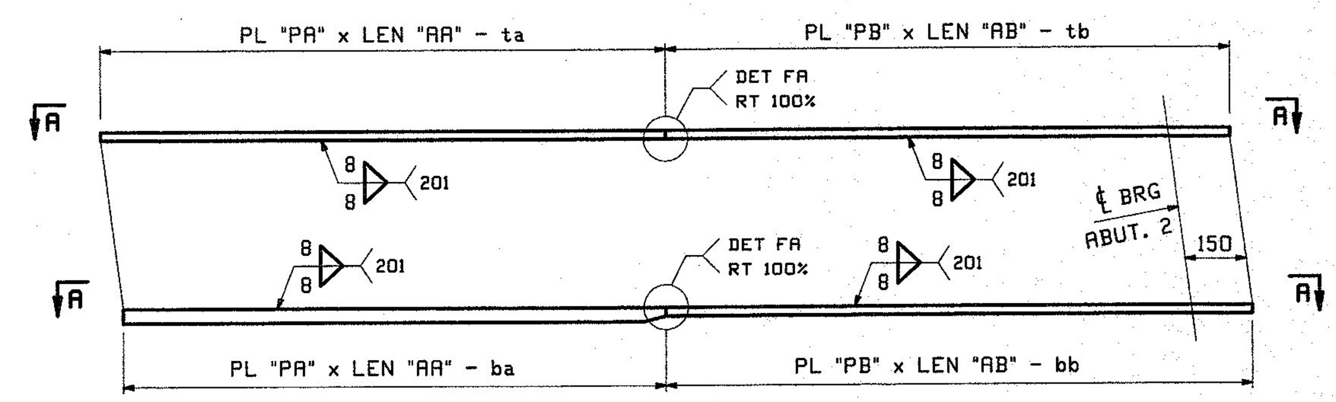
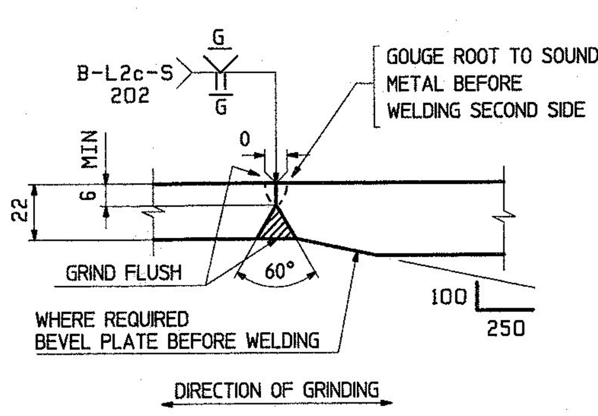


SECTION A-A



FLANGE DIAGRAM FOR 9G1C, 10G2C, 11G3C & 12G4C

LOCATION	RAD	ARC	CHD	AA	AB	A1	A2	A3	A4	A8	CA	B1	B2	B3	B4	B8	CB	WL1	WL2	HD1	PL PA (M270M-345WT2)	PL PB (M270M-345WT2)
9G1C TOP FLG	154 350	29 790	29 744	12 954	16 836	136	127	102	59	1619	12 950	229	215	172	100	2103	16 828	12 931	16 813	706	PL 29 x 406-ta (1/G)	PL 22 x 406-tb (2/A)
9G1C BTM FLG	154 350	29 792	29 746	12 954	16 838	136	127	102	59	1619	12 950	230	215	172	100	2104	16 830	12 931	16 815	706	PL 45 x 406-ba (1/A)	PL 22 x 406-bb (2/A)
10G2C TOP FLG	151 450	29 233	29 188	12 702	16 531	133	125	100	58	1587	12 698	225	211	169	99	2065	16 523	12 680	16 508	693	PL 25 x 406-ta (1/J)	PL 22 x 406-tb (2/E)
10G2C BTM FLG	151 450	29 235	29 190	12 702	16 533	133	125	100	58	1587	12 698	226	211	169	99	2066	16 525	12 680	16 510	693	PL 38 x 406-ba (1/C)	PL 22 x 406-bb (2/E)
11G3C TOP FLG	148 550	28 676	28 632	12 469	16 207	131	123	98	57	1558	12 465	221	207	166	97	2025	16 199	12 447	16 185	680	PL 25 x 406-ta (1/L)	PL 22 x 406-tb (2/J)
11G3C BTM FLG	148 550	28 677	28 633	12 469	16 208	131	123	98	57	1558	12 465	221	207	166	97	2025	16 200	12 447	16 186	680	PL 38 x 406-ba (1/E)	PL 22 x 406-bb (2/J)
12G4C TOP FLG	145 650	28 119	28 075	12 217	15 902	128	120	96	56	1527	12 213	217	203	163	95	1987	15 894	12 195	15 880	666	PL 22 x 406-ta (2/Q)	PL 22 x 406-tb (2/N)
12G4C BTM FLG	145 650	28 120	28 076	12 217	15 903	128	120	96	56	1527	12 213	217	203	163	95	1987	15 895	12 195	15 881	666	PL 25 x 406-ba (1/N)	PL 22 x 406-bb (2/N)



FLANGE PLATE SPLICE DETAIL "FA"

NOTES:
1. FOR GENERAL NOTES SEE DRAWING GN1.
2. T2 - DENOTES MATERIAL SUBJECT TO CHARPY V-NOTCH TEST AT H FREQ. FOR ZONE 2.

Trans Received
CK'D ______ OK'd BY ______
NOV 0 1 2012
Resubmit ______ APPROVED ✓
BY ______ DATE 11/22/12

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0					10/22/12	

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270M-345WT2	SEE GN1	AS NOTED	AS NOTED

DESCRIPTION: FLANGE DIAGRAMS

CASCO BAY STEEL STRUCTURES, INC.
1 WALLACE AVE. PHONE (207) 780-6722
SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726
TENSOR 3146

STRUCTURE: VT ROUTE 108, BRIDGE #21
MAJOR COLLECTOR
TOWN OF CAMBRIDGE
COUNTY OF LAMOILLE, VERMONT

DRAWN: CRK DATE: 10/03
CHKD: RLA DATE: 10/04

LOCATION: CAMBRIDGE, VERMONT
PROJ NO. BRF 027-1(4)
CUSTOMER: A. L. ST. ONGE CONTRACTING
JOB NO. 524
DWG NO. F2
REV. △