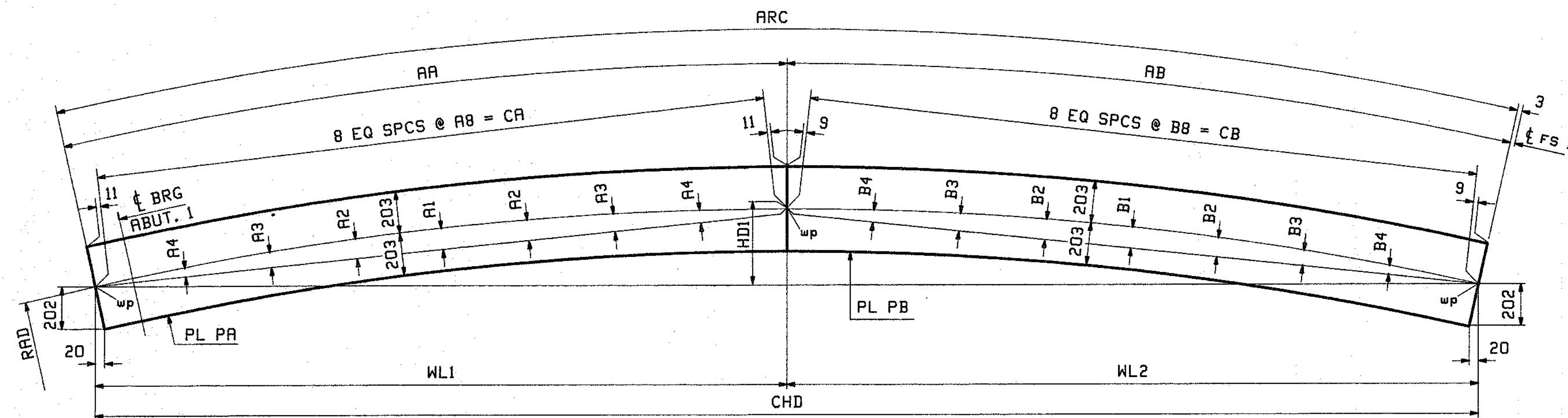
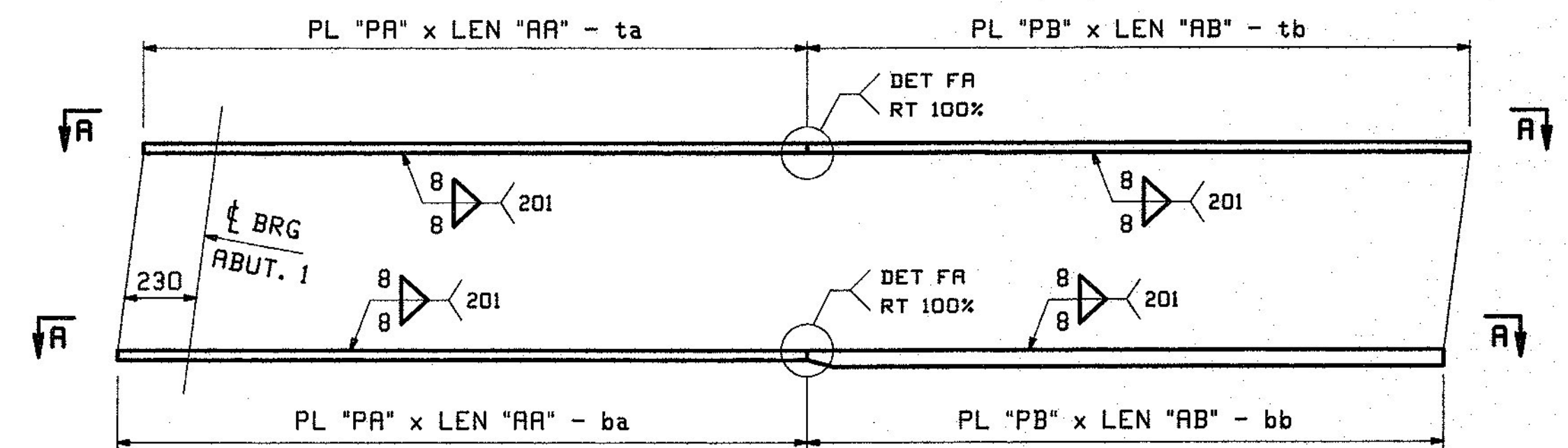


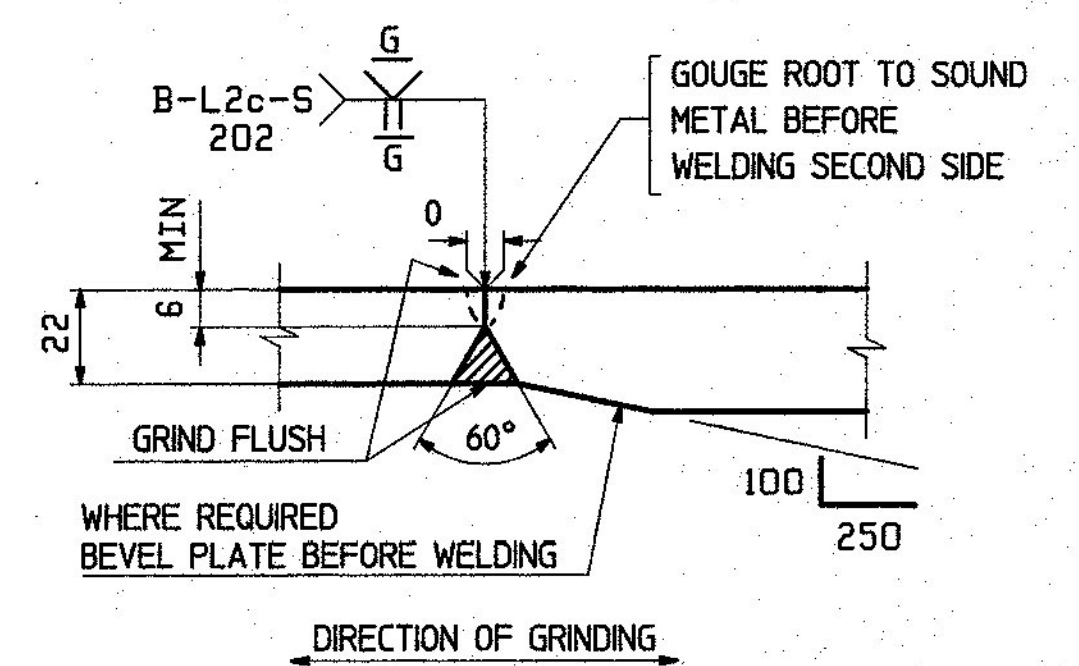


SECTION A-A

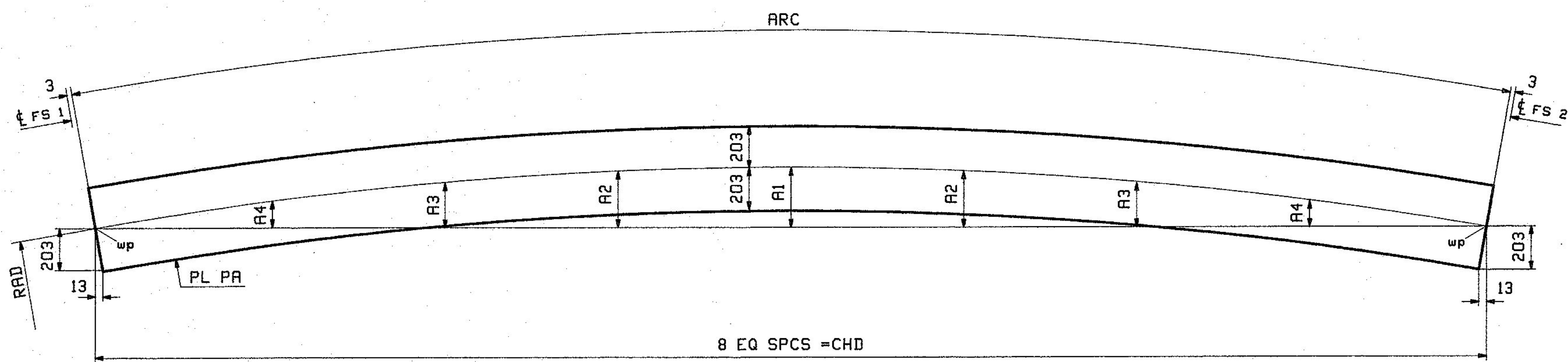
LOCATION	RAD	ARC	CHD	AA	AB	A1	A2	A3	A4	A8	CA	B1	B2	B3	B4	B8	CB	WL1	WL2	HD1	PL PA (M270M-345WT2)	PL PB (M270M-345WT2)
1G1A TOP FLG	154 350	29 866	29 819	16 912	12 954	232	217	174	101	2113	16 904	136	127	102	59	1619	12 950	16 889	12 930	709	PL 22 x 406-ta (1/Y)	PL 29 x 406-tb (1/G)
1G1A BTM FLG	154 350	29 873	29 826	16 920	12 953	232	217	174	101	2114	16 911	136	127	102	59	1619	12 950	16 896	12 930	709	PL 22 x 406-ba (1/Y)	PL 45 x 406-bb (1/A)
2G2A TOP FLG	151 450	29 310	29 264	16 608	12 702	228	213	171	100	2075	16 599	133	125	100	58	1587	12 699	16 584	12 680	696	PL 22 x 406-ta (2/C)	PL 25 x 406-tb (1/J)
2G2A BTM FLG	151 450	29 317	29 271	16 615	12 702	228	214	171	100	2076	16 606	133	125	100	58	1587	12 699	16 591	12 680	696	PL 22 x 406-ba (2/C)	PL 38 x 406-bb (1/C)
3G3A TOP FLG	148 550	28 753	28 708	16 284	12 469	223	209	167	98	2034	16 275	131	123	98	57	1558	12 466	16 261	12 447	683	PL 22 x 406-ta (2/G)	PL 25 x 406-tb (1/L)
3G3A BTM FLG	148 550	28 759	28 714	16 291	12 468	223	209	167	98	2035	16 282	131	123	98	57	1558	12 465	16 268	12 446	683	PL 22 x 406-ba (2/G)	PL 38 x 406-bb (1/E)
4G4A TOP FLG	145 650	28 196	28 152	15 978	12 218	219	205	164	96	1996	15 970	128	120	96	56	1527	12 214	15 956	12 196	670	PL 22 x 406-ta (2/L)	PL 22 x 406-tb (2/Q)
4G4A BTM FLG	145 650	28 203	28 159	15 985	12 218	219	206	164	96	1997	15 977	128	120	96	56	1527	12 214	15 963	12 196	670	PL 22 x 406-ba (2/L)	PL 25 x 406-bb (1/N)



FLANGE DIAGRAM FOR 1G1A, 2G2A, 3G3A & 4G4A

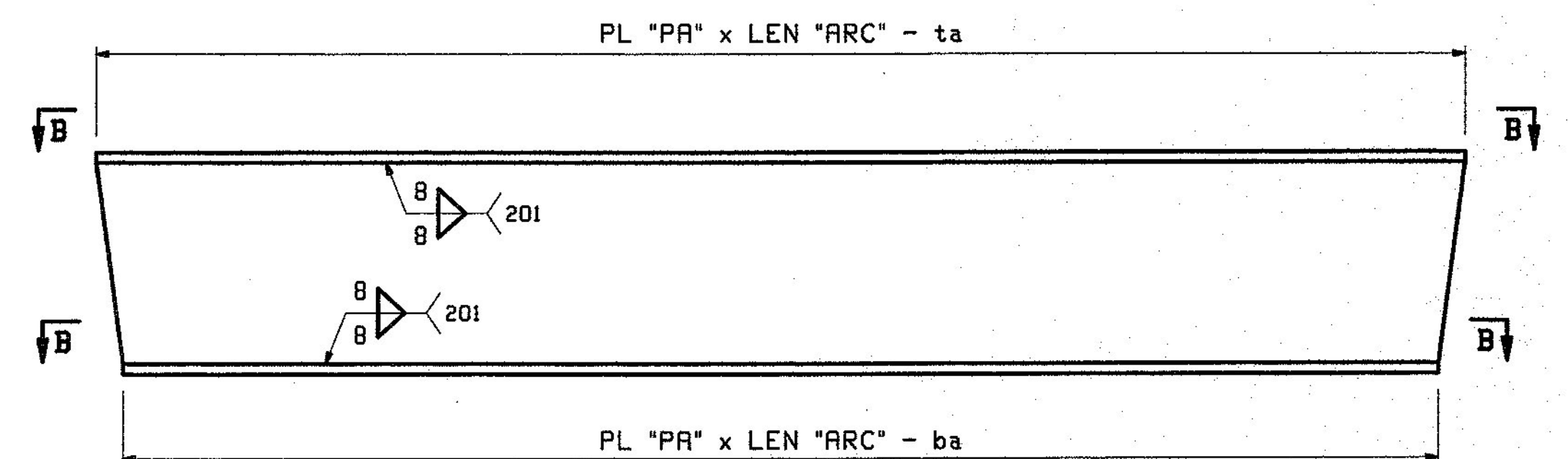


FLANGE PLATE SPLICE DETAIL 'FA'



SECTION B-B

LOCATION	RAD	ARC	CHD	A1	A2	A3	A4	PL PA (M270M-345WT2)
5G1B TOP FLG	154 350	19 952	19 938	322	302	242	141	PL 22 x 406-ta (1/Q)
5G1B BTM FLG	154 350	19 936	19 922	322	302	241	141	PL 22 x 406-ba (1/Q)
6G2B TOP FLG	151 450	19 576	19 562	316	296	237	138	PL 22 x 406-ta (1/S)
6G2B BTM FLG	151 450	19 560	19 546	316	296	237	138	PL 22 x 406-ba (1/S)
7G3B TOP FLG	148 550	19 201	19 188	310	291	233	136	PL 22 x 406-ta (1/U)
7G3B BTM FLG	148 550	19 185	19 172	310	290	232	136	PL 22 x 406-ba (1/U)
8G4B TOP FLG	145 650	18 827	18 814	304	285	228	133	PL 22 x 406-ta (1/W)
8G4B BTM FLG	145 650	18 811	18 798	304	285	228	133	PL 22 x 406-ba (1/W)



FLANGE DIAGRAM FOR 5G1B, 6G2B, 7G3B & 8G4B

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

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						
MATERIAL:		SURFACE PREP. & PAINT:		HOLES:		SHOP BOLTS:
M270M-345WT2		SEE GNI		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			
STRUCTURE: VT ROUTE 108, BRIDGE #21					DRAWN:	DATE:
MAJOR COLLECTOR					CRK	10/03
TOWN OF CAMBRIDGE					CHKD:	DATE:
COUNTY OF LAMOILLE, VERMONT					RLA	10/04
LOCATION: CAMBRIDGE, VERMONT					JOB NO.	DWG NO.
PROJ NO. BRP 027-1(4)					524	F1
CUSTOMER: A. L. ST. ONGE CONTRACTING					REV.	△