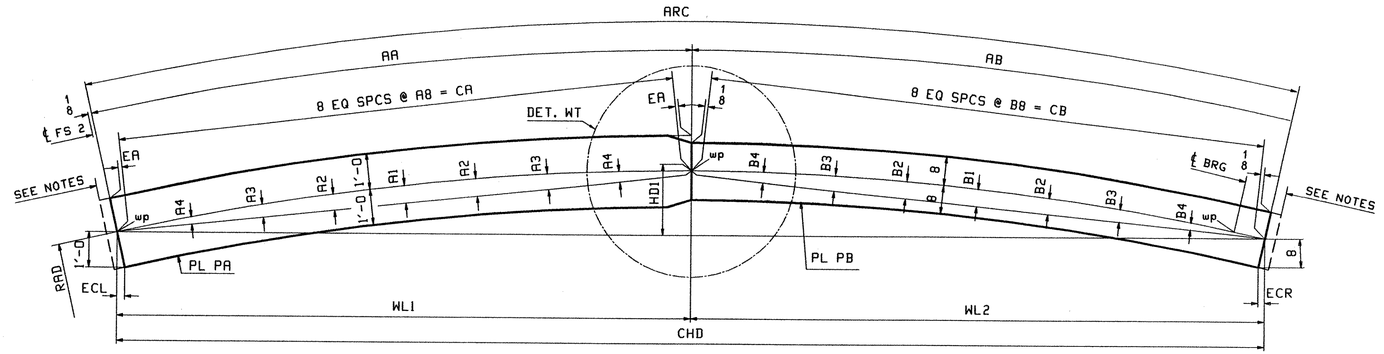
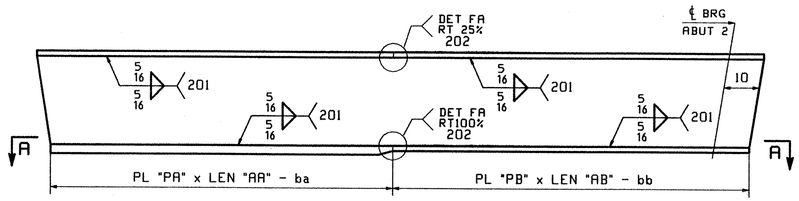


SECTION A-A

LOCATION	RAD	ARC	CHD	AA	AB	EA	A1	A2	A3	A4	A8	CA	B1	B2	B3	B4	B8	CB	ECL	ECR	WL1	WL2	HD1	PL PA (M270-50WT2)	PL PB (M270-50WT2)
G1C BTM FLG	782.44	91'-6 5/16	91'-5 11/16	69'-10 5/16	21'-8	9/16	9 3/8	8 3/4	7	4 1/16	8'-8 3/4	69'-10	7/8	13/16	11/16	3/8	2'-8 1/2	21'-8	11/16	7/16	69'-9 15/16	21'-7 3/4	11 5/8	PL 1 1/4 x 24 -ba (H2-3) (1/Q)	PL 1 x 16 -bb (H2-3) (4/E)
G2C BTM FLG	773.19	91'-9 1/16	91'-8 7/16	70'-1 1/16	21'-8	9/16	9 1/2	8 15/16	7 1/8	4 3/16	8'-9 1/8	70'-0 3/4	15/16	7/8	11/16	3/8	2'-8 1/2	21'-8	11/16	1/2	70'-0 11/16	21'-7 3/4	11 3/4	PL 1 1/4 x 24 -ba (H2-3) (1/N)	PL 1 x 16 -bb (H2-3) (4/E)
G3C BTM FLG	763.94	87'-7 5/16	87'-6 3/4	65'-11 5/16	21'-8	1/2	8 9/16	8	6 3/8	3 3/4	8'-2 7/8	65'-11 1/16	15/16	7/8	11/16	3/8	2'-8 1/2	21'-8	11/16	7/16	65'-11	21'-7 3/4	11 3/16	PL 1 1/4 x 24 -ba (H2-3) (1/S)	PL 1 x 16 -bb (H2-3) (4/E)
G4C BTM FLG	754.69	97'-4 5/16	97'-3 1/2	78'-8 5/16	18'-8	5/8	1'-0 5/16	11 9/16	9 1/4	5 3/8	9'-10	78'-7 7/8	11/16	5/8	1/2	5/16	2'-4	18'-8	3/4	1/2	78'-7 13/16	18'-7 11/16	11 11/16	PL 1 1/4 x 24 -ba (H2-3) (1/J)	PL 1 x 16 -bb (H2-3) (4/L)
G5C BTM FLG	745.44	96'-10	96'-9 3/16	75'-2	21'-8	5/8	11 3/8	10 11/16	8 1/2	5	9'-4 11/16	75'-1 5/8	15/16	7/8	11/16	7/16	2'-8 1/2	21'-8	3/4	1/2	75'-1 1/2	21'-7 11/16	1'-1 1/8	PL 1 1/4 x 24 -ba (H2-3) (1/L)	PL 1 x 16 -bb (H2-3) (4/E)



FLANGE DIAGRAM FOR G1C, G2C, G3C, G4C & G5C

NOTES:

1. FOR GENERAL NOTES, WELD DETAIL FA AND WIDTH TRANSITION DETAIL WT SEE SHT. GN1.
2. TRIM FLANGES AFTER WELDING TO WEB
3. H2-3 DENOTES MATERIAL SUBJECT TO CHARPY V-NOTCH TEST AT H FREQ. FOR ZONE 2 OF 15ft-lbs @ 40 °F

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	OUT FOR APPROVAL	9902									
	OUT FOR APPROVAL										
	ISSUED TO SHOP										
	FIELD & OFFICE										

MATERIAL:	ELECTRODES:	HOLES:	SHOP BOLTS:
M270-50W		15/16"ø (UN)	7/8"ø A325-3

SURFACE PREP. & PAINT:
-STEEL WITHIN 10'-0 ENDS OF GIRDERS SHALL BE PAINTED (SEE GN1)
-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.

DESCRIPTION:	FLANGE DIAGRAM	DRAWN BY	DATE
JOB:	VT RTE 9 OVER THE DEERFIELD RIVER	AB	07/23
	BRIDGE NO. 25A	CHKD BY	
	SEARSBURG, VERMONT	DO	07/31
TENSOR 2242	CONTRACTOR: J.A. McDONALD	APPROV BY	
		SUPERVISOR	W. J. GATTI
PROJ NO.	PROJ. NHF 010-1(18)	Q.A.	
CUSTOMER:	VERMONT AGENCY OF TRANSPORTATION		

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179

JOB NO.	DRG. NO.
166	F5
	REV. △

RECEIVED
CK'D BY DV OK'D BY
SEP 09 2002
RESUBMIT APPROVED
BY DATE 9-27-02

647-BR-25A-F5

Thu Aug 1 13:30:57 EDT 2002 /users/jobs/2242/f5.dgn