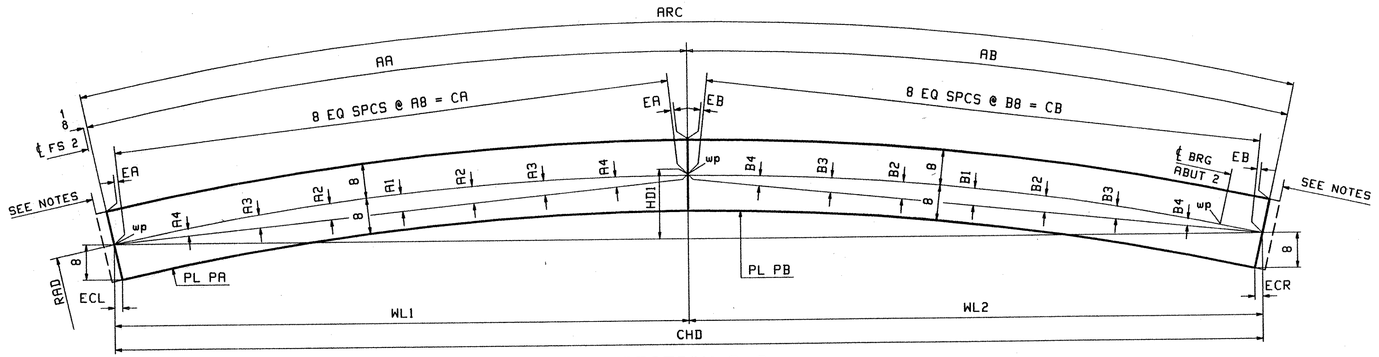
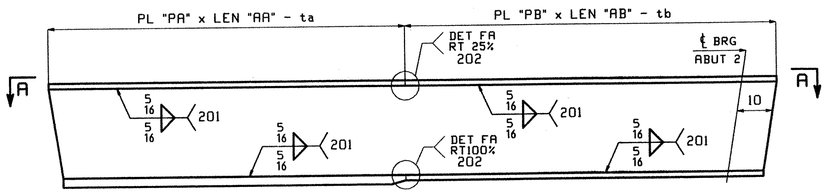


SECTION A-A

LOCATION	RAD	ARC	CHD	AA	AB	EA	A1	A2	A3	A4	A8	CA	EB	B1	B2	B3	B4	B8	CB	ECL	ECR	WL1	WL2	HD1	PL PA (M270-50WT2)	PL PB (M270-50WT2)
G1C TOP FLG	782.44	91'-7 5/8	91'-7	51'-11 5/8	39'-8	1/4	5 3/16	4 7/8	3 7/8	2 1/4	6'-5 15/16	51'-11 1/2	3/16	3	2 13/16	2 1/4	1 5/16	4'-11 1/2	39'-7 15/16	7/16	7/16	51'-11 5/16	39'-7 11/16	1'-3 13/16	PL 1 x 16 -ta (H2-3) (3/L)	PL 1 x 16 -tb (H2-3) (3/U)
G2C TOP FLG	773.19	91'-10 3/8	91'-9 3/4	52'-2 3/8	39'-8	1/4	5 5/16	4 15/16	3 15/16	2 5/16	6'-6 1/4	52'-2 1/4	3/16	3 1/16	2 7/8	2 5/16	1 5/16	4'-11 1/2	39'-7 15/16	1/2	1/2	52'-2 1/16	39'-7 11/16	1'-4 1/16	PL 1 x 16 -ta (H2-3) (3/L)	PL 1 x 16 -tb (H2-3) (3/U)
G3C TOP FLG	763.94	87'-8 5/8	87'-8 1/16	48'-0 5/8	39'-8	1/4	4 9/16	4 1/4	3 3/8	2	6'-0 1/16	48'-0 1/2	3/16	3 1/16	2 7/8	2 5/16	1 3/8	4'-11 1/2	39'-7 15/16	7/16	7/16	48'-0 5/16	39'-7 3/4	1'-2 15/16	PL 1 x 16 -ta (H2-3) (3/Q)	PL 1 x 16 -tb (H2-3) (3/U)
G4C TOP FLG	754.69	97'-5 5/8	97'-4 13/16	53'-9 5/8	43'-8	5/16	5 3/4	5 3/8	4 5/16	2 1/2	6'-8 11/16	53'-9 1/2	1/4	3 13/16	3 9/16	2 13/16	1 11/16	5'-5 1/2	43'-7 15/16	1/2	1/2	53'-9 3/16	43'-7 5/8	1'-6 11/16	PL 1 x 16 -ta (H2-3) (3/J)	PL 1 x 16 -tb (H2-3) (3/S)
G5C TOP FLG	745.44	96'-11 1/4	96'-10 7/16	61'-3 1/4	35'-8	5/16	7 9/16	7 1/16	5 11/16	3 5/16	7'-7 7/8	61'-3 1/16	3/16	2 9/16	2 3/8	1 15/16	1 1/8	4'-5 1/2	35'-8	1/2	1/2	61'-2 13/16	35'-7 5/8	1'-5 9/16	PL 1 x 16 -ta (H2-3) (3/R)	PL 1 x 16 -tb (H2-3) (3/W)



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

NOTES:

1. FOR GENERAL NOTES AND WELD DETAIL FA 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 15lbs @ 40 °F

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	OUT FOR APPROVAL	9.9.02									
	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.

RECEIVED
OK'D BY DK OK'D BY
SEP 09 2002
RESUBMIT APPROVED
BY RRW DATE 9-27-02

DESCRIPTION: FLANGE DIAGRAM

JOB: VT RTE 9 OVER THE DEERFIELD RIVER
BRIDGE NO. 25A
SEARSBURG, VERMONT
CONTRACTOR: J.A. McDONALD

PROJ NO. PROJ. NHF 010-1(18)

CUSTOMER: VERMONT AGENCY OF TRANSPORTATION

DRAWN BY	DATE
AB	07/23
CHKD BY	
DO	07/31
APPROV BY	
SUPERVISOR	W. J. GATTI
Q.A.	

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

JOB NO. 166 | DRG. NO. F4 | REV. △

647-B225A F4

Thu Aug 1 21:17:04 EDT 2002 /users/jobs/2242/f4.dgn