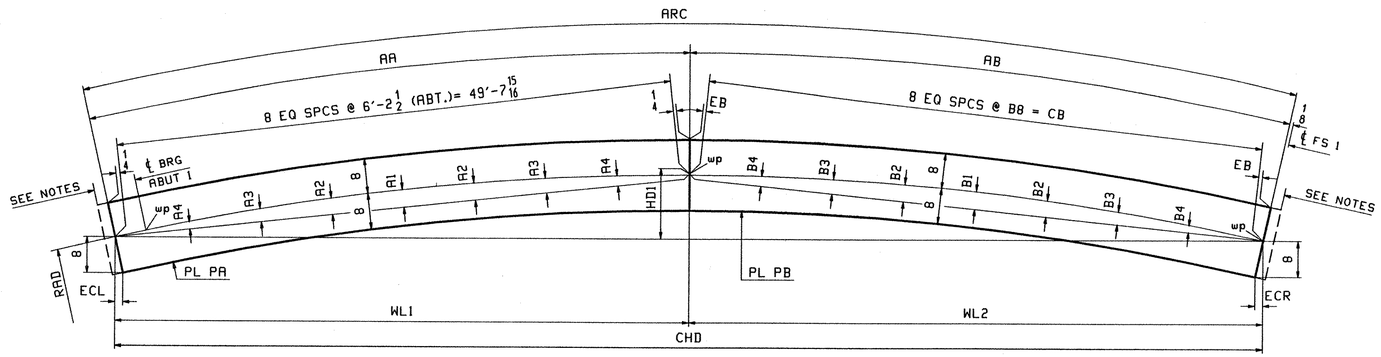
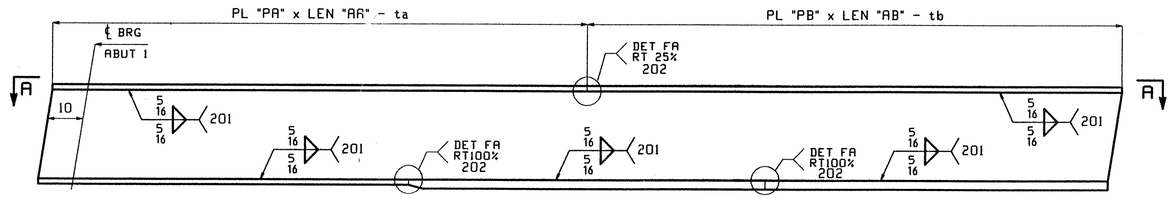
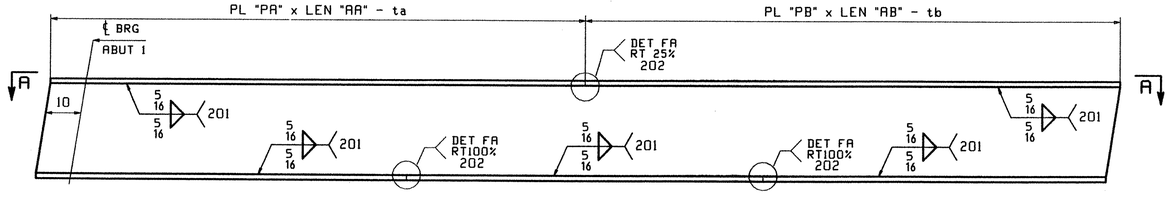


SECTION A-A

LOCATION	RAD	ARC	CHD	AA	AB	A1	A2	A3	A4	EB	B1	B2	B3	B4	B8	CB	ECL	ECR	WL1	WL2	HD1	PL PA (M270-50WT2)	PL PB (M270-50WT2)
G1A TOP FLG	782.44	108'-4 1/8	108'-3 1/16	49'-8 1/16	58'-8 1/16	4 3/4	4 7/16	3 9/16	2 1/16	5/16	6 5/8	6 3/16	4 15/16	2 7/8	7'-4	58'-7 15/16	9/16	9/16	49'-7 1/2	58'-7 9/16	1'-10 5/16	PL 1 x 16 -ta (H2-3) (3/N)	PL 1 x 16 -tb (H2-3) (3/G)
G2A TOP FLG	773.19	110'-5 5/16	110'-4 3/16	49'-8	60'-9 5/16	4 13/16	4 1/2	3 9/16	2 1/16	5/16	7 3/16	6 11/16	5 3/8	3 1/8	7'-7 1/8	60'-9 1/16	9/16	9/16	49'-7 1/2	60'-8 11/16	1'-11 7/16	PL 1 x 16 -ta (H2-3) (3/N)	PL 1 x 16 -tb (H2-3) (3/C)
G3A TOP FLG	763.94	116'-9	116'-7 5/8	49'-8	67'-1	4 13/16	4 9/16	3 5/8	2 1/8	3/8	8 13/16	8 5/16	6 5/8	3 7/8	8'-4 9/16	67'-0 11/16	5/8	5/8	49'-7 5/16	67'-0 5/16	2'-2 1/8	PL 1 x 16 -ta (H2-3) (3/N)	PL 1 x 16 -tb (H2-3) (2/G)
G4A TOP FLG	754.69	109'-3 1/2	109'-2 3/8	49'-8 1/16	59'-7 7/16	4 7/8	4 5/8	3 11/16	2 1/8	5/16	7 1/16	6 5/8	5 5/16	3 1/16	7'-5 7/16	59'-7 5/16	9/16	9/16	49'-7 1/2	59'-6 7/8	1'-11 1/2	PL 1 x 16 -ta (H2-3) (3/N)	PL 1 x 16 -tb (H2-3) (3/E)
G5A TOP FLG	745.44	111'-8 3/4	111'-7 1/2	49'-8 1/16	62'-0 11/16	4 15/16	4 5/8	3 3/4	2 3/16	5/16	7 3/4	7 1/4	5 13/16	3 3/8	7'-9 1/16	62'-0 1/2	5/8	5/8	49'-7 7/16	62'-0 1/16	2'-0 13/16	PL 1 x 16 -ta (H2-3) (3/N)	PL 1 x 16 -tb (H2-3) (2/Y)



FLANGE DIAGRAM FOR G1A



FLANGE DIAGRAM FOR G2A, G3A, G4A & G5A

NOTES:

1. FOR GENERAL NOTES AND WELD DETAILS 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 15ft-lbs @ 40 °F

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

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.
	OUT FOR APPROVAL	9-9-02				
	OUT FOR APPROVAL					
	ISSUED TO SHOP					
	FIELD & OFFICE					

NO.	DIA.	LGT	TYPE	WASHER

MATERIAL: M270-50W
ELECTRODES:
HOLES: 15/16"ø (UN)
SHOP BOLTS: 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
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	07/30
APPROV BY	
SUPERVISOR	W. J. GAITI
Q.A.	

TENSOR 2242

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	F1
	REV. △

644-BR25A-F1

Thu Aug 1 15:52:41 CDT 2002 /users/pbs/2242/f1.dwg