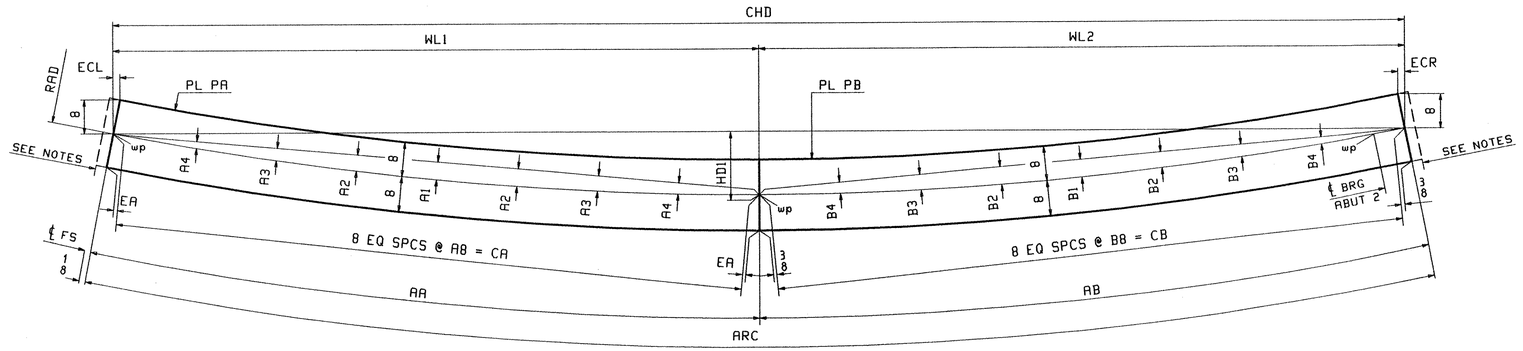
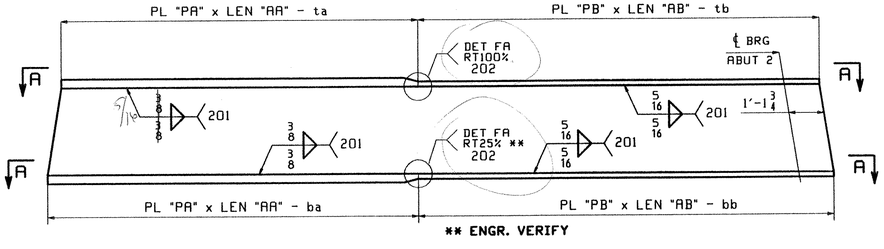


SECTION A-A

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 TOP FLG	745.19	101'-1 7/16	101'-0 1/2	28'-0 1/16	73'-1 3/8	1/8	1 9/16	1 1/2	1 3/16	11/16	3'-6	28'-0 1/16	10 3/4	10 1/16	8 1/16	4 11/16	9'-1 5/8	73'-1	9/16	9/16	27'-11 5/8	73'-0 7/8	1'-4 7/16	PL 1 1/2 x 16 -ta (H2-3) (1/J)	PL 7/8 x 16 -tb (H2-3) (1/U)
G1C BTM FLG	745.19	101'-2 15/16	101'-2	28'-0 1/16	73'-2 7/8	1/8	1 9/16	1 1/2	1 3/16	11/16	3'-6	28'-0 1/16	10 13/16	10 1/8	8 1/8	4 3/4	9'-1 13/16	73'-2 1/2	9/16	9/16	27'-11 5/8	73'-2 3/8	1'-4 1/2	PL 1 1/2 x 16 -ba (H2-3) (1/J)	PL 7/8 x 16 -bb (H2-3) (1/Q)
G2C TOP FLG	752.69	105'-8 5/16	105'-7 1/4	33'-0 1/8	72'-8 3/16	3/16	2 3/16	2 1/16	1 5/8	15/16	4'-1 1/2	33'-0 1/16	10 1/2	9 7/8	7 7/8	4 5/8	9'-1	72'-7 7/8	9/16	9/16	32'-11 5/8	72'-7 5/8	1'-7 1/16	PL 1 1/2 x 16 -ta (H2-3) (1/C)	PL 7/8 x 16 -tb (H2-3) (1/W)
G2C BTM FLG	752.69	105'-9 3/4	105'-8 11/16	33'-0 1/8	72'-9 5/8	3/16	2 3/16	2 1/16	1 5/8	15/16	4'-1 1/2	33'-0 1/16	10 9/16	9 7/8	7 15/16	4 5/8	9'-1 3/16	72'-9 5/16	9/16	9/16	32'-11 5/8	72'-9 1/16	1'-7 1/8	PL 1 1/2 x 16 -ba (H2-3) (1/C)	PL 7/8 x 16 -bb (H2-3) (1/W)
G3C TOP FLG	760.19	105'-3 5/16	105'-2 5/16	33'-0 1/8	72'-3 3/16	3/16	2 1/8	2	1 5/8	15/16	4'-1 1/2	33'-0 1/16	10 5/16	9 11/16	7 3/4	4 1/2	9'-0 3/8	72'-2 7/8	9/16	9/16	32'-11 5/8	72'-2 11/16	1'-6 13/16	PL 1 1/2 x 16 -ta (H2-3) (1/C)	PL 7/8 x 16 -tb (H2-3) (2/A)
G3C BTM FLG	760.19	105'-4 3/4	105'-3 3/4	33'-0 1/8	72'-4 5/8	3/16	2 1/8	2	1 5/8	15/16	4'-1 1/2	33'-0 1/16	10 5/16	9 11/16	7 3/4	4 1/2	9'-0 9/16	72'-4 5/16	9/16	9/16	32'-11 5/8	72'-4 1/8	1'-6 13/16	PL 1 1/2 x 16 -ba (H2-3) (1/C)	PL 7/8 x 16 -bb (H2-3) (1/Y)
G4C TOP FLG	767.69	100'-10 1/2	100'-9 5/8	29'-0 1/16	71'-10 7/16	1/8	1 5/8	1 9/16	1 1/4	3/4	3'-7 1/2	29'-0 1/16	10 1/16	9 7/16	7 9/16	4 7/16	8'-11 3/4	71'-10 1/8	1/2	1/2	28'-11 11/16	71'-9 15/16	1'-4 1/4	PL 1 1/2 x 16 -ta (H2-3) (1/G)	PL 7/8 x 16 -tb (H2-3) (2/C)
G4C BTM FLG	767.69	100'-11 15/16	100'-11 1/16	29'-0 1/16	71'-11 7/8	1/8	1 5/8	1 9/16	1 1/4	3/4	3'-7 1/2	29'-0 1/16	10 1/8	9 1/2	7 5/8	4 7/16	8'-11 15/16	71'-11 9/16	1/2	1/2	28'-11 11/16	71'-11 3/8	1'-4 5/16	PL 1 1/2 x 16 -ba (H2-3) (1/G)	PL 7/8 x 16 -bb (H2-3) (2/C)
G5C TOP FLG	775.19	104'-6	104'-5 1/16	33'-0 1/8	71'-5 7/8	3/16	2 1/8	2	1 9/16	15/16	4'-1 1/2	33'-0 1/16	9 7/8	9 1/4	7 7/16	4 5/16	8'-11 3/16	71'-5 5/8	9/16	9/16	32'-11 5/8	71'-5 7/16	1'-6 1/4	PL 1 1/2 x 16 -ta (H2-3) (1/C)	PL 7/8 x 16 -tb (H2-3) (2/E)
G5C BTM FLG	775.19	104'-7 3/8	104'-6 7/16	33'-0 1/8	71'-7 1/4	3/16	2 1/8	2	1 9/16	15/16	4'-1 1/2	33'-0 1/16	9 15/16	9 5/16	7 7/16	4 5/16	8'-11 3/8	71'-7	9/16	9/16	32'-11 5/8	71'-6 13/16	1'-6 1/4	PL 1 1/2 x 16 -ba (H2-3) (1/C)	PL 7/8 x 16 -bb (H2-3) (2/E)
G6C TOP FLG	782.69	104'-1 11/16	104'-0 3/4	34'-0 1/8	70'-1 9/16	3/16	2 3/16	2 1/16	1 11/16	1	4'-3	34'-0 1/16	9 7/16	8 13/16	7 1/16	4 1/8	8'-9 3/16	70'-1 5/16	1/2	9/16	33'-11 5/8	70'-1 1/8	1'-6 1/4	PL 1 1/2 x 16 -ta (H2-3) (1/A)	PL 7/8 x 16 -tb (H2-3) (2/L)
G6C BTM FLG	782.69	104'-3	104'-2 1/16	34'-0 1/8	70'-2 7/8	3/16	2 3/16	2 1/16	1 11/16	1	4'-3	34'-0 1/16	9 7/16	8 7/8	7 1/16	4 1/8	8'-9 5/16	70'-2 5/8	9/16	9/16	33'-11 5/8	70'-2 7/16	1'-6 5/16	PL 1 1/2 x 16 -ba (H2-3) (1/A)	PL 7/8 x 16 -bb (H2-3) (2/L)



FLANGE DIAGRAM FOR G1C THRU G6C

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	9-13-02									
	OUT FOR APPROVAL										
	ISSUED TO SHOP										
	FIELD & OFFICE										

MATERIAL: | ELECTRODES: | HOLES: | SHOP BOLTS:

SURFACE PREP. & PAINT:

RECEIVED
SEP 16 2002
CK'D BY DJV CK'D BY
RESUBMIT APPROVED
BY RKW DATE 10-3-02

DESCRIPTION: FLG CUTTING DIAGRAMS

JOB: VT. ROUTE OVER DEERFIELD RIVER
BRIDGE 258
SEARSBURG-WILMINGTON
SEARSBURG BENINGTON

TENSOR 2243

PROJ NO. F-010-1(18)

CUSTOMER: VERMONT D.O.T.

	DRAWN BY	DATE
	AB	07/22
	CHKD BY	
	JAK	07/24
	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. 167 | DRG. NO. F3 | REV. △

683-BR258-F3

JAK Thu Jul 25 09:26:14 EDT 2002 /users/jak/2247F3.dgn Rev:0