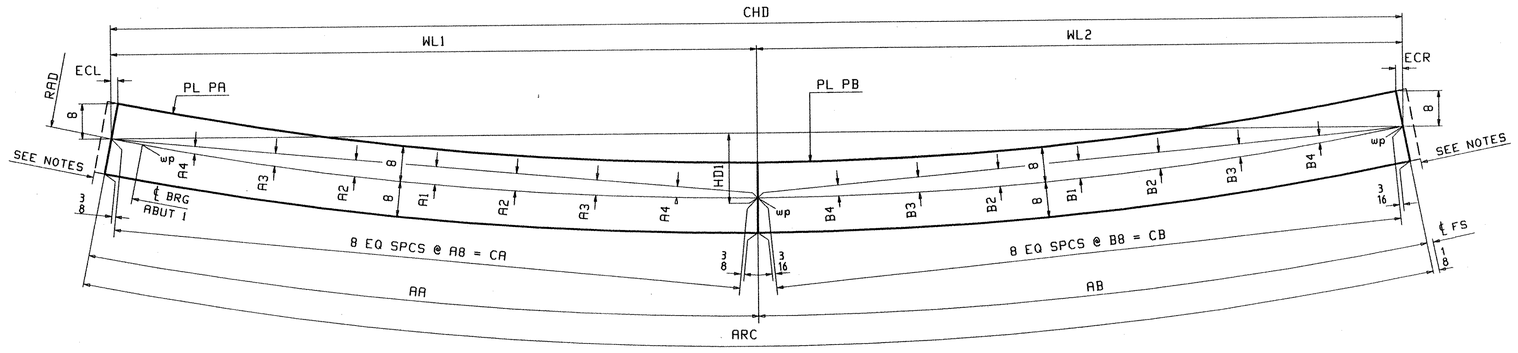
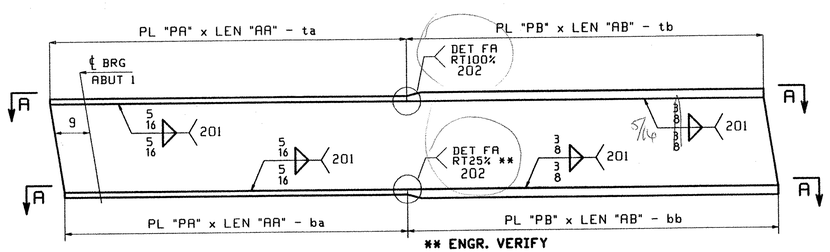


SECTION A-A

LOCATION	RAD	ARC	CHD	AA	AB	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)
G1A TOP FLG	745.19	107′-10 13/16	107′-9 11/16	74′-10 3/4	33′-0 1/16	11 5/16	10 9/16	8 7/16	4 15/16	9′-4 5/16	74′-10 5/16	2 3/16	2 1/16	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	74′-10 1/8	32′-11 9/16	1′-7 7/8	PL 7/8 x 16 -ta (H2-3) (1/L)	PL 1 1/2 x 16 -tb (H2-3) (1/C)
G1A BTM FLG	745.19	107′-9 3/16	107′-8 1/16	74′-9 1/8	33′-0 1/16	11 1/4	10 9/16	8 7/16	4 15/16	9′-4 1/16	74′-8 11/16	2 3/16	2 1/16	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	74′-8 1/2	32′-11 9/16	1′-7 13/16	PL 7/8 x 16 -ba (H2-3) (1/L)	PL 1 1/2 x 16 -bb (H2-3) (1/C)
G2A TOP FLG	752.69	106′-7 11/16	106′-6 5/8	73′-7 5/8	33′-0 1/16	10 13/16	10 1/8	8 1/8	4 3/4	9′-2 3/8	73′-7 1/4	2 3/16	2 1/16	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	73′-7 1/16	32′-11 9/16	1′-7 3/8	PL 7/8 x 16 -ta (H2-3) (1/N)	PL 1 1/2 x 16 -tb (H2-3) (1/C)
G2A BTM FLG	752.69	106′-6 1/8	106′-5 1/16	73′-6 1/16	33′-0 1/16	10 3/4	10 1/16	8 1/16	4 11/16	9′-2 3/16	73′-5 11/16	2 3/16	2 1/16	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	73′-5 1/2	32′-11 9/16	1′-7 5/16	PL 7/8 x 16 -ba (H2-3) (1/S)	PL 1 1/2 x 16 -bb (H2-3) (1/C)
G3A TOP FLG	760.19	105′-5 11/16	105′-4 11/16	72′-5 5/8	33′-0 1/16	10 3/8	9 11/16	7 3/4	4 9/16	9′-0 11/16	72′-5 1/4	2 1/8	2	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	72′-5 1/16	32′-11 5/8	1′-6 7/8	PL 7/8 x 16 -ta (H2-3) (1/Y)	PL 1 1/2 x 16 -tb (H2-3) (1/C)
G3A BTM FLG	760.19	105′-4 3/16	105′-3 3/16	72′-4 1/8	33′-0 1/16	10 5/16	9 11/16	7 3/4	4 1/2	9′-0 1/2	72′-3 3/4	2 1/8	2	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	72′-3 9/16	32′-11 5/8	1′-6 13/16	PL 7/8 x 16 -ba (H2-3) (1/Y)	PL 1 1/2 x 16 -bb (H2-3) (1/C)
G4A TOP FLG	767.69	104′-4 5/8	104′-3 11/16	71′-4 9/16	33′-0 1/16	9 15/16	9 5/16	7 7/16	4 3/8	8′-11	71′-4 1/4	2 1/8	2	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	71′-4 1/16	32′-11 5/8	1′-6 3/8	PL 7/8 x 16 -ta (H2-3) (2/E)	PL 1 1/2 x 16 -tb (H2-3) (1/C)
G4A BTM FLG	767.69	104′-3 1/8	104′-2 3/16	71′-3 1/16	33′-0 1/16	9 15/16	9 5/16	7 7/16	4 5/16	8′-10 13/16	71′-2 3/4	2 1/8	2	1 5/8	15/16	4′-1 1/2	33′-0 1/16	9/16	9/16	71′-2 9/16	32′-11 5/8	1′-6 3/8	PL 7/8 x 16 -ba (H2-3) (2/G)	PL 1 1/2 x 16 -bb (H2-3) (1/C)
G5A TOP FLG	775.19	103′-4 7/16	103′-3 1/2	69′-4 3/8	34′-0 1/16	9 5/16	8 3/4	7	4 1/16	8′-8	69′-4 1/16	2 1/4	2 1/8	1 11/16	1	4′-3	34′-0 1/16	9/16	9/16	69′-3 7/8	33′-11 5/8	1′-6 1/4	PL 7/8 x 16 -ta (H2-3) (2/N)	PL 1 1/2 x 16 -tb (H2-3) (1/A)
G5A BTM FLG	775.19	103′-2 15/16	103′-2	69′-2 7/8	34′-0 1/16	9 1/4	8 11/16	6 15/16	4 1/16	8′-7 13/16	69′-2 9/16	2 1/4	2 1/8	1 11/16	1	4′-3	34′-0 1/16	9/16	9/16	69′-2 3/8	33′-11 5/8	1′-6 3/16	PL 7/8 x 16 -ba (H2-3) (2/N)	PL 1 1/2 x 16 -bb (H2-3) (1/A)
G6A TOP FLG	782.69	100′-5 1/16	100′-4 1/4	69′-5	31′-0 1/16	9 1/4	8 11/16	6 15/16	4 1/16	8′-8 1/16	69′-4 3/4	1 13/16	1 3/4	1 3/8	13/16	3′-10 1/2	31′-0 1/16	1/2	1/2	69′-4 9/16	30′-11 11/16	1′-4 1/2	PL 7/8 x 16 -ta (H2-3) (2/N)	PL 1 1/2 x 16 -tb (H2-3) (1/E)
G6A BTM FLG	782.69	100′-3 9/16	100′-2 3/4	69′-3 1/2	31′-0 1/16	9 3/16	8 5/8	6 7/8	4	8′-7 7/8	69′-3 1/4	1 13/16	1 3/4	1 3/8	13/16	3′-10 1/2	31′-0 1/16	1/2	1/2	69′-3 1/16	30′-11 11/16	1′-4 7/16	PL 7/8 x 16 -ba (H2-3) (2/N)	PL 1 1/2 x 16 -bb (H2-3) (1/E)



FLANGE DIAGRAM FOR G1A THRU G6A

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

NO.	DIA.	LGT	TYPE	WASHER

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

SURFACE PREP. & PAINT:

RECEIVED
OK'D BY DJK OK'D BY
SEP 16 2002
RESUBMIT APPROVED As Noted
BY RKW DATE 10-3-02

DESCRIPTION: FLG CUTTING DIAGRAMS

JOB: VT. ROUTE OVER DEERFIELD RIVER
BRIDGE 25B
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.	DRG. NO.
167	F1
	REV. △

681-BR25B-FJ

JAK Thu Jul 25 09:26:54 EDT 2002 /users/jak/2243/f1.dwg