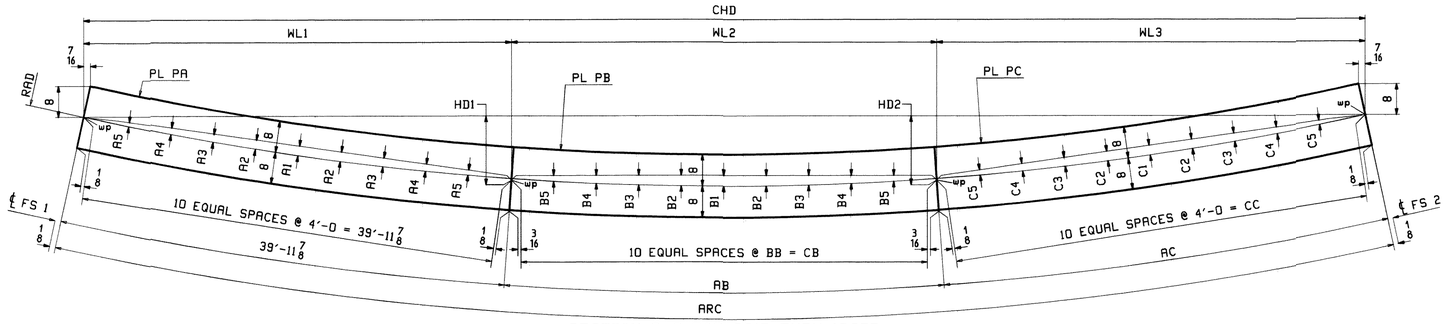
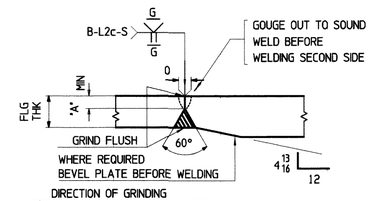


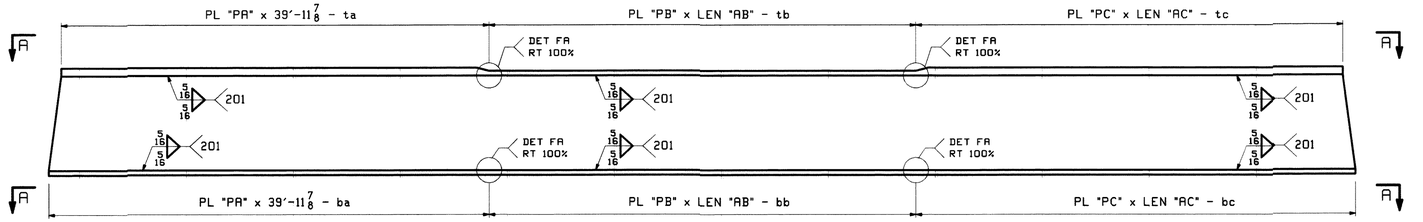

## SECTION A-A FOR 6G1B THRU 10G5B

| FLG THK | 'A' |
|---|---|
| 25 | 6 |
| 42 | 12 |




⚠ FLANGE PLATE SPLICE DETAIL 'FA'

| LOCATION | RAD | ARC | CHD | AB | AC | A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | BB | CB | C1 | C2 | C3 | C4 | C5 | CC | WL1 | WL2 | WL3 | HD1 | HD2 | PL PA (M270-50WT2) | PL PB (M270-50WT2) | PL PC (M270-50WT2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6G1B TOP FLG | 1130.92 | 131'-4 7/8 | 131'-4 | 51'-5 1/8 | 39'-11 7/8 | 2 1/8 | 2 1/16 | 1 3/4 | 1 3/8 | 3/4 | 3 1/2 | 3 3/8 | 2 15/16 | 2 1/4 | 1 1/4 | 5'-1 11/16 | 51'-5 1/16 | 2 1/8 | 2 1/16 | 1 3/4 | 1 3/8 | 3/4 | 39'-11 7/8 | 39'-11 7/16 | 51'-5 1/16 | 39'-11 1/2 | 1'-7 3/8 | 1'-7 3/8 | PL 1 1/2 x 16-ta (2/L) | PL 1 x 16-tb (3/C) | PL 1 1/2 x 16-tc (2/L) |
| 6G1B BTM FLG | 1130.92 | 131'-5 1/4 | 131'-4 3/8 | 51'-5 1/2 | 39'-11 7/8 | 2 1/8 | 2 1/16 | 1 3/4 | 1 3/8 | 3/4 | 3 1/2 | 3 3/8 | 2 15/16 | 2 1/4 | 1 1/4 | 5'-1 3/4 | 51'-5 7/16 | 2 1/8 | 2 1/16 | 1 3/4 | 1 3/8 | 3/4 | 39'-11 7/8 | 39'-11 7/16 | 51'-5 7/16 | 39'-11 1/2 | 1'-7 3/8 | 1'-7 3/8 | PL 1 1/2 x 16-ba (2/L) | PL 1 1/2 x 16-bb (1/Q) | PL 1 1/2 x 16-bc (2/L) |
| 7G2B TOP FLG | 1138.42 | 130'-9 5/8 | 130'-8 3/4 | 50'-9 7/8 | 39'-11 7/8 | 2 1/8 | 2 | 1 3/4 | 1 3/8 | 3/4 | 3 3/8 | 3 1/4 | 2 7/8 | 2 3/16 | 1 1/4 | 5'-1 | 50'-9 7/8 | 2 1/8 | 2 | 1 3/4 | 1 3/8 | 3/4 | 39'-11 13/16 | 39'-11 7/16 | 50'-9 7/8 | 39'-11 7/16 | 1'-7 1/8 | 1'-7 1/8 | PL 1 1/2 x 16-ta (2/L) | PL 1 x 16-tb (3/E) | PL 1 1/2 x 16-tc (2/L) |
| 7G2B BTM FLG | 1138.42 | 130'-9 15/16 | 130'-9 1/16 | 50'-10 1/4 | 39'-11 13/16 | 2 1/8 | 2 | 1 3/4 | 1 3/8 | 3/4 | 3 7/16 | 3 1/4 | 2 7/8 | 2 3/16 | 1 1/4 | 5'-1 | 50'-10 3/16 | 2 1/8 | 2 | 1 3/4 | 1 3/8 | 3/4 | 39'-11 13/16 | 39'-11 7/16 | 50'-10 3/16 | 39'-11 7/16 | 1'-7 1/8 | 1'-7 1/8 | PL 1 1/2 x 16-ta (2/L) | PL 1 1/2 x 16-bb (1/S) | PL 1 1/2 x 16-bc (2/L) |
| 8G3B TOP FLG | 1145.92 | 130'-2 11/16 | 130'-1 7/8 | 50'-2 15/16 | 39'-11 7/8 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 3 5/16 | 3 3/16 | 2 3/4 | 2 1/8 | 1 3/16 | 5'-0 5/16 | 50'-2 15/16 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 39'-11 13/16 | 39'-11 1/2 | 50'-2 15/16 | 39'-11 7/16 | 1'-6 7/8 | 1'-6 7/8 | PL 1 1/2 x 16-ta (2/L) | PL 1 x 16-tb (3/G) | PL 1 1/2 x 16-tc (2/L) |
| 8G3B BTM FLG | 1145.92 | 130'-3 1/16 | 130'-2 1/4 | 50'-3 5/16 | 39'-11 7/8 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 3 5/16 | 3 3/16 | 2 3/4 | 2 1/8 | 1 3/16 | 5'-0 5/16 | 50'-3 1/4 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 39'-11 7/8 | 39'-11 1/2 | 50'-3 1/4 | 39'-11 1/2 | 1'-6 7/8 | 1'-6 7/8 | PL 1 1/2 x 16-ba (2/L) | PL 1 1/2 x 16-bb (1/U) | PL 1 1/2 x 16-bc (2/L) |
| 9G4B TOP FLG | 1153.42 | 129'-8 | 129'-7 3/16 | 49'-8 1/4 | 39'-11 7/8 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 3 3/16 | 3 1/16 | 2 11/16 | 2 1/16 | 1 1/8 | 4'-11 5/8 | 49'-8 1/4 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 39'-11 13/16 | 39'-11 1/2 | 49'-8 1/4 | 39'-11 7/16 | 1'-6 5/8 | 1'-6 5/8 | PL 1 1/2 x 16-ta (2/L) | PL 1 x 16-tb (3/J) | PL 1 1/2 x 16-tc (2/L) |
| 9G4B BTM FLG | 1153.42 | 129'-8 3/8 | 129'-7 9/16 | 49'-8 5/8 | 39'-11 7/8 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 3 3/16 | 3 1/16 | 2 11/16 | 2 1/16 | 1 3/16 | 4'-11 11/16 | 49'-8 5/8 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 39'-11 13/16 | 39'-11 1/2 | 49'-8 9/16 | 39'-11 1/2 | 1'-6 5/8 | 1'-6 5/8 | PL 1 1/2 x 16-ta (2/L) | PL 1 1/2 x 16-bb (1/W) | PL 1 1/2 x 16-bc (2/L) |
| 10G5B TOP FL | 1160.92 | 129'-1 9/16 | 129'-0 3/4 | 49'-1 13/16 | 39'-11 7/8 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 3 1/8 | 3 | 2 5/8 | 2 | 1 1/8 | 4'-11 | 49'-1 3/4 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 39'-11 13/16 | 39'-11 1/2 | 49'-1 3/4 | 39'-11 1/2 | 1'-6 7/16 | 1'-6 7/16 | PL 1 1/2 x 16-ta (2/L) | PL 1 x 16-tb (3/L) | PL 1 1/2 x 16-tc (2/L) |
| 10G5B BTM FL | 1160.92 | 129'-1 15/16 | 129'-1 1/8 | 49'-2 1/4 | 39'-11 13/16 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 3 1/8 | 3 | 2 5/8 | 2 | 1 1/8 | 4'-11 | 49'-2 3/16 | 2 1/16 | 2 | 1 3/4 | 1 5/16 | 3/4 | 39'-11 13/16 | 39'-11 1/2 | 49'-2 3/16 | 39'-11 7/16 | 1'-6 7/16 | 1'-6 7/16 | PL 1 1/2 x 16-ta (2/L) | PL 1 1/2 x 16-bb (1/Y) | PL 1 1/2 x 16-bc (2/L) |




## FLANGE DIAGRAM FOR 6G1B THRU 10G5B

NOTES:
1. FOR GENERAL SHOP NOTES SEE DRAWING GN1.

| REV. | DATE | REMARKS | DWN | CHK | APVL | SHOP |
|---|---|---|---|---|---|---|
| 1 | 2/22 2010 | APPROVAL COMMENT ADD THK TRANSITION | SOB | SOB | | |
| 0 | | | | | | |

| MATERIAL: | SURFACE PREP. & PAINT: | HOLES: | SHOP BOLTS: |
|---|---|---|---|
| M270-50W | | AS NOTED | AS NOTED |

DESCRIPTION: FLANGE DIAGRAM


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


TENSOR 2945

| | | | |
|---|---|---|---|
| STRUCTURE: U.S. 5 over I-91 Bridge No. 19A Putney County of Windham | DRAWN: JB | DATE: 01/05 | |
| | CHKD: SOB | DATE: 01/08 | |
| LOCATION: Putney | JOB NO. 438 | DWG NO. F2 | |
| PROJ NO. IM 091-1(3) | | REV. 1 | |
| CUSTOMER: VT AOT | | | |

SHOP DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE
NO EXCEPTIONS TAKEN
REVISE AS NOTED
RESUBMISSION NOT REQUIRED
REVISE AND RESUBMIT
RESUBMISSION NOT REQUIRED
REJECTED
DATE 4/23/10
SIGNATURE
REVIEW BY STANTEC IS FOR THE SOLE PURPOSE OF ASSESSING CONFORMANCE WITH DESIGN CONCEPT AND COMPLIANCE WITH CONTRACT DOCUMENTS. DIMENSIONS, FABRICATION, SITE CONSTRUCTION METHODS, COORDINATION WITH TRADES, DETAIL DESIGN OF COMPONENTS AND ERRORS OR OMISSIONS ON SHOP DRAWINGS

S:\9 Mon, Feb 22, 2010 12:45:55 pm //server/jobs/2945/2 | Revit