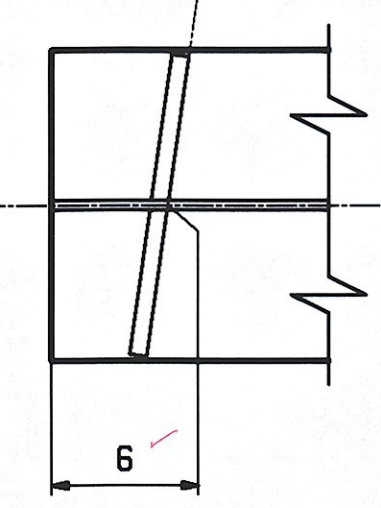


**ERECTOR NOTE:**  
 WRENCH TIGHTEN DIAPHRAGM BOLTS BETWEEN GIRDER LINES 4 & 5.  
 BOLTS TO BE FULLY TORQUED AFTER STAGE 2 CONCRETE HAS BEEN POURED.

FRONT FACE OF BRG CURTAIN WALL



**TYPICAL ABUT. 1 DETAIL**  
 (ABUT. 2 OPP. HAND)

**\*\* NOTE \*\***  
 THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DMG IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION.

- NOTES:
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTTOM OF WEBS WITH CORRECTIONS MADE FOR DL CAMBER, V.C. & GRADE (UN).
  2. TRANSVERSE DIMENSIONS ARE IN A HORIZONTAL PLANE (UN).
  3. ARROW POINTS TOWARD LOW END OF MEMBER.
  4. ENDS OF GIRDERS & BRG STIFFENERS ARE VERTICAL AFTER DL ROTATION.
  5. CROSSFRAME STIFFENERS & FIELD SPLICES ARE NORMAL TO GRADE.
  6. BOTTOM POINT NUMBERS = TOP POINT NUMBERS + 200
  7. FOR LAYOUTS SEE "TD" SHEETS.

| Line | DEVELOPED LENGTHS ALONG BOTTOM OF WEB |              |              | LONGIT. SLOPE |        |        |
|------|---------------------------------------|--------------|--------------|---------------|--------|--------|
|      | LEN AL                                | LEN A        | LEN B        | Abut 1        | Pier 1 | Abut 2 |
| 1    | 77'-11 13/16                          | 98'-0        | 57'-11 3/4   | .0077         | .0077  | .0077  |
| 2    | 77'-11 13/16                          | 97'-11 15/16 | 57'-11 3/4   | .0077         | .0077  | .0077  |
| 3    | 77'-11 13/16                          | 98'-0        | 57'-11 3/4   | .0077         | .0077  | .0077  |
| 4    | 77'-11 13/16                          | 98'-0        | 57'-11 3/4   | .0077         | .0077  | .0077  |
| 5    | 77'-11 13/16                          | 98'-0        | 57'-11 3/4   | .0077         | .0077  | .0077  |
| 6    | 77'-11 13/16                          | 98'-0        | 57'-11 13/16 | .0077         | .0077  | .0077  |
| 7    | 77'-11 13/16                          | 98'-0        | 57'-11 13/16 | .0077         | .0077  | .0077  |

STRUCTURE'S COPY

RECEIVED  
 CND BY DRP OKD BY [Signature]  
 JUN 24 2009  
 RESUBMIT APPROVED AC NOTED  
 BY [Signature] DATE 7-13-09

|   |  |         |             |      |      |
|---|--|---------|-------------|------|------|
| 6/18  | REVISED HANGER BEAM SPACING  | WJF     | RLA         |      |      |
| REV. DATE   | REMARKS  | DWN     | CHK         | APVL | SHOP |
| MATERIAL:   | SURFACE PREP. & PAINT:   | HOLE:   | SHOP BOLTS: |      |      |
| M270-S0W  | SEE GNI  | NONE    | NONE        |      |      |
| DESCRIPTION: CALCULATION PLAN   |  |         |             |      |      |
| CASCO BAY STEEL STRUCTURES, INC.<br>75 SPRING HILL ROAD SACO, MAINE 04072<br>PHONE (207) 282-7360 FAX. (207) 282-1179 |  |         |             |      |      |
| STRUCTURE:  | VT 11 OVER BLACK RIVER<br>BRIDGE NO. 64<br>SPRINGFIELD, VERMONT<br>COUNTY OF WINDSOR | DRAWN:  | DATE:       |      |      |
|   |  | WJF     | 06/08       |      |      |
|   |  | CHKD:   | DATE:       |      |      |
|   |  | RLA     | 06/13       |      |      |
| LOCATION:   | TOWN OF SPRINGFIELD  | JOB NO. | DMG NO.     |      |      |
| PROJ NO.  | BHF 016-2(14)  | 406-1   | WS1         |      |      |
| CUSTOMER:   | COLD RIVER BRIDGES, LLC  |         | REV.        |      |      |