

**GENERAL NOTES**

**NOTE TO ENGINEER:**  
 THESE NOTES ARE NOT INTENDED TO BE ALL INCLUSIVE AND COMPLIANCE WITH RELEVANT SPECIFICATIONS REMAIN UNCHANGED.

**CONSTRUCTION SPECIFICATIONS**

- 1) ALL MATERIAL AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006 WITH LATEST REVISIONS AND THE AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 2007 AND ITS LATEST REVISIONS.

**MATERIAL SPECIFICATIONS**

- 1) UNLESS OTHERWISE NOTED, ALL STEEL TO BE UNPAINTED AASHTO M270 GRADE 50W.
- 2) MATERIAL NOTED "CVN" OR "T2" ON DETAIL DRAWINGS SHALL BE CHARPY V-NOTCH TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF VERMONT STANDARD SPECIFICATIONS SECTION 714.01.
- 3) HIGH STRENGTH BOLTS: ASTM A325 (AASHTO M164) 7/8" DIA., TYPE 3. NUTS SHALL BE A563 (TYPE 3) GRADE C3.

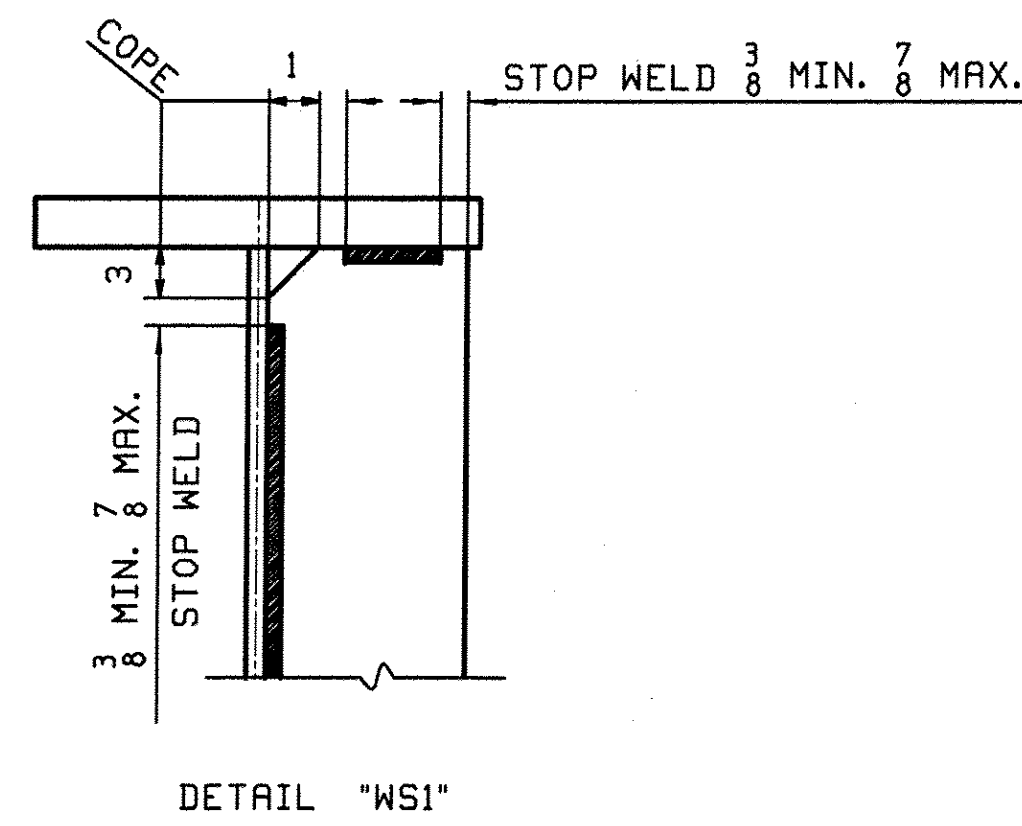
BOLTS & NUTS SHALL BE ROTATIONAL CAPACITY TESTED. DO NOT MIX NUTS & BOLTS FROM DIFFERENT CONTAINERS UNLESS ALL BOLTS & NUTS HAVE THE SAME LOT NUMBER.

**FABRICATION**

- 1) ALL HOLES SHALL BE DRILLED FULL SIZE (UN).

**WELDING**

- 1) THE CONFIGURATION OF THE WELD JOINTS AND ALL WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH AASHTO/AWS D1.5-08 BRIDGE WELDING CODE AND IN ADDITION TO SPECIFICATIONS SHOWN ABOVE. ALL WELDING WILL BE DETAILED TO PRE-QUALIFIED JOINTS, UNLESS PROHIBITED BY THE DESIGNER.
- 2) WELDING OF MAIN LOAD CARRYING MEMBERS AND ATTACHMENTS SHALL BE PERFORMED USING THE AUTOMATIC SUBMERGED ARC & SHIELDED METAL ARC PROCESSES. ALL WELDS ARE CONTINUOUS U.N.
- 3) NON DESTRUCTIVE TESTING OF WELDS SHALL BE IN ACCORDANCE WITH THE REFERENCED SPECIFICATION.
- 4) SEE DETAIL "WS1" ON THIS DRAWING FOR WELD TERMINATION DETAIL.



**FIELD CONNECTIONS**

- 1) ALL FIELD CONNECTIONS SHALL BE MADE WITH 7/8" DIAMETER HIGH STRENGTH A-325 BOLTS (UN), INSTALLED PER SECTION 506.19(c). SEE DWG E1 FOR FIELD BOLT SIZES.
- 2) BOLTS SHALL HAVE HEAVY HEX NUT, HEAVY HEX HEAD, AND AT LEAST ONE FLAT WASHER EACH. WASHER TO BE PLACED UNDER TURNED ELEMENT.
- 3) PIECE MARKS WILL BE LOCATED AS SHOWN ON ERECTION DRAWINGS.

**CLEANING**

- 1) ALL STEEL SHALL BE BLAST CLEANED IN ACCORDANCE WITH SSPC SP-6. (U.N.)
- 2) STRUCTURAL STEEL SHALL NOT BE PAINTED.

APPROVED AS NOTED  
 BY CPW DATE 12/30/10

**RECEIVED**  
 DEC 13 2010  
 COLD RIVER BRIDGES LLC

| REV.  | DATE | REMARKS                | DWN     | CHK      | APVL | SHOP        |
|---|------|------------------------|---------|----------|------|-------------|
| 0   |      |                        |         |          |      |             |
| MATERIAL:   |      | SURFACE PREP. & PAINT: |         | HOLES:   |      | SHOP BOLTS: |
|   |      |                        |         | AS NOTED |      | AS NOTED    |
| DESCRIPTION: GENERAL NOTES  |      |                        |         |          |      |             |
| CASCO BAY STEEL STRUCTURES, INC.<br>75 SPRING HILL ROAD SACO, MAINE 04072<br>PHONE (207) 282-7360 FAX. (207) 282-1179 |      |                        |         |          |      |             |
| STRUCTURE: VT 103 over Middle Branch Williams Rv.<br>Bridge 9<br>CHESTER<br>County of Windsor                         |      |                        | DRAWN:  | DATE:    |      |             |
|   |      |                        | TG      | 11/19    |      |             |
|   |      |                        | CHKD:   | DATE:    |      |             |
|   |      |                        | DO      | 11/29    |      |             |
| LOCATION: Town of Chester   |      |                        | JOB NO. | DWG NO.  |      |             |
| PROJ NO. BRF 025-1(37)  |      |                        | 476     | GN1      |      |             |
| CUSTOMER: Cold River Bridges  |      |                        |         | REV.     | △    |             |

00 174 Dec 3, 2010 10:28:40 AM c:\pwworking\CASCO BAY STEEL STRUCTURES, INC.\