

GENERAL NOTES

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 DESIGN SPECIFICATIONS, FOURTH EDITION DATED 2007 AND ITS LATEST REVISIONS.

MATERIAL SPECIFICATIONS

- 1) UNLESS OTHERWISE NOTED, ALL STEEL TO BE ASTM A709 GRADE 50W.
- 2) MATERIAL NOTED "CVN" OR "H2-3" 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: $\frac{7}{8}$ " ϕ ASTM A325 TYPE 3 IN $\frac{15}{16}$ " ϕ HOLES NUTS SHALL BE A563 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 PUNCHED OR DRILLED FULL SIZE (UN).

WELDING

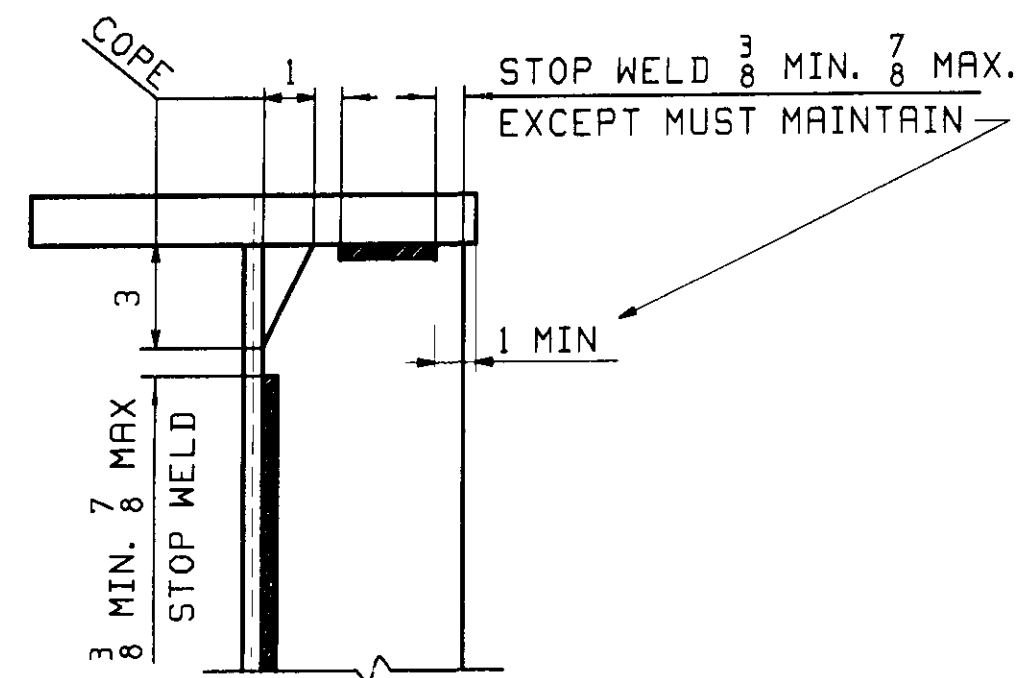
- 1) THE CONFIGURATION OF THE WELD JOINTS AND ALL WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH AASHTO/AWS D1.5-02 BRIDGE WELDING CODE AND IN ADDITION TO SPECIFICATIONS SHOWN ABOVE. ALL WELDING WILL BE DETAILED TO PRE-QUALIFIED JOINTS, UNLESS PROHIBITED BY THE DESIGNER.
- 2) WELDING OF MAIN LOAD CARRYING MEMBERS AND ATTACHMENTS SHALL BE PERFORMED USING THE AUTOMATIC SUBMERGED ARC & SHIELDED METAL ARC PROCESSES ALL WELDS ARE CONTINUOUS UN
- 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.

CLEANING

- 1. ALL STEEL SHALL BE BLAST CLEANED IN ACCORDANCE WITH SSPC SP-10 Δ
- 2. STRUCTURAL STEEL SHALL NOT BE PAINTED

FIELD CONNECTIONS

- 1) ALL FIELD CONNECTIONS SHALL BE MADE WITH $\frac{7}{8}$ " DIAMETER HIGH STRENGTH A-325 TYPE 3 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



DETAIL "WS1"

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
Δ	6/18	REVISED NOTES	ZAD	WL		
						5/16/08
						4/10/08
MATERIAL		SURFACE PREP & PAINT		HOLES		SHOP BOLTS
DESCRIPTION GENERAL NOTES						
CASCO BAY STEEL STRUCTURES, INC						
75 SPRING HILL ROAD SACO, MAINE 04072						
PHONE (207) 282-7360 FAX (207) 282-1179						
STRUCTURE.		ROUTE No VT 11 MINOR ARTERIAL		DRAWN	DATE	
		BRIDGE NO 43 OVER MIDDLE		JTB	05/01	
		BRANCH OF WILLIAMS RIVER		CHKD	DATE	
		TOWN OF CHESTER		JF	05/21	
		COUNTY OF WINDSOR				
LOCATION		CHESTER, VT		JOB NO	DWG NO	
PROJ NO		BRF 016-1(25)		369	GN1	
CUSTOMER		VT ROT		REV	Δ	

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