

**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 2001 WITH LATEST REVISIONS.

**DESIGN SPECIFICATIONS**

- 1). AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (A.A.S.H.T.O) STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1996 EDITION WITH LATEST REVISIONS.

**MATERIAL SPECIFICATIONS**

- 1). UNLESS NOTED, ALL STEEL TO BE AASHTO M270 GRADE 345W (ASTM A709-345W).
- 2). HIGH STRENGTH BOLTS: AASHTO M164 (ASTM A325) 22mm (7/8") DIA. TYPE 3 BOLTS SHALL BE USED FOR UNPAINTED CONNECTIONS.
- 3). GIRDER WEB & BOTTOM FLANGES SHALL BE CHARPY V NOTCH TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF VERMONT STANDARD SPECIFICATIONS. DRAWINGS SHALL CALL OUT "H2-3" FOR EACH APPLICABLE ITEM IN THE BILLS OF MATERIAL.

**FABRICATION**

- 1). ALL HOLES SHALL BE PUNCHED OR DRILLED FULL SIZE (UN).
- 2). STUDS ARE FURNISHED AND FIELD APPLIED BY OTHERS.
- 3). HOLES NOTED "DR" SHALL BE DRILLED DURING ASSEMBLY WITH PARTS ASSEMBLED.

**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 U.N.
- 3). NON DESTRUCTIVE TESTING OF WELDS SHALL BE IN ACCORDANCE WITH THE REFERENCED SPECIFICATION.

**CLEANING:**

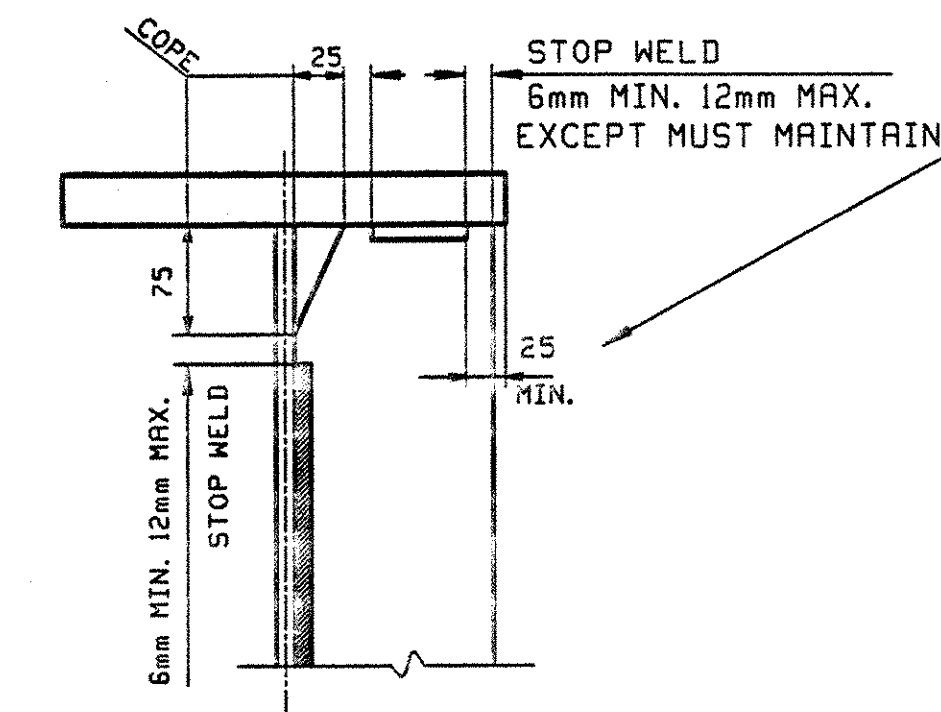
- 1). ALL STEEL SHALL BE BLAST CLEANED AS PER SSPC SP-10 PER SPEC. 506.14(a)

**PAINTING**

- 1). NONE

**FIELD CONNECTIONS**

- 1). ALL FIELD CONNECTIONS SHALL BE MADE WITH 22mm (7/8") DIAMETER HIGH STRENGTH A-325 TYPE 3 BOLTS, INSTALLED PER SECTION 506.19(c).
- 2). BOLTS SHALL HAVE HEAVY HEX NUT, HEX HEAD, & ONE FLAT WASHER EACH (WASHER TO BE PLACED UNDER TURNED ELEMENT).
- 3). PIECE MARKS WILL BE LOCATED AS SHOWN ON ERECTION DRAWINGS.



**DETAIL "WS1"**

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

OUT FOR APPROVAL	4/4/03																		
OUT FOR APPROVAL																			
ISSUED TO SHOP																			
FIELD & OFFICE																			

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
MATERIAL:											
M270M-345W											
ELECTRODES:											
HOLES:											
24mm (15/16")Ø											
SHOP BOLTS:											

**SURFACE PREP. & PAINT:**  
-ALL STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.

DESCRIPTION:	GENERAL NOTES	DRAWN BY	DATE
JOB:	US 5 OVER WHETSTONE BROOK	JAK	03/17
	BRIDGE NO. 7	CHKD BY	
	BRATTLEBORO, VERMONT (WINDHAM COUNTY)	JTB	03/19
	CONTRACTOR: RENAUD BROTHERS	APPROV BY	
		SUPERVISOR	M. J. GATTI

PROJ NO.	BHF 2000(17)	Q.A.	
CUSTOMER:	VERMONT AGENCY OF TRANSPORTATION		082
<b>CASCO BAY STEEL STRUCTURES, INC.</b>		JOB NO.	DRG. NO.
75 SPRING HILL ROAD	SACO, MAINE 04072	194	GN1
PHONE (207) 282-7360	FAX. (207) 282-1179	REV.	△

*FILE SET*

V.A.O.T.  
RECEIVED  
OK'D BY S.S.S. OK'D BY J.M.P.  
APR 15 2003  
RESUBMIT APPROVED X  
BY DATE