

**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 50W (ASTM A709-50W).
- 2). HIGH STRENGTH BOLTS: AASHTO M164 (ASTM A325 TYPE 3) (7/8") DIA.
- 3). GIRDER WEB & BOTTOM FLANGES SHALL BE CHARNY 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.

**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**

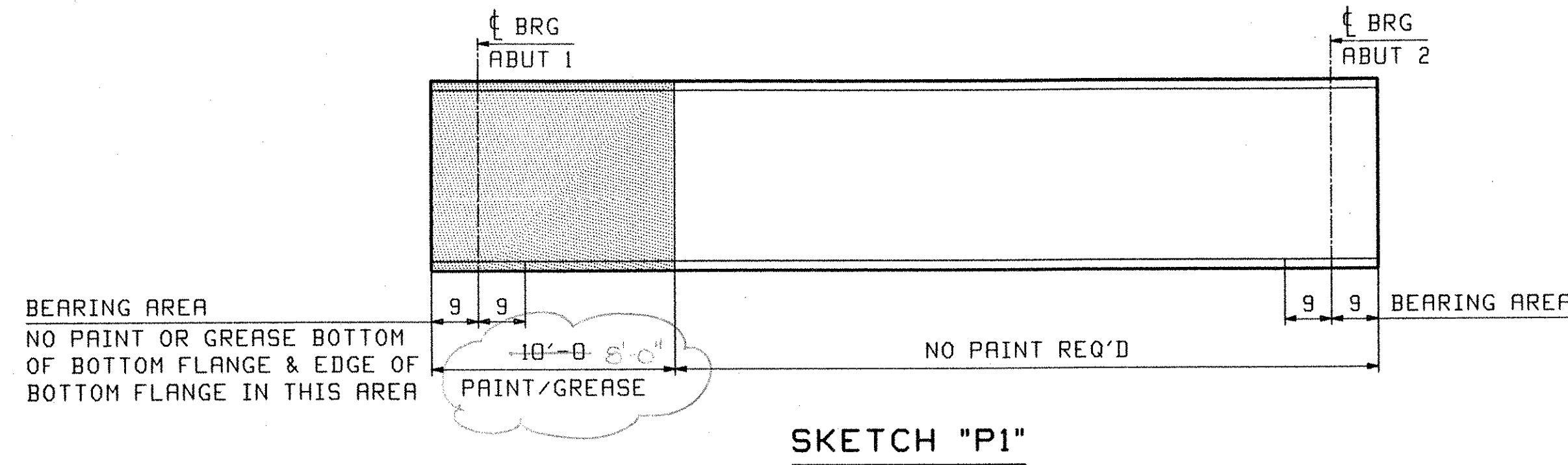
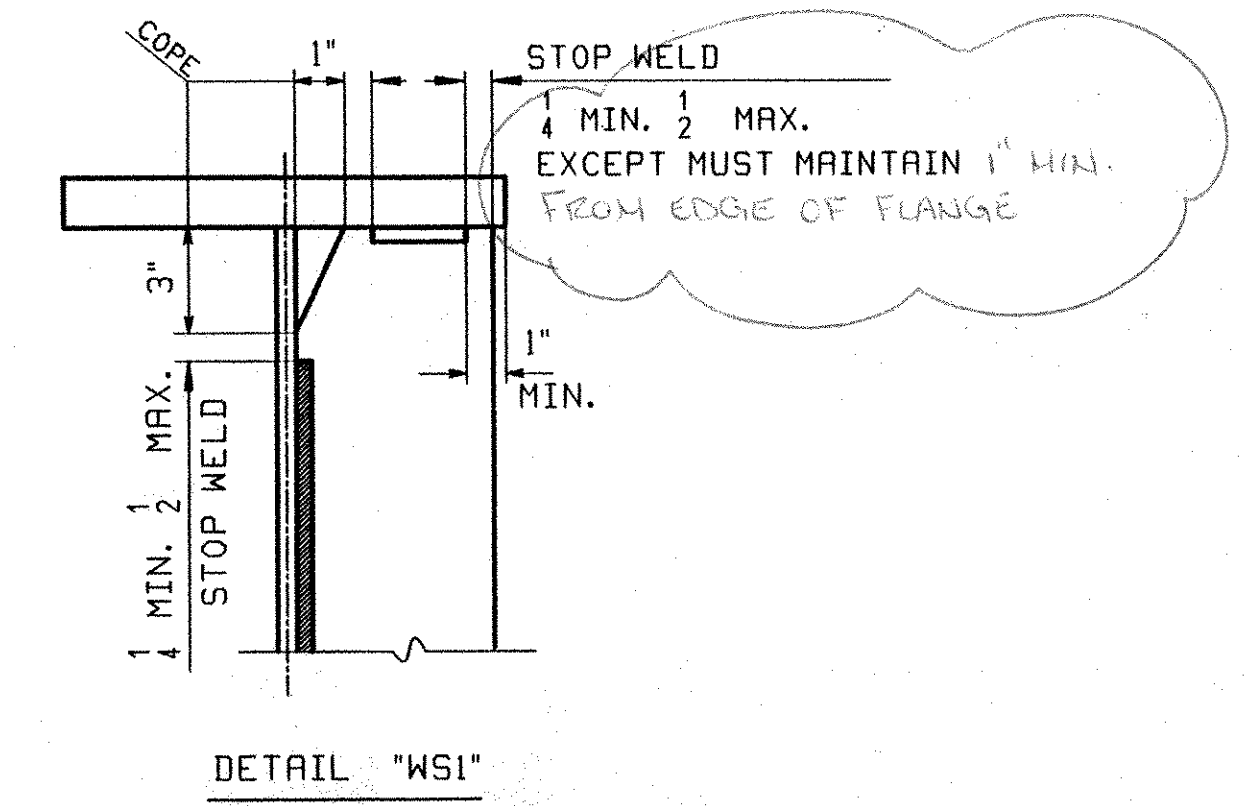
- 1). THE EXPANSION END OF THE GIRDERS & ABUT 1 CROSSFRAMES SHALL BE PAINTED AND GREASED PER SUPPLEMENTAL SPECIFICATION 513. SEE SKETCH "P1"

APPROVED SYSTEM →

3.) CARBOLINE		Dry Film Thickness (in MILS)	
COMPANY		MIN.	MAX.
P	Carboline 859 ZR epoxy primer (organic)	3.0	6.0
I	Carboline 888 epoxy	3.0	10.0
T	Carboline 133 HB aliphatic polyurethane	3.0	5.0

**FIELD CONNECTIONS**

- 1). ALL FIELD CONNECTIONS SHALL BE MADE WITH (7/8") DIAMETER HIGH STRENGTH A-325 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.



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

**SHOP DRAWING REVIEW**  
REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT

PROVIDE AS SUBMITTED  
 PROVIDE AS CORRECTED  
 REVISE AND RESUBMIT  
 REJECTED - SEE REMARKS  
 SUBMITTAL NOT REQUIRED - RETURNED WITHOUT REVIEW

THIS REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION, CORRECTIONS OR COMMENTS SHOWN AND/OR NOTED ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR: DETERMINING THE ACCURACY AND COMPLETENESS OF DETAILS, SUCH AS DIMENSIONS AND QUANTITIES; SUBSTANTIATING INSTRUCTIONS FOR INSTALLATION OR PERFORMANCE OF EQUIPMENT OR SYSTEMS; THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, INCLUDING SAFETY PRECAUTIONS AND PROCEDURES; AND THE SELECTION OF FABRICATION PROCESSES. ENGINEER'S APPROVAL OF A SPECIFIC ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. FURTHER ENGINEER'S REVIEW OF CONTRACTOR'S SUBMITTALS SHALL NOT RELIEVE THE CONTRACTOR OF ITS OBLIGATIONS UNDER THE CONTRACT DOCUMENTS WITH RESPECT TO THE PREPARATION AND/OR APPROVAL OF SUCH SUBMITTALS.

BY: JH DATE: 11-19-04

OUT FOR APPROVAL	11-19-04																		
OUT FOR APPROVAL																			
ISSUED TO SHOP																			
FIELD & OFFICE																			

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	MATERIAL:										
	ELECTRODES:										
	HOLES:										
	SHOP BOLTS:										

**SURFACE PREP. & PAINT:**

DESCRIPTION:	GENERAL NOTES	DRAWN BY	DATE
JOB: VT ROUTE 14 BRIDGE OVER WHITE RIVER		JTB	10/12
ROYALTON, VERMONT		CHKD BY	
COUNTY OF WINDSOR		TJB	10/28
CONTRACTOR: BECK & BELLUCCI, INC.		APPROV BY	
PROJ NO. BRS-0147(5)S		SUPERVISOR	H. J. GATTI
CUSTOMER: VERMONT DOT		Q.A.	
<b>CASCO BAY STEEL STRUCTURES, INC.</b>		JOB NO.	DRG. NO.
75 SPRING HILL ROAD		250	GN1
SACO, MAINE 04072		REV.	△
PHONE (207) 282-7360			
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NOV 12 2004  
RESUBMIT BY: JWC APPROVED BY: JTB DATE: 12/17/2004