

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 CONSTRUCTION SPECIFICATIONS FOR HIGHWAY BRIDGES 4th EDITION WITH INTERIMS THROUGH 2010.

MATERIAL SPECIFICATIONS

- 1) UNLESS OTHERWISE NOTED, ALL STEEL TO BE UNPAINTED AASHTO M270 (ASTM A709) 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) TYPE 3 W/ A563 GRADE C3 NUTS & F436W WASHERS IN NON-PAINTED AREAS.
 -ASTM A325 (AASHTO M164) TYPE 1 (GALV.) W/ A563 GRADE DH NUTS & F436 WASHERS IN PAINTED AREAS.
 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). *1 5/16" dia 30 P.3*

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

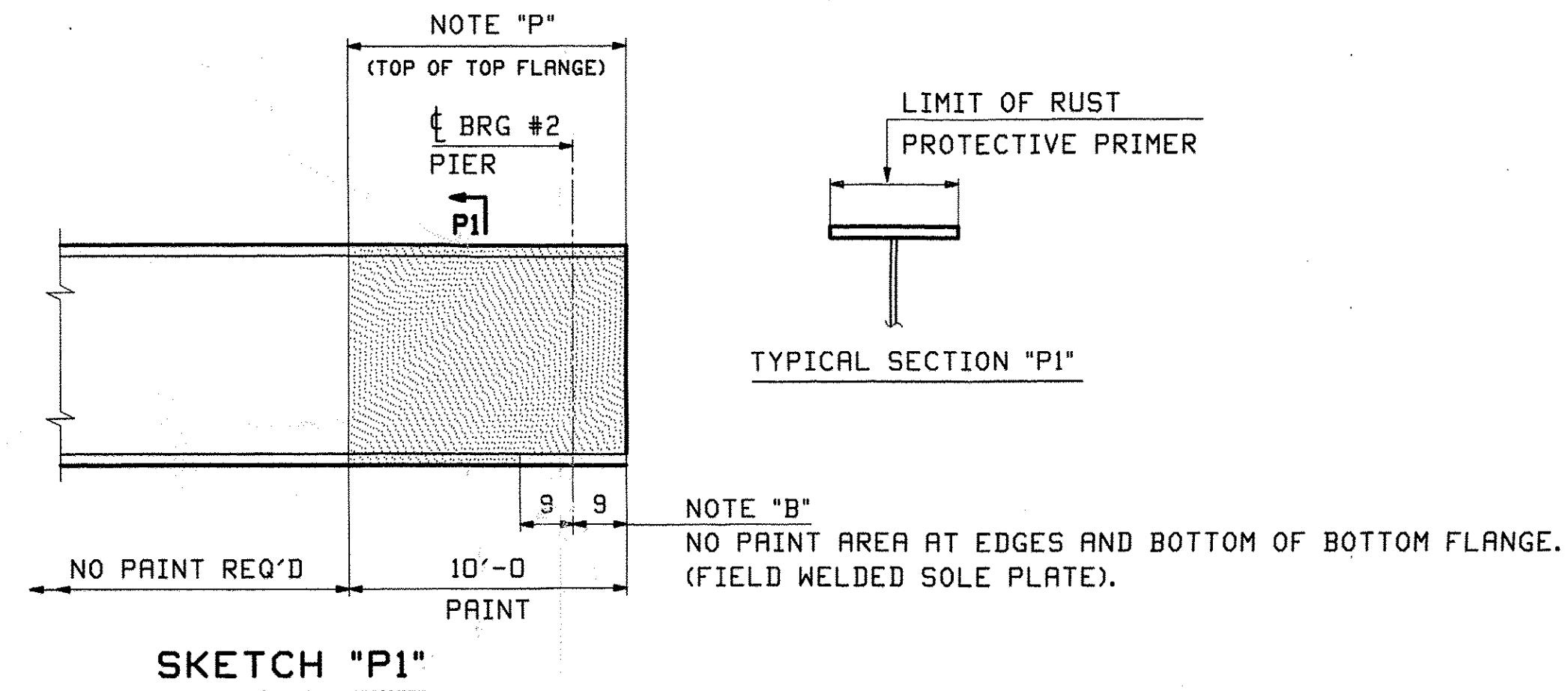
- 1) ALL FIELD CONNECTIONS SHALL BE MADE WITH A-325 HS BOLTS, INSTALLED PER SECTION 506.19(c).
- 2) BOLTS SHALL HAVE HEAVY HEX NUT, HEAVY HEX HEAD, AND AT LEAST ONE FLAT WASHER EACH. WASHER TO BE PLACED UNDER TURNED ELEMENT.
- 3) PIECE MARKS WILL BE LOCATED AS SHOWN ON ERECTION DRAWINGS.

CLEANING

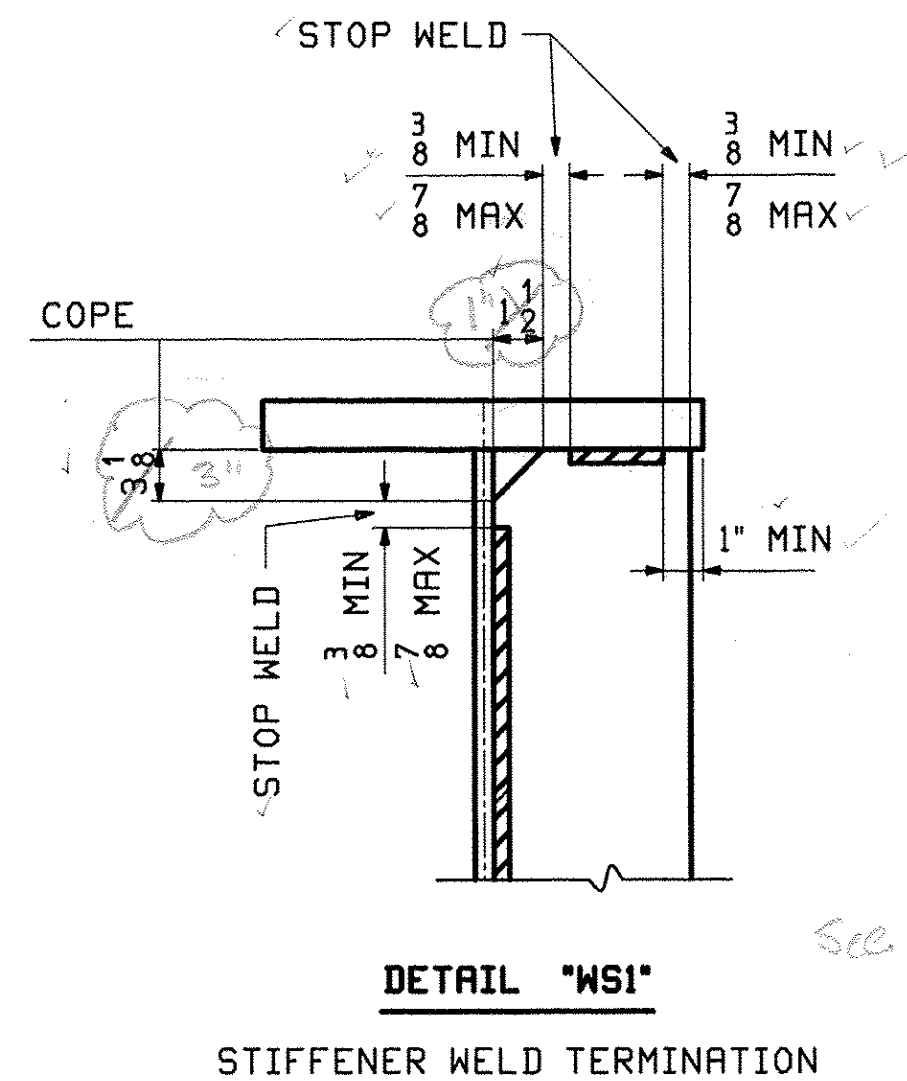
- 1) ALL STEEL SHALL BE BLAST CLEANED IN ACCORDANCE WITH SSPC SP-10.

PAINTING

- 1) THE END 10'-0" OF STRINGERS & DIAPHRAGMS AT THE PIER (BRG 2) SHALL BE PAINTED AS SHOWN IN SKETCH "P1", (UN).
- 2) THE PAINT SYSTEM AND ITS APPLICATION SHALL CONFORM TO SECTION 513 OF THE STANDARD SPECIFICATIONS.
- 3) PAINT SYSTEM SHALL BE AS FOLLOWS:
 PRIMER: INTERZINC 315B EPOXY ZINC RICH PRIMER - 2.0 - 6.0 MILS DFT.
 INTERMEDIATE: INTERGARD 475HS EPOXY 4.0-8.0 MILS DFT.
 TOPCOAT: INTERTHANE 870 UHS - 3.0-5.0 MILS DFT.
 TOPCOAT COLOR: DARK BROWN FED. COLOR #30045 CONFORMING TO SUBSECTION 708.03.
 GREASE SHALL ALSO BE APPLIED IN THIS AREA AS SPECIFIED IN SUBSECTION 513.06(d). THE GREASE SHALL BE BROWN.
- 4) PRIME COAT ONLY WITHIN 3" OF OPEN HOLES IN PAINTED AREAS.



NOTE "P"
 PAINT WITH A LIGHT RUST-PREVENTATIVE COAT OF PRIMER (SEE SECTION "P1")



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

REV.	DATE	REMARKS	OWN	CHK	APVL	SHOP
MATERIAL:		SURFACE PREP. & PAINT:	HOLES:		SHOP BOLTS:	
DESCRIPTION: GENERAL NOTES						
CASCO BAY STEEL STRUCTURES, INC. 1 WALLACE AVE. PHONE (207) 780-6722 SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726						
STRUCTURE: VT 107 (RIVER STREET) over WHITE RIVER APPROACH SPAN County of WINDSOR				DRAWN: JTB	DATE: 09/28	
				CHKD: PCP	DATE: 10/4/11	
LOCATION: TOWN OF BETHEL, VERMONT			JOB NO. 498	DWG NO. GN201		
PROJ NO. BRF 022-1(14)					REV. 1	
CUSTOMER: BECK & BELLUCCI						

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JTB Nov 8 2011