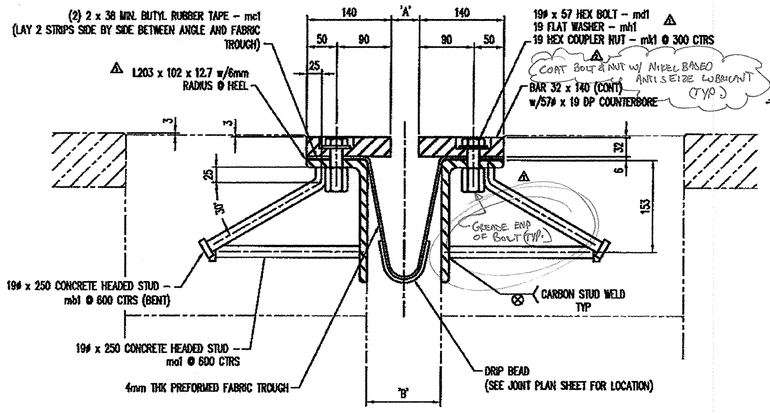
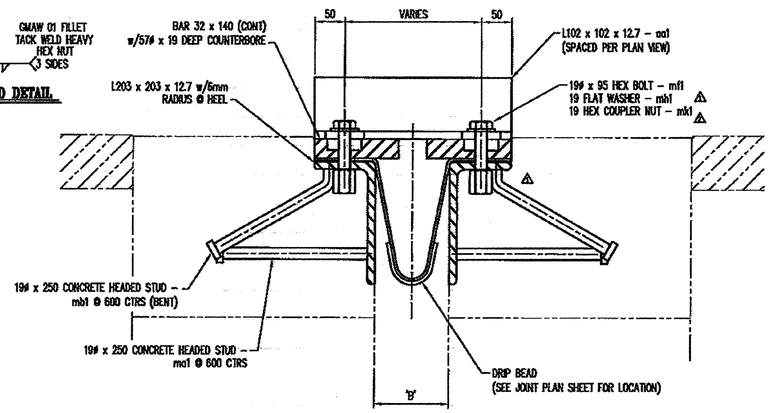


STANDARD SECTION VIEW: A-A

REFER TO JOINT PLAN SHEET FOR DIMENSIONS 'A' and/or 'B'

HEX NUT WELD DETAIL



SHIPPING ANGLE SECTION: C-C

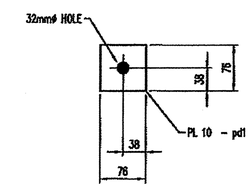
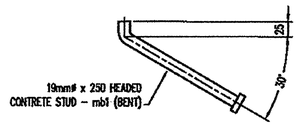
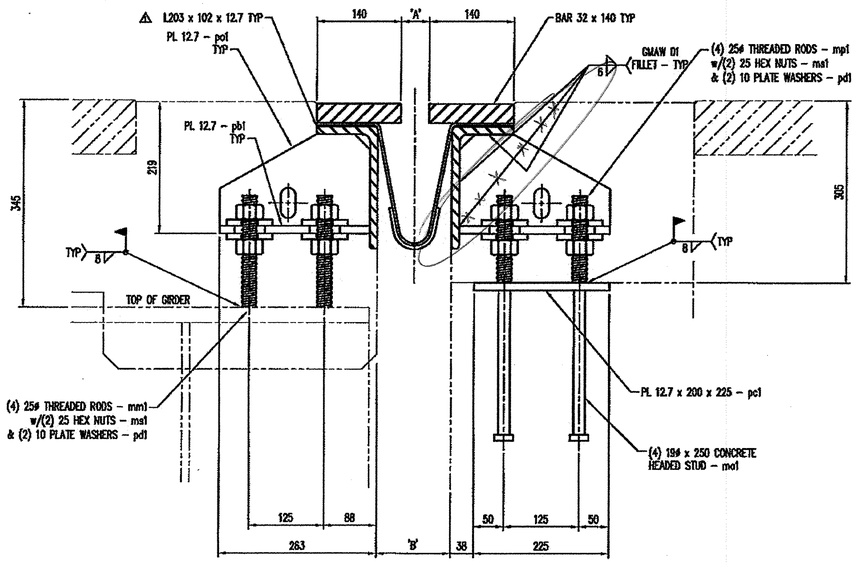


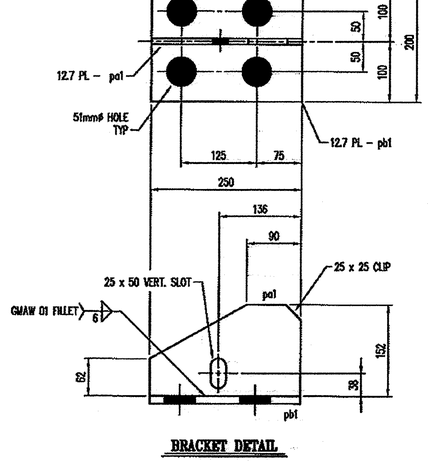
PLATE WASHER DETAIL



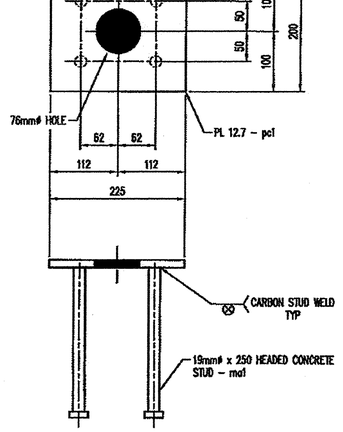
BENT STUD DETAIL



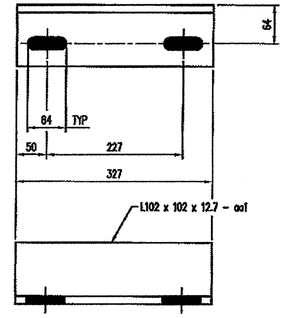
GIRDER SECTION VIEW: B-B



BRACKET DETAIL



EMBED PLATE DETAIL



SHIPPING ANGLE DETAIL

GENERAL NOTES:

1. ALL MATERIALS, CONSTRUCTION AND DESIGN SHALL CONFORM TO THE STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATION FOR CONSTRUCTION, DATED 2006, AND IT'S LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17th EDITION DATED 2002, AND IT'S REVISIONS.
2. WELDING SHALL MEET THE REQUIREMENTS OF THE ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE AS MODIFIED BY THE STANDARD SPECIFICATIONS.
3. HEADED CONCRETE STUDS SHALL BE ASTM A108 AND AUTOMATIC END WELDED WITH COMPLETE FUSION.
4. ANY TIGHTLY ADHERENT WELD SPLATTER NEED NOT BE REMOVED IN COATING AREAS TO BE CAST IN CONCRETE.
5. ALL STEEL COMPONENTS SHALL BE M270M (250) AND GALVANIZED OR METALIZED AS PER SUBSECTION 506.15 (a) & (b) (UON). PRIOR TO GALVANIZING OR METALIZING, ALL CORNERS AND EDGES OF STEEL PLATES, SHAPES, ETC., SHALL BE GROUND TO A 2mm +/– RADIUS.
6. PREFORMED FABRIC MATERIAL SHALL BE CONTINUOUS AND SHALL CONFORM TO SUBSECTION 707.07.
7. BUTYL RUBBER TAPE SHALL CONFORM TO AASHTO SPECIFICATION M-198, TYPE B.
8. FABRIC TROUGH SHALL BE THOROUGHLY CLEANED AND FLUSHED AFTER PAVING OPERATION.
9. THE EXPANSION JOINT SHALL BE SHOP ASSEMBLED AND SHIPPED AS ONE UNIT.
10. THE 203 x 102 x 12.7 ANGLES SHALL BE FURNISED AS ONE CONTINUOUS PIECE. THE 32 x 140 BARS ON EACH SIDE OF THE JOINT SHALL BE PROVIDED IN 2 EQUAL LENGTHS.

GHD DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	
REVISE AS NOTED RESUBMISSION NOT REQUIRED	X
REVISE AS NOTED RESUBMISSION REQUIRED	
REJECTED	

Stantec

DATE 4/20/08

SIGNATURE TER

REVIEW BY STANTEC IS FOR THE SOLE PURPOSE OF ASCERTAINING GENERAL CONFORMITY WITH DESIGN. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, FABRICATION AND CONSTRUCTION METHODS, COORDINATION OF SUB-TRADES, DETAIL DESIGN OF COMPONENTS, AND ERRORS OR OMISSIONS ON SHOP DRAWINGS.

No.	Description	Date	By	Approved
	REVISIONS			
1	DELETE PLASTIC CAP	4/23/08	SB	
2	APPROVAL CHANGES	4/24/08	SB	

Niagara Bridge and Rail
4817 Henry Avenue, Niagara Falls, N.Y. 14304
Phone: (716) 283-4710 Fax: (716) 283-5137

Project Information:	
STATE:	VERMONT
COUNTY:	-
CITY / TOWNSHIP:	BENNINGTON
LOCATION:	EAST RD. OVER VT ROUTE 279
PROJECT NO.:	AC NH 019-1(53)
OWNER:	VT-AOT
CONTRACTOR:	-

Drawn By: AJB	Date: 3/17/08	Checked By: TFW	Date: 3/24/08
Descr/Desc: VERMONT – EXPANSION JOINT DETAIL STANDARD DETAILS		Sheet No.: 1 of TBD	Scale: NONE
		Drawing No.: 10063-01	Rev No.: –

RECEIVED
MAY 05 2008
G.P.I.