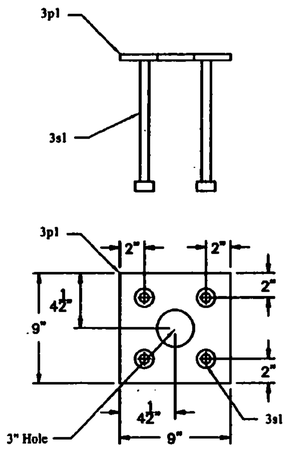
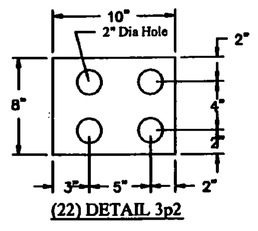
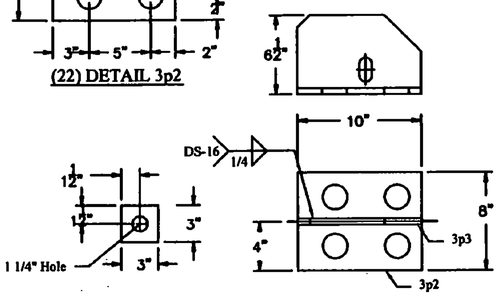


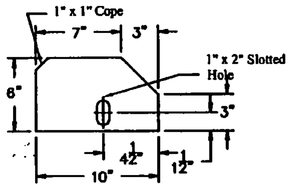
(11) DETAIL 3S1



(22) DETAIL 3p2

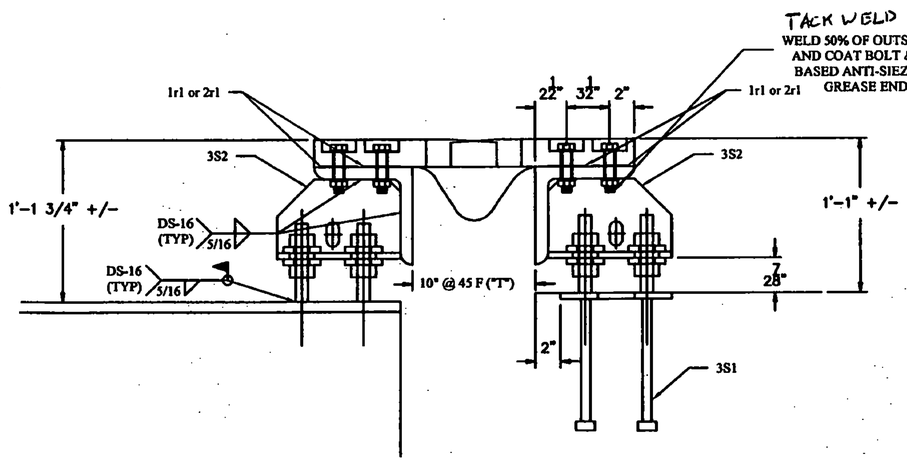


(88) DETAIL 3b1 (22) DETAIL 3S2



(22) DETAIL 3p3

DETAIL OF GIRDER PLATES



SECTION A-A

TEMPERATURE ADJUSTMENT TABLE	
TEMPERATURE	"T"
15 °F	10 9/16"
30 °F	10 5/16"
45 °F	10"
60 °F	9 11/16"
75 °F	9 3/8"
90 °F	9 1/8"

TVGA CONSULTANTS

☐ NO EXCEPTIONS TAKEN ☐ REJECTED
☒ FURNISH AS CORRECTED
☐ REVISE AND RESUBMIT

ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such reviews do not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Such reviews do not extend to any LEED certification or accreditation. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades.

BY: Andrew Cadin
DATE: 3/31/2009

BILL OF MATERIALS

QTY	MARK	SHAPE	LENGTH	REMARKS
11	3S1	BACKWALL SUPPORT PLATE		
11	3p1	Plate 1/2" x 9"	0'-9"	NO GLAV
44	3s1	3/4" Stud x 10"		
22	3S2	BRACKET SUPPORT ASSY		
22	3p2	Plate 1/2" x 8"	0'-10"	
22	3p3	Plate 1/2" x 6"	0'-10"	
88	3b1	Bar 3/8" x 3"	0'-3"	
88		1" Dia Threaded Rod x 6" with 2 Nuts		

EXPANSION JOINT NOTES:

1. FOR BRIDGE 3N AND 3S, PREFORMED FABRIC TROUGH SHALL BE CONTINUOUS. TROUGH MATERIAL SHALL CONFORM TO SUBSECTION 707.07.
2. FABRIC TROUGH SHALL BE INSTALLED SO THAT MINIMUM SLOPE IS 1%.
3. BUTYL RUBBER TAPE SHALL CONFORM TO SUBSECTION 707.12.
4. STEEL FINGER PLATES SHALL BE AASHTO M270 GRADE 50. ALL OTHER STEEL COMPONENETS SHALL BE AASHTO M270 GRADE 36.
5. BOLTS, NUTS & WASHERS SHALL CONFORM TO AASHTO M164 TYPE 1 UNO.
6. ALL STEEL COMPONENTS SHALL BE GALVANIZED OR METALIZED PER SUBSECTION 506.15, UNO.
7. A DRIP BEAD 1/4" X 7" STRIP OF PREFORMED MATERIAL SHALL BE CEMENTED TO THE BOTTOM OF THE FABRIC TROUGH USING AN ADHESIVE APPROVED BY THE MANUFACTURER. THE DRIP BEAD SHALL BE APPLIED 1" FROM THE DOWNSPROUT END OF THE TROUGH.
8. THREADED ROD AND ASSOCIATED NUTS SHALL CONFROM TO SUBSECTION 714.04.

REV NO.	DATE	DESCRIPTION
		DATE SUBMITTED
2	3-23-2009	REVISED PER APPROVAL COMMENTS
1	1-16-2009	REVISED PER APPROVAL COMMENTS
0	12-1-2008	SUBMITTED FOR APPROVAL

HOLES AS NOTED
MATERIAL: AASHTO M 270 GRADE 50 GALV

DRAWING COVERS
FINGER JOINT SUPPORT DETAILS (3N & 3S)

PROJECT	GUILFORD BM 091-1(33)
LOCATION	I-91 OVER BROAD BROOK & BROAD BROOK ROAD
ENGINEER	VERMONT AGENCY OF TRANSPORTATION
CUSTOMER	J.A. MCDONALD, INC.

MERRIMACK SHEET METAL
119 HALL STREET
CONCORD NH 03301
Tel. 603.224.7766
Fax 603.224.7925

DRAWN BY: RL
CHECKED BY: JD
JOB NO: #2353
DWG: F3