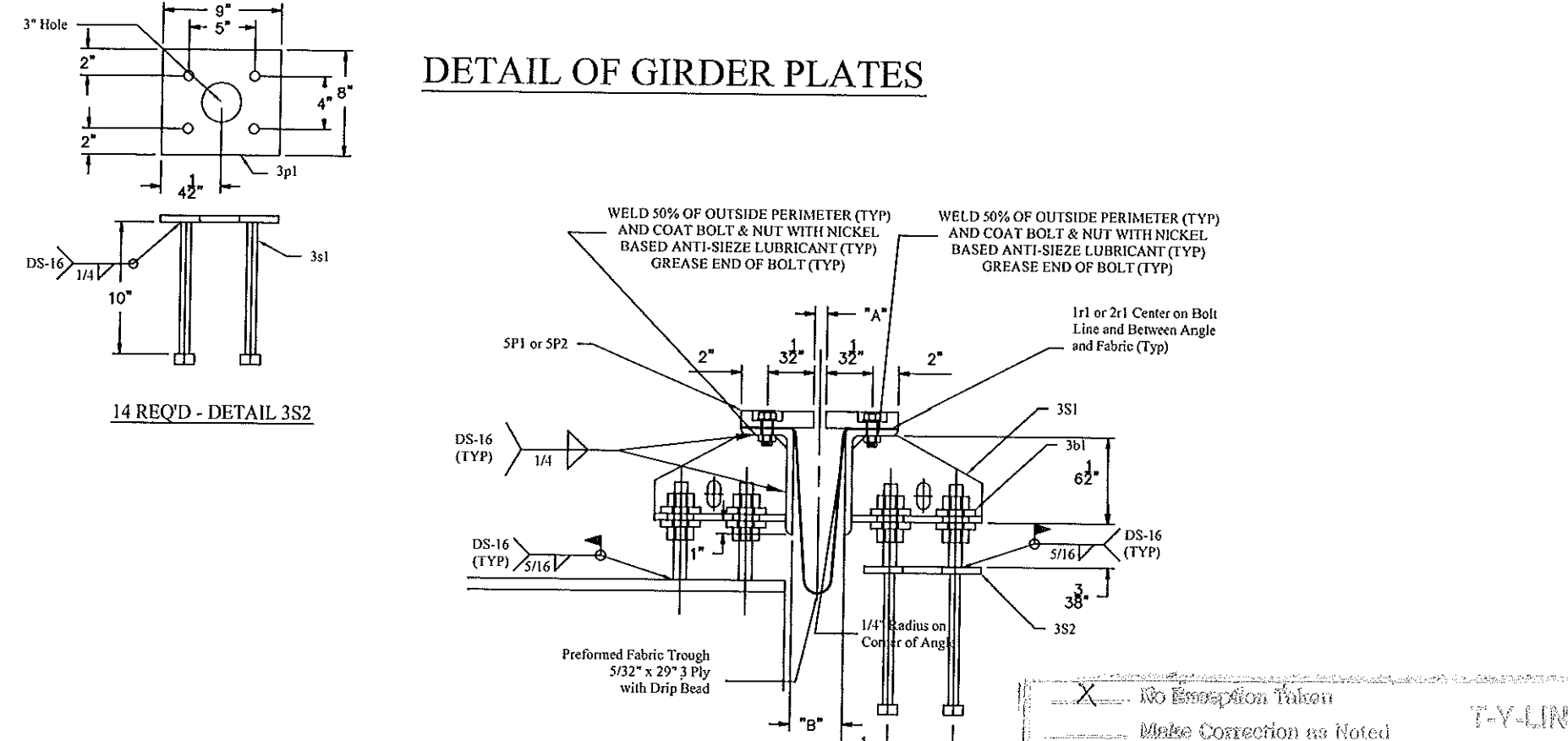


DETAIL OF GIRDER PLATES



**SECTION C-C
(ABUTMENT)**

BILL OF MATERIALS				
QTY	MARK	SHAPE	LENGTH	REMARKS
28	3S1	BRACKET SUPPORT ASSY		
28	3p2	Plate 1/2" x 8"	0'-10"	
28	3p3	Plate 1/2" x 6"	0'-10"	
224	3b1	Bar 3/8" x 3"	0'-3"	
112		1" Dia Threaded Rod x 6" with 2 Nuts (A449)		
14	3S2	ABUTMENT SUPPORT PLATE		
14	3p1	Plate 1/2" x 8"	0'-9"	
56	3s1	3/4" x 10" Studs		

- EXPANSION JOINT NOTES:**
1. PREFORMED FABRIC TROUGH SHALL BE CONTINUOUS AND SHALL CONFORM TO SUBSECTION 707.07.
 2. BUTYL RUBBER TAPE SHALL CONFORM TO AASHTO M-198, TYPE II.
 3. ALL STEEL COMPONENTS SHALL BE AASHTO M270 GRADE 36.
 4. ALL STEEL COMPONENTS SHALL BE GALVANIZED PER SUBSECTION 506.15, UNO.
 5. BOLTS, NUTS & WASHERS SHALL CONFORM TO AASHTO M164 TYPE 1 UNO.
 6. 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.
 7. THREADED ROD, ASSOCIATED NUTS, AND WASHERS SHALL BE ASTM A307 AND SHALL CONFORM TO SUBSECTION 714.04.
 8. BEVEL ALL EDGES 1/16".
 9. FILL COUNTERBORED HOLES WITH HOT JOINT SEALER (STD SPEC 707.04) AFTER BOLT INSTALLATION.

TEMPERATURE ADJUSTMENT TABLE - ABUT #1

TEMPERATURE	" A"	" B"
15 °F	1 1/4"	4 1/4"
30 °F	1 1/8"	4 1/8"
45 °F	1"	4"
60 °F	7/8"	3 7/8"
75 °F	3/4"	3 3/4"
90 °F	11/16"	3 11/16"

TEMPERATURE ADJUSTMENT TABLE - ABUT #2

TEMPERATURE	" A"	" B"
15 °F	1 1/4"	4 1/4"
30 °F	1 1/8"	4 1/8"
45 °F	1"	4"
60 °F	7/8"	3 7/8"
75 °F	3/4"	3 3/4"
90 °F	11/16"	3 11/16"

7-Y-LIN INTERNATIONAL

MERRIMACK SHEET METAL

119 HALL STREET
CONCORD NH 03301
Tel. 603.224.7766
Fax 603.224.7925

VERMONT JOINT SUPPORT DETAILS

PROJECT: VERMONT ROUTE 118 BRIDGE NO. 30
LOCATION: VERMONT ROUTE 118 BRIDGE NO. 30
DRAWER: VERMONT AGENCY OF TRANSPORTATION
CUSTOMER: S. O. BIRDAIR CONCRETE CONSTRUCTION CORPORATION

DATE: 5/10/00
SUBMITTED FOR APPROVAL: 5/10/00

REVISIONS:
1. REVISED TO SHOW CORRECTIONS TO THE ORIGINAL DRAWING.
2. REVISED TO SHOW CORRECTIONS TO THE ORIGINAL DRAWING.

DRAWN BY: RL
CHECKED BY: JD
JOB NO: #3201
SHEET: F3