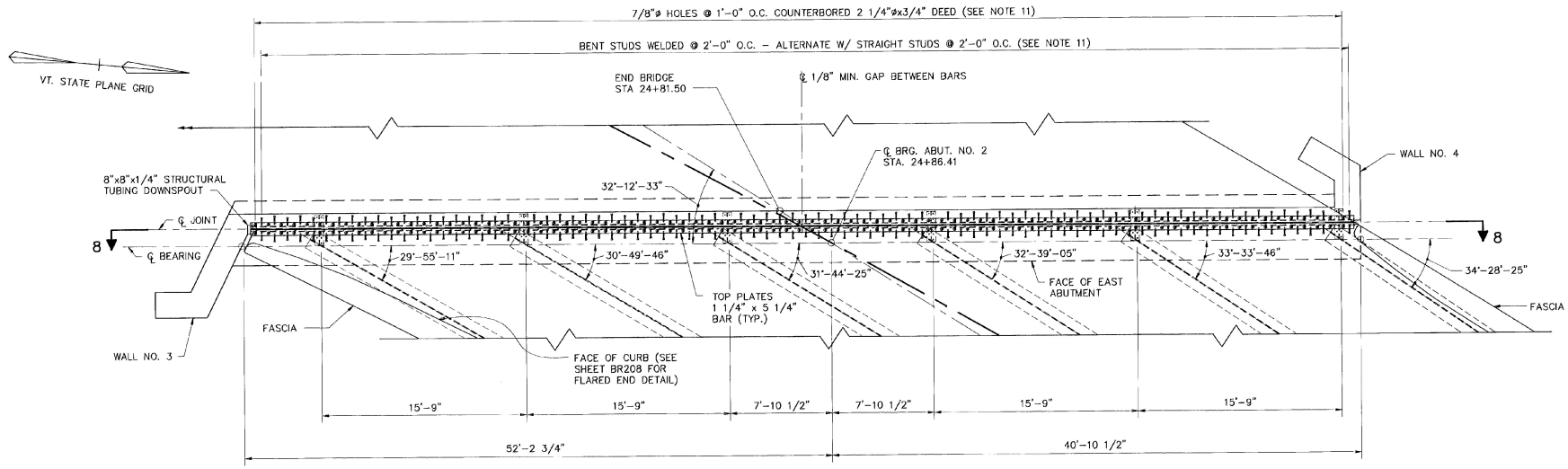
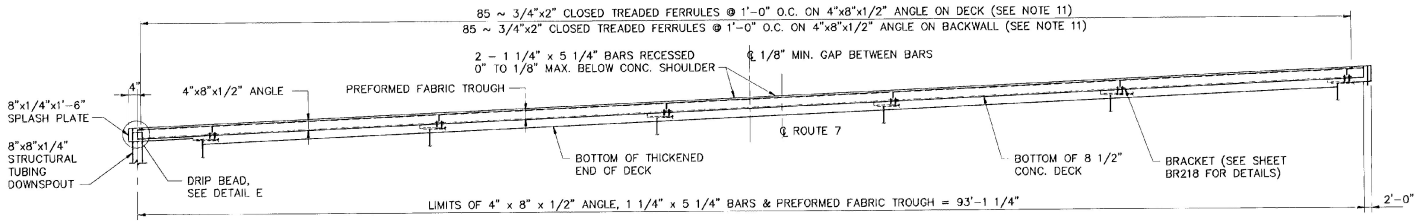


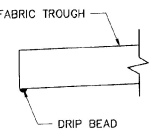
PLAN - ABUTMENT 2 (EAST) EXPANSION JOINT

0 4 8 20
SCALE IN FEET



SECTION 8-8

0 4 8 20
SCALE IN FEET



(SEE NOTE 3, SH. BR218)

DETAIL E

NOTES:

1. PREFORMED FABRIC MATERIAL SHALL BE CONTINUOUS AND SHALL CONFORM TO SUBSECTION 707.07.
2. BUTYL RUBBER TAPE SHALL CONFORM TO SUBSECTION 707.12 OF THE GENERAL SPECIAL PROVISIONS.
3. THE FINAL FINISH OF THE EXPANSION DEVICE SHALL BE COVERED DURING THE PLACING OF BRIDGE DECK CONCRETE.
4. ALL STEEL COMPONENTS SHALL BE AASHTO M270 GRADE 36 GALVANIZED OR METALIZED AS PER SUBSECTION 506.15 (b) OR (c) UNLESS OTHERWISE NOTED.
5. THE ITEM "BRIDGE EXPANSION JOINT" SHALL INCLUDE THE FABRICATION AND ERECTION OF THE COMPLETE JOINT ASSEMBLY INCLUDING ALL STEEL PLATES, ANGLES, WELDED STUDS OR RODS, PREFORMED FABRIC MATERIAL AND PLASTIC DRAIN TUBES, BUTYL RUBBER TAPE AND OTHER MISCELLANEOUS MATERIAL.
6. COAT CONCRETE CONTACT SURFACES WITH AN EPOXY BONDING COMPOUND MEETING THE REQUIREMENTS OF SUBSECTION 719.02. PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 516.10 "BRIDGE EXPANSION JOINTS".
7. DETAILS ON THIS SHEET ARE FOR ITEM 516.10 "BRIDGE EXPANSION JOINTS".
8. A 1" DIAMETER PLASTIC DRAIN TUBE SHALL BE INSTALLED AS SHOWN AT THE FACE OF CURB. THE UPPER END IS TO BE PLUGGED WITH STEEL WOOL AND THE LOWER END IS TO EXTEND BELOW THE BOTTOM OF THE ADJACENT GIRDER. THE DRAIN TUBES SHALL BE FASTENED TO THE GIRDERS USING A METHOD APPROVED BY THE ENGINEER.
9. PAYMENT FOR WATERSTOP SHALL BE SUBSIDIARY TO CONCRETE PAY ITEM.
10. THE 4" x 8" x 1/2" ANGLES SHALL BE FURNISHED AS ONE CONTINUOUS PIECE. THE 1 1/4" x 5 1/4" BARS SHALL BE FURNISHED IN TWO EQUAL PIECES.
11. ADJUST SPACING 7/8"ø HOLES, WELDED STUDS, AND CLOSED THREADED FERRULES FOR CLEARANCE IN AREAS OF BRACKETS.

BARNES AND JARNIS, INC.
CONSULTING ENGINEERS
25 STUART STREET, 6TH FL.
BOSTON, MASSACHUSETTS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of WALLINGFORD	Bridge No. 80
Highway No. U.S. ROUTE 7	Log Sta. / Surv. Sta.

U.S. ROUTE 7 OVER RAILROAD
EXPANSION JOINT AT ABUTMENT NO. 2

Designed By GRI	Drawn By GRI
Checked By EMM Date 4/95	Bridge Design Supervisor EMM Date 4/95
PROJECT WALLINGFORD	PROJECT NO. BRS 0137 (13)
I.G.C. Info.	
Bridge Sheet No. BR217	Sheet 77 of 113