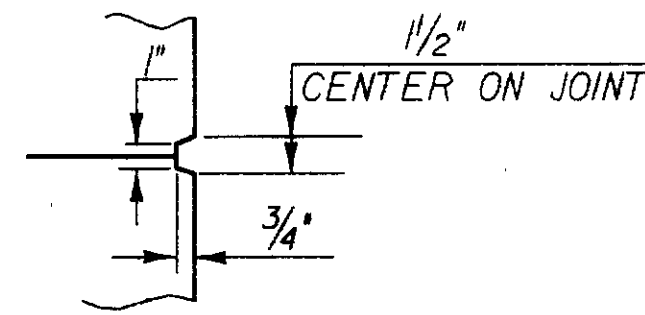
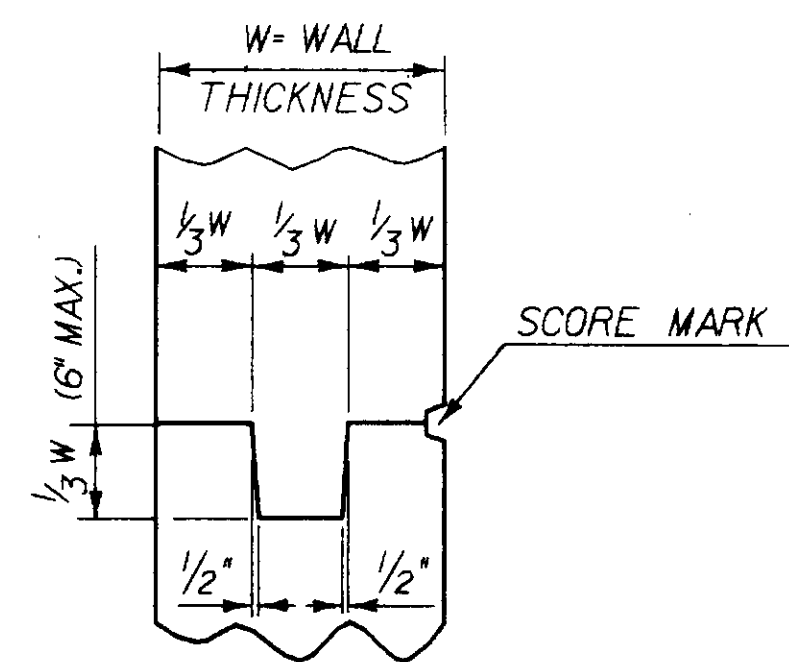


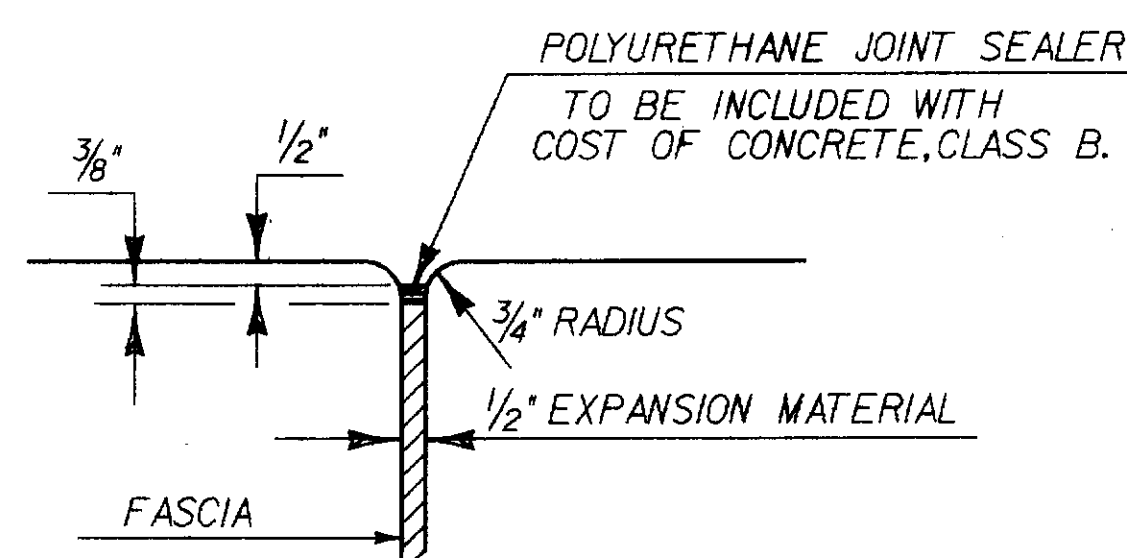
RETAINING WALL NOTES



SCORE MARK DETAIL



TYPICAL CONCRETE CONSTRUCTION JOINT



JOINT BETWEEN STAIRS AND WALL

SCALE: 1" = 1"

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR CONSTRUCTION (DATED 1990), AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES (DATED 1989), AND ITS LATEST REVISIONS.

2. ALL METAL HAND RAIL, BOTH 1-RAIL AND 3-RAIL, SHALL BE PAINTED BLACK AFTER ERECTION AS PER TABLE 708.04B - ALKYD BLACK PAINT.

3. BLANK

4. ALL REINFORCING STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE 'CONCRETE REINFORCING STEEL INSTITUTE'.

5. MINIMUM COVER FOR REINFORCING STEEL SHALL BE TWO (2) INCHES ALONG BACK FACES OF WALLS AGAINST EARTH, AND THREE (3) INCHES ELSEWHERE.

6. REINFORCING PLACEMENT TOLERANCES SHALL BE:
SPACING \pm 1"
CLEARANCE \pm 1/4"

7. ALL CONCRETE SHALL BE 'CONCRETE, CLASS B'

8. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" BY 1", UNLESS OTHERWISE INDICATED ON THE PLANS.

9. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.

10. THE FOLLOWING TABLE OF ALLOWABLE STRESSES AND WEIGHTS APPLY TO THESE PLANS FOR DESIGN PURPOSES:

CONCRETE: $f'_c = 3500$ PSI $f_c = 1400$ PSI

REINFORCING STEEL: $F_t = 24,000$ PSI
Grade 60

SOIL: UNIT WEIGHT 140 PCF

11. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 68 DEGREES F.

12. JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

13. THE KEY IN CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT.

14. ALL CONCRETE RETAINING WALLS WILL HAVE A TEXTURED SURFACE ON THE FRONT FACE ABOVE GROUND LINE. THE PATTERN OF THIS TEXTURE WILL RESEMBLE SANDBLASTED VERTICAL PLANKING OF VARIOUS WIDTHS. SUCH A SURFACE MAY BE PRODUCED USING REUSABLE, PLASTIC FORM LINERS. EXAMPLES OF THIS SYSTEM ARE 'LITHOTEX TEXTURE' #T-8430 FORMLINERS PRODUCED BY L. M. SCOFIELD COMPANY, 'WOOD DESIGN FORMLINERS' TYPES 358 OR 363 BY GREENSTREAK COMPANY, OR 'VAC-U-FORM PLUS' FORMLINERS #16965 OR #16990 BY FITZGERALD COMPANY OR EQUIVALENT. ALL TEXTURING COSTS WILL BE SUBSIDIARY TO ITEM 501.25 'CONCRETE CLASS B'. SEE SPECIAL PROVISIONS FOR INSTALLATION & TESTING DETAILS.

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	MONTPELIER	Bridge No.
Highway No.	BERLIN STREET	Log Sta.
		Surv. Sta.

NEW RETAINING WALLS

GENERAL NOTES AND JOINT DETAILS

Designed By	P.E. PROVOST	Drawn By	P.E. PROVOST
Checked By	Date	Bridge Design Supervisor	Date
P.E. PROVOST	7/14/89	R.P. GENDRON	7/89
PROJECT		PROJECT NO.	
MONTPELIER - BERLIN ST.		MEGC-MS-0007	
I.G.C. Info.		MONTPELIER	
ZFAH30.44.176B033SC.DGN			
Bridge Sheet No.	2 of 10	Sheet	104 of 335