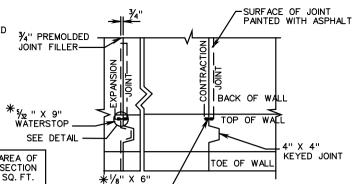
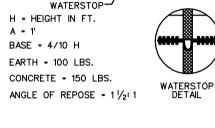


EXPANSION JOINTS AT INTERVALS NOT EXCEEDING 90'.



HEIGHT OF WALL "H" IN FEET	THICKNESS AT TOP "A" IN FEET	THICKNESS AT BASE B=.4H	COMPRESSION AT TOE LBS. PER SQ. FT.	AREA OF SECTION SQ. FT.
2	1'-0''	1'-0''	627	2.63
3	п	1'-23/8''	1009	3.93
4	п	1'-71/4"	1369	5.83
5	п	2'-0"	1709	8.13
6	п	2'-4¾''	2049	10.83
7	п	2'-95/8"	2385	13.93
8	п	3'-23/8''	2720	17.43
9	п	3'-7 /4''	3054	21.33
10	п	4'-0"	3386	25.63
11	п	4'-43/4''	3718	30.33
12	п	4'-95/8''	4050	35.43
13	п	5'-23/8''	4381	40.93
14	п	5'-7 / ₄ ''	4712	46.83
15	п	6'-0"	5043	53.13



POROUS BACKFILL © 100 LBS./CU.FT. #78 OR #8 AGGREGATE OR CRUSHED GLASS MEETING #78 OR #8 GRADATION REQUIREMENTS 3" DRAIN PIPE 8' APART

WEEP HOLE WITH 12"X12"
PLASTIC HARDWARE CLOTH 1/4"
MESH OR GALVANIZED STEEL

WIRE, MINIMUM WIRE DIAMETER 0.03",#4 MESH HARDWARE CLOTH ANCHORED FIRMLY TO OUTSIDE OF STRUCTURE.

SAFE BEARING CAPACITY OF SOIL	
ROCK MINIMUM	FT.
GRAVEL AND COARSE SAND, WELL CEMENTED 16,000 - 20,000 LBS. PER SQ.	FT.
CLAY IN THICK BEDS, ALWAYS DRY 12,000 - 16,000 LBS. PER SQ.	FT.
CLAY IN THICK BEDS, MODERATELY DRY 8,000 - 12,000 LBS. PER SQ.	FT.
CLAY, SOFT	FT.
SAND, DRY, COMPACT, AND WELL CEMENTED 8,000 - 12,000 LBS. PER SQ.	FT.
SAND, CLEAN, DRY 4,000 - 8,000 LBS. PER SQ.	FT.
ALLUVIAL SOILS, ETC 1,000 - 2,000 LBS. PER SQ.	FT.

NOTE:
IF COMPRESSION AT TOE EXCEEDS SAFE BEARING CAPACITY OF SOIL, A SPECIAL FOOTING IS TO BE USED.
DEPTH OF WALL IN GROUND DETERMINED BY CONDITIONS. TO BE NOT LESS THAN 1'-6".

SPECIFICATION REFERENCE

CONCRETE GRAVITY RETAINING WALL - LEVEL BACKFILL

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VIRGINIA DEPARTMENT OF TRANSPORTATION

REV 8/07 401.01

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BATTER

A=1'

NOT LOADED

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