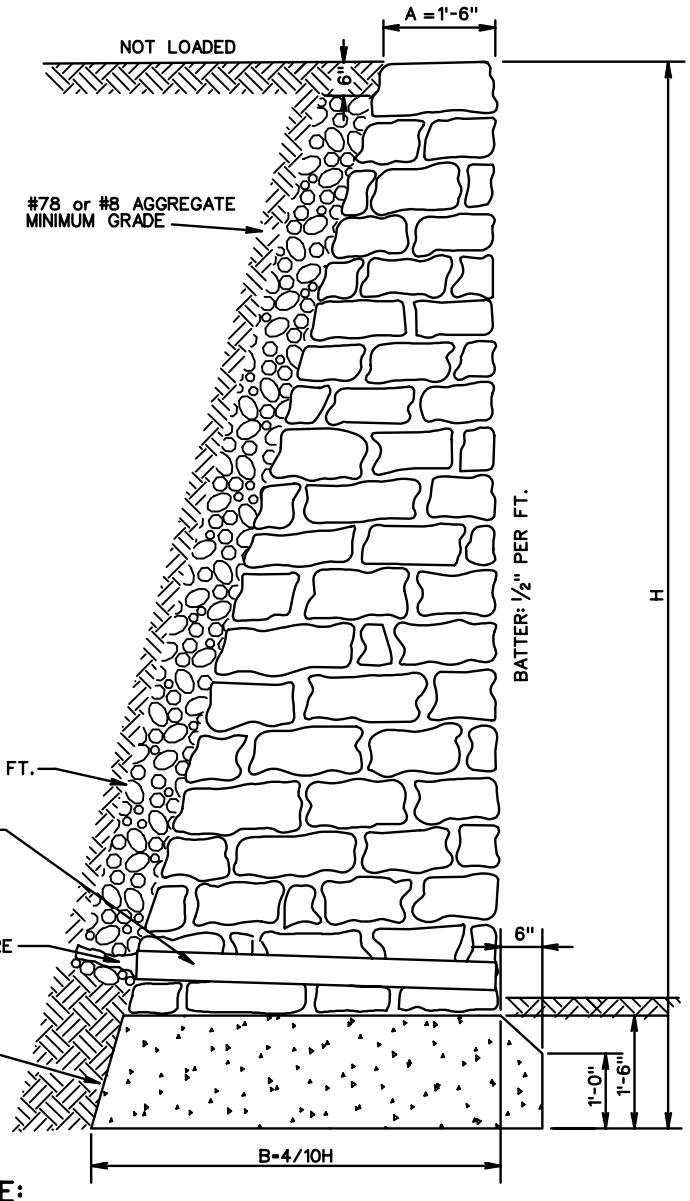
RW-1A

HEIGHT OF WALL "H" IN FEET	THICKNESS AT TOP "A" IN FEET	THICKNESS AT BASE IN FEET	AREA OF WALL SQ. FEET	AREA OF FOOTING SQ. FEET
2	1'-6"	1'-6"	0.750	2.875
3	1'-6"	1'-6"	2.250	2.875
4	1'-6"	1'-7¼"	3.828	2.997
5	1'-6"	2'-0"	5.862	3.513
6	1'-6"	2'-4¾"	8.212	4.113
7	1'-6"	2'-9½"	12.060	4.615
8	1'-6"	3'-2½"	14.240	5.186
9	1'-6"	3'-7¼"	17.813	5.762
10	1'-6"	4'-0"	21.781	6.344
11	1'-6"	4'-4¾"	26.148	6.927
12	1'-6"	4'-9½"	30.909	7.516
13	1'-6"	5'-2½"	36.070	8.105
14	1'-6"	5'-7¼"	41.629	8.696
15	1'-6"	6'-0"	47.587	9.288

H = HEIGHT IN FEET
A = 1'-6"
BASE = 4/10 H
EARTH = 100 Lbs.
RUBBLE = 150 LBS.
ANGLE OF REPOSE = 1½: 1



DRAIN PIPES ARE TO BE ONE CONTINUOUS LENGTH OR BELL AND SPIGOT WITH MORTARED JOINTS.

NOTE:

DEPTH OF WALL IN GROUND DETERMINED BY CONDITIONS. SHALL BE NOT LESS THAN 1'-6".

IF COMPRESSION AT TOE EXCEEDS SAFE BEARING CAPACITY OF SOIL, A SPECIAL FOOTING IS TO BE USED.

SPECIFICATION REFERENCE

506

MORTAR RUBBLE RETAINING WALL-LEVEL BACKFILL

VIRGINIA DEPARTMENT OF TRANSPORTATION

1201.11