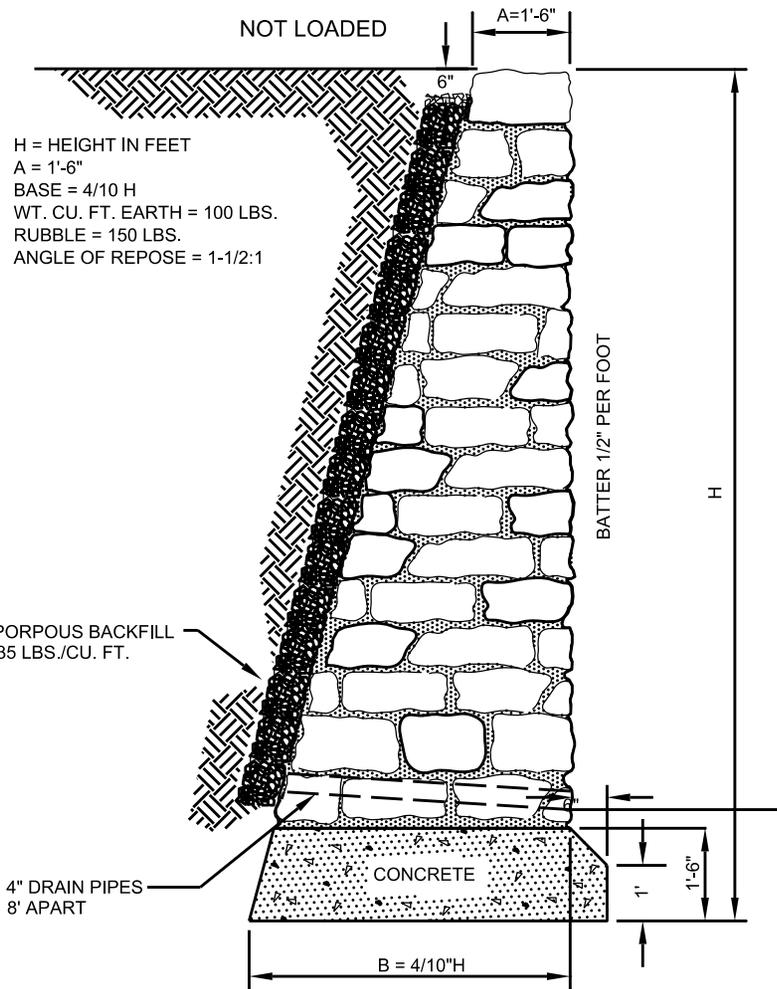


HEIGHT OF WALL "H" IN FEET	THICKNESS AT TOP "A" IN FEET	THICKNESS AT BASE "B" = .4H	AREA OF WALL SQ. FEET	AREA OF FOOTING SQ. FEET
2	1'-6"	1'-6"	0.750	2.875
3	1'-6"	1'-6"	2.250	2.875
4	1'-6"	1'-7-1/4"	3.828	2.997
5	1'-6"	2'-0"	5.862	3.513
6	1'-6"	2'-4-3/4"	8.212	4.113
7	1'-6"	2'-9-1/2"	12.060	4.615
8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



STONE LAID IN PORTLAND CEMENT MORTAR.

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

BASE TO BE CONCRETE 3,000 PSI.

BASIS OF PAVEMENT: CU YDS. STANDARD RETAINING WALL (INCLUDING CONCRETE FOR FOOTING, 4" DRAIN PIPES AND POROUS BACKFILL.)
CU YDS. MINOR STRUCTURE EXCAVATION.

REFERENCE: EM 1110-2-2502 ENGINEERING AND DESIGN, RETAINING AND FLOOD WALLS.

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"

TYPICAL MORTAR RUBBLE RETAINING WALL - LEVEL BACKFILL

DATE
AUG 1992

FIGURE
2-37b