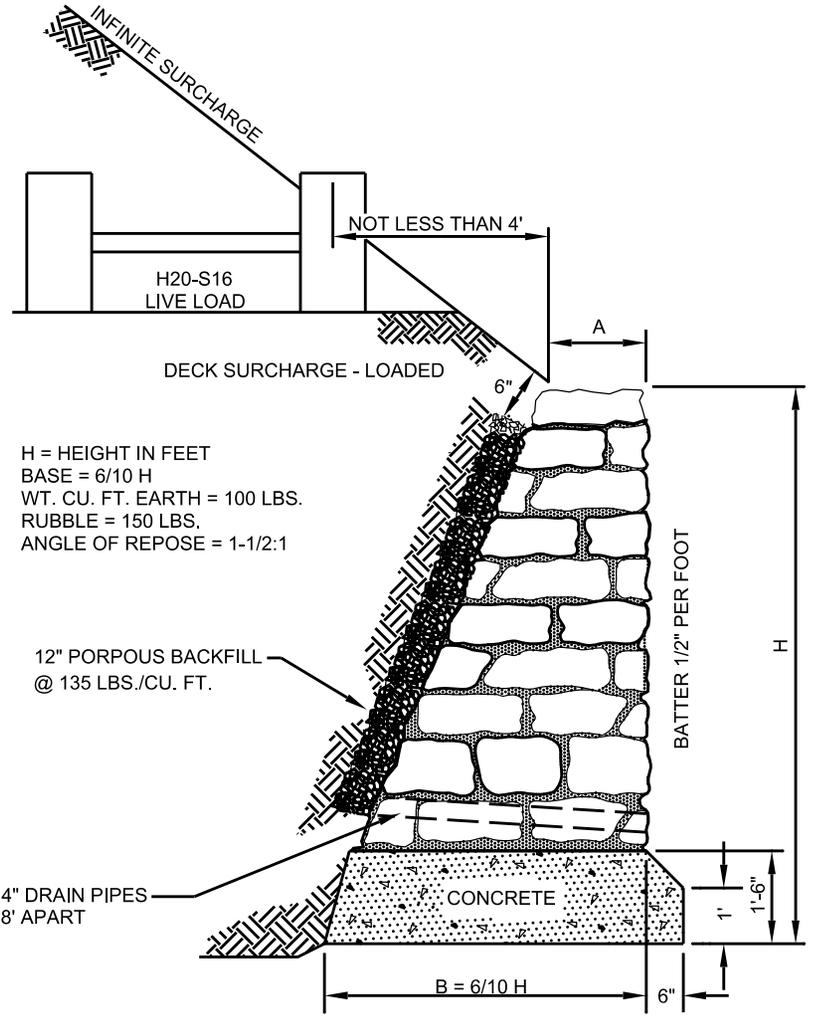


HEIGHT OF WALL "H" IN FEET	THICKNESS AT TOP "A" IN FEET	THICKNESS AT BASE "B" = .4H	AREA OF WALL SQ. FEET	AREA OF FOOTING SQ. FEET
3	1'-6"	1'-9-5/8"	2.362	3.213
4	1'-6"	2'-4-7/8"	4.453	3.972
5	1'-6"	3'-0"	7.087	4.788
6	1'-8"	3'-7-1/4"	10.763	5.663
7	1'-8"	4'-2-3/8"	14.642	6.518
8	1'-9"	4'-9-5/8"	19.429	7.396
9	1'-9"	5'-4-7/8"	24.531	8.269
10	1'-10"	6'-0"	30.634	9.157
11	1'-10"	6'-7-1/4"	35.970	10.038
12	1'-11"	7'-2-3/8"	44.395	10.930
13	1'-11"	7'-9-5/8"	51.968	11.816
14	2'-0"	8'-4-7/8"	60.714	12.711
15	2'-0"	9'-0"	69.530	13.595



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

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

NOTE: DEPTH OF WALL IN GROUND DETERMINED BY CONDITIONS TO BE NOT LESS THAN 1'-6"

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

TYPICAL MORTAR RUBBLE RETAINING WALLS, INFINITE SURCHARGE AND DECK SURCHARGE - LOADED	DATE AUG 1992	FIGURE 2-37c
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