

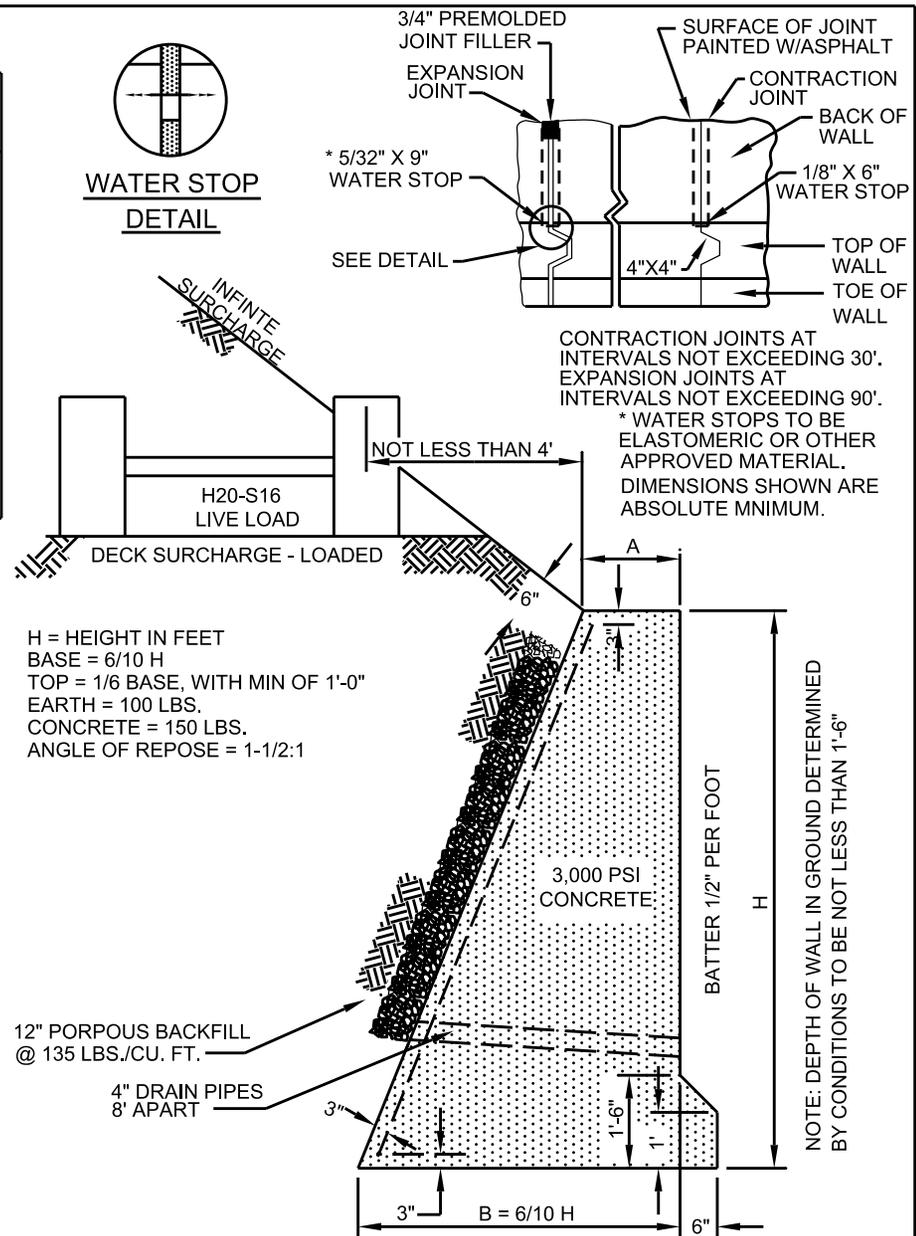
HEIGHT OF WALL "H" IN FEET	THICKNESS AT TOP "A" IN FEET	THICKNESS AT BASE "B" = .4H	COMPRESSION AT TOE LBS. SQ. FEET	AREA OF SECTION SQ. FEET
3	1'-0"	1'-9-3/8"	856	4.83
4	1'-0"	2'-4-1/4"	1141	7.43
5	1'-0"	3'-0"	1427	10.63
6	1'-0"	3'-7-1/4"	1712	14.43
7	1'-0"	4'-2-3/8"	1997	18.83
8	1'-0"	4'-9-5/8"	2283	23.83
9	1'-0"	5'-4-3/4"	2568	29.43
10	1'-0"	6'-0"	2853	35.63
11	1'-1-1/4"	6'-7-1/4"	3139	42.98
12	1'-2-3/8"	7'-2-3/8"	3424	51.03
13	1'-3-5/8"	7'-9-5/8"	3709	59.78
14	1'-4-3/4"	8'-4-3/4"	3995	69.23
15	1'-6"	9'-0"	4280	79.38

BASIS OF PAYMENT: CU. YDS. STANDARD RETAINING WALL
(INCLUDING 3,000 PSI CONCRETE,
DRAIN PIPES, AND WATER STOPS).
TONS 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

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 CONCRETE GRAVITY RETAINING WALLS
INFINITE SURCHARGE AND DECK SURCHARGE - LOADED

DATE
AUG 1992

FIGURE
2-37e