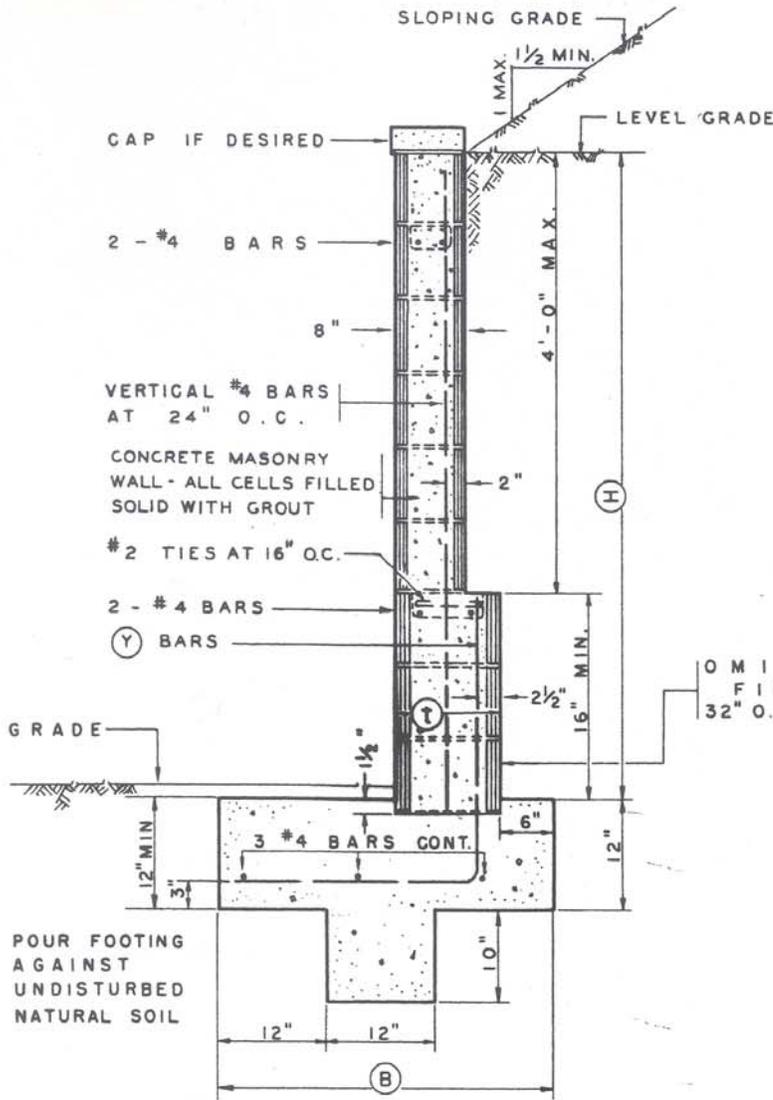


RETAINING WALLS

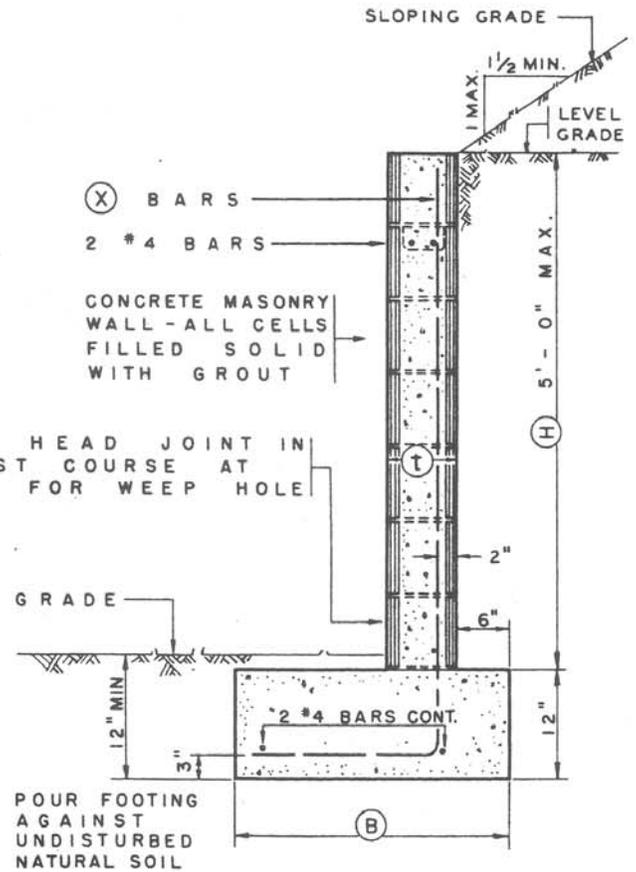


TYPICAL SECTION OVER 5'-0"
1/2" = 1'-0"

(H)	(t)	(B)	(X) BARS	(Y) BARS
3'	6"	1'-9"	#3 AT 32" O.C.	—
4'	8"	2'-2"	#4 AT 48" O.C.	—
5'	8"	2'-9"	#4 AT 24" O.C.	—
6'	12"	3'-3"	—	#4 AT 24" O.C.

DESIGN FOR LEVEL GRADE ABOVE WALL

NOTE - CONCRETE IN FOOTING TO TEST
2,000 LBS. PER SQ. IN. AT 28 DAYS
CONCRETE BLOCK - GRADE "A" UNITS
A.S.T.M. C-90
GROUT - 1 PART CEMENT, 3 PARTS SAND,
2 PARTS PEA GRAVEL
MORTAR - 1 PART CEMENT,
1/2 PART LIME PUTTY, 4 1/2 PARTS SAND



TYPICAL SECTION 5'-0" MAX.
1/2" = 1'-0"

(H)	(t)	(B)	(X) BARS	(Y) BARS
3'	6"	2'-3"	#3 AT 24" O.C.	—
4'	8"	3'-0"	#4 AT 24" O.C.	—
5'	8"	3'-6"	#5 AT 16" O.C.	—
6'	12"	4'-0"	—	#5 AT 24" O.C.

DESIGN FOR SLOPING GRADE ABOVE WALL

MAXIMUM STRESSES

$f_s = 18,000$ P.S.I.
 $f_m = 225$ P.S.I.
SHEAR $V = 15$ P.S.I.
BOND $U = 100$ P.S.I.
SOIL PRESSURE = 1,000 LBS. PER SQ. FT.
CONCRETE TO SOIL
FRICTION COEFFICIENT = 0.4