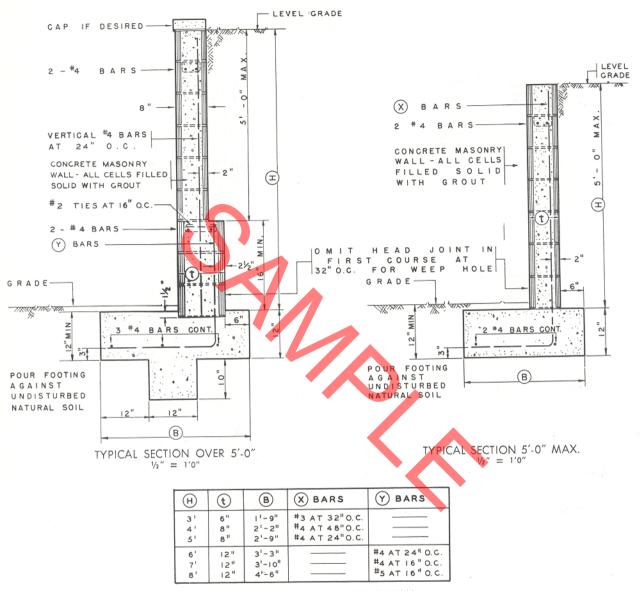
RETAINING WALLS



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 - I PART CEMENT, 3 PARTS SAND,
2 PARTS PEA GRAVEL
MORTAR - I PART CEMENT,
1/2 PART LIME PUTTY, 4 1/2 PARTS SAND

MAXIMUM STRESSES

f₃ = 20,000 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