

WALL CABINET INSTALLED WITH #8 x 2" DECK SCREWS
 TOP AND BOTTOM RAILS (1x2) SPACE AS REQUIRED
 ALLOWABLE WITHDRAWAL LOAD PER SCREW = 35 LBS
 ALLOWABLE SHEAR LOAD PER SCREW = 35 LBS

EXAMPLE OF DESIGN CHECK:

$D = 18"$

$H = 24"$

4 - #8 X 2" SCREWS TOP AND BOTTOM RAILS (TOTAL 8)

ALLOWABLE WITHDRAWAL LOAD PER SCREW = 35 LBS

ALLOWABLE SHEAR LOAD PER SCREW UNDER COMBINED

SHEAR AND WITHDRAWAL = 35 LBS

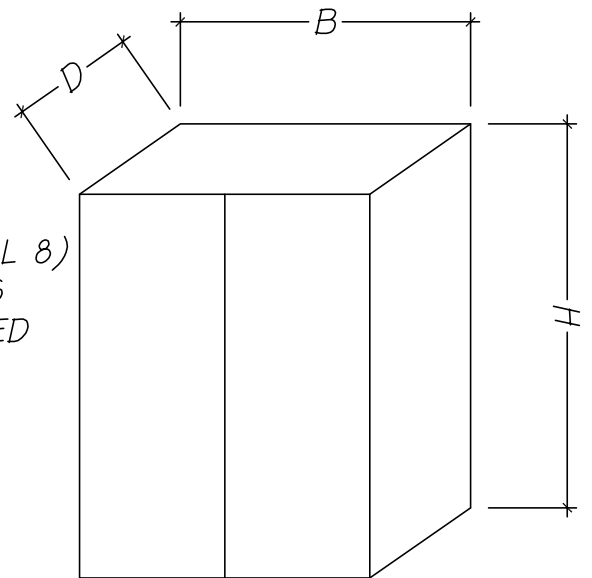
MAXIMUM WEIGHT = 250 LBS @ 1/2 DEPTH

SHEAR LOAD OF EACH SCREW

$= 250 / 8 = 31 \text{ LBS, OK}$

WITHDRAWAL LOAD OF EACH SCREW

$= (250 * 9 / 24) / 4 = 24 \text{ LBS, OK}$



WALL CABINET INSTALLATION

SCALE: N.T.S.

LAST UPDATE: JUNE 22, 2010

200.08