

EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

FOLLETT CORPORATION

110FB400A & 110FB400W DISPENSER

DES. R. LA BRIE

JOB NO. 11-0407

DATE 2/3/04

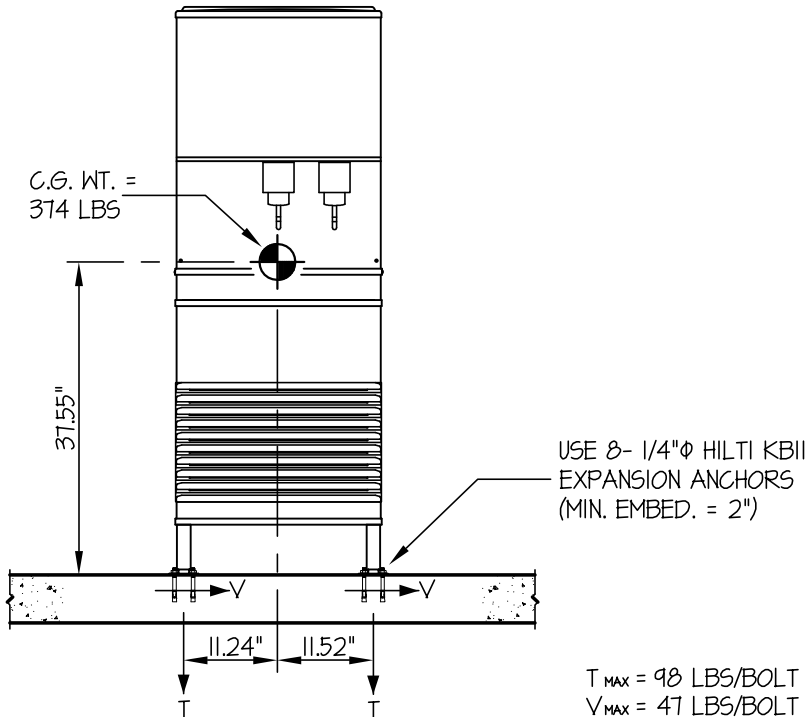
SHEET

1

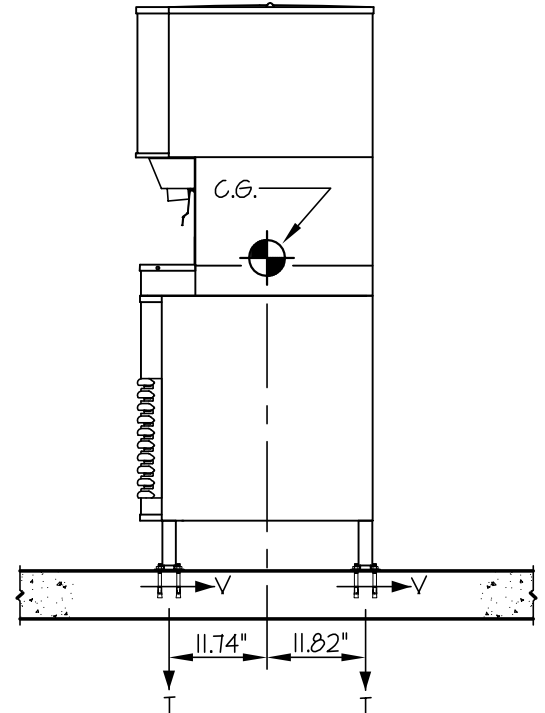
OF 1 SHEET

SEISMIC ANCHORAGE

SLAB ON GRADE



FRONT ELEVATION



SIDE ELEVATION

LOADS: PER 2001 CALIFORNIA BUILDING CODE - SECTION I632A (WORKING LOADS, NOT ULTIMATE)

WEIGHT = 374 LBS

HORIZONTAL FORCE (V_H) = $0.50W$ = 187 LBS

VERTICAL FORCE (V_V) = $0.33(V_H)$ = 62 LBS

BOLT FORCES:

TENSION (T)

$$T_{\text{SIDE TO SIDE}} = \frac{187\#(37.55) - (374\# - 62\#)11.24"}{2(22.76")} = 71 \text{ LBS/BOLT}$$

$$T_{\text{FRONT TO BACK}} = \frac{187\#(37.55) - (374\# - 62\#)11.74"}{2(23.56")} = 71 \text{ LBS/BOLT}$$

$$T = 71\# + 71\#(0.3) = 98 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V = \frac{187\#(11.52)}{2(22.76")} = 47 \text{ LBS/BOLT (MAX)}$$

NOTE:

PROVIDE FLOOR STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN.
(BY ENGINEER OF RECORD FOR THE BUILDING)

