

EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

FOLLETT CORPORATION

50FB400A & 50FB400W DISPENSER

DES. R. LA BRIE

JOB NO. 11-0407

DATE 2/3/04

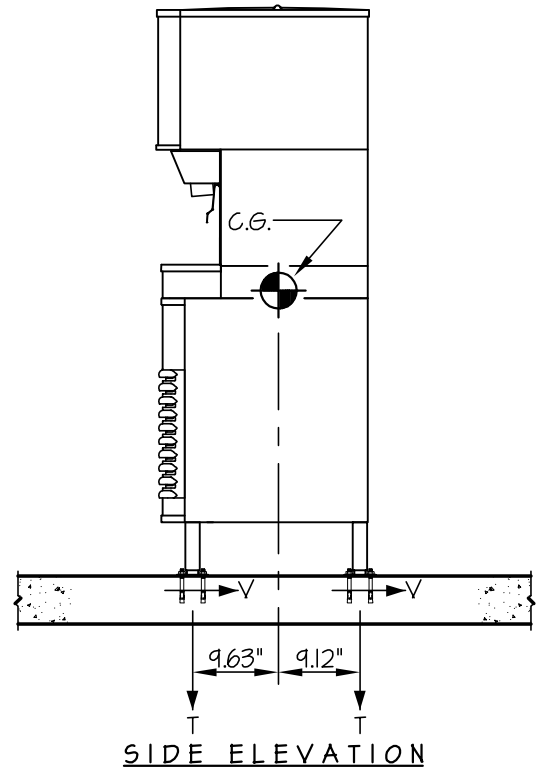
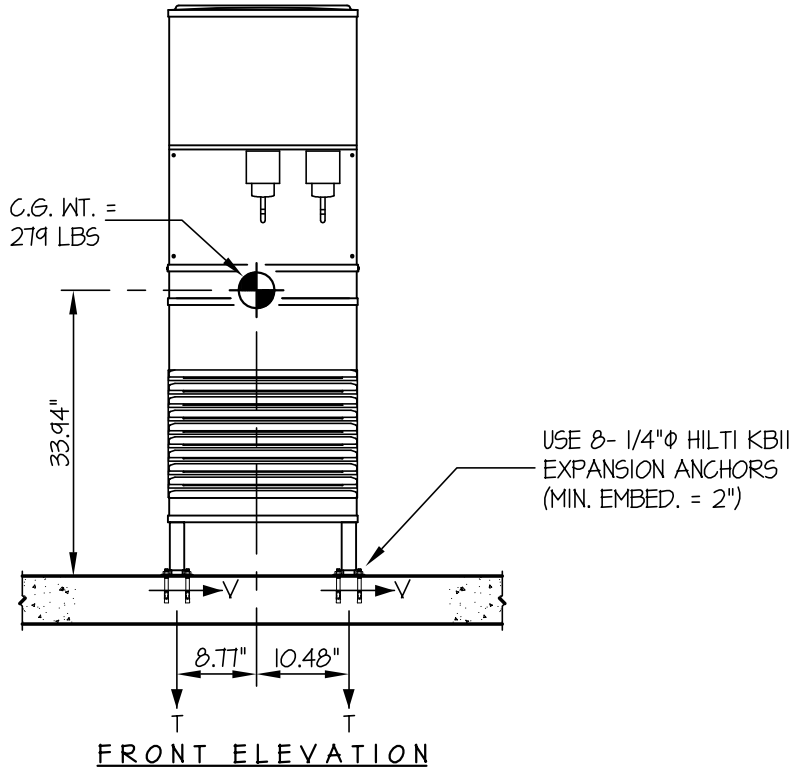
SHEET

1

OF 1 SHEET

SEISMIC ANCHORAGE

SLAB ON GRADE



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

WEIGHT = 279 LBS

HORIZONTAL FORCE (V_H) = $0.50W$ = 140 LBS

VERTICAL FORCE (V_V) = $0.33(V_H)$ = 47 LBS

BOLT FORCES:

TENSION (T)

$$T_{\text{SIDE TO SIDE}} = \frac{140\#(33.94") - (279\# - 47\#)8.77"}{2(19.25")} = 70 \text{ LBS/BOLT}$$

$$T_{\text{FRONT TO BACK}} = \frac{140\#(33.94") - (279\# - 47\#)9.12"}{2(18.75")} = 70 \text{ LBS/BOLT}$$

$$T = 70\# + 70\#(0.3) = 91 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V = \frac{140\#(10.48")}{2(19.25")} = 38 \text{ LBS/BOLT (MAX)}$$

NOTE:

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

MODEL NO.	WEIGHT (LBS)	T _{MAX} (LBS/BOLT)	V _{MAX} (LBS/BOLT)
50FB400A/W	279	91	38
25FB400A/W	254	83	35

