

EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

FOLLETT CORPORATION

50FB400A & 50FB400W DISPENSER

DES. R. LA BRIE

JOB NO. 11-0407

DATE 2/3/04

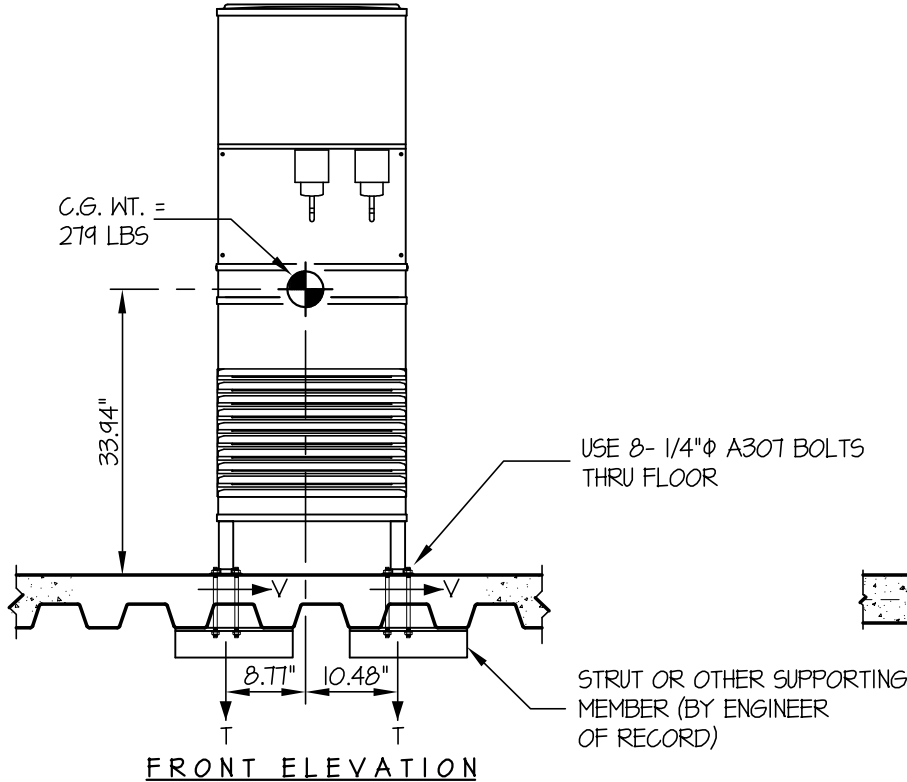
SHEET

1

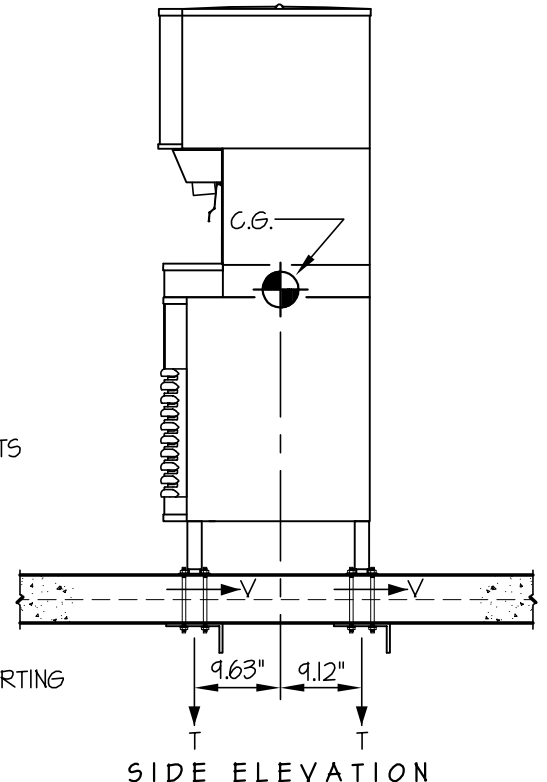
OF 1 SHEET

SEISMIC ANCHORAGE

UPPER FLOOR



FRONT ELEVATION



SIDE ELEVATION

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

WEIGHT = 279 LBS

HORIZONTAL FORCE (V_H) = $0.94W$ = 262 LBS

VERTICAL FORCE (V_V) = $0.33(V_H)$ = 87 LBS

BOLT FORCES:

TENSION (T)

$$T_{\text{SIDE TO SIDE}} = \frac{262\#(33.94") - (279\# - 87\#)8.71"}{2(19.25")} = 187 \text{ LBS/BOLT}$$

$$T_{\text{FRONT TO BACK}} = \frac{262\#(33.94") - (279\# - 87\#)9.12"}{2(18.75")} = 190 \text{ LBS/BOLT}$$

$$T = 190\# + 187\#(0.3) = 246 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V = \frac{262\#(10.48")}{2(19.25")} = 71 \text{ LBS/BOLT (MAX)}$$

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	246	71
25FB400A/W	254	225	65

