

# EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

## FOLLETT CORPORATION

### 50CT400A & 50CT400W DISPENSER WITH BASE STAND ACCESSORY

DES. R. LA BRIE

JOB NO. 11-0407

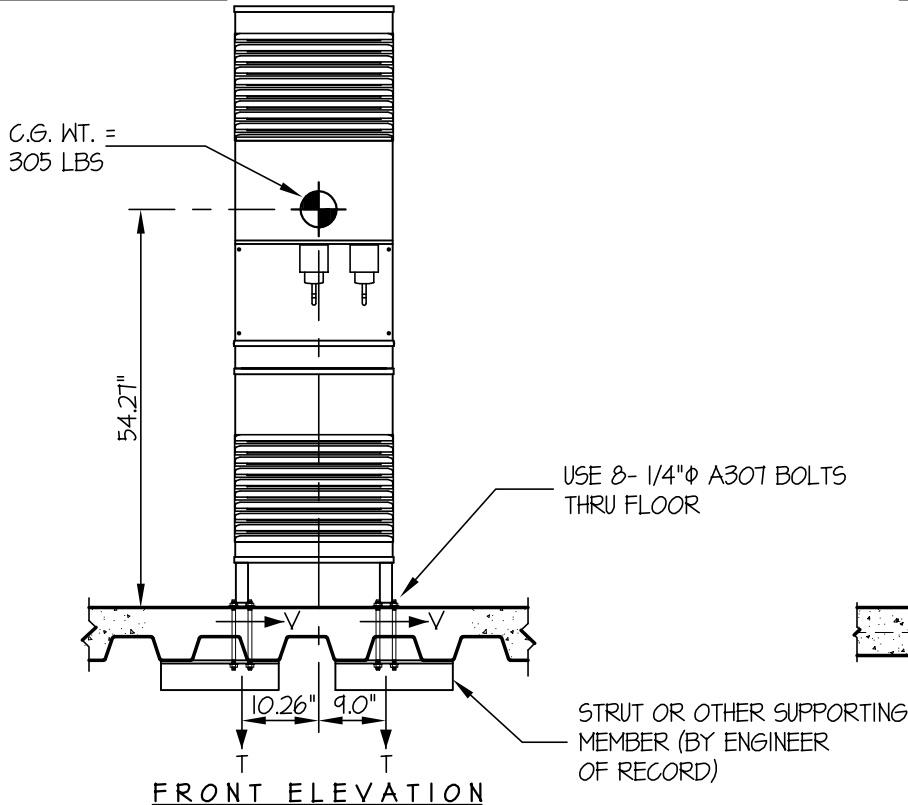
DATE 2/3/04

SHEET

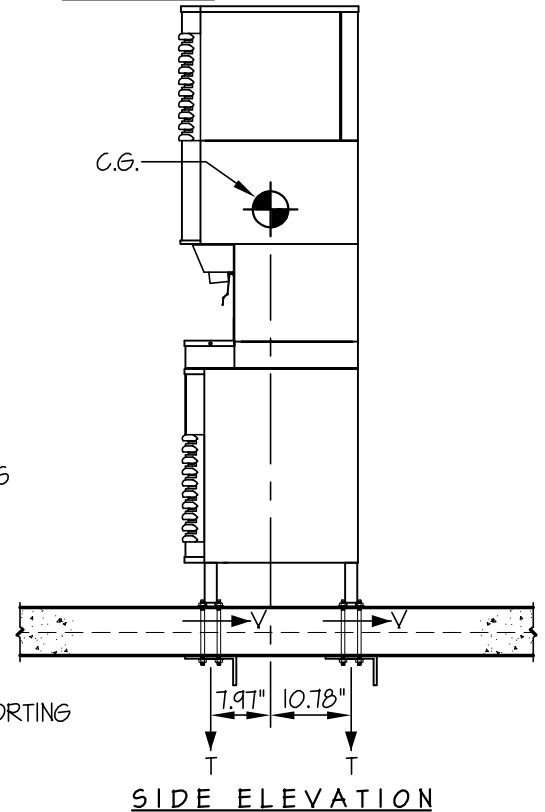
1

OF 1 SHEET

#### SEISMIC ANCHORAGE



#### UPPER FLOOR



LOADS: PER 2001 CALIFORNIA BUILDING CODE - SECTION 1632A (WORKING LOADS, NOT ULTIMATE)

WEIGHT = 305 LBS

HORIZONTAL FORCE ( $V_H$ ) =  $0.94W$  = 287 LBS

VERTICAL FORCE ( $V_V$ ) =  $0.33(V_H)$  = 96 LBS

BOLT FORCES:

TENSION (T)

$$T_{\text{SIDE}} = \frac{287\#(54.27") - (305\# - 96\#)9.0"}{2(19.26")} = 356 \text{ LBS/BOLT}$$

$$T_{\text{FRONT}} = \frac{287\#(54.27") - (305\# - 96\#)7.97"}{2(18.75")} = 371 \text{ LBS/BOLT}$$

$$T = 371\# + 356\#(0.3) = 478 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V = \frac{287\#(10.78")}{2(18.75")} = 83 \text{ LBS/BOLT (MAX)}$$

NOTE:

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

MODEL NO.	WEIGHT (LBS)	T <sub>MAX</sub> (LBS/BOLT)	V <sub>MAX</sub> (LBS/BOLT)
50CT400A/W	305	478	83
25CT400A/W	280	438	76

