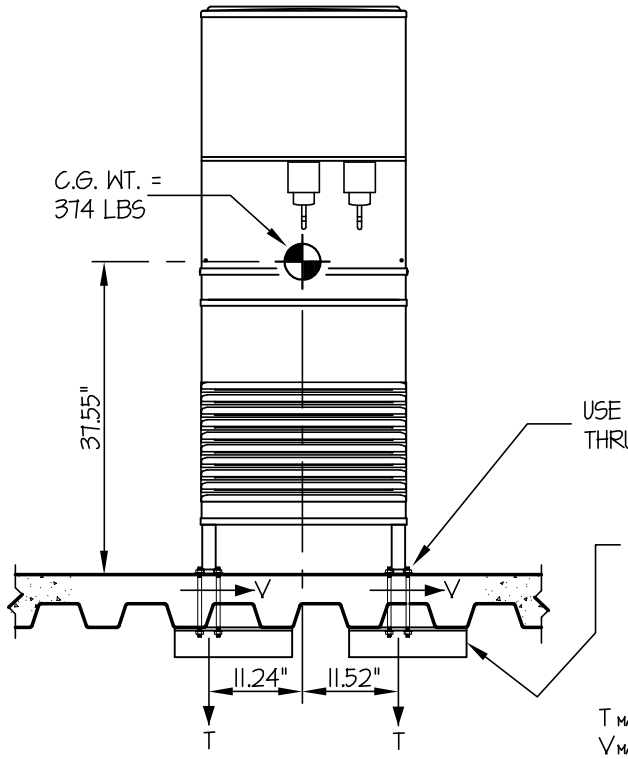
EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING		
FOLLETT CORPORATION	DES. R. LA BRIE	SHEET 1
	JOB NO. 11-0407	
110FB400A & 110FB400W DISPENSER	DATE 2/3/04	OF 1 SHEET

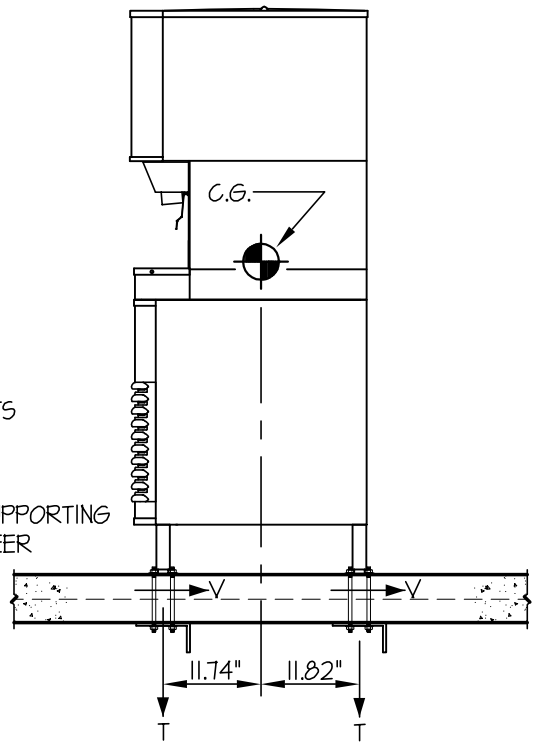
SEISMIC ANCHORAGE



FRONT ELEVATION

T_{MAX} = 292 LBS/BOLT
V_{MAX} = 89 LBS/BOLT

UPPER FLOOR



SIDE ELEVATION

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

WEIGHT = 374 LBS

HORIZONTAL FORCE (V_H) = 0.94W = 352 LBS

VERTICAL FORCE (V_V) = 0.33(V_H) = 117 LBS

BOLT FORCES:

TENSION (T)

$$T_{\substack{\text{SIDE}\\\text{TO SIDE}}} = \frac{352\#(37.55") - (374\# - 117\#)11.24"}{2(22.76")} = 227 \text{ LBS/BOLT}$$

$$T_{\substack{\text{FRONT}\\\text{TO BACK}}} = \frac{352\#(37.55") - (374\# - 117\#)11.74"}{2(23.56")} = 216 \text{ LBS/BOLT}$$

$$T = 227\# + 216\#(0.3) = 292 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V = \frac{352\#(11.52")}{2(22.76")} = 89 \text{ LBS/BOLT (MAX)}$$

REGISTERED PROFESSIONAL ENGINEER
JOSEPH L. LaBRIE
No. 3566
EXP. 3-31-2006
2/3/04
STRUCTURAL
STATE OF CALIFORNIA

NOTE:

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