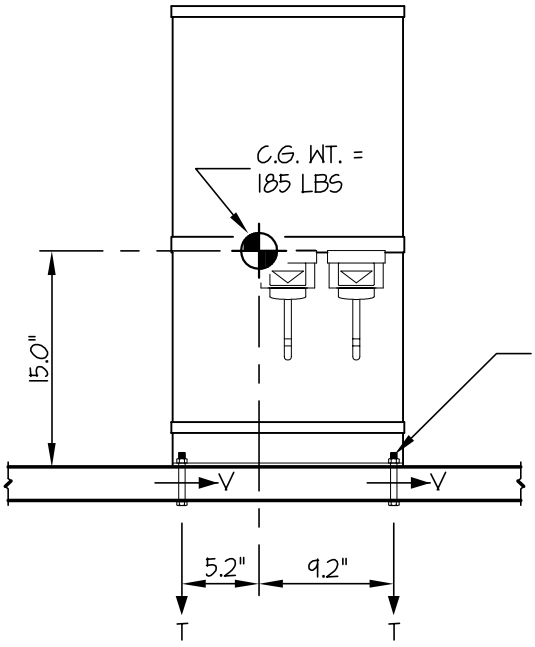
EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING		
FOLLETT CORPORATION	DES. R. LA BRIE	SHEET 1
	JOB 11-0407	
12CI400A DISPENSER	DATE 2/3/04	OF 1 SHEET

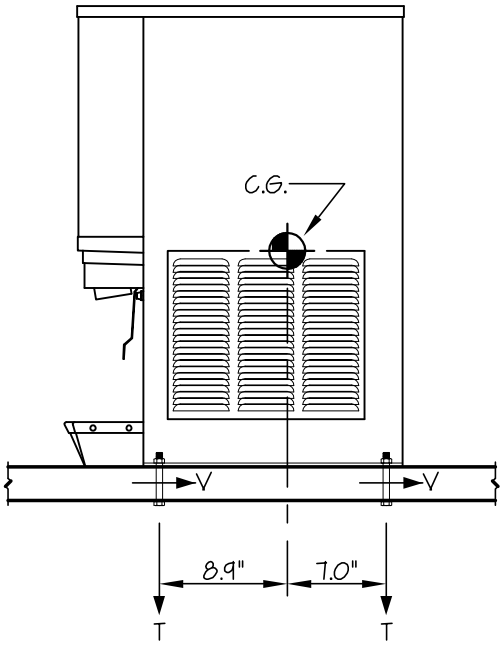
SEISMIC ANCHORAGE



FRONT ELEVATION

T_{MAX} = 84 LBS/BOLT
V_{MAX} = 56 LBS/BOLT

COUNTERTOP MOUNTED



SIDE ELEVATION

LOADS: PER 2001 CALIFORNIA BUILDING CODE - SECTION 1632A (WORKING LOADS, NOT ULTIMATE)
WEIGHT = 185 LBS
HORIZONTAL FORCE (V_H) = 0.94W = 174 LBS
VERTICAL FORCE (V_V) = 0.33(V_H) = 58 LBS

BOLT FORCES:

TENSION (T)

$$T_{\substack{\text{SIDE}\\\text{TO SIDE}}} = \frac{174\#(15.0") - (185\# - 58\#)5.2"}{2_{\text{BOLTS}}(14.4")} = 68 \text{ LBS/BOLT}$$

$$T_{\substack{\text{FRONT}\\\text{TO BACK}}} = \frac{174\#(15.0") - (185\# - 58\#)7.0"}{2_{\text{BOLTS}}(15.9")} = 54 \text{ LBS/BOLT}$$

$$T = 68\# + 54\#\,(0.3) = 84 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V = \frac{174\#(9.2")}{14.4(2)} = 56 \text{ LBS/BOLT (MAX)}$$

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

NOTE:
COUNTERTOP STRUCTURE SHALL BE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN BY OTHERS.