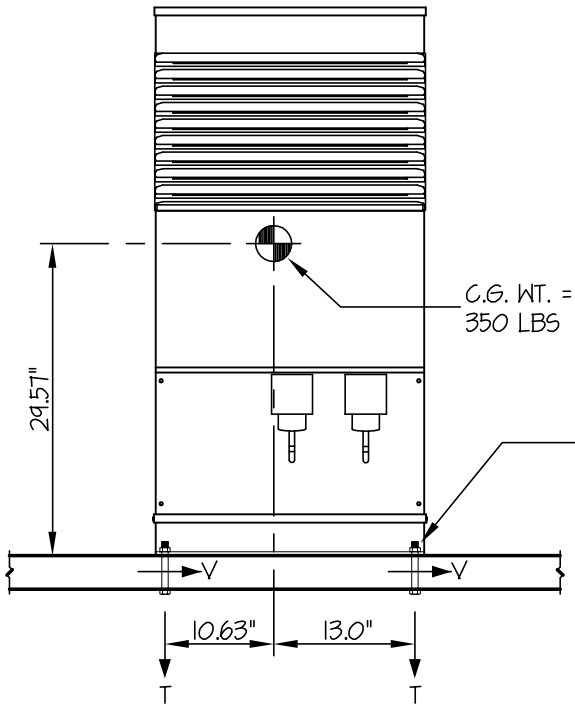


EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

FOLLETT CORPORATION	DES. R. LA BRIE	SHEET 1 OF 1 SHEETS
	JOB 11-0407	
110CT400A & 110CT400W DISPENSER	DATE 2/3/04	

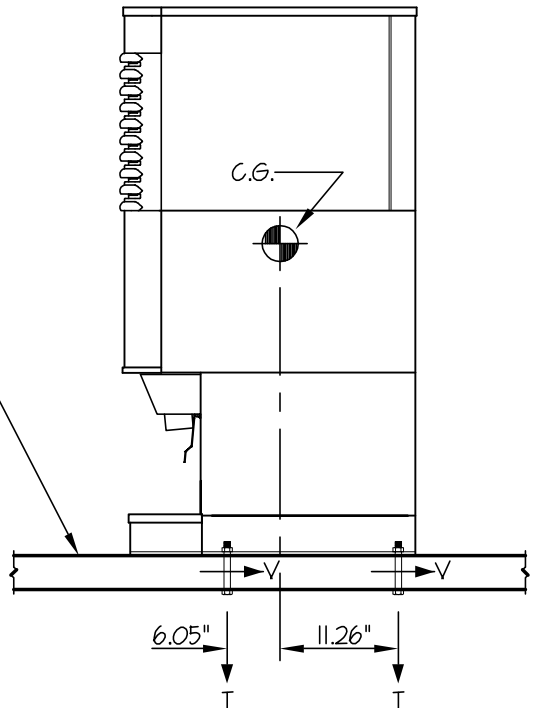
SEISMIC ANCHORAGE

COUNTERTOP MOUNTED



FRONT ELEVATION

C.G. WT. = 350 LBS
 COUNTERTOP (BY OTHERS)
 USE 4- 1/4"φ A307 BOLTS THRU COUNTERTOP



SIDE ELEVATION

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

WEIGHT = 350 LBS
 HORIZONTAL FORCE (V_H) = 0.94W = 329 LBS
 VERTICAL FORCE (V_V) = 0.33(V_H) = 110 LBS

MODEL NO.	WEIGHT (LBS)	T _{MAX} (LBS/BOLT)	V _{MAX} (LBS/BOLT)
110CT400A/W	350	285	107
110CR400A/W	200	160	61
110CM	200	160	61

BOLT FORCES:

TENSION (T)

$$T_{\text{SIDE TO SIDE}} = \frac{329\#(29.57") - (350\# - 110\#)10.63"}{2 \text{ BOLTS}(26.63")} = 152 \text{ LBS/BOLT}$$

$$T_{\text{FRONT TO BACK}} = \frac{329\#(29.57") - (350\# - 110\#)6.05"}{2 \text{ BOLTS}(17.31")} = 239 \text{ LBS/BOLT}$$

$$T = 239\# + 152\#(0.3) = 285 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V = \frac{329\#(11.26")}{17.31(2)} = 107 \text{ LBS/BOLT (MAX)}$$

NOTE:

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

