

FOLLETT CORPORATION

25HI400A & 50HI400A DISPENSER

DES. **R. LA BRIE**

JOB NO. **11-0879**

DATE **10/3/08**

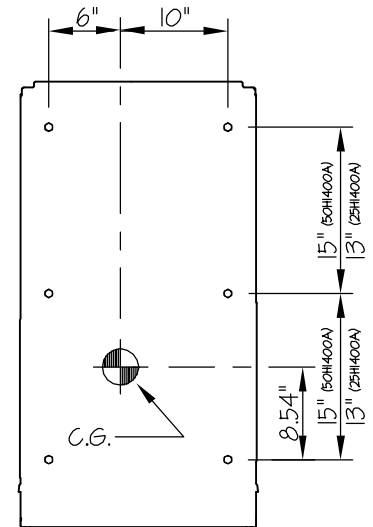
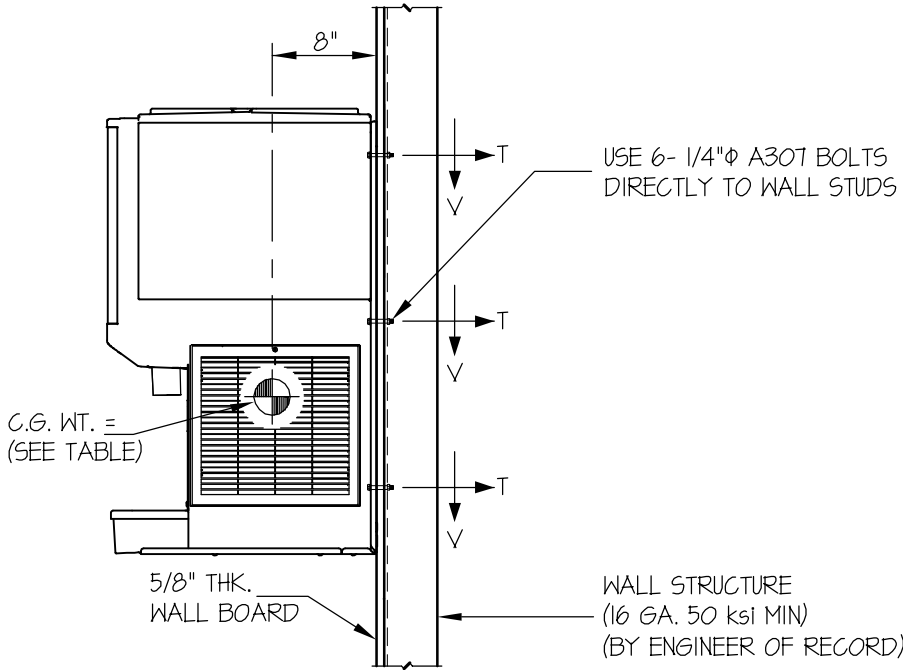
SHEET

1

OF **1** SHEETS

SEISMIC ANCHORAGE

WALL MOUNTED



PLAN AT WALL

SIDE ELEVATION

LOADS: PER 2007 CALIFORNIA BUILDING CODE SECTION 1613A AND ASCE 7-05 SECTIONS 12 AND 13.

WEIGHT = 245 LBS (INCLUDING CONTENTS)

HORIZONTAL FORCE (E_h) = $0.97W_p = 238$ LBS

VERTICAL FORCE (E_v) = $0.27W_p = 66$ LBS

TENSION (T)

$$T_{\text{VERT.}} = \frac{(245\# + 66\#)(8'')(10'')}{26''(16'')} = 60 \text{ LBS}$$

$$T_{\text{PARALLEL}} = \frac{238\#(8'')}{2_{\text{BOLTS}}(16'')} = 60 \text{ LBS}$$

$$T_{\text{PERP.}} = \frac{238\#(10'')}{2_{\text{BOLTS}}(16'')} = 74 \text{ LBS}$$

$$T_{\text{MAX}} = 60\# + \sqrt{60^2 + 74^2} = 155 \text{ LBS/BOLT (MAX)}$$

SHEAR (V)

$$V_{\text{MAX}} = \frac{(245\# + 66\#)10''}{3_{\text{BOLTS}}(16'')} + \frac{238\#}{4_{\text{BOLTS}}} = 124 \text{ LBS/BOLT (MAX)}$$

MODEL NO.	WEIGHT (LBS)	T MAX (LBS/BOLT)	V MAX (LBS/BOLT)
50HI400A	255	153	129
25HI400A	245	155	124

NOTE:

ENGINEER OF RECORD (EOR) SHALL PROVIDE WALL STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN. WHERE STUDS CANNOT BE FASTENED TO, PROVIDE WALL BACKING (BY EOR).

