

FOLLETT CORPORATION

25CI400A/W & 50CI400A/W DISPENSER WITH BASE STAND ACCESSORY

DES. **R. LA BRIE**

JOB NO. **11-0879**

DATE **10/24/08**

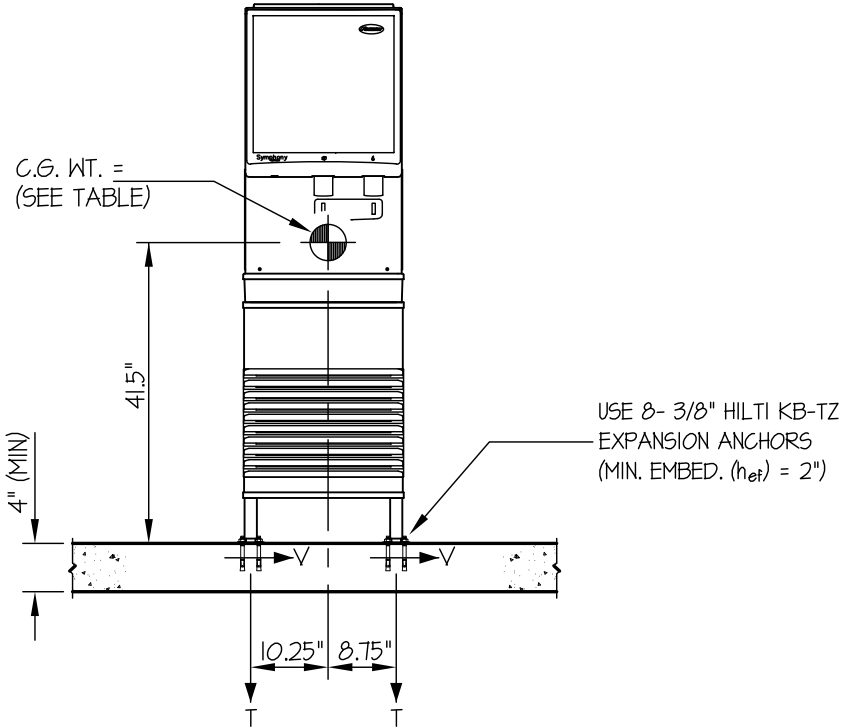
SHEET

1

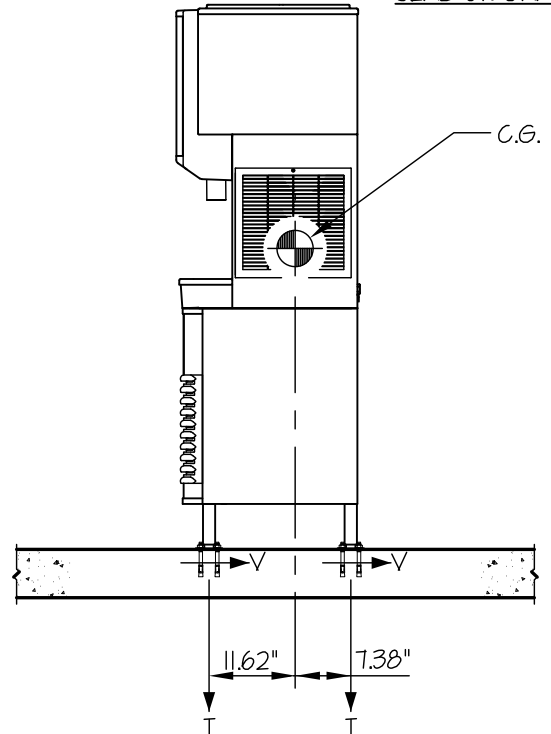
OF **1** SHEET

SEISMIC ANCHORAGE

SLAB ON GRADE



FRONT ELEVATION



SIDE ELEVATION

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

WEIGHT = 279 LBS

HORIZONTAL FORCE (E_H) = 0.61 W_p = 170 LBS

VERTICAL FORCE (E_V) = 0.27 W_p = 75 LBS

MODEL NO.	WEIGHT (LBS)	T MAX (LBS/BOLT)	V MAX (LBS/BOLT)
50CI400A/W	279	129	26
25CI400A/W	269	124	25

BOLT FORCES:

TENSION (T)

$$T_{\text{MAXIMUM}} = \left[\frac{170\#(41.5'')(10.25'')}{2 \text{ BOLTS}(19'')(19'')} \times (0.3) \right] + \frac{170\#(41.5'')(11.62'')}{2 \text{ BOLTS}(19'')(19'')} - \frac{(279\#(0.6) - 75\#)(10.25'')(11.62'')}{2 \text{ BOLTS}(19'')(19'')} = 129 \text{ LBS/BOLT (MAX)}$$

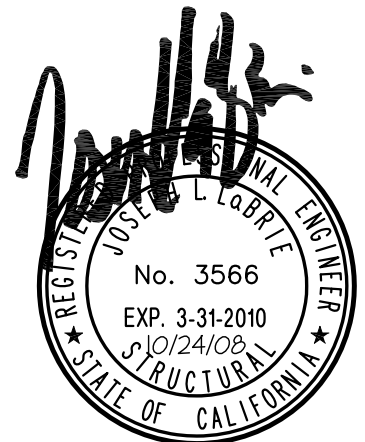
(HORIZ - FRONT TO BACK) (HORIZ - SIDE TO SIDE) (WEIGHT (0.6) - E_v)

SHEAR (V)

$$V_{\text{MAXIMUM}} = \frac{170\#(11.62'')}{4 \text{ BOLTS}(19'')} = 26 \text{ LBS/BOLT (MAX)}$$

NOTE:

ARCHITECT OR STRUCTURAL ENGINEER OF RECORD SHALL PROVIDE SUPPORT STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN.



FOLLETT CORPORATION

25CI400A/W & 50CI400A/W DISPENSER WITH BASE STAND ACCESSORY

DES. **R. LA BRIE**

JOB NO. **11-0879**

DATE **10/24/08**

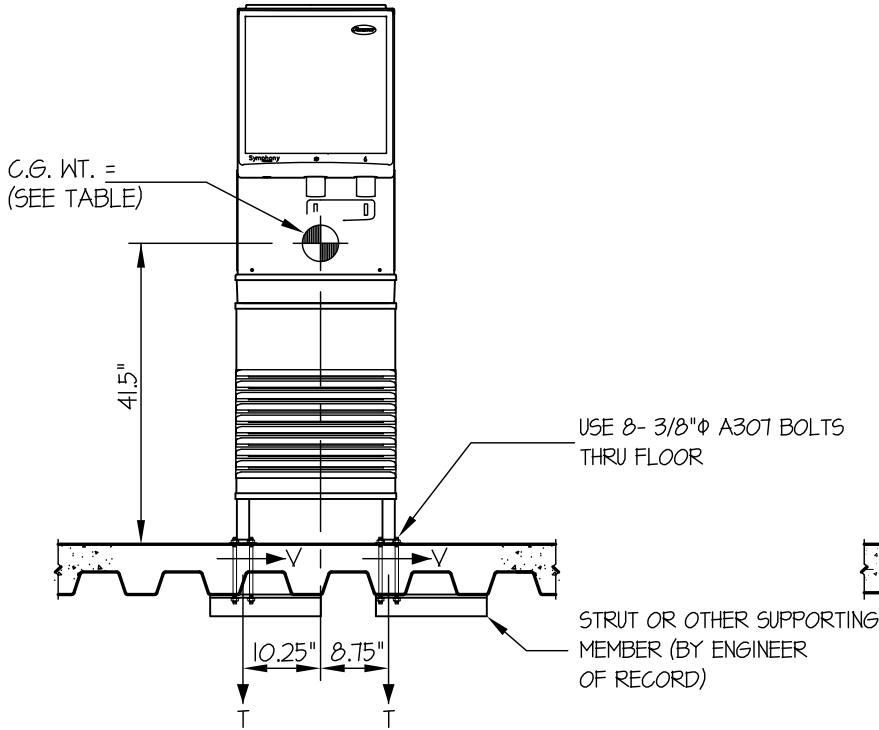
SHEET

1

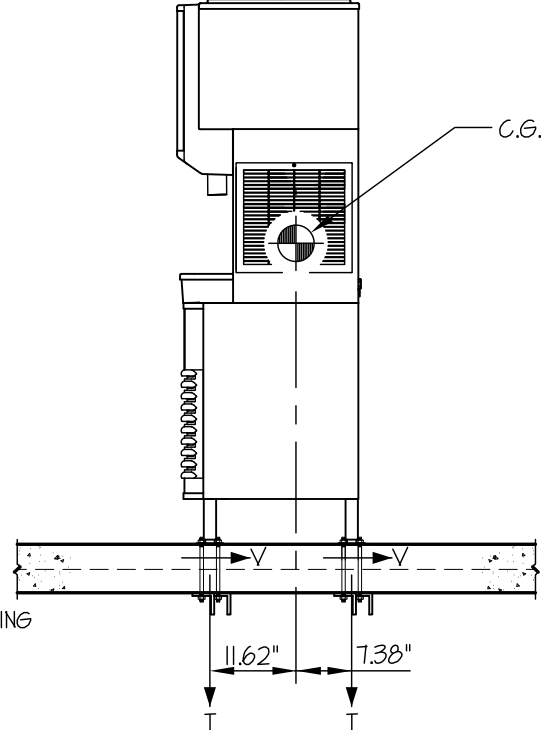
OF **1** SHEET

SEISMIC ANCHORAGE

ELEVATED FLOOR



FRONT ELEVATION



SIDE ELEVATION

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

WEIGHT = 279 LBS

HORIZONTAL FORCE (E_H) = $0.97 W_p = 271$ LBS

VERTICAL FORCE (E_v) = $0.27 W_p = 75$ LBS

MODEL NO.	WEIGHT (LBS)	T MAX (LBS/BOLT)	V MAX (LBS/BOLT)
50CI400A/W	279	213	41
25CI400A/W	269	206	40

BOLT FORCES:

TENSION (T)

$$T_{\text{MAXIMUM}} = \left[\frac{271\#(41.5\")(10.25\"){}}{2\text{ BOLTS } (19\")(19\")} \times (0.3) \right] + \frac{271\#(41.5\")(11.62\"){}}{2\text{ BOLTS } (19\")(19\")} - \frac{279\#(0.6) - 75\#(10.25\")(11.62\"){}}{2\text{ BOLTS } (19\")(19\")} = 213 \text{ LBS/BOLT (MAX)}$$

(HORIZ. - FRONT TO BACK) (HORIZ. - SIDE TO SIDE) (WEIGHT (0.6) - E_v)

SHEAR (V)

$$V_{\text{MAXIMUM}} = \frac{271\#(11.62\"){}}{4 \text{ BOLTS } (19\")} = 41 \text{ LBS/BOLT (MAX)}$$

NOTE:

ARCHITECT OR STRUCTURAL ENGINEER OF RECORD SHALL PROVIDE SUPPORT STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN.

