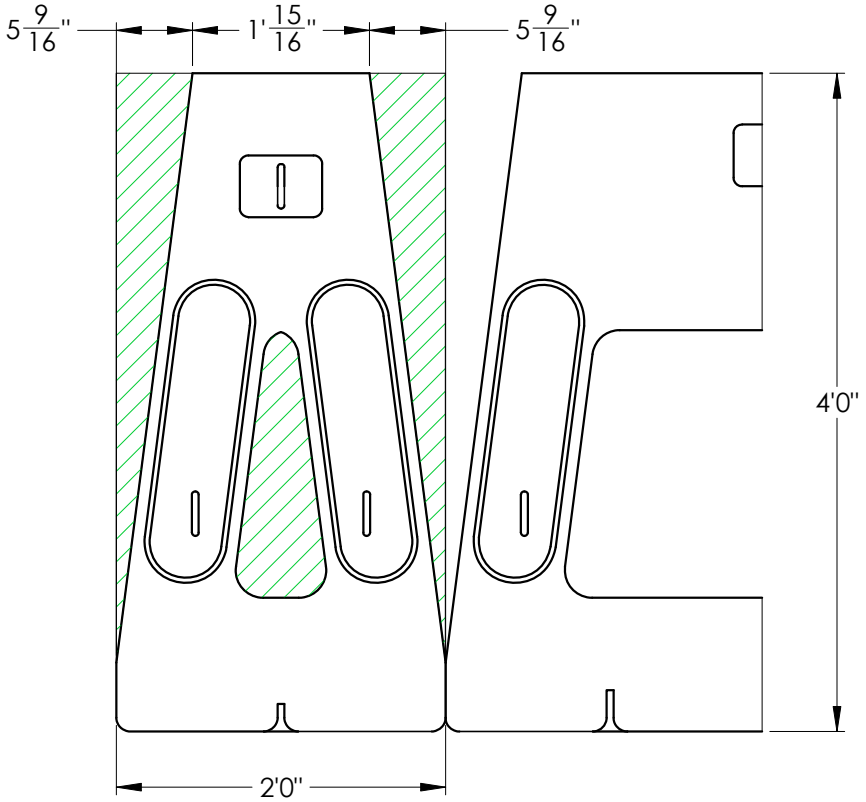
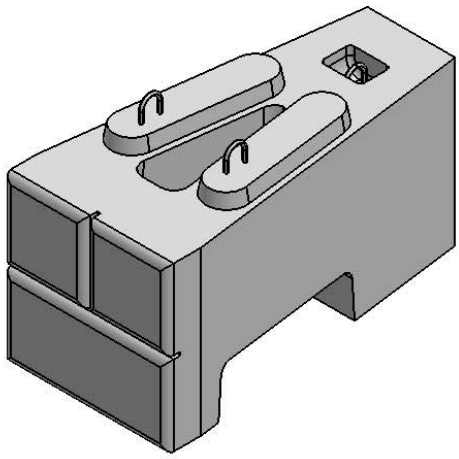
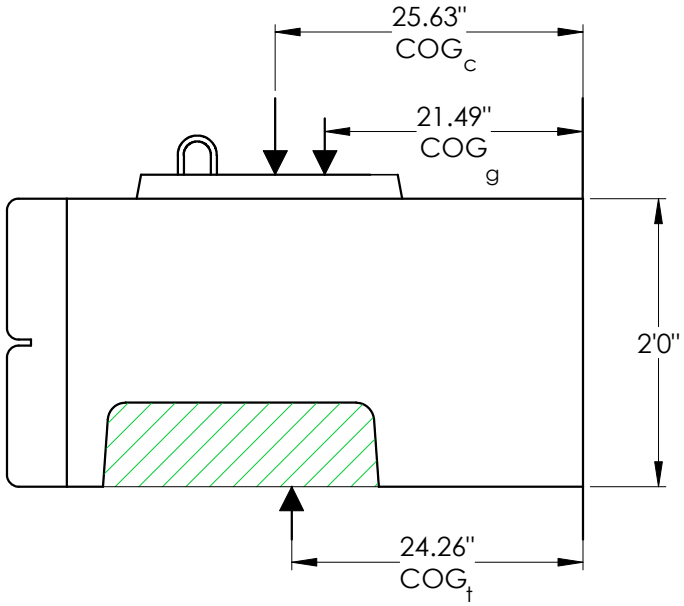
48" HALF BLOCK MASS EXTENDER & GRAVEL INFILL







CONCRETE BLOCK DATA

DESIGN UNIT WEIGHT (γ_c) = 142 pcf
VOLUME (V_c) = 9.80 cft
BLOCK WEIGHT (W_c) = 1,392 lbs
CENTER OF GRAVITY (COG_c) = 25.63" (SEE NOTES)

GRAVEL INFILL DATA

DESIGN UNIT WEIGHT (γ_g) = 110 pcf
VOLUME (V_g) = 6.20 cft
GRAVEL INFILL WEIGHT (W_g) = 682 lbs
CENTER OF GRAVITY (COG_g) = 21.49" (SEE NOTES)

NOTES:

- VOLUME, WEIGHT AND COG CALCULATIONS WERE DONE USING CAD SOFTWARE.
- COG MEASURMENTS ARE FROM BACK OF BLOCK

COMBINED UNIT DATA

DESIGN UNIT WEIGHT (γ_t) = (1,392 lbs +682 lbs) / 16 cft = 130 pcf
VOLUME (V_t) = 9.80 cft + 6.20 cft = 16.00 cft
TOTAL UNIT WEIGHT (W_t) = 2,074 lbs
CENTER OF GRAVITY (COG_t) = 24.26" (SEE NOTES)

VERTI BLOCK®
16500 SOUTH 500 WEST
BLUFFDALE, UTAH 84065
PHONE: (801) 571-2028

DRAWN BY	DATE
R FONTANESI	11/8/2016

TITLE: 48" HALF MASS EXTENDER

DWG NO. BD-08

REV. 01

SCALE: NA | WEIGHT: SEE ABOVE | SHEET 1 OF 1