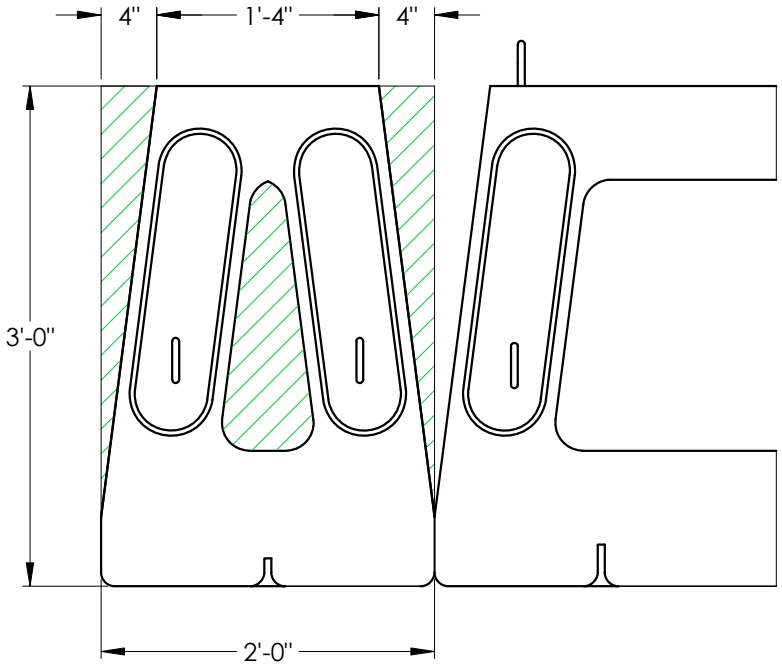
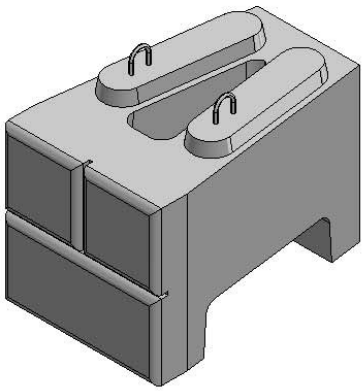
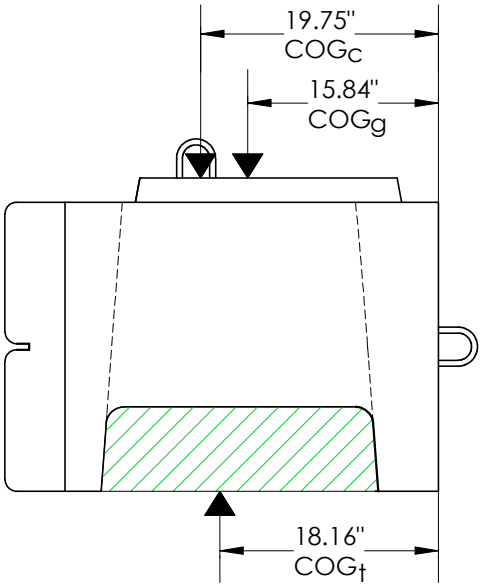
36" HALF BLOCK & GRAVEL INFILL







CONCRETE BLOCK DATA

DESIGN UNIT WEIGHT (γ_c) = 142 pcf
VOLUME (V_c) = 7.52 cft
BLOCK WEIGHT (W_c) = 1,068 lbs
CENTER OF GRAVITY (COG_c) = 19.75" (SEE NOTES)

GRAVEL INFILL DATA

DESIGN UNIT WEIGHT (γ_g) = 110 pcf
VOLUME (V_g) = 4.48 cft
GRAVEL INFILL WEIGHT (W_g) = 493 lbs
CENTER OF GRAVITY (COG_g) = 15.84" (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) = (1,068 lbs +493 lbs) / 12 cft = 130 pcf
VOLUME (V_t) = 7.52 cft + 4.48 cft = 12.00 cft
TOTAL UNIT WEIGHT (W_t) = 1,561 lbs
CENTER OF GRAVITY (COG_t) = 18.16" (SEE NOTES)

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

DRAWN BY	DATE
DAN BALLING	11/25/2013

TITLE: HALF BLOCK

DWG NO. BD-03

SCALE: 1: 15

SHEET 1 OF 1