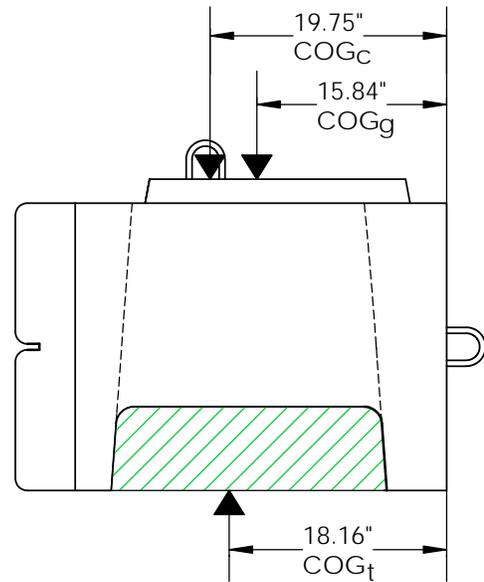
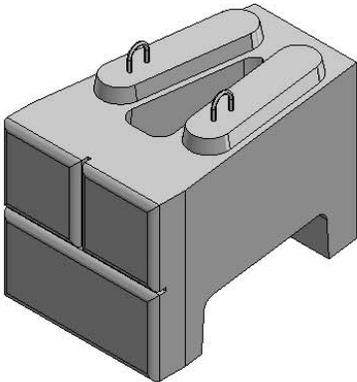
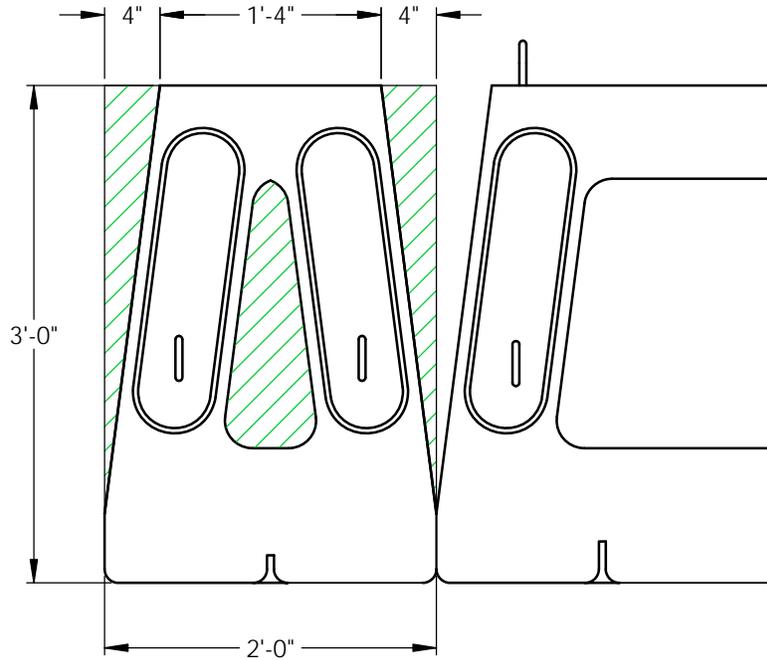


36" HALF BLOCK & GRAVEL INFILL



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 MEASUREMENTS 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)



DRAWN BY: DAN BALLING
 DATE: 11/25/2013

TITLE:

HALF BLOCK

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

DWG NO.

BD-03

SCALE: 1: 15

SHEET 1 OF 1