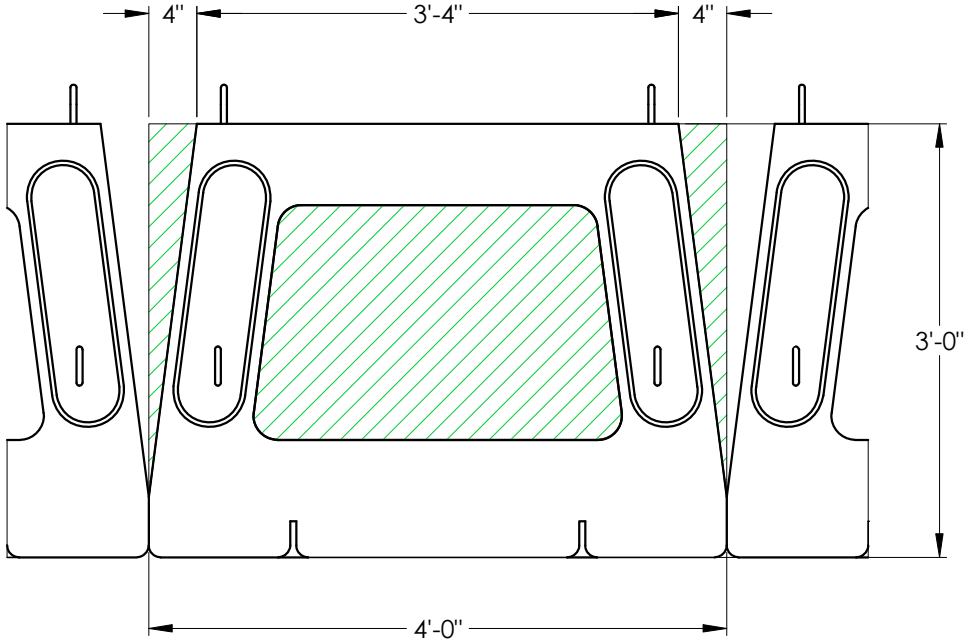
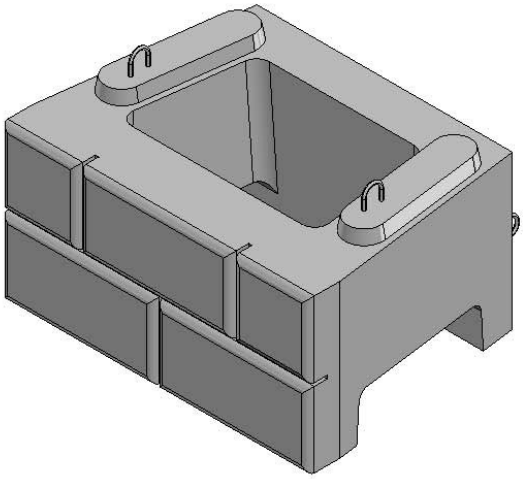
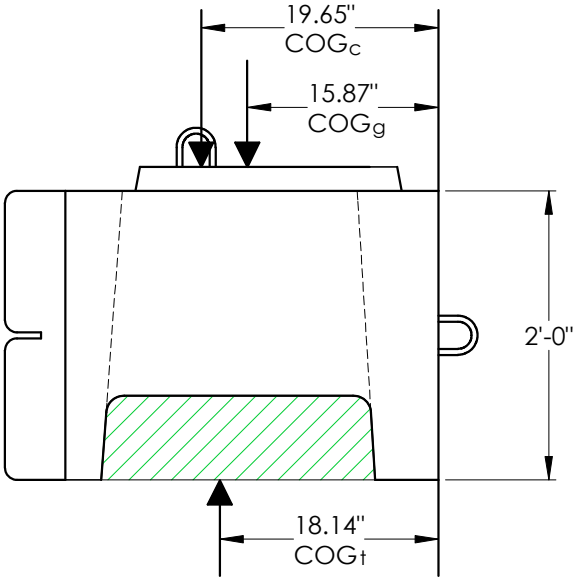
36" STANDARD BLOCK & GRAVEL INFILL







CONCRETE BLOCK DATA

DESIGN UNIT WEIGHT (γ_c) = 142 pcf
VOLUME (V_c) = 12.36 cft
BLOCK WEIGHT (W_c) = 1,755 lbs
CENTER OF GRAVITY (COG_c) = 19.65" (SEE NOTES)

GRAVEL INFILL DATA

DESIGN UNIT WEIGHT (γ_g) = 110 pcf
VOLUME (V_g) = 11.64 cft
GRAVEL INFILL WEIGHT (W_g) = 1,280 lbs
CENTER OF GRAVITY (COG_g) = 15.87" (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) = (1,755 lbs +1,280 lbs) / 24 cft = 126 pcf
VOLUME (V_t) = 12.36 cft + 11.64 cft = 24.00 cft
TOTAL UNIT WEIGHT (W_t) = 3,035 lbs
CENTER OF GRAVITY (COG_t) = 18.14" (SEE NOTES)

VERTI BLOCK®

DRAWN BY	DATE	TITLE:
DAN BALLING	11/25/2013	STANDARD BLOCK

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

DWG NO. BD-02

SCALE: 1: 15 | SHEET 1 OF 1