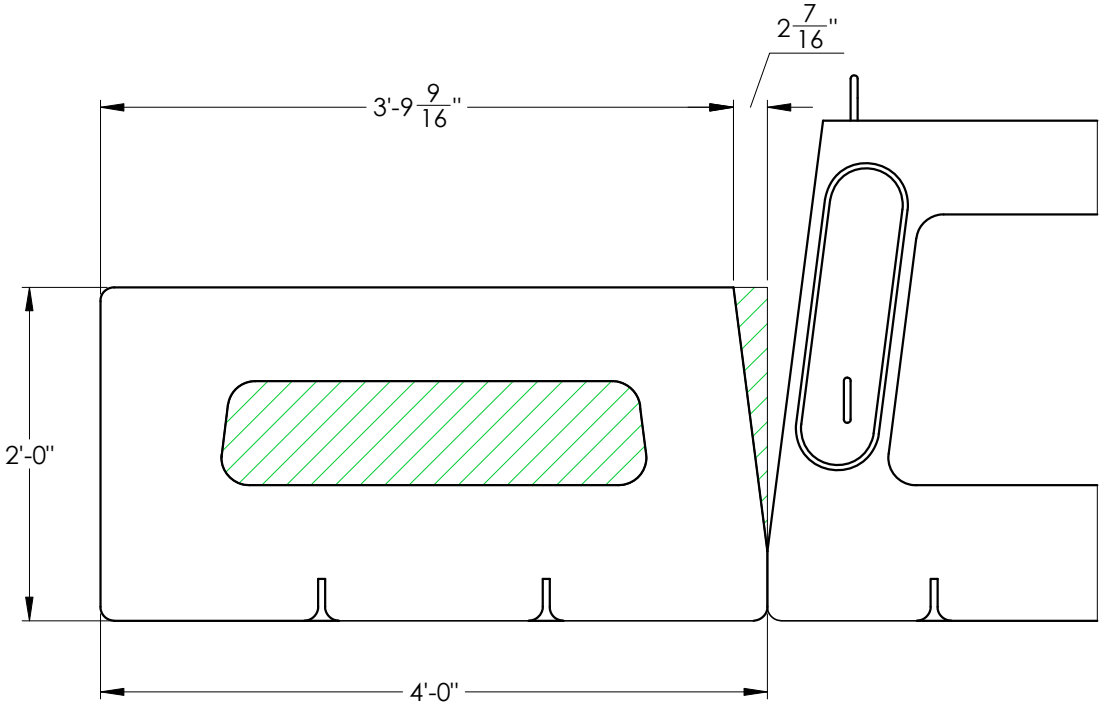
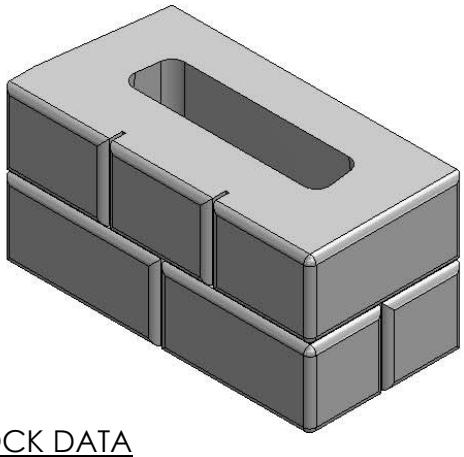
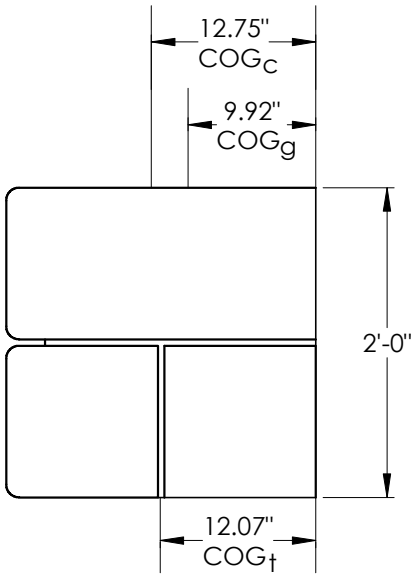
24" CORNER BLOCK & GRAVEL INFILL







CONCRETE BLOCK DATA

DESIGN UNIT WEIGHT (γ_c) = 142 pcf
VOLUME (V_c) = 11.23 cft
BLOCK WEIGHT (W_c) = 1,595 lbs
CENTER OF GRAVITY (COG_c) = 12.75" (SEE NOTES)

GRAVEL INFILL DATA

DESIGN UNIT WEIGHT (γ_g) = 110 pcf
VOLUME (V_g) = 4.77 cft
GRAVEL INFILL WEIGHT (W_g) = 508 lbs
CENTER OF GRAVITY (COG_g) = 9.92" (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) = (1,595 lbs + 508 lbs) / 16 cft = 131 pcf
VOLUME (V_t) = 11.23 cft + 4.77 cft = 16.00 cft
TOTAL UNIT WEIGHT (W_t) = 2,103 lbs
CENTER OF GRAVITY (COG_t) = 12.07" (SEE NOTES)

VERTI BLOCK®

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

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

DWG NO. BD-04

SCALE: 1: 15 | SHEET 1 OF 1