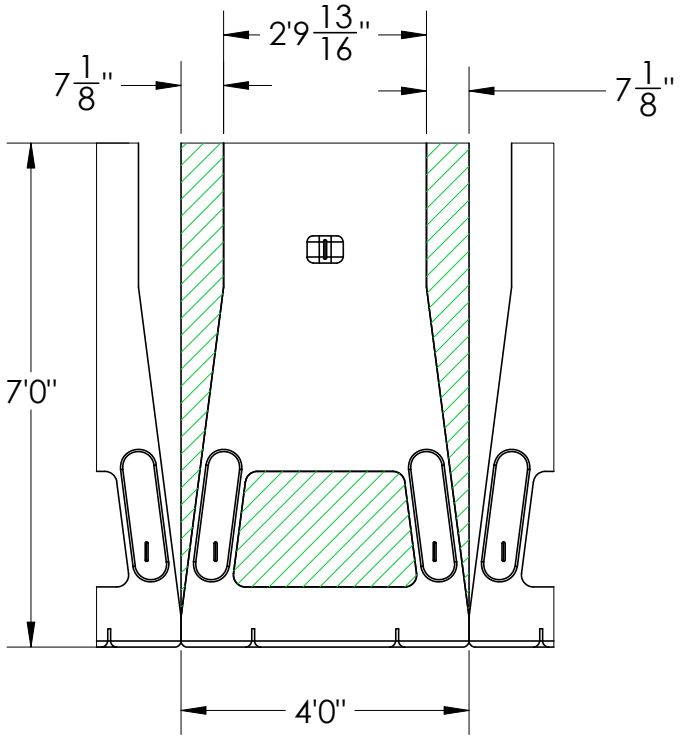
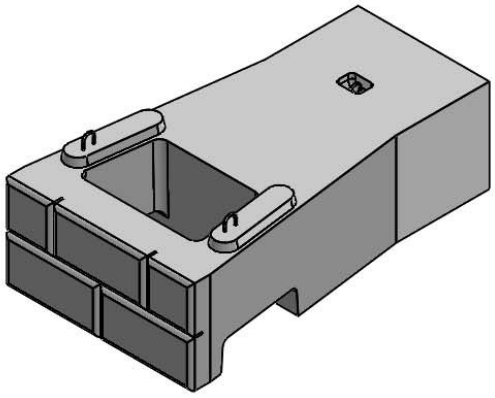
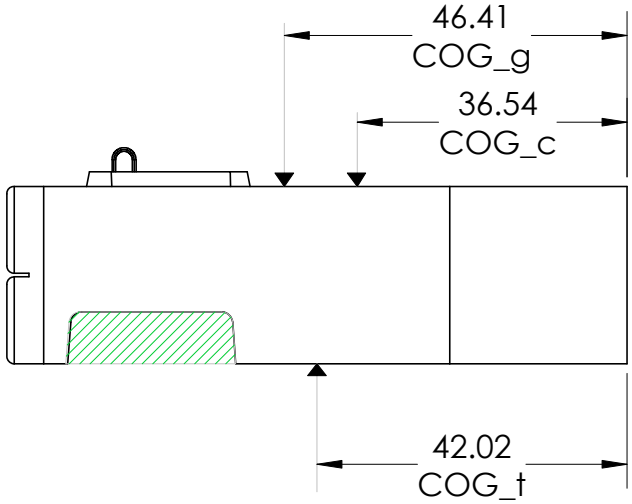
84" BLOCK MASS EXTENDER & GRAVEL INFILL







CONCRETE BLOCK DATA
DESIGN UNIT WEIGHT = 142 pcf
VOLUME = 35.9 cft
BLOCK WEIGHT = 5098 lbs
CENTER OF GRAVITY (COG_c) = 36.54" (SEE NOTES)

GRAVEL INFILL DATA
DESIGN UNIT WEIGHT = 110 pcf
VOLUME = 20.2 cft
GRAVEL INFILL WEIGH = 2222 lbs
CENTER OF GRAVITY (COG_g) = 46.41" (SEE NOTES)

COMBINED UNIT DATA
DESIGN UNIT WEIGHT = (5098 lbs +2222 lbs)/56.1 cft = 130 pcf
VOLUME = 35.9 cft + 20.2 cft = 56.1 cft
TOTAL UNIT WEIGHT = 7320 lbs
CENTER OF GRAVITY (COG_t) = 42.02" (SEE NOTES)

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

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

DRAWN BY	DATE	TITLE:
R FONTANESI	11/2/2017	84" MASS EXTENDER

DWG NO.	REV.
BD-10	01

SCALE: NA	WEIGHT: 5117.25	SHEET 1 OF 1