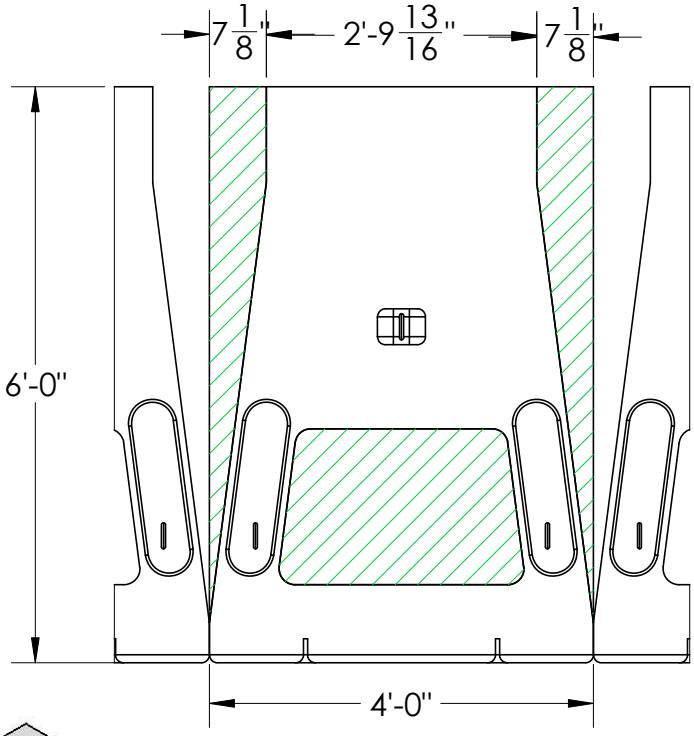
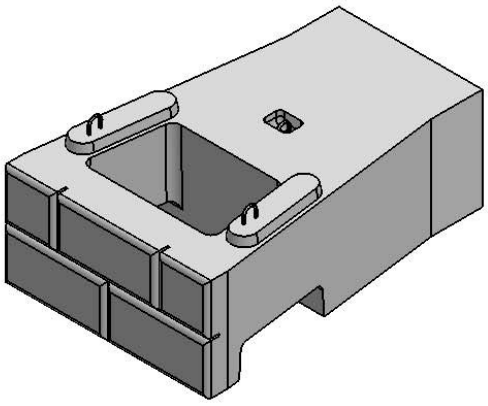
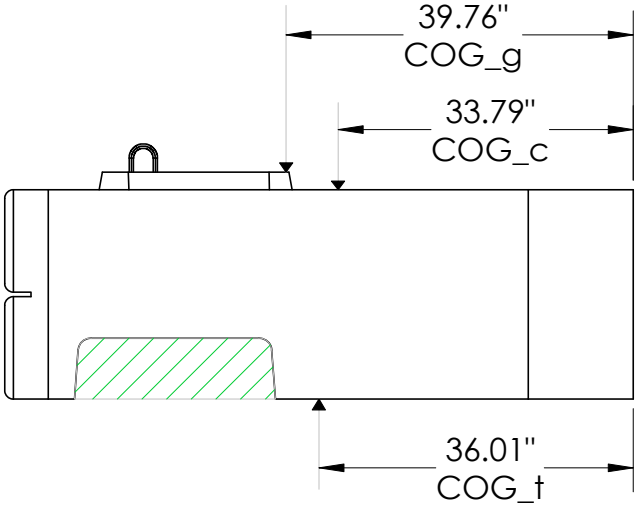
72" MASS EXTENDER BLOCK & GRAVEL INFILL







CONCRETE BLOCK DATA
DESIGN UNIT WEIGHT = 142 pcf
VOLUME = 30.26 cft
BLOCK WEIGHT = 4297 lbs
CENTER OF GRAVITY (COG_c) = 33.79" (SEE NOTES)

GRAVEL INFILL DATA
DESIGN UNIT WEIGHT = 110 pcf
VOLUME = 17.85 cft
GRAVEL INFILL WEIGH = 1964 lbs
CENTER OF GRAVITY (COG_g) = 39.76" (SEE NOTES)

COMBINED UNIT DATA
DESIGN UNIT WEIGHT = (4297 lbs +1964 lbs)/48.11 cft = 130 pcf
VOLUME = 30.26 cft + 17.85 cft = 48.11 cft
TOTAL UNIT WEIGHT = 6261 lbs
CENTER OF GRAVITY (COG_t) = 36.01" (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
R FONTANESI	10/31/2016

TITLE: 72" MASS EXTENDER

DWG NO. BD-12

SCALE: 1: 30

SHEET 1 OF 1