CONCRETE BLOCK DATA
- DESIGN UNIT WEIGHT ($\gamma_c$) = 142 pcf
- VOLUME ($V_c$) = 18.83 cft
- BLOCK WEIGHT ($W_c$) = 2,674 lbs
- CENTER OF GRAVITY (COG_c) = 23.08" (SEE NOTES)

GRAVEL INFILL DATA
- DESIGN UNIT WEIGHT ($\gamma_g$) = 110 pcf
- VOLUME ($V_g$) = 13.17 cft
- GRAVEL INFILL WEIGHT ($W_g$) = 1,449 lbs
- CENTER OF GRAVITY (COG_g) = 25.17" (SEE NOTES)

COMBINED UNIT DATA
- DESIGN UNIT WEIGHT ($\gamma_t$) = (2,674 lbs + 1,449 lbs) / 32 cft = 129 pcf
- VOLUME ($V_t$) = 18.83 cft + 13.17 cft = 32.00 cft
- TOTAL UNIT WEIGHT ($W_t$) = 4,123 lbs
- CENTER OF GRAVITY (COG_t) = 23.82" (SEE NOTES)

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

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