



Proposed 2000 Gal.
Precast Concrete Septic Tank / Pu
E.F. SHEA CONC PRODUCTS (NOT TO SCALE)

DOSE CALCS. CLASS I SOIL (4 BEDROOM)
330/8 + (.16x41) = 48 GAL/DOSE / 11.85 GAL/IN = 4.04" = .34' DOSE
330/11.85 = 27.83" = 2.32' 24HR STORAGE
6" = .5' SUMP
4.25' > .316'

460 GAL. ABOVE ALARM

BOUYANCY CALCS 2000 GALLON

TOTAL UPLIFT 13 x 7 x 6 x 62.4 = 34,070#
EMPTY TANK WEIGHT = 38600#
GROUND COVER 17 x 7 x 1.1 x 120 = 15708 #
TOTAL WEIGHT = 54308 # >48266#
OK

- PUMP & CONTROLS
- 1.) (1) GOULDS MODEL 3887 # WS0311BF
1/3 h.p. 2" DISCHARGE, 115 VOLT PUMP
 - 2.) (1) SIMPLEX PANEL WITH BELL & LIGHT
(INSTALLED IN HOUSE).
 - 3.) (1) WATERPROFF JUNCTION BOX
(INSTALLED IN SEPARATE RISER)
 - 4.) (3) SWITCH LEVEL CONTROLS
 - 5.) (1) BRACKET
 - 6.) (1) 2" CHECKVALVE
 - 7.) (1) 2" UNION
 - 8.) (1) 2" GATE VALVE

- NOTES:
- 1) THE ALARM AND PUMP SHALL BE ON SEPARATE
DEDICATED ELECTRICAL CIRCUITS
 - 2) ELECTRICAL PERMITS ARE REQUIRED
 - 3) ALL WORK SHALL MEET STATE ELECTRICAL CODE.

