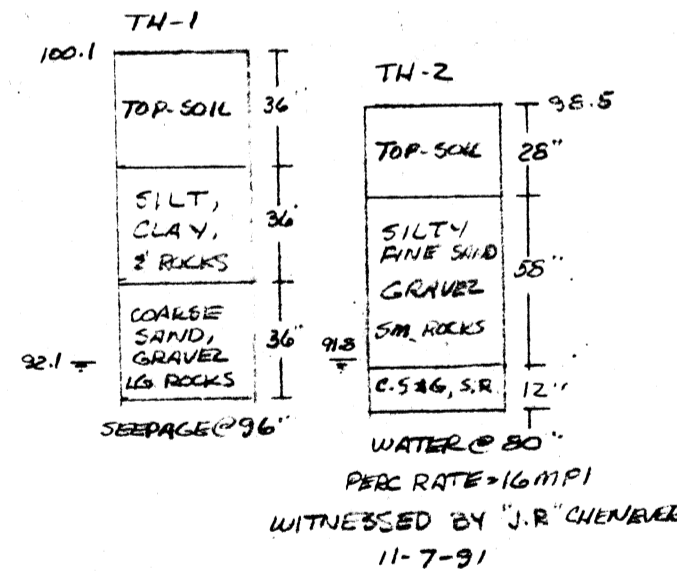


FLOWDIFFUSOR LEACHING SYSTEM  
TYPICAL SECTION  
SCALE 1" = 5'

NOTES:  
REMOVE ALL LOAM & SUB-SOIL FROM LEACHING AREA AND FOR 10 FT ON ALL SIDES.  
BACKFILL AS NEEDED TO EL 98.25 WITH CLEAN COARSE SAND OR GRAVEL.  
CONSTRUCT FLOWDIFFUSOR LEACHING SYSTEM IN THIS PREPARED AREA.  
MAINTAIN MINIMUM FINISH GRADE OF 98.0 FOR 25 FT. ON ALL SIDES OF FLOWDIFFUSOR LEACHING TRENCHES.  
MINIMUM FINISH SLOPE OVER LEACHING AREA ~ 2%

SOIL PROFILE IN TEST HOLES

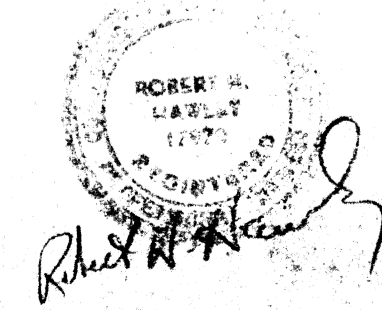


DESIGN CALCULATIONS  
3-BEDROOM HOUSE  
EST. DAILY FLOW = 1.5 x 320 = 495 GPD  
DESIGN PERCOLATION RATE = 20 MPI  
LEACHING CAPACITY OF FLOWDIFFUSOR LEACHING SYSTEM:  
SIDEWALL [(52' x 4') x 5' x 4'] x 2.12 x 0.5 GAL/S.F. = 254 GPD  
BOTTOM (52' x 8') x 2' x 0.33 GAL/S.F. = 275 GPD  
DESIGN LEACHING CAP = 529 GPD  
529 > 495 OK

PERC RATE = 16 MPI  
WITNESSED BY "J.R. CHENBERT"  
11-7-91

--- PRESENT CONTOURS  
- - - PROPOSED CONTOURS  
SURPLUS SOIL FROM SEPTIC SYSTEM CONSTRUCTION IS TO BE SPREAD IN REAR OF LOT, TOPPED WITH 6" LOAM AND COVERED WITH GRASS OR SOD AS WEATHER PERMITS IN SPRING 1992 \* OR OTHER GROUND COVER

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REVISION A 1-31-92

R.H. HAWLEY ENGINEERING CORP., SWANSEA, MA.

AS-BUILT PLAN  
OF  
SEWAGE DISPOSAL SYSTEM  
FOR  
M/M ANGELO PIARI SD-1  
400 PROSPECT ST  
SEEKONK, MA  
SCALE 1" = 20'  
NOVEMBER, 1991