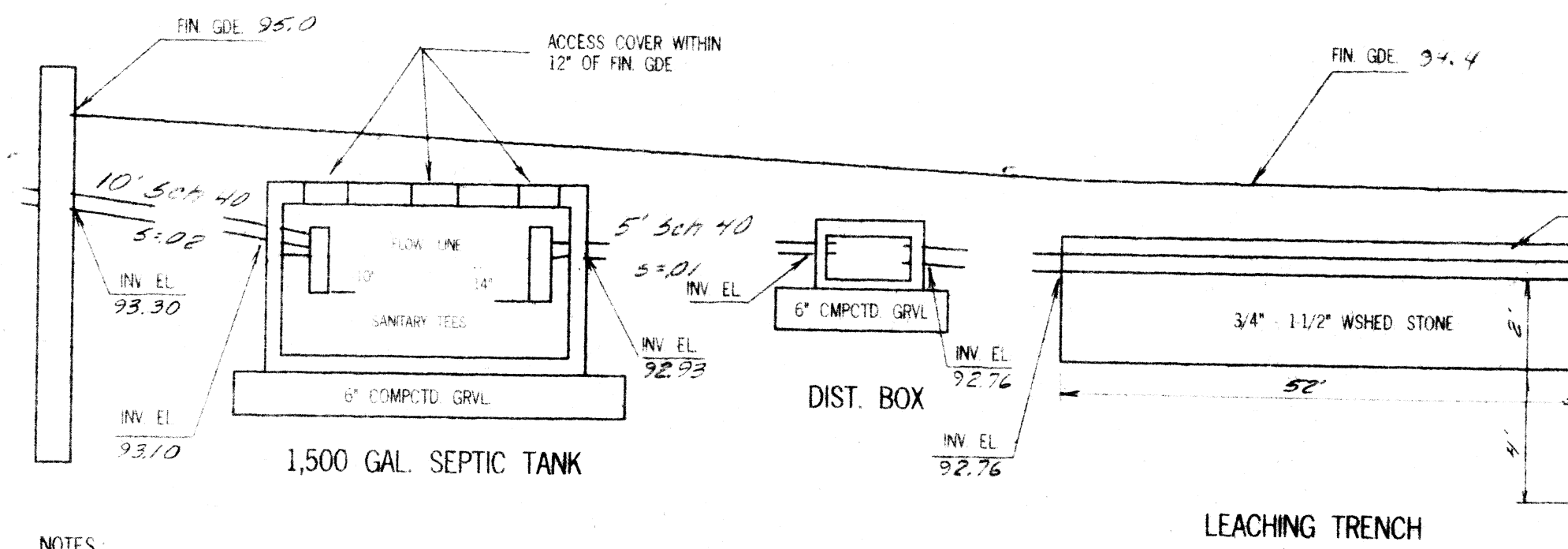
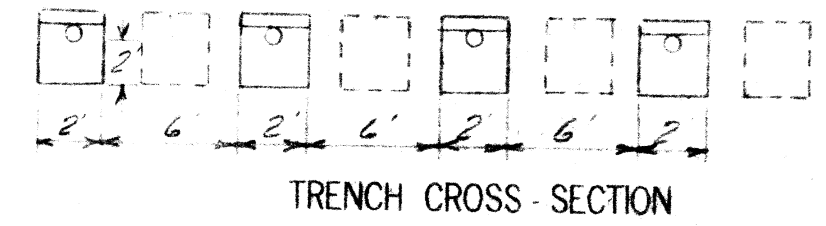


SEPTIC SYSTEM PROFILE (NOT TO SCALE)



- NOTES:**
1. ALL COMPONENTS: ROTONDO PRECAST OR EQUAL
 2. ALL PIPE: 4" PVC SDR 40
 3. MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF TITLE V, MA ENVIRONMENTAL CODE AND THE REQUIREMENTS OF THE SEEKONK BOARD OF HEALTH.



DESIGN DATA

1. DESIGN FLOW: PROPOSED 4 BEDROOM HOUSE, NO GARAGE GRINDER
DESIGN FLOW: 4 BR X 110 GAL/DY / BR = 440 GAL/DY
Seekonk Design Flow 1.5 x 440 = 660 gpd
2. LEACHING AREA: PERCOLATION RATE = 18 MIN./IN. SOIL CLASS 2
PROVIDE 4 LEACHING TRENCHES; 2 WIDE, 52' LONG, 2 EFF. DEPTH
3. LEACHING AREA PROVIDED:
2 SIDEWALL: 52' LRG X 2 HT. X 4 TRENCHES = 832 SQ. FT.
BOTTOM: 52' LRG X 2 WTH X 4 TRENCHES = 416 SQ. FT.
TOTAL AREA PROVIDED = 1248 SQ. FT.
4. CAPACITY: 1248 SQ. FT. X 53 GAL/SF = 661 GAL/DAY

SOIL DATA

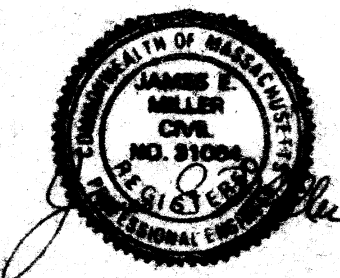
SOIL TESTS CONDUCTED PER 9/1994 BY D. COTTA AMERICAN ENGINEERING WITNESSED BY SEEKONK BOARD OF HEALTH

| | Test Pit I | Test Pit IA |
|--|-----------------------------------|--------------------------------------|
| | 0 - 92.7 | 0 - 91.8 |
| | Topsoil and subsoil | Topsoil and subsoil |
| | 3.7 - 88.9 | 3 - 88.8 |
| | Hard packed silty sand and gravel | Very hard-packed silty sand & gravel |
| | 8.5 - 84.2 | 7 - 84.8 |
| | Packed silty sand and gravel | Hard packed silty sand and gravel |
| | 13 - 79.7 | 15 - 76.8 |
| | Perc. El = 84.7 | |
| | Perc. Rate = 18mp | |
| | Groundwater Monitor Well 103-6.2' | |

I CERTIFY THAT THE LOT SHOWN ON THIS PLAN WAS CIPRIOR TO THE ADOPTION OF CURRENT REGULATIONS. HO THE SEWAGE DISPOSAL SYSTEM SHOWN IS DESIGNED AS AS POSSIBLE IN ACCORDANCE WITH THE PROVISIONS OF MA ENVIRONMENTAL CODE DTD. SEP. 23, 1994, AND THE REGULATIONS OF THE LOCAL BOARD OF HEALTH.

James E. Miller
REG. PROF. ENGINEER
JUN 12
DATE

PLAN OF PROPOSED SEWAGE DISPOSAL
LOT 38C, HAMMOND ST. SEEKONK
PREPARED FOR
DOUGLAS B. & SANDRA I. CRANDALL



PREPARED BY
JAMES E. MILLER
274 ARCADE
SEEKONK, MA, 0
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DATE Jun 1
Rev April