NOTE: FIELDS ARE TO BE ALTERNATED ON SEMIANNUAL BASIS

EXISTING SEPTIC TANK AND PUMP STATION ARE TO BE REMOVED AND REPLACED. SEE SHEET 2 FOR SIZE AND LOCATION OF REPLACEMENT ITEMS.

LEGEND

- SOIL TEST PIT
- PERCOLATION TEST SITE
- EDGE OF PAVEMENT OR WALK
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR

## SOIL DATA

SOIL TEST PITS(BACKHOE EXCAVATED, DEC. 10, 1991)

TP-1, 0"- 6", TOPSOIL
6"-84", SANDY SILT(VARVED/FINE SAND LAYERS) BROWN, MOIST
NO LEDGE TO DEPTH-APPARENT WATER TABLE(MOTTLING) AT 12"+/-

TP-2, 0"- 6", TOPSOIL
6"-66", SILTY SAND, BROWN, MOIST
66"-90", SAND, BROWN, MOIST
90"-102", SILT, GREY MOIST
NO LEDGE TO DEPTH-APPARENT WATER TABLE(MOTTLING) AT 12"+/-

TP-3, 0"- 6", TOPSOIL
6"-96", SANDY SILT, BROWN, MOIST
NO LEDGE TO DEPTH-APPARENT WATER TABLE(MOTTLING) AT 12"+/-
WATER SEEPAGE AT 60"+/-

TP-4, SOIL AS IN TEST PIT NO. 1
NO LEDGE TO DEPTH(96")- APPARENT WATER TABLE(MOTTLING) AT 12"+/-
WATER SEEPAGE AT 60"+/-

TP-5, SOIL AS IN TEST PIT NO. 1
NO LEDGE TO DEPTH(60")-APPARENT WATER TABLE(MOTTLING) AT 12"+/-

PERCOLATION TESTS(JAN. 3, 1991)

| TEST NO. | DEPTH | RATE(MIN./INCH) |
|---|---|---|
| 1 | 32" | 18 |
| 2 | 32" | 5 |
| 3 | 30" | 13 |
| 4 | 36" | 13 |
| 5 | 33" | 20 |
| 6 | 31" | 5 |
| 7 | 30" | 7 |
| 8 | 32" | 13 |

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STATE OF VERMONT WAYNE D. LAWRENCE No. 1973 REGISTERED PROFESSIONAL ENGINEER

REVISED: MAY 9, 1991-WDL

PROJECT NO. 90097 SHEET 1 OF 2 FILED IN 2-58

STATE OF VERMONT
I-89 NORTH BOUND REST AREA
SHARON, VERMONT
SEPTIC SYSTEM DESIGN

WAYNE D. LAWRENCE, P.E.
BARRE, VERMONT

DESIGN: WDL SCALE: 1" = 40' APPROVED: WDL
DRAWN: WDL SURVEY: PSW,KKJ DATE: 4/10/91