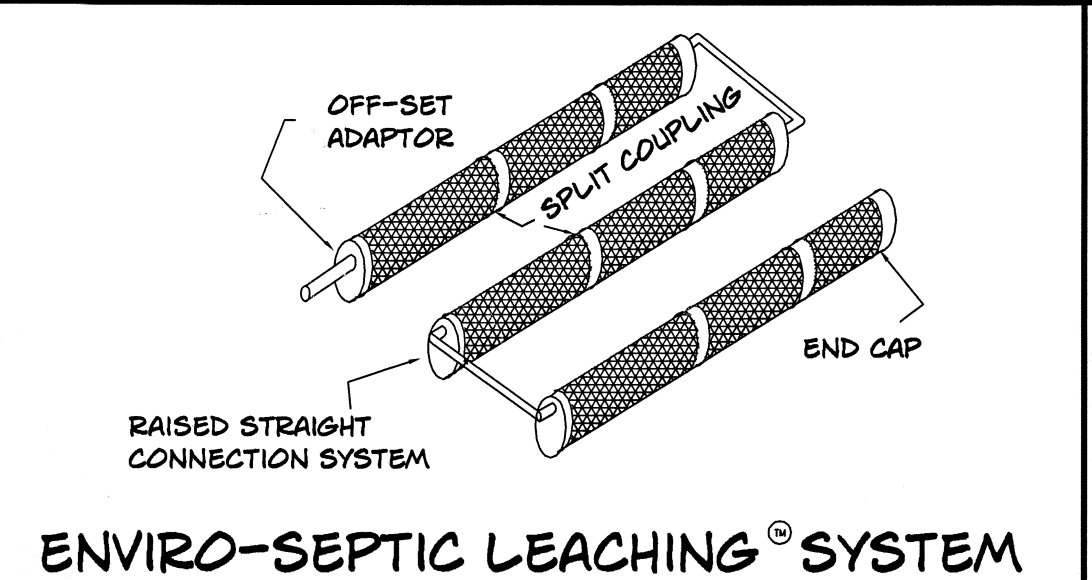
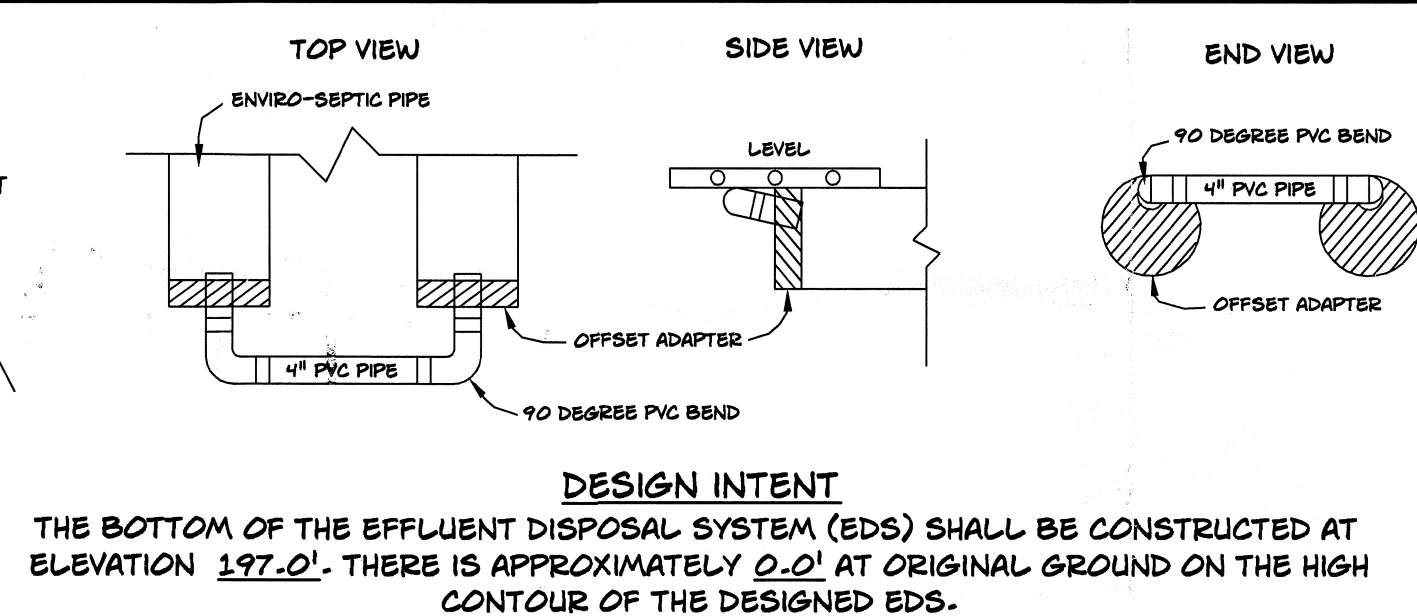
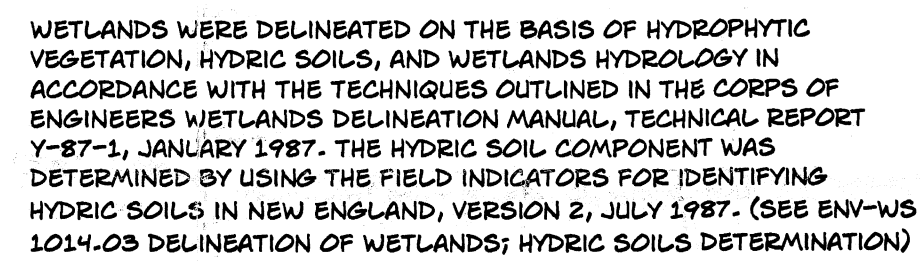


[illegible]

MAINTENANCE

PROPER MAINTENANCE AND CARE ARE REQUIRED FOR SEPTIC SYSTEM TO FUNCTION PROPERLY. THE FOLLOWING ARE SOME ITEMS THAT MAY SHORTEN SYSTEM LIFE:

- SOME WATER SOFTENERS/PURIFIERS
- GARBAGE DISPOSAL UNITS
- EXCESSIVE USE OF WATER
- HOT TUBS
- SOME CLENAERS
- TOXIC CHEMICALS

TANK SHOULD BE INSPECTED AT LEAST ONCE A YEAR AND CLEANED WHEN NECESSARY.

- SEALANT TO BE USED IS PLASTIC CEMENT.
- ENVIRO-SEPTIC PIPES TO BE LAID LEVEL.
- SYSTEM MAY BE REPLACED IN SAME LOCATION IF NECESSARY
- DO NOT INSTALL SYSTEM ON FROZEN GROUND.
- IF SYSTEM HAS AN EXISTING BUILDING, ALL INSIDE PLUMBING MUST BE CHECKED BEFORE INSTALLATION.

BEFORE INSTALLATION, INSTALLER MUST VERIFY ALL ELEVATIONS AND DISTANCES. IF SYSTEM HAS EXISTING BUILDINGS, ALL PLUMBING ELEVATIONS MUST BE CHECKED.

CONTACT DESIGNER IF ANY DISCREPANCIES ARE FOUND.

ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS ARE APPROVED BY NHDES AS ITA IN ACCORDANCE WITH PART ENV-NWS 1024. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH THE ENVIRO-SEPTIC & SIMPLE SEPTIC LEACHING SYSTEMS DESIGN AND INSTALLATION MANUAL AND THE ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS DESIGN AND INSTALLATION MANUAL. NEW HAMPSHIRE STATE ATTACHMENT.

ALL CONFIGURATIONS OF ENVIRO-SEPTIC REQUIRE A MINIMUM OF 6" OF SYSTEM SAND SURROUNDING THE CIRCUMFERENCE OF THE PIPE. THIS SAND, TYPICALLY GRAVELLY COARSE SAND, MUST ADHERE TO THE FOLLOWING PERCENTAGE AND QUALITY RESTRICTIONS:

PERCENTAGE RESTRICTIONS:
35% OR LESS OF THE TOTAL SAND MAY BE GRAVEL.
40% - 90% OF THE TOTAL SAND IS TO BE COARSE AND VERY COARSE SAND.

GRAVEL QUALITY RESTRICTIONS:
NO GRAVEL IS TO EXCEED $\frac{3}{8}$ " IN DIAMETER.
NO GRAVEL IS SMALLER THAN 2MM/0.0787" IN DIAMETER. (IT MUST NOT PASS THROUGH A #10 SIEVE.)

COARSE SAND QUALITY RESTRICTIONS:
NO COARSE SAND IS SMALLER THAN 0.5MM/0.0196" IN DIAMETER. (IT MUST NOT PASS THROUGH A #35 SIEVE.)

FINES QUALITY RESTRICTIONS:
NO MORE THAN 2% OF THE TOTAL SAND MAY PASS THROUGH A #200 SIEVE.

ASTM STANDARD: C-33 (CONCRETE SAND) MEETS THE ABOVE REQUIREMENTS.

SYSTEM REQUIREMENTS

4 BEDROOMS HOUSE = 600 GPD
14 SEAT ICE CREAM SHOP = 14 SEATS X 20 GPD/SEAT = 280 GPD
70 PERSON BAKERY = 70 PERS X 3 GPD/PERS = 210 GPD
3 DRIP WELLS = 100 GPD/DRIP WELL = 300 GPD

DAILY FLOW VOLUME: 1390 GPD

TANK VOLUME NEEDED: 1000 GAL GREASE TRAP + 2000 GAL SEPTIC TANK
+ 1250 PUMP TANK

763 LINEAR FEET OF ENVIRO-SEPTIC PIPE REQUIRED.
800 LINEAR FEET OF ENVIRO-SEPTIC PIPE USED.

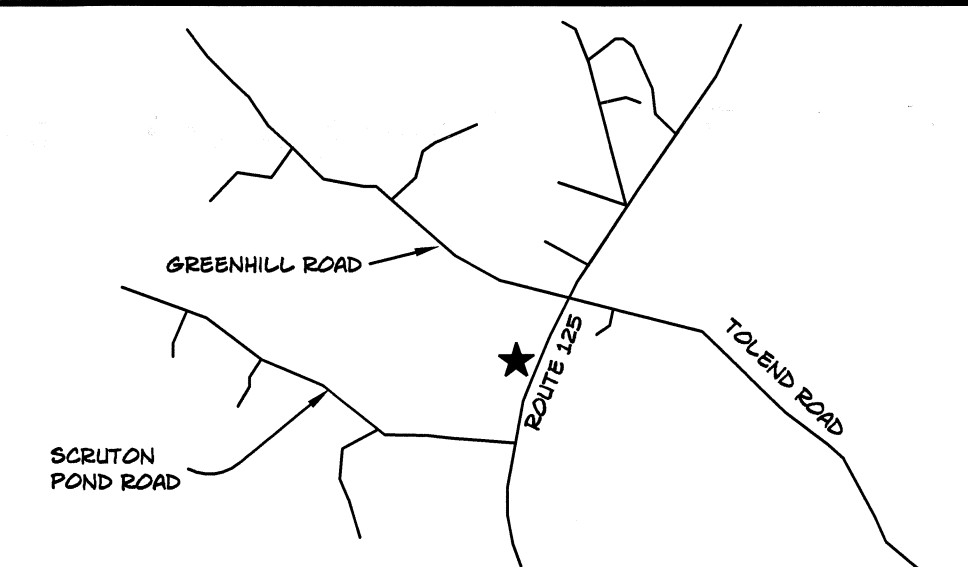
PERCOLATION TEST DATA

DATE: JUNE 2006 RATE: 6 MINUTES PER INCH @ 24 INCHES

TEST PIT DATA

0-6	10YR 3/3 SANDY LOAM
6-24	10YR 6/6 SAND, SINGLE GRAIN
24-48	10YR 5/4 SAND, GRANULAR, FRIABLE
48-60"	2.5Y 5/2 SAND

SHWT @ 40" REDOX
WATER @ 48" SOILS DATA - WDA WINDSOR LOAMY SAND; 0-3 % SLOPE

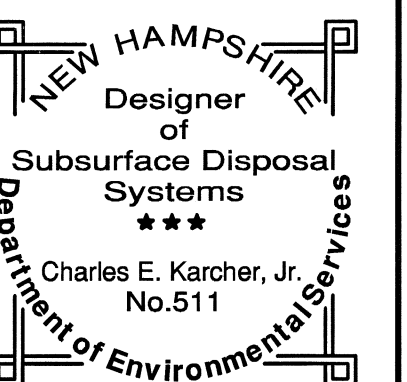


LOCATION MAP (NOT TO SCALE)

PROPOSED SEPTIC SYSTEM

ROUTE 125
BARRINGTON, NH
FOR
THOMAS EMMERLING
1"=20' NOVEMBER, 2006

NORWAY PLAINS ASSOCIATES, INC.
P.O. BOX 249
ROCHESTER, NH 03866



GRAPHIC SCALE

20' 0' 10' 20' 40'

1 INCH = 20 FT.

FILE NO. 194
PLAN NO. SS 1128
DWG. NO. 06088/SSD-2
F.B. NO. #

NORWAY PLAINS ASSOCIATES, INC.