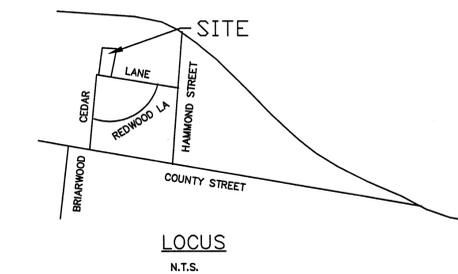
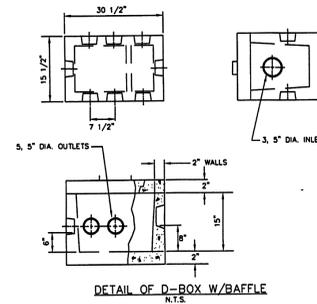
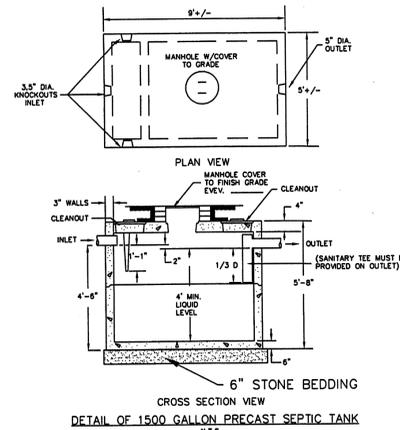
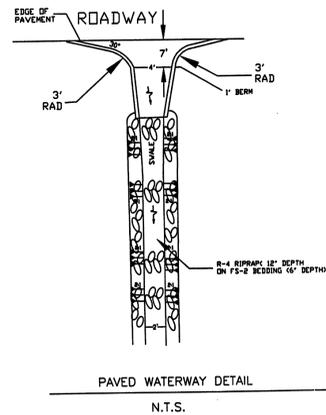
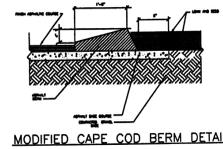
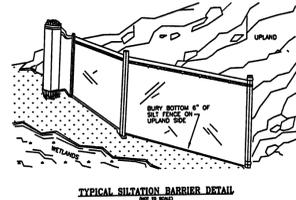


- LEGEND**
- EXISTING SEWER MANHOLE
 - EXISTING WATER GATE
 - EXISTING HYDRANT
 - EXISTING UTILITY POLE
 - EXISTING DRAINAGE MANHOLE
 - PROPOSED WATER LINE
 - PROPOSED SEWER LINE
 - PROPOSED DRAINAGE LINE
 - PROPOSED CATCH BASIN
 - PROPOSED DRAINAGE MANHOLE
 - PROPOSED SEWER MANHOLE
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - WETLAND FLAGS
 - LIMITS OF WETLANDS
 - PROPOSED RIP-RAP
 - PROPOSED CONCRETE MONUMENTS
 - PROPOSED SILTFENCE/HAYBALES (LIMIT OF DISTURBANCE)
 - LIMITS OF 100 FOOT BUFFER
 - PROPOSED UTILITY EASEMENT LINE
 - PROPOSED BUILDING SETBACK LIMITS
 - G.W.T. GROUND WATER TEST HOLE
 - S.D.P. WETLANDS SOIL DATA PLOT



GENERAL NOTES

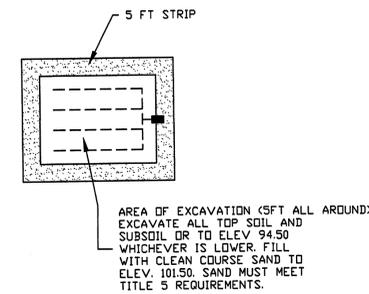
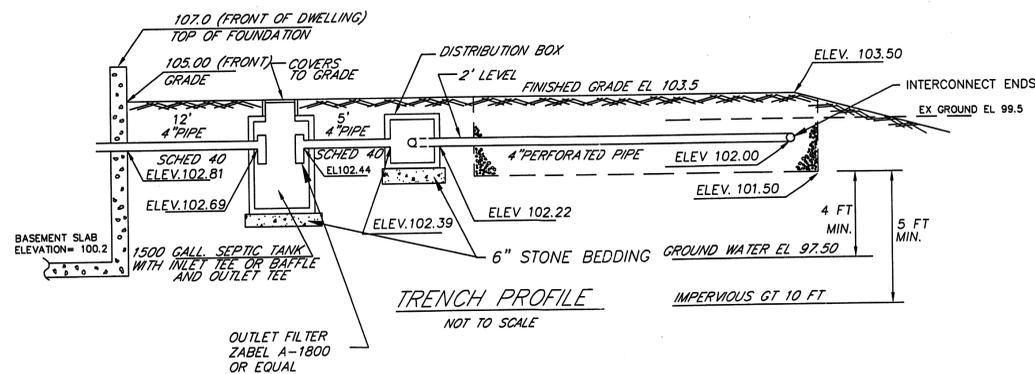
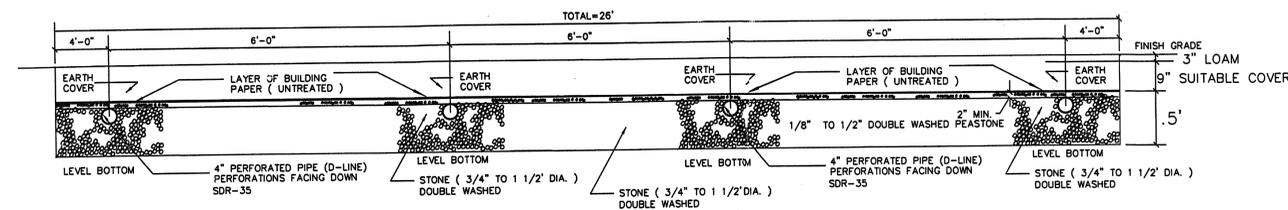
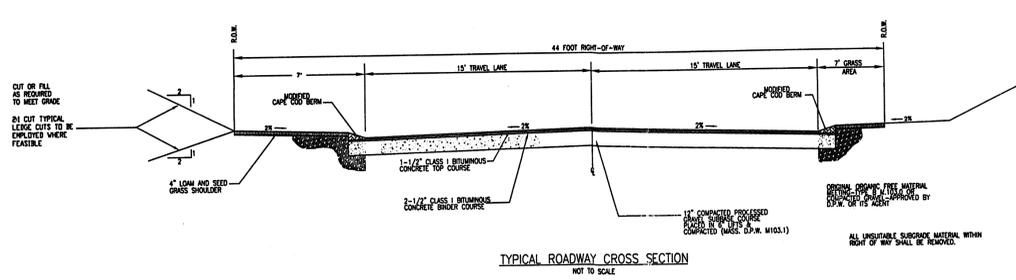
1. 5 FEET ON ALL SIDES AND LEACHING AREA AS WELL MUST BE STRIPPED OF TOPSOIL, UNDESIRABLE MATERIAL, AND SOIL CONTAINING FINES TO A SPECIFIED DEPTH AND BOTTOM OF EXCAVATION SCARIFIED AND BACK-FILLED WITH CLEAN COARSE GRAVEL. REMOVAL OF TREES AND BRUSH SHOULD EXTEND TO 10 FEET BEYOND ALL SIDES OF LEACHING AREA.
2. SEWER LINE TO BE 4" CAST IRON BETWEEN BUILDING AND SEPTIC TANK LINE. BETWEEN TANK AND D-BOX TO BE 4" POLYVINYL CHLORIDE OR EQUIVALENT OR CAST IRON.
3. NO PUBLIC SEWER LINE WITHIN 200 FEET OF PROPERTY LINES (UNLESS SHOWN). NO WELL OR DRAIN (EXISTING OR PROPOSED) IS WITHIN 200 FEET OF PROPOSED OR ALTERNATE AREA (UNLESS SHOWN) DRINKING WATER LINE IS WITHIN 25 FEET OF PROPOSED LEACHING SYSTEM. NO EXISTING SEWER DISPOSAL SYSTEM IS WITHIN 100 FEET OF PROPOSED WELL (UNLESS SHOWN).
4. DISTRIBUTION PIPES FROM D-BOX TO THE LEACHING AREA SHALL HAVE CLOSED JOINTS AND TO BE SDR-35 OR EQUAL.
5. NO EDGE OF ANY BANK WITHIN 25 FEET SLOPING TO AN ELEVATION LOWER THAN 102.00, THE INVERT OF THE DISTRIBUTION LINES.
6. D-BOX SHOULD BE A MINIMUM SIZE OF 3 SQ. FT AND TO BE H-20 LOADING WITH MARKER SET TO GRADE.
7. NO SUBSURFACE FOUNDATION OR STORM DRAINS SHALL BE WITHIN 25 FEET OF DISPOSAL SYSTEM UNLESS SHOWN.
8. SANITARY TEES TO BE INSTALLED IN SEPTIC TANK. SEPTIC TANK SHALL HAVE FRAME AND COVER SET TO FINISH GRADE.
9. THE SURFACE AREA OVER THE SUBSURFACE DISPOSAL SYSTEM SHALL BE GRASSED. NO VEHICULAR PARKING OR TRAFFIC SHALL BE ALLOWED OVER THE SEEPAGE SYSTEM AND IF PAVEMENT IS TO BE NEAR THE PROPOSED LEACHING SYSTEM, A PROTECTIVE BERM IS TO BE PLACED AROUND THE SYSTEM, IN THE AREA OF THE PAVEMENT.
10. NO PUBLIC WELL (EXISTING OR PROPOSED) IS WITHIN 500 FEET OF PROPOSED OR ALTERNATE AREA (UNLESS SHOWN).
11. TREES, BRUSH AND STUMPS SHALL BE REMOVED FOR AN AREA OF AT LEAST 25 FT AROUND LEACHING FACILITY.
12. NO GARBAGE GRINDER PERMITTED FOR THIS SYSTEM.

LOT AREA = 33.50 AC
 ASSESSORS PLAT NO. 1 LOT NO. 287
 SUBDIVISION NAME _____
 SUBDIVISION LOT NO. _____
 BENCH MARK LOCATION AND ELEVATION:
 PK NAIL SET EDGE OF PAVEMENT ELEVATION 100.00 FEET

TEST HOLE INFORMATION		DESIGN DATA	
TEST PIT A	PERC. RATE: 30 MIN./INCH	TOP OF SYSTEM	103.50
0'-7" Ap SL 10YR2/1	DESIGN RATE: 30 MIN./INCH	BOTTOM OF SYSTEM	101.50
7"-30" Bw SL 10YR5/8	LEACHING AREA SIZE: 1138 S.F.	INV. END OF PIPE	102.60
30"-98" Ccl SILTLOAM 2.5Y5/4	4 LINES, 26" WIDE, 44" LONG	INV. START OF PIPE	102.22
98"-144" Ccl SL 2.5Y5/1		INV. OUT OF D-BOX	102.42
DEPTH TO PERC 52'		INV. IN D-BOX	102.39
DEPTH TO WATER TABLE 30'		INV. OUT SEPTIC TANK	102.44
TEST HOLE DUG ON: 10/29/02		INV. IN SEPTIC TANK	102.59
TEST PIT 2		INV. OUT OF BUILDING	102.81
0'-7" Ap SL 10YR2/1		TOP OF FOUNDATION	107.0
7"-33" Bw SL 10YR5/6			
33"-108" Ccl SILTLOAM 2.5Y5/4			
108"-158" Ccl SL 2.5Y5/1			
DEPTH TO PERC 60'			
DEPTH TO WATER TABLE 27'			
TEST HOLE DUG ON: 10/29/02			
CLASS 3 SOIL, RATE OF APPLICATION = .29 GAL/SF/DAY		LEDGE ELEVATION: 87.0 (GT 12.5 FT DEPTH)	
DAILY FLOW = 330 GALS/DAY		WATER TABLE ELEVATION: 97.5 AT TEST PIT G	
		SEPTIC TANK DESIGN	
		DAILY FLOW = 330 GALLONS X 2 = 660 GALLONS	
		1500 GALLON GT 660 GALLONS	

CONSTRUCTION SEQUENCE NOTES

1. PRIOR TO ANY EXCAVATION ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH PLANS AND TOWN OF SEEKONK REQUIREMENTS.
2. ALL S & E DEVICES ARE SUBJECT TO INSPECTION BY THE ENGINEER AND THE TOWN OF SEEKONK CONSERVATION PERSONNEL AND SHALL BE REPAIRED MAINTAINED, REPLACED AND OTHERWISE AUGMENTED DEPENDING ON WEATHER AND CONSTRUCTION PHASING.
3. DEVICES SHALL REMAIN IN PLACE UNTIL ALL AREAS NOT DESIGNATED TO BE PAVED ARE STABILIZED.
4. ALL DISTURBED AREAS NOT DESIGNATED TO BE PAVED SHALL BE LOAMED AND SEEDED WITH CONSERVATION MIX.
5. CONTRACTOR SHALL NOTIFY DIG-SAFE AT LEAST 72 HOURS IN ADVANCE OF ANY EXCAVATION.
6. THE ENGINEER SHALL COMPLETE AS-BUILT PLAN OF IMPROVEMENTS AND SUBMIT PLAN TO COMPLY WITH CERTIFICATION OF CONFORMANCE TO TOWN OF SEEKONK ORDER OF CONDITIONS.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONSTRUCTION AT LEAST 72 HOURS IN ADVANCE OF ALL ACTIVITY SO PROPOSED IMPROVEMENTS CAN BE INSPECTED AND VERIFIED FOR COMPLIANCE.



NORTHWEST
 ENGINEERING SERVICES, LLC
 14 WEST STREET
 E. DOUGLAS, MA 01516
 (508) 476-1137



NO.	DATE	DESCRIPTION	BY

PROPOSED SEPTIC SYSTEM PLAN
 AND CEDAR LANE EXTENSION
 A.P. 10, LOT 287
 SEEKONK, MA
 MAY, 2004

JOB #
 DRAWING # 2 OF 2