



PROPOSED SEWAGE DISPOSAL SYSTEM

LOCATION: LOT 462 SAGAMORE ROAD SEENOK, MA

APPLICANT: KEITH COREIA, 89 ANNA COURT, SEENOK, MA

PREPARED BY: MILLER ENGINEERING, 21 BROOK STREET, SEENOK, MA 02771, Phone / Fax (508) 761-1790, MARCH 22, 1999

REVISION: 11-6-99

CHECKED

SOIL DATA

SOIL TEST PERFORMED DECEMBER 4, 1997 BY DAN MONIZ AND WITNESSED BY J.R. CHEMNERET OF THE SENIOR BOARD OF HEALTH. PERC. TEST PERFORMED BY W. ROUTE AND WITNESSED BY J.R. CHEMNERET ON OCTOBER 29, 1998.

TEST PIT 1	TEST PIT 2
36.1' - 0"	34.2' - 0"
FILL	FILL
PERC. RATE = 25 MPD	PERC. RATE = 19 MPD
PERC. DEPTH = 35" (4.2')	PERC. DEPTH = 25" (3.0')
G.W. DEPTH = 48" (6.0')	G.W. DEPTH = 48" (6.0')

NOTES

- ALL COMPONENTS SHALL BE ROTOMONO PRECAST OR EQUIV.
- ALL PIPE SHALL BE 4" SCH 40 PVC.
- MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF TITLE V MASS ENVIRONMENTAL CODE AND THE REQUIREMENTS OF THE LOCAL BOARD OF HEALTH.
- ALL TOPSOIL, SUBSOIL AND UNSATURATED MATERIAL SHALL BE REMOVED TO A MINIMUM OF 10 FEET FROM THE PERIMETER OF THE PROPOSED SOIL ABSORPTION SYSTEM AND FROM BEHIND THE SOIL ABSORPTION SYSTEM TO AN ELEVATION OF 1/2' ABOVE THE NATURAL OCCURRING PERVIOUS MATERIALS OR UNTIL NATURALLY OCCURRING PERVIOUS MATERIAL IS OBTAINED PER 310 CMR 15.00 AND THE LOCAL B.O.H. OFFICE. AFTER THE EXCAVATION IS COMPLETE THE LOCAL B.O.H. OFFICE SHALL BE NOTIFIED AS PER 310 CMR 15.23(1) AND THE LOCAL B.O.H. OFFICE.
- ALL UTILITIES SHOWN ARE OBTAINED FROM BEST AVAILABLE INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR FOR EXACT ELEVATION AND LOCATION PRIOR TO CONSTRUCTION OF THE PROPOSED SEWAGE DISPOSAL SYSTEM.
- THIS PLAN IS DESIGNED TO MAINTAIN FEASIBLE COMPLIANCE AS PER SEC. 15.00 AND 15.06 OF THE MASS SANITARY CODE.
- ALL CHANGES AND VARIATIONS FROM THIS PLAN MUST BE APPROVED, IN WRITING, BY BOTH MILLER ENGINEERING AND THE LOCAL BOARD OF HEALTH (Conservation Commission).

DESIGN DATA

1. DESIGN FLOW: PROPOSED 4 BEDROOM HOUSE, NO GARAGE GRINDER
DESIGN FLOW: 4 BEDROOM x 110 GAL/DAYR = 440 GAL/DAY

2. LEACHING AREA: PERCOLATION RATE = 25 MLN./IN. SOIL CLASS 2
PROVIDE: LEACHING FIELD: 24' WIDE, 43' LONG, 4" DEEP

3. LEACHING AREA PROVIDED:
BOTTLE: 43' LNS. x 24' WIDE = 1032 SQ. FT.
TOTAL AREA PROVIDED = 1118 SQ. FT.

4. CAPACITY: 1118 SQ. FT. x .10 GAUSE = 111.8 GAL/DAY

FIELD CROSS-SECTION