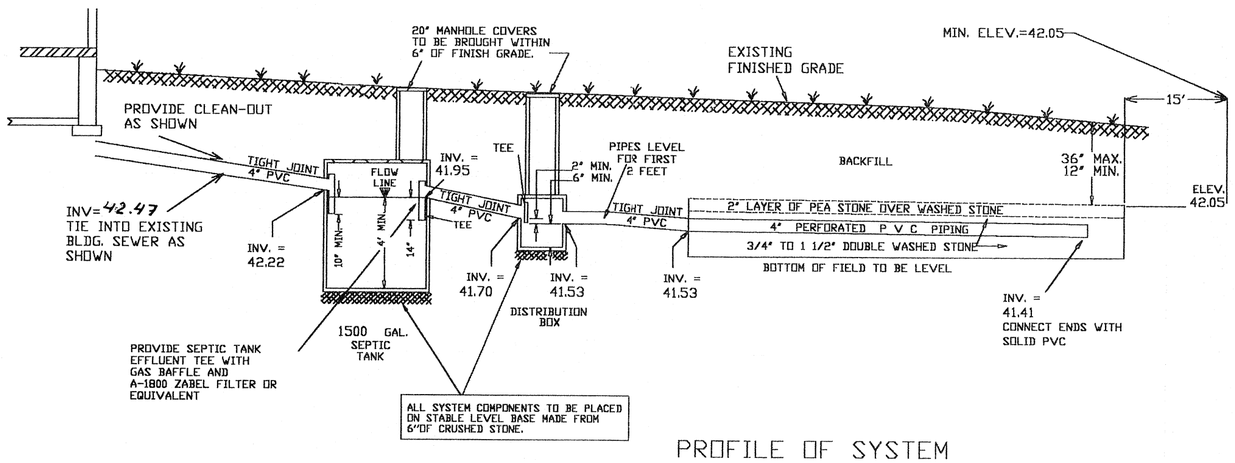
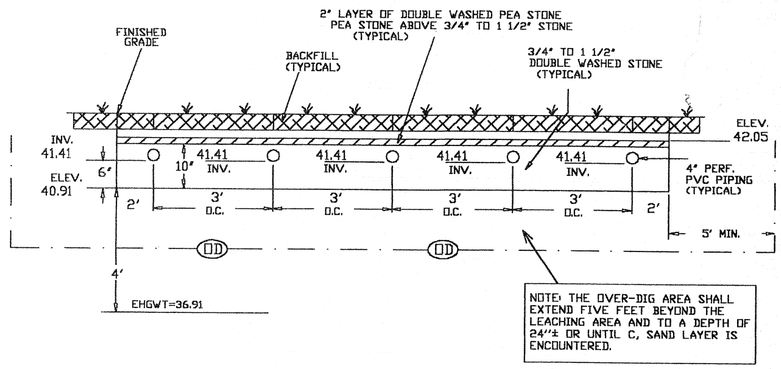


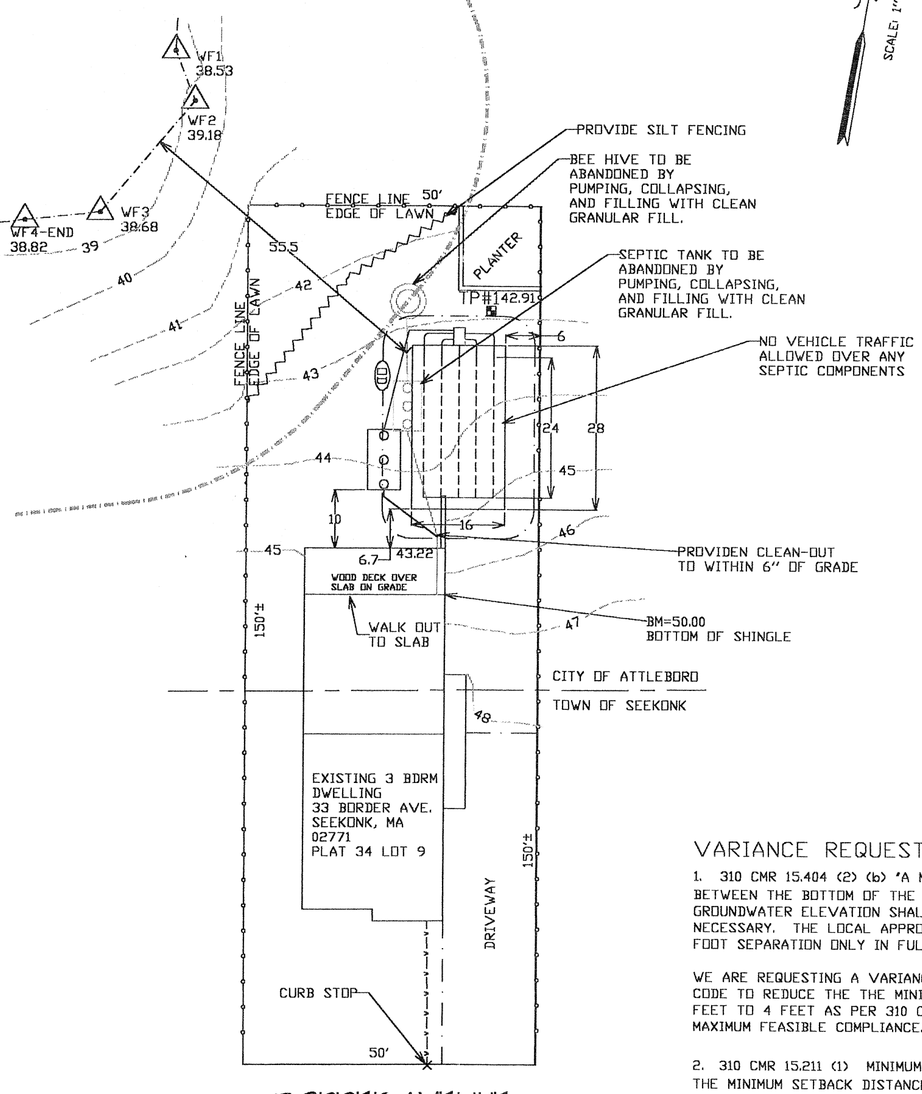
PROFILE OF SYSTEM
NOT TO SCALE



END SECTION THROUGH LEACH FIELD
NOT TO SCALE

CONSTRUCTION NOTE:

OSD engineering & associates TO BE NOTIFIED BY THE INSTALLING CONTRACTOR AT THE START OF CONSTRUCTION AND TO BE GIVEN 24 HOUR NOTICE FOR AS-BUILT.



VARIANCE REQUESTS:

1. 310 CMR 15.404 (2) (b) "A MINIMUM OF FIVE FEET OF SEPARATION BETWEEN THE BOTTOM OF THE SOIL ABSORPTION SYSTEM AND THE HIGH GROUNDWATER ELEVATION SHALL BE PROVIDED, USING FILL IF NECESSARY. THE LOCAL APPROVING AUTHORITY MAY ALLOW A FOUR FOOT SEPARATION ONLY IN FULL COMPLIANCE WITH 310 CMR 15.405 (1)(i)."

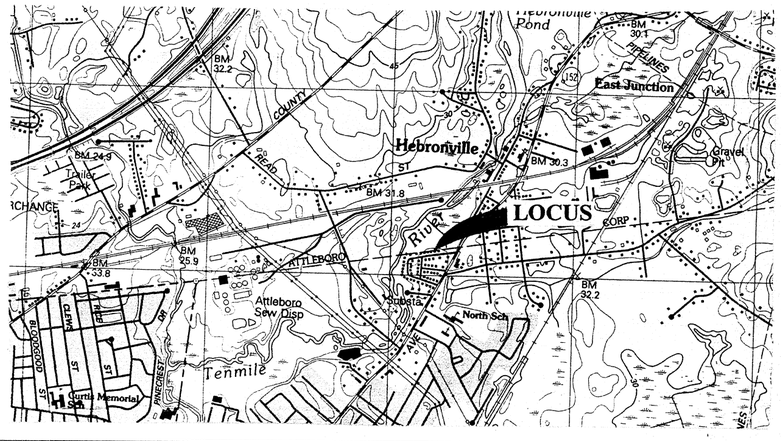
WE ARE REQUESTING A VARIANCE FROM TITLE 5 OF THE STATE SANITARY CODE TO REDUCE THE THE MINIMUM GROUNDWATER SEPARATION FROM 5 FEET TO 4 FEET AS PER 310 CMR 15.404, APPROVALS FOR UPGRADES TO MAXIMUM FEASIBLE COMPLIANCE.

2. 310 CMR 15.211 (1) MINIMUM SETBACK DISTANCES "ALL SYSTEMS MUST CONFORM TO THE MINIMUM SETBACK DISTANCE FOR SEPTIC TANKS AND SOIL ABSORPTION SYSTEMS"

WE ARE REQUESTING A VARIANCE TO REDUCE THE SETBACK FOR THE SAS TO THE SIDE PROPERTY LINE FROM 10 FEET TO 6 FEET AND FOR THE SAS TO A SLAB FROM 10 FEET TO 6.7 FEET.

NOTE: THIS PLAN DOES NOT REPRESENT A PROPERTY BOUND SURVEY.

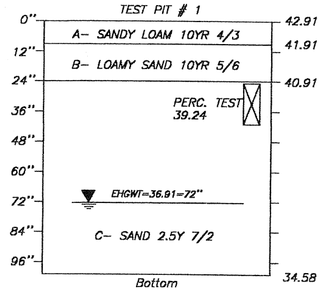
LOCUS MAP



TEST PIT LOG

NOT TO SCALE

Date Excavated: 1/9/03
Logged by: DEAN MONSEES
Observed by: HAROLD CHENEVERT, Jr.
Board of Health: SEEKONK
Geologic Material: OUTWASH
Landform: OUTWASH PLAIN
PERCOLATION RATE: <2mpi



GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE SEEKONK BOARD OF HEALTH RULES AND REGU TITLE 5, THE STATE ENVIRONMENTAL CODE.
2. THIS PLAN IS TO BE USED FOR THE CONST THE DESIGN DISPOSAL SYSTEM AND DOES NOT ACTUAL AS BUILT CONDITIONS UNLESS OTHER
3. THE PROPOSED SYSTEM SHOWN HEREON IS FOR THE USE OF A GARBAGE DISPOSAL AND S NOT ALLOWED.
4. THE SEPTIC TANK SHOULD BE PUMPED OUT TWO YEARS DEPENDING ON USE.
5. ALL BASE AGGREGATE FOR LEACHING STRU CONSIST OF DOUBLE WASHED STONE FREE OF AND DUST IN PLACE.
6. TIGHT JOINT PIPING TO CONSIST OF POLYV PIPE (PVC) SCHEDULE 40, UNLESS OTHERWISE
7. NO PERMANENT STRUCTURE MAY BE CONSTR THE SEPTIC SYSTEM AREA.
8. BEFORE BEGINNING ANY EXCAVATION OR DE "DIG SAFE" AT 1-888-344-7233 TO NOTIFY M UTILITIES.
9. THE GRADE ABOVE AND ADJACENT TO THE FACILITY SHALL BE SLOPED TO PREVENT THE OF SURFACE DRAINAGE (2% MINIMUM SLOPE).
10. THE OVER-DIG AREA (DD) AS SHOWN HERED STRIPPED OF ALL TREES, BRUSH, STUMPS, TO OR OTHER IMPERVIOUS MATERIALS. THE (DD) A 5 FEET HORIZONTALLY AROUND THE PROPOSEI TO THE DEPTH SPECIFIED. THE REPLACEMENT SHALL MEET SPECIFICATIONS OF 310 CMR 15.2 STATE ENVIRONMENTAL CODE.
11. ANY SOILS ASSOCIATED WITH EXISTING FA FACILITIES SHALL BE REMOVED AND REPLACE MATERIAL MEETING SPECIFICATIONS OF 310 CM THE STATE ENVIRONMENTAL CODE.
12. THERE SHALL BE NO BACK FILLING PRIOR ENGINEERING AND BOARD OF HEALTH INSPECT APPROVAL.
13. THE FINISHED GRADE OVER SEPTIC SYSTE GRADED, LOAMED, AND SEEDED.

DESIGN CALCULATIONS

FLOW: SIZE FOR 3 BEDROOMS
(3bdrm)X(110gpd/bdrm) = 330 gpd 660 PEAK

SEPTIC TANK:
NEW 1500 GAL. TANK > 660

LEACHING FIELD:
RATE = (1/.74) sf/gpd FOR PERC = <2mpi CL
MINIMUM SIZE: (330gpd)X(1/.74)sf/gpd) = 44
USE 16' x 28' = 448 sf > 446 sf

LEGEND

DEEP OBSERVATION HOLE TP#1
DISTRIBUTION BOX
SEPTIC TANK
EXISTING CONTOU
EXISTING SPOT
LIMIT OF WETLAN
WETLAND SETBAC

REVISIONS

DATE DESCRIPTION

SEWAGE DISPOSAL SYSTEM RE

LOT NUMBER: 9
AREA OF LOT: 7,500sf+/-
LOT ADDRESS: 33 BORDER AVENUE
IN
SEEKONK, MA

PREPARED FOR:
DENISE FORTIN
17 PHELPS STREET
MARLBORO, MA

SCALE: AS SHOWN
DATE: JANUARY 10, 2003

DESIGNED BY: DRM
JOB NO: 03-103
FILE: 33BORDER.dwg

OSD engineering
CIVIL ENGINEERS
45 ASTRAL AVENUE
RIVERSIDE, R.I. 029
(401) 438-6216