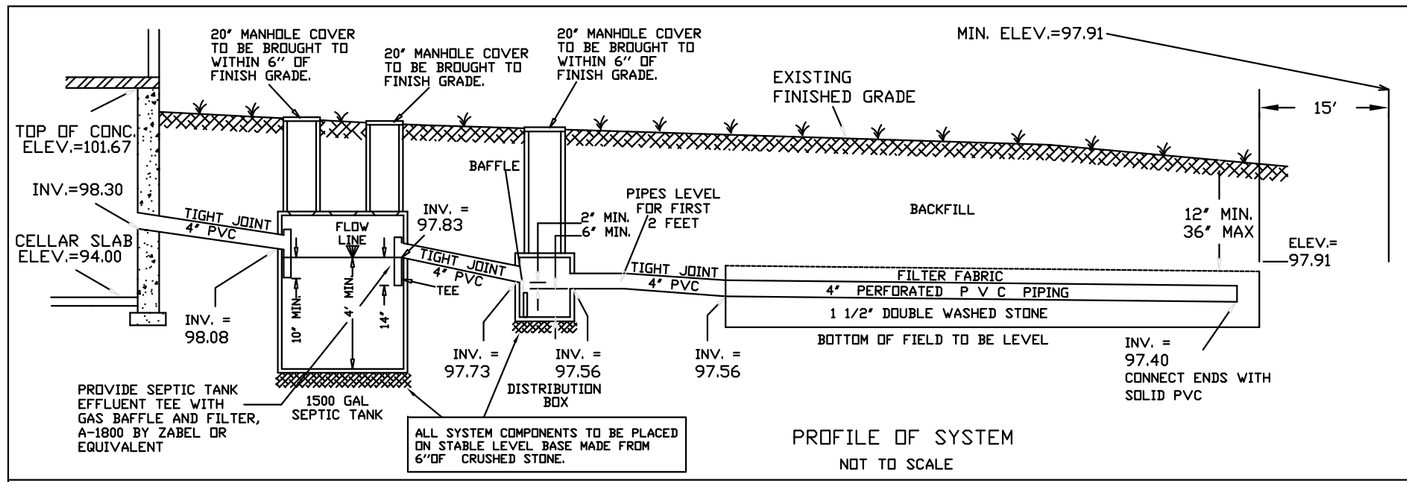
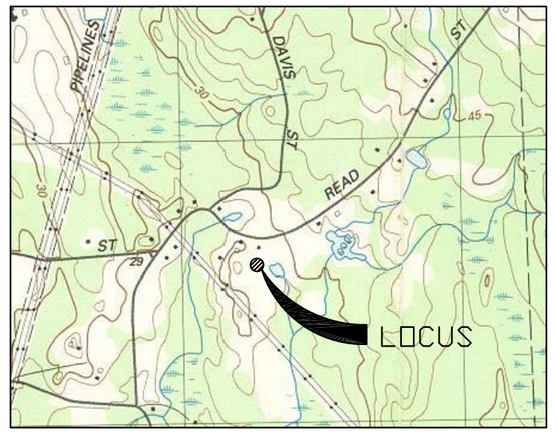
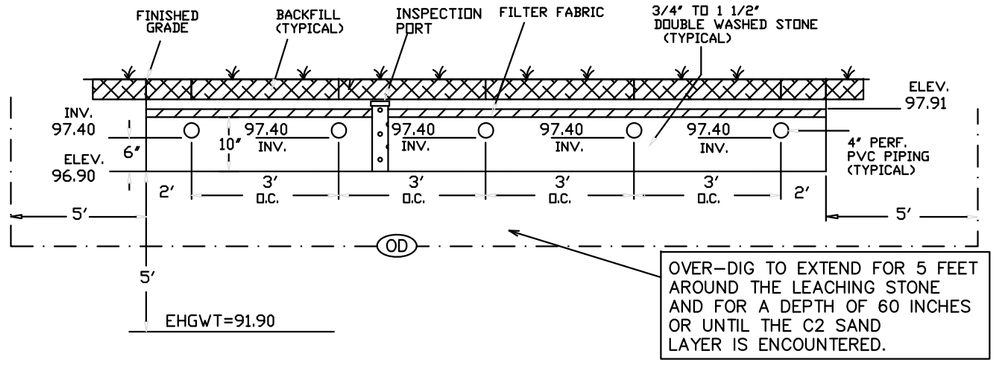


PROFILE OF SYSTEM

NOT TO SCALE

LOCUS MAP



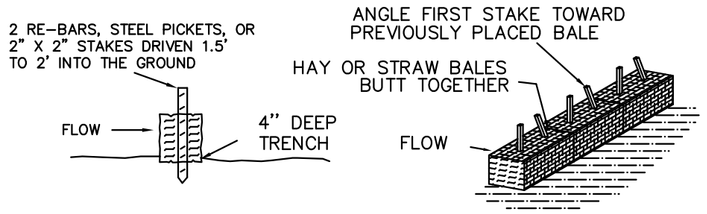


END SECTION THROUGH LEACH FIELD

NOT TO SCALE

EROSION & SEDIMENTATION CONTROL

1.) ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
2.) HAY BALES SHOULD BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
3.) NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
4.) ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOAMED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
5.) APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFF SITE FROM CONSTRUCTION EQUIPMENT.
6.) ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE PROPERLY MAINTAINED AND MUST REMAIN IN PLACE UNTIL THE SOILS HAVE BEEN STABILIZED TO THE SATISFACTION OF THE ENGINEER AND THE SEEKONK CONSERVATION COMMISSION.



STAKED HAY BALES (NOT TO SCALE)

ANCHORING DETAIL

CONSTRUCTION NOTE:

1) OSD systems associates, Inc. TO BE NOTIFIED BY THE INSTALLING CONTRACTOR AT THE START OF CONSTRUCTION AND TO BE GIVEN 24 HOUR NOTICE FOR AS-BUILT.
2) A GARBAGE DISPOSAL IS NOT APPROVED FOR USE FOR THIS SEPTIC SYSTEM.

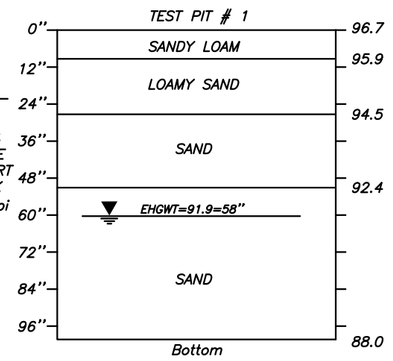
I CERTIFY THAT THERE ARE NO WELLS WITH IN 100 FEET OF THE PROPOSED LEACHING FACILITY AND THAT THERE ARE NO LEACHING FACILITIES WITH IN 100 FEET OF THE PROPOSED WELL.

I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT AND THERE IS NO WATER SERVICE AVAILABLE FOR THIS LOT

TEST PIT LOG

NOT TO SCALE

Date Excavated: 6/15/04
Logged by: R. BELLAVANCE
Observed by: H. CHENEVERT
Board of Health: SEEKONK
DESIGN PERC. RATE: 10mpi



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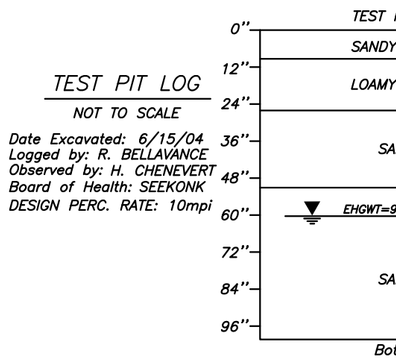
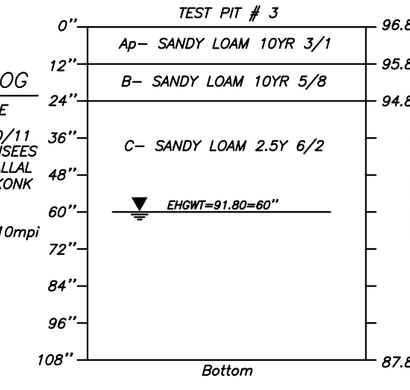


TEST PIT LOG

NOT TO SCALE

Date Excavated: 2/10/11
Logged by: DEAN MONSEES
Observed by: BETH HALLAL
Board of Health: SEEKONK
Geologic Material: TILL
Landform: MORAINE
DESIGN PERC. RATE: 10mpi



TEST PIT LOG

NOT TO SCALE

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Logged by: DEAN MONSEES
Observed by: BETH HALLAL
Board of Health: SEEKONK
Geologic Material: TILL
Landform: MORAINE
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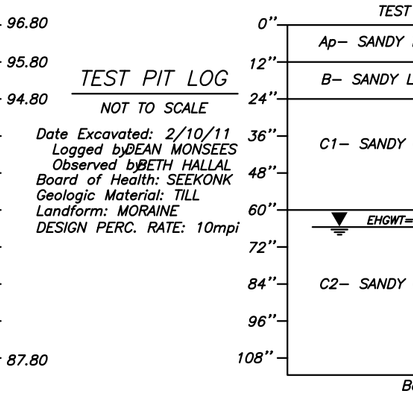
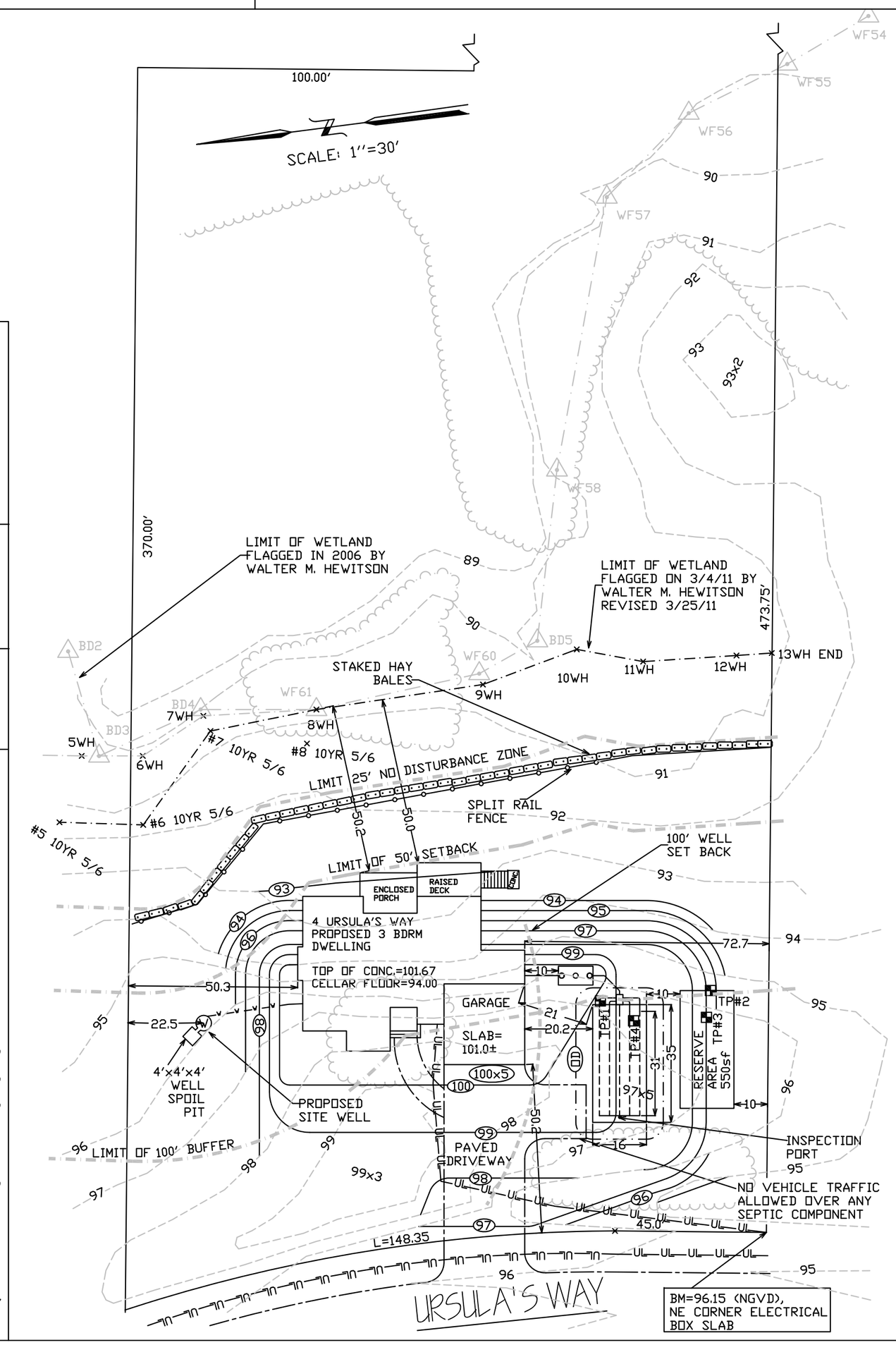


NOTE: THIS PLAN DOES NOT REPRESENT A PROPERTY BOUNDARY SURVEY.



GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
2. THIS PLAN IS TO BE USED FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM. THIS PLAN DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE NOTED.
3. THE PROPOSED SYSTEM SHOWN HEREON IS NOT DESIGNED FOR THE USE OF A GARBAGE DISPOSAL AND SAID USE IS NOT ALLOWED.
4. THE SEPTIC TANK SHOULD BE PUMPED OUT EVERY ONE TO TWO YEARS DEPENDING ON USE.
5. ALL BASE AGGREGATE FOR LEACHING STRUCTURES SHALL CONSIST OF 3/4" TO 1 $\frac{1}{2}$"DOUBLE WASHED STONE FREE OF IRON, FINES, AND DUST IN PLACE.
6. TIGHT JOINT PIPING TO CONSIST OF POLYVINYL CHLORIDE PIPE (PVC) SCHEDULE 40, UNLESS OTHERWISE NOTED.
7. NO PERMANENT STRUCTURE MAY BE CONSTRUCTED OVER THE SEPTIC SYSTEM AREA.
8. BEFORE BEGINNING ANY EXCAVATION OR DEMOLITION CALL "DIG SAFE" AT 1-888-344-7233 TO NOTIFY MEMBER UTILITIES.
9. THE GRADE ABOVE AND ADJACENT TO THE LEACHING FACILITY SHALL BE SLOPED TO PREVENT THE ACCUMULATION OF SURFACE DRAINAGE (2% MINIMUM SLOPE).
10. THE OVER-DIG AREA, (OD) IF SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT, OR OTHER IMPERVIOUS MATERIALS. THE (OD) AREA EXTENDS 5 FEET HORIZONTALLY AROUND THE PROPOSED SYSTEM AND TO THE DEPTH SPECIFIED. THE REPLACEMENT MATERIAL SHALL MEET SPECIFICATIONS OF 310 CMR 15.255 OF THE STATE ENVIRONMENTAL CODE.
11. ANY SOILS ASSOCIATED WITH EXISTING FAILED LEACHING FACILITIES SHALL BE REMOVED AND REPLACED WITH MATERIAL MEETING SPECIFICATIONS OF 310 CMR 15.255 OFTHE STATE ENVIRONMENTAL CODE.
12. THERE SHALL BE NO BACK FILLING PRIOR TO ENGINEERING AND BOARD OF HEALTH INSPECTION AND APPROVAL.
13. INSPECTION PORT TO BE 4"øPERFORATED WITH SCREW TYPE CAP INSTALLED TO WITHIN 3"OF FINAL GRADE.
14. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED
15. THE FINISHED GRADE OVER SEPTIC SYSTEM SHALL BE GRADED, LOAMED, AND SEEDED.

DESIGN CALCULATIONS

FLOW: 3BEDROOM SINGLE FAMILY DWELLING
(3bdrm)X(110gpd/bdrm) = 330 gpd -- 660 PEAK

SEPTIC TANK:
1500 GAL TANK > 660 GAL

LEACHING FIELD:
RATE = (1/.60) sf/gpd FOR PERC =10mpi CLASS II SOIL
MINIMUM SIZE: (330gpd)X(1/.60)sf/gpd) = 550sf
USE LEACHING FIELD 16'x35'=560sf

LEGEND

DEEP OBSERVATION HOLE TP#1
DISTRIBUTION BOX
SEPTIC TANK
HAY BALE
NEW WETLAND LINE/FLAG 8WH
WETLAND SETBACKS
EXISTING SPOT GRADE 47x38
EXISTING CONTOUR 90
PROPOSED SPOT GRADE 100x5
PROPOSED CONTOUR GRADE 100
WATER LINE
UTILITY LINES UL UL UL UL
WELL W
WELL SETBACK

REVISIONS

DATE	DESCRIPTION
3/28/11	PER CONSERVATION COMMISSION COMMENTS, 3/23/11

SITE DEVELOPMENT & SEWAGE DISPOSAL SYSTEM PLAN

LOT NUMBER: 44 AREA OF LOT: 1.82 ac PLAT NO.: 23
LOT ADDRESS: 4 URSULA'S WAY
IN
SEEKONK, MA 02771

PREPARED FOR:
JEANNE DURHAM
406 PROSPECT STREET
SEEKONK, MA 02771

SCALE: AS SHOWN
DATE: 2/11/11

DESIGNED BY: DRM
JOB NO: 11-101
FILE: 4URSULAS.dwg

OSD systems associates, Inc.
45 ASTRAL AVENUE
RIVERSIDE, R.I. 02915
(401) 438-6216
OSD