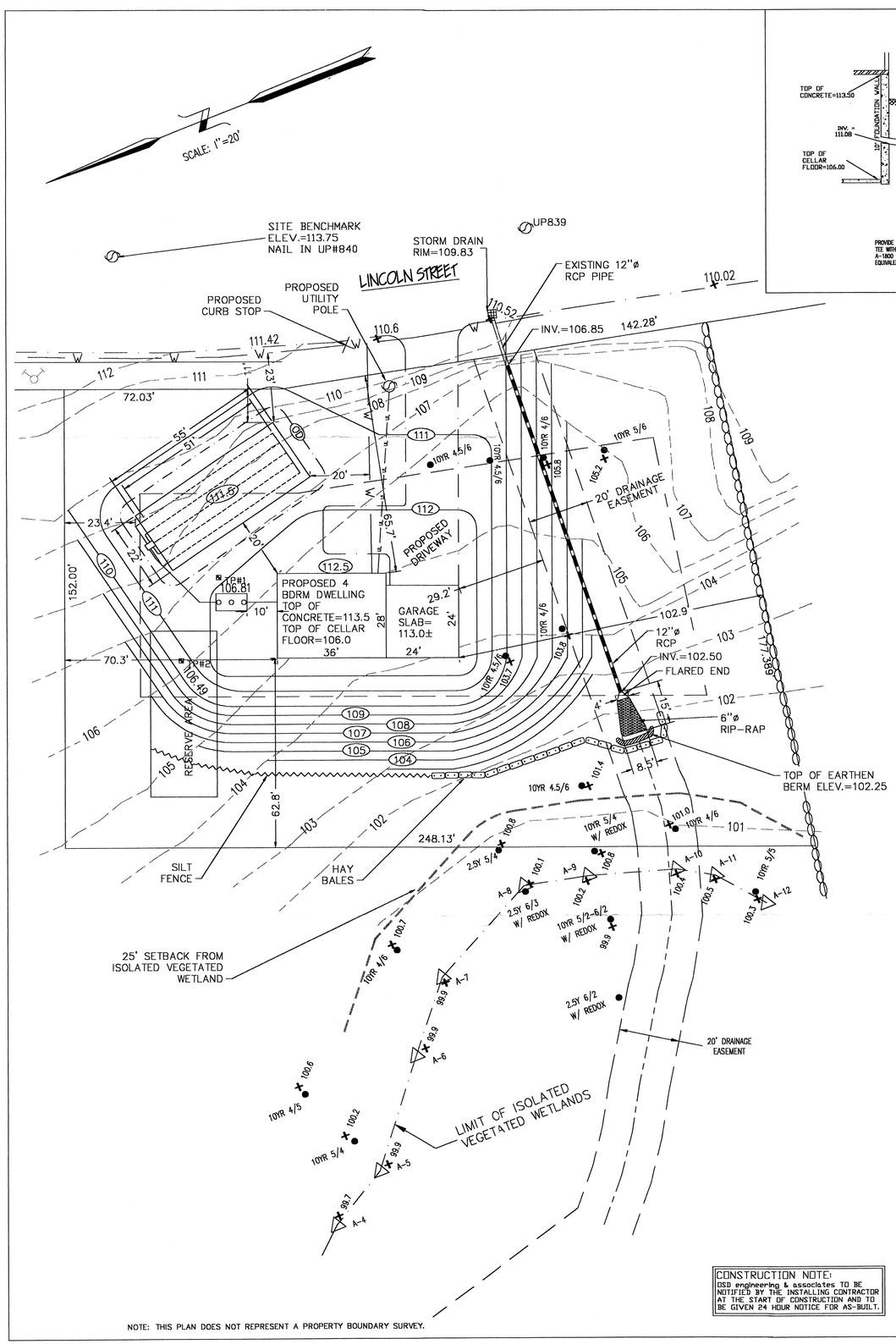
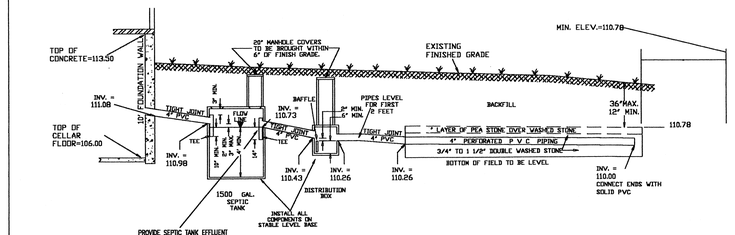
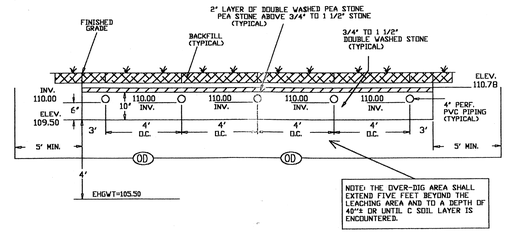




PROFILE OF SYSTEM
NOT TO SCALE

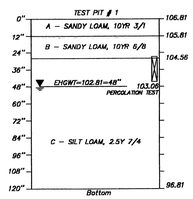


END SECTION THROUGH LEACH FIELD
NOT TO SCALE

TEST PIT LOG

NOT TO SCALE

Date Excavated: 9/26/02
Logged by: DEAN MONSEES
Observed by: HAROLD CHENEVERT, Jr.
Board of Health: SEEKONK
Geologic Material: TILL
Landform: DRUMLIN
Design Percolation Rate: 15mpi



TEST PIT LOG

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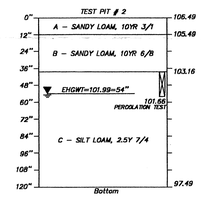
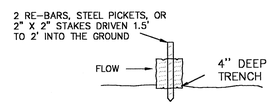
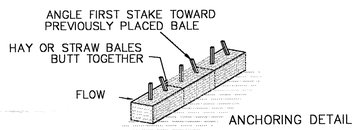




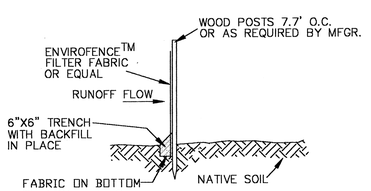
CROSS SECTION

STAKED HAY BALES
(NOT TO SCALE)



ANCHORING DETAIL

STAKED HAY BALES
(NOT TO SCALE)



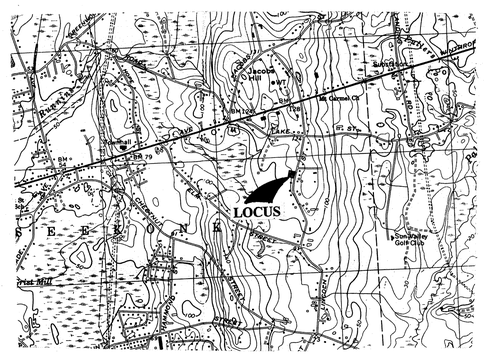
CROSS SECTION

SILT FENCE
(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 WORK IS TO OCCUR ON THE WETLAND SIDE OF THE PERIMETER EROSION AND SEDIMENTATION CONTROLS. ALL PERIMETER CONTROLS SERVE AS THE PROJECT LIMIT OF DISTURBANCE.
4.) NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
5.) ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOAMED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
6.) APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFF SITE FROM CONSTRUCTION EQUIPMENT.
7.) 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.

LOCUS MAP:



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 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) AS 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. THERE SHALL BE NO BACK FILLING PRIOR TO ENGINEERING AND BOARD OF HEALTH INSPECTION AND APPROVAL.
12. THE FINISHED GRADE OVER SEPTIC SYSTEM SHALL BE GRADED, LOAMED, AND SEEDED.
13. THE CELLAR FLOOR ELEVATION SHOWN HAS BEEN SUGGESTED AS A MINIMUM BASED ON OBSERVED GROUNDWATER TABLE INDICATORS. SINCE THE GROUNDWATER LEVELS FLUCTUATE ANNUALLY, NO WARRANTY OF A DRY CELLAR IS EXPRESSED OR IMPLIED.

DESIGN CALCULATIONS

FLOW:
(4bdrm)X(110gpd/bdrm) = 440 gpd 880 PEAK

SEPTIC TANK:
NEW 1500 GAL. TANK > 880

LEACHING FIELD:
RATE = (1/.37) sf/gpd FOR PERC = 15mpi CLASS III SOIL
MINIMUM SIZE: (440gpd)X(1/.37)sf/gpd) = 1190 sf
USE 22' x 55' = 1210 sf > 1190 sf

LEGEND

TEST PIT
DISTRIBUTION BOX
SEPTIC TANK
WATER LINE — W —
OVER-DIG — OD —
PERFORATED PIPE
HAY BALES
SILT FENCE
UTILITY LINE — UTL —
EXISTING SPOT GRADE 110.52
EXISTING CONTOUR 91
PROPOSED SPOT GRADE 46.3
PROPOSED CONTOUR 50
LIMIT OF WETLANDS A-11
LIMIT OF WETLAND SETBACK
SOIL SAMPLE POINTS 2.5Y 5/4

Received
NOV 1 8 2002
Con. Comm.

REVISIONS

DATE DESCRIPTION

SITE DEVELOPMENT & SEWAGE DISPOSAL SYSTEM PLAN

LOT: 134 AREA OF LOT: 36,938SF MAP: 16

LOT ADDRESS: LINCOLN STREET
IN
SEEKONK, MASS.
PREPARED FOR:
ROBERT DROHAN
63 DROHAN COURT
SEEKONK, MA 02771

SCALE: AS SHOWN
DATE: 11/7/02

DESIGNED BY: DRM
JOB NO: 02-163
FILE: LINCOLNNEW.dwg

COMMONWEALTH OF MASSACHUSETTS
NICOLE M. LETENDRE
No. 39182
REGISTERED
PROFESSIONAL ENGINEER

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45 ASTRAL AVENUE
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(401) 438-6216