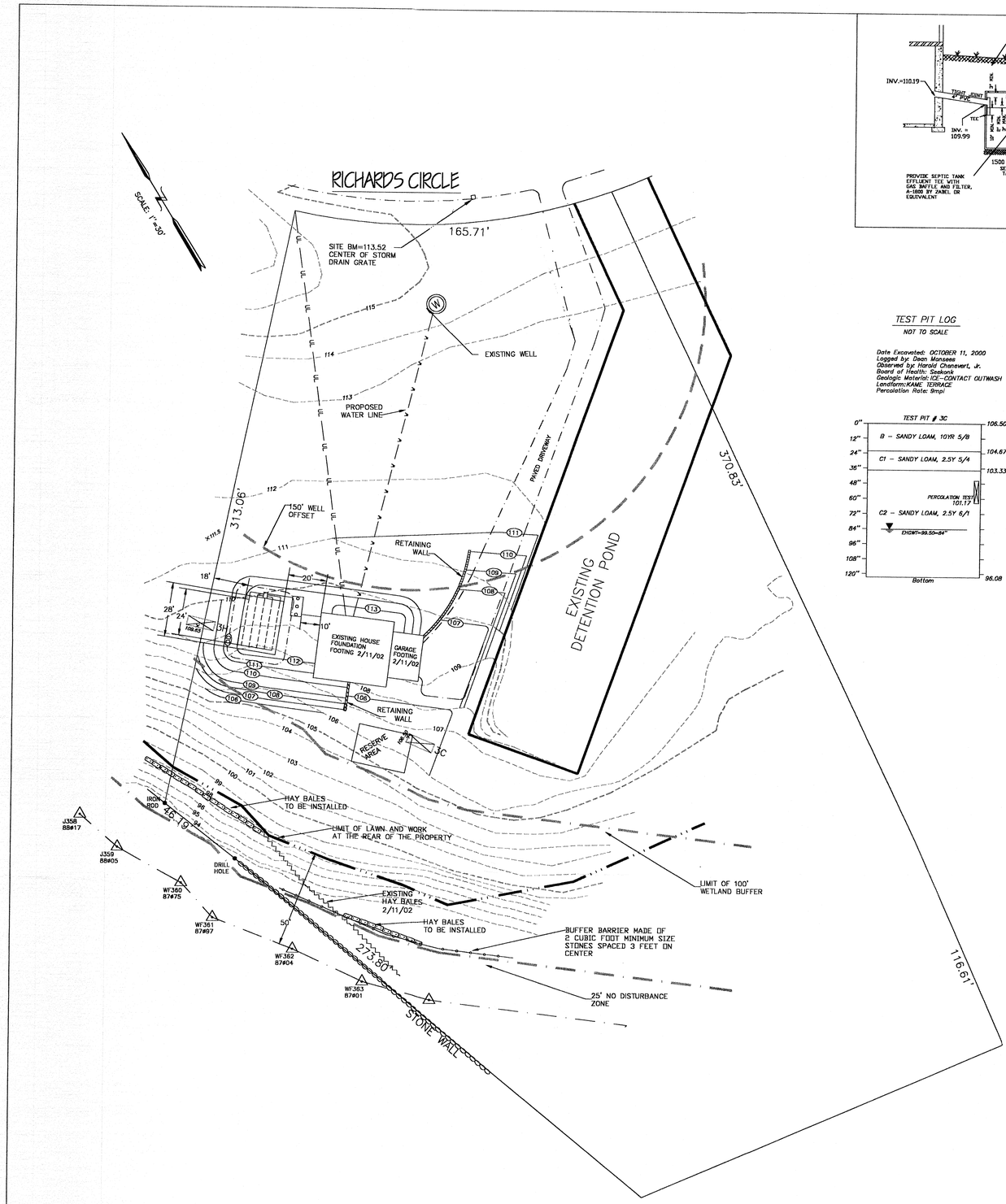
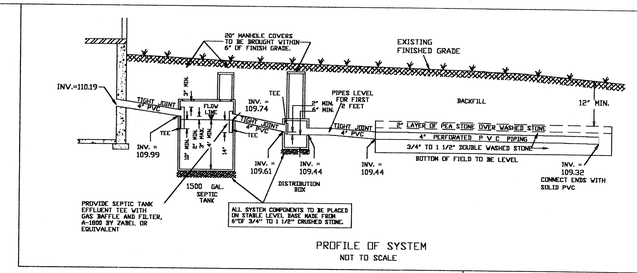
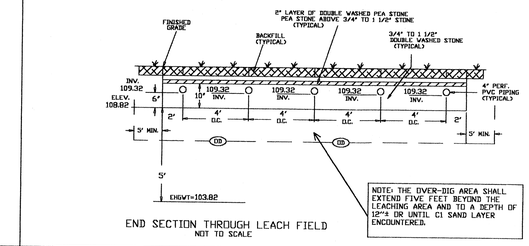


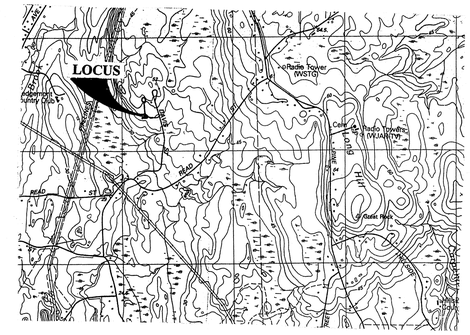


PROFILE OF SYSTEM
NOT TO SCALE



END SECTION THROUGH LEACH FIELD
NOT TO SCALE

LOCUS MAP:



TEST PIT LOG

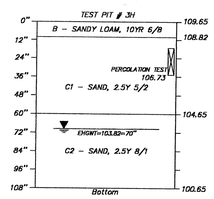
NOT TO SCALE

Date Excavated: OCTOBER 11, 2000
Logged by: Dean Monsees
Observed by: Harold Chenevert, Jr.
Board of Health: Seekonk
Geologic Material: ICE-CONTACT OUTWASH
Landform: KAME TERRACE
Percolation Rate: 9mpi

TEST PIT LOG

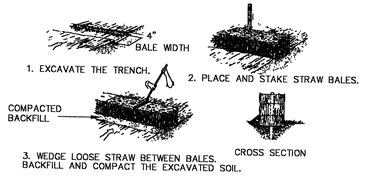
NOT TO SCALE

Date Excavated: APRIL 27, 2000
Logged by: Dean Monsees
Observed by: Harold Chenevert, Jr.
Board of Health: Seekonk
Geologic Material: ICE-CONTACT OUTWASH
Landform: KAME TERRACE
Percolation Rate: <2mpi



EROSION & SEDIMENTATION CONTROL

1.) ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
2.) ACCESSIBLE RESERVES OF HAY BALES AND STAKES ARE TO BE MAINTAINED ON SITE FOR ROUTINE MAINTENANCE AND IN THE EVENT OF UNANTICIPATED PROBLEMS REQUIRING EMERGENCY RESPONSE.
3.) HAY BALES SHOULD BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
4.) 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.
5.) NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
6.) ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOAMED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
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 REHOBOTH CONSERVATION COMMISSION.



HAY BALE DETAIL n.t.s.

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 ONLY FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM AND 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 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 CONSTRUCTION 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. IF SOILS ASSOCIATED WITH FAILED LEACHING SYSTEMS ARE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR SHALL REMOVE AND REPLACE WITH CLEAN GRANULAR MATERIAL MEETING THE SPECIFICATIONS OF 310 CMR 15.255(3).
11. THE OVER-DIG AREA (DD) AS SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT OR OTHER IMPERVIOUS MATERIALS. THE (DD) 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.
12. WATER TABLES FLUCTUATE ANNUALLY. NO GUARANTEE OF A DRY CELLAR IS EXPRESSED OR IMPLIED.

DESIGN CALCULATIONS

FLOW:
(3bdrm)X(110gpd/bdrm) = 330 gpd - 660 PEAK

SEPTIC TANK:
1500 GAL. TANK > 660

LEACHING FIELD:
RATE = (1/.60)sf/gpd FOR PERC 9 MINS/IN CLASS II SOIL
MINIMUM SIZE: (330gpd)X(1/.60)sf/gpd) = 550 sf
USE 20'X28' = 560 sf > 550 sf

LEGEND

TEST PIT
DISTRIBUTION BOX
SEPTIC TANK
WATER LINE — W — W —
WETLAND FLAG WF362 87#04
LIMIT OF WETLAND BUFFERS
EXISTING CONTOUR 47
EXISTING SPOT GRADE X=115.5
PROPOSED CONTOUR 47
UTILITY LINE — UL —
EXISTING HAY BALES
PROPOSED HAY BALES
STONE BUFFER BARRIER
LIMIT OF WORK

REVISIONS

DATE	DESCRIPTION
2/12/02	SHOW LIMIT OF WETLAND WITH ASSOCIATED BUFFERS

SITE DEVELOPMENT & SEWAGE DISPOSAL SYSTEM PLAN

SUBDIVISION LOT NUMBER: 3 AREA OF LOT: 135,822sf PLAT NO: 26

LOT ADDRESS: RICHARD CIRCLE
IN
SEEKONK, MASS.

PREPARED FOR:
JAMES POLAND
39 WINTERBERRY LANE
SEEKONK, MA 02771

SCALE: AS SHOWN
DATE: DECEMBER 3, 2001

DESIGNED BY: DRM
JOB NO: 01-158
FILE: LOT3RICHARD.dwg

STATE OF MASSACHUSETTS
NICHOLAS J. LETENDRE
No. 39132
COMMONWEALTH OF MASSACHUSETTS
REGISTERED PROFESSIONAL ENGINEER

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OSD