

PROPOSED LEACHING SYSTEM DESIGN AND WETLANDS PLAN FOR

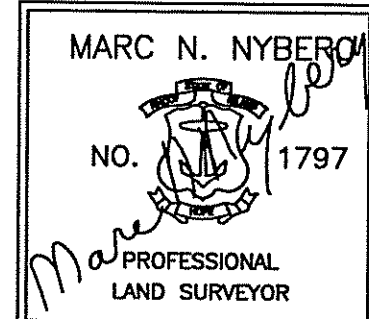
FOR
ELIZABETH CESARIO
No. SMITHFIELD, RHODE ISLAND
DATE: AUGUST, 2007 SCALE: 1"= 20'

REVISED: 10/18/07

PLAT 11, LOT 203, AREA: 4.5 ACRES ±

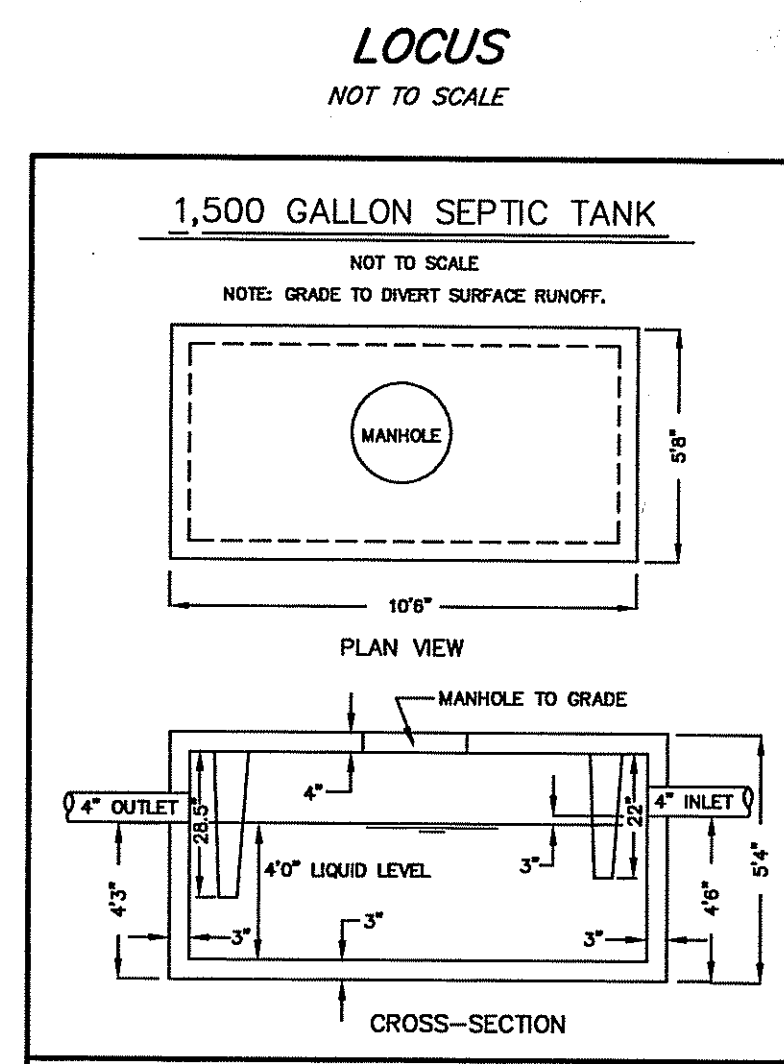
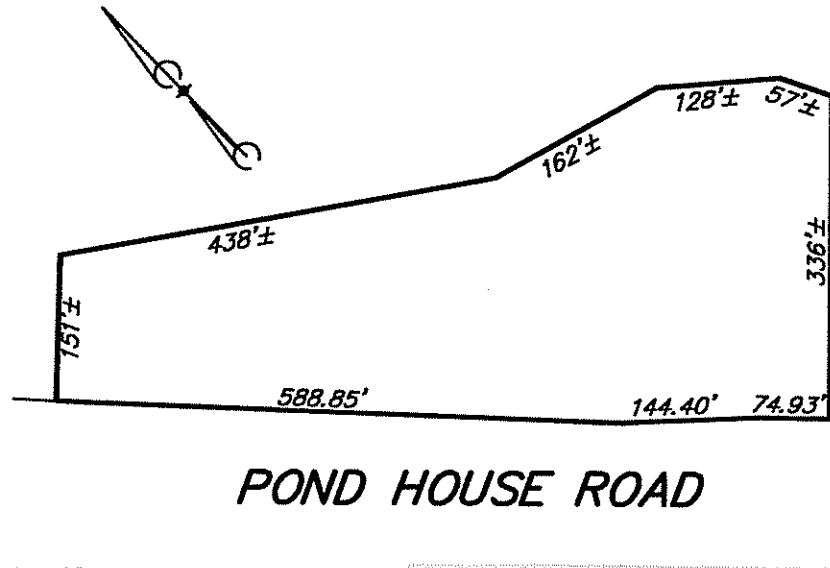
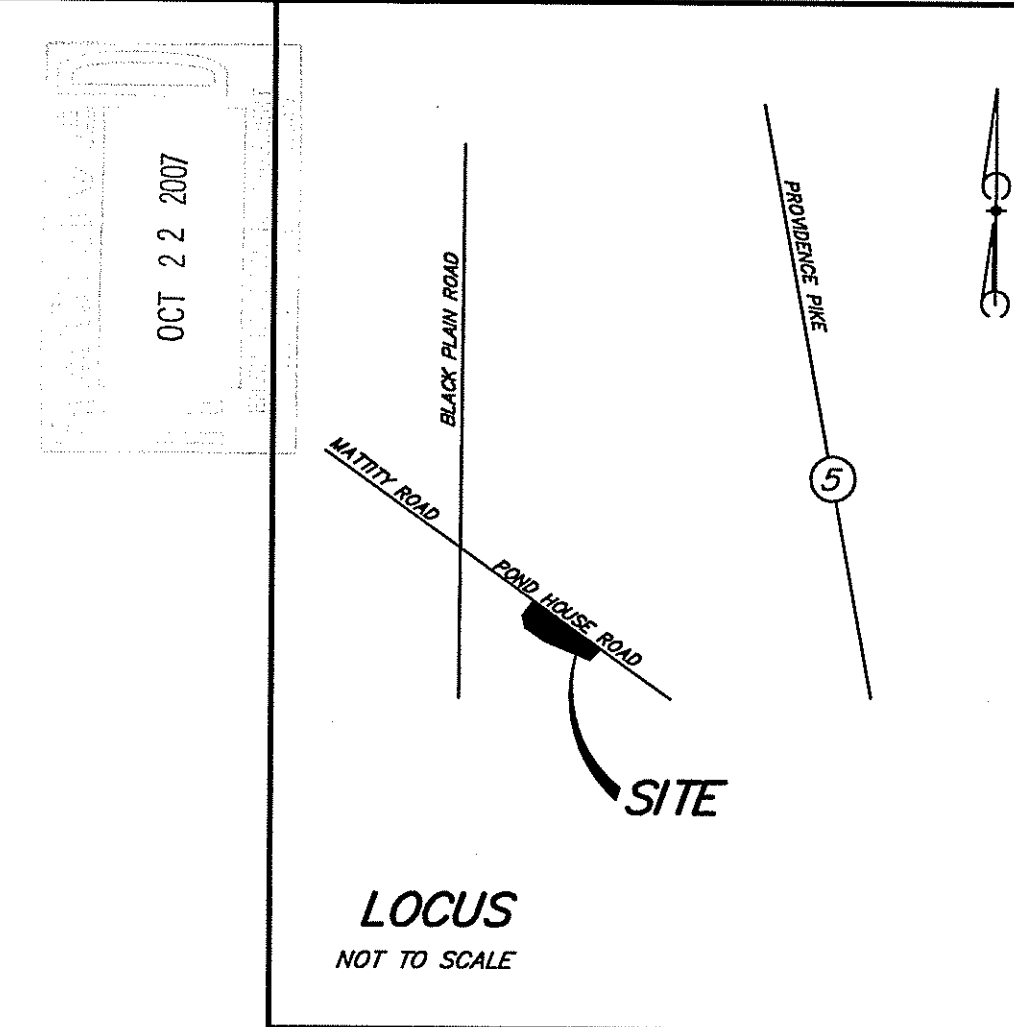
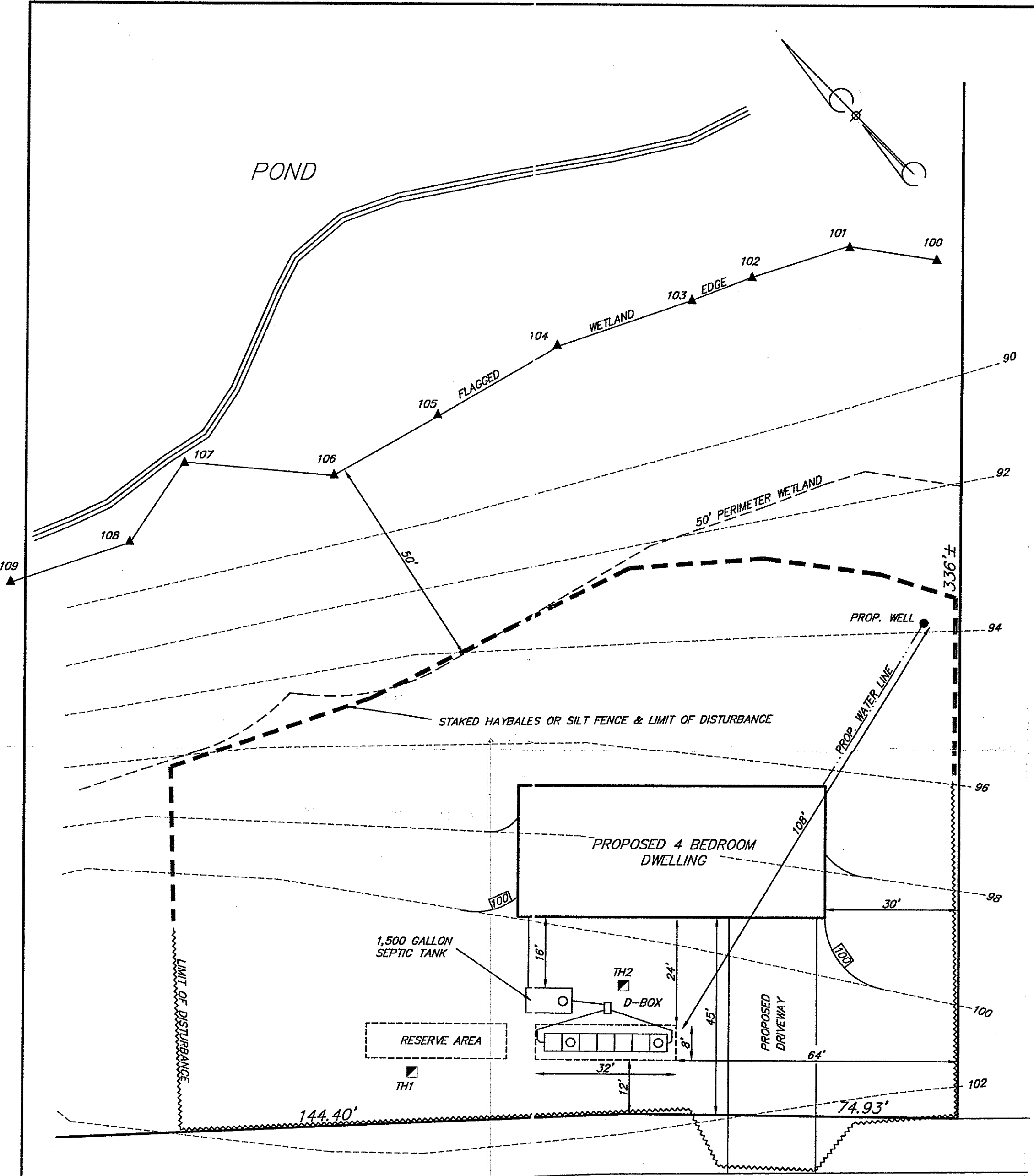
BENCH MARK: NAIL IN TREE, ELEVATION 102.90

LEACHING SYSTEM BY:
MARC N. NYBERG ASSOCIATES, INC.
LAND SURVEYORS and PLANNERS
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RHODE ISLAND 02896
TEL. (401) 762-2870
FAX. (401) 762-2871

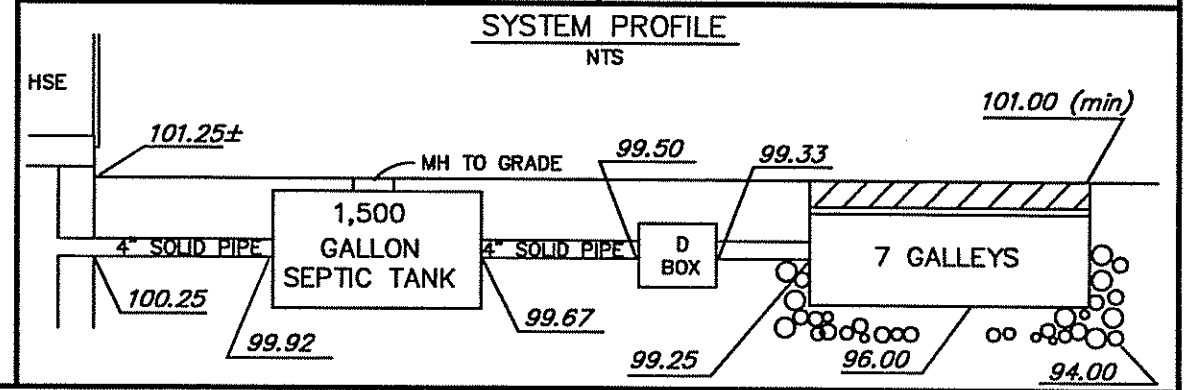
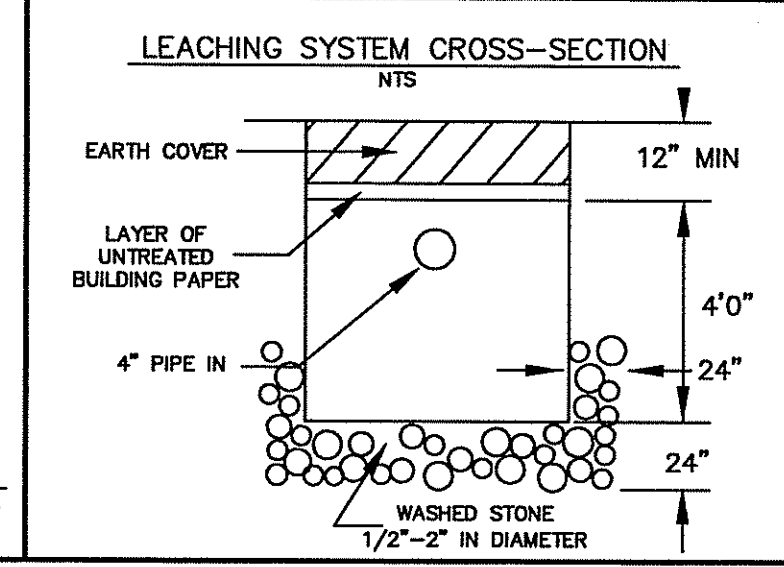


GENERAL NOTES

- 0 FEET ON ALL SIDES AND LEACHING AREA AS WELL, MUST BE STRIPPED OF TOPSOIL, SUBSOIL, UNDESIRABLE MATERIAL, AND SOIL CONTAINING FINES TO A SPECIFIED DEPTH AND BOTTOM OF EXCAVATION SCARIFIED AND BACKFILLED WITH CLEAN COARSE GRAVEL, REMOVAL OF TREES AND BRUSH SHOULD EXTEND 10 FEET BEYOND ALL SIDES OF LEACHING AREA.
- USE SDR #35 PVC PIPING OR EQUIVALENT THROUGHOUT SYSTEM.
- NO WELL EXISTS WITHIN 100' OF THE PROPOSED LEACHING SYSTEM.
- IF A WELL IS PROPOSED, NO LEACHING SYSTEM EXISTS WITHIN 100' OF THE PROPOSED WELL.
- ALL WELLS, EXISTING & PROPOSED, WITHIN 200' FEET ARE SHOWN. ALL PUBLIC WELLS, EXISTING AND PROPOSED, WITHIN 500' ARE SHOWN.
- BRING SEPTIC TANK AND D-BOX MANHOLES TO GRADE.
- SEPTIC TANK TO BE A MINIMUM OF 75' FROM ALL WELLS.
- IF PAVEMENT IS TO BE NEAR LEACHING AREA, A PROTECTIVE BERM IS TO BE PLACED AROUND THE SYSTEM IN AREA OF PAVEMENT.
- D-BOX TO HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET AND MEET H-20 WHEEL LOADS WITH MARKER SET TO GRADE.
- SANITARY TEES TO BE INSTALLED IN SEPTIC TANK.
- NO DRAINS OF ANY KIND SHALL BE LOCATED WITHIN 25' OF THE PROPOSED LEACHING SYSTEM.
- 25' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV.: 99.25.
- COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
- SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.



TEST HOLE DATA	
DATE: 9/6/05	
TH1	0"-6" Ap, SIL, 10YR 3/3 6"-24" Bw, CB, G, SL, 10YR 5/6 24"-144" C, ST, CB, G, COS, 2.5YR 5/4 NO LEDGE AT 144" ESHW: 144"
TH2	0"-6" Ap, SIL, 10YR 3/3 6"-20" Bw, CB, G, SL, 10YR 5/6 20"-26" Bc, CB, G, SL, 10YR 5/4 26"-120" C, ST, CB, G, COS, 2.5YR 5/4 120"-144" C2, ST, CB, G, COS, 5YR 5/2 NO LEDGE AT 144" ESHW: 144"
DESIGN DATA	
SOIL CATEGORY: 1	
DESIGN PERC RATE: 10 MPI	
FIELD SIZE: GALLEYS, 7 SECTIONS	
8' WIDE, 24' LONG	
24" OF STONE AROUND & UNDER	
676 SQUARE FEET	



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 07-0418
DATED DEC 0 6 2007
SEE LETTER OF SAME DATE.
W. Joseph Casey

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

LEGEND

100 --- 100	EXISTING CONTOUR
100	PROPOSED CONTOUR
TH1	TEST HOLE
•	WELL
108 ▲	WETLAND FLAG
---	LIMIT OF DISTURBANCE
---	STAKED HAYBALES OR SILT FENCE AND LIMIT OF DISTURBANCE