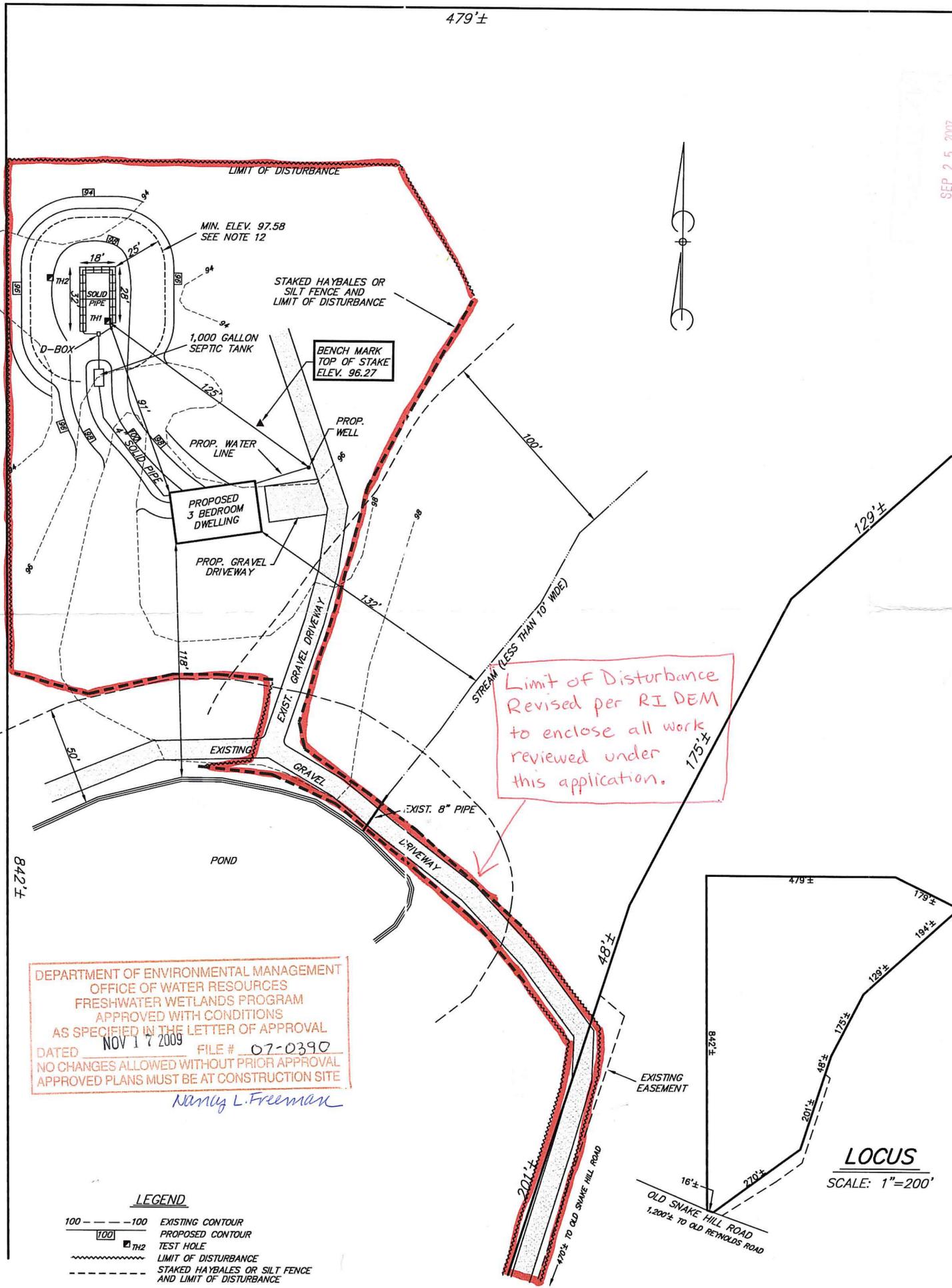
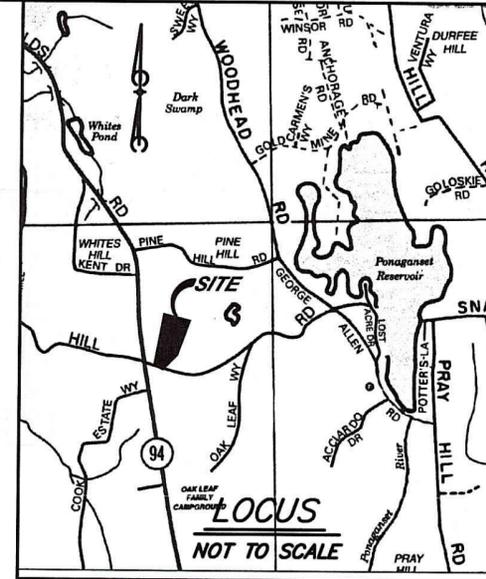
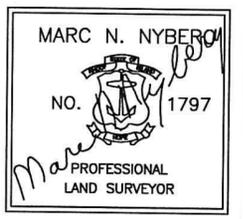


PROPOSED LEACHING SYSTEM
AND WETLANDS PLAN FOR
WALTER LAW, JR.
GLOCESTER, RHODE ISLAND
DATE: SEPTEMBER, 2007 SCALE: 1" = 40'

ASSESSOR'S PLAT 5, LOT 43, AREA: 202,992 SF±
BENCH MARK: TOP OF STAKE, ELEVATION 96.27

LEACHING SYSTEM BY:
MARC N. NYBERG ASSOCIATES, INC.
LAND SURVEYORS and PLANNERS
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RHODE ISLAND 02886
TEL: (401) 762-2870
FAX: (401) 762-2871



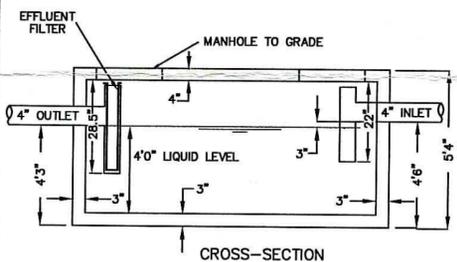
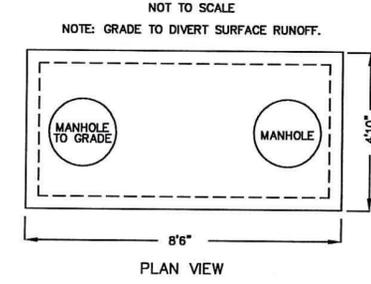
Limit of Disturbance
Revised per RI DEM
to enclose all work
reviewed under
this application.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 17 2009 FILE # 07-0390
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

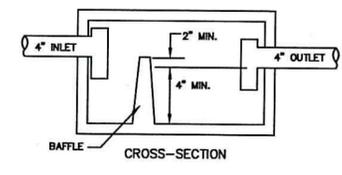
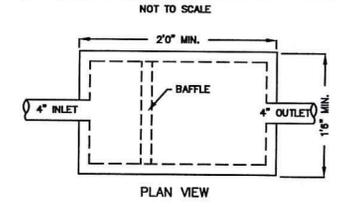
LEGEND
100 --- 100 EXISTING CONTOUR
100 --- 100 PROPOSED CONTOUR
TH2 TEST HOLE
--- LIMIT OF DISTURBANCE
--- STAKED HAYBALES OR SILT FENCE AND LIMIT OF DISTURBANCE

SEP 25 2007

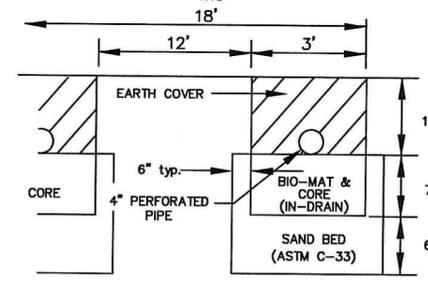
1,000 GALLON SEPTIC TANK



DISTRIBUTION BOX (D-BOX)



LEACHING SYSTEM CROSS-SECTION



MEDIUM TO COARSE SAND BETWEEN TRENCHES AND 6" MINIMUM AROUND SIDES OF THE IN-DRAINS

GENERAL NOTES

- 5 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.
- NO LEACHING SYSTEM EXISTS WITHIN 100' OF THE PROPOSED WELL.
- NO WELLS, EXISTING OR PROPOSED, ARE WITHIN 200' FEET OF ISDS. NO PUBLIC WELLS, EXISTING OR PROPOSED, ARE WITHIN 500' OF THE ISDS.
- BRING SEPTIC TANK AND D-BOX MANHOLES TO GRADE.
- SEPTIC TANK TO BE A MINIMUM OF 75' FROM ALL WELLS.
- ENDS OF LINES IN TRENCH TO BE INTERCONNECTED.
- 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 WITHIN 25' OF THE PROPOSED LEACHING SYSTEM.
- 25' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV.: 97.58
- COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
- SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
- ZABEL EFFLUENT FILTER TO BE INSTALLED AT SEPTIC TANK OUTLET.
- WASHING MACHINE LINT FILTER IS STRONGLY RECOMMENDED TO PREVENT PREMATURE FAILURE OF ELJEN SYSTEM.
- SITE IS LOCATED WITHIN THE SCITUATE RESERVOIR WATERSHED

TEST HOLE DATA

DATE: 6/13/06
TH1
0'-6" Ap, SIL, 10YR 2/2
6"-18" Bw, CB, G, SL, 10YR 5/6
18"-25" Bc, CB, G, SL, 2.5YR 5/4
25"-96" C, ST, CB, G, LS 5YR 5/2
NO LEDGE AT 96"
ESHW 25"
TH2
0'-6" Ap, BD, SIL, 10YR 2/2
6"-20" Bw, CB, G, SL, 10YR 5/6
20"-28" Bc, CB, G, SL, 2.5YR 5/4
25"-96" C, ST, CB, G, LS 5YR 5/2
NO LEDGE AT 96"
ESHW 24"

DESIGN DATA

SOIL CATEGORY: 6
DESIGN RATE: 10 MIN/INCH
FIELD SIZE: ELJEN, TWO LINES
18 UNITS TOTAL
504 SQUARE FEET

ZABEL STANDARD FILTER
MODEL #A1800
NOT TO SCALE

