

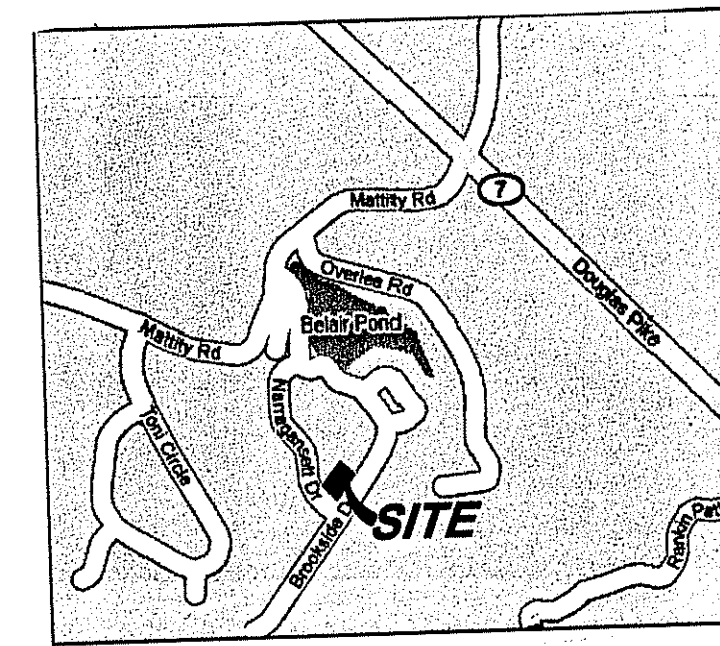
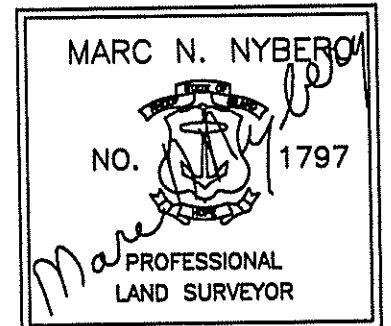
PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM FOR  
**JOYCE CHAPUT**  
 53 BROOKSIDE DRIVE  
 NORTH SMITHFIELD, RHODE ISLAND  
 DATE: JUNE, 2008 SCALE: 1" = 30'

ASSESSORS PLAT 14, LOT 146, AREA: 0.53 Acres±

BENCH MARK: TOP OF WELL, ELEVATION 105.62

LEACHING SYSTEM BY:

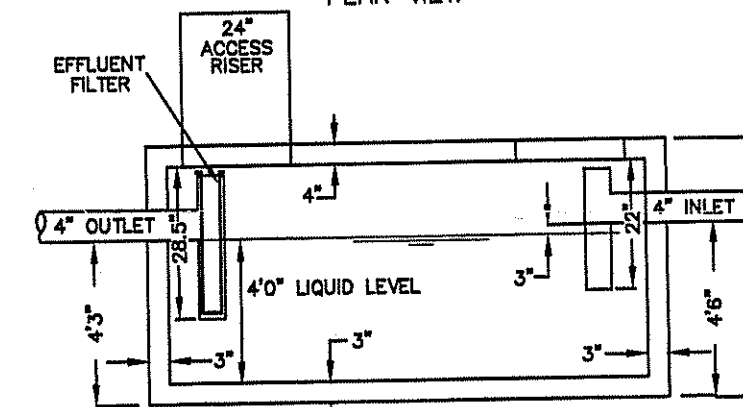
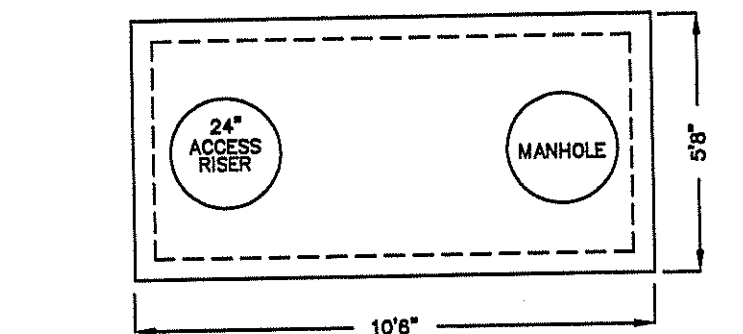
MARC N. NYBERG ASSOCIATES, INC.  
 LAND SURVEYORS and PLANNERS  
 501 GREAT ROAD, UNIT 104  
 NORTH SMITHFIELD, RHODE ISLAND 02896  
 TEL: (401) 762-2870  
 FAX: (401) 762-2871



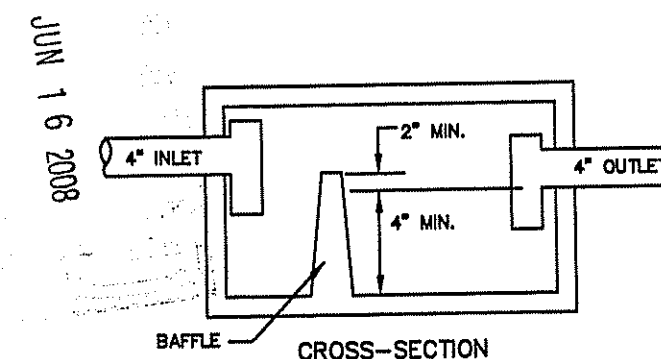
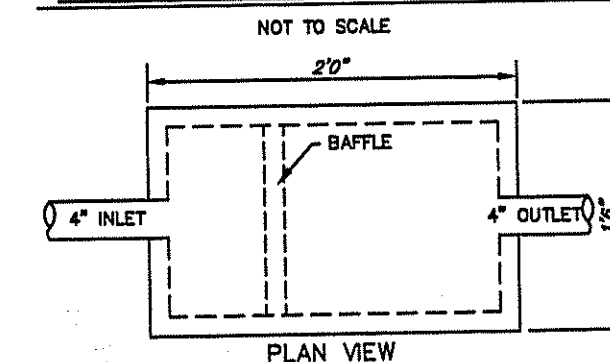
**LOCUS**  
NOT TO SCALE

**1,500 GALLON SEPTIC TANK**

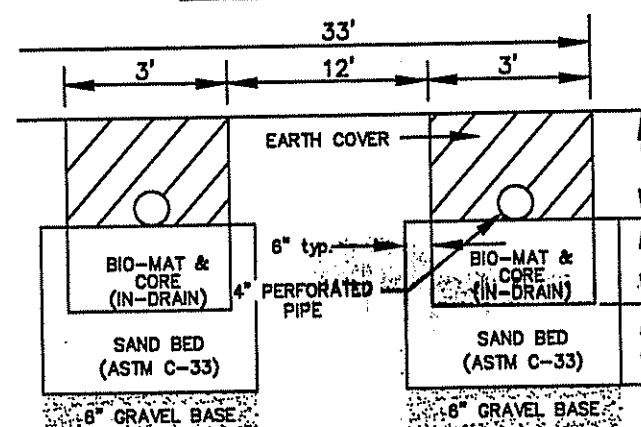
NOTE: GRADE TO DIVERT SURFACE RUNOFF.



**DISTRIBUTION BOX (D-BOX)**



**LEACHING SYSTEM CROSS-SECTION**  
ELVENS - 3 LINES



**GENERAL NOTES**

- 1) LEACHING TRENCHES TO BE EXCAVATED IN ACCORDANCE WITH RIDEM REGULATION 32.9 FOR ONSITE WASTEWATER TREATMENT SYSTEMS. A 6 INCH GRAVEL BASE TO BE SET BELOW EACH TRENCH IN ACCORDANCE WITH REGULATION 32.12. TREES, BRUSH AND STUMPS WITHIN AND EXTENDING 10 FEET BEYOND LEACHFIELD TO BE REMOVED.
- 2) USE SCHEDULE 40 PVC PIPE UNDER DRIVEWAY AND SDR #35 PVC PIPING OR EQUIVALENT THROUGHOUT REST OF SYSTEM.
- 3) NO WELL EXISTS WITHIN 100' OF THE PROPOSED LEACHING SYSTEM.
- 4) NO LEACHING SYSTEM EXISTS WITHIN 100' OF THE PROPOSED WELL.
- 5) NO WELLS, EXISTING OR PROPOSED, ARE WITHIN 200' FEET OF ISDS. NO PUBLIC WELLS, EXISTING OR PROPOSED, ARE WITHIN 500' OF THE ISDS.
- 6) BRING SEPTIC TANK AND D-BOX MANHOLES TO GRADE.
- 7) SEPTIC TANK TO BE A MINIMUM OF 75' FROM ALL WELLS.
- 8) ENDS OF LINES IN TRENCH TO BE INTERCONNECTED.
- 9) D-BOX TO HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET AND MEET H-20 WHEEL LOADS WITH MARKER SET TO GRADE.
- 10) SANITARY TEES TO BE INSTALLED IN SEPTIC TANK.
- 11) NO DRAINS OF ANY KIND SHALL BE WITHIN 25' UPGRADIENT OR 50' DOWNGRADIENT OF THE PROPOSED LEACHING SYSTEM.
- 12) 10' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV. 99.00.
- 13) COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
- 14) SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
- 15) ZABEL EFFLUENT FILTER TO BE INSTALLED AT SEPTIC TANK OUTLET.
- 16) WASHING MACHINE LINT FILTER IS STRONGLY RECOMMENDED TO PREVENT PREMATURE FAILURE OF ELVEN SYSTEM.
- 17) AREA OF RIDEM JURISDICTIONAL DISTURBANCE: 10,600 SF±.

**TEST HOLE DATA**  
DATE: 3/6/08

TH1  
 0"-9" A, SL, 10YR 2/2  
 9"-32" Bw, SL 10YR 4/4  
 32"-68" C, CB, G, COS, 10YR 5/3  
 68"-136" C2, G, COS, 2.5YR 5/3  
 NO LEDGE AT 136"  
 ESHWT: 96"

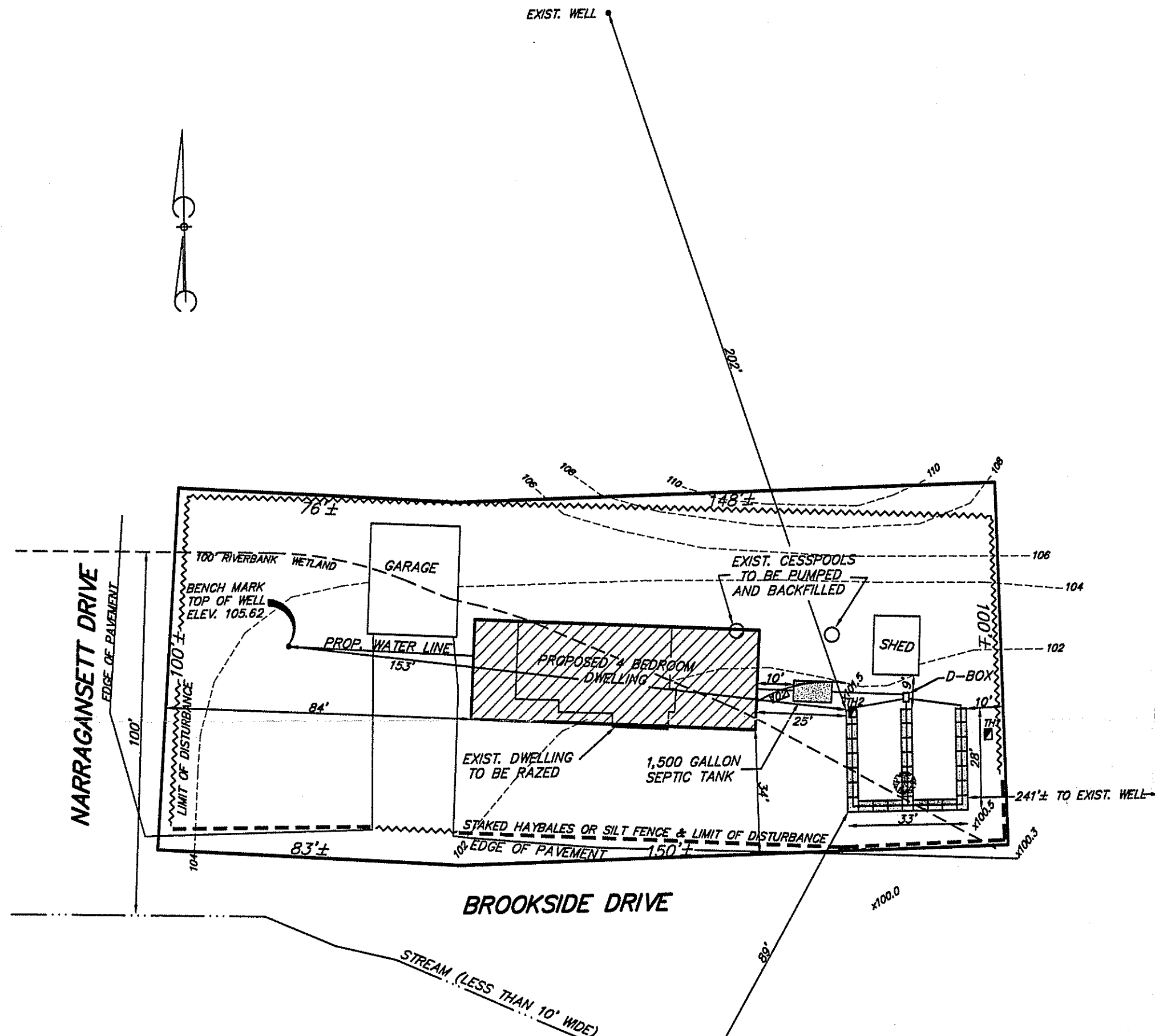
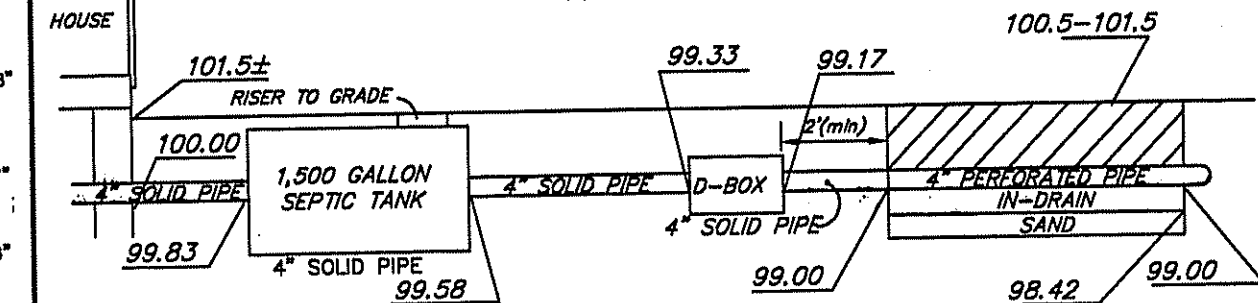
TH2  
 0"-9" A, SL, 10YR 2/2  
 9"-30" Bw, SL 10YR 4/4  
 30"-84" C, CB, G, COS, 10YR 5/3  
 84"-102" C2, G, COS, 2.5YR 5/3  
 102"-136" C3, MS, 2.5YR 6/3  
 NO LEDGE AT 136"  
 ESHWT: 96"

**DESIGN DATA**

SOIL CATEGORY: 4  
 DESIGN LOADING RATE: .61  
 FIELD SIZE: ELVEN, THREE LINES  
 27 UNITS TOTAL  
 756 SQUARE FEET

ZABEL STANDARD FILTER  
 MODEL #A1800  
 NOT TO SCALE

**SYSTEM PROFILE**  
NOT TO SCALE



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 EXIST. CONTOUR
  - 100 --- PROP. CONTOUR
  - x100.0 EXIST. GRADE
  - TH1 TEST HOLE
  - LIMIT OF DISTURBANCE
  - STAKED HAYBALES OR SILT FENCE & LIMIT OF DISTURBANCE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS  
 AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED AUG 18 2008 FILE # 08-0197  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

*W. Joseph Conroy*