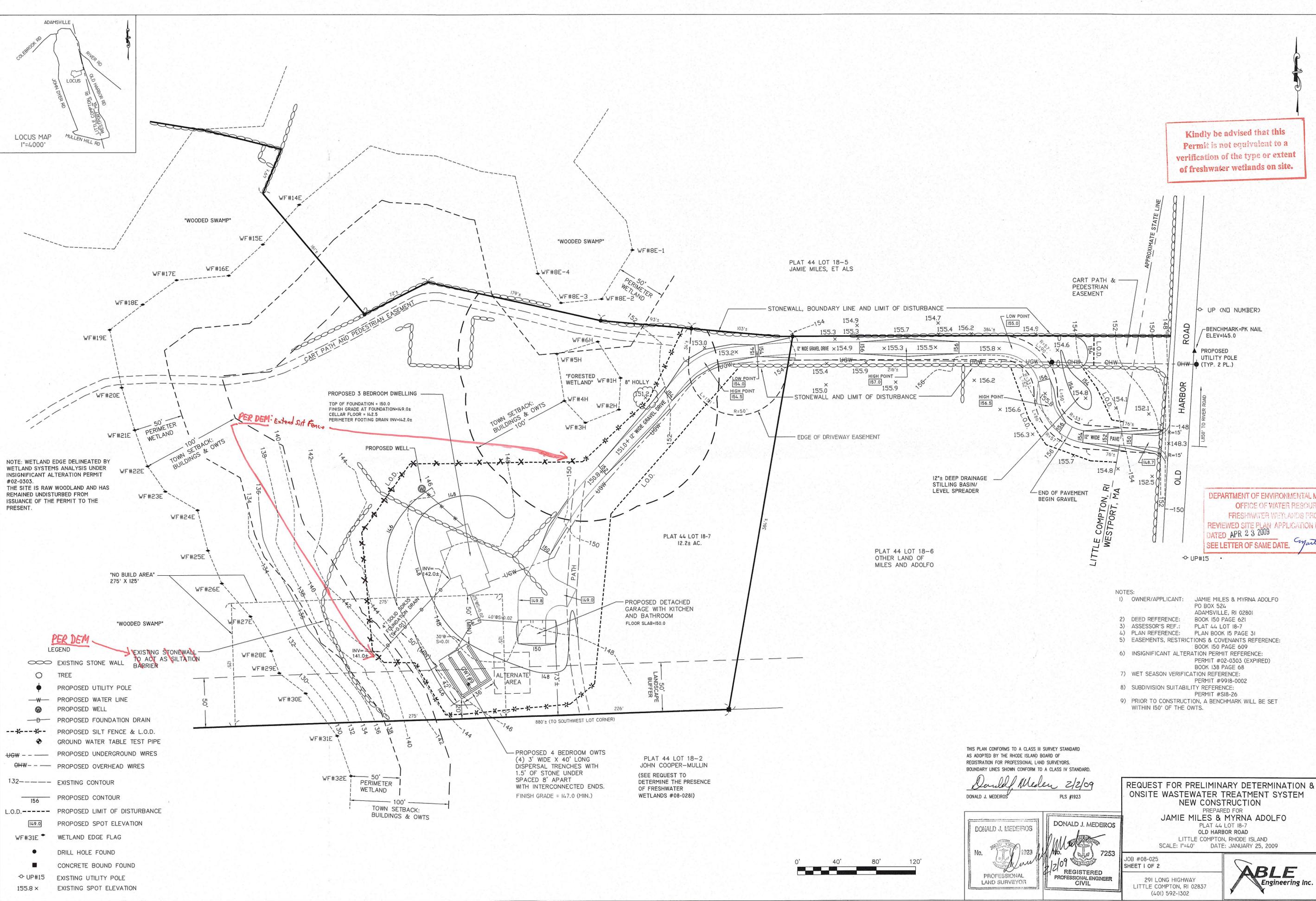


Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



NOTE: WETLAND EDGE DELINEATED BY WETLAND SYSTEMS ANALYSIS UNDER INSIGNIFICANT ALTERATION PERMIT #02-0303. THE SITE IS RAW WOODLAND AND HAS REMAINED UNDISTURBED FROM ISSUANCE OF THE PERMIT TO THE PRESENT.

- LEGEND**
- EXISTING STONE WALL
  - TREE
  - PROPOSED UTILITY POLE
  - W— PROPOSED WATER LINE
  - ⊙ PROPOSED WELL
  - D— PROPOSED FOUNDATION DRAIN
  - \*-\*-\*-\* PROPOSED SILT FENCE & L.O.D.
  - ⊕ GROUND WATER TABLE TEST PIPE
  - UGW --- PROPOSED UNDERGROUND WIRES
  - OHW --- PROPOSED OVERHEAD WIRES
  - 132----- EXISTING CONTOUR
  - 156----- PROPOSED CONTOUR
  - L.O.D.----- PROPOSED LIMIT OF DISTURBANCE
  - [149.0]----- PROPOSED SPOT ELEVATION
  - WF#31E ◆ WETLAND EDGE FLAG
  - DRILL HOLE FOUND
  - CONCRETE BOUND FOUND
  - UP#15 EXISTING UTILITY POLE
  - 155.8 x EXISTING SPOT ELEVATION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO.: 09-0033  
 DATED APR 23 2009  
 SEE LETTER OF SAME DATE.

- NOTES:
- 1) OWNER/APPLICANT: JAMIE MILES & MYRNA ADOLFO  
PO BOX 524  
ADAMSVILLE, RI 02801
  - 2) DEED REFERENCE: BOOK 150 PAGE 621
  - 3) ASSESSOR'S REF.: PLAT 44 LOT 18-7
  - 4) PLAN REFERENCE: PLAN BOOK 15 PAGE 31
  - 5) EASEMENTS, RESTRICTIONS & COVENANTS REFERENCE: BOOK 150 PAGE 609
  - 6) INSIGNIFICANT ALTERATION PERMIT REFERENCE: PERMIT #02-0303 (EXPIRED)  
BOOK 138 PAGE 68
  - 7) WET SEASON VERIFICATION REFERENCE: PERMIT #9918-0002
  - 8) SUBDIVISION SUITABILITY REFERENCE: PERMIT #518-26
  - 9) PRIOR TO CONSTRUCTION, A BENCHMARK WILL BE SET WITHIN 150' OF THE OWTS.

THIS PLAN CONFORMS TO A CLASS III SURVEY STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. BOUNDARY LINES SHOWN CONFORM TO A CLASS IV STANDARD.

*Donald J. Medeiros* 2/2/09  
 DONALD J. MEDEIROS PLS #1923

DONALD J. MEDEIROS  
 No. 1923  
 PROFESSIONAL LAND SURVEYOR

DONALD J. MEDEIROS  
 No. 7253  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

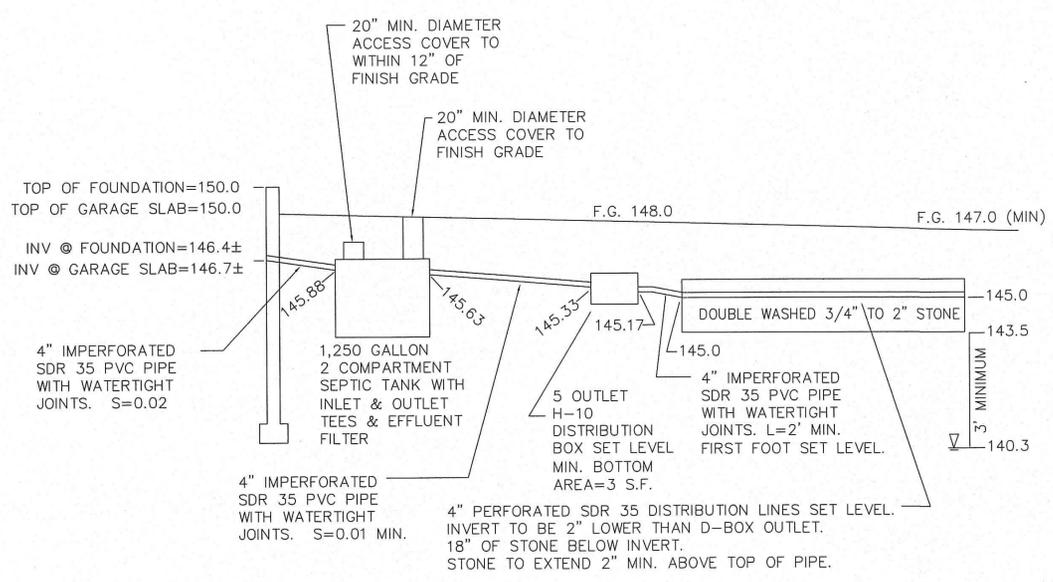
REQUEST FOR PRELIMINARY DETERMINATION & ONSITE WASTEWATER TREATMENT SYSTEM NEW CONSTRUCTION

PREPARED FOR  
 JAMIE MILES & MYRNA ADOLFO  
 PLAT 44 LOT 18-7  
 OLD HARBOR ROAD  
 LITTLE COMPTON, RHODE ISLAND  
 SCALE: 1"=40' DATE: JANUARY 25, 2009

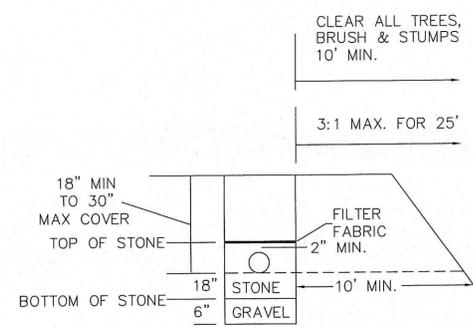
JOB #08-025  
 SHEET 1 OF 2

291 LONG HIGHWAY  
 LITTLE COMPTON, RI 02837  
 (401) 592-1302

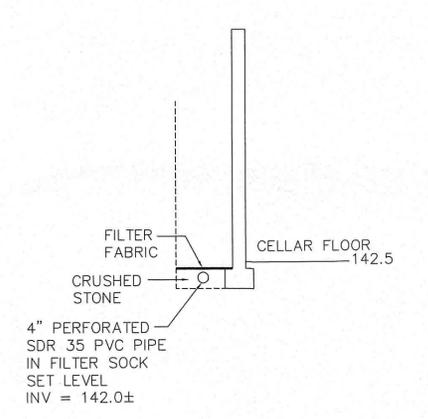




SYSTEM PROFILE

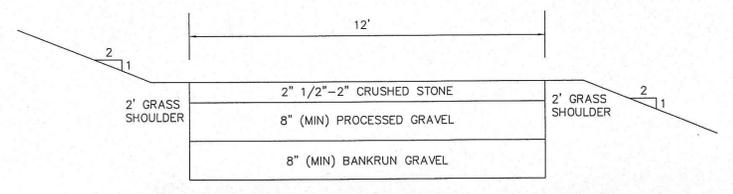
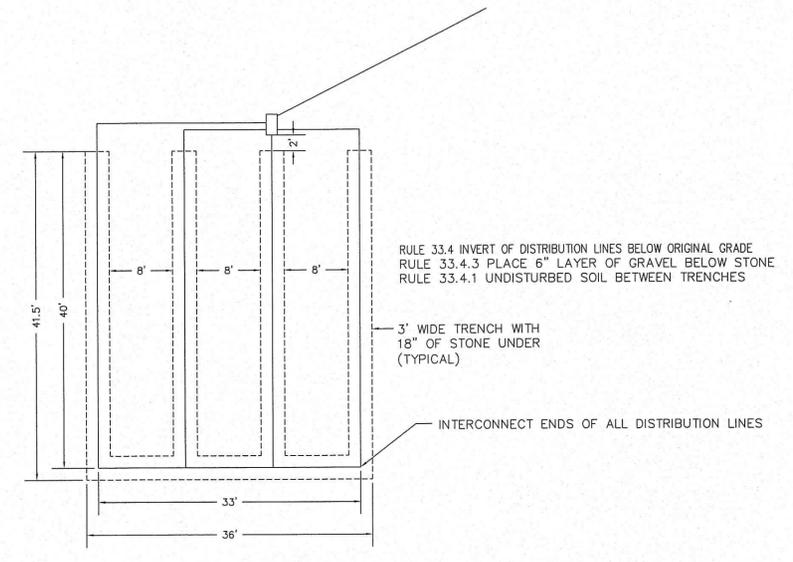


DISPERSAL TRENCH CROSS SECTION

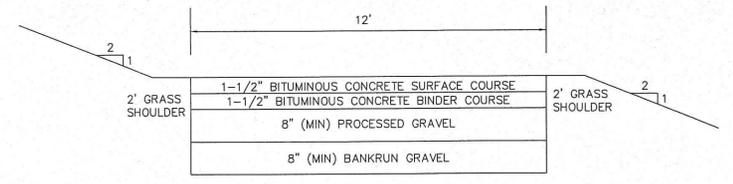


FOOTING DRAIN DETAIL

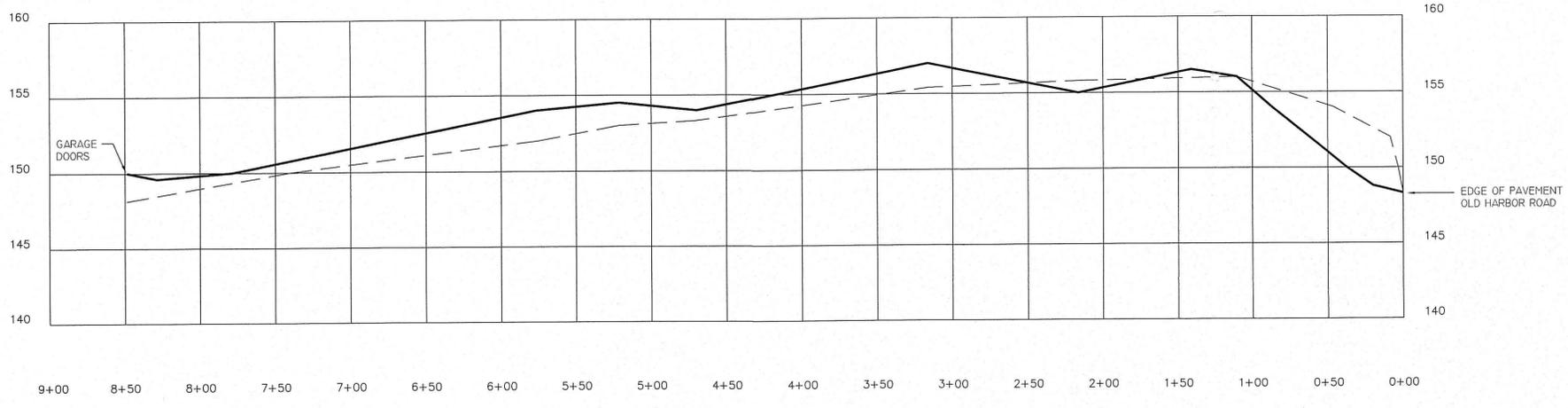
DISPERSAL TRENCH LAYOUT



GRAVEL DRIVEWAY CROSS SECTION



PAVED DRIVEWAY CROSS SECTION



DRIVEWAY PROFILE

1"=50' H  
1"=5' V



GENERAL NOTES:

1. THERE ARE WETLANDS WITHIN 200' OF THE PROPOSED OWTS.
2. THERE ARE NO PUBLIC SEWER LINES WITHIN 200' OF THE SUBJECT PROPERTY.
3. THERE ARE NO EXISTING OR PROPOSED PUBLIC WELLS WITHIN 500' OF THE PROPOSED OWTS.
4. PROPOSED DRAINS DO NOT DISCHARGE TO A CRITICAL RESOURCE AREA.
5. THE PROPOSED OWTS IS NOT IN THE WATERSHED OF A PUBLIC WATER SUPPLY OR CRITICAL RESOURCE AREA.

CONSTRUCTION NOTES AND SPECIFICATIONS:

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE "RULES ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS (OWTS)" DATED JANUARY 1, 2008 (AND AS MAY BE AMENDED) AND ANY APPLICABLE LOCAL REGULATIONS.
2. ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE RIDEM AND THE ENGINEER (ABLE ENGINEERING, INC.).
3. ANY CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFERING FROM THOSE SHOWN HEREON SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING DIGSAFE AS REQUIRED BY LAW.
5. CONTRACTOR/HOMEOWNER SHALL NOTIFY ENGINEER AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION AND PERIODICALLY THROUGHOUT CONSTRUCTION IN ORDER THAT THE FOLLOWING INSPECTIONS CAN BE MADE:
  - \* EXPOSED BOTTOM OF EXCAVATION FOR LEACHFIELD.
  - \* SIZE AND CONDITION OF ALL STRUCTURAL SYSTEM COMPONENTS.
  - \* ELEVATION OF ALL SYSTEM INVERTS.
  - \* COMPLETED INSTALLATION PRIOR TO BACKFILLING.
6. CONTRACTOR/HOMEOWNER SHALL SUPPLY ENGINEER WITH A LIST OF ALL MATERIALS USED, SOURCE OF MATERIAL AND DATES OF DELIVERY TO SITE.
7. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DELAY OR ADDITIONAL WORK REQUIRED AS A RESULT OF THE CONTRACTOR/HOMEOWNER'S FAILURE TO COMPLY WITH THE ABOVE CONSTRUCTION SCHEDULE.
8. SEPTIC TANK AND ACCESS COVERS TO CONFORM TO RULE 26 OF REGULATIONS CITED IN NOTE #1 ABOVE.
9. SEPTIC TANK EFFLUENT PIPE TO CONFORM TO RULE 27.
10. DISTRIBUTION BOX TO CONFORM TO RULE 31.
11. LEACHFIELD EXCAVATION TO CONFORM TO RULE 32.9.
12. LEACHFIELD STONE TO CONFORM TO RULE 32.10.
13. LEACHFIELD FILTER FABRIC TO CONFORM TO RULE 32.11.
14. LEACHFIELD GRAVEL TO CONFORM TO RULE 32.12.
15. BACKFILL TO CONFORM TO RULE 32.14.

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DESIGN CRITERIA

1. DESIGN FLOW=460 GAL/DAY (4 BEDROOMS)
2. SOIL TEST HOLE #9
3. DEPTH TO SEASONAL HIGH GROUNDWATER=80"
4. LEACHFIELD DESIGN POINT ELEVATION=147.0
5. SEASONAL HIGH GROUNDWATER ELEVATION=140.3
6. PERCOLATION RATE = 15 MPI
7. LOADING RATE=0.61 GAL/SF/DAY (TABLE 32.2.1)
8. REQUIRED LEACHING AREA=754 SF
9. DISPERSAL TRENCH=3FT WIDE BY 18" STONE UNDER
10. ALLOWED LEACHING AREA=4.2 SF/LINEAR FOOT OF TRENCH
11. TOTAL LENGTH OF TRENCHES=184 LINEAR FEET
12. LEACHING AREA PROVIDED=773 SF

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LITTLE COMPTON, RHODE ISLAND  
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JOB #08-025  
SHEET 2 OF 2

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