



**PERCOLATION TESTS**  
 PERCOLATION TEST # 1 DATE: 12/16/98  
 PERCOLATION RATE: 7 MIN./IN.  
 DEPTH OF PERC.: 43"  
 DESIGN PERCOLATION RATE: 7 MIN./INCH (Class I soil)

**BENCH MARKS**  
 TEMPORARY BENCH MARK #1 ASSUMED DATUM: 50.00'  
 DESCRIPTION: BOTTOM OF SHINGLE

**DESIGN CALCULATIONS**  
 FLOW: (3BDRM)(110GPD/BDRM) = 330 GPD 660 PEAK  
 SEPTIC TANK: NEW 1500 GAL. TANK > 660  
 LEACHING FIELD: RATE = (1/0.68) SF/GPD FOR PERC = 7 MINS/IN CLASS I  
 MINIMUM SIZE: (330GPD)((1/0.68)SF/GPD) = 485.3 SF  
 USE 20'X25' = 500SF > 485.3 SF

**DESIGN ELEVATIONS**  
 HOUSE ELEVATIONS:  
 BUILDING SEWER AT FOUNDATION: 46.67 (EXISTING) LATERAL INVERTS:  
 SEPTIC TANK: SIZE OF SEPTIC TANK: 1500 GALLONS (A) 53.02 (B) 52.92  
 INLET: 46.37 OUTLET: 46.12 (C) 53.02 (D) 52.92  
 PUMP CHAMBER: GRAVITY FEED INLET INVERT: 46.08 (C) 53.02 (D) 52.92  
 2" FORCE MAIN OUTLET INVERT: 45.83 (C) 53.02 (D) 52.92  
 DISTRIBUTION BOX: (WITH BAFFLE) INLET: 53.29 OUTLETS: 53.12

**LEGEND**  
 TEST PIT: [Symbol]  
 DISTRIBUTION BOX: [Symbol]  
 SEPTIC TANK: [Symbol]  
 PERC TEST: [Symbol]  
 SILTATION BARRIER: [Symbol]  
 PERFORATED PIPE: [Symbol]  
 EXISTING GRADE: [Symbol]  
 PUMP CHAMBER: [Symbol]  
 WETLAND FLAG: [Symbol]  
 WETLAND SETBACK/BUFFER: [Symbol]

**REVISIONS**  
 DATE DESCRIPTION

**SEWAGE DISPOSAL SYSTEM**  
 LOT NUMBER: 44 AREA OF LOT: 62,500 SF PLAT: 26  
 LOT ADDRESS: 752 READ STREET  
 IN  
**SEEKONK, MASS.**  
 PREPARED FOR:  
 RAYMOND McMAHON  
 752 READ STREET  
 SEEKONK, MA 02771  
 SCALE: AS SHOWN  
 DATE: JANUARY 12, 1999  
 REVISIONS:  
 DESIGNED BY: DRM  
 JOB NO: 99-103  
 FILE: 752READ.DWG  
 DSD engineering & associates  
 CIVIL ENGINEERS  
 45 ASTRAL AVE.  
 RIVERSIDE, RI 02915  
 401/438-6216  
 OSD