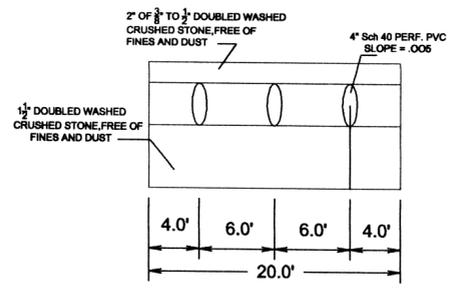


**NOTES**

- ALL COMPONENTS WILL BE BY BENSON INDUSTRIES OR APPROVED EQUAL.
- ALL PIPE WILL BE 4" SCH 40 PVC.
- MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF TITLE 5, MASS. ENVIRONMENTAL CODE AND THE REQUIREMENTS OF THE LOCAL BOARD OF HEALTH.
- ALL OF THE "A" AND "B" LAYERS SHALL BE REMOVED AS PER 310 CR 15.255 (5) FOR A DISTANCE OF 5' FROM ALL SIDES OF THE PROPOSED LEACHING SYSTEM AND FROM BENEATH THE LEACHING SYSTEM TO AN ELEVATION OF 70.2 OR UNTIL NATURALLY OCCURRING PERVIOUS MATERIAL IS REACHED AS PER 310 CMR 15.250 AND THE LOCAL B.O.H. OFFICER. AFTER THE EXCAVATION IS COMPLETE, THE AREA WILL BE BACKFILLED TO THE DESIGN ELEVATION AS PER 310 CMR 15.255 (3) AND THE LOCAL B.O.H. OFFICER.
- ALL UTILITIES SHOWN ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION AND SHOULD BE VERIFIED BY THE CONTRACTOR FOR THE EXACT ELEVATION AND LOCATION PRIOR TO CONSTRUCTION OF THE PROPOSED SEWAGE DISPOSAL SYSTEM.
- THIS PLAN IS DESIGNED TO MAXIMUM FEASIBLE COMPLIANCE AS PER CMR 310 15.404 AND 15.406.
- THE SITE REQUIRES APPROXIMATELY 8,000 CY OF SUITABLE FILL. SUITABLE FILL WILL BE UNCONSOLIDATED SOIL FREE OF ORGANICS AND DEBRIS. FILL TO BE COMPACTED USING A VIBRATORY SMOOTH WHEEL ROLLER PLACED IN LIFTS NO MORE THAN 2'. ALL FILL UNDER AND WITHIN 5' ALL AROUND SEPTIC SYSTEM WILL CONFORM TO 310 CMR 15.255 (3).
- ANY CHANGES OR VARIATIONS FROM THIS PLAN MUST BE APPROVED, IN WRITING, PRIOR TO CONSTRUCTION BY BOTH MILLER ENGINEERING AND THE LOCAL B.O.H.



**FIELD CROSS - SECTION**

**DESIGN DATA**

- DESIGN FLOW: PROPOSED 3 BEDROOM HOUSE, NO GARBAGE GRINDER  
DESIGN FLOW: 3 BEDROOMS x 110 GAL/DAY = 330 GAL/DAY
- SOILS INFORMATION : PERCOLATION RATE = 20 MIN. PER IN. SOIL CLASS II  
DESIGN PERCOLATION RATE = 20 MIN. PER IN.
- LEACHING AREA PROVIDED: BOTTOM: 32' LONG x 20' WIDE = 640 SQUARE FEET
- CAPACITY: 640 SQUARE FEET x .53 GAL. PER. SQUARE FOOT = 339 GAL. PER. DAY

**SOIL DATA**

SOIL TESTS PERFORMED 02/27/2002 BY GORDON WOLFE AND WITNESSED BY HAROLD CHENEVERT OF THE SEEKONK BOARD OF HEALTH

| TEST PIT 1  | TEST PIT 2  |
|---|---|
| 74.4 0"   | 73.7 0"   |
| A FILL 28"  | A SANDY LOAM 10YR 4/3   |
| 72.1 28"  | 72.9 10"  |
| B SANDY LOAM 10YR 4/3   | B LOAMY SAND 10YR 4/4   |
| 71.5 35"  | 72.2 18"  |
| C1 LOAMY SAND 10YR 4/6  | C1 SAND 10YR 4/3  |
| 70.2 51"  | 71.2 30"  |
| C2 FINE TO MED. LOAMY SAND 2.5Y 4/3                               | C2 LOAMY SAND 2.5Y 4/3  |
| 65.6 106"   | 65.4 100"   |
| PERC. RATE = 20 MPI<br>PERC. DEPTH = 68.5<br>GW DEPTH = 67.0(89') | PERC. RATE = 20 MPI<br>PERC. DEPTH = 69.7<br>G.W. DEPTH = 66.7(84') |

**PROPOSED SEWAGE DISPOSAL SYSTEM**

LOCATION: LOT 1 - 133 HAMMOND STREET SEEKONK, MA

APPLICANT: JAMES AND SUSAN TUSINO 63 OAK STREET SEEKONK, MA 02771

PREPARED BY MILLER ENGINEERING 21 BROOK STREET SEEKONK, MA (508) 761-7790 10-30-04

CHECKED

*CONDOM APPROVAL REQUIRED*

**ZONED R-2**

- MIN. LOT AREA = 22,500 S.F.
- MIN. LOT WIDTH @ SETBACK = 150'
- MIN. LOT WIDTH @ STREET = 120'
- MIN. FRONT YARD = 35'
- MIN. REAR YARD = 50'
- MIN. SIDE YARD = 25' + 5'/STORY

NOTE: LOT DESIGNED UNDER 6.10 OF TOWN OF SEEKONK ZONING BY-LAWS

**BENCH MARK**

NAIL IN PP# 756 ON HAMMOND ST. El. = 76.15

**SCALE**  
1" = 40'

APPROVED 11.8.04  
69-556  
*James E. Miller*  
Health Agent