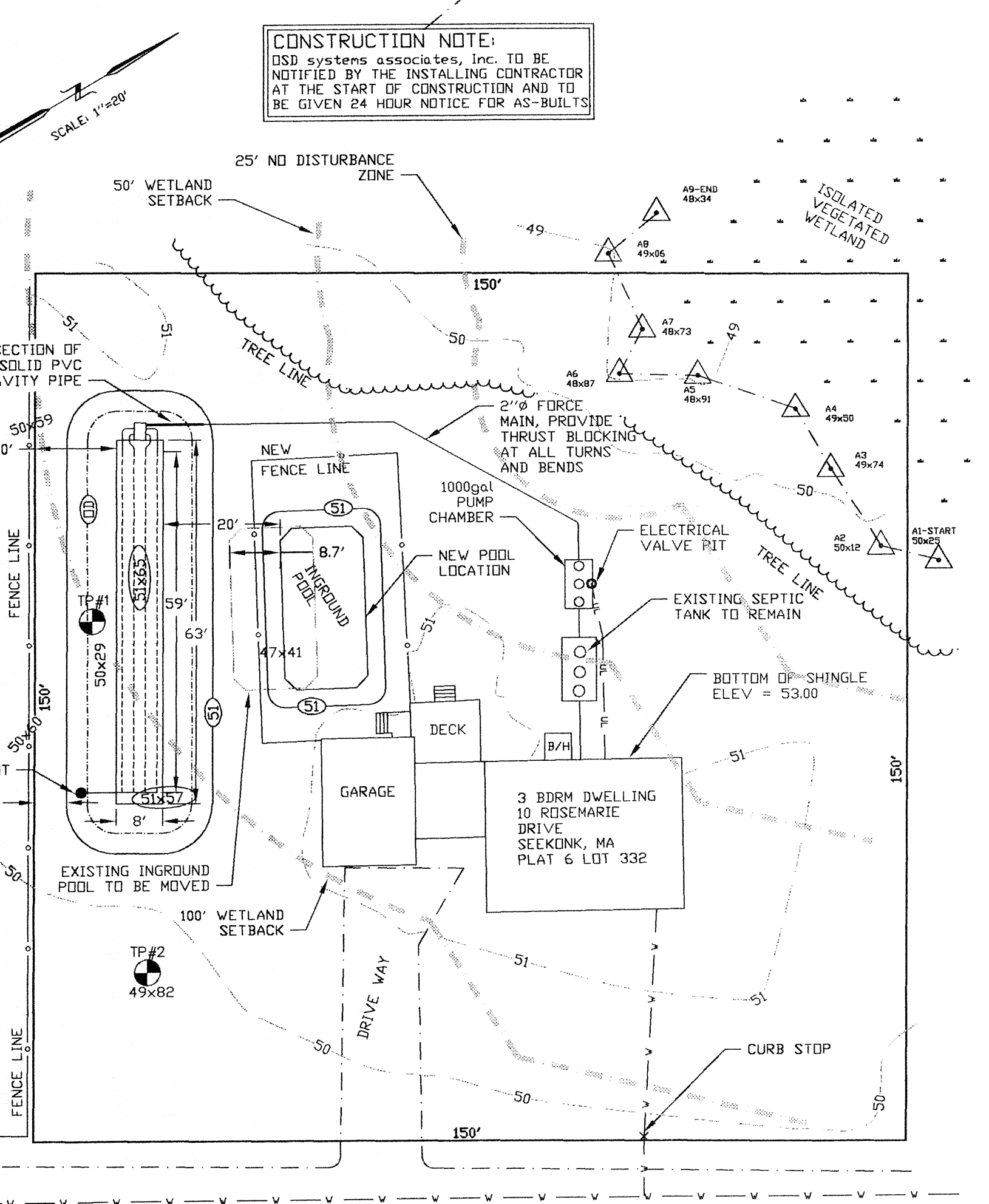
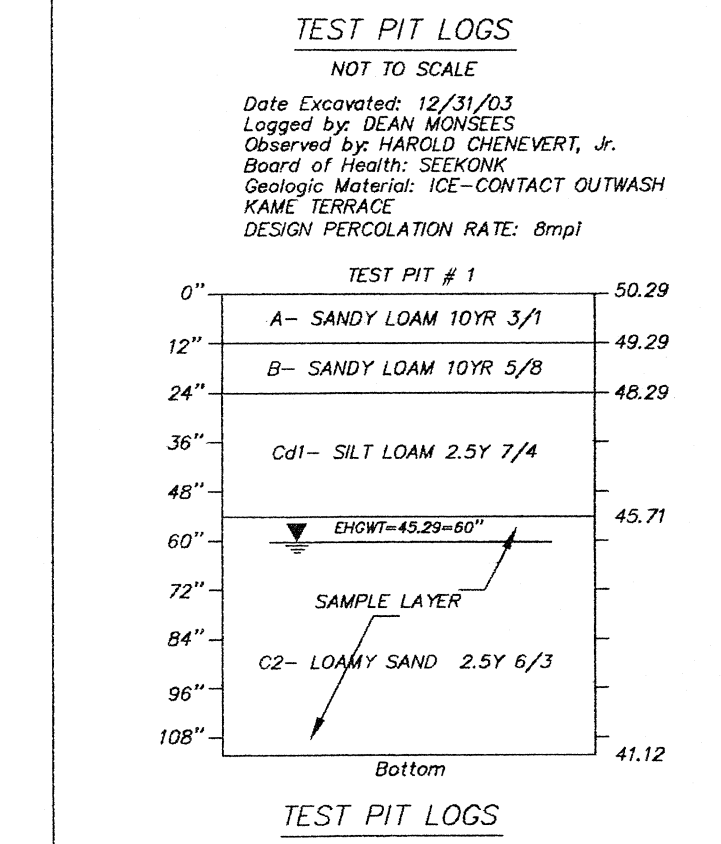
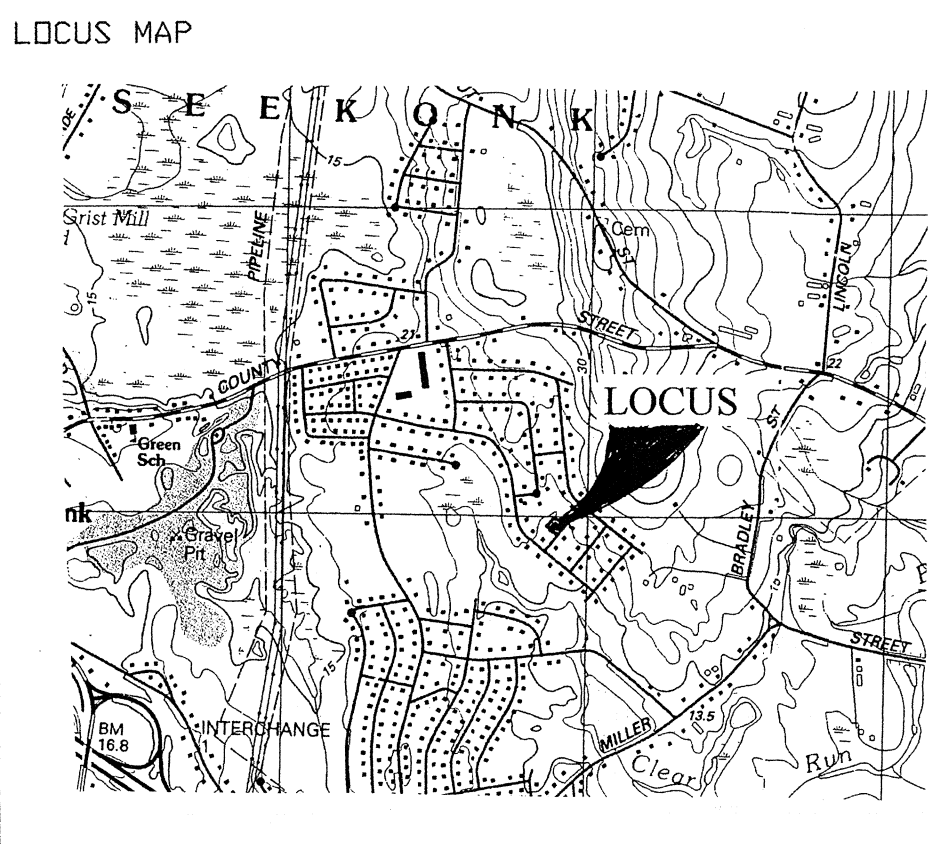
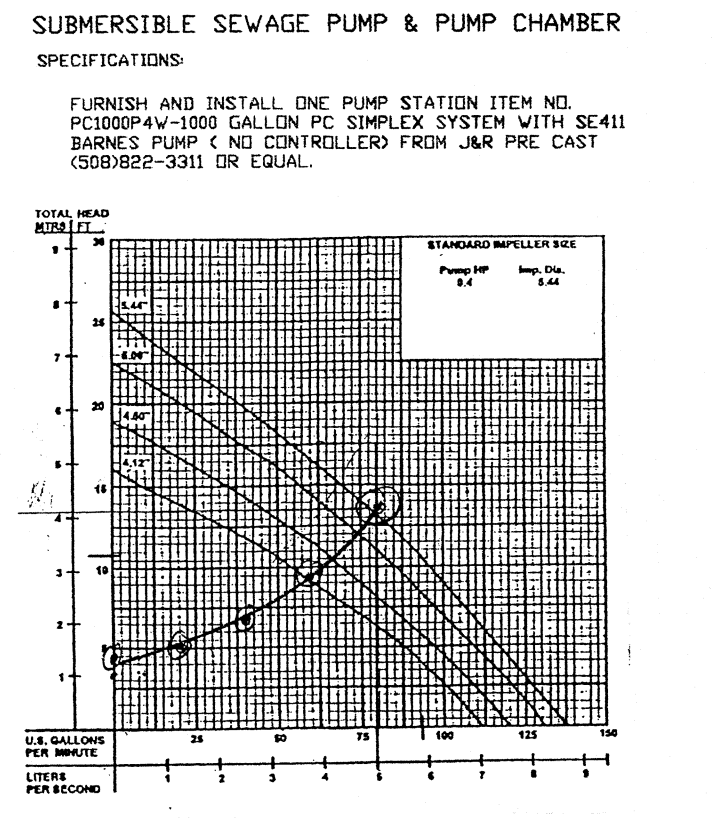
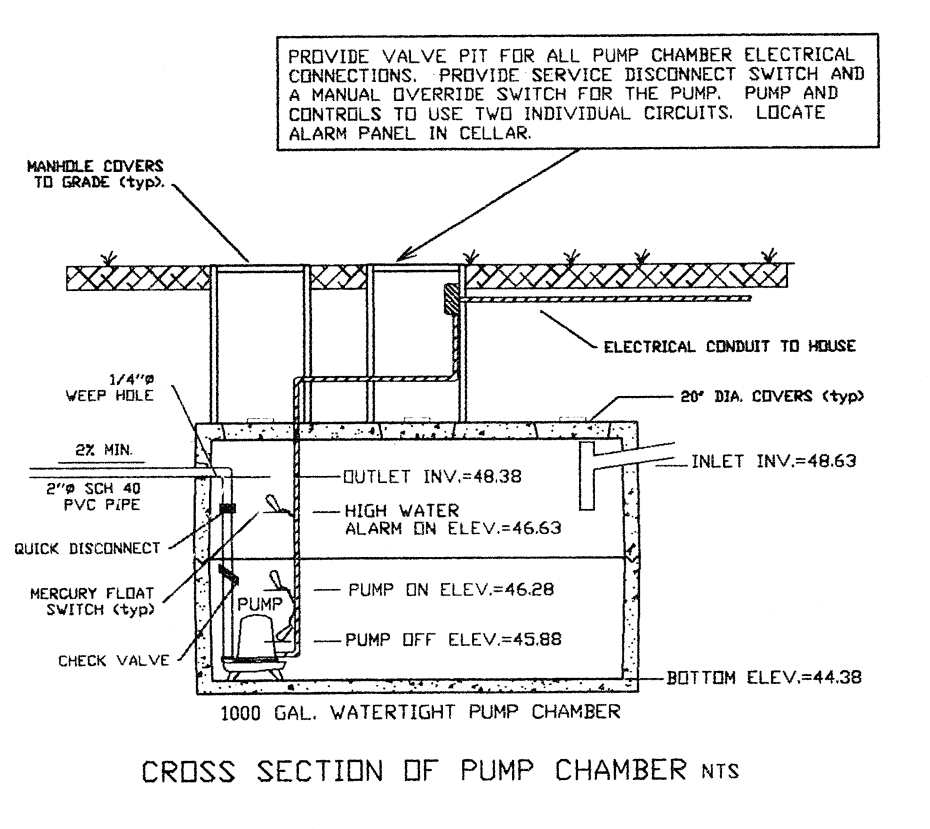


- GENERAL NOTES:**
1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
 2. THIS PLAN IS TO BE USED FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM AND DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE NOTED.
 3. THE PROPOSED SYSTEM SHOWN HEREON IS NOT DESIGNED FOR THE USE OF A GARBAGE DISPOSAL AND SAID USE IS NOT ALLOWED.
 4. THE SEPTIC TANK SHOULD BE PUMPED OUT EVERY ONE TO TWO YEARS DEPENDING ON USE.
 5. ALL BASE AGGREGATE FOR LEACHING STRUCTURES SHALL CONSIST OF DOUBLE WASHED STONE FREE OF IRON, FINES, AND DUST IN PLACE.
 6. TIGHT JOINT PIPING TO CONSIST OF POLYVINYL CHLORIDE PIPE (PVC) SCHEDULE 40, UNLESS OTHERWISE NOTED.
 7. NO PERMANENT STRUCTURE MAY BE CONSTRUCTED OVER THE SEPTIC SYSTEM AREA.
 8. BEFORE BEGINNING ANY EXCAVATION OR DEMOLITION CALL 'DIG SAFE' AT 1-888-344-7233 TO NOTIFY MEMBER UTILITIES.
 9. THE GRADE ABOVE AND ADJACENT TO THE LEACHING FACILITY SHALL BE SLOPED TO PREVENT THE ACCUMULATION OF SURFACE DRAINAGE (2% MINIMUM SLOPE).
 10. THE OVER-DIG AREA (DD) AS SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT, OR OTHER IMPERVIOUS MATERIALS. THE (DD) AREA EXTENDS 5 FEET HORIZONTALLY AROUND THE PROPOSED SYSTEM AND TO THE DEPTH SPECIFIED. THE REPLACEMENT MATERIAL SHALL MEET SPECIFICATIONS OF 310 CMR 15.255 OF THE STATE ENVIRONMENTAL CODE.
 11. EXISTING LEACHING PIT SHALL BE ABANDONED BY PUMPING, COLLAPSING, AND FILLING WITH CLEAN GRANULAR FILL.
 12. ANY SOILS ASSOCIATED WITH EXISTING FAILED LEACHING FACILITIES SHALL BE REMOVED AND REPLACED WITH MATERIAL MEETING SPECIFICATIONS OF 310 CMR 15.255 OF THE STATE ENVIRONMENTAL CODE.
 13. THERE SHALL BE NO BACK FILLING PRIOR TO ENGINEERING AND BOARD OF HEALTH INSPECTION AND APPROVAL.
 14. THE FINISHED GRADE OVER SEPTIC SYSTEM SHALL BE GRADED, LOADED, AND SEEDDED.

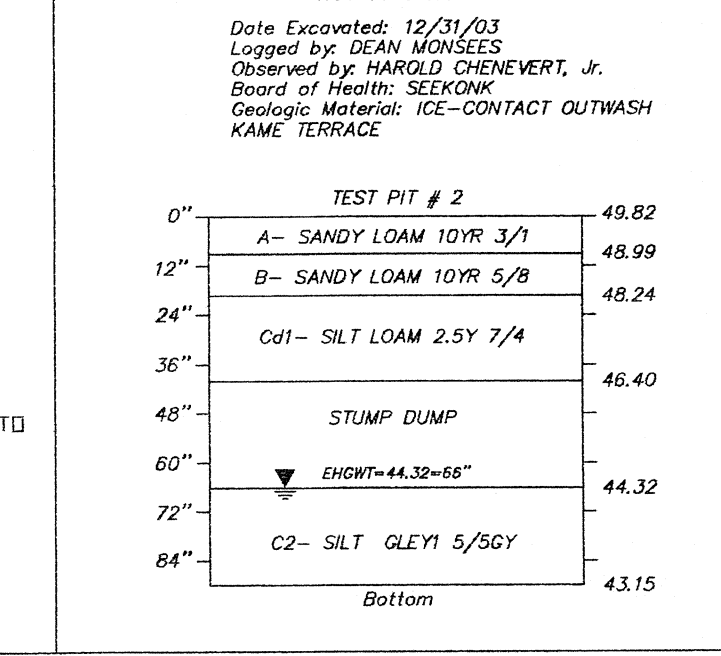


CONSTRUCTION NOTE:
OSD systems associates, inc. TO BE NOTIFIED BY THE INSTALLING CONTRACTOR AT THE START OF CONSTRUCTION AND TO BE GIVEN 24 HOUR NOTICE FOR AS-BUILTS



VARIANCE REQUESTS

1. 310 CMR 15.404 (2) (b) "A MINIMUM OF FIVE FEET OF SEPARATION BETWEEN THE BOTTOM OF THE SOIL ABSORPTION SYSTEM AND THE HIGH GROUNDWATER ELEVATION SHALL BE PROVIDED, USING FILL IF NECESSARY. THE LOCAL APPROVING AUTHORITY MAY ALLOW A FOUR FOOT SEPARATION ONLY IN FULL COMPLIANCE WITH 310 CMR 15.405 (1)(D)."
2. WE ARE REQUESTING A VARIANCE FROM TITLE 5 OF THE STATE SANITARY CODE TO REDUCE THE MINIMUM GROUNDWATER SEPARATION FROM 5 FEET TO 4 FEET AS PER 310 CMR 15.404, APPROVALS FOR UPGRADES TO MAXIMUM FEASIBLE COMPLIANCE.
3. WE ARE ALSO REQUESTING APPROVAL TO ALLOW THE SIZE OF THE SAS TO BE BASED ON A PERCOLATION RATE EMPIRICALLY DERIVED FROM SOIL DATA OBTAINED THROUGH LABORATORY TESTING.



DESIGN CALCULATIONS

FLOW: SIZE FOR 3 BEDROOMS
(3bdrm)(110gpd/bdrm) = 330 gpd 660 PEAK

SEPTIC TANK:
EXISTING 1000 GAL. TANK > 660

LEACHING FIELD:
RATE = (1/.66) sf/gpd FOR PERC RATE= 8mp CLASS I SOIL
MINIMUM SIZE: (330gpd)(1/.66)sf/gpd = 500 sf
USE 8' x 63' = 504sf

PUMP CHAMBER:
CHAMBER CAPACITY: 1000GAL TANK H-10
FOUR 82.5 GAL DOSES PER DAY=12.5 GAL
BACK FLOW=95 GAL
DEPTH OF DOSE: 0.40'
RESERVE VOLUME REQUIRED=330GAL
DEPTH OF RESERVE VOLUME REQUIRED=1.38'

LEGEND

EXISTING CONTOUR	47
EXISTING SPOT GRADE	47x
PROPOSED CONTOUR	50
PROPOSED SPOT GRADE	51x5
WETLAND FLAG	A2 56x12
WETLAND LINE	- - - -

REVISIONS

DATE	DESCRIPTION
6/23/04	25' NO DISTURBANCE ZONE, 50' AND 100' WETLAND SETBACK

SEWAGE DISPOSAL SYSTEM REPAIR PLAN

LOT NUMBER: 332 AREA OF LOT: 22,500sf PLAT NO: []

LOT ADDRESS: 10 ROSEMARIE DRIVE IN SEEKONK, MA

PREPARED FOR: EDWARD BRADY 10 ROSEMARIE DRIVE SEEKONK, MA 02771

SCALE: AS SHOWN DATE: 5/13/04

DESIGNED BY: DRM JOB NO: 04-117 FILE: 10ROSEMARIE.dwg

OSD systems associates, Inc.
45 ASTRAL AVENUE RIVERSIDE, RI 02915
Received
JUN 28 2004
Con. Comm.

THIS PLAN DOES NOT REPRESENT A PROPERTY BOUND SURVEY.