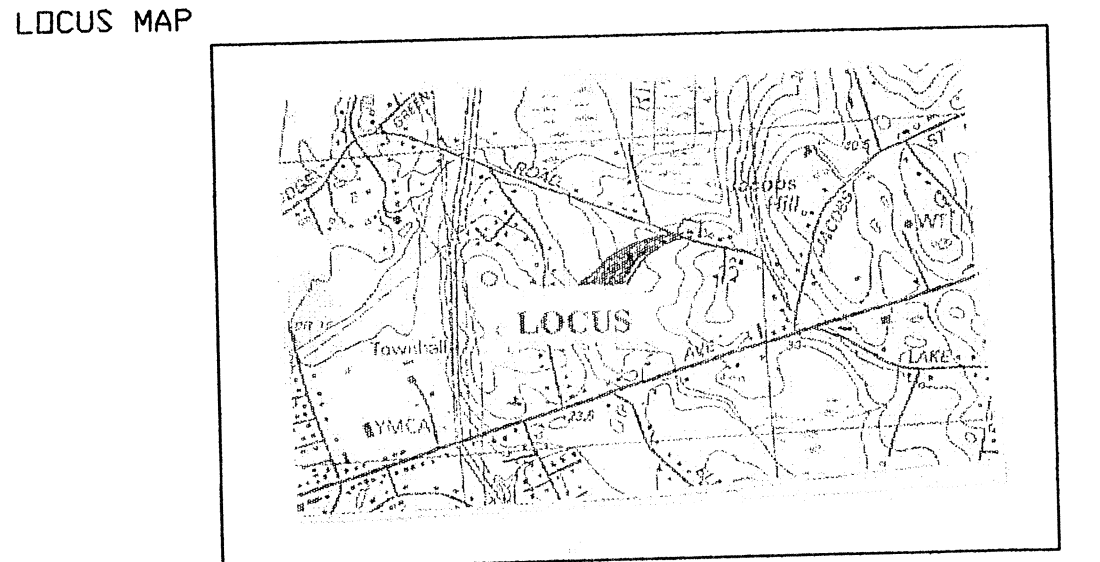
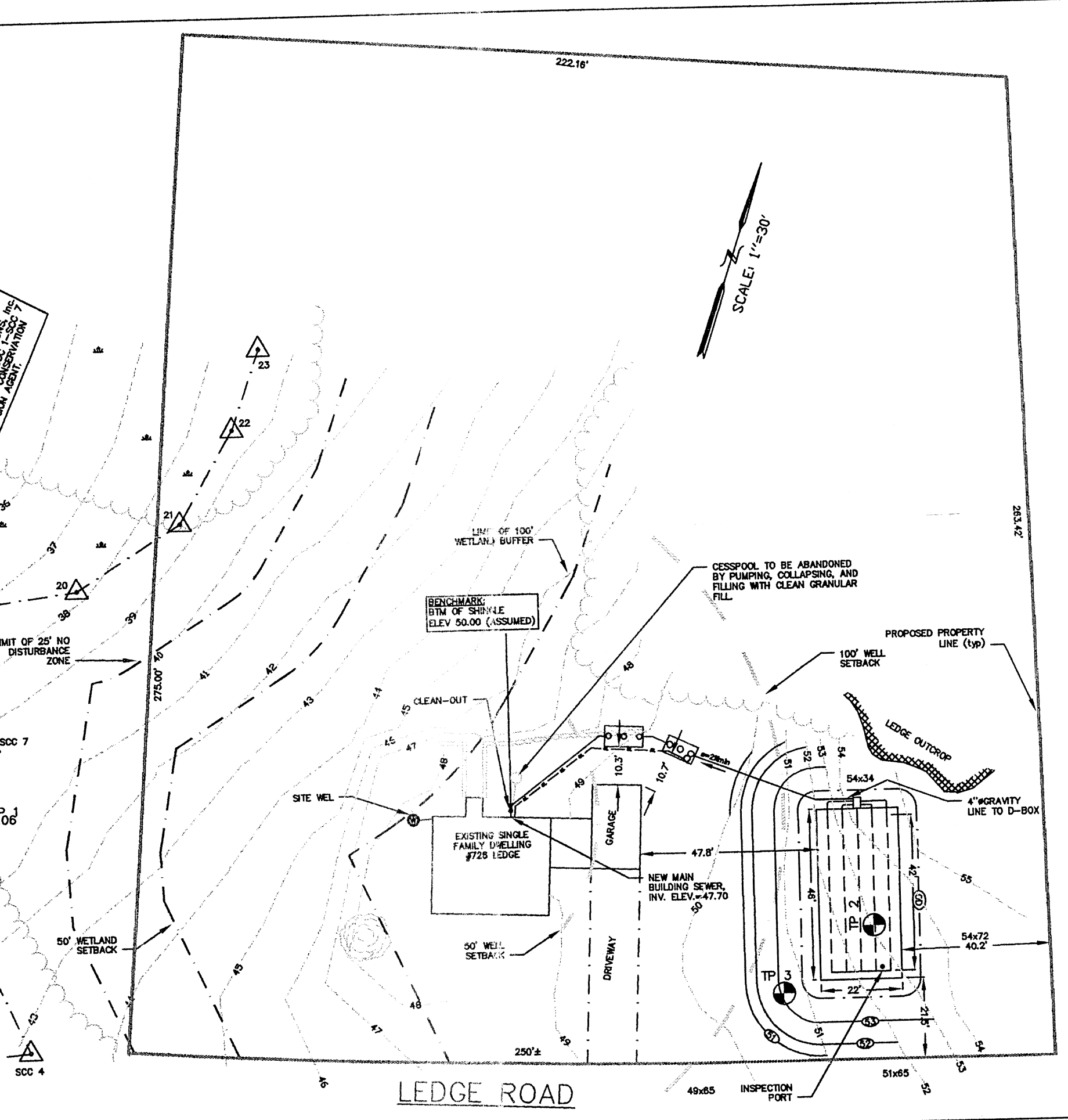


- GENERAL NOTES:**
1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
 2. THIS PLAN IS TO BE USED FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM. THIS PLAN DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE 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 3/4" TO 1 1/2" 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, (D) AS SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT, OR OTHER IMPERVIOUS MATERIALS. THE (D) 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. 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.
 12. THERE SHALL BE NO BACK FILLING PRIOR TO ENGINEERING AND BOARD OF HEALTH INSPECTION AND APPROVAL.
 13. INSPECTION PORT TO BE 4" PERFORATED WITH SCREW TYPE CAP INSTALLED TO WITHIN 3" OF FINAL GRADE.
 14. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED
 15. THE FINISHED GRADE OVER SEPTIC SYSTEM SHALL BE GRADED, LOADED, AND SEEDED.



TEST PIT LOG
NOT TO SCALE

Date Excavated: 4/16/09
Logged by: DEAN MONSEES
Observed by: BETH HALLAL
Board of Health: SEEKONK
Geologic Material: TILL
Landform: DRUMLIN

TEST PIT # 2	ELEV.
0"	53.20
12"	A - SANDY LOAM, 10YR 3/1 52.20
24"	B - SANDY LOAM, 10YR 5/8 51.20
36"	
48"	C1 - SANDY LOAM, 2.5Y 6/3
60"	
72"	EHWGT=47.70-68
84"	C2 - SANDY LOAM, 2.5Y 7/3 46.53
96"	
108"	Bottom 44.20

TEST PIT LOG
NOT TO SCALE

Date Excavated: 4/16/09
Logged by: DEAN MONSEES
Observed by: BETH HALLAL
Board of Health: SEEKONK
Geologic Material: TILL
Landform: DRUMLIN
DESIGN PERCOLATION TEST RATE=30mpl

TEST PIT # 3	ELEV.
0"	50.85
12"	A - SANDY LOAM, 10YR 3/1 49.88
24"	B - SANDY LOAM, 10YR 5/8 48.52
36"	C1 - SANDY LOAM, 2.5Y 6/3
48"	EHWGT=48.85-48 46.85
60"	
72"	SAMPLE LAYER
84"	C2 - SANDY LOAM, 2.5Y 7/3
96"	
108"	
120"	Bottom 40.85

DESIGN CALCULATIONS

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

SEPTIC TANK:
NEW 1500 GAL TANK > 660

LEACHING FIELD:
RATE = (1/.33) sf/gpd FOR PERC = 30mpl CLASS II
MINIMUM SIZE: (330gpd)x(1/.33)sf/gpd = 1000sf
USE LEACHING FIELD 22'x46'=1012sf

LEGEND

DEEP OBSERVATION HOLE	TREE LINE
DISTRIBUTION BOX	TP#1 WETLAND FLAG
SEPTIC TANK	WELL SETBACK
PUMP CHAMBER	EXISTING CONTOUR
PROPOSED CONTOUR	EXISTING SPOT GRADE
	UTILITY LINE

REVISIONS

DATE	DESCRIPTION	DATE
6/10/09	NEW PROPERTY LINES	JUN 12 2009

SEWAGE DISPOSAL SYSTEM REPAIR PLAN

LOT NUMBER: 88 AREA OF PROPOSED 54,217sf +/- PLAT NO.: 18

LOT ADDRESS: 726 LEDGE ROAD IN

SEEKONK, MA 02771

PREPARED FOR: JOHN HENDRICKS
727 LEDGE ROAD
SEEKONK, MA 02771

SCALE: AS SHOWN
DATE: 4/20/09

DESIGNED BY: DRM
JOB NO: 09-107-2
FILE: 726LEDGE.dwg



69-642

OSD systems associates, Inc.
45 ASTRAL AVENUE
RIVERSIDE, R.I. 02915
(401) 438-6216

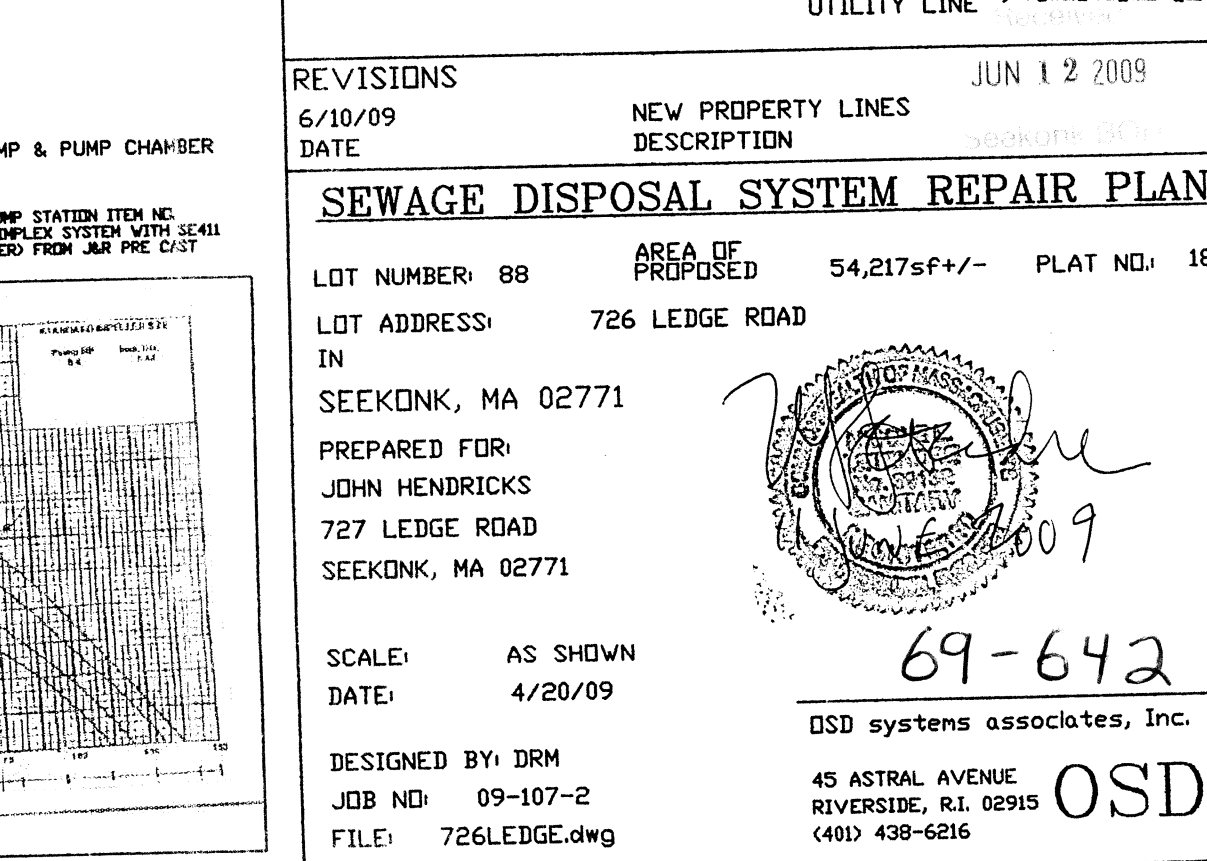
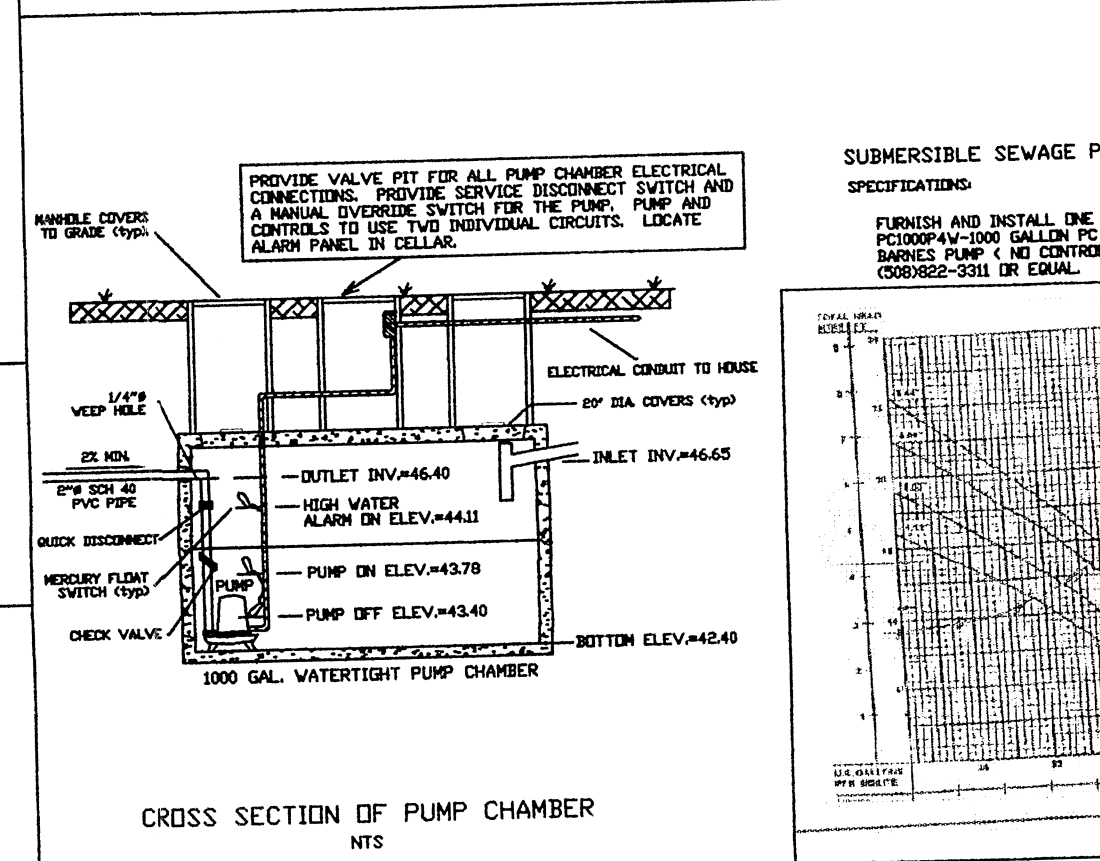
CONSTRUCTION NOTES:

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-BUILT.

THERE ARE NO WELLS WITHIN 200 FEET OF THE PROPOSED SEPTIC LEACHING FACILITY OTHER THAN THOSE SHOWN.

CONSTRUCTION NOTES:

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-BUILT.



VARIANCE REQUESTS:

1) 310 CMR 15.405 (1)(i) CONTENTS OF LOCAL UPGRADE APPROVAL

2) A SIEVE ANALYSIS MAY BE PERFORMED IN ACCORDANCE WITH DEPARTMENT GUIDANCE

3) IF A PERCOLATION TEST IN ACCORDANCE WITH 310 CMR 15.104 AND 15.105 CAN NOT BE PERFORMED AS DETERMINED BY THE LOCAL APPROVING AUTHORITY.

WE ARE REQUESTING A VARIANCE TO ALLOW FOR A SIEVE ANALYSIS TO BE USED TO ESTABLISH A DESIGN PERCOLATION RATE IN PLACE OF A FIELD PERCOLATION TEST.

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