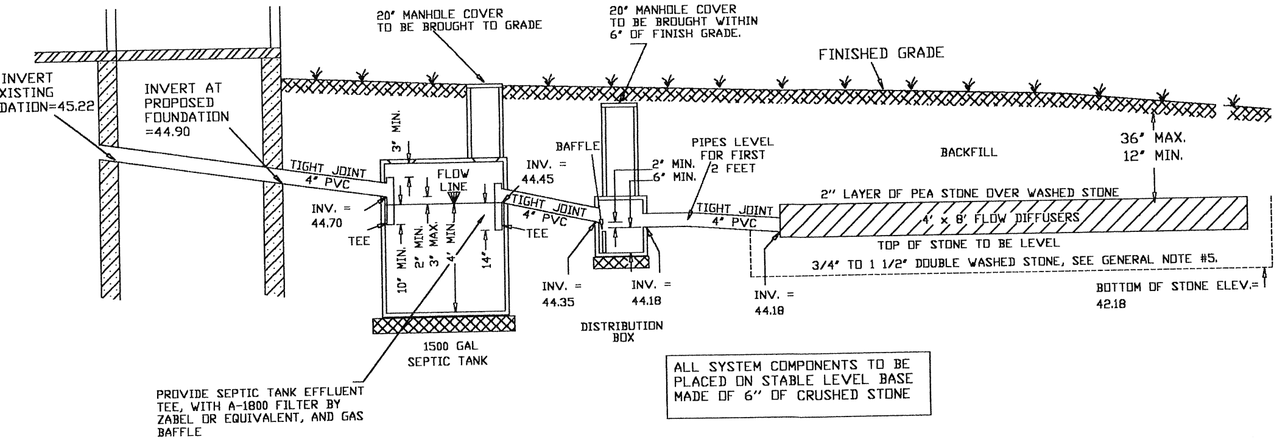
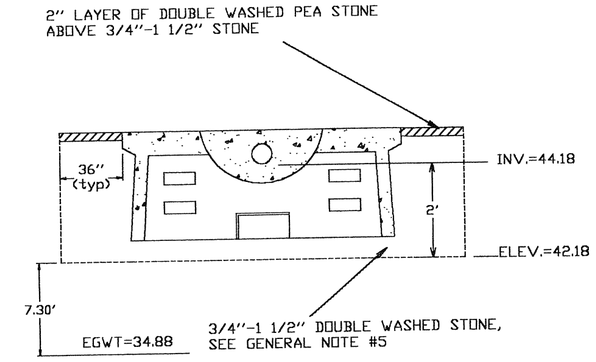


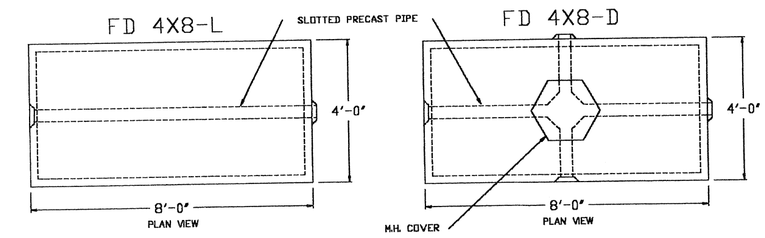
PROFILE OF SYSTEM
NOT TO SCALE



END SECTION
NOT TO SCALE

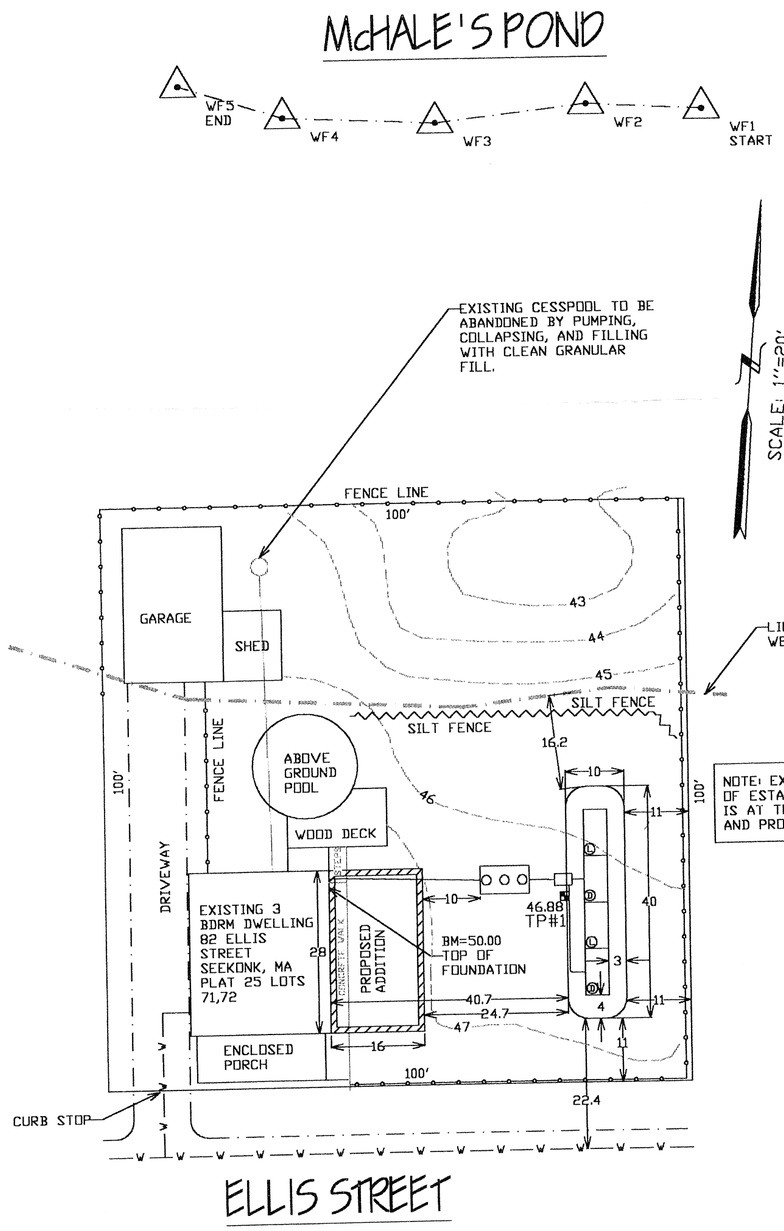
GENERAL NOTES:

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 EXISTING CESSPOOLS SHALL BE ABANDONED BY PUMPING, COLLAPSING, AND FILLING WITH CLEAN GRANULAR FILL.
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.



BY GRANSTONE, Inc. OR EQUAL

FLOWDIFFUSER
NTS

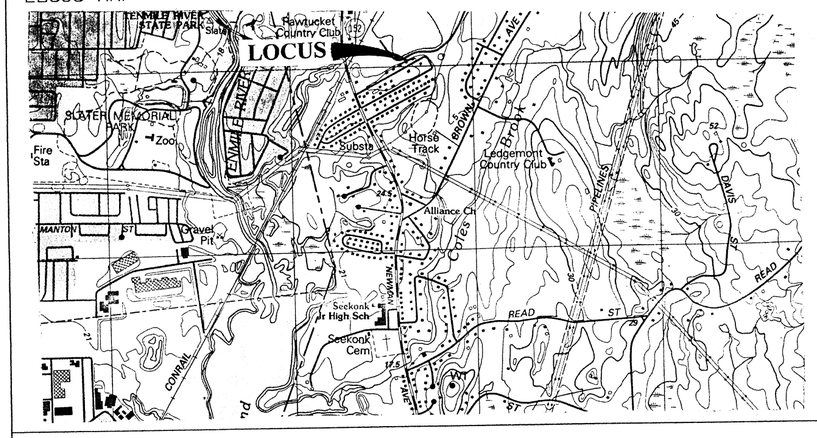


NOTE: EXISTING LIMIT OF ESTABLISHED LAWN IS AT THE FENCE LINE AND PROPERTY LINE.

CONSTRUCTION NOTE:
DSD engineering & associates TO BE NOTIFIED BY THE INSTALLING CONTRACTOR AT THE START OF CONSTRUCTION AND TO BE GIVEN 24 HOUR NOTICE FOR AS-BUILT.

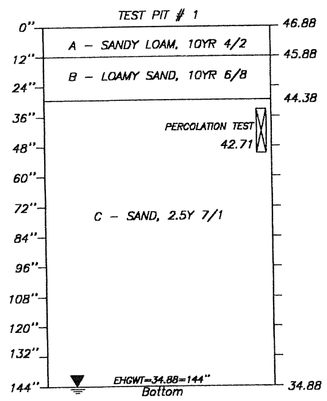
NOTE: THIS PLAN DOES NOT REPRESENT A PROPERTY BOUND SURVEY.

LOCUS MAP



TEST PIT LOG
NOT TO SCALE

Date Excavated: 1/29/03
Logged by: DEAN MONSEES
Observed by: HAROLD CHENEVERT, Jr.
Board of Health: SEEKONK
Geologic Material: Outwash
Landform: Outwash Plain
Design Percolation Rate: <2mpi



DESIGN CALCULATIONS

FLOW: SIZE FOR 4 BEDROOMS
(4bdrm)(110gpd/bdrm) = 440 gpd 880 PEAK

SEPTIC TANK:
NEW 1500 GAL. TANK > 880

LEACHING FIELD:
RATE = (1/0.74) sf/gpd FOR PERC = <2mpi
MINIMUM SIZE: (440gpd)(1/0.74)sf/gpd) = 595 sf
USE 4- 4'x8' FLOW DIFFUSERS WITH 2' OF STONE BEL
THE INVERTS, 3' OF STONE ON THE SIDES AND 4' OF
ON THE ENDS OF THE FLOW DIFFUSERS
SIDE WALLS: 40'x2'x2=160sf
END WALLS: 10'x2'x2=40sf
BOTTOM: 40'x10'=400sf
TOTAL SQUARE FOOTAGE: 160+40+400=600sf>595sf

LEGEND

TEST PIT TP#1
DISTRIBUTION BOX
SEPTIC TANK
FLOW DIFFUSER
WATER LINE —W—W—
EXISTING SPOT GRADE 52.
EXISTING CONTOUR 55
WETLAND LINE/FLAG
LIMIT OF BUFFER
SILT FENCE

REVISIONS

DATE DESCRIPTION

SEWAGE DISPOSAL SYSTEM REPAIR

LOT NUMBER: 71,72 AREA OF LOT: 10,000sf PLAT N

LOT ADDRESS: 82 ELLIS STREET
IN
SEEKONK, MA

PREPARED FOR:
BRIAN LYMAN
82 ELLIS STREET
SEEKONK, MA 02771

SCALE: AS SHOWN
DATE: 1/29/03

DESIGNED BY: DRM
JOB NO: 03-107
FILE: 82ELLIS.dwg

COMMONWEALTH OF MASSACHUSETTS
MICHAEL LEVENDRE
No. 39132
SANITARY
REGISTERED PROFESSIONAL ENGINEER

DSD engineering & assoc
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RIVERSIDE, RI 02915
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Received
FEB 0 4 2003
Con. Comm