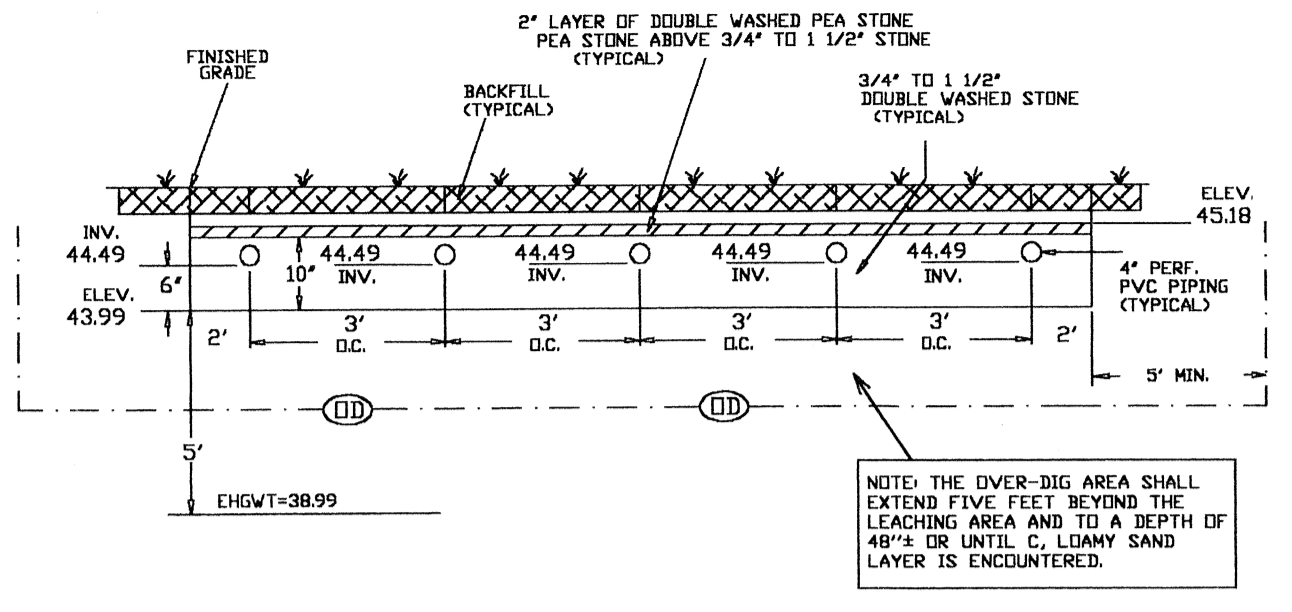
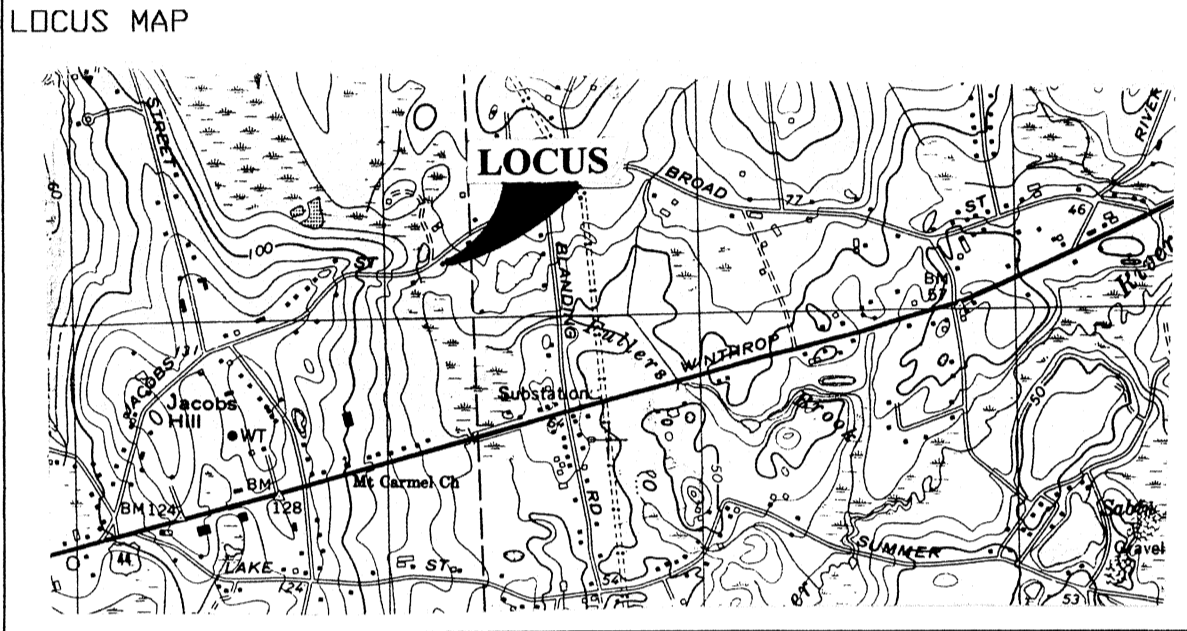
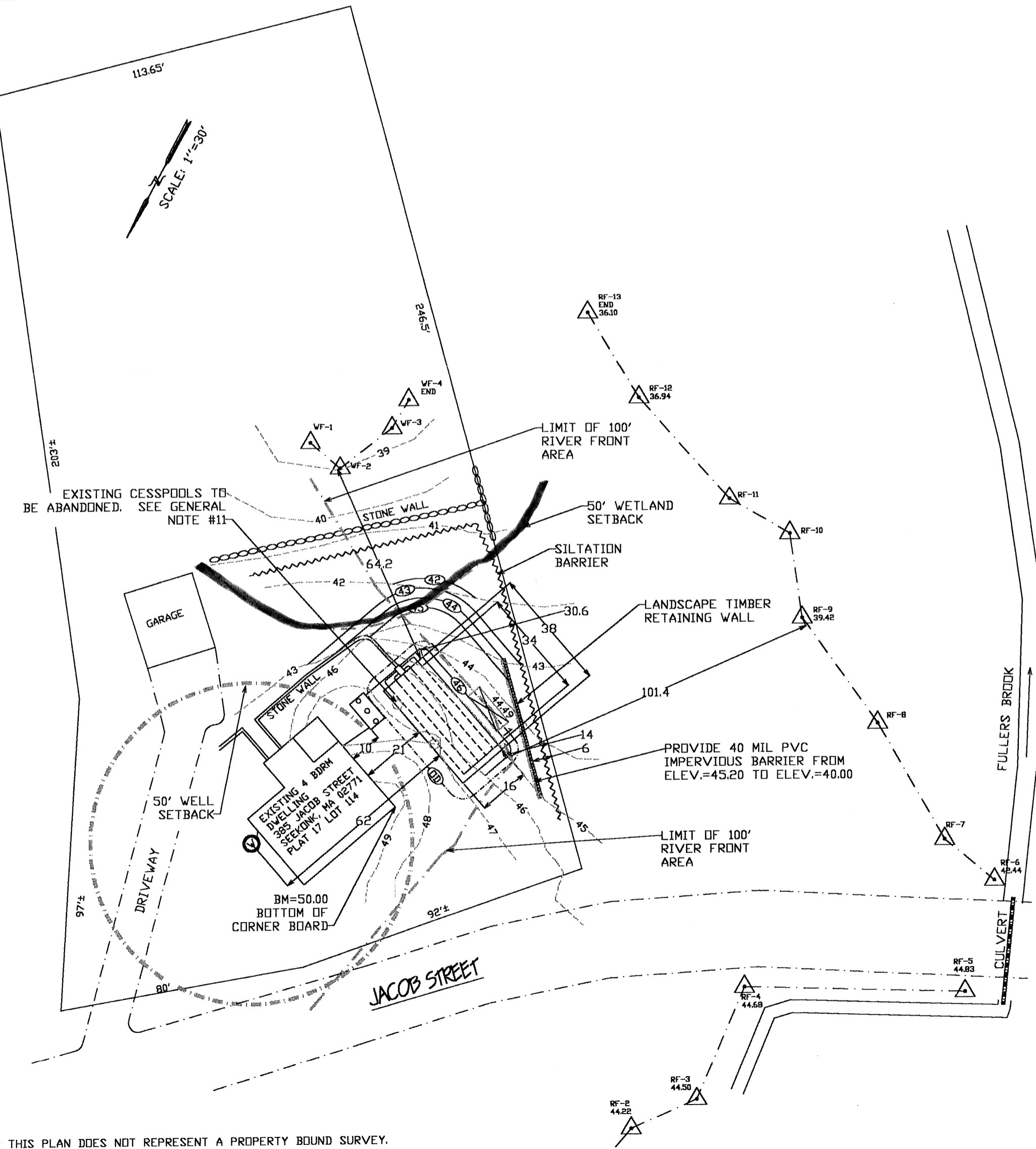


PROFILE OF SYSTEM
NOT TO SCALE



END SECTION THROUGH LEACH FIELD
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 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. 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. THE FINISHED GRADE OVER SEPTIC SYSTEM SHALL BE GRADED, LOAMED, AND SEEDED.



VARIANCE REQUESTS:

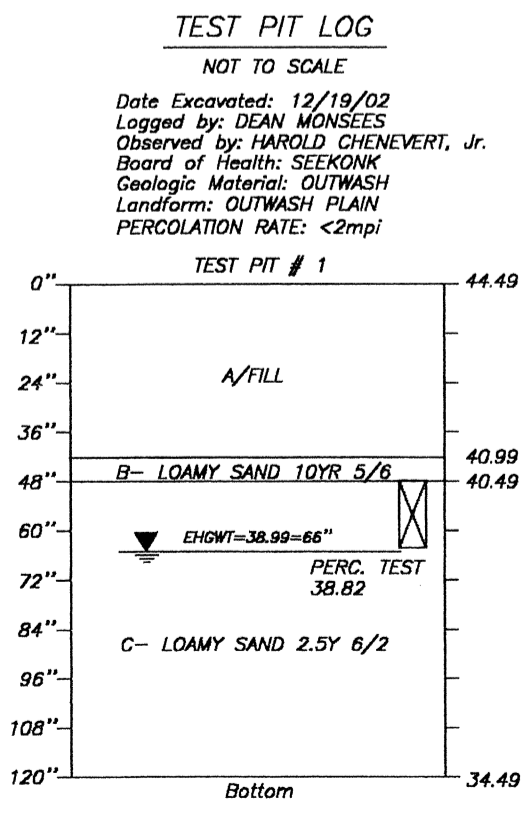
1. 310 CMR 15.211 (1) MINIMUM SETBACK DISTANCES "ALL SYSTEMS MUST CONFORM TO THE MINIMUM SETBACK DISTANCE FOR SEPTIC TANKS AND SOIL ABSORPTION SYSTEMS"

WE ARE REQUESTING A VARIANCE TO REDUCE THE SITE WELL SETBACK DISTANCE TO THE LEACHING FACILITY FROM 100 FEET TO 62 FEET.

CONSTRUCTION NOTES:

LAUNDRY DISCHARGE TO BE CONNECTED TO MAIN BUILDING SEWER.

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.



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/.74) sf/gpd FOR PERC = 2mpi
MINIMUM SIZE: (440gpd)(1/.74)sf/gpd = 595 sf
USE 16' x 38' = 608 sf > 595 sf

LEGEND

TEST PIT		EXISTING SPOT GRADE	52.29
DISTRIBUTION BOX		EXISTING CONTOUR	55
SEPTIC TANK		PROPOSED CONTOUR	46
LIMIT OF RIVER EDGE		LIMIT OF RESOURCE SETBACK	
LIMIT OF WETLAND			

REVISIONS

DATE	DESCRIPTION
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SEWAGE DISPOSAL SYSTEM REPAIR

LOT NUMBERS: 114 AREA OF LOT: 38,768sf +/- PLAT NO

LOT ADDRESS: 385 JACOB STREET IN

SEEKONK, MA

PREPARED FOR: DAVID EVANS

282 LAKE STREET SEEKONK, MA 02771

SCALE: AS SHOWN
DATE: DECEMBER 31, 2002

DESIGNED BY: DRM
JOB NO: 02-172
FILE: 385JACOB.dwg

DSD engineering & associates
CIVIL ENGINEERS
45 ASTRAL AVENUE
RIVERSIDE, R.I. 02915
(401) 438-6216

THIS PLAN DOES NOT REPRESENT A PROPERTY BOUND SURVEY.