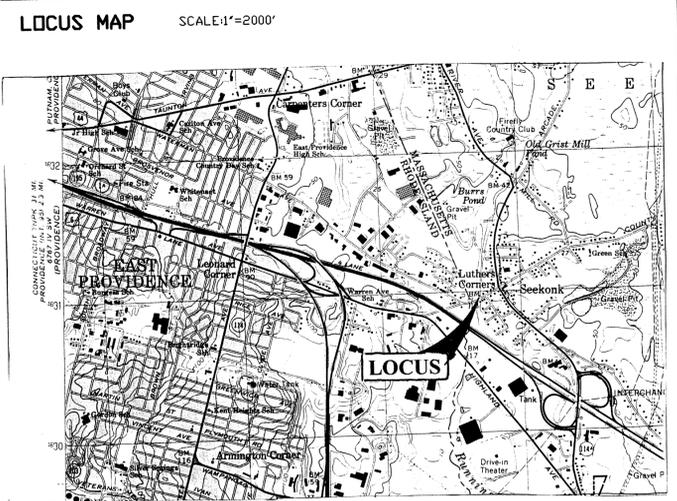


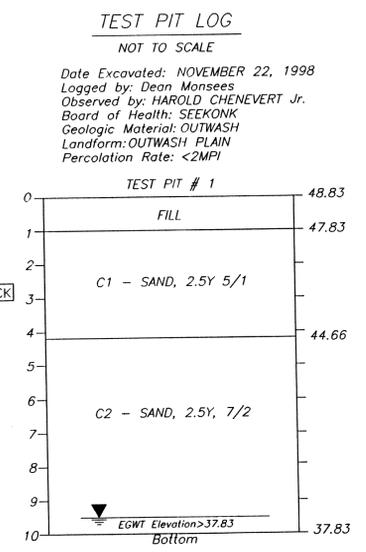
- GENERAL NOTES**
- ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
 - THIS PLAN IS TO BE USED ONLY FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM AND DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE NOTED.
 - THE PROPOSED SYSTEM SHOWN HEREON IS NOT DESIGNED FOR THE USE OF A GARBAGE DISPOSAL AND SAID USE IS NOT ALLOWED.
 - THE SEPTIC TANK SHOULD BE PUMPED OUT EVERY ONE TO TWO YEARS DEPENDING ON USE.
 - ALL WASHED STONE IN TRENCHES MUST HAVE LESS THAN 0.2 PERCENT MATERIAL FINER THAN A NUMBER 200 SIEVE AS DETERMINED BY THE A.A.S.H.T.O. (AS MOST RECENTLY AMENDED) AND BE DOUBLE WASHED.
 - TIGHT JOINT PIPING TO CONSIST OF POLYVINYL CHLORIDE PIPE (PVC) SCHEDULE 40, UNLESS OTHERWISE NOTED.
 - NO PERMANENT STRUCTURE MAY BE CONSTRUCTED OVER THE EXPANSION AREA.
 - BEFORE BEGINNING ANY EXCAVATION OR DEMOLITION CALL "DIG-SAFE" AT 1-888-344-7233 TO NOTIFY MEMBER UTILITIES.



VARIANCE REQUEST:

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 SOIL ABSORPTION SYSTEM SETBACK DISTANCE FOR THE SIDE PROPERTY LINE FROM 10 FEET TO 5.5 AND 7 FEET AND FOR THE FOUNDATION FROM 20 FEET TO 8.6 FEET.



PERCOLATION TESTS

PERCOLATION TEST # 1 DATE: 11/22/98
PERCOLATION RATE: 2 MIN./IN.
DEPTH OF PERC: 50'
DESIGN PERCOLATION RATE: 2 MINS. PER INCH

BENCH MARKS

TEMPORARY BENCH MARK # 1 ASSUMED DATUM 50.00
DESCRIPTION: TOP OF FOUNDATION AS SHOWN

DESIGN CALCULATIONS

NUMBER OF BEDROOMS 4 X 110 GALLONS PER BEDROOM = TOTAL DAILY FLOW 440 GPD.
LEACHING AREA CALCULATION
CLASS I SOIL, PERC RATE <2 MIN./IN
LOADING RATE = 0.74 GPD/SF
440 GPD x (1/.74) SF/GPD = 595 SF

USE 4-8'x4' FLOW DIFFUSERS
SIDE WALL: (40'x2'x2)+(10'x2'x2)=200 SF
BOTTOM: 40x10=400 SF
TOTAL AREA PROVIDED=200+400=600SF

DESIGN ELEVATIONS

HOUSE ELEVATIONS:
FIRST FLOOR: EXISTING
GARAGE FLOOR: EXISTING
BUILDING SEWER AT FOUNDATION: 46.13
BASEMENT FLOOR: EXISTING

SEPTIC TANK:
SIZE OF SEPTIC TANK: 1500 GALLONS
INLET: 45.90 OUTLET: 45.65

DISTRIBUTION BOX: (WITH BAFFLE)
INLET: 45.44 OUTLETS: 45.27

LEGEND

PERCOLATION TEST	⊙	WETLAND FLAG	WF#
DEEP OBSERVATION HOLE	⊗	WETLAND SETBACK/BUFFER LINE	---
DISTRIBUTION BOX	⊕	EXISTING SPOT GRADE	47.938
SEPTIC TANK	⊖	EXISTING CONTOUR	---
EXISTING WATER LINE	-v-	20 MIL MEMBRANE	---
		H-20 MANHOLE TO GRADE	(M)
		SILTATION BARRIER	○

REVISIONS

DATE	DESCRIPTION

REPAIR SEWAGE DISPOSAL SYSTEM PLAN

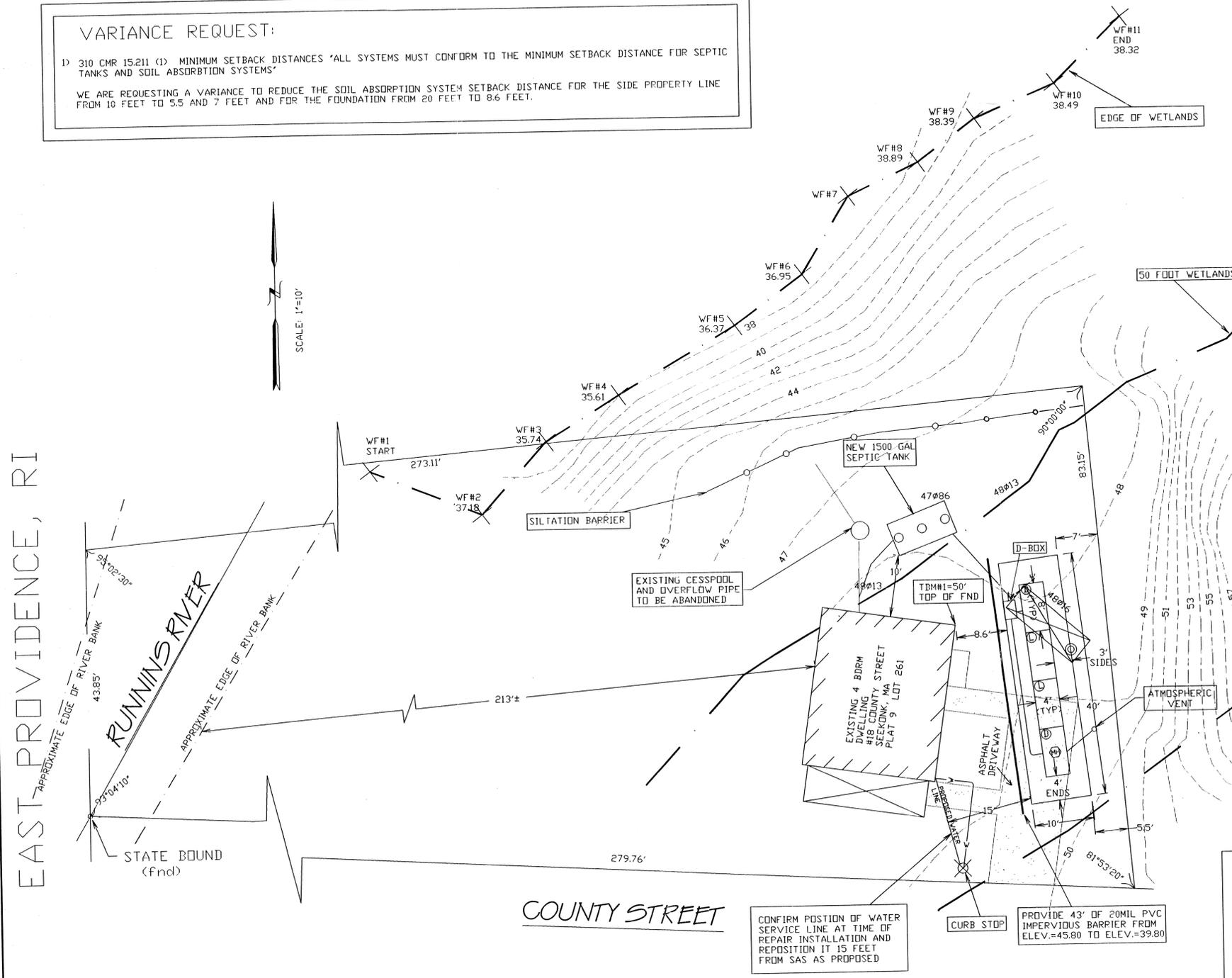
LOT NUMBER: 261 AREA OF LOT: 17,479 SF PLAT NO.: 9
LOT ADDRESS: 18 COUNTY STREET
IN
SEEKONK, MASS.
PREPARED FOR:
NANCY BORGES
18 COUNTY STREET
SEEKONK, MA 02771



SCALE: AS SHOWN
DATE: DECEMBER 7, 1998

DESIGNED BY: DRM
JOB NO: 98-163
FILE: 18COUNTY.DWG

69-406
OSD engineering & associates
CIVIL ENGINEERS
45 ASTRAL AVENUE
RIVERSIDE, R.I.
(401) 438-6216



SEEKONK NOTES

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THERE ARE NO WATER WELLS WITHIN 100 FT. OF THE PROPOSED SEPTIC SYSTEM REPAIR.

I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT FOR THE LOCATION OF THE EXISTING WATER SERVICE CURB STOP TO LOT 261 AND IT IS SHOWN CORRECTLY. THE WATER SERVICE SHOWN ON THIS PLAN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE SEEKONK WATER DISTRICT.