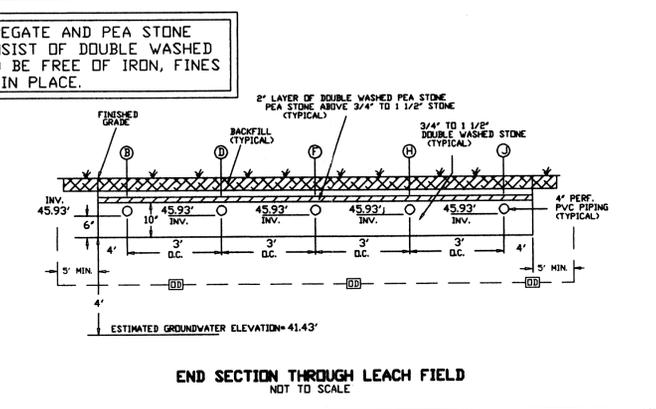
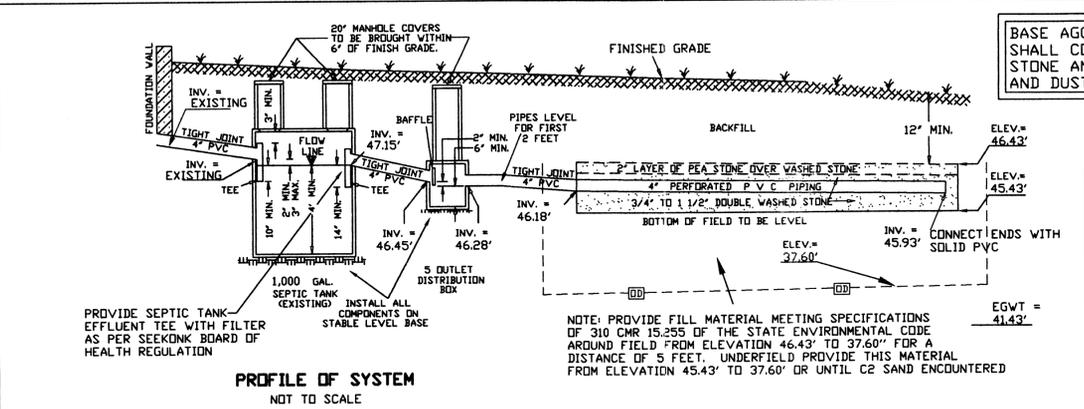


**GENERAL NOTES**

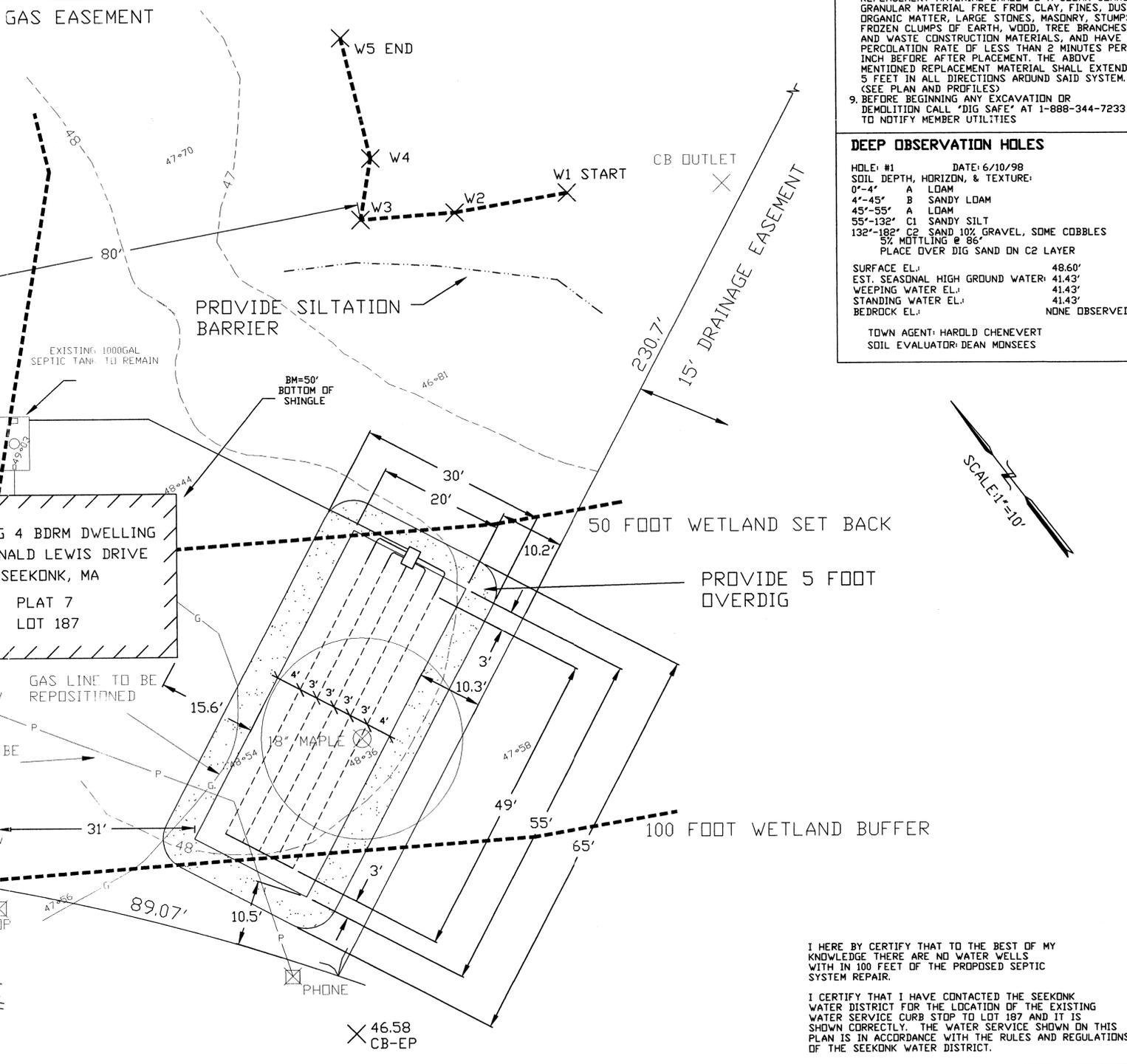
- ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
- THIS PLAN IS TO BE USED ONLY FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM AND DOES NOT REPRESENT ACTUAL BUILT CONDITIONS UNLESS OTHERWISE NOTED.
- THE PROPOSED SYSTEM SHOWN HEREIN 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 FIELD 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 CONSTRUCTION AREA.
- THE CLEARING AREA AS SHOWN HEREIN IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT OR OTHER IMPERVIOUS MATERIALS. THE CLEARING AREA EXTENDS 5 FEET IN ALL DIRECTIONS AROUND THE PROPOSED SYSTEM. THE REPLACEMENT MATERIAL SHALL BE A CLEAN COARSE GRANULAR MATERIAL FREE FROM CLAY, FINES, DUST, ORGANIC MATTER, LARGE STONES, MASONRY, STUMPS, FROZEN CLUMPS OF EARTH, WOOD, TREE BRANCHES AND WASTE CONSTRUCTION MATERIALS, AND HAVE A PERCOLATION RATE OF LESS THAN 2 MINUTES PER INCH BEFORE AFTER PLACEMENT. THE ABOVE MENTIONED REPLACEMENT MATERIAL SHALL EXTEND 5 FEET IN ALL DIRECTIONS AROUND SAID SYSTEM. (SEE PLAN AND PROFILES)
- 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 A CELLAR WALL FROM 20 FEET TO 15.6' FEET.



**DEEP OBSERVATION HOLES**

HOLE #1 DATE: 6/10/98

SOIL DEPTH, HORIZON, & TEXTURE:

- 0'-4" A LOAM
- 4'-45" B SANDY LOAM
- 45'-55" A LOAM
- 55'-132" C1 SANDY SILT
- 132'-182" C2 SAND 10% GRAVEL, SOME COBBLES
- 5% MOTTLING @ 86'
- PLACE OVER DIG SAND ON C2 LAYER

SURFACE EL.: 48.60'

EST. SEASONAL HIGH GROUND WATER: 41.43'

WEeping WATER EL.: 41.43'

STANDING WATER EL.: 41.43'

BEDROCK EL.: NONE OBSERVED

TOWN AGENT: HAROLD CHENEVERT

SOIL EVALUATOR: DEAN MONSEES

**PERCOLATION TEST**

PERCOLATION TEST #1 DATE: 6/10/98

PERCOLATION RATE: 25 MIN/IN

DEPTH OF PERC: BOTTOM=114"

DESIGN PERCOLATION RATE: 25 MINS. PER INCH

**BENCH MARKS**

TEMPORARY BENCH MARK #1 ASSUMED DATUM=50.00'

DESCRIPTION: BOTTOM OF SHINGLE AS SHOWN

**DESIGN CALCULATIONS**

FLOW: (4 BDRM)(110GPD/BDRM) = 440GPD -- 880 PEAK

SEPTIC TANK: USE 1000 GAL > 880 GAL

LEACHING FIELD: RATE = 2.50SF/GPD FOR PERC = 25 MINS/IN

MINIMUM SIZE: (440GPD)(2.50SF/GPD)=1100SF

USE 20'x55' = 1100SF

**DESIGN ELEVATIONS**

HOUSE ELEVATIONS:	TRENCH INVERTS:	
BUILDING SEWER AT FOUNDATION: EXISTING	(A) 46.18'	(B) 45.93'
SEPTIC TANK: INLET: EXISTING	(C) 46.18'	(D) 45.93'
SEPTIC TANK: OUTLET: 47.15'	(E) 46.18'	(F) 45.93'
DISTRIBUTION BOX: (WITH BAFFLE) INLET: 46.45'	(G) 46.18'	(H) 45.93'
DISTRIBUTION BOX: (WITH BAFFLE) OUTLETS: 46.28'	(I) 46.18'	(J) 45.93'

**LEGEND**

TEST PIT		PERFORATED PIPE	
DISTRIBUTION BOX		SILTATION BARRIER	
SEPTIC TANK		EXISTING GRADE	
WATER LINE		EXISTING SPOT GRADE	
GAS LINE		WETLAND FLAG	
PHONE LINE			

**SEWAGE DISPOSAL SYSTEM**

LOT NUMBER: 187 AREA OF LOT: 33,351 SF ASSESSORS MAP: AP7

LOT ADDRESS: 21 DONALD LEWIS DRIVE

IN SEEKONK, MA

PREPARED FOR:

THOMAS & DIANE PESATAURO  
21 DONALD LEWIS DRIVE  
SEEKONK, MA 02771

SCALE: AS SHOWN

DATE: JUNE 12, 1998

REVISIONS:

DESIGNED BY: DEAN R. MONSEES

JOB NO: 98-128

FILE: 21DONLEW.DWG

OSD engineering & associates  
CIVIL ENGINEERS  
62 WATSON STREET  
SEEKONK, MA 02771  
(508) 336-3903

OSD

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THERE ARE NO WATER WELLS WITH IN 100 FEET 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 187 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.