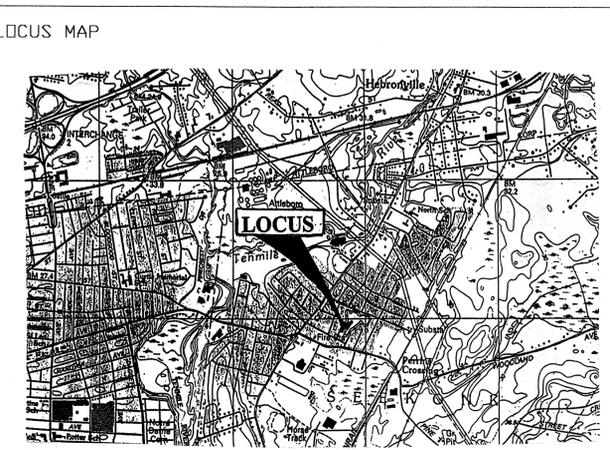


**GENERAL NOTES**

- 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 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 BASE AGGREGATE FOR LEACHING STRUCTURES SHALL CONSIST OF DOUBLE WASHED STONE FREE OF IRON, FINES, AND DUST IN PLACE.
- 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.
- BEFORE BEGINNING ANY EXCAVATION OR DEMOLITION CALL "DIG SAFE" AT 1-888-344-7233 TO NOTIFY MEMBER UTILITIES.
- THE GRADE ABOVE AND ADJACENT TO THE LEACHING FACILITY SHALL BE SLOPED TO PREVENT THE ACCUMULATION OF SURFACE DRAINAGE (2% MINIMUM SLOPE).
- IF SOILS ASSOCIATED WITH FAILED LEACHING SYSTEMS ARE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR SHALL REMOVE AND REPLACE WITH CLEAN GRANULAR MATERIAL MEETING THE SPECIFICATIONS OF 310 CMR 15.255(3).
- THE OVER-DIG AREA, AS SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT OR OTHER IMPERVIOUS MATERIALS. THE IDL 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.



**PERCOLATION TESTS**

PERCOLATION TEST #:	1	DATE:	4/21/99	PERCOLATION TEST #:	2	DATE:	4/21/99
PERCOLATION RATE:	2	MIN./IN.		PERCOLATION RATE:	2	MIN./IN.	
DEPTH OF PERC:	85"			DEPTH OF PERC:	69"		

DESIGN PERCOLATION RATE: 2 MIN/INCH      DESIGN PERCOLATION RATE: 2 MIN/INCH

**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.

**DESIGN CALCULATIONS**

FLOW:  
(3BDRM)(110GPD/BDRM) = 330 GPD

SEPTIC TANK:  
NEW 1500 GAL. TANK

LEACHING FIELD:  
RATE = 1.35 SF/GPD FOR PERC = 2 MINS/IN  
MINIMUM SIZE: (330GPD)(1.35SF/GPD) = 445.5 SF  
USE 14'x32' = 448 SF > 445.5 SF

**REVISIONS**

DATE	DESCRIPTION
7/13/02	DRIVEWAY TURNAROUND, INCREASE WETLAND BARRIER DENSITY
6/6/02	NEW GRADING AND DRIVEWAY PER EXISTING HOUSE FOUNDATION
12/7/99	SHOW WETLAND BARRIER VEGETATION, PROVIDE CONCRETE BLOCK RETAINING WALL CROSS SECTIONS (SEE PAGE 2 OF 2)
11/20/99	NEW WETLAND FLAGGING, REMOVE GARAGE, REPOSITION HOUSE, PROVIDE WETLAND BARRIER

**DESIGN ELEVATIONS**

**HOUSE ELEVATIONS:**  
BUILDING SEWER AT FOUNDATION: 98.98

**SEPTIC TANK:**  
SIZE OF SEPTIC TANK: 1500 GALLONS  
INLET: 98.74      OUTLET: 98.49

**DISTRIBUTION BOX: (WITH BAFFLE)**  
INLET: 98.39      OUTLETS: 98.22

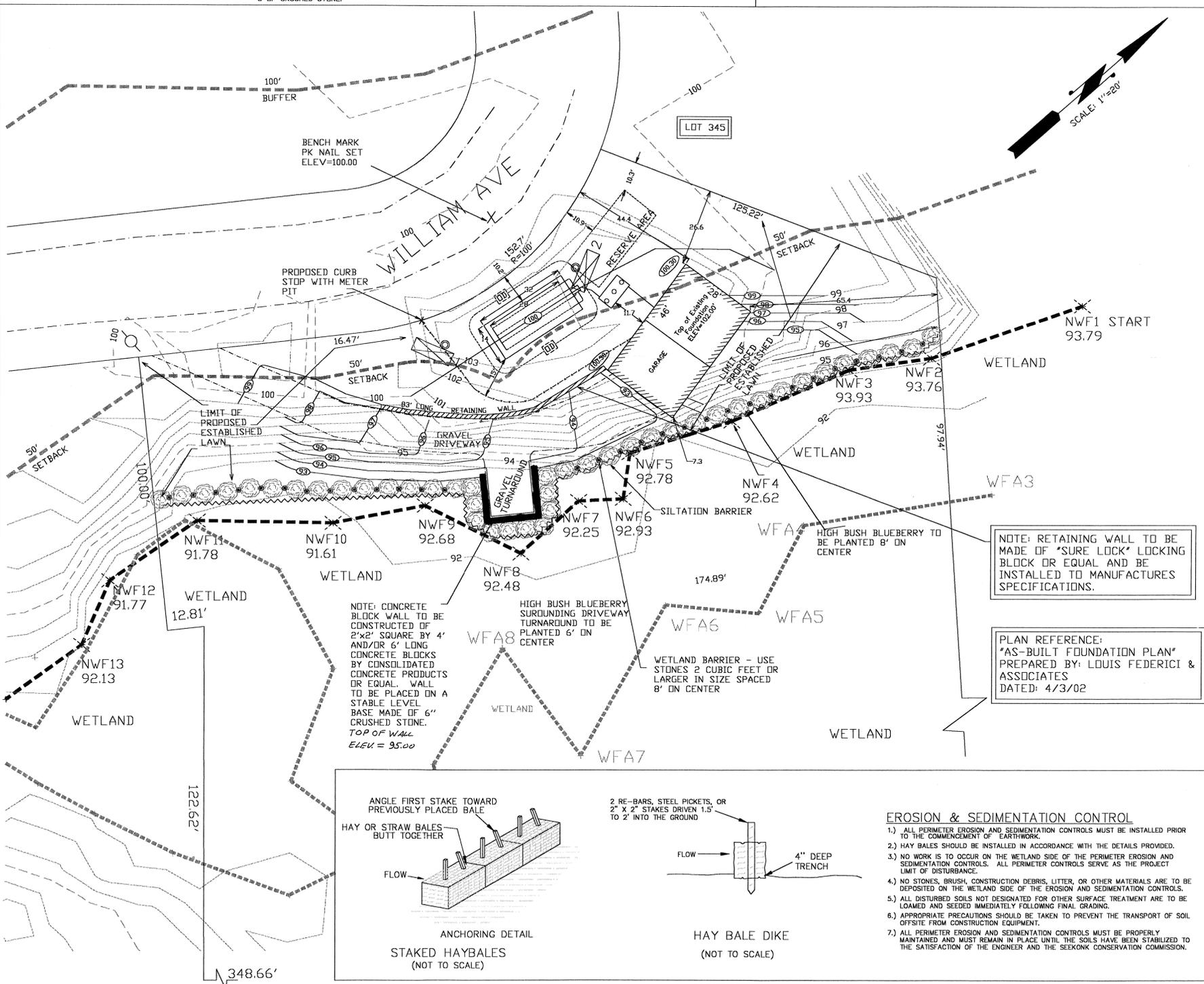
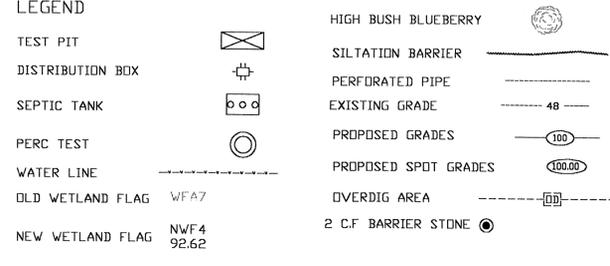
**DISTAL ENDS OF LATERALS:**  
98.08

**DEEP OBSERVATION HOLES**

HOLE #	DATE	SOIL DEPTH, HORIZON, & TEXTURE:
#1	4/21/99	0'-55' FILL 55'-58' A/B SANDY LOAM 58'-180' C SAND
#2	4/21/99	0'-19' FILL 19'-30' A SANDY LOAM 30'-47' B SANDY LOAM 47'-138' C SAND

SURFACE EL.: 102.50  
EST. SEASONAL HIGH GROUND WATER: 92.58  
WEeping WATER EL.: NOT OBS  
STANDING WATER EL.: NOT OBS  
BEDROCK EL.: NOT OBS

TOWN AGENT: HAROLD CHENEVERT, JR.  
SOIL EVALUATOR: DEAN MONSEES



**SEWAGE DISPOSAL SYSTEM**

LOT NUMBER: 345      AREA OF LOT: 23938 +/-      MAP# 33      **Received**

LOT ADDRESS: WILLIAM AVE      **JUL 15 2002**

IN SEEKONK, MASS.      **Con. Comm.**

PREPARED FOR:      **69-422**

TED GAMBOA  
49 ROBIN HOOD DRIVE  
SEEKONK, MA. 02771

SCALE: AS SHOWN  
DATE: AUGUST 14, 1999  
REVISIONS:

JOB NO: 99-144  
FILE: MASTERWILLIAM

DSD engineering & associates  
CIVIL ENGINEERS  
49 ASTRAL AVENUE  
RIVERSIDE, RI 02915  
(401) 438-6216

**OSD**