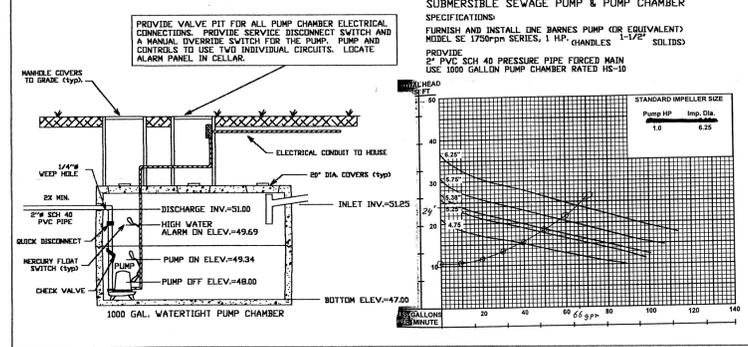
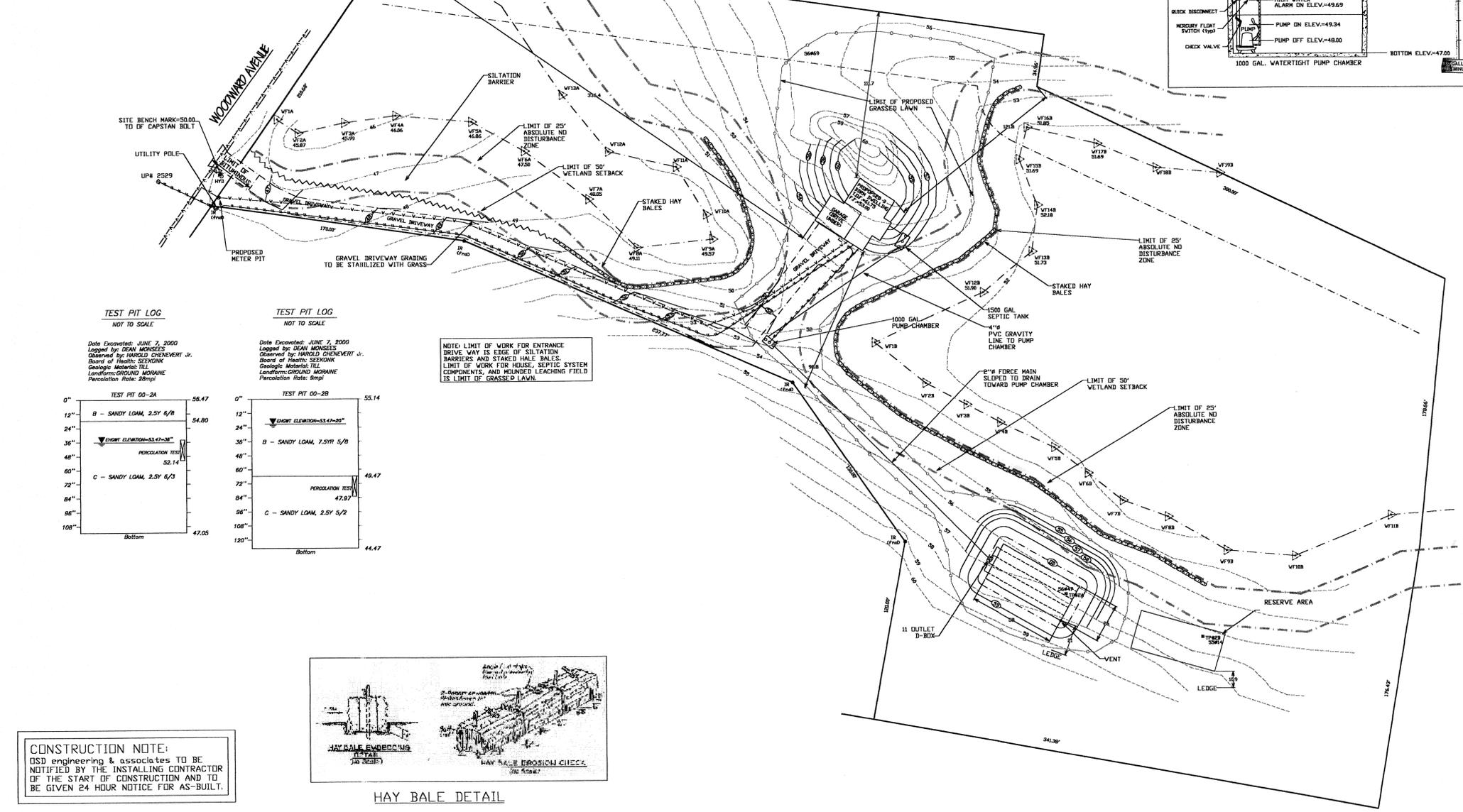


- GENERAL NOTES**
1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
  2. THIS PLAN IS TO BE USED ONLY FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM AND DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE 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 ANY SEPTIC COMPONENTS.
  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 (D) AS SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT OR OTHER IMPERVIOUS MATERIALS. THE (D) AREA EXTENDS 5 FEET HORIZONTALLY AROUND THE PROPOSED SYSTEM AND TO THE DEPTH SPECIFIED. THE REPLACEMENT MATERIAL SHALL MEET SPECIFICATIONS OF 3/4 CMR 15.255 OF THE STATE ENVIRONMENTAL CODE.
  11. WATER TABLES FLUCTUATE ANNUALLY. NO GUARANTEE OF A DRY CELLAR IS EXPRESSED OR IMPLIED.

**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.

I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT FOR THE LOCATION OF THE EXISTING WATER SERVICE CURB STOP TO LOT 2 AND WAS INFORMED THERE IS NO CURB STOP CURRENTLY FOR THIS LOT. THE WATER SERVICE SHOWN ON THIS PLAN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE SEEKONK WATER DISTRICT.



**DESIGN CALCULATIONS**

FLOW:  
 $(3bdm)(110\text{gpd}/bdm) = 330\text{ gpd}$  660 PEAK  
 USE 1500 GAL. TANK > 660

LEACHING FIELD:  
 RATE: USE 30mpd CLASS II FOR SIZING FIELD  
 $\text{RATE} = (1/0.33) \text{ sf/gpd}$   
 $\text{MINIMUM SIZE} = (330\text{gpd}) / (1/0.33\text{sf/gpd}) = 1000\text{sf}$   
 50% UPSIZE PER SEEKONK B.O.H. REGULATION:  $1000\text{sf} \times 1.50 = 1500\text{sf}$   
 USE 26'x58' = 1,508sf

PUMP CHAMBER:  
 CHAMBER CAPACITY: 1000GAL. TANK H-10  
 ONE 330GAL. DOSE PER DAY + 32.8GAL. BACKFLOW = 362.8GAL.  
 DEPTH OF DOSE: 1.34'  
 RESERVE VOLUME REQUIRED = 330GAL.  
 DEPTH OF RESERVE VOLUME REQUIRED = 1.22'  
 RESERVE VOLUME PROVIDED = 515.7GAL.

**LEGEND**

DEEP OBSERVATION HOLE	TP#1	EXISTING CONTOUR	47
DISTRIBUTION BOX	□	EXISTING SPOT GRADE	47#30
SEPTIC TANK	□	PROPOSED CONTOUR	47
PUMP CHAMBER	□	PROPOSED SPOT GRADE	47#30
WATER LINE	—	WETLAND FLAG	W#9
UTILITY LINE	—	WETLAND SETBACKS	—
OVER-DIG LIMIT	(D)	SILTATION BARRIER	—
LIMIT OF GRASS	—	HAY BALE	—

**REVISIONS**

DATE	DESCRIPTION

**SITE DEVELOPMENT AND SEWAGE DISPOSAL SYSTEM PLAN**

LOT NUMBER: 2    AREA OF LOT: 14,506sf    PLAT NO.: 23  
 LOT ADDRESS: WOODWARD AVENUE  
 IN SEEKONK, MASS.    69-465  
 PREPARED FOR:  
 MARC LAVERDIERE  
 238 CENTRAL AVENUE  
 SEEKONK, MA 02771

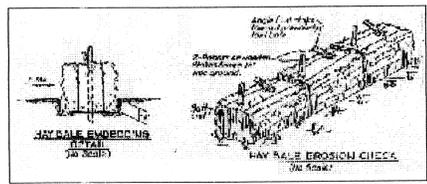
SCALE: AS SHOWN  
 DATE: MAY 9, 2001

DESIGNED BY: DRM  
 JOB NO: 01-113  
 FILE: WOODWARDLOT2.dwg

Received  
 APR 17 2001  
 Con. Comm.

OSD engineering & associates  
 CIVIL ENGINEERS  
 45 ASTRAL AVENUE  
 RIVERSIDE, RI 02881  
 (401) 438-6216

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



HAY BALE DETAIL

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