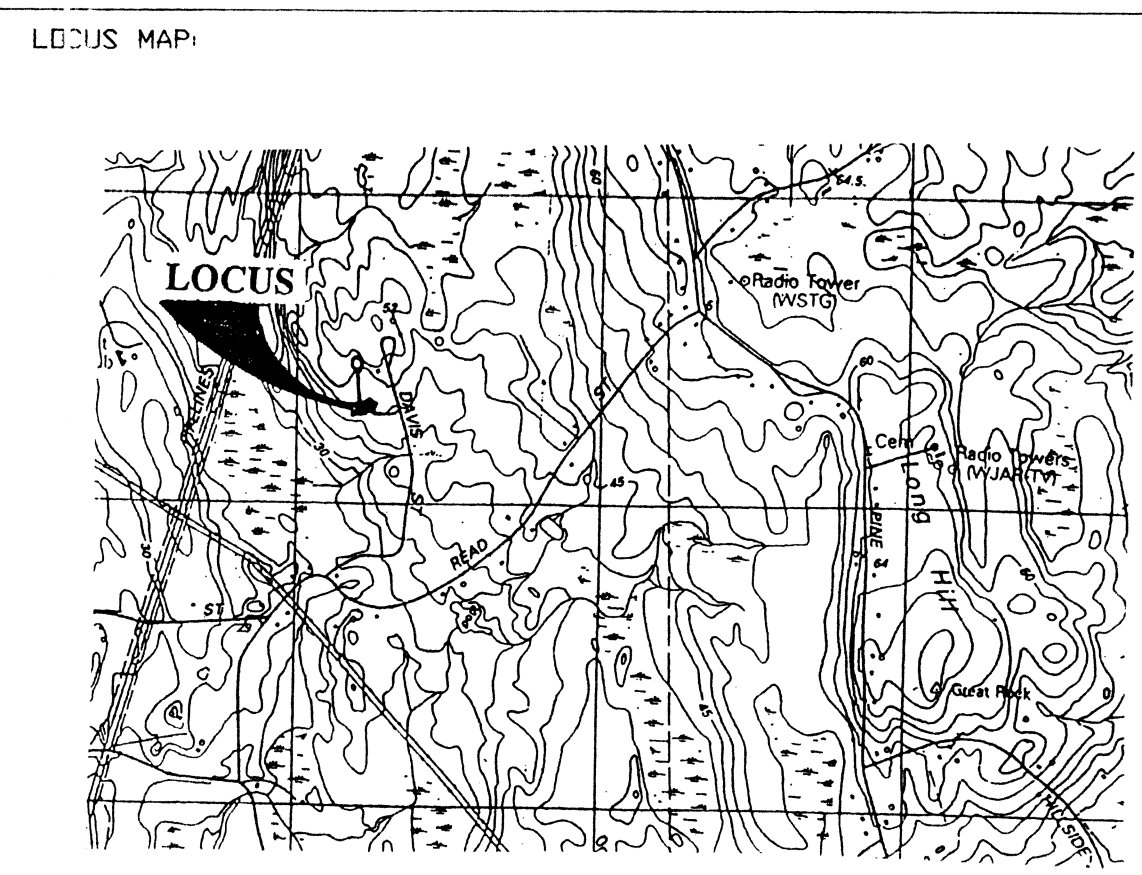
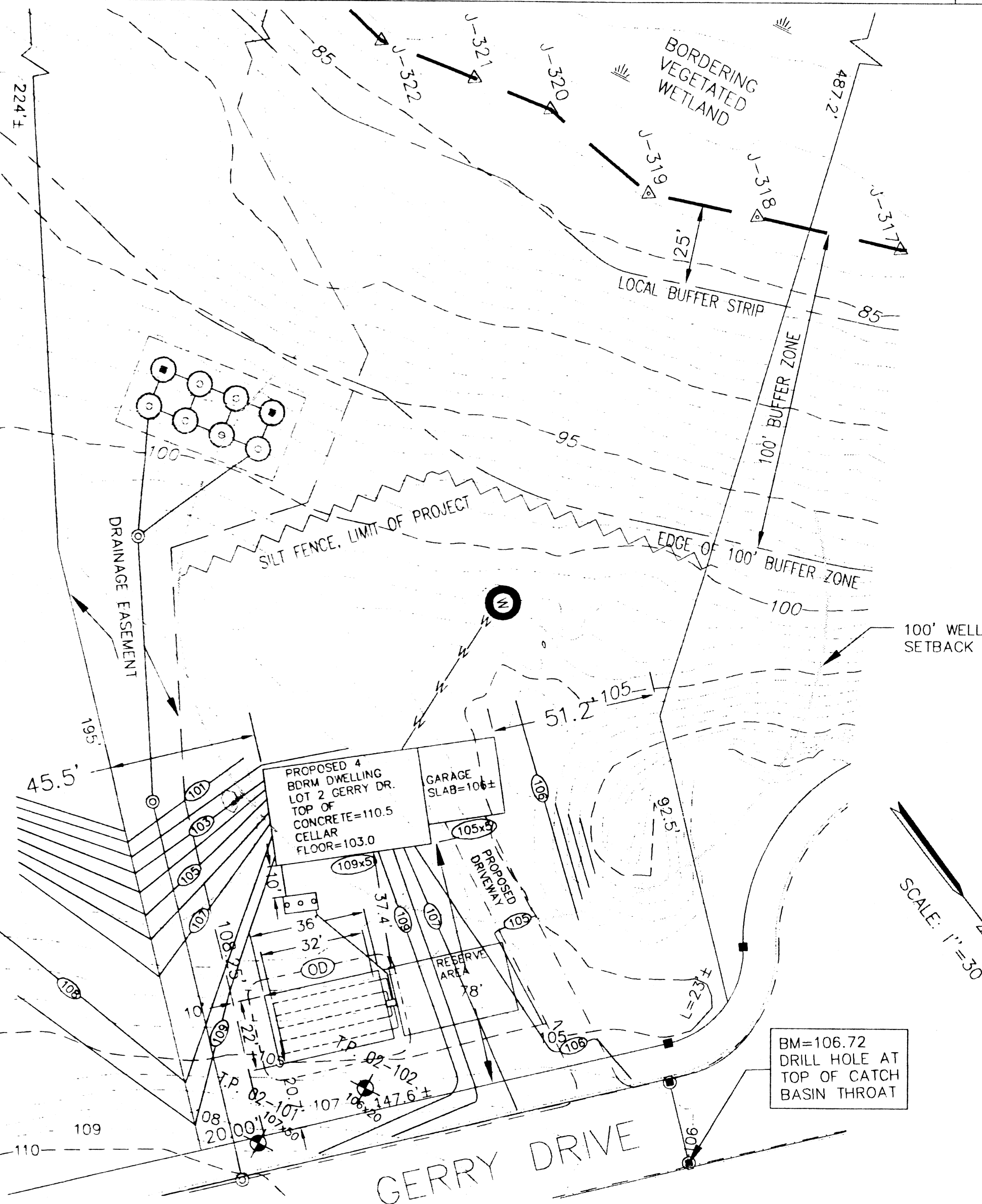


- GENERAL NOTES**
1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
  2. THIS PLAN IS TO BE USED ONLY FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM AND DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE 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 THE CONSTRUCTION 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. IF SOILS ASSOCIATED WITH FAILED LEACHING SYSTEM ARE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR SHALL REMOVE AND REPLACE WITH CLEAN GRANULAR MATERIAL MEETING THE SPECIFICATIONS OF 310 CMR 15.255(3).
  11. THE OVER-DIG AREA (OD) AS SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT OR OTHER IMPERVIOROUS MATERIALS. THE OD 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.
  12. THE CELLAR FLOOR ELEVATION SHOWN HAS BEEN SUGGESTED AS A MINIMUM BASED ON OBSERVED GROUNDWATER TABLE INDICATORS. SINCE THE GROUNDWATER LEVELS FLUCTUATE ANNUALLY, NO WARRANTY OF A DRY CELLAR IS EXPRESSED OR IMPLIED.



**TEST PIT LOG NOT TO SCALE**

Date Excavated: 7/2/02  
 Logged by: Dean Monsees  
 Observed by: Harold Chenevert, Jr.  
 Board of Health: Seekonk  
 Geologic Material: ICE-CONTACT OUTWASH  
 Landform: KAME TERRACE  
 Percolation Rate: 14mpf

Depth	Soil Description	Elevation
0"	A - SANDY LOAM, 10YR 4/2	107.50
12"	B - SANDY LOAM, 10YR 7/8	107.33
24"	C1 - SANDY LOAM, 2.5Y 7/1	105.50
36"	EHGWT=104.17=44"	
48"		103.75
60"	Cd2 - SILT LOAM, 2.5Y 4/1	
72"		
84"		
96"		99.50
108"	PERCOLATION TEST	97.83
120"		
132"	C3 - SANDY LOAM, 2.5Y 5/2	
132"	Bottom	95.00

**TEST PIT LOG NOT TO SCALE**

Date Excavated: 7/2/02  
 Logged by: Dean Monsees  
 Observed by: Harold Chenevert, Jr.  
 Board of Health: Seekonk  
 Geologic Material: ICE-CONTACT OUTWASH  
 Landform: KAME TERRACE  
 Percolation Rate: 14mpf

Depth	Soil Description	Elevation
0"	A - SANDY LOAM, 10YR 4/2	106.20
12"	B - SANDY LOAM, 10YR 7/8	106.03
24"		
36"	EHGWT=102.45=45"	
48"		103.03
60"	Cd1 - SILT LOAM, 2.5Y 4/1	
72"		
84"		
96"		98.70
108"	PERCOLATION TEST	97.03
120"		
132"	C2 - SANDY LOAM, 2.5Y 5/2	
132"	Bottom	93.70

**DESIGN CALCULATIONS**

FLOW:  
 $(4\text{bdrm}) \times (110\text{gpd/bdrm}) = 440\text{ gpd} - 880\text{ PEAK}$

SEPTIC TANK:  
 1500 GAL. TANK > 880

LEACHING FIELD:  
 RATE =  $(1/.56)\text{sf/gpd}$  FOR PERC 15 MPI CLASS II SOIL  
 MINIMUM SIZE:  $(440\text{gpd}) \times (1/.56)\text{sf/gpd} = 786\text{sf}$   
 USE 22'X36' = 792sf > 786sf

**LEGEND**

TEST PIT		T.P. 02-102	EXISTING CONTOUR
DISTRIBUTION BOX			EXISTING SPOT GRADE 100
SEPTIC TANK			PROPOSED CONTOUR
WATER LINE			PROPOSED SPOT GRADE
WELL			SILT FENCE

**REVISIONS**

DATE: 7/30/04  
 DESCRIPTION: APPROV  
 Harold E. Chenevert  
 Health Agent

**SITE DEVELOPMENT & SEWAGE DISPOSAL SYSTEM**

SUBDIVISION LOT NUMBER: 2 AREA OF LOT: 3.741ac PLAT  
 LOT ADDRESS: GERRY DRIVE  
 IN  
 SEEKONK, MA 02771

PREPARED FOR:  
 MERIDIAN CUSTOM HOMES  
 ONE RICHMOND SQUARE  
 SUITE 117C  
 PROVIDENCE, RI 02906

SCALE: AS SHOWN  
 DATE: JULY 19, 2004

DESIGNED BY: DRM  
 JOB NO: 04-128  
 FILE: LOT2GERRY\_LN.dwg

DSD systems associates  
 45 ASTRAL AVENUE  
 RIVERSIDE, R.I.  
 (401) 438-6216

THIS PLAN DOES NOT REPRESENT A PROPERTY BOUNDARY SURVEY