

LAYOUT 6/12/07 (KW) INSP 4 6/15/07 (KW)  
INSP 2 6/13/07 (KW) INSP 5 6/18/07 (KW)  
INSP 3 6/14/07 (KW) INSP 6 6/19/07 (KW)

ISSUE DATE: 6/7/2007

P 527203

APPROVAL DATE: 8/24/07 *Logged Into Permit Manager*

A 50516

**PERMIT**  
**SAND-MOUND**  
**ON-SITE SEWAGE DISPOSAL SYSTEM**  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**  
**Tax ID # 04-319958**

Level Land, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: PO Box 100, Lisbon MD 21765 PHONE NUMBER: 410-489-5206

SUBDIVISION: PALMER PROPERTY LOT NUMBER: 4

ADDRESS: 15217 FREDERICK RD. PROPERTY OWNER: VICTORIA PALMER

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

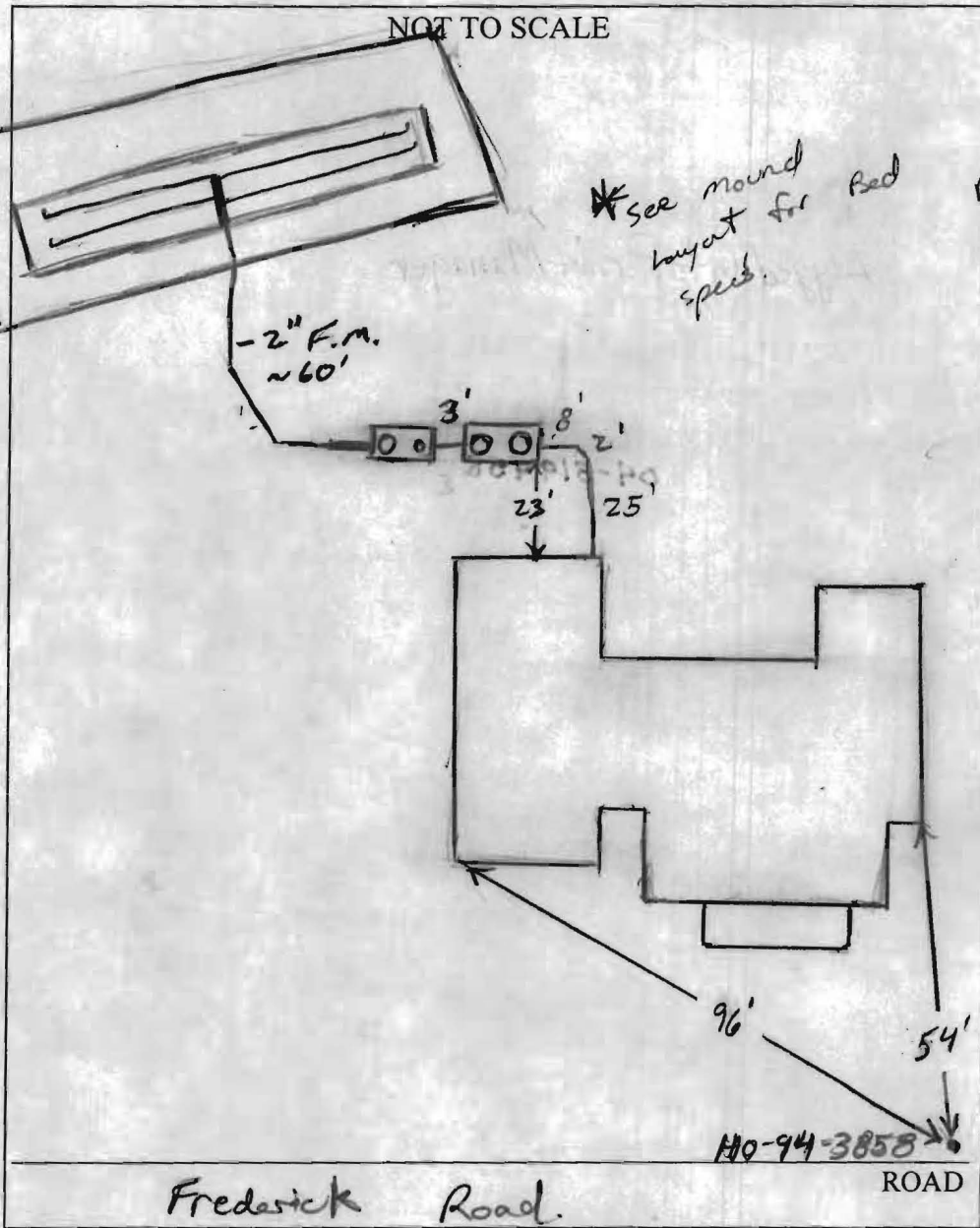
SIZE: 450 GPD Gravel bed 6 ft by 77 ft

LOCATION:	Sand mound to be installed, see approved plan for location and elevations.
NOTES:	Sand mounds should be staked and keep heavy equipment off location. Layout inspection is required prior to the start of system installation. Sand-mound design is for 'Alternative Mound': Sand used to construct mound must meet this criteria

PLANS APPROVED: SARA FEGEL / GABE CREIGHTON DATE: 05/29/2007

NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM**  
**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**  
**CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**



SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<u>Yes</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>3'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>        </u>
MANHOLE LOC	<u>F/R</u>
6" PORT LOC	<u>        </u>
WATERTIGHT TEST	<u>        </u>
PUMP TANK LEVEL	<u>Yes</u>
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>3-3.5'</u>
BAFFLES	<u>Front</u>
BAFFLE FILTER	<u>        </u>
MANHOLE LOC	<u>Rear</u>
6" PORT LOC	<u>Front</u>
WATERTIGHT TEST	<u>        </u>

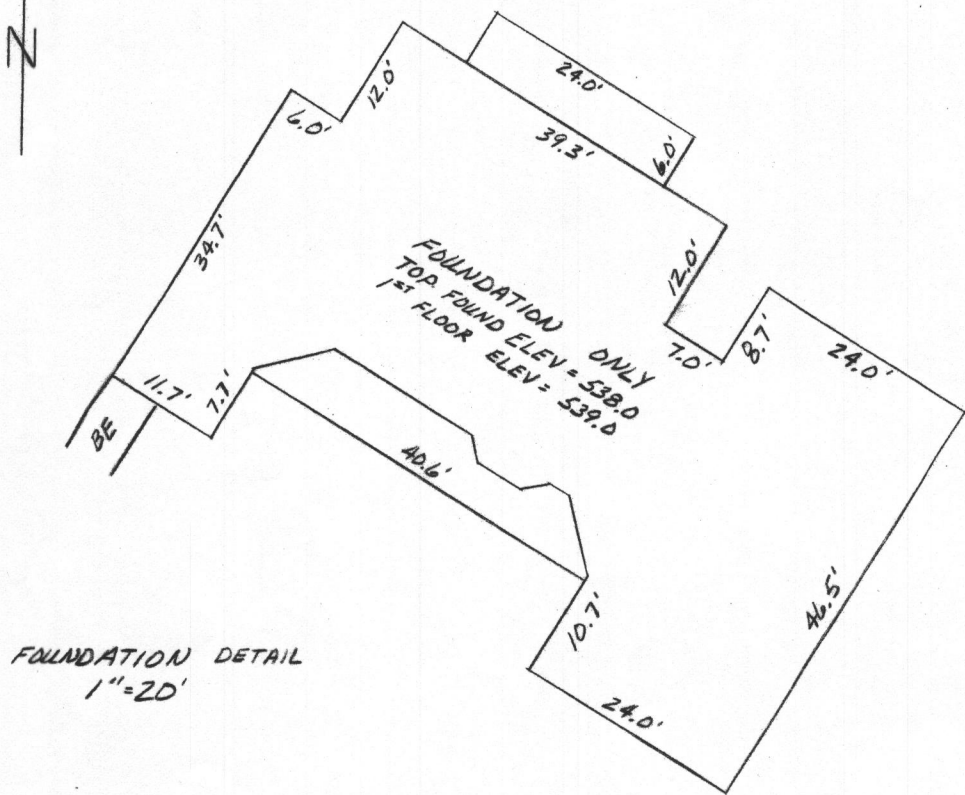
SAND MOUND DATA	
BED LENGTH	<u>77'</u>
BED WIDTH	<u>.6'</u>
BED AREA	<u>482</u> SQ FT
MOUND LENGTH	<u>104'</u>
MOUND WIDTH	<u>33'6"</u>
MOUND AREA	<u>3,484</u> SQ FT
BASAL AREA	<u>        </u> SQ FT

PRE-CONSTRUCTION 6/12/07 Layout given. Adjusted left side bed stakes to get close to contour @ toe slope of mound.

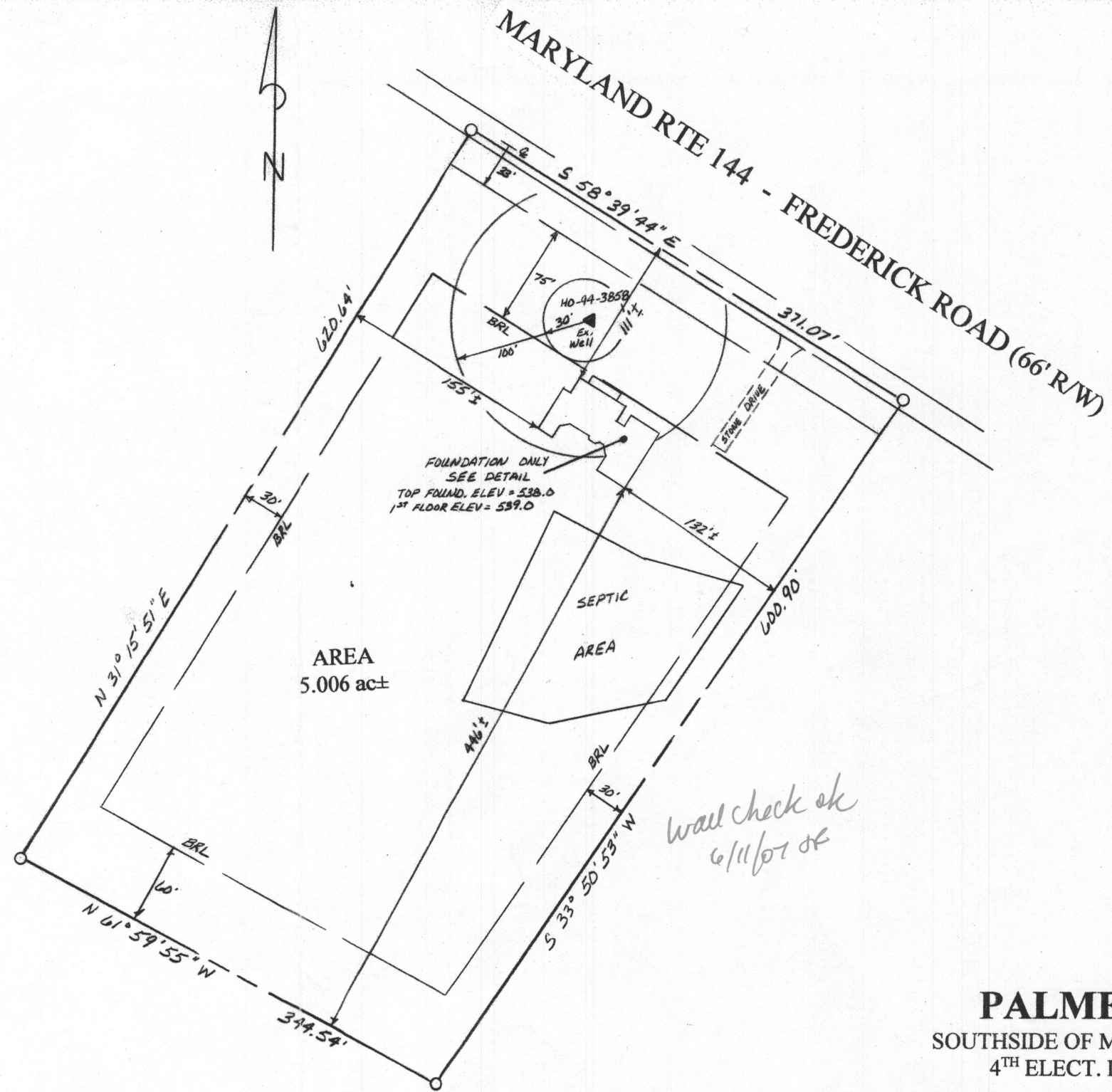
INSTALLATION Set stakes per plan. Keep 20' from house. Call MSP prior to sand fill. (KW) 6/13/07. Area plowed 8"-12" Sand being delivered and spread over mound from upslope.

6/14/07 A.M. Mound fill stopped to spec or close to @ the point starting to cut bed (KW) 6/15/07 Bed cut out according to plan. 6' wide and close to 78' in length. (KW) 6/18/07 Distribution network installed - Vertical hole spacing and bed spec according to plan. 'Pea' gravel placed under laterals. Told contractor to replace some w/ 3/4" stone under laterals. (KW) 6/19/07 Pump test good. Aprx 3' of Digital Head measured on each lateral. OK to place future and cap w/ clay lin and covered on top of that (KW)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 8/24/07



FOUNDATION DETAIL  
1"=20'



AREA  
5.006 ac±

TITLE REFERENCE  
Victoria Lynn Palmer  
2959/66  
August 16, 1993

NOTE: OFFSET ACCURACY - 1'±

**PALMER PROPERTY**  
SOUTHSIDE OF MD RTE 144-FREDERICK ROAD  
4<sup>TH</sup> ELECT. DIST. - HOWARD CO., MD

See attached sheet 2 of 2 for statements of advice pertinent to this plat.

#B07000927

I hereby certify that I have made a field visit of this lot for the purpose of locating the improvements thereon and that they are located as shown.

A.L.S. Inc. assumes no responsibility or liability for any easements, or right-of-ways, recorded or unrecorded, not appearing in the current Title Deed or Record Plat noted hereon.

DATE: 5/10/07

*George Albert Stroud III*  
RPLS No. 256



LOCATION DRAWING  
#15217 FREDERICK ROAD

A. L. S. Inc.

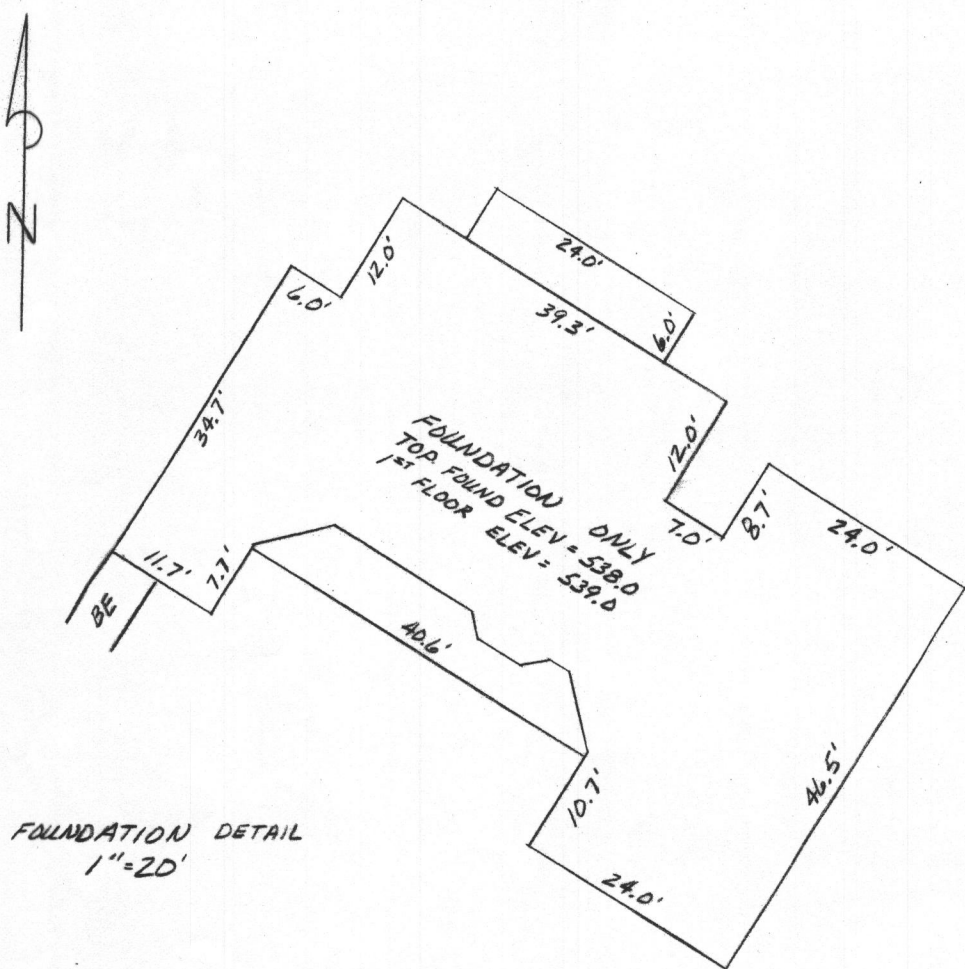
194 E. Main Street Westminister, MD 21157  
410-857-0822

SHEET:  
1 OF 2

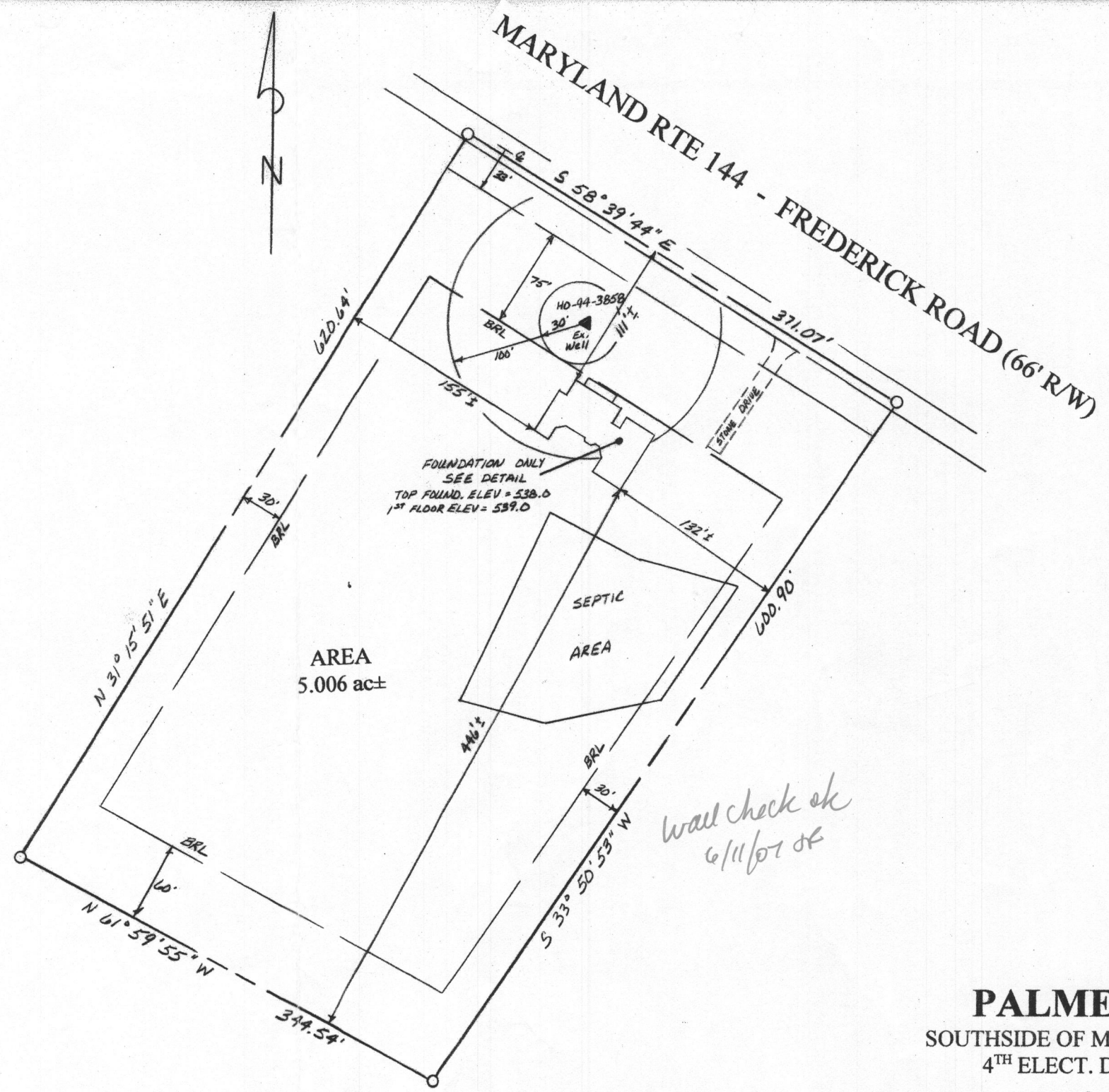
SCALE:  
1"=100'

DATE:  
5-10-2007

JOB No.:  
23-07-22



FOUNDATION DETAIL  
1"=20'



AREA  
5.006 ac±

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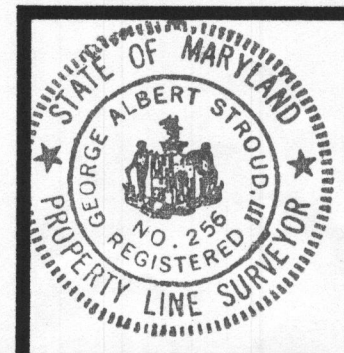
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DATE: 5/10/07

*[Signature]*  
RPLS No. 256



LOCATION DRAWING  
#15217 FREDERICK ROAD

**A. L. S. Inc.**  
194 E. Main Street Westminister, MD 21157  
410-857-0822

SHEET:  
1 OF 2  
SCALE:  
1"=100'  
DATE:  
5-10-2007  
JOB No.:  
23-07-22

To the Howard County Health Department:

This is to certify that A.L.S. Inc. has field located the existing well HO-94-3858, for the Palmer Property located on Frederick Road and is as shown on site plan submitted.

Perc Tests:

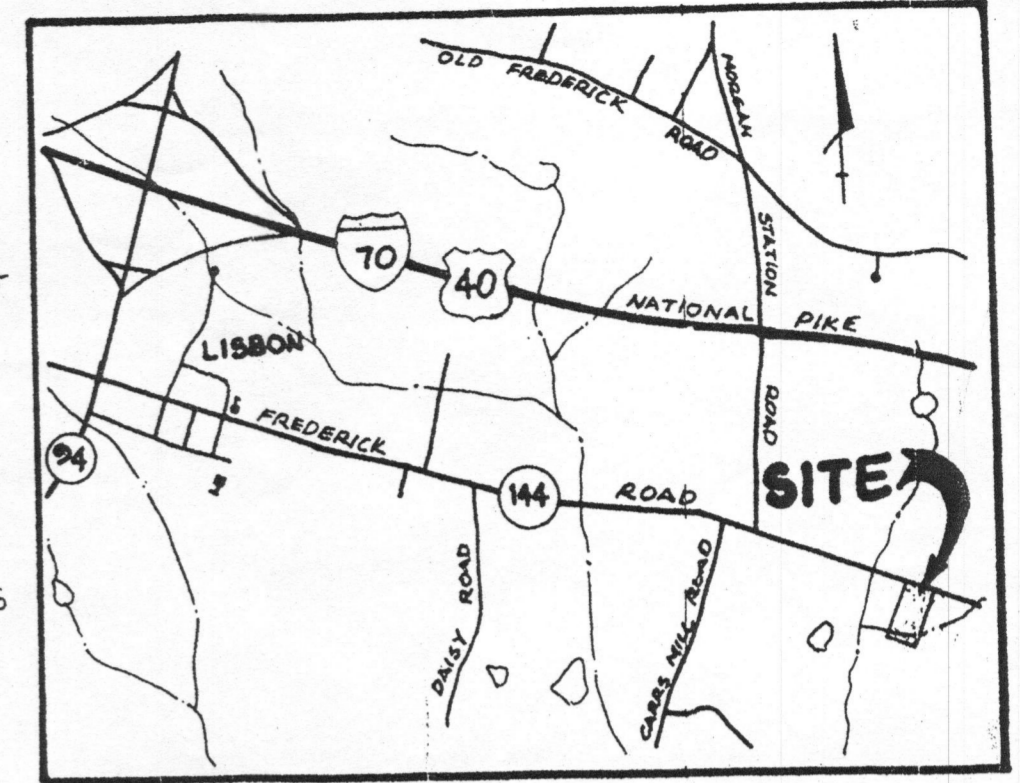
- 3-24-95
  - 1. Failed
  - 2. Failed
  - 3. Failed
  - 4. Failed
  - 5. Passed
- 2-26-96
  - 1. Passed
  - 2. Failed
  - 3. Failed
  - 4. Failed
  - 5. Failed
  - 6. Passed
- 5-31-96
  - A. Passed
  - B. Passed
  - C. Passed
  - D. Passed
  - E. Passed

*George X. Stroud III*  
 George X. Stroud III - President A.L.S. Inc.

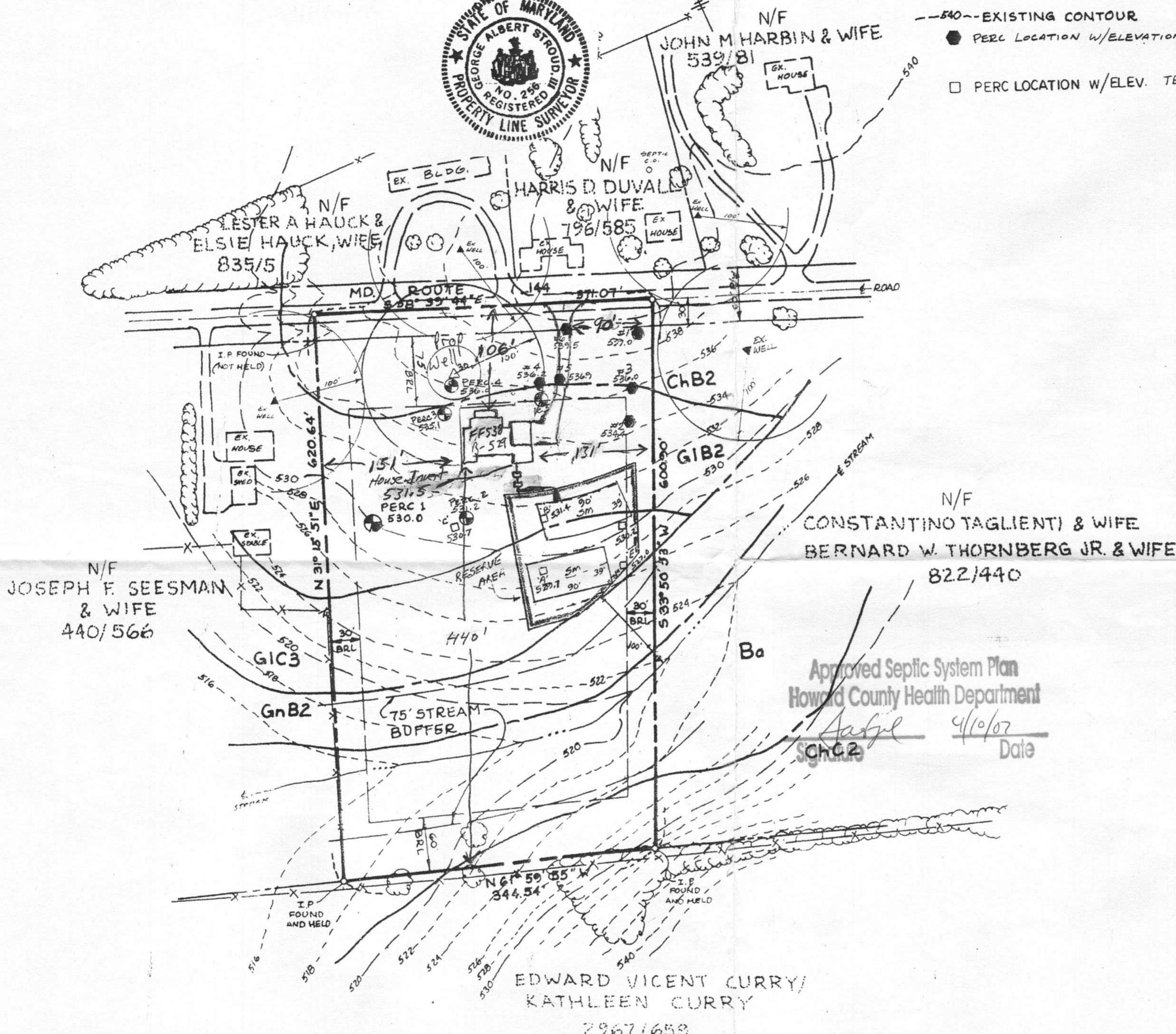


LEGEND

- PERC LOCATION W/ELEVATION TESTED 3/24/95
- SOIL GROUP BOUNDARY
- ChB2 SOIL GROUP
- 540-- EXISTING CONTOUR
- PERC LOCATION W/ELEVATION TESTED 2/26/90
- PERC LOCATION W/ELEV. TESTED 5-31-96



VICINITY MAP  
SCALE: 1" = 2000'



NOTES:

1. THE PARCEL SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS RESERVE AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE RESERVE AREA.
- 2A. THIS RESERVE AREA IS SUITABLE FOR SAND MOUND ONLY.
3. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY 200 SCALE AERIAL TOPOGRAPHICAL MAP WITH FIELD VERIFICATION BY THE ENGINEER.
5. HOUSE LIMITED TO 4 BR.

Approved Septic System Plan  
 Howard County Health Department  
*John J. ...* 4/10/07  
 Date

SOILS DESCRIPTION

- ChB2 - Chester Silt Loam, 3 to 8 percent slopes, moderately eroded. 'B' soil
- ChC2 - Chester Silt Loam, 8 to 15 percent slopes, moderately eroded. 'B' soil
- GnB2 - Glenville Silt Loam, 3 to 8 percent slopes, moderately eroded. 'C' soil
- GIB2 - Glenelg Loam, 3 to 8 percent slopes, moderately eroded. 'B' soil
- GIC3 - Glenelg Loam, 8 to 15 percent slopes, severely eroded. 'B' soil
- Ba - Baile Silt Loam, 'D' soil (Hydric Soil)

A.L.S. Inc.  
 194 EAST MAIN STREET  
 WESTMINSTER, MD. 21157  
 (410) 857-0822



APPROVED:  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.  
*Penny ...* 11/17/03  
 HOWARD COUNTY HEALTH OFFICER, HR DATE

WALLER PROPERTY  
 FORMERLY  
 PALMER PROPERTY

PERCOLATION CERTIFICATION PLAN  
 Building Site Plan  
 TAX MAP NO. 8 PARCEL 284  
 DEED REF 2959/66 TAX ACCT. #04-319958  
 4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

SCALE: 1" = 100'  
 DATE: 11/9/95  
 REVISED: 10/16/2003  
 PERC TESTS: SAND MOUNDS