



# APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ **AP 521638**

AGENCY REVIEW: \_\_\_\_\_ DATE 1/4/2005

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) James W. Hudson (Teresa Stonesifer - Daughter)

DAYTIME PHONE 40-489-5208 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 12795 Route 144 West Friendship, MD 21794  
STREET CITY/TOWN STATE ZIP

APPLICANT LDE, Inc (Steve Heiss)

DAYTIME PHONE 410-715-1070 CELL 443-928-4135 FAX 410-715-9540

MAILING ADDRESS 9250 Rumsey Road Columbia, MD 21045  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Hudson Property LOT NO. 1

PROPERTY ADDRESS 12855 Route 144 West Friendship, MD 21794  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 15 GRID 10 PARCEL(S) 74 PROPOSED LOT SIZE 1 Ac

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Steve Heiss  
SIGNATURE OF APPLICANT

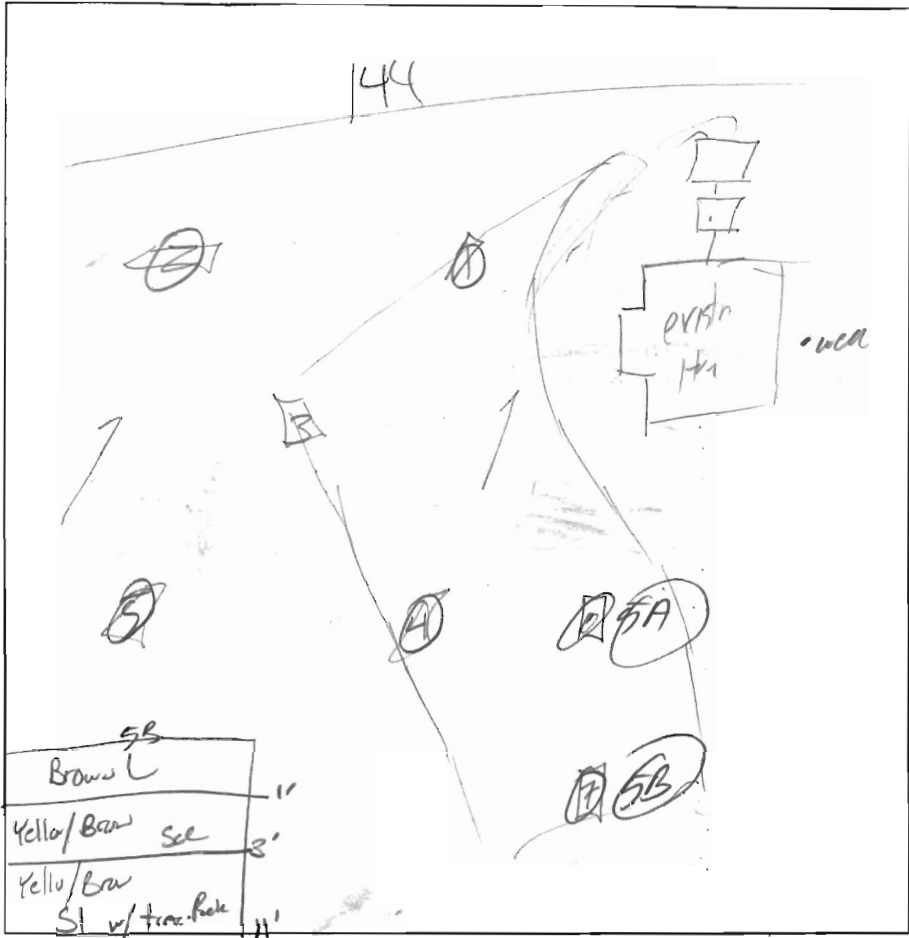
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP

④  
 Brown L 1'  
 Yellow/Brown Scl 3 1/2'  
 Red/Orange Brown Sl w/ 10% Rock 12'

1  
 Brown L 1'  
 Red/Orange Scl 4'  
 Yellow/Brown MICAs Sl w/ trace Rock 11 1/2'

2  
 Brown L 1'  
 Red/Orange CL 3'  
 Yellow/Brown Scl 4 1/2'  
 Red/Orange Sl w/ 20% Rock cobbles 10'  
 Hand 13'



5B  
 Brown L 1'  
 Yellow/Brown Scl 3'  
 Yellow/Brown Sl w/ trace Rock 11'

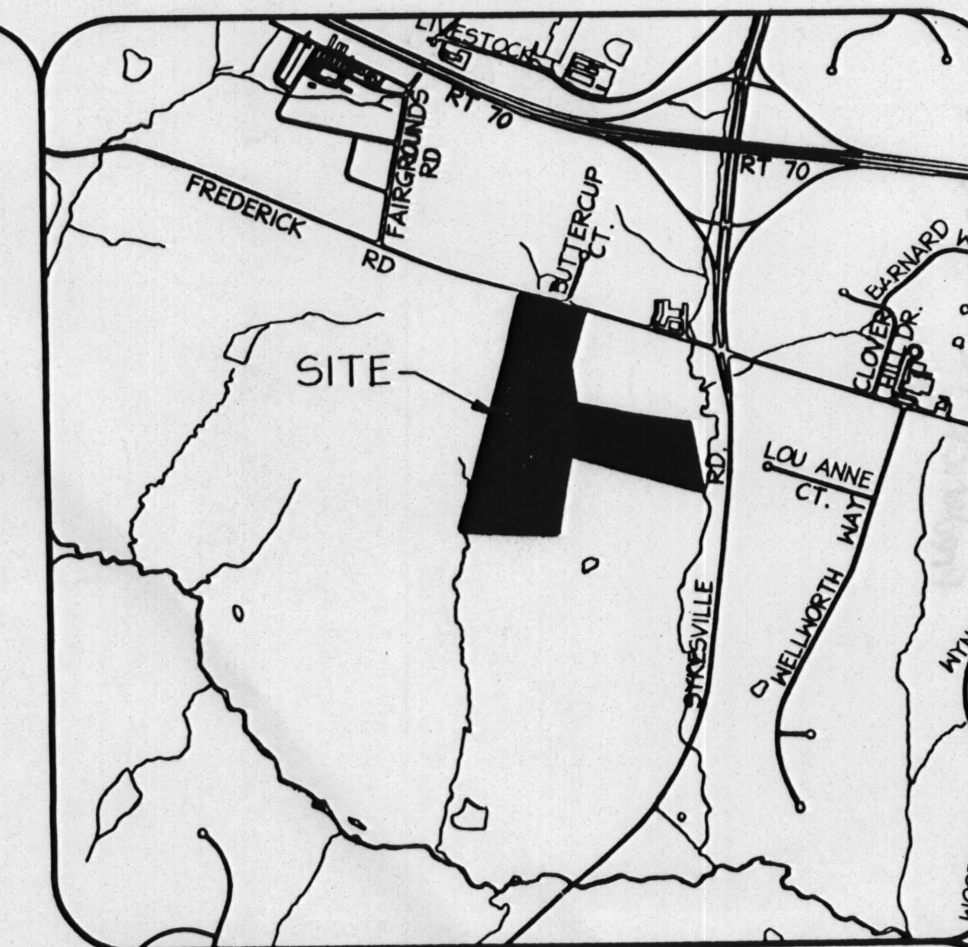
③  
 Brown L 1'  
 Red/Orange MICAs Scl 4'  
 Yellow/Brown Sl w/ trace Rock 12'

⑤  
 Brown L 2'  
 Red/Orange CL 8'  
 Orange/Brown Scl 16'  
 Red/Brown Sl w/ trace Rock 12'

⑤A  
 Brown L 1'  
 Red/Brown MICAs Scl 4 1/2'  
 Red/Brown MICAs Sl w/ trace Rock 11 1/2'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/25/05	④	4 1/2' / 12'	9:30	9:32	9:36	4 min	T
	1	4 1/2' / 11 1/2'	9:37	9:39	9:41	2 min	P
	2	6' / 13'	9:43	- Pulled 10:05		Slow	F
	3	- 12'	- Visual -			OK	P
	5	7' / 12'	10:12	- Pulled 10:42		Slow	F
	⑤A	4 1/2' / 11 1/2'	10:47	10:50	10:55	5 min	P
	⑤B	4 1/2' / 12'	10:56	10:58	11:04	6 min	P

REMARKS \_\_\_\_\_  
 SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

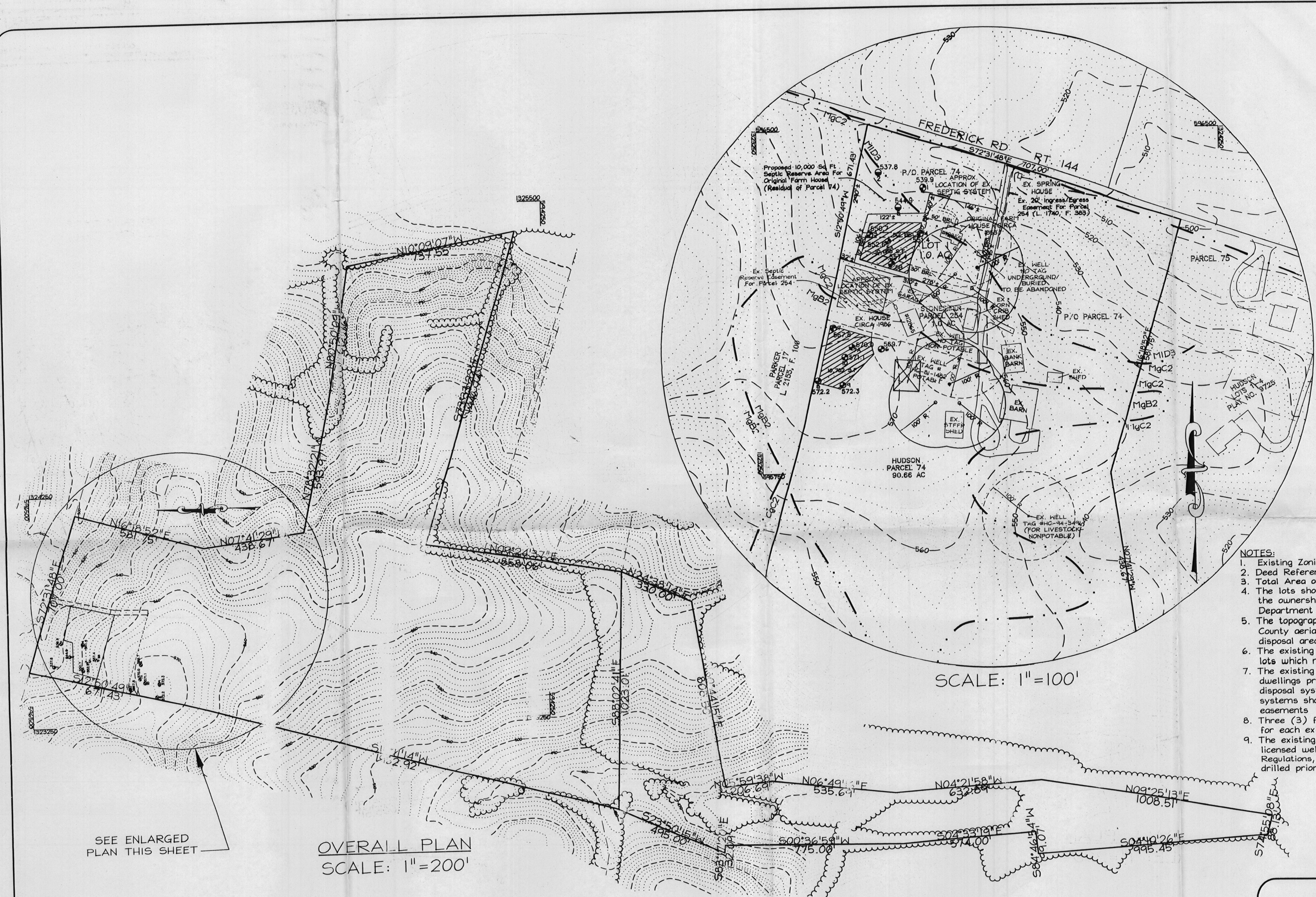


VICINITY MAP

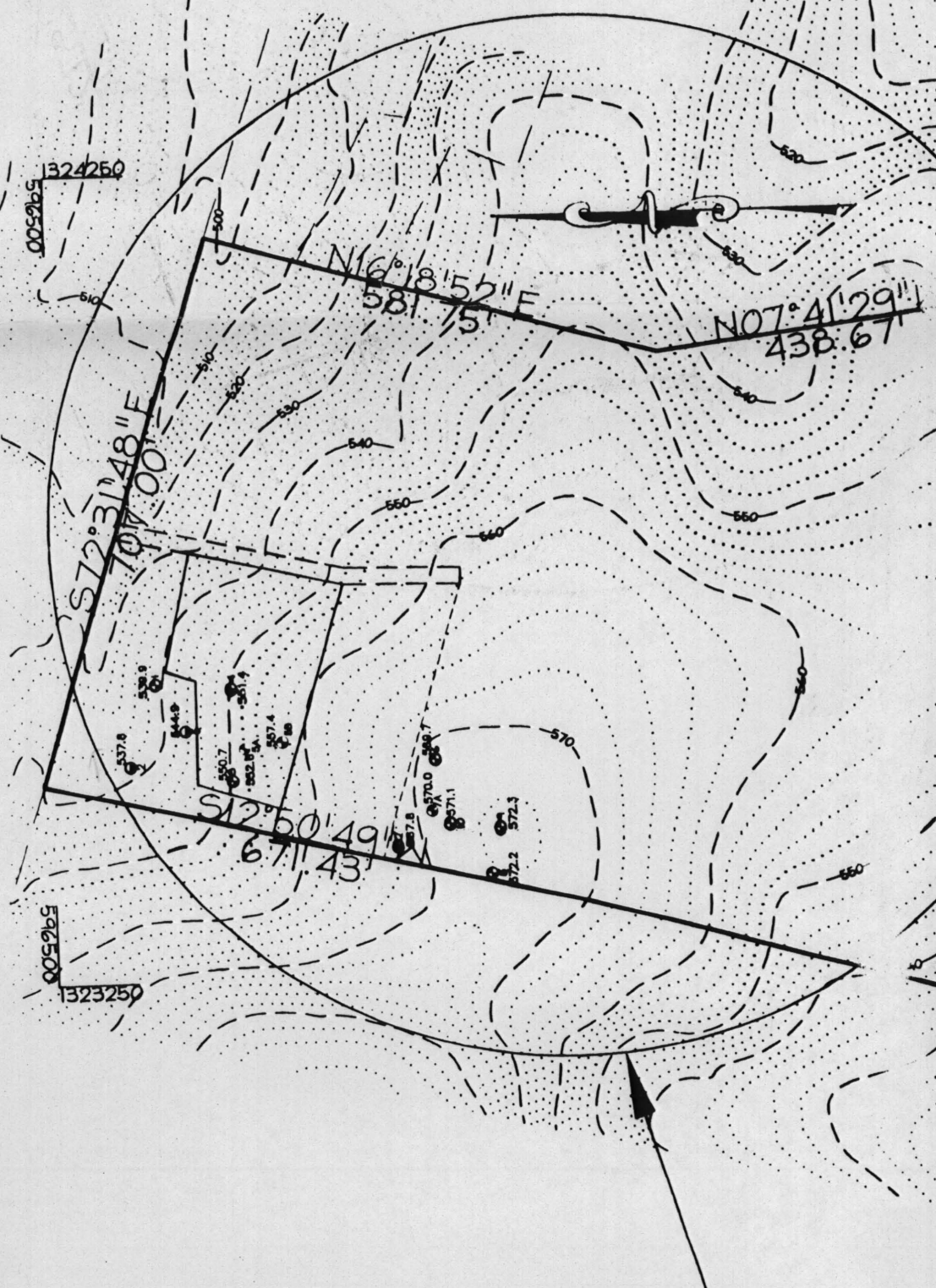
SCALE: 1" = 2000'

LEGEND

- Existing 2' Contour- - - - -
- Existing 10' Contour- - - - -
- Existing Fence- x x x x
- Existing Treeline- ~~~~~
- Existing Driveway- - - - -
- Soils Boundary- - - - -
- Percolation Test Hole (Passed)- (P)
- Percolation Test Hole (Failed)- (F)
- Proposed Primary Well- ●
- Proposed Secondary Well- ○



- NOTES:
- Existing Zoning: RC-DEO
  - Deed Reference: 4571/547
  - Total Area of Lots: 90.66 Ac. +/-
  - The lots shown hereon comply with the minimum lot area and the ownership width as required by the Maryland State Department of the Environment.
  - The topography shown hereon is taken from the Howard County aerial topography and the area within the sewage disposal area has been field verified.
  - The existing wells have been shown within 100 feet of the lots which may effect this proposal.
  - The existing dwellings located on the site will remain. Each dwellings provided with an operating private well and sewage disposal system. In the event that the existing disposal systems should fail, alternate 10,000 square foot easements have been provided for future system installations.
  - Three (3) future well sites for potable water supply are provided for each existing future dwelling.
  - The existing well on Lot 1 is to be abandoned and sealed by a licensed well driller in accordance with Health Department Regulations, prior to installation of a new well. New well will be drilled prior to final record plat signature.



SEE ENLARGED PLAN THIS SHEET

OVERALL PLAN  
SCALE: 1" = 200'

SOILS LEGEND			
HYDROLOGIC SOIL GROUP	SOIL SYMBOL	DESCRIPTION	REMARKS
B	M1D3	Manor loam, 15% - 25% slopes, severely eroded.	
B	MgC2	Manor gravelly loam, 8% - 15% slopes, moderately eroded.	
B	MgB2	Manor gravelly loam, 3% - 8% slopes, moderately eroded.	
B	CgC2	Chester gravelly silt loam, 8% - 15% slopes, moderately eroded.	
C	GnB2	Glennville silt loam, 3% - 8% slopes, moderately eroded.	

**Peric Certification**  
I certify that the locations shown hereon are correct field locations done under my supervision and are correct to the best of my professional knowledge and belief.

*D. Wayne Miller*  
D. Wayne Miller, Professional Land Surveyor  
MD Reg. No. 10585

8/11/05  
Date



This area designates a private sewage disposal area required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. The County Health Officer shall have the authority to grant adjustments to the private sewage easement.

Approved: For private water and private sewerage  
Howard County Health Department

*Robert J. Walsh*  
Howard County Health Officer KSR

8/15/05  
Date

**LDE INC.**  
Planning/Engineering/Surveying  
9250 Remey Road Suite 106 Columbia, Maryland 21045  
(410) 715-1070 (Baltimore) (301) 396-1424 (Wash DC) (301) 715-9540 FAX

DESIGNED S.D.H.	Percolation Certification Plat AKA - 12875 RT. 144 HUDSON PROPERTY 12855 Route 144 West Friendship, Maryland 21794 Tax Map No. 15 - Grid No. 10 - Parcel 74 3rd Election District - Howard County, Maryland Previous Submittals:	SCALE AS SHOWN	
DRAWN M.D.L. G.D.W.		DRAWING 1 OF 1	
CHECKED B.D.B.		JOB NO. 04-049	
DATE 4/2005		OWNER/DEVELOPER James W. Hudson 12746 Route 144 West Friendship, MD 21794	FILE NO.