

# APPLICATION

AU 287

PERCOLATION TESTING

A 515279

Proposal -  
subdivision

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT Fourth

DATE June 6, 2009

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RONALD S. ASBURY

ADDRESS 2720 JENNINGS CHAPEL ROAD WOODBINE MD. 21797 PHONE 410-889-7377

AGENT OR PROSPECTIVE BUYER SAME AS ABOVE

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: 2722 Jennings Chapel Rd

SUBDIVISION ASBURY PROPERTY LOT NO. 1 Buildable Pres Parcel A

ROAD AND DESCRIPTION 3400'± SOUTH FROM THE INTERSECTION OF FLORENCE ROAD AND JENNINGS CHAPEL ROAD.

TAX MAP 13 PARCEL # 292

SIZE OF LOT 49,498<sup>sq</sup> ft TYPE BLDG. SINGLE FAMILY DETACHED DWELLING  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC. TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Ronald S. Asbury  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

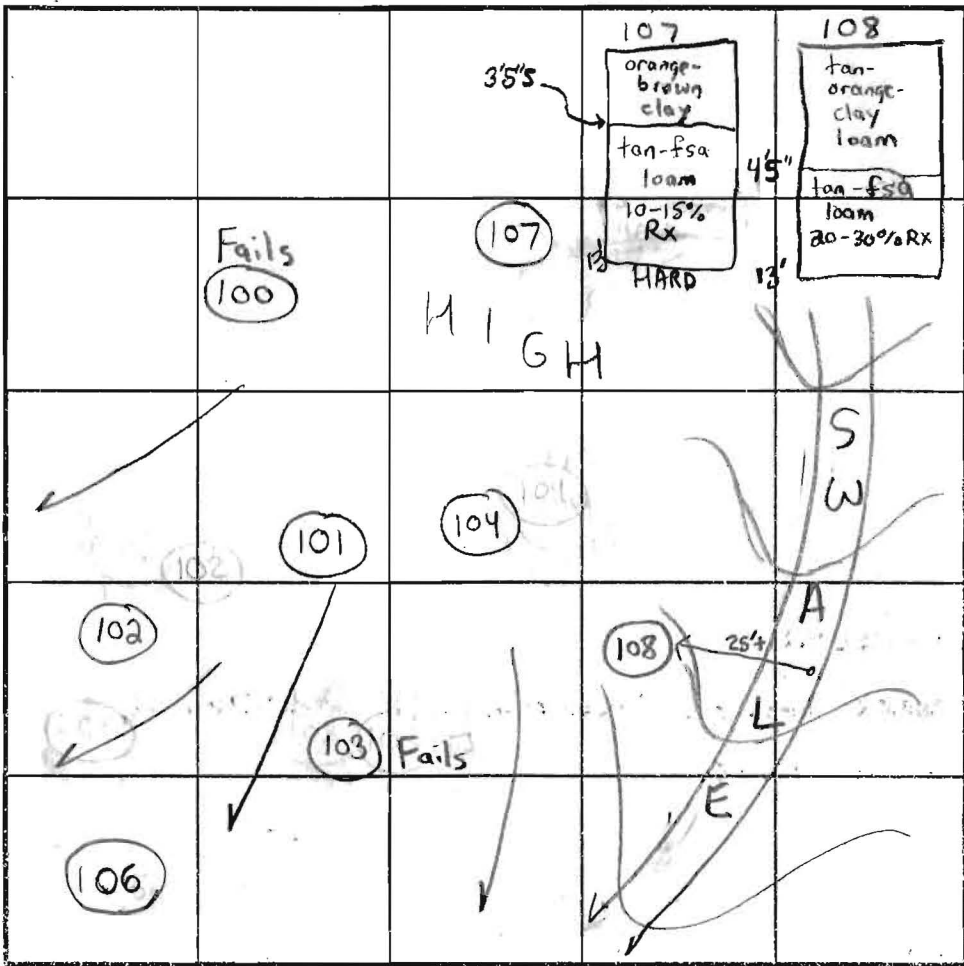
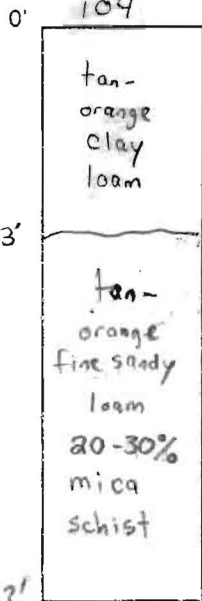
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

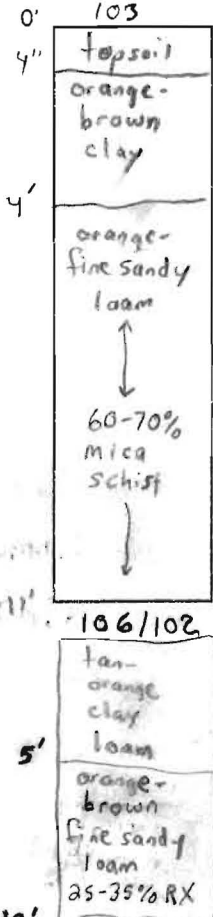
NOT TO SCALE

COUNTY #

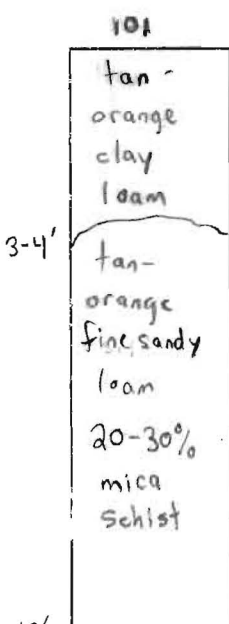
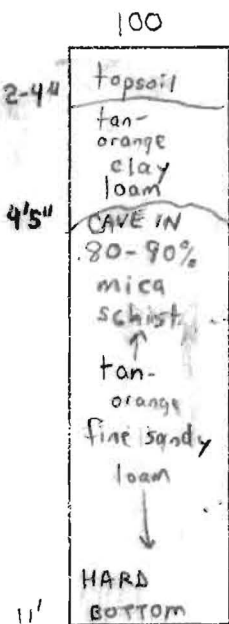
SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/16/01	104	6' <sup>T</sup> / 12' <sup>V</sup>	10:56am	11:00am	11:00am	11:05am	5min	OK
	100	11' <sup>V</sup>	(>50% ROCK FRAGS)				NA	FAILS
	101	5' <sup>T</sup> / 13' <sup>V</sup>	11:25am	11:27am	11:27am	11:30am	3min	OK
		8' <sup>T</sup> / 13' <sup>V</sup>	11:26am	11:30am	11:30am	11:38am	8min	
	103	4'5" <sup>T</sup> / 11' <sup>V</sup>	11:45am	11:46am	11:46am	11:49am	3min	FAILS
			(>50% ROCK FRAGS)				NA	
	106	5' <sup>T</sup> / 12' <sup>V</sup>	11:57am	12:01am	12:01am	12:07am	6min	OK
	102	5' <sup>T</sup> / 12' <sup>V</sup>	12:11pm	12:12pm	12:12pm	12:14pm	2min	OK
	107	13' <sup>V</sup>	(VISUAL OK SEE SOIL PROFILE)					OK
	108	13' <sup>V</sup>	(VISUAL OK SEE SOIL PROFILE)					OK

REMARKS: Keep System Shallow 5' Bottom for best treatment  
 TYPE OF SOIL: Glenelg  
 TESTED BY: SRK/KG Donnie = Bachhoe → Hatfields Mark Robel  
 Todd → Helper ALSO PRESENT Ron Asbury  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3min TRENCH WIDTH 3'  
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM 180

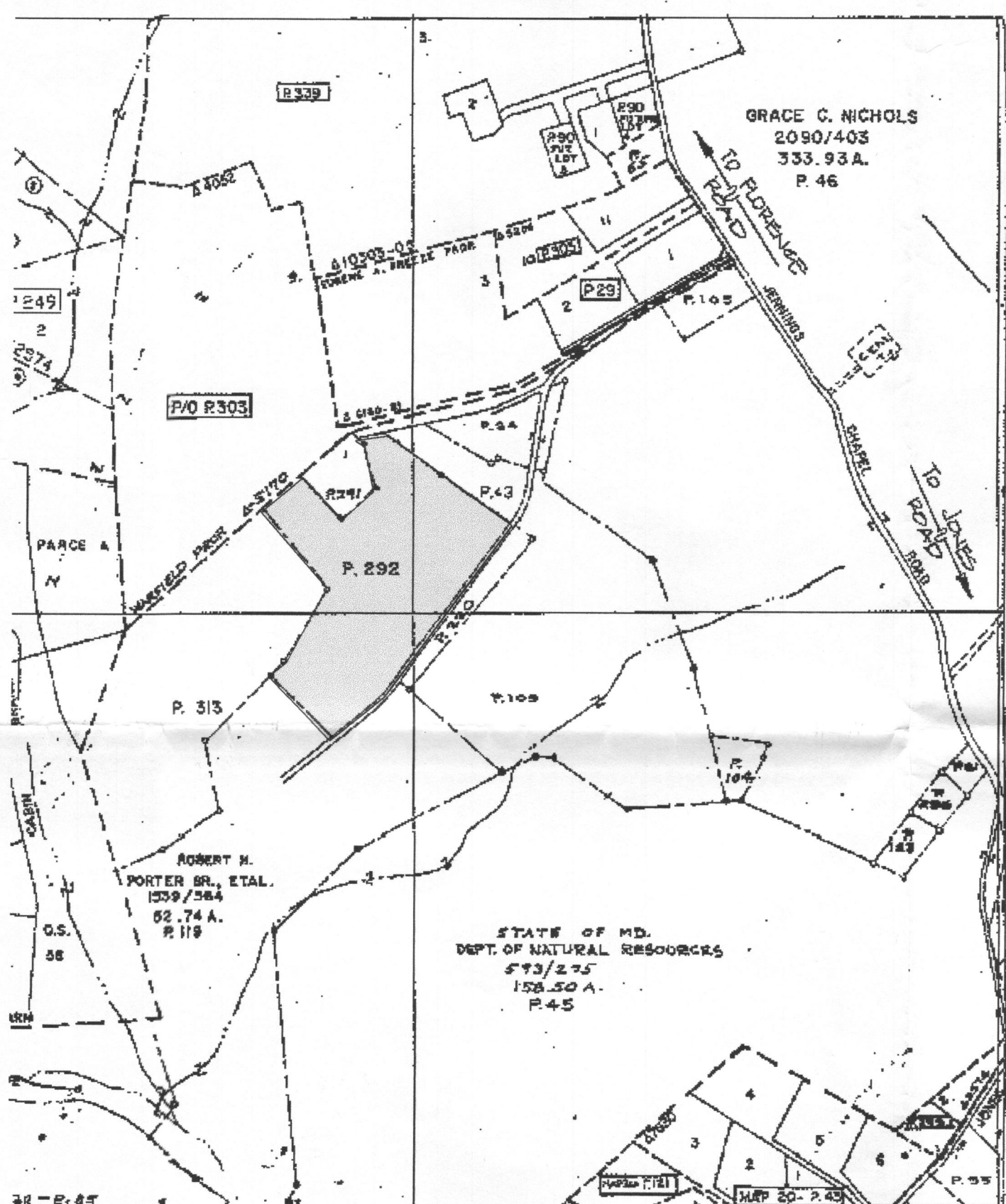
SOILS LEGEND		
SOIL	NAME	CLASS
GIC2	Glenelg loam, 0 to 15 percent slopes, moderately eroded	B
GID3	Glenelg loam, 15 to 25 percent slopes, severely eroded	B
GnB2	Glenelg silt loam, 3 to 8 percent slopes, moderately eroded	C
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GIA	Glenelg loam, 0 to 3 percent slopes	B
MfB2	Mt. Airy channery loam, 3 to 8 percent slopes, moderately eroded	A
MtC2	Mt. Airy channery loam, 0 to 15 percent slopes, moderately eroded	A
MfD2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A
GD2	Glenelg loam, 15 to 25 percent slopes, moderately eroded	B

NOTES:  
 \* Hydric soils and/or contains hydric inclusions  
 \*\* May contain hydric inclusions  
 † Generally only within 100-year floodplain areas



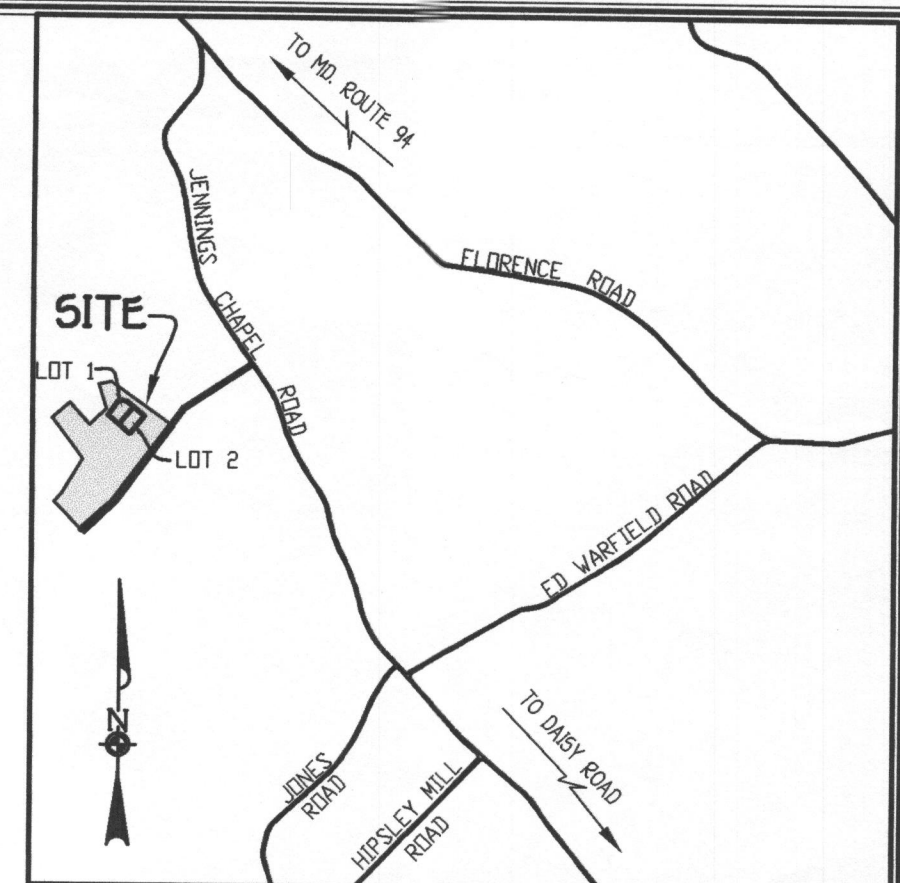
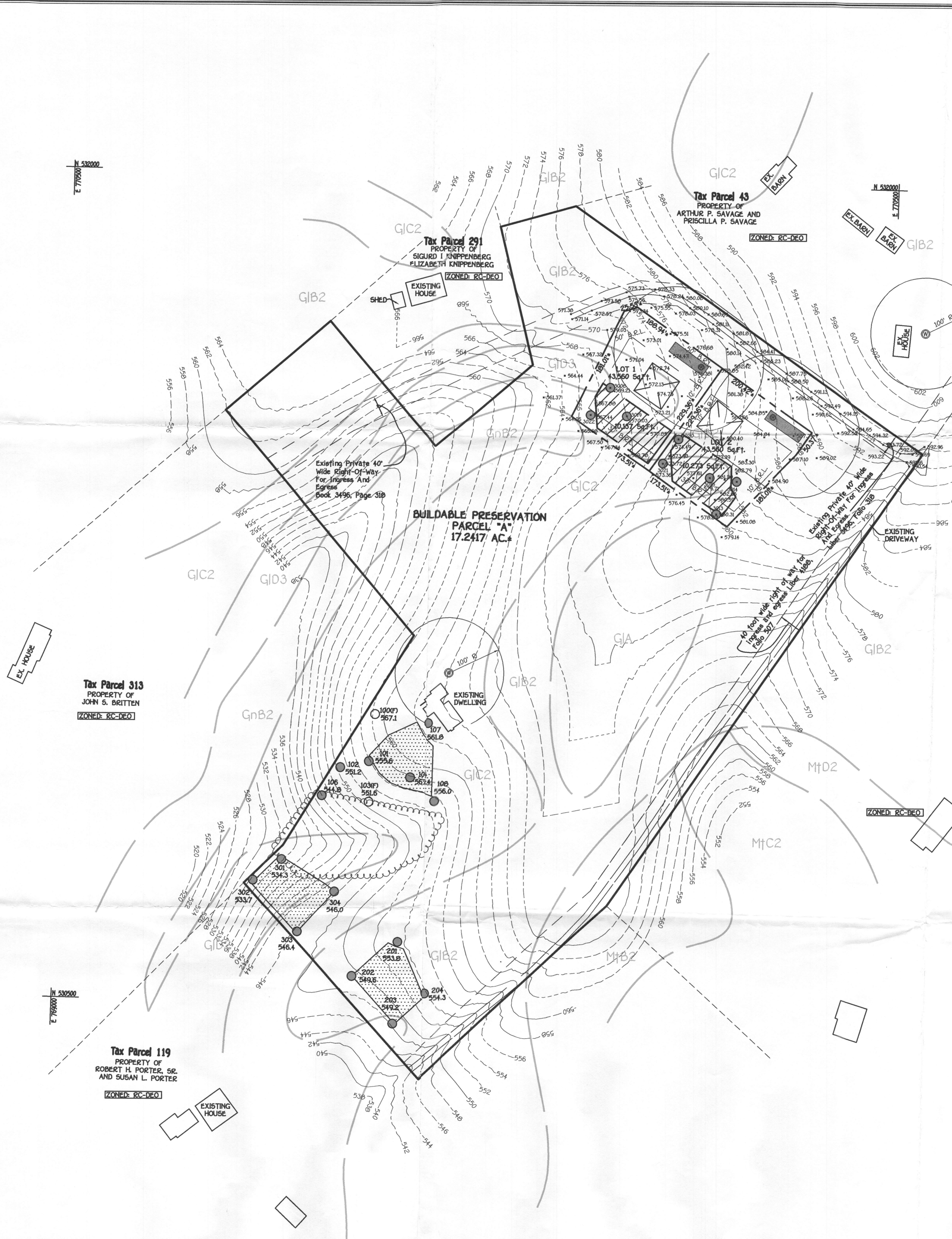
**LEGEND**

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- ~~~~~ EXISTING TREE LINE
- SOIL LINES AND TYPES
- (Symbol) DENOTES PROPOSED WELL
- (Symbol) DENOTES FAILED PERC
- (Symbol) DENOTES PASSED PERC
- (Symbol) DENOTES PROPOSED PERC
- (Symbol) DENOTES PROPOSED HOUSE
- (Symbol) DENOTES 25% AND GREATER SLOPE
- (Symbol) DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- (Symbol) DENOTES PRIOR APPROVED PRIVATE SEWERAGE EASEMENT.



**LOCATION MAP**  
SCALE : 1" = 600'

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKWY.  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461 - 2855



**VICINITY MAP**  
SCALE : 1" = 2000'

**GENERAL NOTES:**

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA. THESE EASEMENTS 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 EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- TOPOGRAPHY SHOWN IS FROM FIELD SURVEY PROVIDED BY FISHER, COLLINS & CARTER, INC. DURING APRIL, 2005 AS INDICATED WITH SPOT ELEVATIONS AND SUPPLEMENTED BY HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
- BOUNDARY OUTLINE BASED ON FIELD SURVEY PROVIDED BY FISHER, COLLINS & CARTER, INC.
- OWNER & DEVELOPER:  
 CAROLE AND RON ASBURY  
 2722 JENNINGS CHAPEL ROAD  
 WOODBINE MD 21797
- UPON RECORDATION OF THE FINAL SUBDIVISION RECORD PLAT FOR LOTS 1 AND 2 THE TWO (2) PREVIOUSLY APPROVED PRIVATE SEWERAGE EASEMENTS AT THE SOUTHWEST BOUNDARY OF BUILDABLE PRESERVATION PARCEL "A" WILL BE ABANDONED.

I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS CONDUCTED UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PERSONAL KNOWLEDGE AND BELIEF.

*[Signature]*  
 SIGNATURE OF PROFESSIONAL LAND SURVEYOR OR PROPERTY LINE SURVEYOR (W/ SEAL) DATE 6/15/05

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.

*[Signature]*  
 COUNTY HEALTH OFFICER DATE 6/15/05

**PERCOLATION CERTIFICATION PLAN**  
**ASBURY PROPERTY**  
**SUBDIVISION**  
 LOTS 1 AND 2  
 JENNINGS CHAPEL ROAD

TAX MAP 13 ZONED: RC-DEO PARCEL: 292  
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1"=100' DATE: April 12, 2005  
 REVISE DATE: JUNE 7, 2005  
 PERCOLATION TEST RESULTS - A522009