

# APPLICATION

PERCOLATION TESTING

A 517386

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE July 26, 2002

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 Christopher R. Cole & Victoria Gail Gray

ADDRESS 12182 Scaggsville Rd, Fulton, MD PHONE 301-776-0181

AGENT OR PROSPECTIVE BUYER James M. Jost & Co, Inc.

ADDRESS 7370 Grace Drive, Columbia, MD PHONE 443-535-9200

PROPERTY LOCATION:

SUBDIVISION Cecil Cole Property LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION MD. Route 216, 12,200 block, north side of road.

TAX MAP 41 PARCEL # Z

SIZE OF LOT 1 Acre TYPE BLDG. SFD  
(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.

James M. Jost  
(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

COUNTY #

SOIL PROFILE

0' (167) (168)  
 Or Br Loam and Topsoil 2.5'-3"  
 Red Br and Beige Sa Loam  
 15-20% Saprolite  
 Water 13.5'

(169)

Red Br Heavy Loam 3-3.5'  
 Or Br Loam and Beige Sa Loam 4.5'

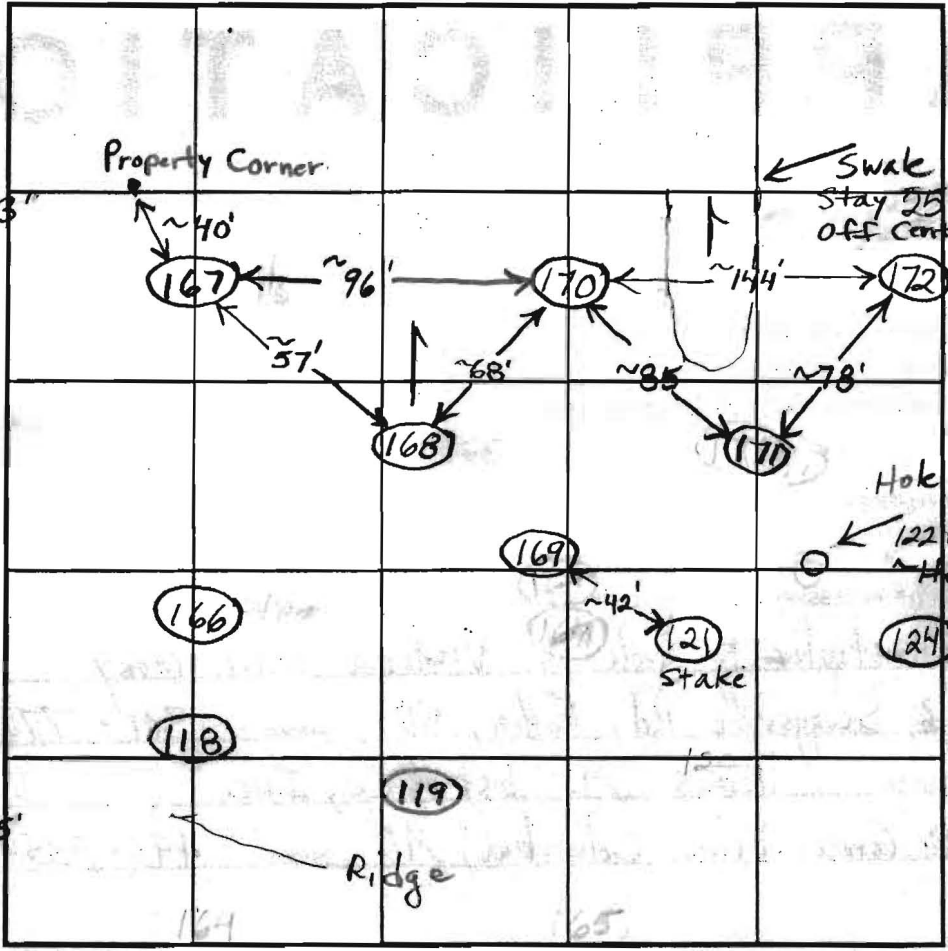
Beige Sa Loam  
 ~20% Rock and Saprolite 14'

(171)

Red Br Loam 3.5'-4'  
 Red Br Sa Loam  
 ~25% Saprolite

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/03	167	3' / 13.5'	12:00:30	12:12:45	12:12:45	12:35:45	23
	Repour	6.5'	11:54:25	11:57:45	11:57:45	12:03	~5
		4.5'	12:07:30	12:08:40	12:08:40	12:10:40	2
	Dry 168	4' / 14' V	12:16	12:18:15	12:18:15	12:22:20	~4
		6.5'	12:16:20	12:20:10	12:20:10	12:26:30	~6 1/2
	Dry 170	3.5' / 14' V	12:32	12:33:10	12:33:10	12:35	~2
		6' 9"	12:32:40	12:37	12:37	12:43:45	~9
	169	4.5' / 14' V	12:56:30	1:01	1:01	1:08:30	7 1/2
		6.5'	12:50	12:54	12:54	1:00	6
	171	4' 4" / 12'	1:26:30	1:31:15	1:31:15	1:37:45	6 1/2
		6'	1:25:30	1:26:50	1:26:50	1:28:50	2

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY B. Baker ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

12' INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

O.K. ↓



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P 517386

AGENCY REVIEW: \_\_\_\_\_ DATE \_\_\_\_\_

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 \_\_\_\_\_ 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) Cole

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 12182 Scaggsville Rd Fulton MD 20759  
STREET CITY/TOWN STATE ZIP

APPLICANT James Jost

DAYTIME PHONE (443) 535-9200 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 12182 Scaggsville Rd.  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 41 GRID 13 PARCEL(S) 2 PROPOSED LOT SIZE \_\_\_\_\_

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. \_\_\_\_\_  
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

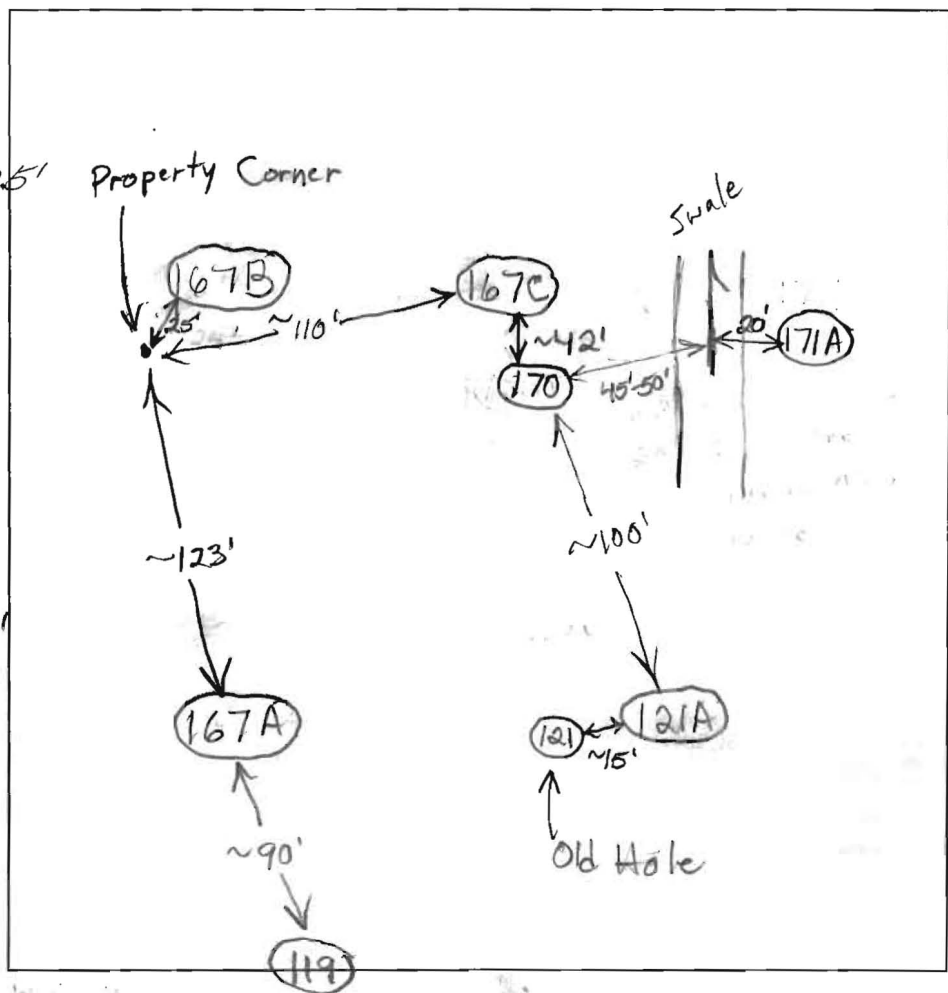
AP (167A)  
 Dr Br Loam and Topsoil 2'-2.5'  
 Red Br Sa Loam  
 25-30% Rock and Saprolite  
 13.5'

(167B)  
 Red Br Loam and Topsoil 3'  
 Red Br Sa Loam  
 ~20% Rock and Saprolite  
 12.5'

Water Seepage Water 3.5'

(167C)  
 Red Br Loam and Topsoil 3.5'  
 Med Br Sa Loam  
 20-25% Rock and Saprolite  
 12'

Caving Water 2.5'



(121A)  
 Red Br Loam and Topsoil 2.5'-3'  
 Light Red Br Sa Loam  
 10-15% Rock and Saprolite  
 11.5'

(171A)  
 Red Br Loam and Topsoil 2.5'-3'  
 Beige Sa Loam  
 ~30% Rock and Saprolite  
 Water 11.5'

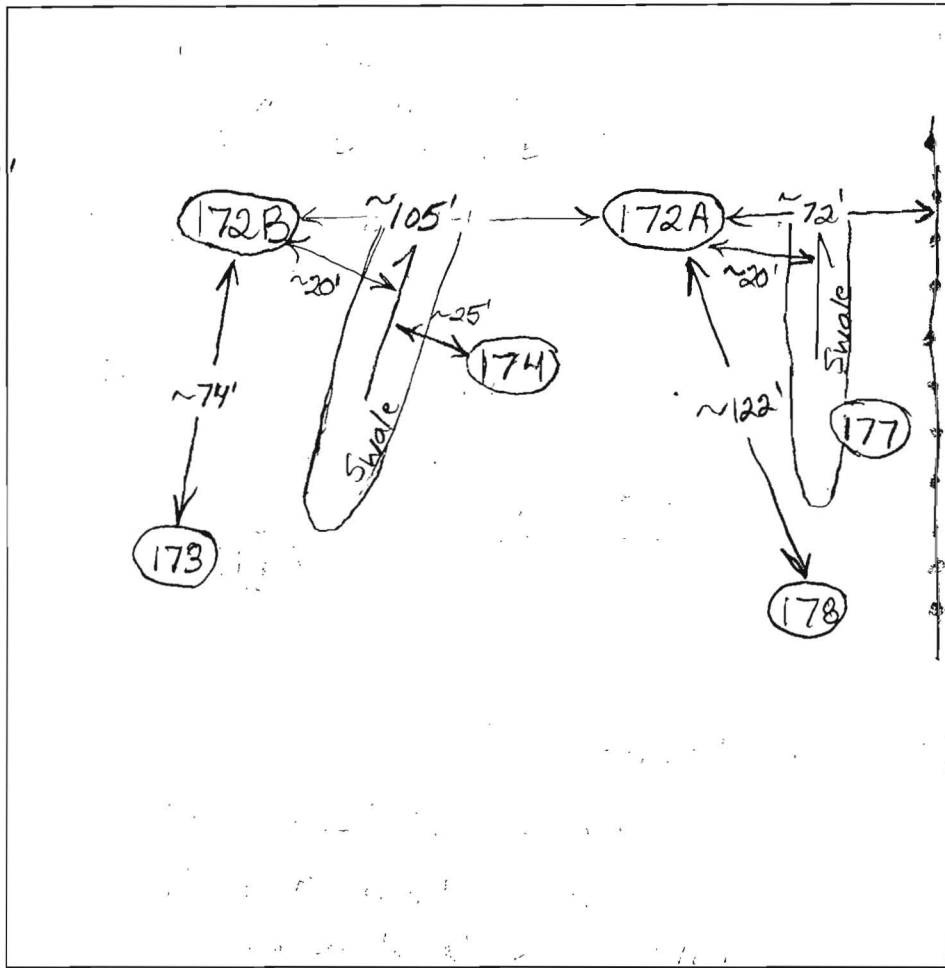
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/20/03	167A	3.5' / 13.5'	12:08	12:09:40	12:09:40	12:12:20	~2 1/2
		5'	12:08	12:08:50	12:08:50	12:10:30	~1 1/2 O.K.
	167B	3.5' / 14'	12:35	?		12:37:40	O.K.
		4' 9"	12:33	12:34:15	12:31:15	12:36	~2
	167C	4' 4" / 13'	12:51	12:58:30	12:58:30	1:07:30	9 O.K.
		6'	12:51:30	12:56	12:56	1:03	7
	121A	4' / 11.5'	1:16:45	1:18:45	1:18:45	1:21:45	3 O.K.
		7'	1:16:30	1:20	1:20	1:26	6
	171A	3' 8" / 11.5'	?	1:30:45	1:30:45	1:32:45	2

REMARKS: Hole 171A is 5' 4" too close to Swale Center  
 SANITARIAN B. Baker BACKHOE Fogles OTHERS  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

AP

(172B)  
 Or Br Loam and Topsoil 3'-4'  
 Or Br Sa Loam ~15% Rock and Saprolite  
 Caving Water 9' 9.5'

(172A)  
 Or Br Loam and Topsoil 2.5'  
 Or Br Sa Loam ~35% Rock and Saprolite  
 Caving - Seepage Water 10' 11.5'



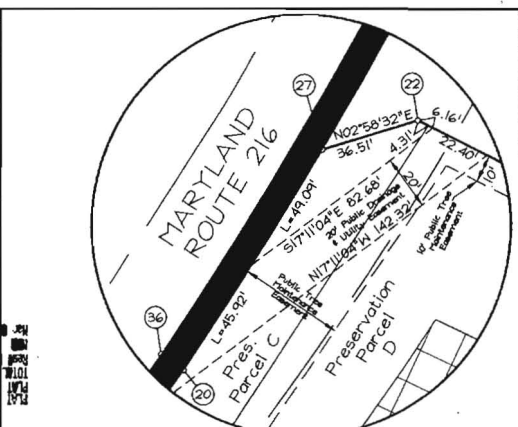
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/20/03	172B	4' 2" / 9.5' V	1:53:45	1:55:40	1:55:40	1:58:35	3
		5' 10"	1:54:15	1:55:35	1:55:35	1:57:50	2 1/2
	172A	3' / 11.5' V	2:19:20	2:24:15	2:24:15	2:36	~8
		4.5'	2:19:30	2:20:15	2:20:15	2:21:25	1 + min.
	Repair	4.5'	2:26:15	2:27:30	2:27:30	2:28:50	~1 1/2
	12"x12"	4.5'	2:33:20	2:34:50	2:34:50	2:36:30	~1 1/2 Marg.
Holes 172A and 172B are O.K. For a Shallow System							

REMARKS Holes 172A and 172B are both 5' top close to swales

SANITARIAN B. Baker BACKHOE Fogles OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

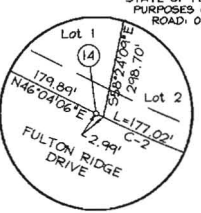


AREA DEDICATED TO THE MARYLAND STATE HIGHWAY ADMINISTRATION

Line	Bearing	Length
1	N84°29'04\"/>	
2	R=1600.00' L=363.71'	CHD=N42°40'35\"/>
3	N29°33'11\"/>	
4	R=1600.00' L=368.10'	CHD=S42°30'31\"/>
5	S34°2'40\"/>	
6	S19°41'56\"/>	

FEE SIMPLE AREA 8,291 SQ. FT. OR 0.1903 ACRES± SHOWN THUS: [shaded area]

DETAIL "C" SCALE: 1"=30'



DETAIL "B" SCALE: 1"=30'

T-TURN LINE TABLE

Line	Length	Bearing
L1	7.07	N22°54'59\"/>
L2	7.50	N67°54'59\"/>
L3	6.00	N22°05'01\"/>
L4	24.00	N22°05'01\"/>
L5	22.73	S67°54'59\"/>
L6	20.00	S67°54'59\"/>
L7	22.27	S67°54'59\"/>
L8	24.00	S22°05'01\"/>
L9	6.00	S22°05'01\"/>
L10	7.50	N67°54'59\"/>
L11	7.07	S67°05'01\"/>
L12	30.00	N22°05'01\"/>
L13	66.00	S67°54'59\"/>
L14	30.00	S22°05'01\"/>

AREA TABULATIONS (THIS SHEET)

- Total number of lots/parcels to be recorded: 17 4 P/O Parcel B
  - Buildable: 0
  - Non-Buildable: 0
  - Open Space: 0
- Total area of lots/parcels to be recorded: 17,916.00 Ac.±
  - Buildable: 12,940.7 Ac.±
  - Non-Buildable: 0
  - Open Space: 0
- Total area of road right-of-way to be recorded: 1,120.00 Ac.±
- Total area of easements to be recorded: 19,036.00 Ac.±

APPROVED: For Private Water and Private Sewerage Systems for lots 1-3, 6-11, 14 and Private Water and Public Shared Sewage Disposal Facility for lots 4, 5, 12, 13. Howard County Health Department.

APPROVED: Howard County Department of Planning and Zoning.

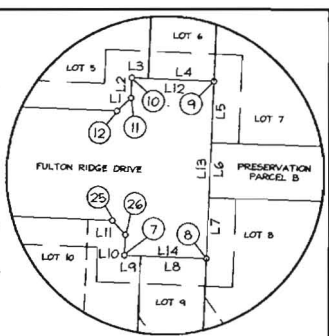
Chief, Department of Planning and Zoning  
 Director

**Reservation of Public Utility and Forest Conservation Easements**  
 Developer reserves unto itself, its successors and assigns, all easements shown on this plot for water, sewer, storm drainage and other public utilities and forest conservation (designated as "Forest Conservation Easement") located in, on, and through Lots 1-14 and Non-Buildable Preservation Parcels A, B, C, 4 D any conveyances of the aforesaid lots shall be subject to the easements herein reserved, whether or not expressly stated in the deed(s) conveying said lots. Developer shall execute and deliver deeds for the easements herein reserved to Howard County with a metes and bounds description of the forest conservation area. Upon completion of the public utilities and their acceptance by Howard County, and in the case of the forest conservation easement(s), upon completion of the developer's obligations under the forest conservation installation and maintenance agreement executed by the developer and the County, and the release of developer's surety posted with said agreement. The County shall accept the easements and record the deed(s) of easement in the Land Records of Howard County.

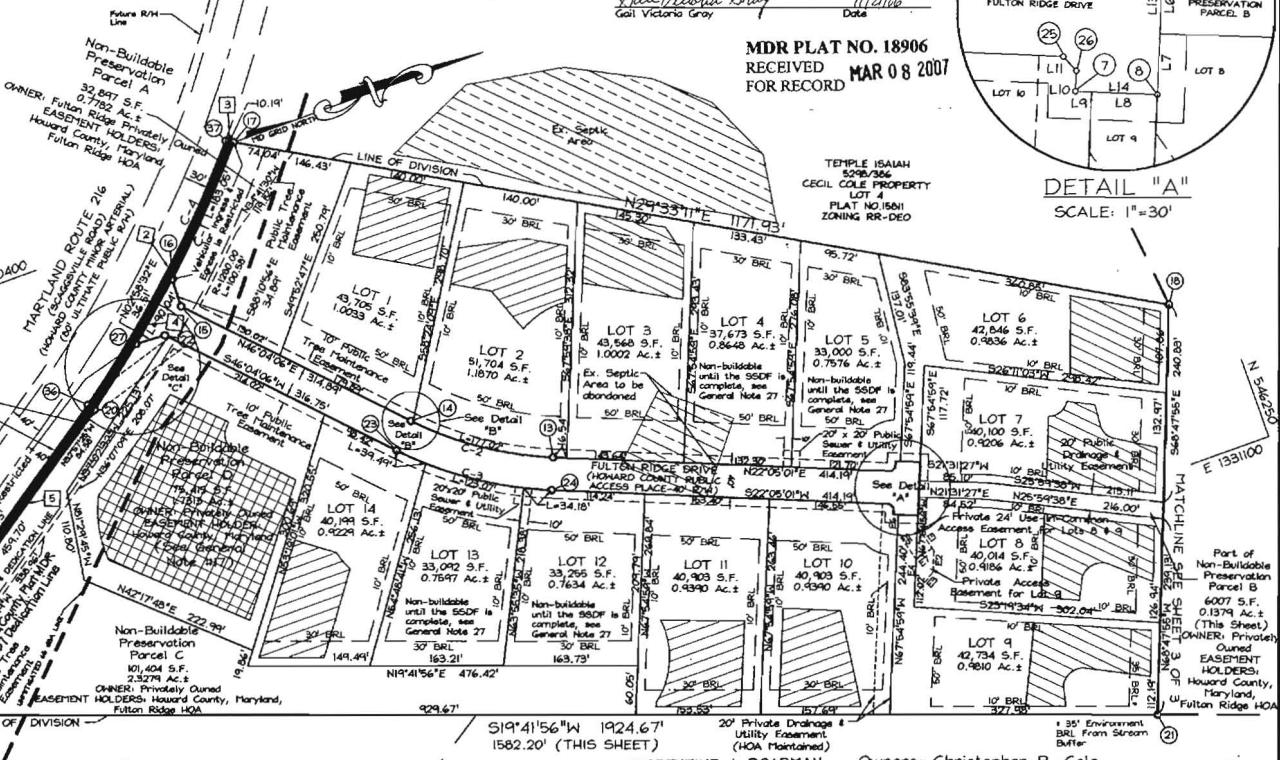
The requirements § 3-102, The Real Property Article, Annotated Code of Maryland, 1988 replacement volume, (as supplemented) as far as they relate to the making of this plot and the setting of easements have been complied with.

*Christopher R. Cole* 11/26/06  
 Date

*Gail Victoria Gray* 11/26/06  
 Date



DETAIL "A" SCALE: 1"=30'



MDR PLAT NO. 18906  
 RECEIVED MAR 08 2007  
 FOR RECORD

TEMPLE ISALAH 5298/306  
 CECIL COLE PROPERTY  
 LOT 1  
 PLAT NO. 15811  
 ZONING RR-DEO

FLORENTINE J. BOARMAN  
 ROSETTE A. BOARMAN  
 190/306  
 ZONING RR-DEO  
 P. 62

OWNERS: Christopher R. Cole  
 Gail Victoria Gray  
 796 Rocky Road  
 Johnson, VT 05666-9151

Developer: Fulton Ridge, LLC  
 6339 Ten Oaks Road  
 Suite 100  
 Clarksville, Md. 21029  
 443-535-0001

CURVE DATA TABLE

Station	Curve	Length	Radius	Chord Bearing	Chord Distance	Delta	Tangent
17 - 20	C-1	368.10	1610.00	S42°53'31\"/>			
13 - 14	C-2	190.00	430.00	N54°04'33\"/>			
24 - 23	C-3	196.75	470.00	S34°04'33\"/>			
E6	21.82	N67°54'59\"/>					
E7	24.00	N14°47'11\"/>					

USE-IN-COMMON ACCESS EASEMENT

Line	Length	Bearing
E1	36.00	S76°12'49\"/>
E2	26.00	S67°54'59\"/>
E3	36.00	S31°02'47\"/>
E4	43.60	N67°54'59\"/>
E5	40.00	S76°12'49\"/>
E6	21.82	N67°54'59\"/>
E7	24.00	N14°47'11\"/>

SURVEYOR'S CERTIFICATE

I hereby certify that the final plot shown hereon is correct; that it is a subdivision of all of the lands conveyed by Christopher R. Cole to Christopher R. Cole and Gail V. Gray by deed dated September 11, 2006 and recorded among the Land Records of Howard County, Maryland in Liber 10236 folio 36; and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown, in accordance with the Annotated Code of Maryland, as amended.



*Dwayne Miller* 11/26/06  
 D. Wayne Miller Professional Land Surveyor MD Reg. No. 10686

OWNER'S CERTIFICATE

We, Christopher R. Cole and Gail Victoria Gray, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plot by the Department of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns:

- The right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street right-of-ways and the specific easement areas shown hereon;
- The right to require dedication for public use the beds of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable;
- The right to require dedication of waterways and drainage easements for the specific purpose of their construction, repair, and maintenance; and
- That no building or similar structure of any kind shall be erected on or over the sold easements and rights-of-ways.

Witness my hand this 21st day of November, 2006.

*Christopher R. Cole*  
 Christopher R. Cole  
 Witness

*Gail Victoria Gray*  
 Gail Victoria Gray  
 Witness

RECORDED AS PLAT NUMBER \_\_\_\_\_  
 ON \_\_\_\_\_ AMONG THE  
 LAND RECORDS OF HOWARD COUNTY, MD.

FULTON RIDGE  
 LOTS 1-14 AND NON-BUILDABLE PRESERVATION  
 PARCELS A, B, C, 4 D  
 A RESUBDIVISION OF LOT 3  
 THE CECIL COLE PROPERTY

Tax Map 41 Grid 13 P/O Parcel 2  
 5th Election District - Howard County, Maryland  
 Scale: 1"=100' Date: November 2006 Sheet 2 of 3  
 Previous Submits: F-01-04, F-03-06, W-01-07, F-01-10,  
 B-01-07, B-02-09

LDE Inc.  
 Engineers, Surveyors, Planners  
 9230 Ramsey Road, Suite 106 Columbia, Maryland - 21045  
 (410)715-1070 - (301)396-3424 - FAX(410)715-9340

0 1 2 3 4 5 6 7 8 9 10  
 Meter Scale in Feet

P130250

MSA LSA 2105 3749-2

F06-111

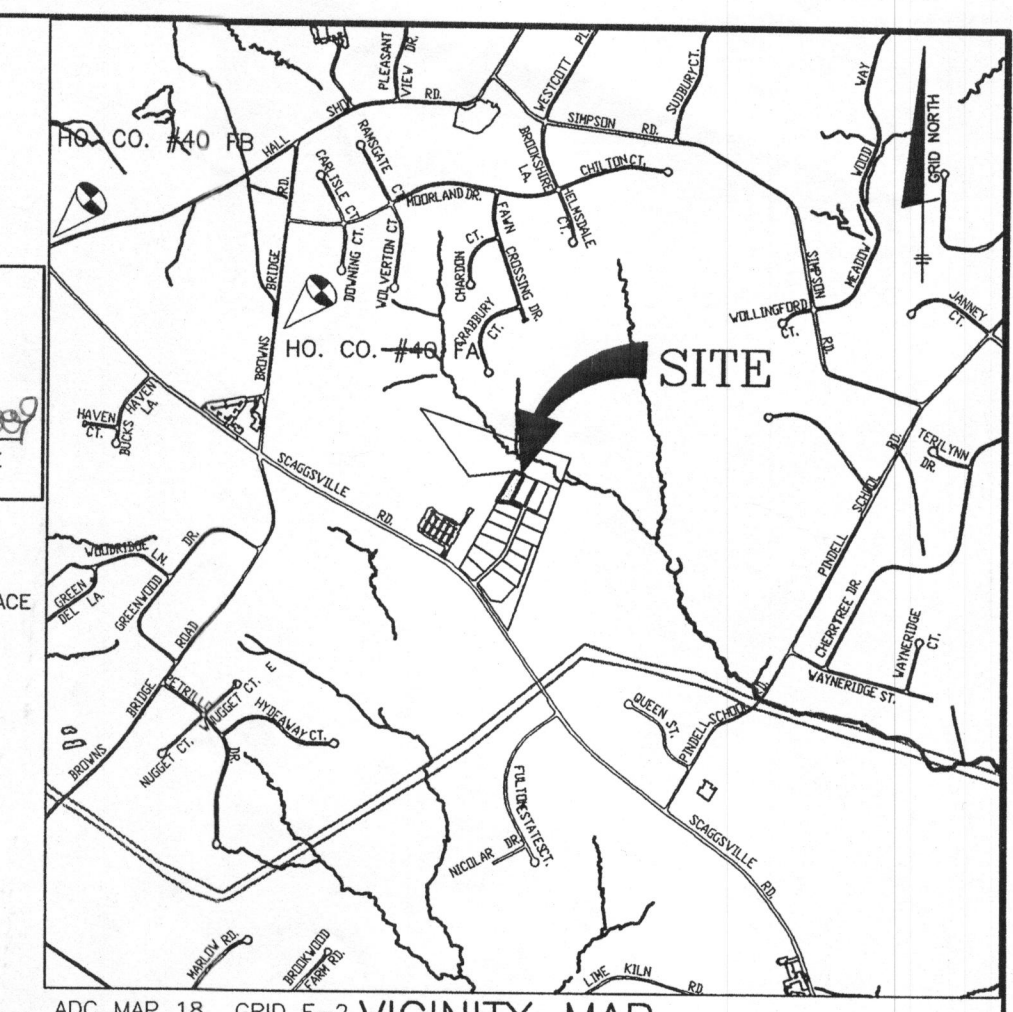
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

*John M. Carney* 7/8/09

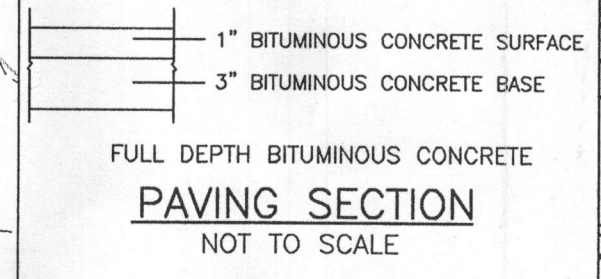
PLAN PREPARER  
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:  
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*B. Nye* for *Peter Brilensson* 7/23/2009  
COUNTY HEALTH OFFICER DATE



ADC MAP 18 GRID E-2 VICINITY MAP  
SCALE: 1"=2000'



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR FULTON RIDGE, PLAT No. 18906. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WILL BE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT AND SHALL BE MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY GIS INFORMATION AND WAS FIELD VERIFIED WITHIN SEPTIC AREA, LOT 6, BY BENCHMARK ENGINEERING, INC. MAY 2009.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS F-06-111.
9. SEPTIC TANK FOR THIS LOT IS 2,000 GALLONS.
10. THE EXISTING WELL SHOWN ON THIS PLAN, HO-95-0540, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
11. ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION IS TO RELOCATE THE REPAIR WELL LOCATIONS, AND TO ADJUST THE SEPTIC RESERVE AREA TO ACCOMMODATE STORMWATER MANAGEMENT.

LEGEND

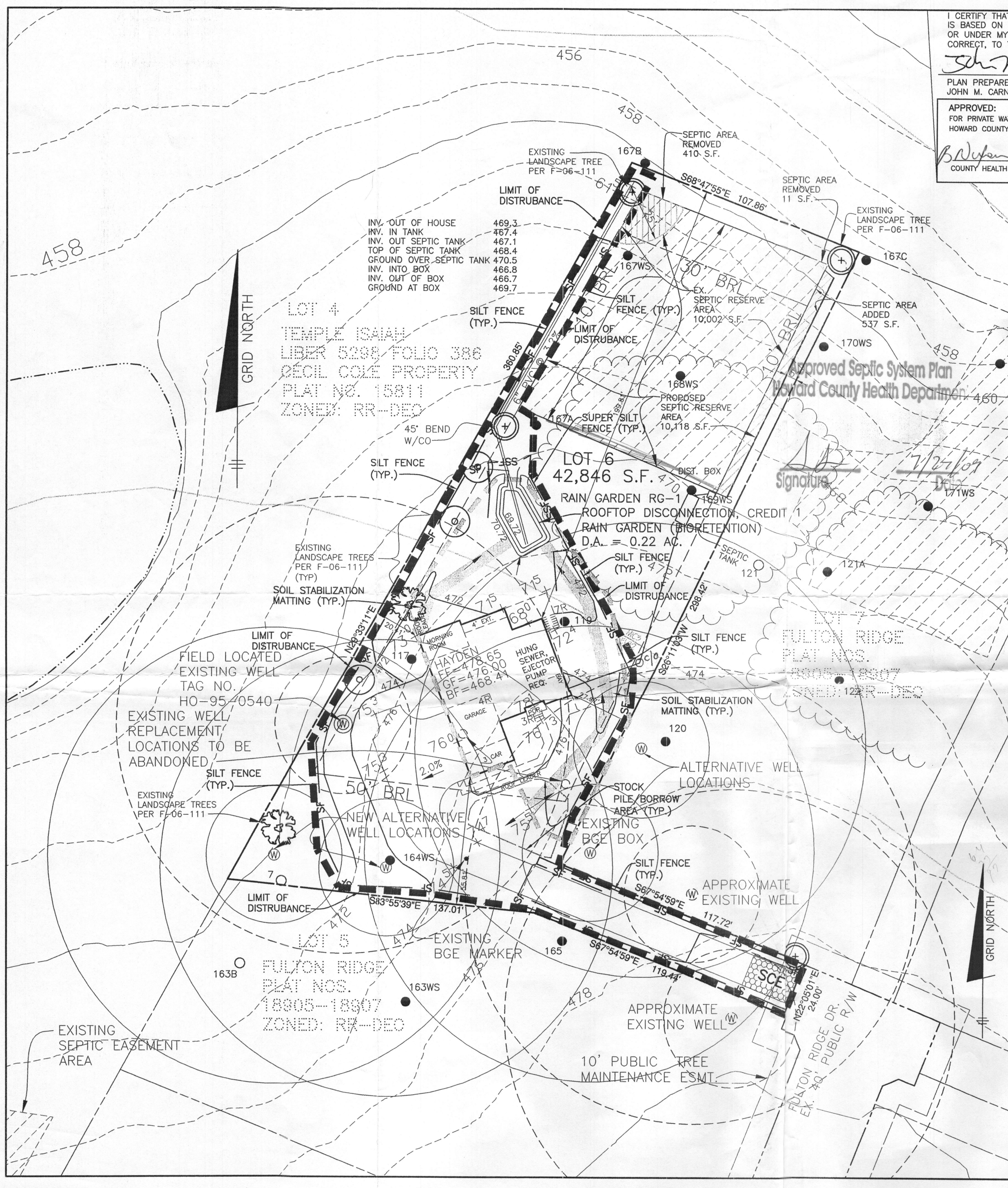
- EXISTING APPROVED SEPTIC FIELD
- APPROVED SEPTIC FIELD ABANDONED
- PROPOSED ADDITION TO SEPTIC FIELD
- PROPOSED REPLACEMENT WELL LOCATION
- FIELD SURVEYED WELL LOCATION
- APPROXIMATE EXISTING WELL LOCATION
- PASSED PERCOLATION TEST PER TEST RESULTS
- FAILED PERCOLATION TEST PER TEST RESULTS
- LIMIT OF DISTURBANCE

NO.	DATE	REVISION

**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 ▲ FAX: 410-465-6644  
EMAIL: bei@bei-civilengineering.com

OWNER/BUILDER:		PROJECT:	
DUSTIN HILL 5000 STRAWBRIDGE TERRANCE PERRY HALL, MD 21128		FULTON RIDGE LOT 6	
DESIGN: JMC		DRAFT: JMC	
DATE: JUNE, 2009 JULY 8, 2009		PROJECT NO. 2184	
SCALE: 1" = 30'		DRAWING 1 OF 1	
TITLE: REVISED PERCOLATION CERTIFICATION PLAN AND BUILDING PERMIT PLAN		HOUSE TYPE: HAYDEN	
LOCATION: 12131 FULTON RIDGE DRIVE FULTON, MD 20759 TAX MAP No. 41, GRID No. 13, PARCEL No. 506 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND			



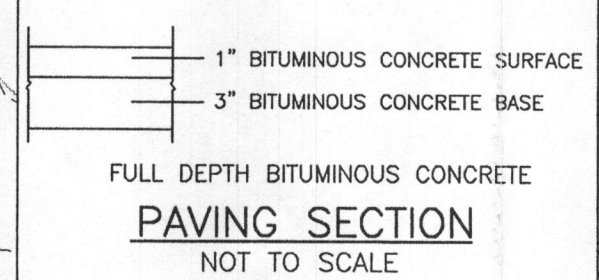
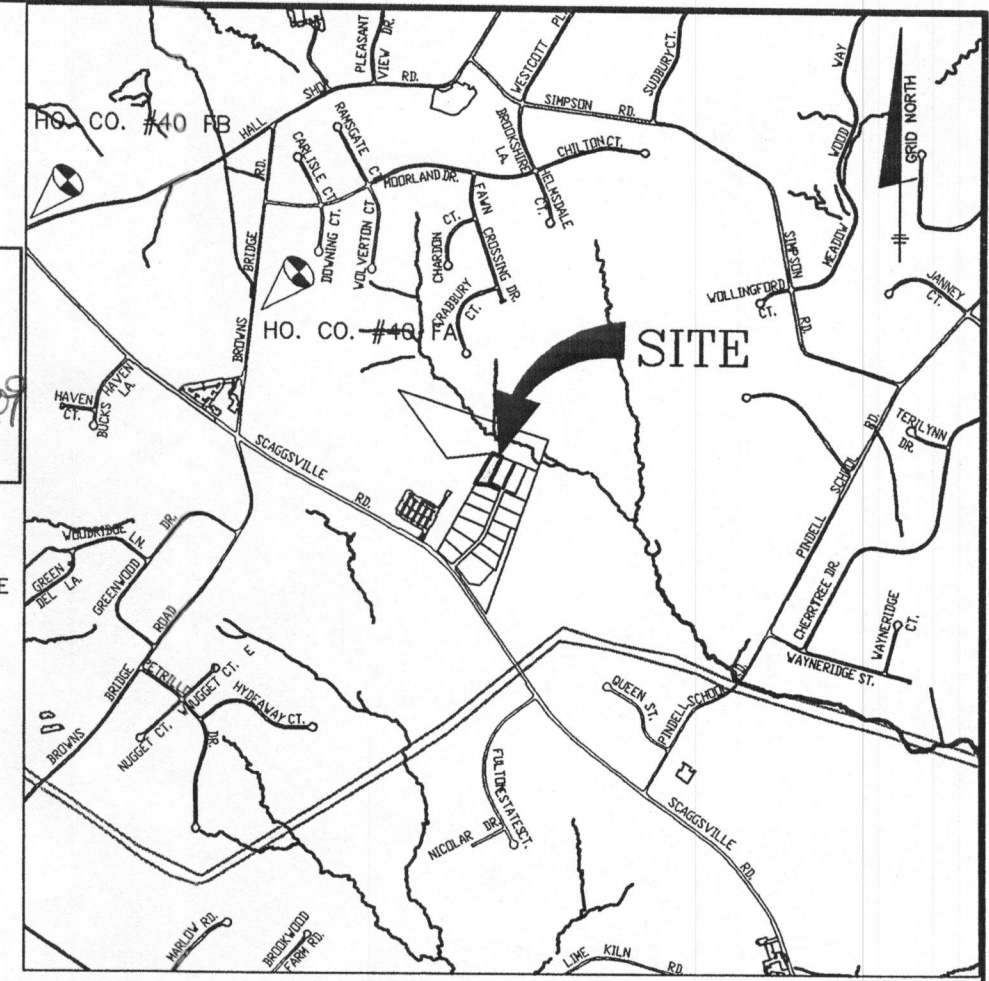
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

*John M. Carney* 7/8/09

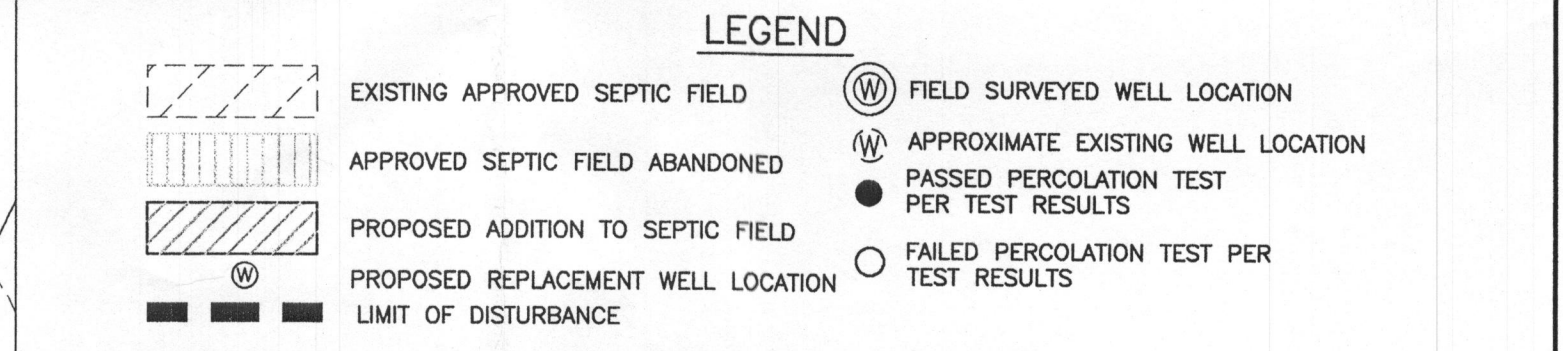
PLAN PREPARER  
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:  
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*Baldwin Peter Bideman* 7/23/2009  
COUNTY HEALTH OFFICER DATE



- NOTES:**
- THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR FULTON RIDGE, PLAT No. 18906. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
  - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED EASEMENT PLAT SHALL NOT BE NECESSARY.
  - SEDIMENT AND EROSION CONTROLS WILL BE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT AND SHALL BE MODIFIED FOR THIS SPECIFIC HOUSE.
  - TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY GIS INFORMATION AND WAS FIELD VERIFIED WITHIN SEPTIC AREA, LOT 6, BY BENCHMARK ENGINEERING, INC. MAY 2009.
  - EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
  - SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
  - ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  - ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS F-06-111.
  - SEPTIC TANK FOR THIS LOT IS 2,000 GALLONS.
  - THE EXISTING WELL SHOWN ON THIS PLAN, HO-95-0540, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
  - ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
  - THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION IS TO RELOCATE THE REPAIR WELL LOCATIONS AND TO ADJUST THE SEPTIC RESERVE AREA TO ACCOMMODATE STORMWATER MANAGEMENT.



NO.	DATE	REVISION

**BENCHMARK ENGINEERING, INC.**

ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

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ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 ▲ FAX: 410-465-6644  
EMAIL: bei@bei-civilengineering.com

OWNER/BUILDER:  DUSTIN HILL 5000 STRAWBRIDGE TERRANCE PERRY HALL, MD 21128	PROJECT:  FULTON RIDGE LOT 6 LOCATION: 12131 FULTON RIDGE DRIVE FULTON, MD 20759 TAX MAP No. 41, GRID No. 13, PARCEL No. 506 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND TITLE: REVISED PERCOLATION CERTIFICATION PLAN AND BUILDING PERMIT PLAN HOUSE TYPE: HAYDEN DATE: JUNE, 2009 JULY 8, 2009 PROJECT NO. 2184 SCALE: 1" = 30'
DESIGN: JMC	DRAFT: JMC
DRAWING 1 OF 1	

