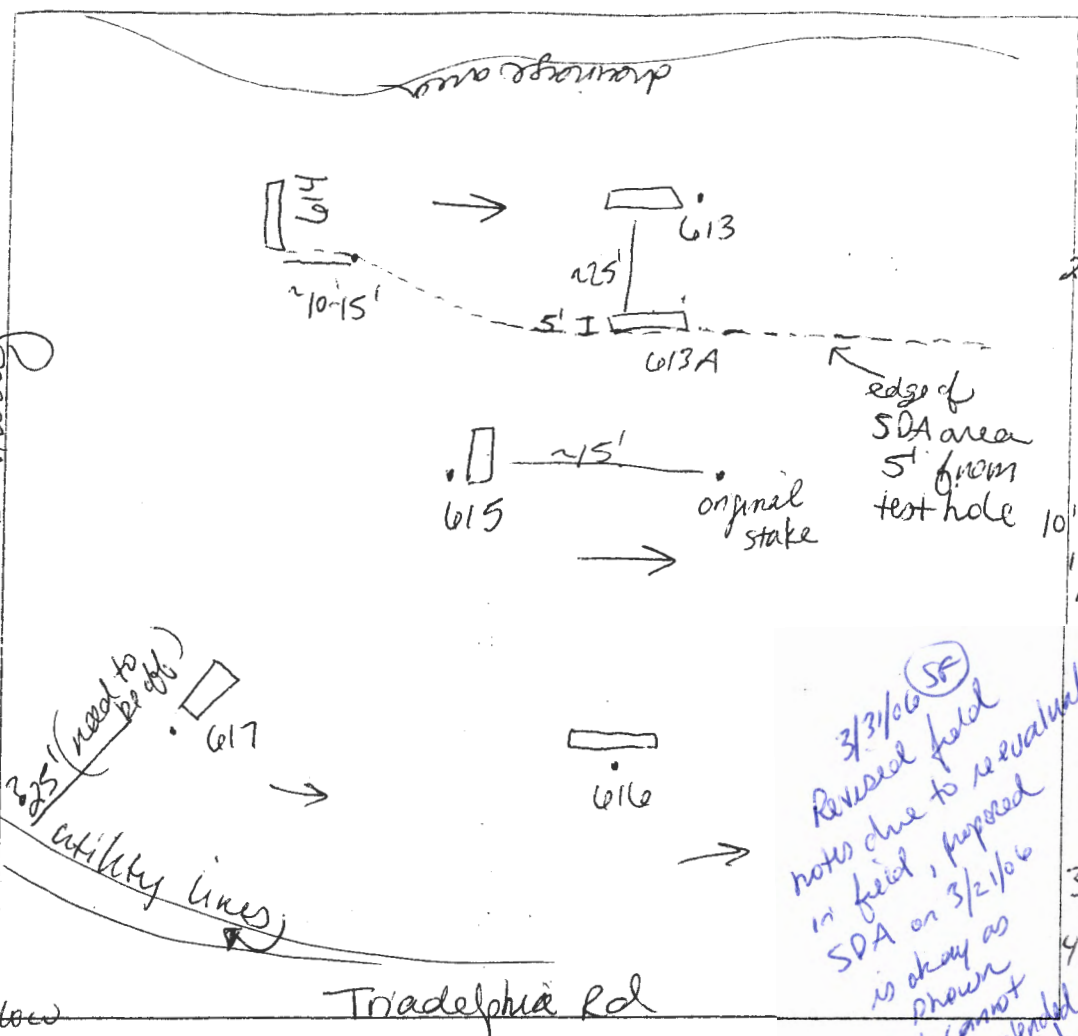


Lot 1

613
 1'5" dark brown L roots
 reddish yellow scl m cw micaceous
 5' light brown w/reddish yellow
 sl sg cw
 5% cobbles

616
 1'5" dark brown L roots
 reddish yellow scl m micaceous cw
 5' light yellow brown w/reddish yellow
 sl sg cw
 trace rock

617
 1' dark brown roots L
 reddish yellow micaceous scl m cw
 3' reddish yellow dense sl
 1/2-5' reddish yellow fine sl sg micaceous cw
 10-15% shaly saponite



613A
 8" dark brown L roots
 reddish yellow scl micaceous
 2 1/2' reddish yellow fine sl dense micaceous
 ? fine sl very micaceous cw 5% gravel saponite cobbles
 10' 12' 13' 13' 615
 dark brown L
 reddish yellow scl cw micaceous trace rock
 3' dense sl micaceous
 4 1/2' reddish yellow fine sl cw micaceous
 5-10% shale/gravel

614
 5-7' brown L roots
 brown scl m micaceous
 2' brown / pale red sl dense in ground
 8' center in sg cw micaceous
 13' fine sl sg micaceous

3/31/06 (SF)
 Revised field notes due to reevaluation in field, proposed SDA on 3/21/06 is okay as shown but cannot be extended NW direction

DATE	TEST #	DEPTH	START	BREAK 1' DRCP	STOP 2' DRCP	TIME OF 2-d INCH	P.F./H	
3/10/06	616	6' / 13'	10:12 ⁵⁵	10:14	10:16 ²	2	P	
	617	6' / 13'	10:23 ⁴⁰	10:25 ³⁹	10:28 ¹⁴	3	P	
	613	cave in = old hole water @ 10'						F
	613A	3 1/2' / 13'	11:29 ³³	11:31 ⁴²	11:34 ³¹	3	P	
	614	5 1/2' / 13'	11:23 ⁵⁰	11:24 ³⁸	11:26 ³⁸	2	P	
	615	13'		visual		ok	P	

REMARKS
 * SDA needs to be 25' from utility lines
 * Do not extend SDA past #613A, keep SDA 5' off test hole #613A
 * Do not extend SDA past #614 #613A effective area @ 25', 5' bottom max.
 Holes field adjusted - #616 effective area @ 5'

SANITARIAN SF BACKHOE K&K OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME 2.5 SQ. FT./BR _____

TRENCH WIDTH 2' INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

During a site visit it was noticed that water was already in the ST. Water Level reached the outlet invert. May be possible leak in tank allowing water to flow into the tank. This Must Be Investigated. Possibly the tank was water tight tested. May need a water tight test. Construction of septic system must be investigated. We do not have an as built on record so details of its design and construction must be uncovered.

- Abandon old well
- Yield Test
- Completion Report + yield test data sheet
- Samples for testing

Spencer 12/6/18

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption			View GroundRent Registration					
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Account Identifier:		District - 03 Account Number - 310248								
Owner Information										
Owner Name:		WEINMAN STEPHAN W DRIVER LAURIE J			Use:		RESIDENTIAL			
Mailing Address:		840 OELLA AVE #418 ELLCOTT CITY MD 21043-			Principal Residence:		NO			
					Deed Reference:		/18313/ 00443			
Location & Structure Information										
Premises Address:		12510 TRIADELPHIA RD ELLCOTT CITY 21042-0000			Legal Description:		LOT 1 1.374 A 12510 TRIADELPHIA RD WOODS AT TRIADELPHIA RSB			
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:	19926
0022	0006	0582		2033			1	2019	Plat Ref:	
Special Tax Areas:					Town:		NONE			
					Ad Valorem:		100			
					Tax Class:					
Primary Structure Built		Above Grade Living Area		Finished Basement Area		Property Land Area		County Use		
						1.3700 AC				
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation				
Value Information										
		Base Value		Value		Phase-in Assessments				
				As of		As of		As of		
				01/01/2016		07/01/2018		07/01/2019		
Land:		282,500		282,500						
Improvements		0		0						
Total:		282,500		282,500		282,500				
Preferential Land:		0								
Transfer Information										
Seller: CUMBERLAND CARY					Date: 08/09/2018		Price: \$350,000			
Type: ARMS LENGTH VACANT					Deed1: /18313/ 00443		Deed2:			
Seller: TRIDELPHIA ESTATES LLC					Date: 01/08/2015		Price: \$302,000			
Type: ARMS LENGTH VACANT					Deed1: /15959/ 00218		Deed2:			
Seller: GULBRANDSEN TERJE					Date: 04/24/2006		Price: \$1,800,000			
Type: ARMS LENGTH MULTIPLE					Deed1: /09960/ 00271		Deed2:			
Exemption Information										
Partial Exempt Assessments:		Class		07/01/2018		07/01/2019				
County:		000		0.00						
State:		000		0.00						
Municipal:		000		0.00		0.00				
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Homestead Application Information										
Homestead Application Status: No Application										
Homeowners' Tax Credit Application Information										

1. This screen allows you to search the Real Property database and display property records.
2. Click **here** for a glossary of terms.
3. Deleted accounts can only be selected by Property Account Identifier.
4. The following pages are for information purpose only. The data is not to be used for legal reports or documents. While we have confidence in the accuracy of these records, the Department makes no warranties, expressed or implied, regarding the information.

Cary Cumberland owns this property and looking for the as built. Septic was installed before BAT requirement. No house was built on it. Sarah confirmed there is a septic system on the property. I cannot find as built but we should have one. 12510 does not show up in Pat Tract nor does 12500 "parent property". Excell shows 12500 but has 12510 owner listed. Official archives and to be reviewed show nothing. As of right now we have lost the as built for the builder who is working on a project that we lost the perc notes for. Not Good

A32227
P38406

← See other side
Spencer

★ Important ★

Freemon, Robert

From: Williams, Jeffrey
Sent: Friday, December 07, 2018 8:06 AM
To: 'Cary Cumberland'
Cc: Freemon, Robert
Subject: RE: Triadelphia lot 1

That would be great if we can get something in writing from Justin. We need Zach to show us the actual dimensions of the tank, d-box, and trenches. We will need the elevation of the invert into the tank, so the plan will need to show the invert elevation of the line leaving the house and show a sewer profile with the line connecting the house to the tank with the percent fall. We will need the plan to show how the well box will be adjusted to meet the 100' from the tank. If we agree, we can redline the perc cert to match. Thanks
Jeff

From: Cary Cumberland [<mailto:cary@vikingcustomhomes.com>]
Sent: Thursday, December 06, 2018 3:00 PM
To: Williams, Jeffrey
Subject: Fwd: Triadelphia lot 1

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi Jeff
Attached is what Zach fish sent me over that shows the locations of the septic tank and clean outs marked as CO. I can print out hard copies in bring them down to you for your file.

I spoke to Justin Brendel at level land and he remembered the job and said Brian was the inspector. I asked him if he could write an email that I could send you saying that. He is also checking his file to see if he has a paid invoice for the job as well as any other information.

Please let me know if this works.

Thank you
Cary

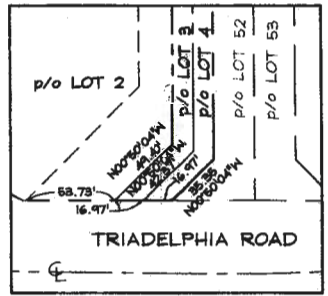
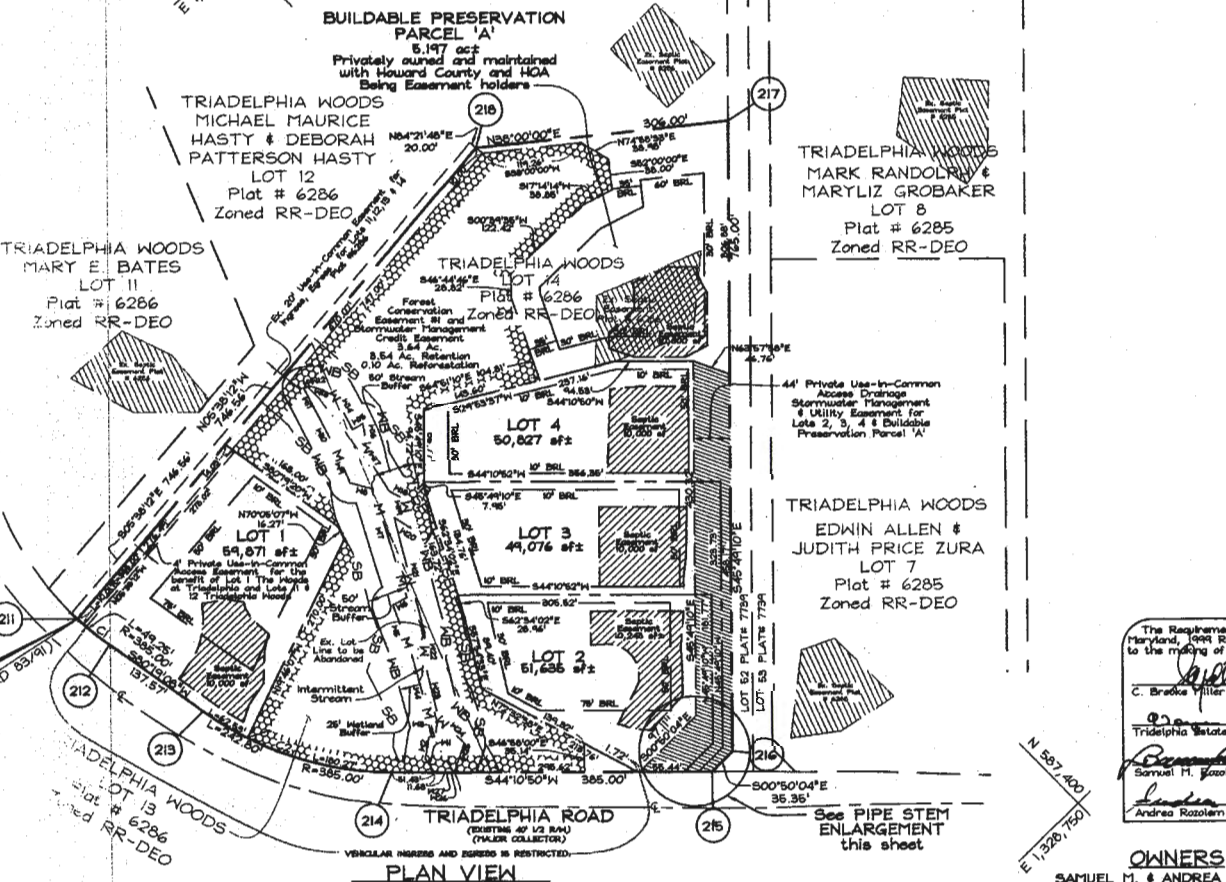
Get [Outlook for Android](#)

From: Zach Fisch <z.fisch@fsheri.com>
Sent: Thursday, December 6, 2018 2:14:09 PM
To: cary@vikingcustomhomes.com
Subject: Triadelphia lot 1

Zacharia Y. Fisch P.E , Principal
FSH ASSOCIATES LLC
6339 Howard Lane
Elkridge MD 21075
Tel. (410)567-5200 EXT.230
Fax.(410)796-1562
E-mail z.fisch@fsheri.com

**This email message is intended only for the addressee and may contain confidential and/or privileged material. Any interception, review, retransmission, dissemination, or other use of, or taking of any action upon this information by persons or entities other than the intended recipient is prohibited by law and may subject them to criminal or civil liability. If you received this communication in error, please contact us immediately at (410) 567-5200 and delete the communication from any computer or network system. Although this e-mail (including attachments) is believed to be free of any virus or other defect that might negatively affect any computer system into which it is received and opened, it is the responsibility of the recipient to ensure that it is virus free, and no responsibility is accepted by the sender for any loss or damage arising in any way in the event that such a virus or defect exists.*

LINE	BEARING	DISTANCE
H1	N79°30'40"W	19.81'
H2	N56°26'18"N	27.39'
H3	N44°41'17"E	6.44'
H4	N62°34'40"W	102.52'
H5	N68°50'39"W	65.55'
H6	N18°36'51"E	14.50'
H7	N62°44'36"W	136.55'
H8	S68°50'40"W	26.81'
H9	N62°41'36"W	44.35'
H10	N72°11'46"W	35.64'
H11	N78°33'47"W	37.90'
H12	N58°11'40"E	9.77'
H13	N60°10'15"E	27.30'
H14	S73°22'26"E	50.06'
H15	H3°23'11"E	14.33'
H16	S64°26'17"E	44.84'
H17	S77°36'46"E	44.30'
H18	N71°13'23"E	21.29'
H19	S66°20'19"E	35.26'
H20	S76°45'57"W	29.24'
H21	S65°58'20"E	143.38'
H22	S64°39'42"E	37.44'
H23	S68°50'44"E	70.64'
H24	N88°50'44"E	41.71'
H25	S26°18'40"E	36.43'
H26	S43°38'38"W	6.52'
H27	S31°07'09"W	5.12'



The Requirements § 3-106, The Real Property Article, Annotated Code of Maryland, 1999 Replacement Volume, (As supplemented so far as they relate to the meaning of this Plat and the setting of Markers have been compiled with.)

<i>Samuel M. Rozolem</i>	4-3-2008
C. Brooke Miller (MD Property Line Surveyor #185)	Date
<i>Samuel M. Rozolem</i>	4-3-08
Triadelphia Estates, LLC (Wayne Greenfield (member))	Date
<i>Samuel M. Rozolem</i>	4-3-08
Samuel M. Rozolem	Date
<i>Andrea Rozolem</i>	4-3-08
Andrea Rozolem	Date

AREA TABULATION CHART (This Sheet)

- Total number of Buildable Lots to be recorded this sheet: 4
- Total area of Buildable Lots to be recorded this sheet: 4.885 Ac.±
- Total number of Buildable Preservation Parcel to be recorded this sheet: 1
- Total area of Buildable Preservation Parcel to be recorded this sheet: 5.197 Ac.±
- Total area of Public Road Right of Way to be recorded on this sheet: 0.000 Ac.±
- Total area of subdivision to be recorded this sheet: 10.080 Ac.±

OWNERS
SAMUEL M. & ANDREA ROZOLEM
12600 Triadelphia Road
Ellicott City, Maryland 21042

OWNER/DEVELOPER
TRIADDELPHIA ESTATES, LLC
6656 Luster Drive
Highland, Maryland 20777
(410) 761-6782

FSH Associates
Engineers Planners Surveyors
6339 Howard Lane, Ellicott City, MD 21075
Tel: 410-587-5200 Fax: 410-796-1052
E-mail: info@fsh.com

APPROVED: For Private Water and Private Sewerage Systems, Lots 1 thru 4 and Buildable Preservation Parcel 'A', Howard County Health Department.

Robert P. Bilerman 5/8/2008
Howard County Health Officer Date

APPROVED: Howard County Department of Planning and Zoning

Christine M. Taylor 4/16/08
Director Date

OWNER'S CERTIFICATE

We, Triadelphia Estates, LLC, Samuel M. Rozolem, and Andrea Rozolem, the owners of the property shown and described herein, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Department of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns: (1) The right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services in and under all road and street Right-of-Way and the specific easement areas shown herein; (2) 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; (3) The right to require dedication of Easements and Drainage easements for the specific purpose of their construction, repair and maintenance; And (4) That no building or similar structure of any kind shall be erected on or over said Easements and Rights-of-Way.

Witness my hand this 3rd day of April, 2008.

Samuel M. Rozolem
Samuel M. Rozolem
Witness

Andrea Rozolem
Andrea Rozolem
Witness

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of all of the lands conveyed by Terje Gulbrandsen and Lorraine Gulbrandsen to Triadelphia Estates, LLC, a Maryland Limited Liability Company, by deed dated March 15, 2006 and recorded among the Land Records of Howard County, Maryland in Liber 1960, Folio 271, also part of the lands conveyed by Triadelphia Estates, LLC to Samuel M. Rozolem and Andrea Rozolem, his wife by deed dated December 1, 2006 and recorded among the Land Records of Howard County, Maryland in Liber 10478, Folio 282, 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.

Samuel M. Rozolem
C. Brooke Miller (MD Property Line Surveyor) Date

Recorded as Plat No. 1998 on 5-23-08
Among the Land Records of Howard County, Maryland.

THE WOODS AT TRIADDELPHIA
LOTS 1-4 & BUILDABLE PRESERVATION PARCEL 'A'
(A RESUBDIVISION OF LOTS 13 & 14)
TRIADDELPHIA WOODS
PLAT # 6286

TAX MAP 22 GRIDS 5 & 6, PARCEL 520
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

Scale: As Shown
Date: March 31, 2008
Sheet: 2 of 2
F-85-24, WP-06-090

STATE OF MARYLAND
COUNTY OF HOWARD
C. BROOKE MILLER
MD PROPERTY LINE SURVEYOR

AFFORESTATION AREA : 4,956 Sq. Ft. (0.10 Ac)

4,360 Sq. Ft. (100 TPA) 2'-3" 10hp planting with Tree Shelters
 0.10 acre x 250 TPA = 25 trees required

Qty	Botanical Name	Common Name	Min. Size	Spacing	Notes
8	Acer rubrum	Red Maple	100P 2'-3" saplings	11' x 11'	1-3 Satisfy
8	Prinos acerifolia	Bittersweet	100P 2'-3" saplings	11' x 11'	1-3 Caulkner
8	Rhus typhina	Black Gum	100P 2'-3" saplings	11' x 11'	1-3 Graham
11	Liriodendron	Sweetgum	100P 2'-3" saplings	11' x 11'	

FOREST CONSERVATION EASEMENT TABLE

EASEMENT	TYPE	AREA (ACRES)
	RETENTION	3.54
	REFORESTATION	0.10
TOTAL		3.64

The forest conservation easement has been established to fulfill the requirements of Section 16.220 of the Howard County Code and the Forest Conservation Plan. No clearing, grading or construction is permitted within the forest conservation easement. Inventory, forest management practices as defined in the Code of Forest Conservation Easement are allowed.

SOILS LEGEND			
SITUSOL	NAME / DESCRIPTION	SOIL GROUP	K Value
U1C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U1C2	10
U2C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U2C2	10
U3C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U3C2	10
U4C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U4C2	10
U5C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U5C2	10
U6C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U6C2	10
U7C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U7C2	10
U8C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U8C2	10
U9C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U9C2	10
U10C2	Chert, all loam, 8 to 20 percent slopes, moderately eroded	U10C2	10

LEGEND

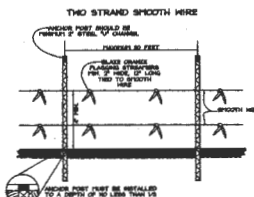
- Existing Contour
- Existing Tree Retention
- Existing Traps
- 8% - 20% slopes
- 20% or greater slopes
- Existing Septic Easement
- Existing Well
- Stream Corridor
- Stream Buffer
- Wetland
- Wetland Buffer
- Soil Boundary
- Forest Conservation Easement Retention Area
- Forest Conservation Easement Reforestation Area
- FCE Boundary
- Tree Protection Fence



VICINITY MAP
SCALE: 1"=200'

FOREST CONSERVATION NARRATIVE

The Forest Conservation Plan has been developed in accordance with the Howard County Forest Conservation Act of 1979. The total tract area consists of 10.26 acres of land. The site contains 100 acres of forest resources and 20 acres of wetland. The majority of the upland forest will be retained. Four will be removed for site grading. The total forest conservation obligation for the site is 3.64 acres. There shall be an easement containing 3.64 acres of retained and reforested forest. Due to site limitations on site, we will request that the remainder of the forest planting obligation (0.26 acres, or 25,000 SF) be fulfilled with free-to-line payment of \$6,125.00 (\$23.75 per 10,000 SF). The total forest conservation obligation met on this site is 3.64 acres, with a total forest conservation credit amount of \$68,000.00 (reduction of \$64,250.00 x 0.10 = \$6,425.00) offsetting planting of 4,956 sq. ft. x 0.250 x 7.7.



TREE PROTECTION DETAIL
 NOTES:
 1. FOREST PROTECTION SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 2. PROTECTIVE WIRE SHALL BE STAPLED AND PULLED TIGHT.
 3. ALL MATERIALS SHALL BE APPROVED.
 4. PROTECTIVE WIRE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
 5. DEVICE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

SPECIMEN TREE LIST									
Number	Common Name	Species	Condition	DBH	Height	Notes	Retention	Removal	Planting
01-1	Red Maple	Acer rubrum	Good	10"	20'	Retain	Yes	No	0
01-2	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-3	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-4	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-5	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-6	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-7	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-8	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-9	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-10	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-11	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-12	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-13	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-14	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-15	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-16	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-17	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-18	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-19	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-20	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-21	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-22	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-23	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-24	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-25	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-26	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-27	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-28	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-29	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-30	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-31	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-32	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-33	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-34	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-35	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-36	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-37	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-38	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-39	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-40	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-41	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-42	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-43	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-44	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-45	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-46	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-47	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-48	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-49	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0
01-50	Black Gum	Rhus typhina	Good	10"	20'	Retain	Yes	No	0

GENERAL NOTES

1. There are no floodplains, historic sites or features, rare, threatened or endangered species, critical habitat for rare, threatened or endangered species, or controversies on the subject site.

FOREST CONSERVATION WORKSHEET

Item	Description	Acres
A.	Total Tract Area	10.05
B.	Area Within 100 Year Floodplain	---
C.	Other Deductions	---
D.	Net Tract Area	10.05
Land Use Category		
E.	Afforestation Minimum (20 S x D)	2.04
F.	Conservation Threshold (26 S x D)	2.51
Existing Forest Cover		
G.	Existing Forest on Net Tract Area	9.06
H.	Forest Area Above Conservation Threshold Breakeven Point	6.55
I.	Forest Retention Above Threshold with no Reforestation	3.62
J.	Clearing Permitted without Reforestation	5.24
Proposed Forest Clearing		
K.	Forest Areas to be Cleared	5.52
L.	Forest Areas to be Retained	3.54
Planting Requirements		
M.	Reforestation for Clearing Above Threshold	1.56
N.	Reforestation for Clearing Below the Threshold	0
O.	Credit for Retention Above Conservation Threshold	1.03
P.	Total Reforestation Required	0.56
R.	Total Afforestation Required	0
S.	Total Reforestation and Afforestation Requirement	0.56



OWNER
 SAMUEL M. & ANDREA BOZZOLEM
 2800 Triadelphia Road
 Ellicott City, Maryland 21042

DEVELOPER
 TRIADELPHIA ESTATES, LLC
 1444 Laurel Drive
 Highland, Maryland 20777
 (301) 76-9762

FOREST CONSERVATION PLAN
THE WOODS AT TRIADELPHIA
LOTS 1-4 & BUILDABLE
PRESERVATION PARCEL 1A
TRIADELPHIA WOODS PLATS 1284

TAX MAP 22 GR125 & 4
 3RD ELECTION DISTRICT

PARCEL 529
 HOWARD COUNTY, MARYLAND

FSH Associates
 Engineers Planners Surveyors
 628 Howard Road, Ellicott City, MD 21043
 Tel: 410-667-6200 Fax: 410-795-1852
 e-mail: fsh@earthlink.net

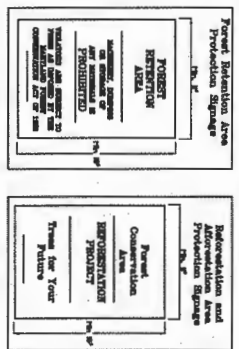
DESIGNED BY: FSH
 CHECKED BY: FSH
 SCALE: 1"=50'
 DATE: JAN 24, 2008
 PLO. No.: 0000
 SHEET No.: 1 OF 1

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 1/10/08
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

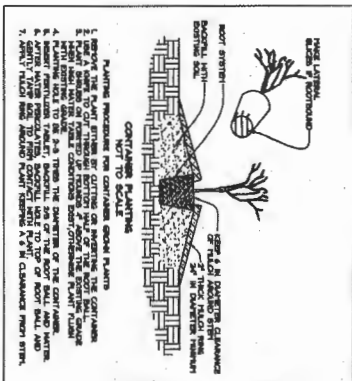
[Signature] 2/5/08
 CHIEF, DIVISION OF LAND DEVELOPMENT

TRIADELPHIA ROAD
 (1/2 R/W 40')
 (Major Collector)

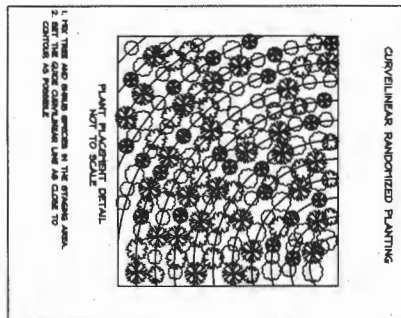


SIGN DETAIL, PERMANENT SIGN
 SIGNS SHALL BE PLACED ON THE FACE OF THE SIGNAGE AND SHALL BE PERMANENTLY ATTACHED TO THE SIGNAGE. SIGNS SHALL BE PLACED ON THE FACE OF THE SIGNAGE AND SHALL BE PERMANENTLY ATTACHED TO THE SIGNAGE.

Information and Advertisement Area
 The purpose of this area is to provide information and advertisement to the public. This area shall be used for the placement of signs, brochures, and other materials. The area shall be maintained in a clean and attractive condition. The area shall be used for the placement of signs, brochures, and other materials. The area shall be maintained in a clean and attractive condition.



CIRCULAR ROOT ZONE
 The circular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid. The circular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid.



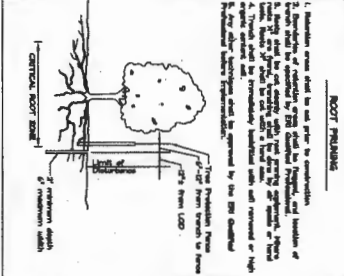
CIRCULAR ROOT ZONE
 The circular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid. The circular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid.



RECTANGULAR ROOT ZONE
 The rectangular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid. The rectangular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid.



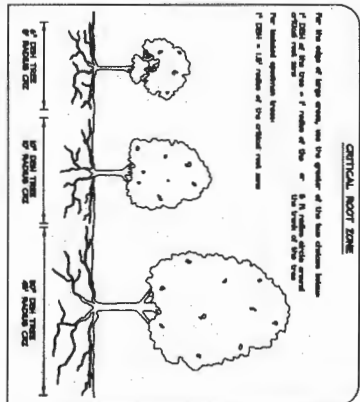
RECTANGULAR ROOT ZONE
 The rectangular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid. The rectangular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid.



RECTANGULAR ROOT ZONE
 The rectangular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid. The rectangular root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid.

Reforestation Area Planting Notes
 1. The purpose of this area is to provide information and advertisement to the public. This area shall be used for the placement of signs, brochures, and other materials. The area shall be maintained in a clean and attractive condition. The area shall be used for the placement of signs, brochures, and other materials. The area shall be maintained in a clean and attractive condition.

Reforestation Area Planting Notes
 1. The purpose of this area is to provide information and advertisement to the public. This area shall be used for the placement of signs, brochures, and other materials. The area shall be maintained in a clean and attractive condition. The area shall be used for the placement of signs, brochures, and other materials. The area shall be maintained in a clean and attractive condition.



CENTRAL ROOT ZONE
 The central root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid. The central root zone is the area around the base of the tree where the roots are concentrated. It is the area where the tree's roots are most active and where the tree's growth is most rapid.

APPROVED: BOARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 CHIEF ENGINEER: [Signature]
 CHIEF DIVISION OF LAND DEVELOPMENT: [Signature]

OWNER
 SHAWNEE HILL DEVELOPMENT, INC.
 1000 W. BROADWAY
 SUITE 100
 CHARLOTTE, NC 28202
 (704) 375-1000

DEVELOPER
 TUDOR DEVELOPMENT, LLC
 1000 W. BROADWAY
 SUITE 100
 CHARLOTTE, NC 28202
 (704) 375-1000

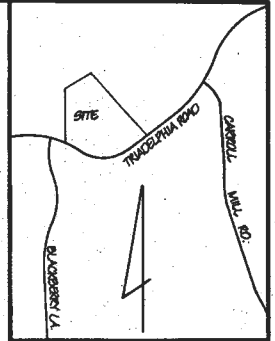
FOREST CONSERVATION PLAN
 THE WOODS AT TRIAD/DELPHIA
 LOTS 1-4 & BUILDABLE
 PRESERVATION PARCEL 'A'
 HUNTERWOOD, NC 27348
 HUNTERWOOD, NC 27348

EXPLORATION RESEARCH, INC.
 1000 W. BROADWAY
 SUITE 100
 CHARLOTTE, NC 28202
 (704) 375-1000

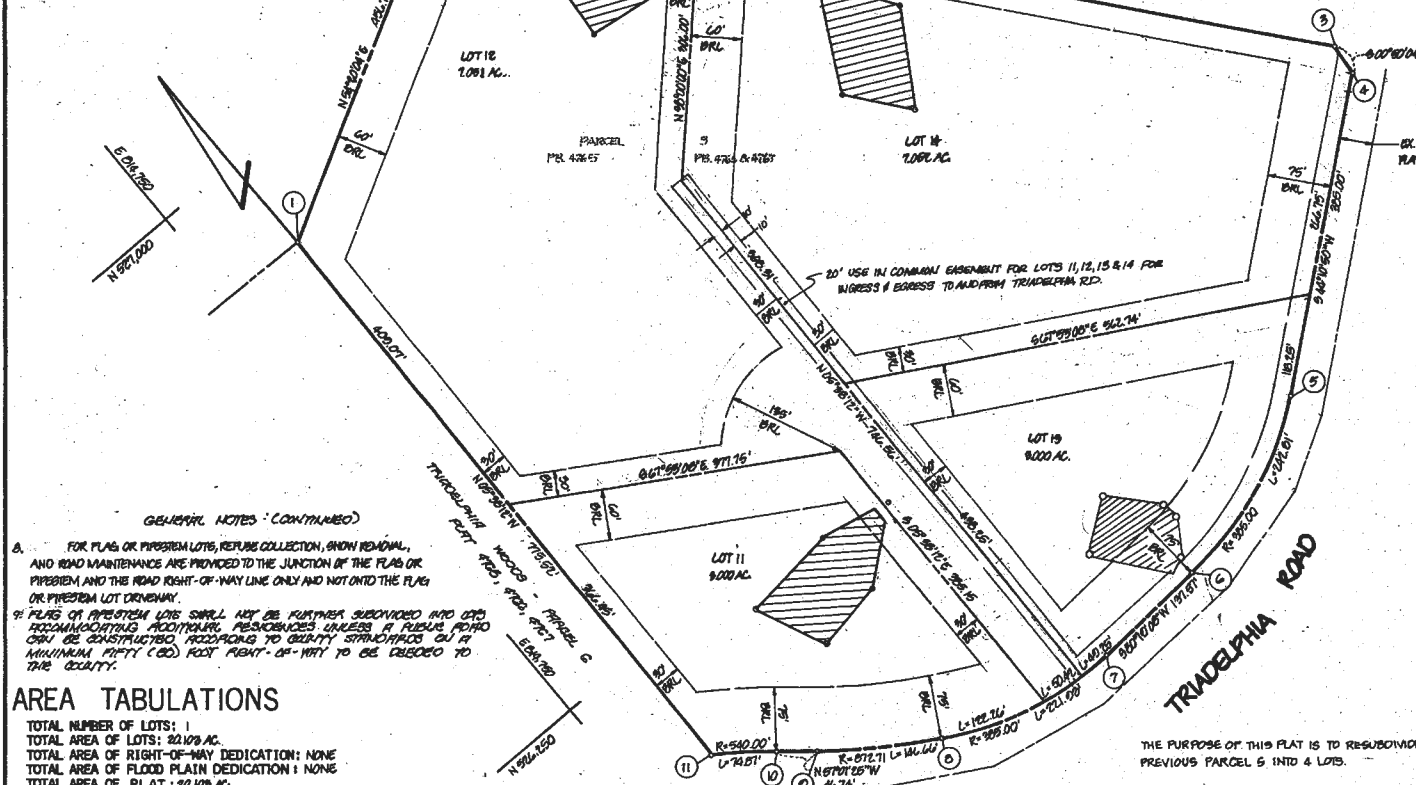
FISH Associates
 1000 W. BROADWAY
 SUITE 100
 CHARLOTTE, NC 28202
 (704) 375-1000

COORDINATE SCHEDULE		
NO.	NORTH	EAST
1	876.570.000	816.892.192
2	876.570.000	816.892.192
3	876.570.000	816.892.192
4	876.570.000	816.892.192
5	876.570.000	816.892.192
6	876.570.000	816.892.192
7	876.570.000	816.892.192
8	876.570.000	816.892.192
9	876.570.000	816.892.192
10	876.570.000	816.892.192
11	876.570.000	816.892.192

CURVE DATA						
CURVE	RADIUS	LENGTH	TAN	Δ	CHD BEARING & DIST.	
5-6	385.00'	242.01'	105.60'	90.0000°	S 60°14'12"E 236.00'	
7-8	385.00'	221.09'	111.76'	00°22'01"	S 60°14'51"E 221.10'	
8-9	876.71'	136.06'	78.32'	00°31'48"	S 95°58'36"W 136.40'	
10-11	840.00'	74.87'	37.82'	00°52'44"	N 85°18'52"E 74.82'	



VICINITY MAP
SCALE: 1" = 1200'



GENERAL NOTES

- TAX MAP: 22, PART OF PARCEL 988
- DEED REFERENCE: 1164/140
- COORDINATES SHOWN HEREON ARE BASED ON HOWARD COUNTY CONTROL STATIONS 9082005-R AND 9082004-R
- SUBJECT PROPERTY ZONED R PER 10-3-77 COMPREHENSIVE ZONING PLAN.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICE SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENDOCHMENTS INTO THE PRIVATE SEWAGE EASEMENT. REVISION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- ALL PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND ARE SHOWN THUS (o).

GENERAL NOTES (CONTINUED)

- FOR FLAG OR PIERCEMENT LOTS, REFUSE COLLECTION, SNOW REMOVAL, AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIERCEMENT AND THE ROAD RIGHT-OF-WAY LINE ONLY AND NOT ONTO THE FLAG OR PIERCEMENT LOT DRIVEWAY.
- FLAG OR PIERCEMENT LOTS SHALL NOT BE FURTHER SUBDIVIDED INTO LOTS ACCOMMODATING ADDITIONAL RESIDENCES UNLESS A FUTURE PUDHO CAN BE CONSTRUCTED ACCORDING TO COUNTY STANDARDS ON A MINIMUM FIFTY (50) FOOT RIGHT-OF-WAY TO BE DEDICATED TO THE COUNTY.

AREA TABULATIONS

TOTAL NUMBER OF LOTS: 1
 TOTAL AREA OF LOTS: 22,109 AC.
 TOTAL AREA OF RIGHT-OF-WAY DEDICATION: NONE
 TOTAL AREA OF FLOOD PLAIN DEDICATION: NONE
 TOTAL AREA OF PLAT: 22,109 AC.

OWNER & DEVELOPER

TERRE GULBRANDSON & MIKE HASTY
 680 GLEN ALLEN DRIVE
 BALD, MD 21220

OWNERS STATEMENT

WE, TERRE GULBRANDSON, LORRAINE GULBRANDSON, MICHAEL MAURICE HASTY AND DEBORAH PHASTY, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAN BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OF RIGHT-OF-WAYS AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAN SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY CHARLES CARROLL III & ANNE PARKER CARROLL WILKINSON TO TERRE GULBRANDSON & LORRAINE GULBRANDSON, HIS WIFE AND MICHAEL MAURICE HASTY AND DEBORAH PHASTY, HIS WIFE, BY DEED DATED JUNE 8, 1988 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 1166 AT FOLIO 120, SAID PARCEL ALSO BEING A RESUBDIVISION OF PARCEL 5, AS SHOWN ON PART OF SUBDIVISION ENTITLED TRIADELPHIA WOODS PARCELS 1 THRU 6, RECORDED AMONG THE AFORESAID LAND RECORDS IN PLATBOOK 4765, 4766 & 4767.

William G. Hartzel
 WILLIAM G. HARTZEL, P.L.S. NO. 5436
 DATE: 7-17-84

RECORDED AS PLAT _____ ON _____
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

LOTS 11, 12, 13 & 14
 TRIADELPHIA WOODS
 A RESUBDIVISION OF PARCEL 5

Q.R.Z. FILE # VP-2098
 TAX MAP: 22
 EX. ZONING: R
 9 RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 120'
 DATE: JUNE, 1984

boender associates engineers/surveyors/planners
 3945 ELLICOTT HILLS DRIVE
 ELLICOTT CITY, MARYLAND 21043
 BALTIMORE 301-488-1777

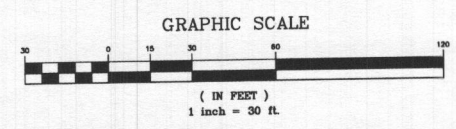
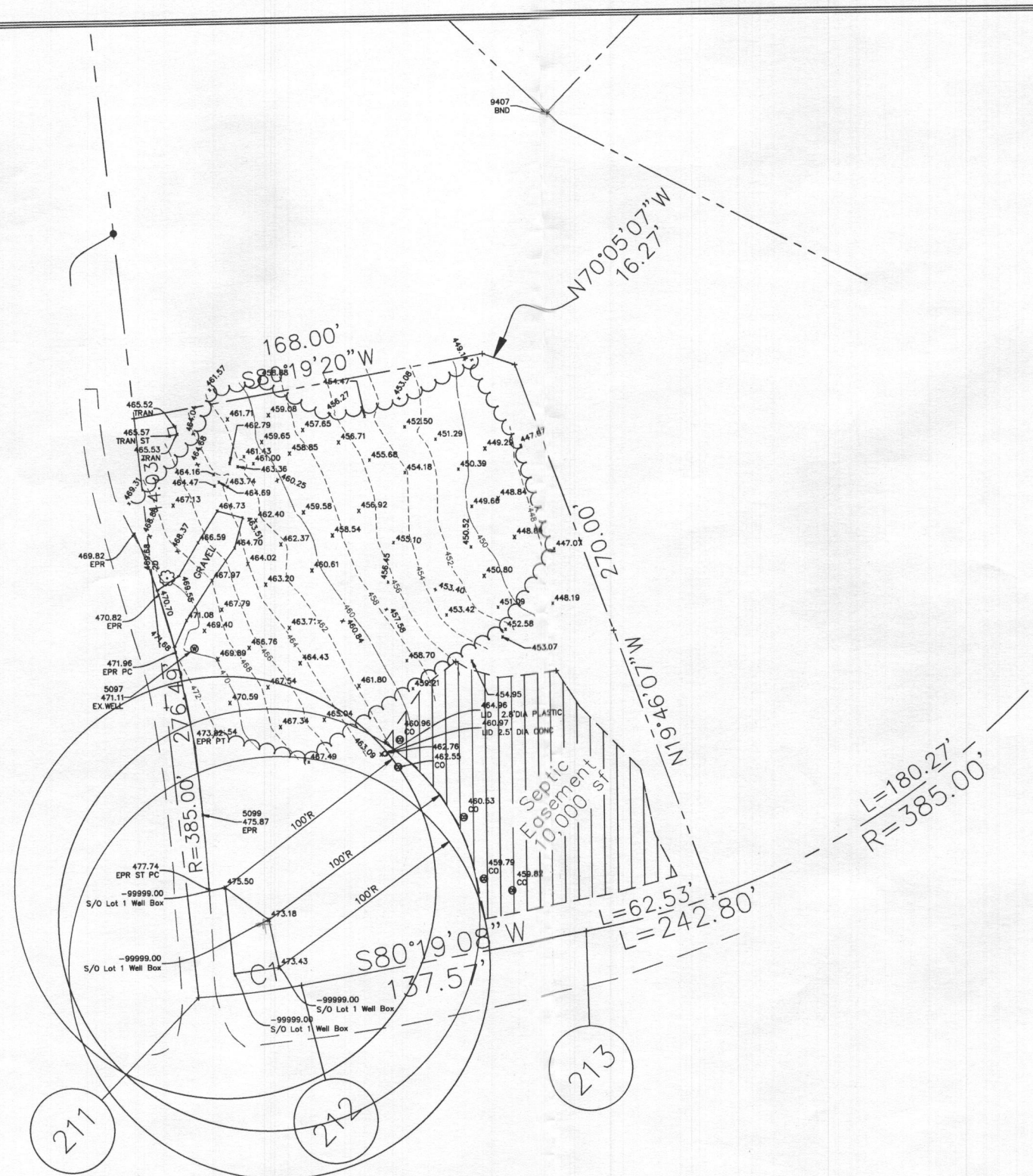
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 James M. Boyd, M.D. 7-15-85
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
 Thomas L. Hanning 7-23-85
 PLANNING DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 Tony F. Nummy 7-21-85
 DIRECTOR DATE

WITNESS MY/OUR HANDS THIS 10th DAY OF June 1984
 Michael W. Hartzel, Terrence Gulbrandson, Lorraine Gulbrandson, Mike Hasty, Deborah Phasty
 WITNESS WITNESS

Maryland State Grid (NAD 83/91)

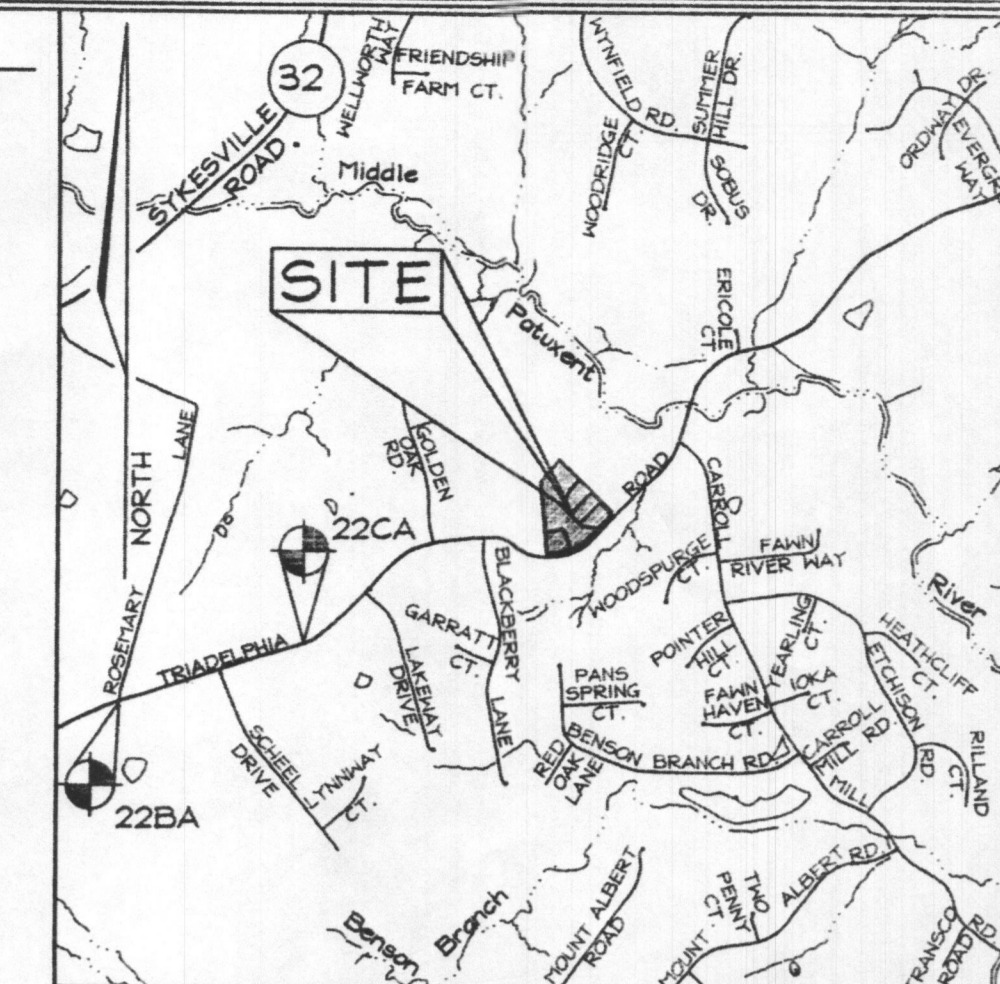
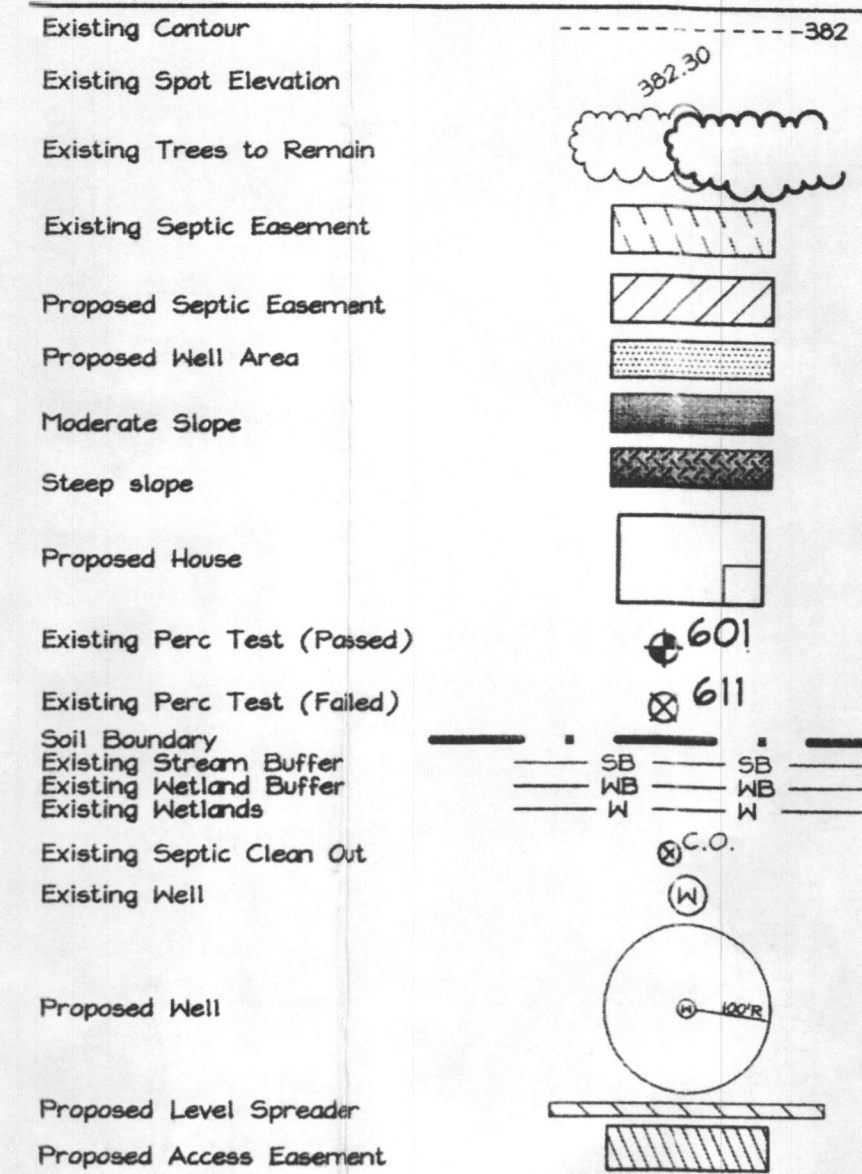


EXISTING CONDITIONS	
TRIDELPHIA RD LOT 1	
FSH Associates Engineers Planners Surveyors 6336 Howard Lane, Elkridge, MD 21075 Tel: 410-567-5200 Fax: 410-796-1562 E-mail: info@fsheri.com	DESIGN BY: _____ DRAWN BY: _____ CHECKED BY: _____ SCALE: 1" = 30' DATE: 09 24, 2018 W.O. No.: 4089 SHEET No.: 1 OF 1

11/20/2018 10:40:00 AM C:\Users\jsheri\AppData\Local\Temp\11111111.dwg 11/20/2018 10:40:00 AM 11/20/2018 10:40:00 AM

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChD2	Chester silt loam, 15 to 25 percent slopes, moderately eroded	B
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
MgC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
MIB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MIC2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B

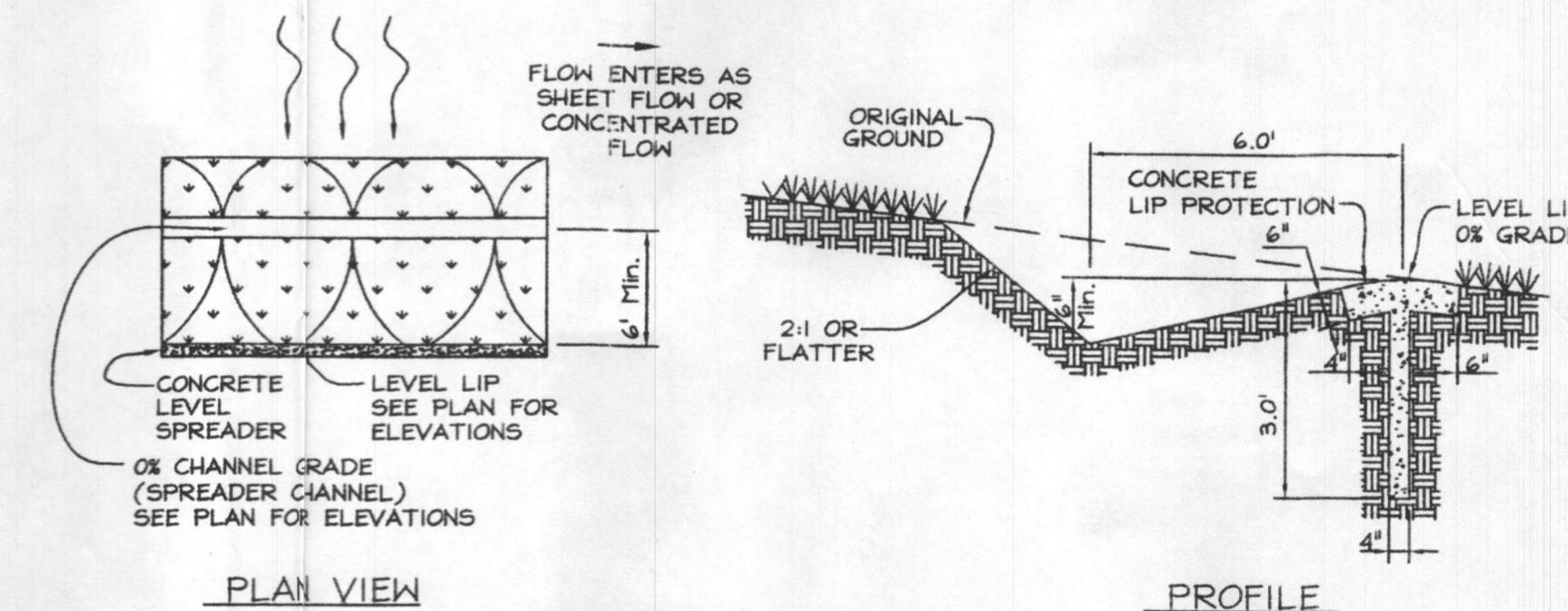
LEGEND



VICINITY MAP
SCALE: 1"=200'

- GENERAL NOTES**
- Subject property zoned RR-DEO per 02/02/04 Comprehensive Zoning Plan.
 - Total area of property = 10,050 ac ±.
 - Private water and Private sewer will be used within this site.
 - This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewerage is available. 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.
 - All wells and septic fields within 100' of property's boundary have been shown.
 - Existing Topography on site is based on field run survey by FSH Associates on or about December, 2006.
 - All wells to be drilled prior to submittal of record plat for signature. 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 follows the Health Department signature of the record plat.
 - Number of proposed lots: 4
 - Number of Buildable Preservation Parcels: 1
 - Deed History: Parcel 528: December 2006-present: Samuel M. and Andrea Rozolem March 2006-December 2006: Triadelphia Estates, LLC 1985-March 2006: Terje and Lorraine Gulbrandsen 1983-1985: Terje and Lorraine Gulbrandsen and Michael Maurice Hasty and Deborah Patterson Hasty 1916-1983: Charles and Mary C. Carroll
 - The lots shown herein comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
 - References: Plat 6285
 - All existing structures and site improvements to remain unless otherwise noted.
 - Lot restrictions: Lot 2 = 4 Bedroom Maximum Lot 3 = 5 Bedroom Maximum Lot 4 = 5 Bedroom Maximum
 - Any stormwater management uses within the "Private Use-In-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3 & 4" other than for purpose of non-rooftop disconnect, will not comply with 25' setback required by the Howard County Health Department.
 - Any stormwater management uses within the "Private Use-In-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3, & 4" other than for purposes of non-rooftop disconnect, will not comply with the 25' setback required by the Howard County Health Department.

PERC. CHART	
Number	Elevation
600	499.11
601	490.16
602	480.92
603	479.84
604	474.38
605	461.40
606	464.66
607	454.12
608	448.42
609	449.07
610	448.59
611	426.62
611A	426.15
612A	432.94
613A	424.34
614	463.39
615	457.90
616	452.60
617	451.11
630	481.74
631	494.89
632	465.87



NOTE: See plan for level spreader lengths.
TYPICAL CONCRETE LEVEL SPREDER
NOT TO SCALE

original well collapsed - well site still active. Per future well if needed - screen required.

REVISED WELL AREA

D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-848-8818

REV No.	DATE	BY	DESCRIPTION
1	2018-12-20	DRS/ebp	Revised Well Area

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Richard Peter Bieleman, MD 1/16/2008
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

TRIADELPHIA ROAD
(1/2 R/W 40')
(Major Collector)

PLAN VIEW
SCALE: 1"=50'

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

Zacharia Yosef Fisch
ZACHARIA YOSEF FISCH, P.E. #22418
FSH ASSOCIATES

1/3/2008
DATE

OWNER
SAMUEL M. & ANDREA ROZOLEM
1260 Triadelphia Road
Ellicott City, Maryland 21042

DEVELOPER
TRIDELPHIA ESTATES, LLC
666 Luster Drive
Highland, Maryland 20777
(410) 781-6782

AMENDED PERCOLATION CERTIFICATION PLAN
THE WOODS AT TRIADDELPHIA
LOTS 1-4 & BUILDABLE PRESERVATION PARCEL 'A'
(A RESUBDIVISION OF LOTS 13 & 14)
TRIADDELPHIA WOODS PLAT# 6286
A# 523796

TAX MAP 22 GRIDS 5 & 6
3RD ELECTION DISTRICT

PARCEL 528
HOWARD COUNTY, MARYLAND

FSH Associates
Engineers Planners Surveyors
6339 Howard Lane ElkrIDGE, MD 21075
Tel: 410-567-5200 Fax: 410-796-1562
E-mail: info@fshen.com

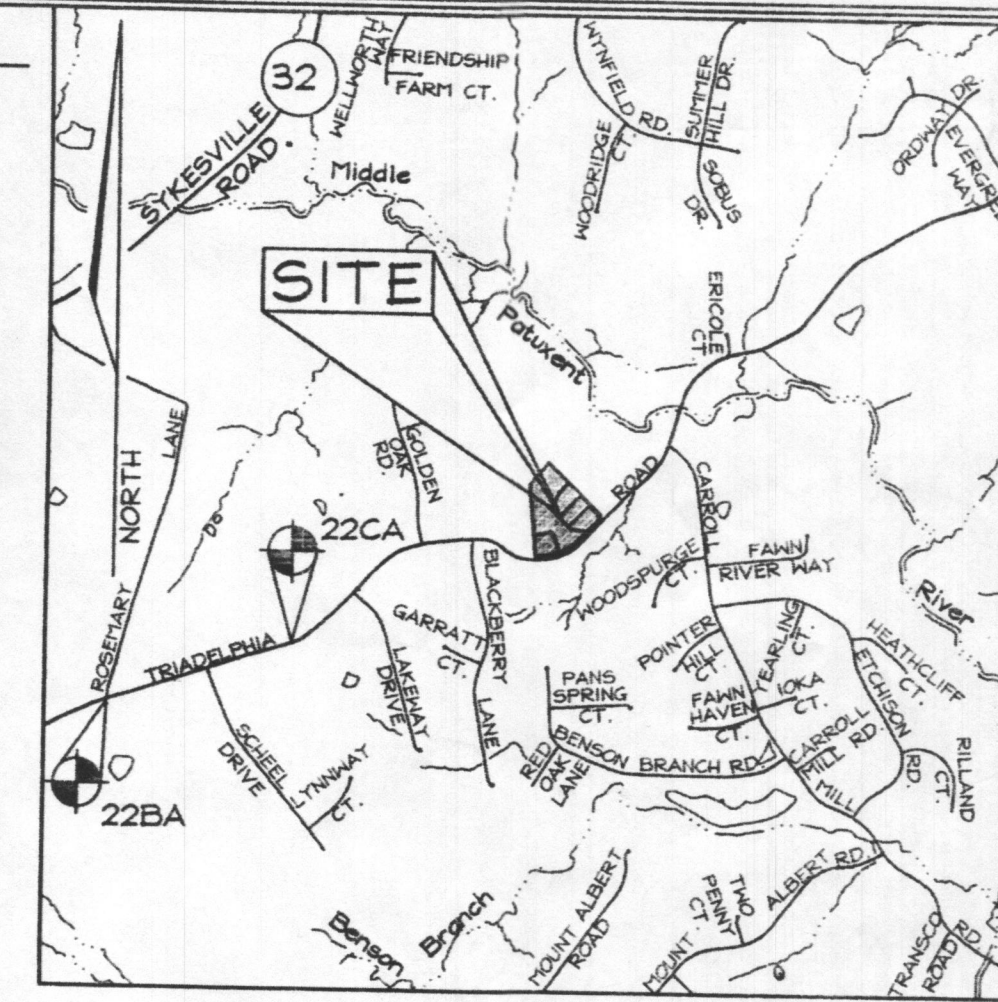
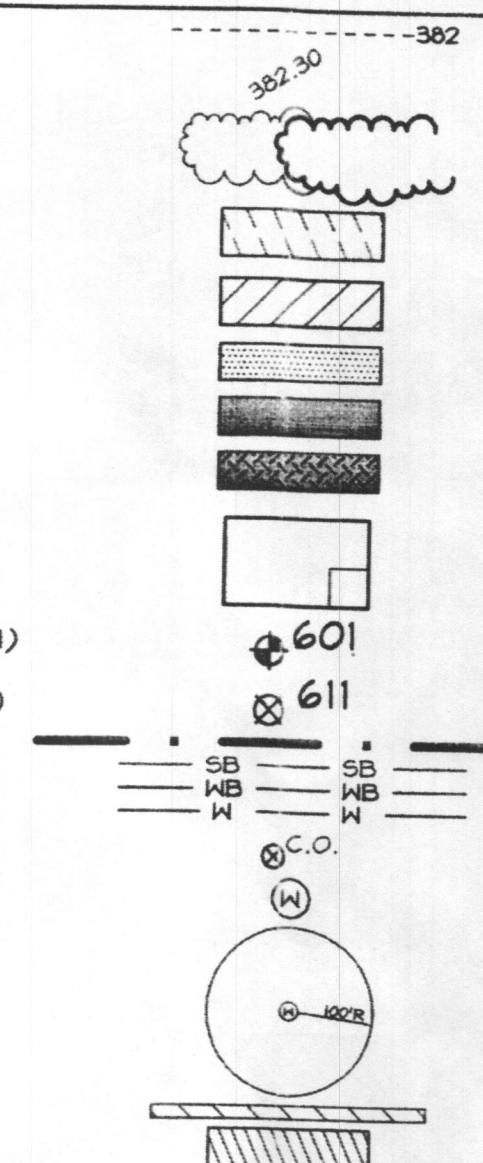
DESIGN BY: ZYF
DRAWN BY: HK
CHECKED BY: ZYF
SCALE: As Shown
DATE: Jan. 3, 2008
W.O. No.: 3383
SHEET No.: 1 OF 1

Signed 1/16/08

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChD2	Chester silt loam, 15 to 25 percent slopes, moderately eroded	C
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	B
MqC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
MIB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MIC2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B

LEGEND

- Existing Contour
- Existing Spot Elevation
- Existing Trees to Remain
- Existing Septic Easement
- Proposed Septic Easement
- Proposed Well Area
- Moderate Slope
- Steep slope
- Proposed House
- Existing Perc Test (Passed)
- Existing Perc Test (Failed)
- Soil Boundary
- Existing Stream Buffer
- Existing Wetland Buffer
- Existing Wetlands
- Existing Septic Clean Out
- Existing Well

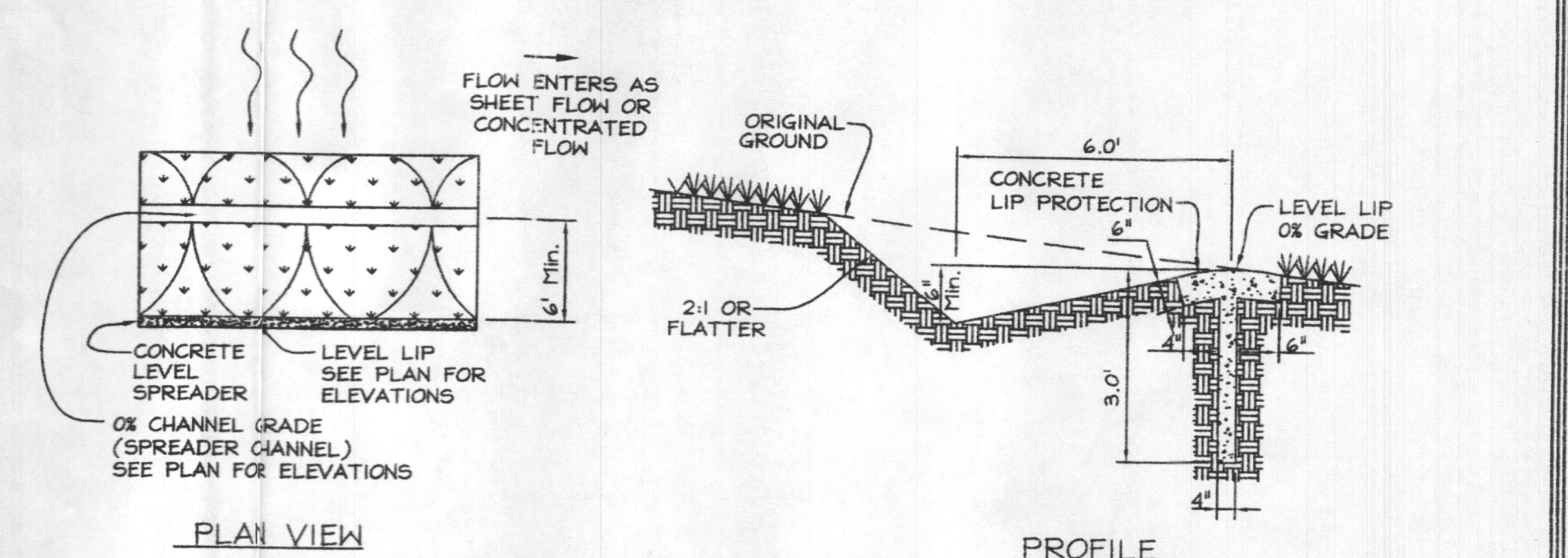


GENERAL NOTES

1. Subject property zoned RR-DEO per 02/02/04 Comprehensive Zoning Plan.
2. Total area of property = 10.050 ac.±
3. Private water and Private sewer will be used within this site.
4. [Hatched Area] This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewerage is available. 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.
5. All wells and septic fields within 100' of property's boundary have been shown.
6. Existing Topography on site is based on field run survey by FSH Associates on or about December, 2005.
7. All wells to be drilled prior to submittal of record plat for signature. 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.
8. Number of proposed lots: 4
9. Number of Buildable Preservation Parcels: 1
10. Deed History:
Parcel 528: December 2006-present: Samuel M. and Andrea Rozolem
March 2006-December 2006: Tridelphia Estates, LLC
1985-March 2006: Terje and Lorraine Gulbrandsen
1983-1985: Terje and Lorraine Gulbrandsen and Michael Maurice Hasty and Deborah Patterson Hasty
1916-1983: Charles and Mary C. Carroll
11. The lots shown herein comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
12. References: Plat # 6285
13. All existing structures and site improvements to remain unless otherwise noted.
14. Lot restrictions:
Lot 2 = 4 Bedroom Maximum
Lot 3 = 5 Bedroom Maximum
Lot 4 = 5 Bedroom Maximum
15. Any stormwater management uses within the "Private Use-In-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3 & 4" other than for purpose of non-rooftop disconnect, will not comply with 25' setback required by the Howard County Health Department.
16. Any stormwater management uses within the "Private Use-In-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3 & 4" other than for purposes of non-rooftop disconnect, will not comply with the 25' setback required by the Howard County Health Department.

PERC. CHART

Number	Elevation
600	493.11
601	490.16
602	480.92
603	479.84
604	474.38
605	481.42
606	464.66
607	454.12
608	448.42
609	449.07
610	443.53
611	426.62
611A	436.18
612A	432.94
613A	424.39
614	443.43
615	457.90
616	482.60
617	457.11
630	481.74
631	481.93
632	448.07



NOTE: See plan for level spreader lengths.
TYPICAL CONCRETE LEVEL SPREADER
NOT TO SCALE

original well collapsed
well site still active for future
well if needed
screen replaced

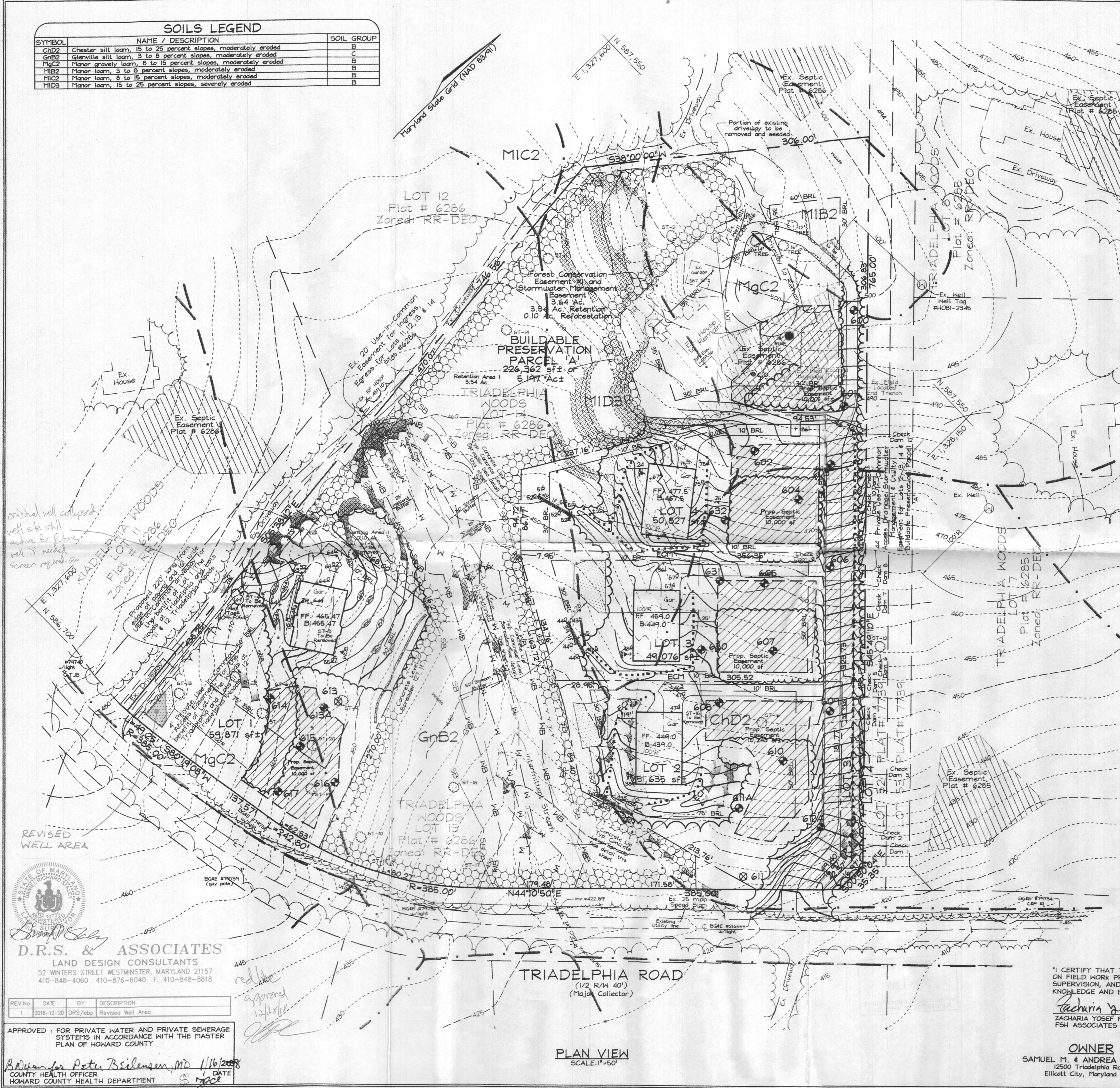
REVISED WELL AREA

REV. NO.	DATE	BY	DESCRIPTION
1	2018-12-20	DRS/ebp	Revised Well Area

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Approved
1/10/2008
DATE

COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT



PLAN VIEW
SCALE: 1"=50'

"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 MY KNOWLEDGE AND BELIEF."

Zacharia Yosef Fisch
ZACHARIA YOSEF FISCH, P.E. #22418
FSH ASSOCIATES

1/3/2008
DATE

OWNER
SAMUEL M. & ANDREA ROZOLEM
12500 Triadelphia Road
Elliott City, Maryland 21042

DEVELOPER
TRIDELPHIA ESTATES, LLC
666 Luster Drive
Highland, Maryland 20777
(410) 761-6782

AMENDED PERCOLATION CERTIFICATION PLAN
THE WOODS AT TRIADDELPHIA
LOTS 1-4 & BUILDABLE PRESERVATION PARCEL 'A'
(A RESUBDIVISION OF LOTS 13 & 14)
TRIADDELPHIA WOODS PLATS # 6286
523796

TAX MAP 22 GRIDS 5 & 6
3RD ELECTION DISTRICT

PARCEL 528
HOWARD COUNTY, MARYLAND

DESIGN BY: ZYF
DRAWN BY: HK
CHECKED BY: ZYF
SCALE: As Shown
DATE: Jan. 3, 2008
H.O. No.: 3383
SHEET No.: 1 OF 1

FSH Associates
Engineers Planners Surveyors
6339 Howard Lane Elkridge, MD 21075
Tel: 410-567-5230 Fax: 410-796-1562
E-mail: info@fisher.com

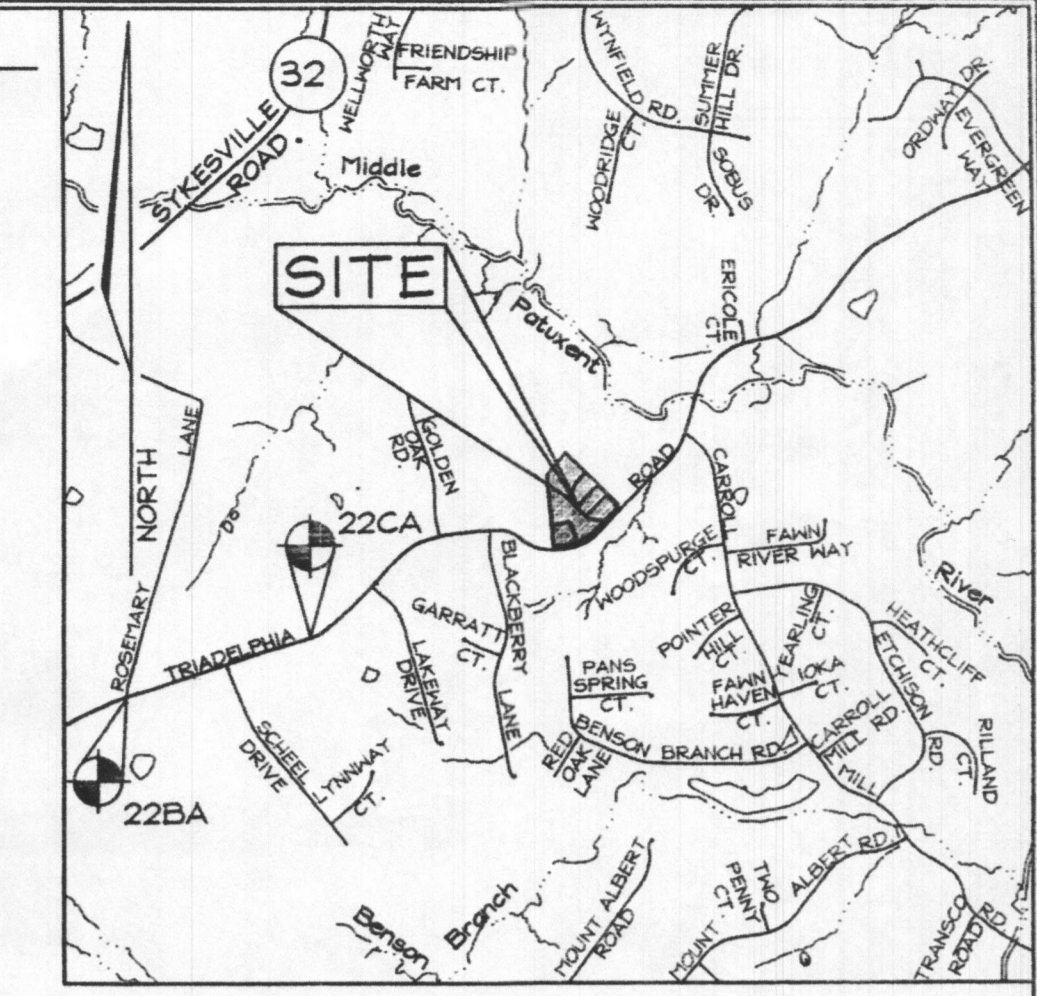
Zacharia Yosef Fisch

Signed 1/10/08

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChE2	Chester silt loam, 15 to 25 percent slopes, moderately eroded	B
GrB2	Glenville silt loam, 3 to 6 percent slopes, moderately eroded	C
MgC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
MIB2	Manor loam, 3 to 6 percent slopes, moderately eroded	B
MIC2	Manor loam, 6 to 15 percent slopes, moderately eroded	B
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B

LEGEND

- Existing Contour
- Existing Spot Elevation
- Existing Trees to Remain
- Existing Septic Easement
- Proposed Septic Easement
- Proposed Well Area
- Moderate Slope
- Steep slope
- Proposed House
- Existing Perc Test (Passed)
- Existing Perc Test (Failed)
- Existing Stream Buffer
- Existing Wetland Buffer
- Existing Wetlands
- Existing Septic Clean Out
- Existing Well
- Proposed Well
- Proposed Level Spreader
- Proposed Access Easement



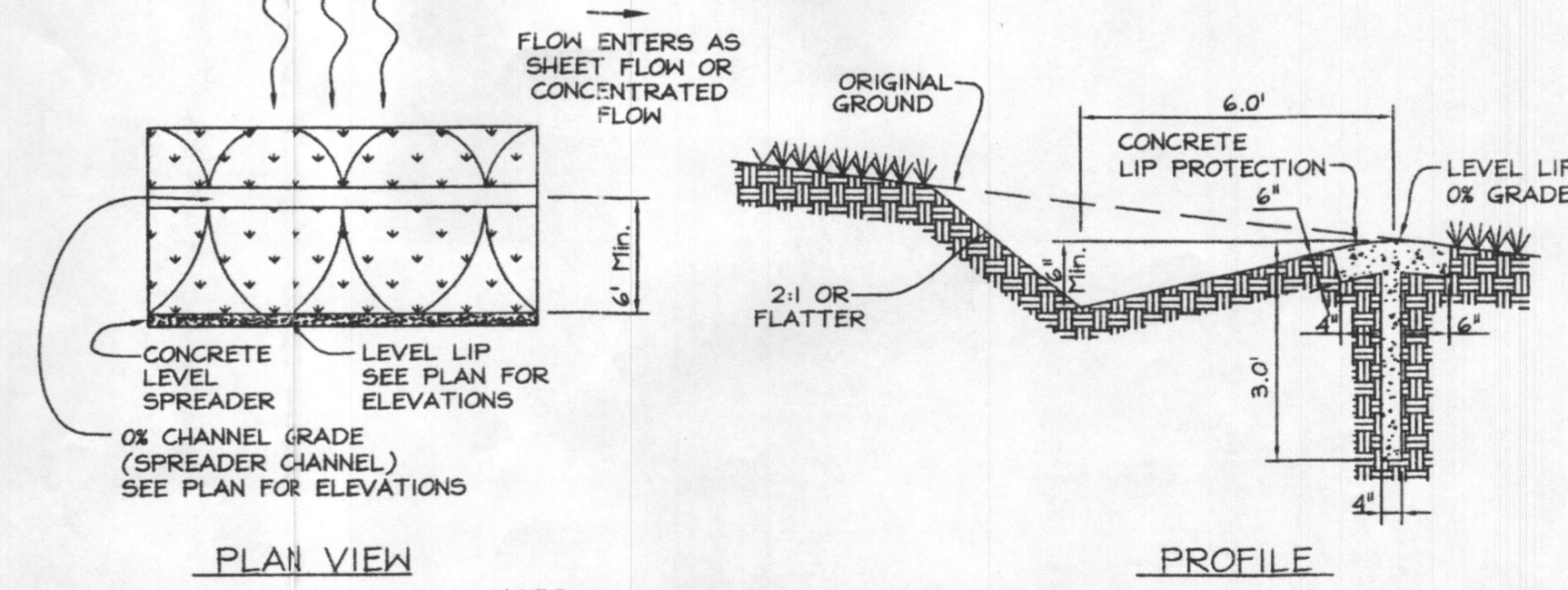
VICINITY MAP
SCALE: 1"=200'

GENERAL NOTES

1. Subject property zoned RR-DEO per 02/02/04 Comprehensive Zoning Plan.
2. Total area of property = 10.050 ac.±
3. Private water and Private sewer will be used within this site.
4. This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewerage is available. 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.
5. All wells and septic fields within 100' of property's boundary have been shown.
6. Existing Topography on site is based on field run survey by FSH Associates on or about December, 2005.
7. All wells to be drilled prior to submittal of record plat for signature. 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.
8. Number of proposed lots: 4
9. Number of Buildable Preservation Parcels: 1
10. Deed History:
 - Parcel 52b: December 2006-present: Samuel M. and Andrea Rozolem
 - March 2006-December 2006: Triadelphia Estates, LLC
 - 1985-March 2006: Terje and Lorraine Gulbrandsen
 - 1983-1985: Terje and Lorraine Gulbrandsen and Deborah Patterson Hasty
 - 1916-1983: Charles and Mary C. Carroll
11. The lots shown herein comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
12. References: Plat #6285
13. All existing structures and site improvements to remain unless otherwise noted.
14. Lot restrictions:
 - Lot 2 = 4 Bedroom Maximum
 - Lot 3 = 5 Bedroom Maximum
 - Lot 4 = 5 Bedroom Maximum
15. Any stormwater management uses within the "Private Use-in-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3 & 4" other than for purpose of non-rooftop disconnect, will not comply with 25' setback required by the Howard County Health Department.
16. Any stormwater management uses within the "Private Use-in-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3, & 4" other than for purposes of non-rooftop disconnect, will not comply with the 25' setback required by the Howard County Health Department.

PERC. CHART

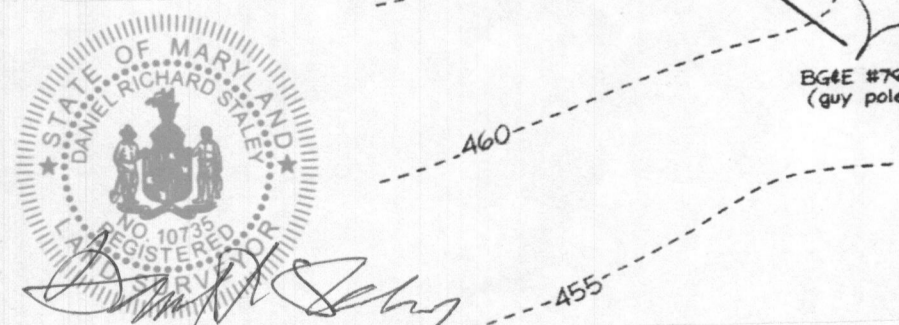
Number	Elevation
600	493.11
601	490.16
602	480.92
603	479.84
604	474.38
605	461.40
606	454.66
607	454.12
608	448.42
609	449.07
610	443.59
611	436.62
611A	436.18
612A	432.94
613A	454.39
614	463.48
615	457.30
616	452.60
617	457.11
630	451.74
631	459.89
632	468.87



TYPICAL CONCRETE LEVEL SPREADER
NOTE: See plan for level spreader lengths.
NOT TO SCALE

original well collapsed
well site still
active for future
well if needed
screen required

REVISED
WELL AREA



D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-848-8818

REV. No.	DATE	BY	DESCRIPTION
1	2018-12-20	DRS/ebp	Revised Well Area

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Richard Peter Bilsen, MD 1/16/2008
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

TRIADELPHIA ROAD
(1/2 R/W 40')
(Major Collector)

PLAN VIEW
SCALE: 1"=50'

"I CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF."
Zacharia Yosef Fisch
ZACHARIA YOSEF FISCH, P.E. #22418
FSH ASSOCIATES
1/3/2008
DATE

OWNER
SAMUEL M. & ANDREA ROZOLEM
12500 Triadelphia Road
Ellicott City, Maryland 21042

DEVELOPER
TRIDELPHIA ESTATES, LLC
666 Luster Drive
Highland, Maryland 20777
(10) 781-6782

AMENDED PERCOLATION CERTIFICATION PLAN
THE WOODS AT TRIADELPHIA
LOTS 1-4 & BUILDABLE PRESERVATION PARCEL 'A'
(A RESUBDIVISION OF LOTS 13 & 14)
TRIADELPHIA WOODS PLAT # 6286
A# 523796
TAX MAP 22 GRIDS 5 & 6
3RD ELECTION DISTRICT
PARCEL 52b
HOWARD COUNTY, MARYLAND

FSH Associates
Engineers Planners Surveyors
8338 Howard Lane Ellicott City, MD 21075
Tel: 410-567-5200 Fax: 410-796-1562
E-mail: info@fshtn.com

DESIGN BY: ZYF
DRAWN BY: HK
CHECKED BY: ZYF
SCALE: As Shown
DATE: Jan. 3, 2008
I.C. No.: 3383
SHEET No.: 1 OF 1

Signed 1/16/08