

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

EX. HOUSE
NO EX. RECORDS

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

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 8

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____
(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

#1 + 2 possible old test holes

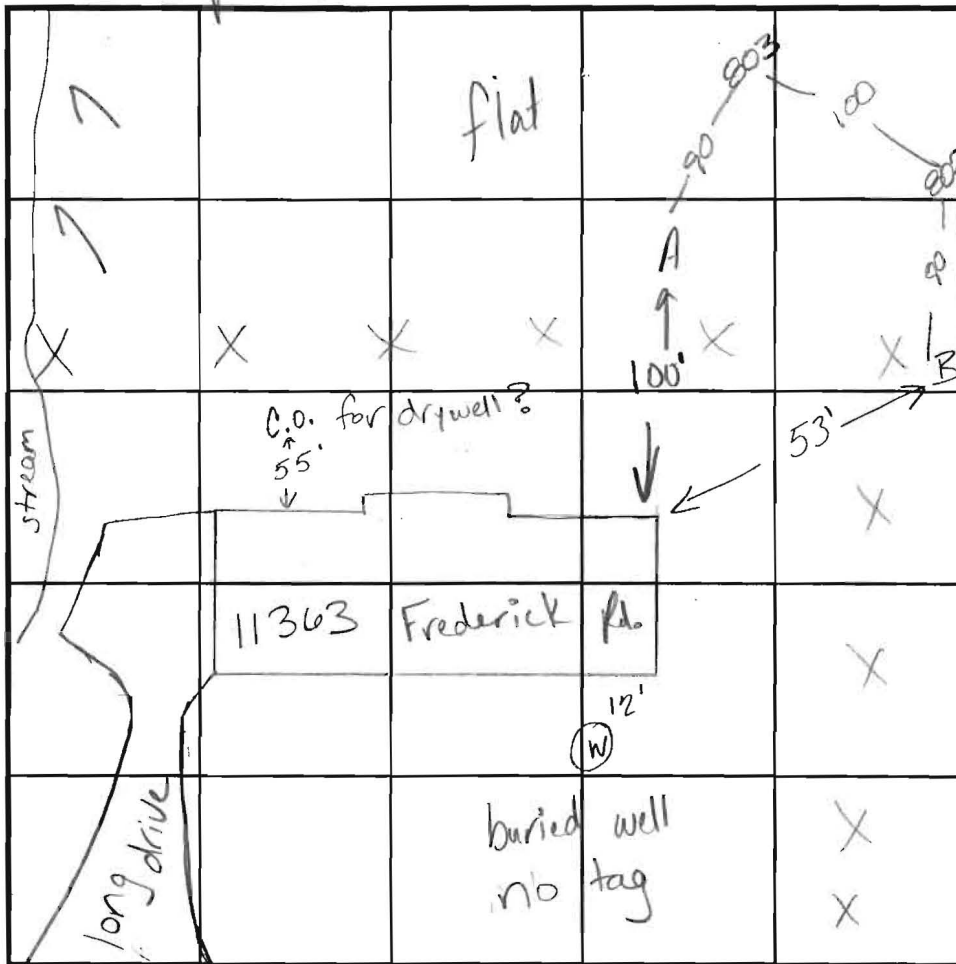
COUNTY #

SOIL PROFILE

0'
A
orange clay
1m
2.5'
or/br
Si 1m
mica
15%
shale
frags

11'
B
Same
as
test
hole
A

120
803
orange
brown
Si 1m
3.0'
orange
brown
Si 1m
100%
shale



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	
8-26-98	A	11.0'D	visual	ok	-see	profile	
	B	11.0'D	visual	ok	-see	profile	
11-8-99	802	Refusal @ 5.0			Insufficient depth to bedrock		F
	803	See profile					OK

REMARKS _____

TYPE OF SOIL _____

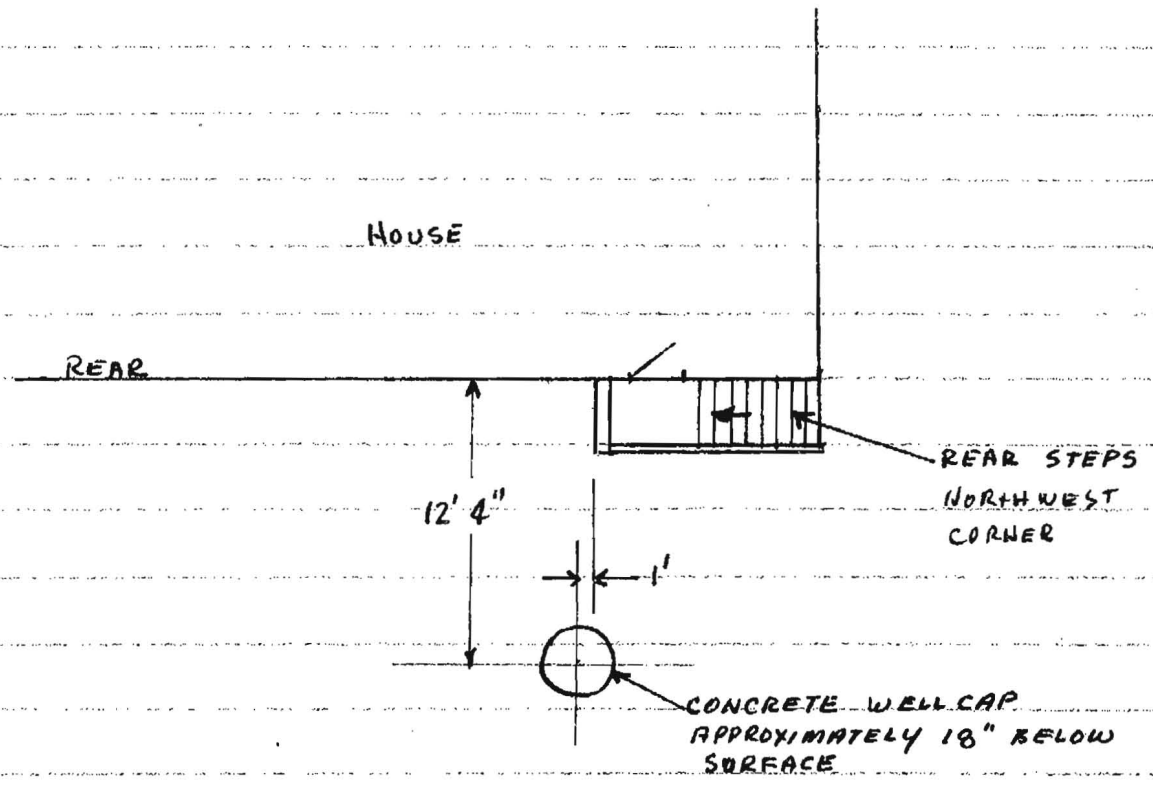
TESTED BY Kim Maite ALSO PRESENT Chuck Zapp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

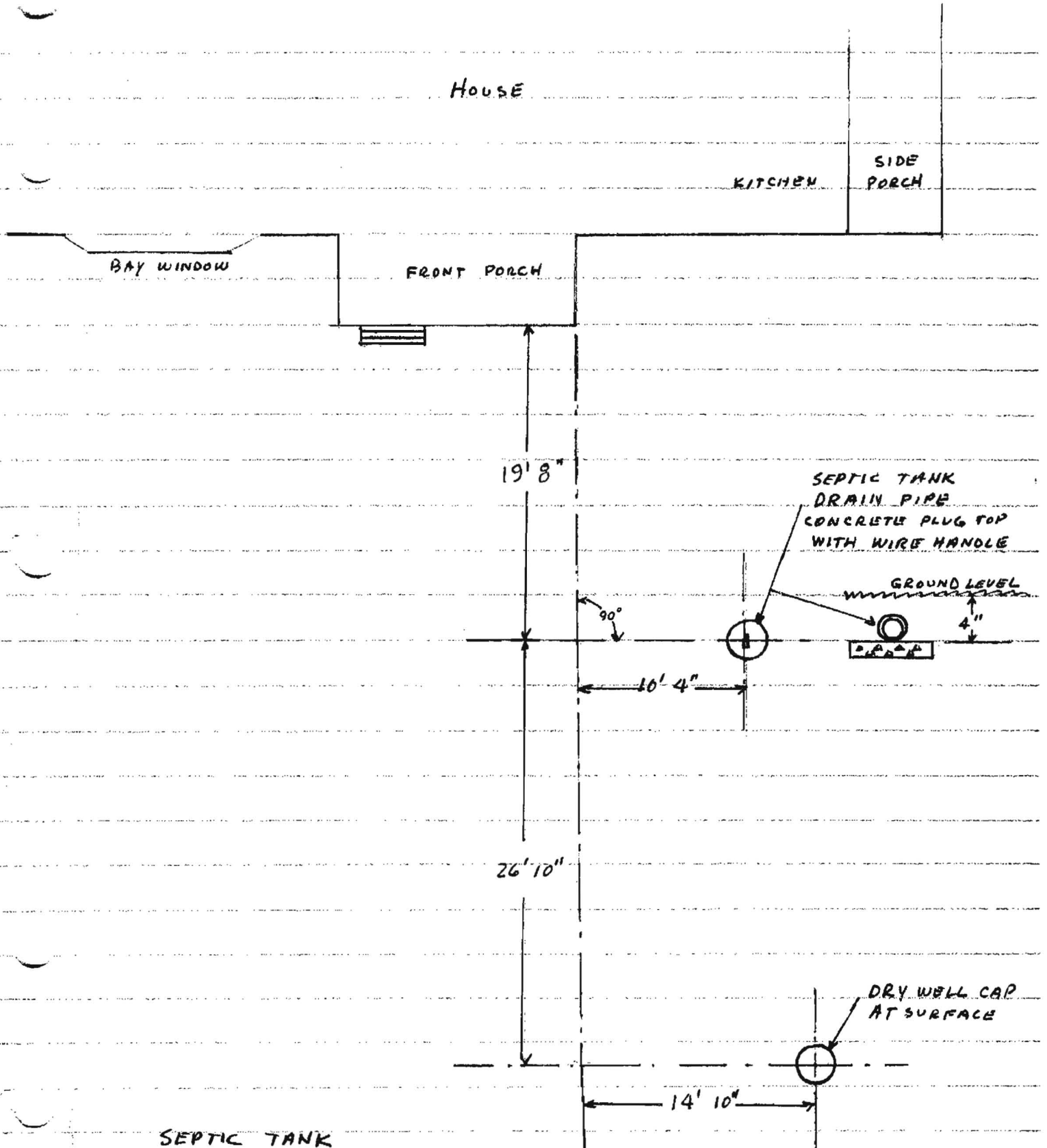
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

11363 FREDERICK ROAD

WELL LOCATION



11363 FREDERICK RD

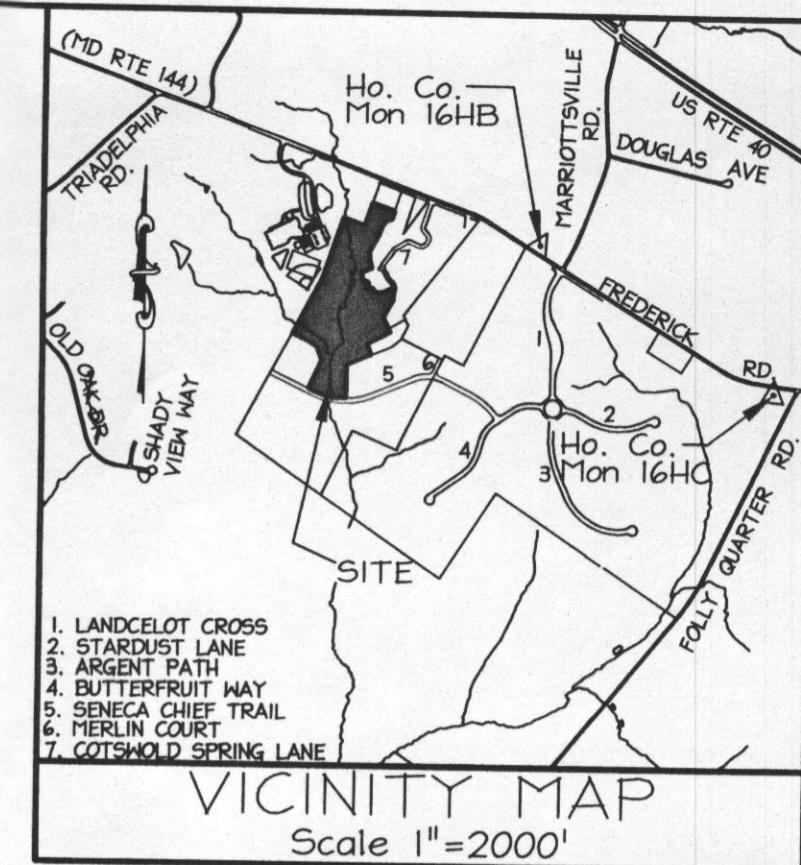


SEPTIC TANK
DRAIN PIPE LOCATION
1000 GALLON SEPTIC TANK

COORDINATE TABLE					
POINT	NORTHING	EASTING	POINT	NORTHING	EASTING
1	591553.6970	1337639.0505	28	590726.6379	1337854.7503
2	591476.8322	1337872.7194	29	590794.7338	1337793.3294
3	591388.2072	1337843.9595	30	590836.2327	1337777.0574
4	591367.5739	1337778.9911	31	590862.9809	1337757.7304
5	591308.8500	1337738.0499	32	590860.5440	1337768.4570
6	591228.2132	1337708.2703	33	590866.6919	1337769.8537
7	591050.9755	1337612.6675	34	590842.0285	1337787.6743
8	590890.1231	1337615.2263	35	590801.1486	1337803.7036
9	589643.4044	1337638.2557	36	590732.6580	1337865.4806
10	590849.2717	1337543.5792	37	590691.1712	1337877.8000
11	590808.4203	1337530.7851	38	590627.9776	1337867.7615
12	590758.0051	1337546.5745	39	590558.7885	1337862.9694
13	590761.9182	1337574.7512	40	590558.7885	1337001.8601
14	590721.7367	1337606.5727	162	589560.7074	1337383.9061
15	590686.4936	1337572.8684	163	589903.6793	1337384.9679
16	590660.9536	1337584.2444	180	590216.9586	1336814.5451
17	590686.7178	1337620.9656	181	590139.6430	1336981.4370
18	590689.3623	1337634.4160	182	590084.5941	1337064.2787
19	590684.2324	1337645.5026	183	589944.7825	1337123.4164
20	590672.0052	1337655.8345	184	589657.8412	1336987.4733
21	590664.3907	1337655.6924	185	589630.5058	1337046.1781
22	590650.1211	1337674.0793	187	590765.6493	1337115.2151
23	590642.1972	1337696.3150	190	590388.0481	1337761.4374
24	590646.2145	1337736.6809	194	591402.0732	1337339.0783
25	590657.5104	1337786.9850	195	591324.6067	1337558.3528
26	590674.4277	1337816.5608	1547	590007.7211	1337640.0978
27	590695.4492	1337864.0118	1548	590119.3785	1337594.5642
			1549	590240.1379	1337835.5546

LEGEND

- W-W Existing Wetlands
- WB-WB Existing 25' Wetland Buffer
- S-S Existing Stream
- SB-SB Existing 75' Stream Buffer
- SB-SB Existing 100 Year Floodplain
- [Pattern] Existing Forest Conservation Easement
- [Pattern] Forest Conservation Easement Reforestation Area
- [Pattern] Existing Septic Easement



The requirements § 3-10B, The Real Property Article, Annotated Code of Maryland, 1988 replacement volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

D. Wayne Keller 2/10/06
D. Wayne Keller, MD No. 10685 Date

Nicholas F. Liparini 2-10-06
Nicholas F. Liparini Date

Cynthia Y. Liparini Date

MINIUM LOT SIZE TABULATION

LOT NO.	GROSS AREA	PIPESTEM	MINIMUM LOT SIZE
Pres. Par. "C"	23.6383 Ac.±	0.0559 Ac.±	23.5824 Ac.±

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CORD BEARING & DIST.
CI	347.98	750.00	26°35'01"	177.18	N78°19'23"W 344.87

The purpose of the plat is to establish off-site Forest Conservation Easements for ELKRIDGE CROSSING SDP# 04-017.

AREA TABULATIONS

- Total number of lots and/or parcels to be recorded: 1
 - Buildable: 0
 - Non-Buildable: 0
 - Open Space: 0
 - Preservation Parcels: 1
- Total area of lots to be recorded: 23.6383 Ac.±
 - Buildable: 0
 - Non-Buildable: 0
 - Open Space: 0
 - Preservation Parcels: 23.6383 Ac.±
- Total area of road right-of-way to be recorded: 0
- Total area of subdivision to be recorded: 23.6383 Ac.±

APPROVED: For Private Water and Private Sewerage Systems
Howard County Health Department.

Howard County Health Officer *KJB* Date

APPROVED: Howard County Department of Planning and Zoning.

Director Date

Chief, Development Engineering Division Date

Developer reserves unto itself, its successors and assigns, the forest conservation easement located in, over and through Buildable Preservation Parcel C, or portions thereof, and shown on this plat as the Forest Conservation Area. Any and all conveyances of aforesaid lots shall be subject to the easements herein reserved, whether or not expressly stated in the deed(s) conveying said preservation parcel. Developer shall execute and deliver a Deed of Forest Conservation Easement to Howard County with a metes and bounds description of the Forest Conservation Area. Upon completion of the Developer's obligation under the Forest Conservation Installation and Maintenance Agreement executed by the Developer and the County, and the release of the Developer's surety posted with said Agreement, the County shall accept the easements and record the Deed of Forest Conservation Easement in the Land Records of Howard County.

OWNER:

Parcels 441
Nicholas F. Liparini & Cynthia Y. Liparini
11363 Cotswold Spring Farm Lane
Ellicott City, MD 21042

DEVELOPER:

BRANTWOOD, L.L.C.
8835 P - Columbia
100 Parkway
Columbia, Md. 21045

SURVEYOR'S CERTIFICATE

I hereby certify that the Final Plat shown and described hereon is correct; that it is a subdivision of all the lands conveyed by Richard B. Talkin, Trustee to Nicholas F. Liparini & Cynthia Y. Liparini by deed dated the 1st of October, 2001 and recorded among the Land Records of Howard County, Maryland in Liber 5747 at Folio 0018, all recordings being among the Land Records of Howard County, Maryland, as shown, in accordance with the Howard County Subdivision Regulations. All recordings being among the Land Records of Howard County, Maryland.



D. Wayne Keller
D. Wayne Keller
Professional Land Surveyor
Maryland Reg. #10685

2/10/06
Date

OWNER'S CERTIFICATE

We, Nicholas F. Liparini & Cynthia Y. Liparini, owners of the property shown and described hereon, 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:

- 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 said easements and rights-of-ways.

Witness by my hand this 10th day of Feb., 2006.

Nicholas F. Liparini
Nicholas F. Liparini

Cynthia Y. Liparini

Jennifer Bradley
Witness

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

PLAT OF REVISION
BRANTWOOD
SECTION THREE-AREA ONE
BUILDABLE PRESERVATION PARCEL "C"

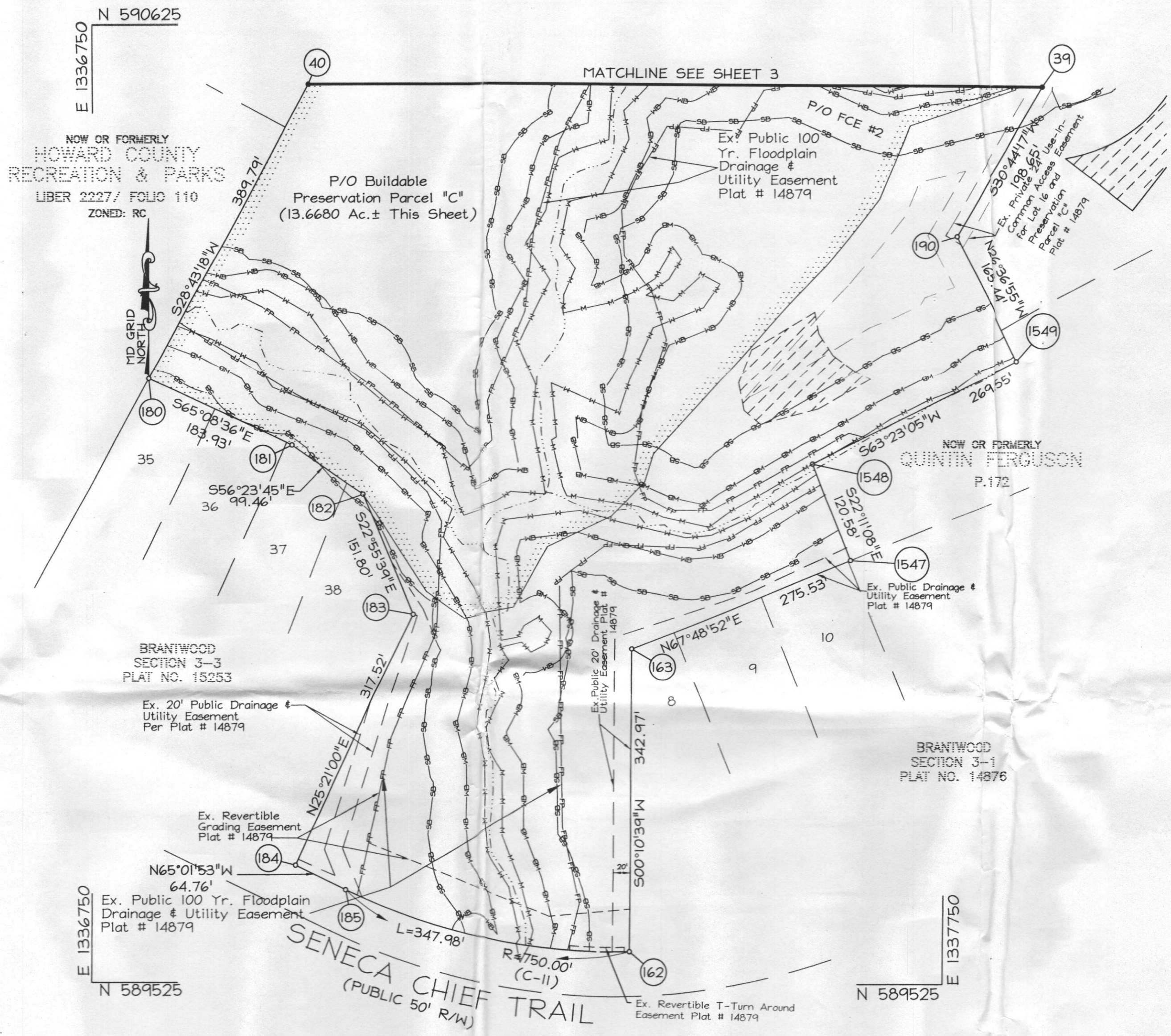
A Revision of part of Brantwood - Section Three, Area One Preservation Parcel "C" Plat No.'s 14875-14881

Tax Map No. 16 - P/O Parcel 441
3rd Election District - Howard County, Maryland Scale: 1"=100'
Date: FEBRUARY, 2006

Previous Submittals: WP 90-96, F 90-128,
WP 99-55, S 99-09, WP 00-55, P 00-03, F01-67

LDE Inc.

Engineers, Surveyors, Planners
9250 Runsey Road, Suite 106 Columbia, Maryland - 21045
(410)715-1070 - (301)596-3424 - FAX(410)715-9540



LEGEND

- W—W— Existing Wetlands
- WB—WB— Existing 25' Wetland Buffer
- S—S— Existing Stream
- SB—SB— Existing 75' Stream Buffer
- FP—FP— Existing 100 Year Floodplain
- [Stippled Box] Existing Forest Conservation Easement
- [Cross-hatched Box] Forest Conservation Easement Reforestation Area
- [Diagonal Lines Box] Existing Septic Easement

AREA TABULATIONS

1. Total number of lots and/or parcels to be recorded:
 - a) Buildable: 0
 - b) Non-Buildable: 0
 - c) Open Space: 0
 - d) Preservation Parcels: 1
2. Total area of lots to be recorded: 13.6680 Ac.±
 - a) Buildable: 0
 - b) Non-Buildable: 0
 - c) Open Space: 0
 - d) Preservation Parcels: 13.6680 Ac.±
3. Total area of road right-of-way to be recorded: 0
4. Total area of subdivision to be recorded: 13.6680 Ac.±

APPROVED: For Private Water and Private Sewerage Systems
Howard County Health Department.

Howard County Health Officer: KJB Date _____

APPROVED: Howard County Department of Planning and Zoning.

Director _____ Date _____

Chief, Development Engineering Division _____ Date _____

SURVEYOR'S CERTIFICATE

I hereby certify that the Final Plat shown and described hereon is correct; that it is a subdivision of all the lands conveyed by Richard B. Talkin, Trustee to Nicholas F. Liparini & Cynthia Y. Liparini by deed dated the 1st of October, 2001 and recorded among the Land Records of Howard County, Maryland in Liber 5747 at Folio 0018, all recordings being among the Land Records of Howard County, Maryland, as shown, in accordance with the Howard County Subdivision Regulations. All recordings being among the Land Records of Howard County, Maryland.



D. Wayne Keller
D. Wayne Keller
Professional Land Surveyor
Maryland Reg. #10685
Date 2/11/06

OWNER'S CERTIFICATE

We, Nicholas F. Liparini & Cynthia Y. Liparini, owners of the property shown and described hereon, 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 roads and street right-of-ways and the specific easement areas shown hereon;
- (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 waterways 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 the said easements and rights-of-ways.

Witness by my hand this 10th day of Feb, 2006.

Nicholas F. Liparini
Nicholas F. Liparini

Cynthia Y. Liparini

Jennifer Bradley
Witness

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

**PLAT OF REVISION
BRANTWOOD
SECTION THREE-AREA ONE
BUILDABLE PRESERVATION PARCEL "C"**

A Revision of part of Brantwood - Section Three, Area One Preservation Parcel "C" Plat No.'s 14875-14881

Tax Map No. 16 - P/O Parcel 441
3rd Election District - Howard County, Maryland Scale: 1"=100'
Date: FEBRUARY, 2006

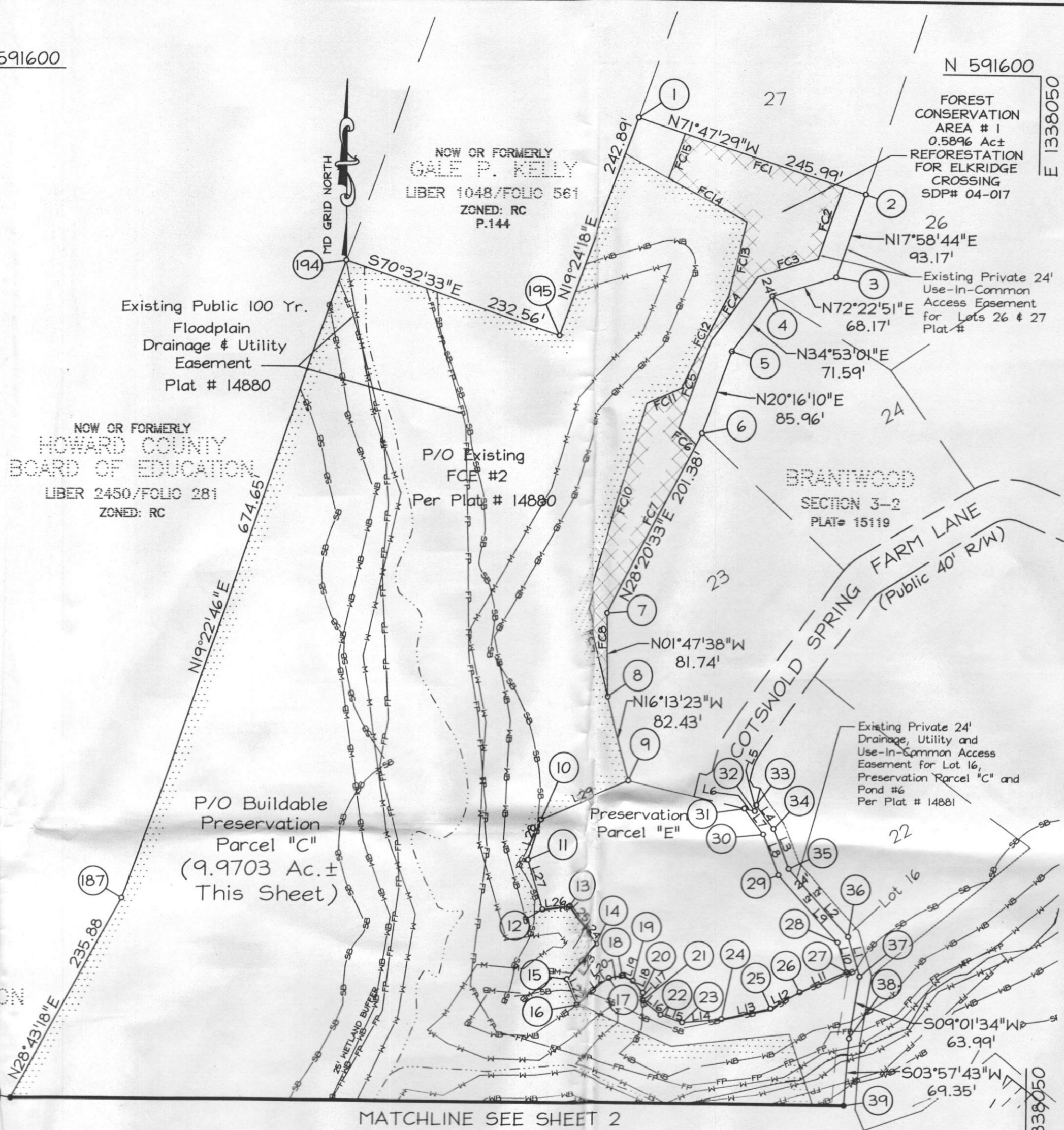
Previous Submittals: WP 90-96, F 90-128,
WP 99-55, S 99-09, WP 00-55, P 00-03, F01-67

LDE Inc.

Engineers, Surveyors, Planners
9250 Ramsey Road, Suite 106 Columbia, Maryland - 21045
(410)715-1070 - (301)596-3424 - FAX(410)715-9540

E 1336950
N 591600

N 591600
E 1338050



LINE	BEARING	DISTANCE
L1	S16°32'19"E	43.28'
L2	S42°02'59"E	92.24'
L3	S21°24'38"E	43.91'
L4	S35°51'00"E	30.43'
L5	N12°47'57"E	6.3'
L6	N77°12'03"W	11.0'
L7	S35°51'00"E	33.0'
L8	S21°24'38"E	44.58'
L9	S42°02'59"E	91.70'
L10	S16°32'19"E	32.53'
L11	N66°06'21"E	51.90'
L12	N60°13'50"E	34.07'
L13	N77°20'39"E	51.56'
L14	N84°18'59"E	40.57'
L15	S70°23'10"E	23.61'
L16	S52°11'09"E	23.27'
L17	S01°04'10"W	7.62'
L18	S40°11'51"E	16.01'
L19	S45°10'12"E	12.22'
L20	N78°52'37"E	13.71'
L21	N54°56'45"E	44.86'
L22	S24°00'33"E	27.96'
L23	S43°43'17"W	48.77'
L24	N38°22'38"W	25.30'
L25	N38°22'38"W	25.95'
L26	S87°05'37"W	28.45'
L27	N17°23'24"W	52.83'
L28	N17°23'24"E	42.81'
L29	N66°39'38"E	103.11'

LINE	BEARING	DISTANCE
FC1	S71°47'29"E	171.62'
FC2	S17°58'44"W	80.94'
FC3	S82°22'51"W	63.98'
FC4	S34°53'01"W	82.81'
FC5	S20°16'10"W	92.41'
FC6	S48°02'18"E	23.96'
FC7	S28°20'33"W	184.03'
FC8	S01°47'38"E	90.00'
FC9	N16°13'33"W	210.00'
FC10	N16°54'32"E	38.73'
FC11	N66°42'53"E	107.30'
FC12	N26°17'27"E	79.07'
FC13	N12°38'38"E	93.03'
FC14	N60°40'15"W	49.89'
FC15	N19°13'33"E	49.89'

LEGEND

- W—W— Existing Wetlands
- WB—WB— Existing 25' Wetland Buffer
- — — Existing Stream
- SB—SB— Existing 75' Stream Buffer
- FP—FP— Existing 100 Year Floodplain
- [Pattern] Existing Forest Conservation Easement
- [Pattern] Forest Conservation Easement - Reforestation Area
- [Pattern] Existing Septic Easement

AREA TABULATIONS

- Total number of lots and/or parcels to be recorded: 1
 - Buildable: 0
 - Non-Buildable: 0
 - Open Space: 0
 - Preservation Parcels: 1
- Total area of lots to be recorded: 9.9703 Ac.±
 - Buildable: 0
 - Non-Buildable: 0
 - Open Space: 0
 - Preservation Parcels: 9.9703 Ac.±
- Total area of road right-of-way to be recorded: 0
- Total area of subdivision to be recorded: 9.9703 Ac.±

APPROVED: For Private Water and Private Sewerage Systems
Howard County Health Department.

Howard County Health Officer KSB Date _____

APPROVED: Howard County Department of Planning and Zoning.

Director _____ Date _____

Chief, Development Engineering Division _____ Date _____

SURVEYOR'S CERTIFICATE

I hereby certify that the Final Plat shown and described hereon is correct; that it is a subdivision of all the lands conveyed by Richard B. Talkin, Trustee to Nicholas F. Liparini & Cynthia Y. Liparini by deed dated the 1st of October, 2001 and recorded among the Land Records of Howard County, Maryland in Liber 5747 at Folio 0018, all recordings being among the Land Records of Howard County, Maryland, as shown, in accordance with the Howard County Subdivision Regulations. All recordings being among the Land Records of Howard County, Maryland.

D. Wayne Weller
D. Wayne Weller
Professional Land Surveyor
Maryland Reg. #10685
2/10/06
Date

OWNER'S CERTIFICATE

We, Nicholas F. Liparini & Cynthia Y. Liparini, owners of the property shown and described hereon, 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:

- 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 said easements and rights-of-ways.

Witness by my hand this 10th day of Feb, 2006.

Nicholas F. Liparini
Nicholas F. Liparini
Cynthia Y. Liparini
Cynthia Y. Liparini
Jennifer Bradley
Witness

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

PLAT OF REVISION
BRANTWOOD
SECTION THREE-AREA ONE
BUILDABLE PRESERVATION PARCEL "C"

A Revision of part of Brantwood - Section Three, Area One Preservation Parcel "C" Plat No.'s 14875-14881

Tax Map No. 16 - P/O Parcel 441
3rd Election District - Howard County, Maryland Scale: 1"=100'
Date: FEBRUARY, 2006

Previous Submittals: WP 90-96, F 90-128,
WP 99-55, S 99-09, WP 00-55, P 00-03, F01-67

LDE Inc.

Engineers, Surveyors, Planners
9250 Rumsey Road, Suite 106 Columbia, Maryland - 21045
(410)715-1070 - (301)596-3424 - FAX(410)715-9540

F:\98-040-21\dwg\98-040-21 PARCEL C BW 3-15HT3.dwg, SHEET 3, 2/9/2006 4:33:50 PM