

APPLICATION

PERCOLATION TESTING

A 513 237-S

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE January 18, 2000

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 D. CAROL FANTA

ADDRESS 3117 HEARTHSTONE RD, ELLICOTT CITY, MD 21042 PHONE 410-465-5747

AGENT OR PROSPECTIVE BUYER DAVID A. CARNEY, Attorney for owner(s)

ADDRESS 10715 CHARTER RD, COLUMBIA, MD 21044 PHONE 410-740-4600

PROPERTY LOCATION:

SUBDIVISION INGLEHART PROPERTY LOT NO. _____

ROAD AND DESCRIPTION EAST SIDE OF HALL SHOP ROAD AND 800'± SOUTH OF THE INTERSECTION OF HALL SHOP ROAD AND REDBERRY ROAD

TAX MAP 41 PARCEL # 138 GRID 1

SIZE OF LOT 40,000 ± TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

(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

INLET DEPTH	MAXIMUM BOTTOM DEPTH	SQ. FT./BEDROOM
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

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(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

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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'

top soil

org red
brn
cl lmdiz org
brn
sa cl lm
w mica
sapr sh7'8" seepage/
cave in

10'8" water

0' 1020

top soil

org brn
cl lm

3.5' seepage

4' water

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	
5-3-00	1040	7'8" D	water	seepage			FAIL
	1020	3.5' D	water	seepage			FAIL

REMARKS

holes tested as stated

TYPE OF SOIL

TESTED BY

JCS

ALSO PRESENT

M. Johnson, S. Ellis

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

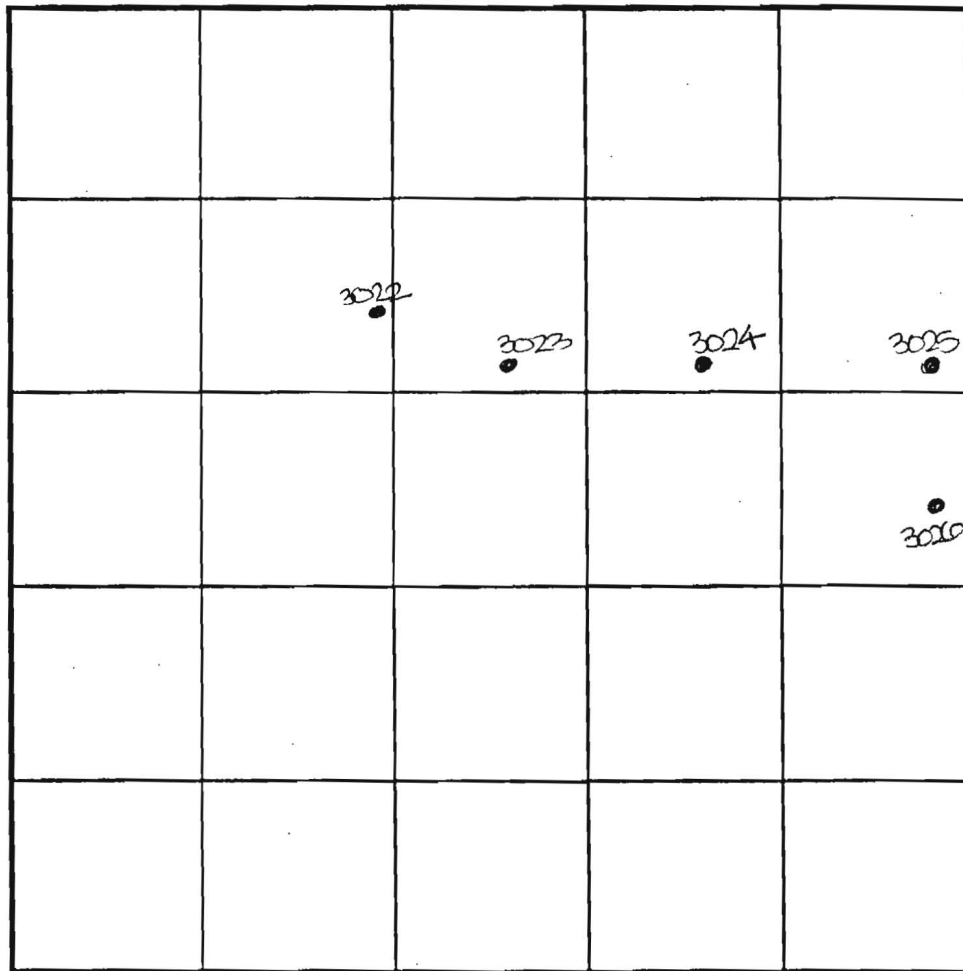
COUNTY #

SOIL PROFILE

0' 3022
topsoil
red
org btm
cl m
4.5'
5'
med
ag btm
si mica
lm
15% rock
13' 0"

0' 3023
topsoil
red btm
cl m
4.5'
+
org btm
si mica
lm
15-20% sh
14.5'

0' 3024
topsoil
org btm
cl m
5' 4" seepage
org btm
si mica
lm
9' water



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hall Shop Road

SOIL PROFILE

0' 3026
topsoil
br
org btm
cl m
4'
org btm
si mica
lm
20% sh
14' seepage after 1 hr
12' 6" water

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-25-01	3022	5.0' S	1:20	1:21.3	1:21.3	1:24	3
		13' 8" D	Visual	- see	profile		OK
	3023	5.5' S	1:37	1:39	1:39	1:45	6
		14.5' D	Visual	- see	profile		OK
	3024	9.0' D	Water	(seepage 5' 4")			FAIL
	3025	7' 6" D	Water	(seepage 5' 6")			FAIL
	3026	12' 6" D	Water	(seepage 10' 4")			FAIL
DUE TO DROUGHT CONDITIONS							
*ADDITIONAL BUFFER (4 FEET) APPLIED IN ADDITION TO STATE							
MINIMUM (4 FEET) - THEREFORE NEED 8 FEET FROM OBSERVED							
GROUNDWATER TO BOTTOM OF PROPOSED SEPTIC SYSTEM							

REMARKS: holes tested as stated

TYPE OF SOIL

TESTED BY DKC ALSO PRESENT M. Johnson & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

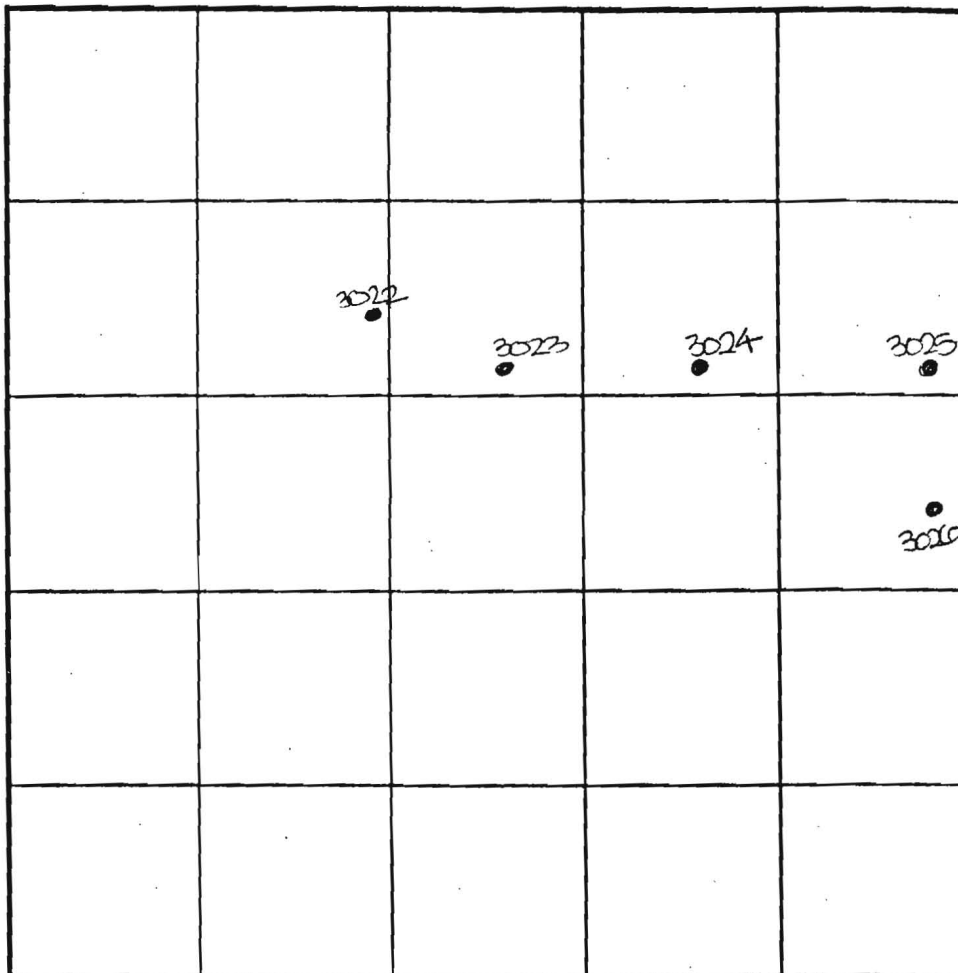
COUNTY #

SOIL PROFILE

0' 3022
topsoil
red
arg bn
cl lm
4.5'
5'
med
arg bn
si mica
lm
15% rock
13'8"

0' 3023
topsoil
red bn
cl lm
4.5'
+
arg bn
si mica
lm
15-20%
sh
14.5'

0' 3024
topsoil
arg bn
cl lm
3.4"
seepage
arg bn
si mica
lm
9' water



SOIL PROFILE

0' 3026
topsoil
br
arg bn
cl lm
4'
arg bn
si mica
lm
20% sh
10.4"
seepage
after 1 hr
12.6"
water

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hall Shop Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5-25-01	3022	5.0' S	1:20	1:21.3	1:21.3	1:24	3
		13'8" D	Visual	- see	profile		OK
	3023	5.5' S	1:37	1:39	1:39	1:45	6
		14.5' D	Visual	- see	profile		OK
	3024	9.0' D	Water	(seepage 5'4")			FAIL
	3025	7'6" D	Water	(seepage 5'6")			FAIL
	3026	12'6" D	Water	(seepage 10'4")			FAIL
DUE TO DROUGHT CONDITIONS *ADDITIONAL BUFFER (4 FEET) APPLIED IN ADDITION TO STATE MINIMUM (4 FEET) - THEREFORE NEED 8 FEET FROM OBSERVED GROUNDWATER TO BOTTOM OF PROPOSED SEPTIC SYSTEMS							

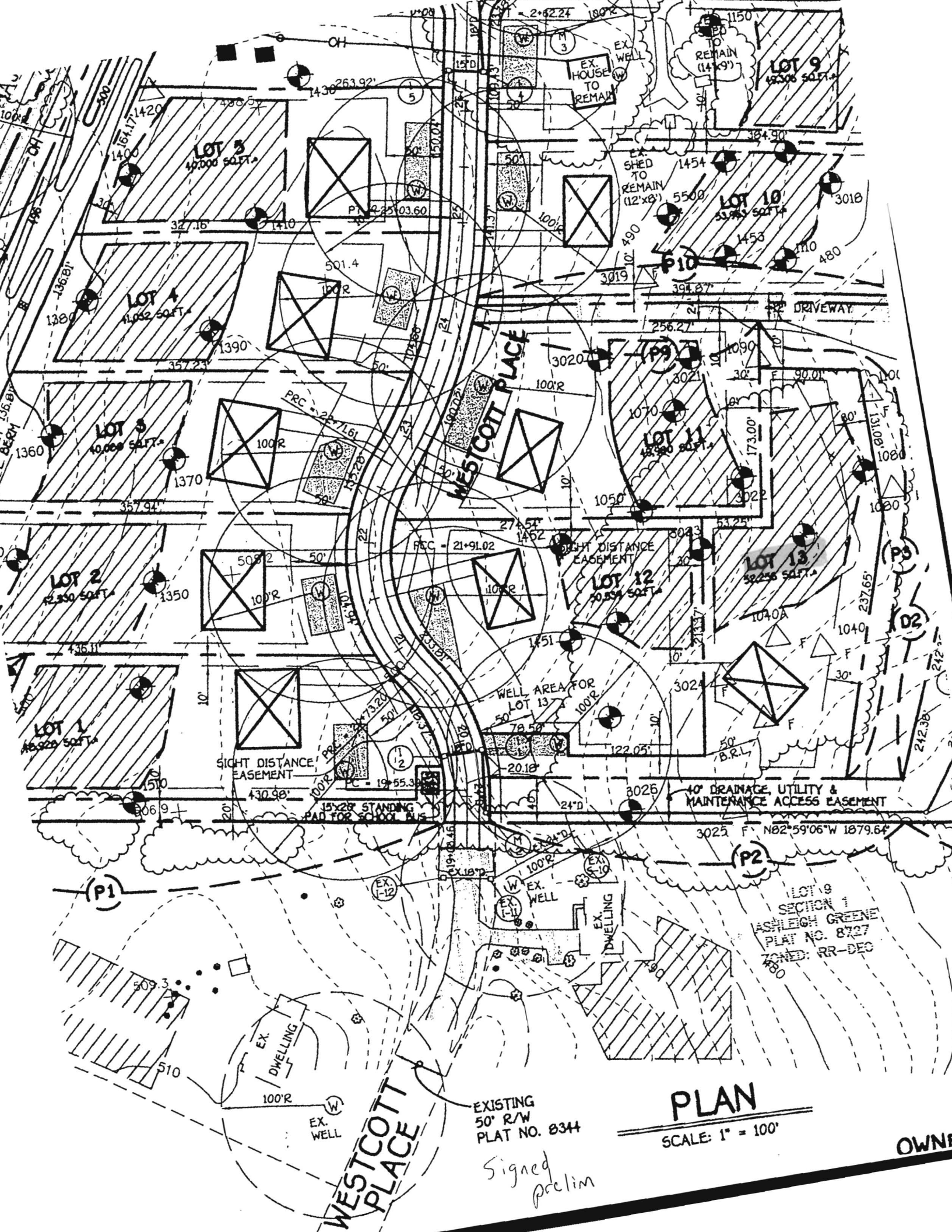
REMARKS holes tested as stated

TYPE OF SOIL

TESTED BY DKC ALSO PRESENT M. Johnson & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM



U.S. Equivalent Coordinate Table			Metric Coordinate Table		
Pnt	North	East	Pnt	North	East
17	551357.390002	1333306.272655	17	168054.070288	406392.568819
54	551980.510910	1333242.875508	54	168237.901910	406373.245329
55	551919.756003	1333489.510941	55	168225.479790	406448.419981
66	552007.634729	1332896.062378	66	168252.265279	406267.536476
519	552041.363433	1332190.842871	519	168262.545809	406052.524178
520	551814.781400	1332095.458488	520	168193.483487	406023.511919
521	551655.975113	1332096.393608	521	168145.079213	406023.798944
522	551530.585798	1332131.131882	522	168106.860473	406034.385192
735	552082.620968	1332582.593404	735	168269.023426	406171.986855

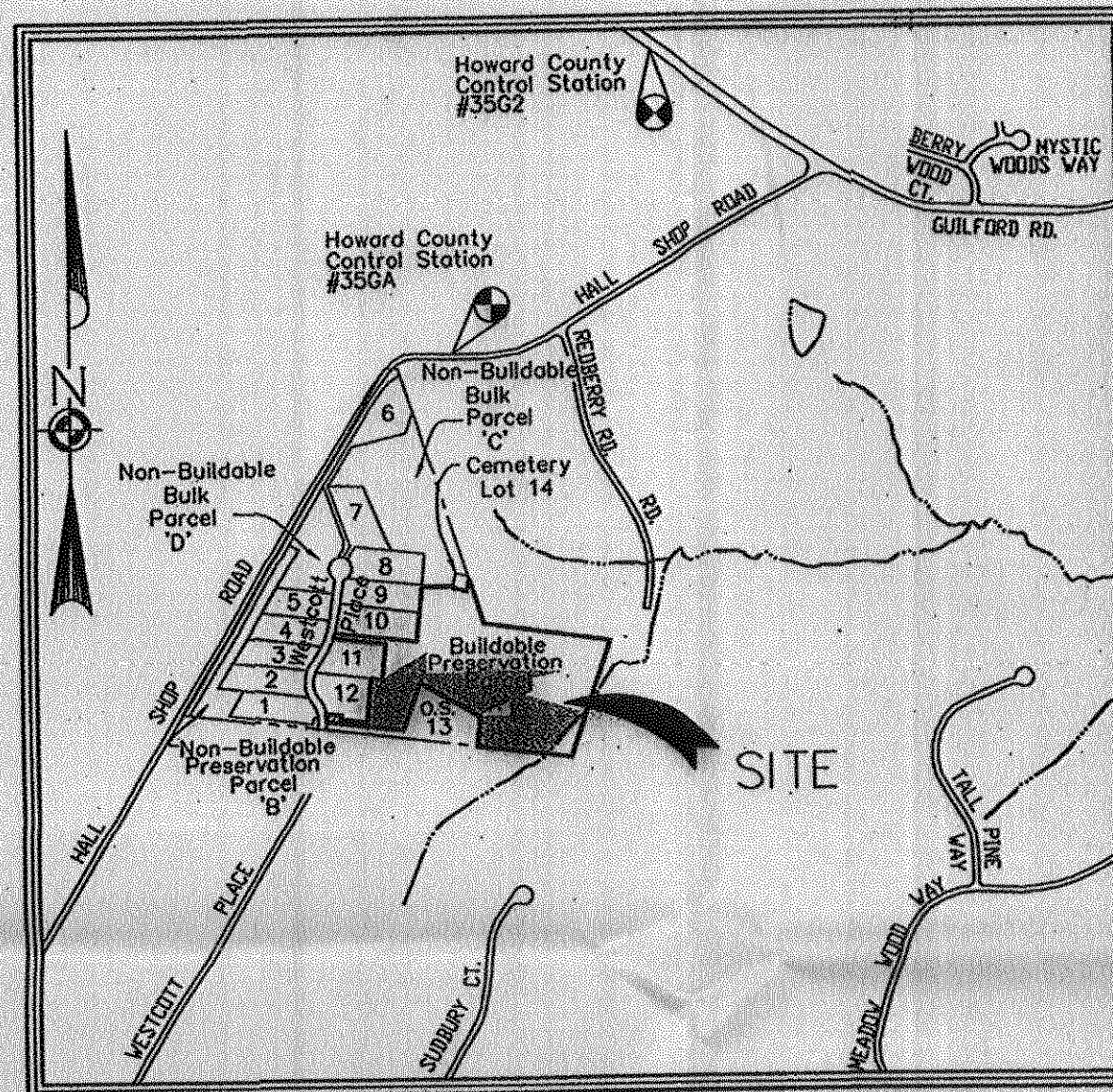
Purpose Statement

THIS PLAT OF REVISION IS TO REDUCE FCE #2 FROM 5.6 ACRES OF AFFORESTATION TO 4.3 ACRES OF AFFORESTATION, TO ADD 0.5 ACRES OF AFFORESTATION TO FCE #3, AND TO CREATE NEW FCE #8, FOR 0.8 ACRES OF RETENTION. THE TOTAL RETENTION PROVIDED ON SITE IS INCREASED TO 1.1 ACRES, AND THE TOTAL AFFORESTATION PROVIDED ON SITE IS REDUCED TO 4.3 ACRES. THE SURETY POSTED BY THE PREVIOUS DEVELOPER, UNDER F-03-93, IS NOT BEING ALTERED BY THESE CHANGES. THE SURETY POSTED BY THE AGREEMENT REQUIRED FROM THE CURRENT OWNER. THE DEEDS OF FOREST CONSERVATION EASEMENT FOR FCE #2 AND FCE #3 WILL BE AMENDED AND A NEW DEED OF FOREST CONSERVATION EASEMENT FOR FCE #8 WILL BE EXECUTED, PRIOR TO RECORDATION OF THIS PLAT.

OWNER

Thomas L. Patz and
Michelle E. Patz
6953 Westcott Place
Clarksville, Maryland 21029

Curve Data Chart					
Pnt-Pnt	Radius	Arc Length	Tangent	Delta	Chord Bearing And Distance
519-520	490.00	248.41	126.94	29°02'50"	N22°47'12"E 245.76'
521-522	170.00	133.52	70.42	45°00'00"	N15°29'06"W 130.11'



VICINITY MAP
SCALE: 1" = 1200'

Reservation Of Public Utility And Forest Conservation Easements

"Developer Reserves unto itself, its successors and assigns, all easements shown on this plan for water, sewer, storm drainage, other public utilities and forest conservation (designated as "Forest Conservation Area"), located in, on, over, and through lots 1 thru 14, buildable preservation parcel 'A', non-buildable preservation parcel 'B' and 'C' and non-buildable bulk parcel '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 lot(s). 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 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."

General Notes:

- This Area Designates A Private Sewerage Easement Of 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewerage Disposal. Improvements Of Any Nature In This Area 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 Variances For Encroachments Into The Private Sewerage Easement. Recordation Of A Modified Easement Shall Not Be Necessary.
- The Lots Shown Hereon Comply With The Minimum Ownership Width And Lot Area As Required By The Maryland State Department Of The Environment.
- Subject Property Zoned RR-DEO Per 02/02/2004 Comprehensive Zoning Plan.
- Coordinates Based On NAD '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 356A And No. 356Z.
Sta. 356A N 186630.8259 (Meters) E 406185.6193 (Meters)
Sta. 356Z N 189153.8491 (Meters) E 406279.3856 (Meters)
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About April, 2000, By Fisher Collins And Carter, Inc.
- B.R.L. Denotes Building Restriction Line.
- Denotes Iron Pin Set Capped "F.C.C. 106".
- Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
- Denotes Concrete Monument Or Stone Found.
- For Flag Or Pipestem Lots, Refuse Collection, Snow Removal And Road Maintenance Are Provided To The Junction Of The Flag Or Pipe Stem And Road Right-Of-Way Line.
- Driveway(s) Shall Be Provided Prior To Issuance Of A Use And Occupancy Permit For Any New Dwelling To Insure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
a) Width - 12 Feet (14 Feet Serving More Than One Residence);
b) Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1 - 1/2" Minimum);
c) Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
d) Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (1-125-Loading);
e) Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
f) Structure Clearances - Minimum 12 Feet;
g) Maintenance - Sufficient To Ensure All Weather Use.
- All Lot Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To NAD '83 Grid Measurement.
- Prior Department Of Planning And Zoning File Nos. S-01-14, F-03-93 And P-02-01.
- The Wetlands And Forest Stand Delineation Have Been Prepared By Eco-Science Professionals, Inc. Dated September 18, 2000 And Approved Under P-02-01 On August 30, 2002.
- No Grading, Removal Of Vegetative Cover Or Trees, Or Placement Of New Structures Is Permitted Within The Limits Of Wetlands, Stream(s), Or Their Buffers And Forest Conservation Easement Areas.
- Denotes Wetlands Area Outline.
- Denotes Existing Centerline Of Stream.
- Denotes Approximate Elevation Of 100 Year Floodplain.
- Articles Of Incorporation By The State Department Of Assessments And Taxation For Hall Shop Manor Homeowner's Association, Inc. Were Accepted And Approved On January 5, 2004 With Receipt No. D0723612.
- This Plat Is In Compliance With The Amended Fifth Edition Of The Subdivision Regulations, per Council Bill 45-2003, and the Amended Zoning Regulations, per Council Bill 75-2003.
- A Landscape Surety In The Amount Of \$53,400.00 For Perimeter Landscape Requirements Of Section 16.124 Of The Howard County Code And Landscape Manual Is Posted With The Developer's Agreement For This Subdivision.
- A Financial Surety In The Amount Of \$13,800.00 For The Street Trees Is Posted With The Developer's Agreement For This Subdivision.
- The Traffic Study Was Prepared By The Traffic Group And Approved On August 30, 2002 Under S-01-14.
- Buildable Preservation Parcel 'A' And Non-Buildable Preservation Parcels 'B' And 'C' Are Privately Owned And Maintained. These Preservation Parcels Are Encumbered By An Easement Agreement With Hall Shop Manor Homeowner's Association, Inc. And Howard County, Maryland Which Prohibits Further Subdivision Of The Parcel, Outlines The Maintenance Responsibilities Of The Owner And Enumerates The Uses Permitted On The Property.
- The Forest Conservation Requirements For Hall Shop Manor were addressed under F-03-93.

Area Tabulation For All Sheets

	Sheet 2	Sheet 3	Total
Total Number Of Buildable Lots To Be Recorded	0	0	0
Total Number Of Cemetery Lots To Be Recorded	0	0	0
Total Number Of Buildable Preservation Parcels To Be Recorded	1	0	1
Total Number Of Non-Buildable Preservation Parcels To Be Recorded	0	0	0
Total Number Of Non-Buildable Bulk Parcels To Be Recorded	0	0	0
Total Number Of Open Space Lots To Be Recorded	0	0	0
Total Number Of Lots/Parcels To Be Recorded	1	0	1
Total Area Of Buildable Lots To Be Recorded	0.000 Ac.±	0.000 Ac.±	0.000 Ac.±
Total Area Of Cemetery Lot To Be Recorded	0.000 Ac.	0.000 Ac.±	0.000 Ac.±
Total Area Of Buildable Preservation Parcel To Be Recorded	0.000 Ac.±	0.000 Ac.±	0.000 Ac.±
Total Area Of Non-Buildable Preservation Parcels To Be Recorded	0.000 Ac.±	0.000 Ac.±	0.000 Ac.±
Total Area Of Non-Buildable Bulk Parcels To Be Recorded	0.000 Ac.	0.000 Ac.±	0.000 Ac.±
Total Area Of Open Space Lot To Be Recorded	0.000 Ac.±	0.000 Ac.	0.000 Ac.±
Total Area Of Lots/Parcels To Be Recorded	0.000 Ac.±	0.000 Ac.±	0.000 Ac.±
Total Area Of Roadway To Be Recorded	0.000 Ac.±	0.000 Ac.±	0.000 Ac.±
Total Area To Be Recorded	12.035 Ac.±	0.926 Ac.±	12.961 Ac.±

OWNER'S CERTIFICATE

Thomas L. Patz and Michelle E. Patz, 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 Rights-Of-Way 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-Way. Witness My Hand This Day Of March, 2004.

APPROVED: For Private Water And Private Sewerage Systems,
Howard County Health Department:

Robert J. Dale 8/19/04
Howard County Health Officer JAB Date

APPROVED: Howard County Department Of Planning And Zoning

Chief, Development Engineering Division MAR 8/12/04
Cindy Harshbarger (acting) 8/23/04
Director Date

Thomas L. Patz

Witness

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is All The Lands Conveyed By Iglehart Farm, LLC To Thomas L. Patz and Michelle E. Patz By Deed Dated June 22, 2004 And Recorded Among The Land Records Of Howard County, Maryland, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.



George Chagetas 8/4/04
George Chagetas, Property Line Surveyor No. 29 Date

RECORDED AS PLAT No. 16821 ON August 26, 2004
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

"Plat of Revision"
Buildable Preservation
Parcel 'A'
HALL SHOP MANOR

Zoned: RR-DEO
Tax Map: 41 Grid: 1 Parcel: 138
Fifth Election District
Howard County, Maryland

Scale: 1" = 100'

Date: July 30, 2004
Sheet 1 of 3

F-05-016

Reservation Of Public Utility And Forest Conservation Easements

"Developer Reserves unto itself, its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Area"), Located In, On, Over, And Through Lots 1 Thru 14, Buildable Preservation Parcel 'A', Non-Buildable Preservation Parcel 'B' And 'C' And Non-Buildable Bulk Parcel '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 Lot(s). 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 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."

E 1331500
N 553000
N 168554.7388
Metric

Purpose Statement

THIS PLAT OF REVISION IS TO REDUCE FCE #2 FROM 5.6 ACRES OF RETENTION TO 4.3 ACRES OF RETENTION, TO ADD 0.5 ACRES OF AFFORESTATION TO FCE #3, AND TO CREATE NEW FCE #8, FOR 0.8 ACRES OF RETENTION. THE TOTAL RETENTION PROVIDED ON SITE IS INCREASED TO 1.1 ACRES, AND THE TOTAL AFFORESTATION PROVIDED ON SITE IS REDUCED TO 4.3 ACRES. THE SURETY POSTED BY THE PREVIOUS DEVELOPER, UNDER F-03-93, IS NOT BEING ALTERED BY THESE CHANGES, NOR IS A NEW DEVELOPER AGREEMENT REQUIRED FROM THE CURRENT OWNER. THE DEEDS OF FOREST CONSERVATION EASEMENT FOR FCE #2 AND FCE #3 WILL BE AMENDED AND A NEW DEED OF FOREST CONSERVATION EASEMENT FOR FCE #8 WILL BE EXECUTED, PRIOR TO RECORDATION OF THIS PLAT.

E 1331500
N 552500
N 168402.3385
Metric

Area Tabulation For Sheet 3

Total Number Of Buildable Lots To Be Recorded.	0
Total Number Of Cemetery Lots To Be Recorded.	0
Total Number Of Buildable Preservation Parcels To Be Recorded.	0
Total Number Of Non-Buildable Preservation Parcels To Be Recorded.	0
Total Number Of Non-Buildable Bulk Parcels To Be Recorded.	0
Total Number Of Open Space Lots To Be Recorded.	0
Total Number Of Lots/Parcels To Be Recorded.	0
Total Area Of Buildable Lots To Be Recorded.	0.000 Ac.±
Total Area Of Cemetery Lot To Be Recorded.	0.000 Ac.±
Total Area Of Buildable Preservation Parcel To Be Recorded.	0.926 Ac.
Total Area Of Non-Buildable Preservation Parcels To Be Recorded.	0.000 Ac.±
Total Area Of Non-Buildable Bulk Parcels To Be Recorded.	0.000 Ac.±
Total Area Of Open Space Lot To Be Recorded.	0.000 Ac.
Total Area Of Lots/Parcels To Be Recorded.	0.926 Ac.±
Total Area Of Roadway To Be Recorded.	0.000 Ac.±
Total Area To Be Recorded.	0.926 Ac.±

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

Robert J. Welch 8/19/04
Howard County Health Officer JAB Date

APPROVED: Howard County Department Of Planning And Zoning.

MAJ 8/12/04
Chief, Development Engineering Division MAJ Date

Andy Kenna 8/20/04
Director Date

OWNER'S CERTIFICATE

Thomas L. Patz and Michelle E. Patz, 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 Rights-Of-Way 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-Way. Witness My Hand This Day Of March, 2004.

Thomas L. Patz
Thomas L. Patz

Witness
Witness

SURVEYOR'S CERTIFICATE

I Herby Certify That The Final Plat Shown Hereon Is Correct; That It Is All The Lands Conveyed By Ighehart Farm, LLC To Thomas L. Patz and Michelle E. Patz By Deed Dated June 22, 2004 And Recorded Among The Land Records Of Howard County, Maryland, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And That The Monumentation Is In Accordance With The Howard County Subdivision Regulations.



George Chagotas 8/4/04
George Chagotas, Property Line Surveyor No. 29 Date

RECORDED AS PLAT No. 16873 ON August 26, 2004
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

"Plat of Revision" Buildable Preservation Parcel 'A' HALL SHOP MANOR

Zoned: RR-DEO
Tax Map: 41 Grid: 1 Parcel: 138
Fifth Election District
Howard County, Maryland
Scale: 1" = 100'
Date: July 14, 2004
Sheet 3 of 3

Forest Conservation Easement No. 3

FCE3-1	S89°24'30"E 157.60'
FCE3-2	S77°27'03"E 10.84'
FCE3-3	N12°57'10"E 2.30'
FCE3-4	S89°24'30"E 30.36'
FCE3-5	S18°47'16"E 166.07'
FCE3-6	N80°03'03"W 228.67'
FCE3-7	S06°21'54"W 64.26'
FCE3-8	N83°38'06"W 40.00'
FCE3-9	N06°21'54"E 66.76'
FCE3-10	N06°09'34"E 113.50'

Forest Conservation Easement No. 4

FCE4-1	S18°47'16"E 285.31'
FCE4-2	S31°52'15"W 30.93'
FCE4-3	N77°41'53"W 33.90'
FCE4-4	S12°58'02"W 57.10'
FCE4-5	N89°24'30"W 123.87'
FCE4-6	N06°21'54"E 81.00'
FCE4-7	N18°27'50"W 59.54'
FCE4-8	N06°21'54"E 10.66'
FCE4-9	N83°38'06"W 5.00'
FCE4-10	N38°46'34"W 82.35'
FCE4-11	N60°35'41"E 78.23'
FCE4-12	N39°28'39"E 47.60'
FCE4-13	N02°51'15"W 46.67'
FCE4-14	N84°24'22"E 61.46'

Natural Area Conservation Credit For Stormwater Management And Forest Conservation Easement No. 5

FCE5-1	S13°18'11"E 35.00'
FCE5-2	S35°04'42"W 70.19'
FCE5-3	S36°29'30"W 99.00'
FCE5-4	S07°21'46"E 85.00'
FCE5-5	N88°15'08"W 209.05'
FCE5-6	R=25.00' L=51.95'
FCE5-7	N30°49'00"E 67.04'
FCE5-8	R=14.529.34' L=92.5'
FCE5-9	N76°41'49"E 236.65'

Forest Conservation Easement No. 6

FCE6-1	S18°47'16"E 402.71'
FCE6-2	S84°24'22"W 58.06'
FCE6-3	N27°15'03"W 33.71'
FCE6-4	N49°01'10"W 81.52'
FCE6-5	N25°18'15"W 27.78'
FCE6-6	N43°24'33"W 48.03'
FCE6-7	N78°29'14"W 40.60'
FCE6-8	S85°10'07"W 67.56'
FCE6-9	N07°21'46"W 35.00'
FCE6-10	N36°29'30"E 91.20'
FCE6-11	N35°04'42"E 111.95'
FCE6-12	N19°41'16"E 32.12'
FCE6-13	N71°12'44"E 35.00'

Natural Area Conservation Credit For Stormwater Management And Forest Conservation Easement No. 7

FCE7-1	N83°38'06"W 111.88'
FCE7-2	N23°12'40"W 329.90'
FCE7-3	S88°15'08"E 93.93'
FCE7-4	R=20.00' L=31.85"
FCE7-5	S02°59'30"W 43.50'
FCE7-6	S07°30'18"E 78.01'
FCE7-7	S17°45'11"E 34.77'
FCE7-8	S36°59'09"E 81.19'
FCE7-9	N89°27'08"E 5.00'
FCE7-10	S16°46'04"E 17.00'
FCE7-11	S52°11'15"E 54.00'
FCE7-12	S18°47'17"E 24.95'

Wetland Tabulation

Sym.	Bearing And Distance
WL1	S18°47'18"E 132.88'
WL2	S85°01'32"W 23.41'
WL3	S23°32'43"W 29.83'
WL4	N72°27'07"W 28.55'
WL5	N80°02'04"W 42.37'
WL6	N25°18'15"W 27.78'
WL7	N27°45'38"W 23.06'
WL8	N26°37'22"E 29.96'
WL9	N16°45'33"W 19.00'
WL10	N71°03'00"E 18.61'
WL11	N65°05'59"E 36.21'
WL12	N33°52'36"E 42.30'

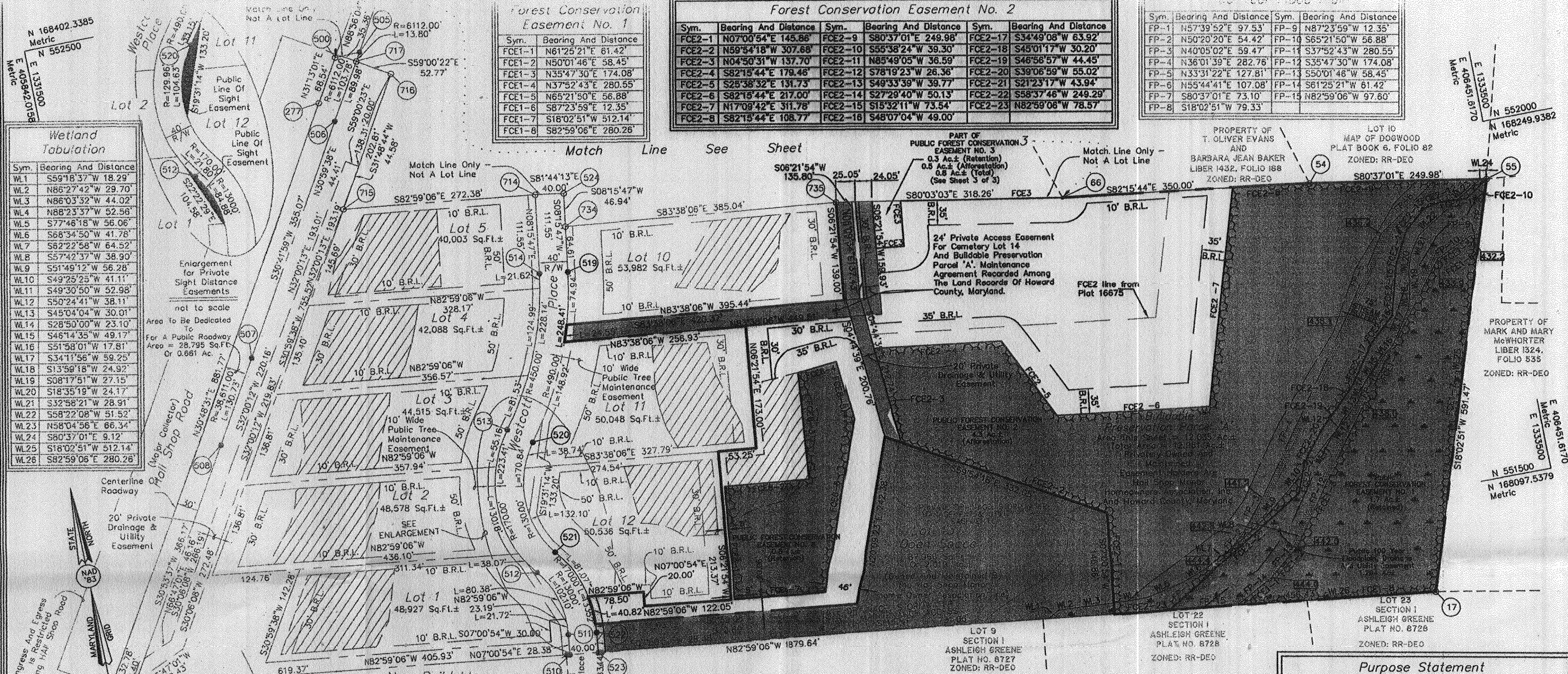
Part Of Buildable Preservation Parcel 'A'

Area This Sheet = 40,354 Sq.Ft.± Or 0.926 Ac.±
(For Total See Sheet 2 Of 2)
Privately Owned And Maintained.
Easement Holders Are Hall Shop Manor Homeowners Association, Inc. And Howard County, Maryland.

OWNER
Thomas L. Patz and Michelle E. Patz
6953 Westcott Place
Clarksville, Maryland 21029

PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
1420-A JOLI AVENUE
BALTIMORE, MARYLAND 21227
(410) 247-6633

F-05-016



Area Tabulation For Sheet 2	
Total Number Of Buildable Lots To Be Recorded	0
Total Number Of Cemetery Lots To Be Recorded	0
Total Number Of Buildable Preservation Parcels To Be Recorded	0
Total Number Of Non-Buildable Preservation Parcels To Be Recorded	0
Total Number Of Non-Buildable Bulk Parcels To Be Recorded	0
Total Number Of Open Space Lots To Be Recorded	0
Total Number Of Lots/Parcels To Be Recorded	0
Total Area Of Buildable Lots To Be Recorded	0.000 Ac.±
Total Area Of Cemetery Lot To Be Recorded	0.000 Ac.
Total Area Of Buildable Preservation Parcel To Be Recorded	12.035 Ac.±
Total Area Of Non-Buildable Preservation Parcels To Be Recorded	0.000 Ac.±
Total Area Of Non-Buildable Bulk Parcels To Be Recorded	0.000 Ac.
Total Area Of Open Space Lot To Be Recorded	0.000 Ac.±
Total Area Of Lots/Parcels To Be Recorded	12.035 Ac.±
Total Area Of Roadway To Be Recorded	0.000 Ac.±
Total Area To Be Recorded	12.035 Ac.±

Forest Conservation Easement No. 8	
Sym.	Bearing And Distance
FCE8-1	N06°21'54"E 162.91'
FCE8-2	S83°38'06"E 120.49'
FCE8-3	N05°19'12"E 150.77'
FCE8-4	N85°09'29"E 56.84'
FCE8-5	S04°50'31"E 84.63'
FCE8-6	S20°09'23"W 250.38'
FCE8-7	N82°59'06"W 150.27'

"Developer Reserves unto itself, its Successors and Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Area"), Located In, On, Over, And Through Lots 1 Thru 14, Buildable Preservation Parcel 'A', Non-Buildable Preservation Parcel 'B' And 'C' And Non-Buildable Bulk Parcel '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 Lot(s). 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 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 § 3-108, 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

George Chagetas 8/4/04 Date
George Chagetas, L.S. #29 (Registered Property Line Surveyor)

Thomas L. Patz 8/2/04 Date
Thomas L. Patz

Purpose Statement

THIS PLAT OF REVISION IS TO REDUCE FCE #2 FROM 5.6 ACRES OF RETENTION TO 4.3 ACRES OF RETENTION, TO ADD 0.5 ACRES OF AFFORESTATION TO FCE #3, AND TO CREATE NEW FCE #8, FOR 0.8 ACRES OF RETENTION. THE TOTAL RETENTION PROVIDED ON SITE IS INCREASED TO 1.1 ACRES, AND THE TOTAL AFFORESTATION PROVIDED ON SITE IS REDUCED TO 4.3 ACRES. THE SURETY POSTED BY THE PREVIOUS DEVELOPER, UNDER F-03-93, IS NOT BEING ALTERED BY THESE CHANGES, NOR IS A NEW DEVELOPER AGREEMENT REQUIRED FROM THE CURRENT OWNER. THE DEEDS OF FOREST CONSERVATION EASEMENT FOR FCE #2 AND FCE #3 WILL BE AMENDED AND A NEW DEED OF FOREST CONSERVATION EASEMENT FOR FCE #8 WILL BE EXECUTED, PRIOR TO RECORDATION OF THIS PLAT.

PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
1420-A JOHNS AVENUE
Baltimore, Maryland 21207
(410) 241-8833

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

Robert J. Dulan 8/19/04 Date
Howard County Health Officer

APPROVED: Howard County Department Of Planning And Zoning.

Matthew M. Pappas 8/12/04 Date
Chief, Development Engineering Division

Cindy Hammett 8/24/04 Date
Director

OWNER'S CERTIFICATE

Thomas L. Patz and Michelle E. Patz, 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 Rights-Of-Way 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-Way. Witness My Hand This Day Of March, 2004.

Thomas L. Patz
Thomas L. Patz

Michelle E. Patz
Michelle E. Patz

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is All The Lands Conveyed By Iglehart Farm, LLC To Thomas L. Patz and Michelle E. Patz By Deed Dated June 22, 2004 And Recorded Among The Land Records Of Howard County, Maryland, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

George Chagetas 8/4/04 Date
George Chagetas, Property Line Surveyor No. 29

RECORDED AS PLAT No. 16872 ON August 26, 2004
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

"Plat of Revision"
Buildable Preservation
Parcel 'A'
HALL SHOP MANOR

Zoned: RR-DEO
Tax Map: 41 Grid: 1 Parcel: 138
Fifth Election District
Howard County, Maryland

Scale: 1" = 100'
Date: July 14, 2004
Sheet 2 of 3

F-05-016