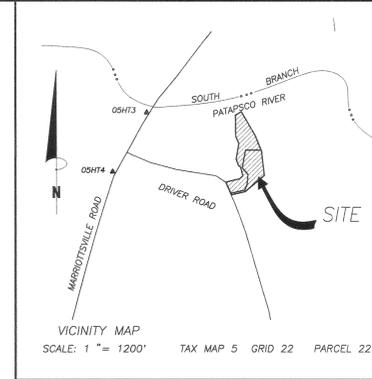


KEY	A. TYPE OF COMMUNITY	B. AREA* (1/10 Acre)	C. SOIL INFORMATION**			D. EXISTING VEGETATION (Dominant Species and Approx. %)	E. STAND CHARACTERISTICS			F. FOREST AREA IN SENSITIVE ENVIRONMENTS (Acres)	G. HABITAT VALUE
			1. Soil Types	2. Typical forest cover for soil type	3. Woodland Suitability Index		1. Size (Diam)	2. Age	3. General Conditions		
F	TULIP POPLAR	3.35 AC±	BH02	HARDWOODS	41	TULIP POPLAR 80%	18"-24"	30-50YRS	GOOD	.087AC±	GOOD
			BH03	HARDWOODS	41						
			Bf	HARDWOODS	41						
			GB2	HARDWOODS	30						
			GC3	HARDWOODS	30						
Md	HARDWOODS	21									
										2.307AC± TOTAL SENSITIVE AREA	

* WETLAND AREA 0.093 AC±
 WETLAND BUFFER 0.373 AC±
 STREAM BUFFER 0.687 AC±
 >25% SLOPE 2.22 AC±



GENERAL NOTES:

- The number of trees in the existing woods exceeds the 100 stem per acre threshold as defined in the Forest Conservation Manual.
- All contractors performing work on this site shall notify "Miss Utility" 48 hours prior to any construction or grading by calling 1-800-257-7777 for the location of all utilities.
- The contractors performing work on the site are responsible for protecting existing native & noninvasive plantings during construction.
- All planting, pruning, and maintenance shall be according to the National Arborist Standards and the Howard County Forest Conservation Manual, latest edition.
- Flowing water was observed along western property line to spring noted on plan.
- Wetlands were observed on-site along & northern property lines.
- Zoning: RC-DEO.
- This Plan complies with the requirements of Section 16.1200 of the Howard County Code for Forest Conservation by qualifying for On-site Forest Retention which includes stream buffers, forested wetlands and wetland buffers, steep slopes.
- This plan has been reviewed for compliance with the protection of threatened or endangered species on this site by the Wildlife and Heritage Division of the Maryland Department of Natural Resources, as protected under the State Non-game and Endangered Species Conservation Act.
- 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.
- Landscaping requirements for these lots shall be provided in accordance with the provisions of Section 16.124 of the Howard County Subdivision and Land Development Regulations and the Landscape Manual. Financial surety for the required Perimeter Landscaping is not required as a result of credits from existing trees.
- Plan subject to B.A. Case No. 04-006V reducing required lot width from 200 feet to 187.68 feet for lot 1.
- The Forest Conservation Easement has been established to fulfill the requirements of Section 16.1200 of the Howard County Code and Forest Conservation Act. No clearing, grading or construction is permitted within the Forest Conservation Easement; however, Forest Management Practices as defined in the deed of Forest Conservation Easement are allowed.
- This plan complies with the requirements of Section 16.1200 of the Howard County Code for Forest Conservation by providing 1.0931 Acres of Forest Easement on Open Space lot 3 and 0.9561 acres of Forest Easement on lot 1, which is sufficient to meet the break even point of 2 acres of required retention. No surety is required for retention easements with minor subdivisions.

SOIL TYPE	SYMBOL	CAPABILITY UNIT	WOODLAND SUITABILITY GROUP	Kw	SLOPE %
BRANDYWINE LOAM	BH02	Ive-10	41	≤.35	15-25% ME
BRANDYWINE LOAM	BH03	Ive-3	41	≤.35	15-25% SE
BRANDYWINE LOAM	Bf	Ive-3	41	≤.35	25-60% SE
GLENELG LOAM	GB2	Ile-4	30	>.35	3-8% ME
GLENELG LOAM	GC3	Ive-3	31	>.35	8-15% SE
MADE LAND	Md		21	≤.35	

CATEGORY	ADJACENT TO PERIMETER PROPERTIES				
	#1-NONE	#2=A	#3=A	#4=A	TOTAL
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	200.00'	1602.35'	100.04'	1215.23'	3118.52'
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	EX. HEDGEROW TO REMAIN 179 L.F.	EX. FOREST & HEDGEROW TO REMAIN 1587.35 L.F.	EX. FOREST TO REMAIN 100.04 L.F.	EX. FOREST TO REMAIN 1203.23 L.F.	EX. FOREST & HEDGEROW TO REMAIN 3061.52 L.F.
CREDIT FOR OTHER LANDSCAPING SWM BUFFER	N/A	N/A	N/A	N/A	N/A
EVERGREEN TREES	0	0	0	0	0
SHADE TREES	0	0	0	0	0
EVERGREEN TREES REQUIRED	0	0	0	0	0
SHADE TREES PROVIDED	0	0	0	0	0
EVERGREEN TREES REQUIRED	0	0	0	0	0
SHADE TREES PROVIDED	0	0	0	0	0
SHRUB OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION)	0	0	0	0	0
DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED					

HOWARD COUNTY FOREST CONSERVATION WORKSHEET

ACRES (1/10 acre)	
BASIC SITE DATA	
GROSS SITE AREA	8.06
AREA WITHIN UTILITY EASEMENT (IF APPLICABLE)	0.68
AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL	0.00
NET TRACT AREA	7.38
LAND USE CATEGORY (R-RD, R-RMD, R-S, C/V/O, I) R-RMD	
INFORMATION FOR CALCULATIONS	
A. NET TRACT AREA	7.38
B. REFORESTATION THRESHOLD (25% x A)	1.845
C. AFFORESTATION MINIMUM (20% x A)	1.476
D. EXISTING FOREST ON NET TRACT AREA	2.86
E. FOREST AREAS TO BE CLEARED	0.8109
F. FOREST AREAS TO BE RETAINED	2.0491
DETERMINING REQUIREMENTS: AFFORESTATION OR REFORESTATION	
1. Reforestation	
If existing forest areas equal or exceed the afforestation minimum (if D equals or is more than C) and no clearing of existing forest resources is proposed, no reforestation is required. No further calculations are needed.	
GO TO SECTION IV	
If existing forests exceed the afforestation minimum (if D equals or is more than C) and no clearing of existing forest resources is proposed, no reforestation is required. No further calculations are needed.	
NOTE: THIS WORKSHEET IS A REFINEMENT OF THE WORKSHEET APPROVED BY RESOLUTION 48. THIS WORKSHEET MUST ACCOMPANY ALL FOREST STAND DELINEATION AND FOREST CONSERVATION PLAN SUBMISSIONS.	
(Worksheet corrected 1/00, there is no "C" in Section "M" or "B" in Section "V.")	
FOREST CONSERVATION OBLIGATION: 0.00 AC. ON-SITE RETENTION; 2.846 AC.	
FOREST CONSERVATION PROVIDED: 2.0491 AC.	
TOTAL ACRES OF 100 YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENTS = 0.68 ACRES	

FOREST CONSERVATION EASEMENT

NUMBER	DIRECTION	DISTANCE
L1	N 58°32'55" E	46.16'
L2	S 30°12'45" E	384.48'
L3	N 89°42'25" E	38.77'
L4	N 56°00'18" W	26.03'
L5	S 86°18'38" W	36.41'
L6	S 42°41'21" W	17.09'
L7	S 15°57'14" W	22.27'
L8	S 10°33'27" W	40.51'
L9	S 28°03'41" E	53.98'
L10	S 79°47'00" E	24.22'
L11	S 39°20'28" W	96.56'
L12	S 10°15'54" W	287.41'
L13	N 49°13'38" W	39.87'

AREA TABULATION CHART

a. Total number of lots and/or parcels to be recorded	
• Buildable	2
• Non-buildable	0
• Open Space	1
• Preservation Parcel	0
b. Total area of lots and/or parcels	
• Buildable	6.5208 Ac±
• Non-buildable	0
• Open Space	1.4738 Ac±
• Preservation Parcel	0
c. Total area of roadway to be recorded including widening strips	
	0.0716 Ac±
d. Total area of subdivision to be recorded	
	8.0662 Ac±

FOREST RETENTION SIGNAGE



NOTES:

- Forest conservation easement signage to be installed using 2" x 2" timber, 6' in length and installed to a depth of no less than 1/3 of the total height of post.
- Signage may be installed on anchor posts used for support of Tree Protection Fence, and post may remain after construction is complete and mesh is removed.
- Boundaries of Retention area should be staked and flagged prior to installing device.
- SPACE SIGNS AS SHOWN

APPROVED:
 DEPARTMENT OF PLANNING AND ZONING

[Signature] 3/23/05
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 5/23/05
 CHIEF, DIVISION OF LAND DEVELOPMENT 68 DATE

DATE	REVISIONS
3/13/02	PER COMMENTS
2/4/05	COMMENTS 1/18/05
07/21/05	COMMENTS 6/15/05 COMMENTS 7/14/05

FOREST CONSERVATION PLAN
 LANDSCAPE PLAN
JOSEPH P. CROSBY SR. PROPERTY

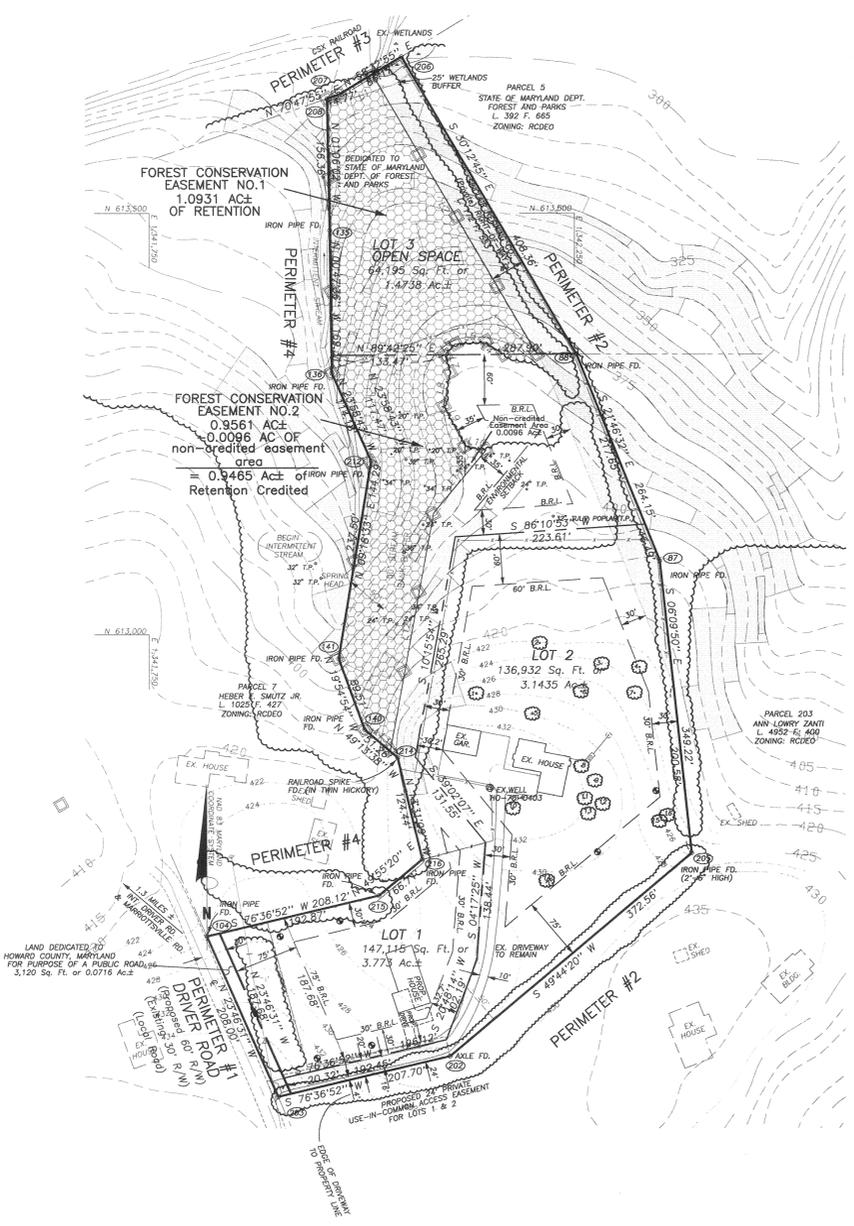
LIBER 654 FOLIO 413
 SITUATED ON DRIVER ROAD
 ELECTION DISTRICT No. 3
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' NOVEMBER 2004
 TAX MAP 5 GRID 22 PARCEL 22

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street P.O. box 328
 Mount Airy, Maryland 21771
 (301) 829-2890 (301)831-5015 (410) 549-2751

- ORNAMENTAL TREES**
1. 18" SILVER MAPLE
 2. 24" NORWAY MAPLE
 3. 12" NORWAY MAPLE
 4. 18" SPRUCE
 5. 28" PIN OAK
 6. 18" NORWAY MAPLE
 7. 18" SPRUCE
 8. 12" BLUE SPRUCE
 9. 18" BLUE SPRUCE
 10. 28" PIN OAK
 11. 12" BLUE SPRUCE
 12. 12" CHERRY
 13. 8" CHERRY
 14. 24" CRAB APPLE
 15. 8" APPLE
 16. 8" APPLE

See Plan view of Lot 2 for location of these trees.

	SOILS TYPE		SOILS BOUNDARY
	WETLAND & 25' BUFFER		FOREST
	15-25% SLOPES		LAWN
	25%+ SLOPES		PASTURE
	EXISTING FENCE		ORNAMENTAL TREE
	FOREST RETENTION SIGN		



Developer's/Owner's Certification
 I certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County Code and the Howard County Landscape Manual. Financial surety for the perimeter landscaping is not required perimeter landscaping is not required as a result of credits from existing trees.

[Signature] Joseph P. Crosby, Sr. 08.17.05
 Date

