

**TREE PLANTING AND STAKING**  
DECIDUOUS AND EVERGREEN TREES UP TO 3" CALIPER NOT TO SCALE

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES
	"A"	"B"
PERIMETER	TYPE "A"	TYPE "B"
LANDSCAPE TYPE	NONE REQUIRED	TYPE "A"
LINEAR FEET OF PERIMETER	NA	191
NUMBER OF PLANTS REQUIRED	NA	3
CREDIT FOR EXISTING VEGETATION	NA	0
SHADE TREES	0	0
EVERGREEN TREES (2:1 SUBSTITUTION)	0	0
NUMBER OF PLANTS PROVIDED	NA	3

**FOREST CONSERVATION WORKSHEET**

**NET TRACT AREA:**  
A. TOTAL TRACT AREA = 1.92 AC  
B. AREA WITHIN 100 YEAR FLOODPLAIN = 0.00 AC  
C. AREA TO REMAIN IN AGRICULTURAL PRODUCTION = 0.00 AC  
D. NET TRACT AREA = 1.92 AC

**LAND USE CATEGORY (FROM TABLE 3.2.1, PAGE 40, MANUAL)**  
INPUT THE NUMBER "1" UNDER THE APPROPRIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.

ARA	MOR	IDA	HDR	MPD	LCA
0	0	0	1	0	0

E. AFFOREST THRESHOLD = 15% X D = 0.29 AC  
F. CONSERVATION THRESHOLD = 20% X D = 0.38 AC

**EXISTING FOREST COVER:**  
G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN) = 0.41 AC  
H. AREA OF FOREST ABOVE AFFORESTATION THRESHOLD = 0.12 AC  
I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD = 0.03 AC

**BREAK EVEN POINT: (0.2 x 1.92) + (0.2 x 0.03) = 0.39**  
J. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION = 0.02 AC  
K. CLEARING PERMITTED WITHOUT MITIGATION = 0.02 AC

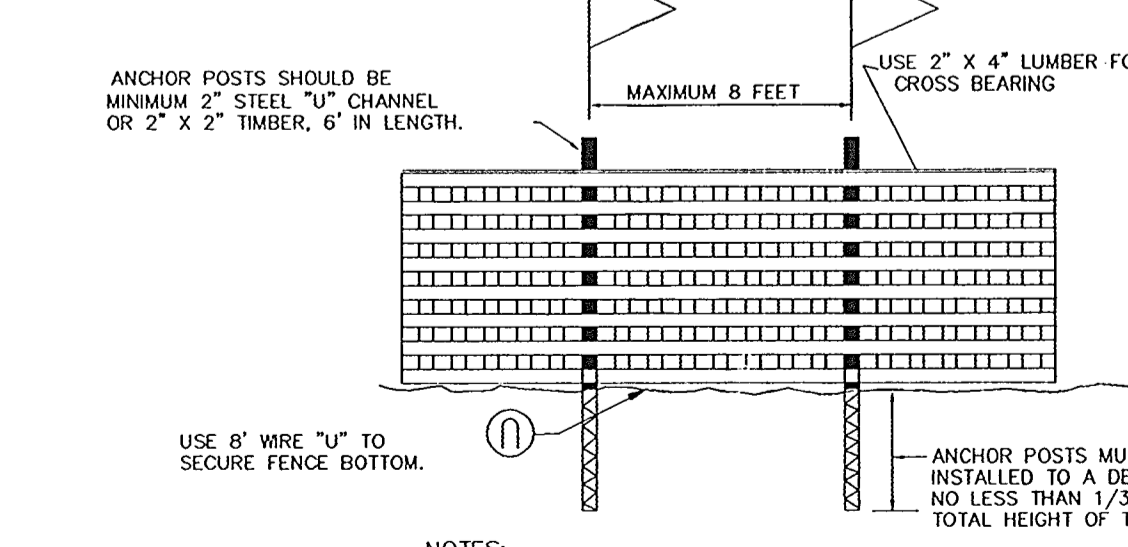
**PROPOSED FOREST CLEARINGS:**  
L. TOTAL AREA OF FOREST TO BE CLEARED = 0.06 AC  
M. TOTAL AREA OF FOREST TO BE RETAINED = 0.35 AC

**PLANTING REQUIREMENTS:**  
N. REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD = 0.01 AC  
O. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD = 0.00 AC  
P. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD = 0.07 AC  
Q. TOTAL REFORESTATION REQUIRED = 0.08 AC  
R. TOTAL AFFORESTATION REQUIRED = 0.00 AC  
S. TOTAL REFORESTATION AND AFFORESTATION REQUIRED = 0.07 AC

**REFORESTATION NOTES:**

- AT COMPLETION OF HOUSE CONSTRUCTION, ANY DISTURBED AREAS WITHIN THE CONSERVATION EASEMENT WILL BE VEGETATIVELY STABILIZED WITH ANNUAL AND BIENNIAL TREES.
- ANY EXISTING TALL GRASSES WITHIN THE CONSERVATION EASEMENT SHALL BE MOVED TO A HEIGHT OF 3 INCHES.
- ALL PROPOSED PLANT MATERIAL TO BE NATIVE PLANT SPECIES. NO ORNAMENTAL CULTIVARS TO BE USED. USE LOCAL GENETIC STOCK UP TO A 100-MILE RADIUS.
- REFORESTATION MANAGEMENT RECORDS SHOULD BE KEPT FOR HOWARD COUNTY REVIEW.
- YEAR 1: INSPECT TREES FOR HEALTH AND MOOR AT: A. BEGINNING OF GROWING SEASON, B. MIDSUMMER AND C. FALL. ADJUST WATERING, PEST CONTROL, WEEDING AND FEEDING AS NEEDED. AFTER ONE YEAR, REPLACE ANY 1" CAL. OF 6' HT. TREES THAT DID NOT SURVIVE DURING THE NEXT PLANTING SEASON.
- YEAR 2: INSPECT TREES FOR HEALTH AND MOOR IN APRIL AND OCTOBER. ADJUST WATERING, PEST CONTROL, WEEDING, AND FEEDING AS NEEDED. REPLACE ANY 1" CAL. OF 6' HT. TREES THAT DID NOT SURVIVE YEAR 2 DURING THE NEXT PLANTING SEASON. SEEDLINGS SHALL BE REPLACED UP TO 50 PERCENT DURING THE NEXT PLANTING SEASON.
- CONTRACTOR TO FOLLOW ALL STATE AND COUNTY GUIDELINES FOR AFFORESTATION AND REFORESTATION.
- IN ORDER TO INSURE SURVIVABILITY, THE PERSON RESPONSIBLE FOR INSTALLATION SHALL INSPECT AND AMEND THE SITES PRIOR TO PLANTING, PROVIDE WATER DURING DROUGHT PERIODS, AND REMOVE ANY PESTS OR WEEDS DURING THE 2-YEAR MAINTENANCE PERIOD.
- FOREST CONSERVATION SURETY IN THE AMOUNT OF \$3,789.72 (\$3,136.32 / RETENTION & \$653.40 / REFORESTATION) WILL BE POSTED AS A PART OF THE DEVELOPER'S AGREEMENT.

**HIGHLY VISIBLE FLAGGING**



**NOTES:**  
1. Forest protection device only.  
2. Retention area will be set as part of the review process.  
3. Boundaries of retention area should be staked and flagged prior to installing device.  
4. Root damage should be avoided.  
5. Protection signage should be used.  
6. Device should be maintained throughout construction.

**BLAZE ORANGE PLASTIC MESH TYPICAL TREE PROTECTION FENCE DETAIL**  
NO SCALE

**PLANT LIST**

QTY	BOTANICAL NAME / COMMON NAME	SIZE	ROOT
8	ACER RUBRUM "OCTOBER GLORY" / RED MAPLE	2 1/2" - 3" CAL	B & B

**SOILS LEGEND**

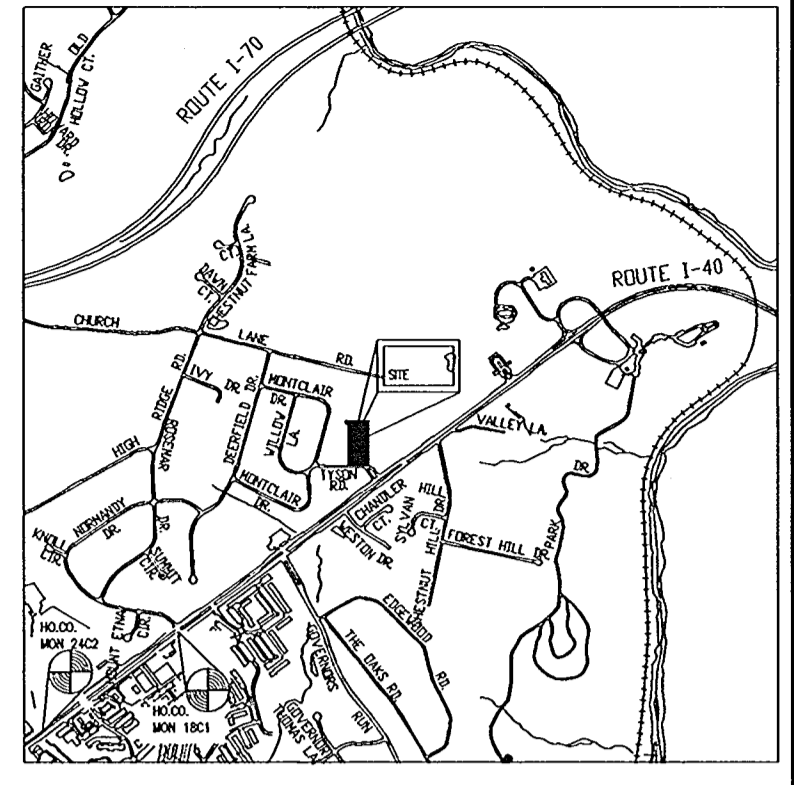
SYMBOL	NAME / DESCRIPTION	TYPE
GIC2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
MID2	MANOR LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	B

NOTE: HOWARD SOIL SURVEY, MAP NUMBER 16

**PLANT SCHEDULE**

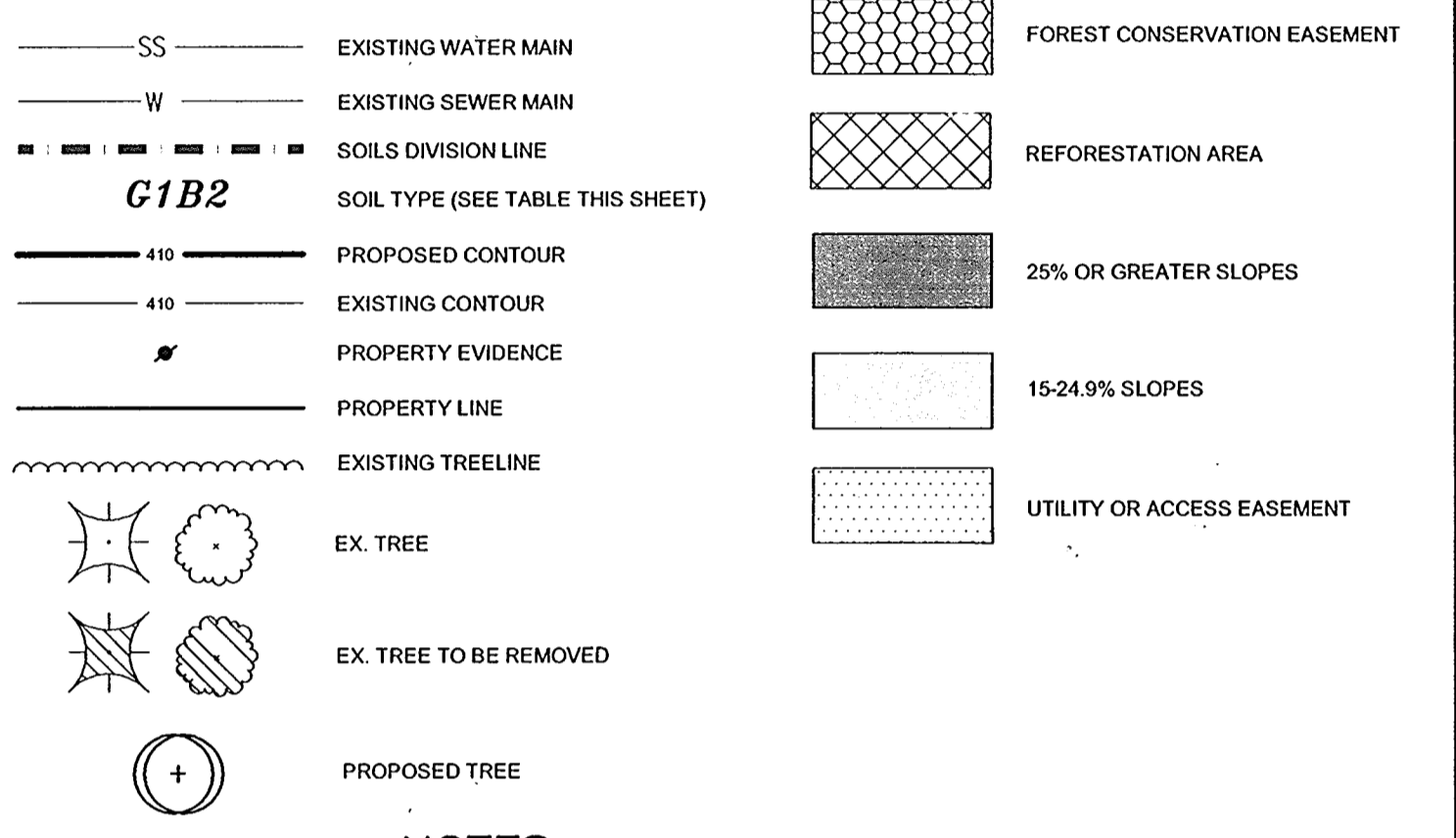
QUAN	BOTANICAL NAME	SIZE	TYPE
3	Acer rubrum Red Maple	1" Cal.	15' On Center Spacing
2	Liquidambar styraciflua American Sweet Gum	1" Cal.	
1	Platanus occidentalis Sycamore	1" Cal.	
3	Prunus serotina Black Cherry	1" Cal.	
2	Quercus palustris Pin Oak	1" Cal.	

TOTAL REFORESTATION PROVIDED=1,307 SF OR 0.0349 AC



**VICINITY MAP**  
SCALE: 1"=2000'

**LEGEND**



**NOTES**

- 1-0.310.3, TO 3.1. THE PROPERTY OUTLINE IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED BY FREDERICK WARD ASSOCIATES, INC. IN APRIL 2003.
2. THE EXISTING FEATURES AND CONTOURS SHOWN HEREON ARE BASED ON FIELD RUN TOPOGRAPHY PERFORMED BY FREDERICK WARD ASSOCIATES, INC. IN APRIL 2003.
3. DRIVEWAYS SHALL BE CONSTRUCTED PER STANDARD R6.06.
4. SEE DRAINAGE AREA MAP FOR DRY SWALE CONSTRUCTION AND SPECIFICATIONS.
5. LANDSCAPE SURETY IN THE AMOUNT OF \$4,500.00 SHALL BE POSTED WITH THE BUILDER'S GRADING PERMIT. LANDSCAPING TO BE PROVIDED AND BONDED PER THE REQUIRED SITE DEVELOPMENT PLAN(S).
6. THE FINAL LANDSCAPE DESIGN WILL BE SHOWN ON THE SITE DEVELOPMENT PLAN FOR THE CONSTRUCTION OF HOUSES ON LOTS 1 AND 2.
7. THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS.
8. I/WE CERTIFY THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE, ACCOMPANIED BY AN EXECUTED ONE-YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
9. THIS SUBDIVISION IS SUBJECT TO THE FIFTH EDITION OF THE SUBDIVISION REGULATIONS.

*Stephen F. Fomey* 9-20-06  
DATE

**OWNERS**  
KEVIN & ELIZABETH GEIER  
8204 TYSON ROAD  
ELLCOTT CITY, MD 21043-3432

**DEVELOPER**  
HAMILTON REED  
8000 MAIN STREET  
ELLCOTT CITY, MD 21043

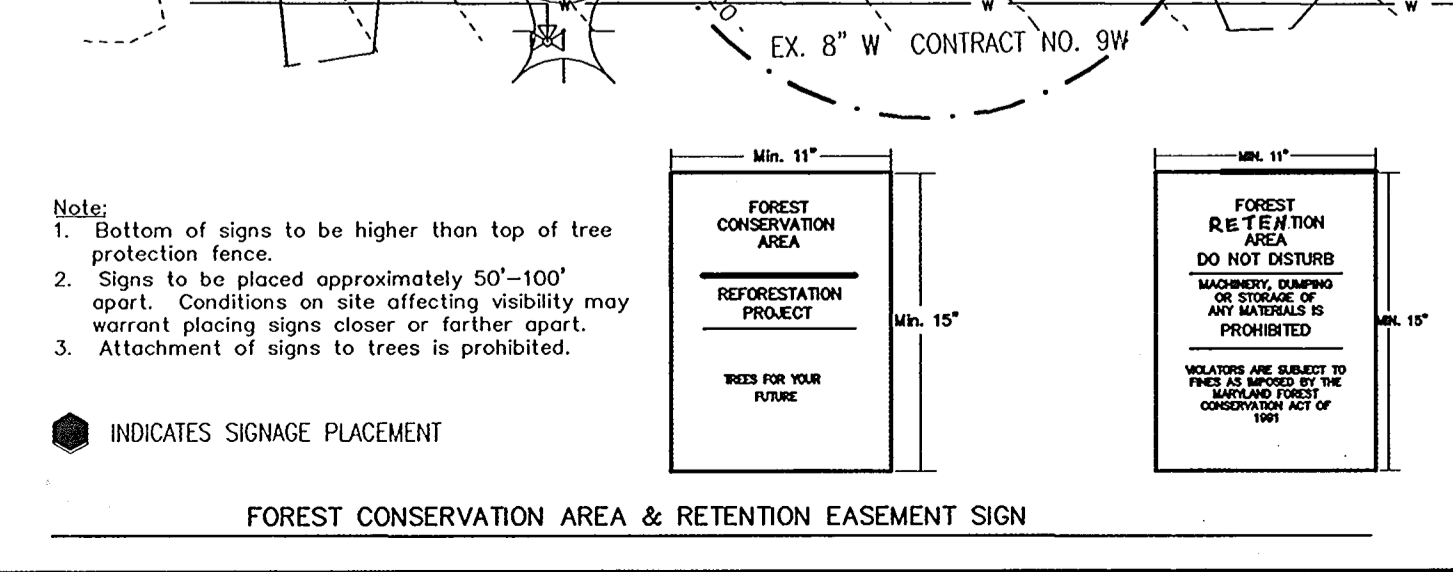
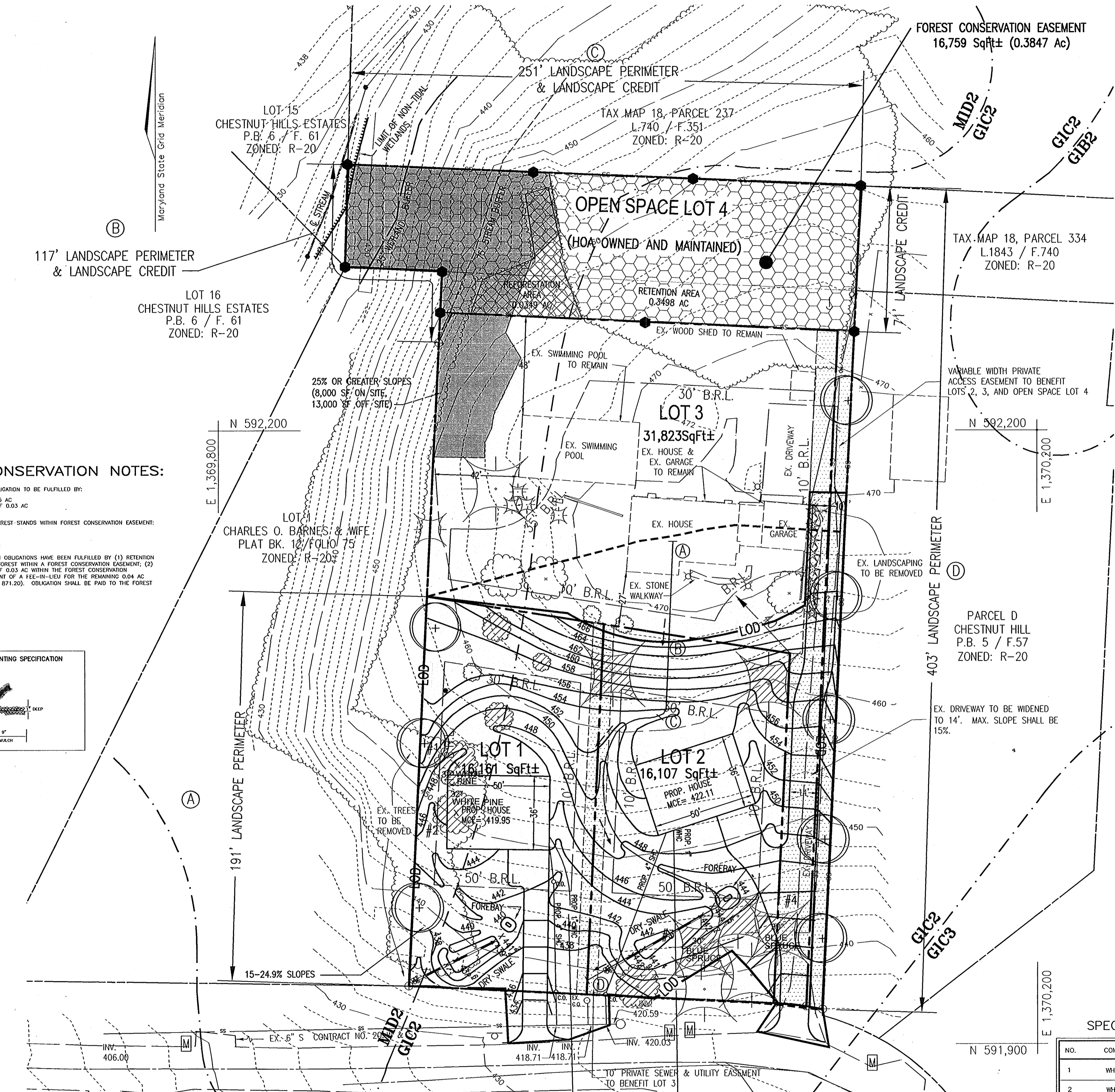
**TYSON HILLS**  
LOTS 1-3 AND OPEN SPACE LOT 4  
SUPPLEMENTAL INFORMATION, LANDSCAPE AND FOREST CONSERVATION PLAN

TAX MAP #18 GRID: 14 2nd ELECTION DISTRICT  
PARCEL: 148 DEED REF.: L.1957/F.323 HOWARD COUNTY, MARYLAND

**FREDERICK WARD ASSOCIATES, INC.**  
ENGINEERS 7125 Riverwood Drive, Suite C, Columbia, Maryland 21046-2354  
ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6226  
SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: E.B.B.  
DRAWN BY: E.B.B.  
CHECKED BY: R.H.V.  
DATE: AUG. 14, 2003  
SCALE: 1"=30'  
W.O. NO.: 2034025

1 SHEET OF



**APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING**

*Cindy Hamstra* 9/29/06  
CHIEF, DIVISION OF LAND DEVELOPMENT

*Chuck Schmeck* 9/29/06  
DNR Qualified Forest Professional

**SPECIMEN TREE CHART**

NO.	COMMON NAME	DBH	RETAIN/REMOVE
1	WHITE PINE	32"	REMOVE
2	WHITE PINE	32"	REMOVE
3	BLUE SPRUCE	30"	REMOVE
4	BLUE SPRUCE	30"	REMOVE