

SCHEDULE A
PERIMETER LANDSCAPE EDGE

Category	Adjacent to Roadways	Adjacent to Perimeter Properties
Landscape Type	NONE	A
Linear Feet of Roadway Frontage/Perimeter	934 L.F.	1823 L.F.
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)	N/A	YES - 1823 L.F.
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)	N/A	NO
Number of Plants Required Shade Trees Evergreen Trees Shrubs	N/A	1:60 30 Shade
Number of Plants Provided Shade Trees Evergreen Trees Other Trees (2:1 substitution) Shrubs (10:1 substitution) (Describe plant substitution credits below if needed)	N/A	N/A

Comments See Perimeter Summary

Note: Complex projects may require expansion of the schedule to accommodate multiple land uses on-site or on adjacent properties.
Trees and tree groups used for credit are denoted on the plan

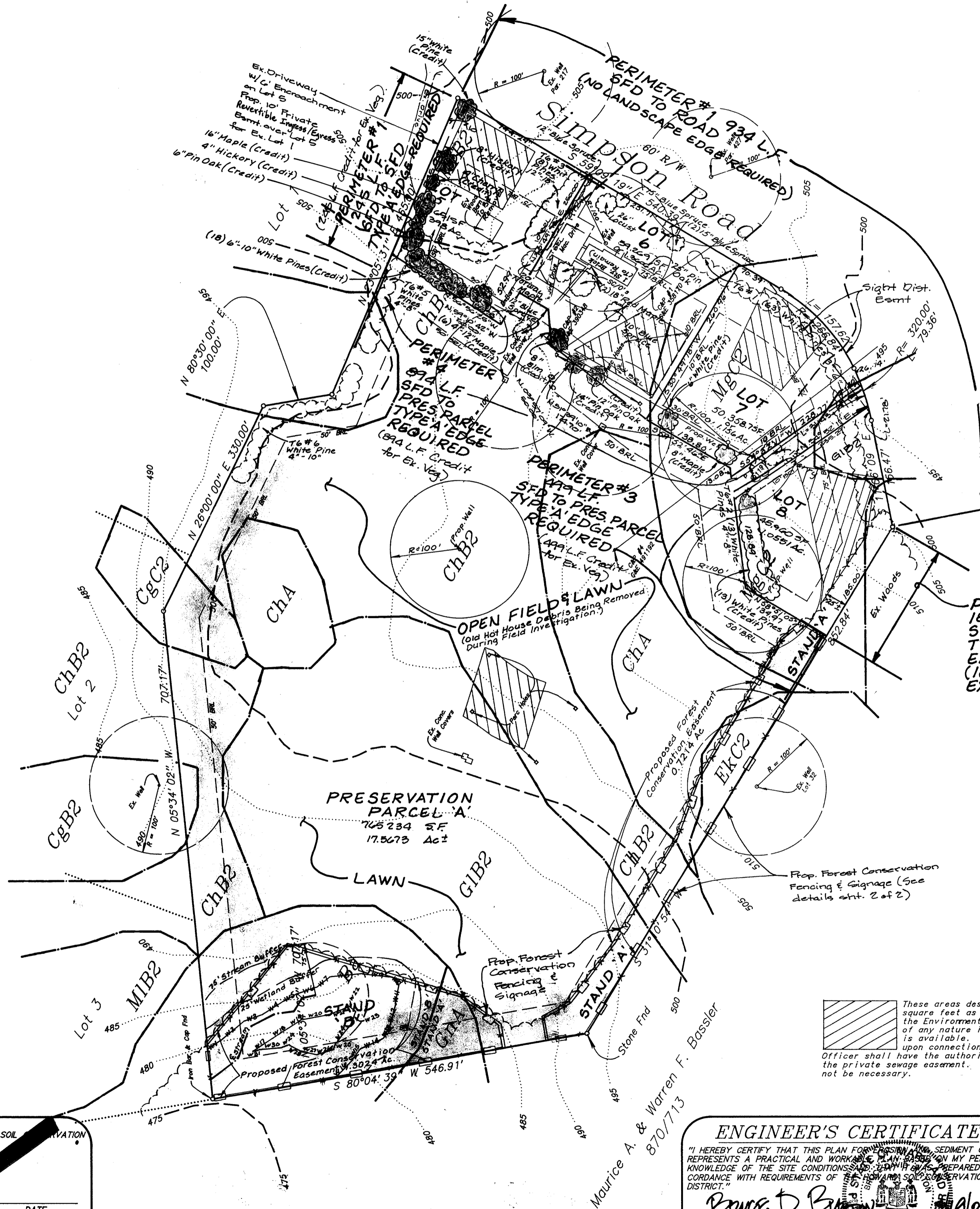
PERIMETER SUMMARY

Perimeter No	Linear Feet	Type	Plants Required	Credit Plants
Perimeter #1	245 LF	A	4 Shade	5 Shade 1 Evergreen (1/2 Shade)
Perimeter #2	894 LF	A	15 Shade	10 Shade 19 Evergreen (9 1/2 Shade)
Perimeter #3	499 LF	A	8 Shade	0 Shade 13 Evergreen (6 1/2 Shade)
Perimeter #4	185 LF	A	3 Shade	3 Shade 0 Evergreen

Total Perimeter 1823 LF 30 Shade Required 32 Evergreen (16 1/2 Shade)
34 Shade Provided (Credit for retention of existing trees on Perimeter #1)

NOTES:

- The Forest Conservation Easement has been established to fulfill the requirements of Section 16.1200 of the Howard County Code/Forest Conservation Act. No clearing, grading or construction are permitted within the easement, however forest management practices as defined in the Deed of Forest Conservation Easement are permitted. The Forest Conservation obligation is met by Retention on site. The Forest Conservation Easement shown on this plan for 2.02 Acres and surety in the amount of \$8,800.00 is for development of Lots 5-8 and Preservation Parcel 'A'.
- This plan has been prepared in accordance with the provisions of section 16.124 of the Howard County Code and Landscape Manual. Landscape surety is NOT required for retained trees on landscape buffers.



Gross Tract Area = 22.28 Ac.
Area of 100 Yr. Floodplain = 0.0 Ac.
Net Tract Area = 22.28 Ac.

PERIMETER #2
185 L.F.
SFD TO SFD
TYPE 'A' LANDSCAPE
EDGE REQUIRED
(185 L.F. CREDIT FOR MAINTAINING
EXISTING VEGETATION/WOODS LINE)

SOILS LEGEND

MAP SYMBOL	NAME	SLOPE/CHARACTERISTICS
*Ba	Baile Silt Loam	
GnA	Glenville Silt Loam	0-3% Slopes
G1B2	Glenig Loam	3-8% Slopes, Moderately Eroded
ChB2	Chester Silt Loam	3-8% Slopes, Moderately Eroded
CgC2	Chester Gravelly Silt Loam	3-15% Slopes, Moderately Eroded
CgB2	Chester Gravelly Silt Loam	3-8% Slopes, Moderately Eroded
EKc2	Eltok Silt Loam	8-15% Slopes, Moderately Eroded
EKA	Eltok Silt Loam	0-3% Slopes
ChA	Chester Silt Loam	0-3% Slopes
MgC2	Manor Gravelly Loam	8-15% Slopes, Moderately Eroded
M1B2	Manor Loam	3-8% Slopes, Moderately Eroded

* This soil type is listed as a hydric soil on both the National & County Hydric Soils Lists.

~~APPROVED: HOWARD COUNTY DEPARTMENT OF ENVIRONMENTAL PLANNING~~

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] DATE 8/2/00
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] DATE 8/2/00
 CHIEF, DIVISION OF LAND DEVELOPMENT

~~PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.~~
 NATURAL RESOURCE CONSERVATION SERVICE
 THIS DEVELOPMENT PLAN APPROVES FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR...
 [Signature] DATE 8/19/00
 DEVELOPER'S CERTIFICATE
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS...
 [Signature] DATE 5-10

Professional Engineer Seal
 [Signature] DATE 7/19/00

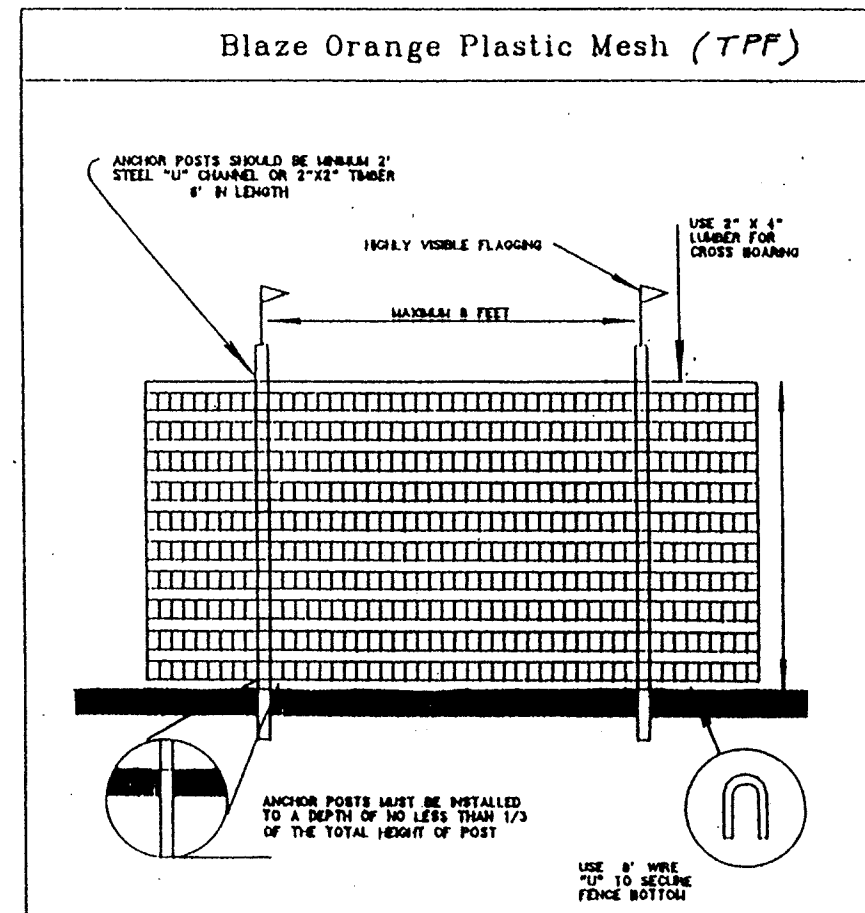
LDE, INC.
 9250 Rumsey Road, Suite 106, Columbia, MD. 21045
 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

DESIGNED	LANDSCAPE AND FOREST CONSERVATION PLAN	SCALE	1" = 100'
DRAWN	A RESUBDIVISION OF CHERRYBRAE LOT 4	DRAWING	1 of 2
CHECKED	Tax Map 41 Parcel 198	JOB NO.	99052
DATE	5th Election District - Howard County, Maryland	FILE NO.	F-00-153

OWNER/DEVELOPER: THOMAS A. STANTON
 11961 Simpson Road
 Clarksville, MD 21029
 301-490-7627 410-792-9442

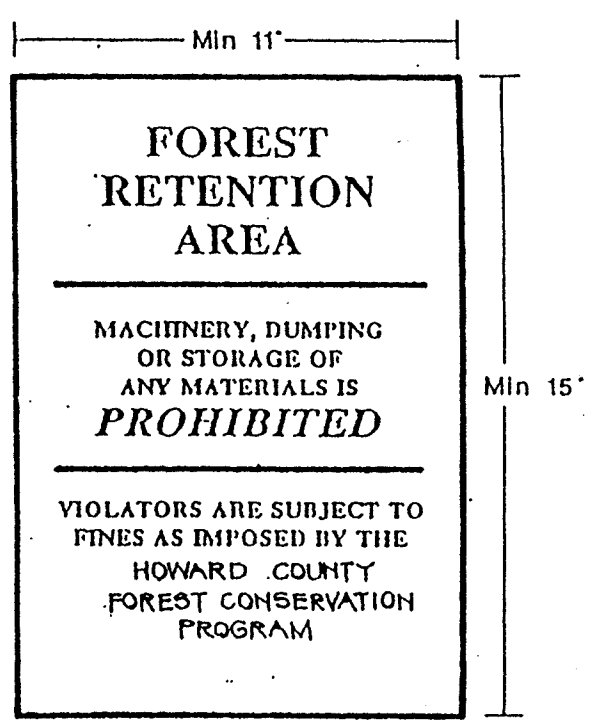
TREE PLANTING NOTES
(if required for transplanting ex. trees)

- Notify "Miss Utility" 72 hours prior to installation of all plant material.
- Plant installation must conform to the minimum standards cited in the latest edition of Landscape Specification Guidelines, published by the Landscape Contractors Association.
- Plants to be located in the field by the owner or owner's representative. Notify owner 72 hours in advance of planting.
- A Certification of Landscape Installation is required as per the Howard County Landscape Ordinance.
- The number, size, location of plants shall not be changed without the approval of the Landscape Architect. Substitutions must be included in the recommended plant list in the Howard County Landscape Ordinance.
- Street tree locations may be adjusted for final location of driveways. Trees to be located a minimum of 10 feet from driveways.
- Street trees may not be planted within 5 feet of drain inlets, 5 feet of an open space access strip and 10 feet of a driveway.
- Street tree planting must conform to the Subdivision and Land Development Regulations and the Department of Public Works Design Manual of Howard County.
- Balled and burlapped plant material shall not be accepted if ball is cracked or broken before or during planting. Protect all plants from drying by either sun or wind.
- Tree pits shall be backfilled with 50% topsoil, 25% peat, 25% sand with one pound of 10-10-10 fertilizer per pit.
- Top soil shall be sandy loam soil free from noxious weeds or grasses, roots, clay clumps, stones, sticks, etc. Peat moss shall be commercial with 4-5 to 5. Free of noxious material or harmful minerals.
- All plants shall be watered at planting with weekly watering thereafter for the first 80 days. Watering shall continue bi-monthly or as necessary to maintain plants in a healthy condition during the guarantee period.
- Maintain the site in an orderly manner. Streets and sidewalks shall be swept clean. All rejected or dead material shall be immediately removed from the site.
- Plant material to be alive and healthy at the time of the guarantee period (one year), as specified in the Howard County Landscape Ordinance. Maintenance shall begin immediately after planting and continue to the end of guarantee period.
- Maintenance consist of pruning, watering, weeding, re-mulching, resetting plants to proper grades as needed and repairing guys and stakes as needed. There shall be a minimum of 20 feet between street lights and street trees. All street trees shall be maintained by the HMA (Homeowners Association), and of guarantee period.
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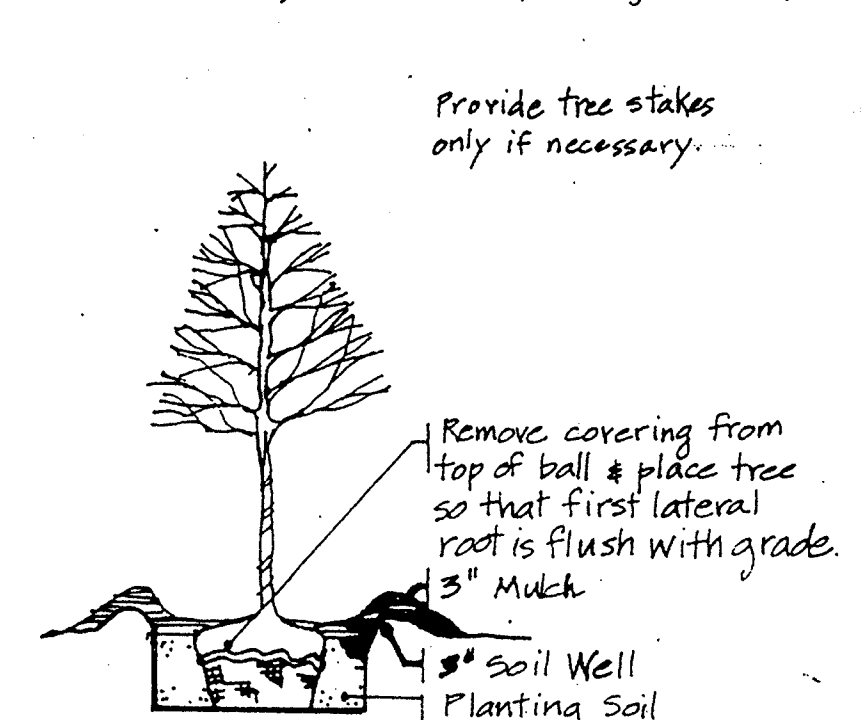


- NOTES**
- Forest protection device only.
 - Retention area will be set as part of the review process.
 - Boundaries of Retention Area should be staked and flagged prior to installing device.
 - Root damage should be avoided.
 - Protective signage may also be used.
 - Device should be maintained throughout construction.

Signage
Sign Location Plan View



TREE PLANTING DETAILS
(if required for transplanting ex. trees)



DECIDUOUS TREE PLANTING DETAIL
N.T.S.

APPENDIX E
FOREST CONSERVATION WORKSHEET
NOTE: Calculations based on Option C' of Appendix L of the Howard County Forest Conservation Manual, 1998.

ACRES (111) 8029

I. BASIC SITE DATA

Gross Site Area	22.3
Area Within 100 Year Floodplain	0
Area Within Agricultural Use or Preservation Parcel (If Applicable)	17.5
Net Tract Area	4.8
Land Use Category (R-RLD, R-RMD, R-S, CMO, I)	R-RMD

II. INFORMATION FOR CALCULATIONS

A. Net Tract Area	4.8
B. Reforestation Threshold (25% x A)	1.2
C. Afforestation Minimum (20% x A)	0.96
D. Existing Forest on Net Tract Area	2.1
E. Forest Areas to Be Cleared	0.1
F. Forest Areas to Be Retained	2.0

III. 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 clearing of forest areas is proposed, reforestation requirements may apply.

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.

2. AFFORESTATION

If existing forest area are less than the afforestation minimum (if D is less than C), afforestation requirements apply.

GO TO SECTION V

IV. REFORESTATION CALCULATIONS

A. Net Tract Area	4.8
B. Reforestation Threshold (25% x A)	1.2
C. Existing Forest on Net Tract Area	2.1
D. Forest Areas to Be Cleared	0.1
E. Forest Areas to Be Retained	2.0
F. Forest Areas Cleared Above Reforestation Threshold (D - B, if F equals or is greater than B, Alternate 1)	0
G. Forest Areas Cleared Below Reforestation Threshold (D - B, if F is less than B, Alternate 2)	0
H. Forest Areas Retained Above Reforestation Threshold (F - B, if applicable)	0.8

SELECT THE ALTERNATIVE THAT APPLIES:

1. CLEARING ABOVE THE THRESHOLD ONLY

If forest areas to be retained equal or are greater than the reforestation threshold (if F equals or is greater than B), the following calculations apply:

Reforestation for clearing above threshold	0
Credit for forest areas retained above threshold	0.8
Total Reforestation required	0

If the total reforestation requirement is equal to or less than 0, no reforestation is required.

V. AFFORESTATION CALCULATIONS

A. Net Tract Area	4.8
B. Afforestation Minimum (20% x A)	0.96
C. Existing Forest on Net Tract Area	2.1
D. Forest Areas to Be Cleared	0.1
E. Forest Areas to Be Retained	2.0

SELECT THE ALTERNATIVE THAT APPLIES: NOTE: Obligation will be met via retention of 2.02 acres of existing forest on the Preservation Parcel.

1. No Clearing Below the Minimum

If existing forests are less than the afforestation minimum (if D is less than C) and no clearing is proposed, the following calculations apply:

Total afforestation required	0
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Afforestation must make total forest area equal the minimum required.

BREAK EVEN POINT (B.E.P.) CALCULATIONS:

- 1.) ZONE: Residential-rural medium density
 - 2.) REFORESTATION THRESHOLD: 25%
- B.E.P. = (EXISTING FOREST EQUAL TO REFORESTATION THRESHOLD) + 20% (OF EXISTING FOREST ABOVE THRESHOLD)
- B.E.P. = (1.2 ac) + (0.20 ac)
- B.E.P. = 1.4 acres

FOREST CONSERVATION SURETY STATEMENT:

THE FOREST CONSERVATION OBLIGATION OF 2.0 ACRES WILL BE MET VIA THE RETENTION OF 2.02 ACRES OF EXISTING ONSITE FOREST. THE RETENTION AREAS ARE LOCATED ENTIRELY WITHIN THE PRESERVATION PARCEL. A FOREST CONSERVATION SURETY IN THE AMOUNT OF \$8,800 HAS BEEN POSTED AS PART OF THE DEVELOPER'S AGREEMENT FOR THIS SUBDIVISION.

Approved: *[Signature]* 8/2/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 8/2/00
CHIEF, DIVISION OF LAND DEVELOPMENT

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

[Signature] DATE

NATURAL RESOURCE CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT DATE

ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND REASONABLE DESIGN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT THIS PLAN'S PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

[Signature] 8/19/00
SIGNATURE OF ENGINEER

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SOIL EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

[Signature] 5/1/00
SIGNATURE OF DEVELOPER

[Signature] 7/19/00

Professional Certification

[Signature]
Steven D. Heiss
Qualified Professional, MDPCA

LDE, INC.
9250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

DESIGNED S.D.H.	LANDSCAPE & FOREST CONSERVATION NOTES & DETAILS A RESUBDIVISION OF CHERRYBRAE LOT 4 PRESERVATION PARCEL 'A' 4 LOTS 5-8 Tax Map 41 Parcel 198 5th Election District - Howard County, Maryland Previous County File Nos: F-84-165, V.P.-84-114 OWNER/DEVELOPER THOMAS A. STANTON 11961 Simpson Road Clarksville, MD 21029 301 490-7627 410 792-9442	SCALE As Shown
DRAWN STB		DRAWING 2 of 2
CHECKED B.D.B.		JOB NO. 99052
DATE 4/00		FILE NO. F 00-153

NOTE: The Owner/Developer's Forest Obligation shall be met entirely by the retention of all existing forest resources on the Preservation Parcel. These forest resources shall be placed in a Forest Conservation Easement.