

SCHEDULE A PERIMETER LANDSCAPE EDGE

Category	Adjacentitos Roadways	Adjacent to
Landscape Type		А
Linear Feet of Perimeter		1048; LF
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)		No
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)		No
Number of Plants Required Shade Trees Evergreen Trees Shrubs		18. —
Number of Plants Provided Shade Trees Evergreen Trees Other Trees (2:1 substitution) - Shrubs (10:1 substitution) (Describe plant substitution credits below if needed)		.18

Note: Complex projects may require expansion of the schedule to accommodate multiple land uses on-site or on adjacent properties.

I DUDGCADE GCHEDIU E

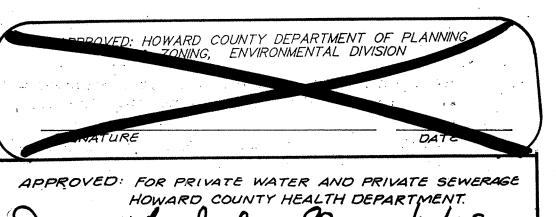
	•	LANDSCAPE SCHEDULE			
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
10*	\bigoplus	ACER RUBRUM "RED SUNSET"	RED MAPLE "RED SUNSET"	22"- 3" CAL	B\$B
9	\bigcirc	LIQUIDAMBAR STYRACIFLUA	AM. SWEETGUM	21/2"- 3" CAL	B\$B
!/ *	\odot	QUERCUS RUBRUM	NORTHERN RED OAK	21/2"-3" CAL	BGB

AFFORESTATION PLANTING (SEE SHEET 20F2 FOR PLANT LIST)

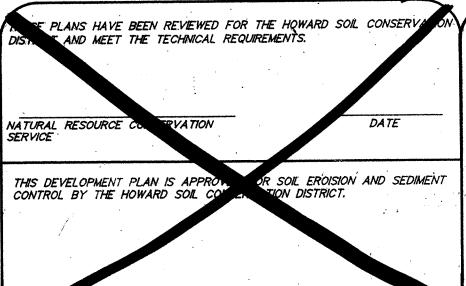
* 7 RED MAPLES AND 5 RED OAKS TO BE USED AS CREDIT TOWARDS

AFFORESTATION OBLIGATION

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.



APPROVED: DEPARTMENT OF PLANNING AND ZONING 7/11/00 DATE Wellman



LAND DEDICATED TO HO.CO., MD

FOR PUBLIC ROAD: 0.44 Ac.t -

GIC3

RESIDUE

Parcel 'A'

16.5049 AC±

GIBZ

GICS

PROPERTY OF EDGEWOOD FARM, INC.

Liber 2268 / Folio 583

Local / Road

GIBZ

G182

GIC3

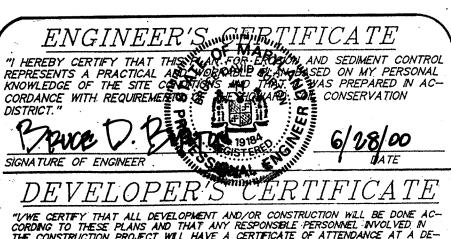
" WOODFIELD"

LOTS 1 THRU 10

Plat No. 8290

Zoned : RC

Fence Onto



44 West

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

SOILS LEGEND

SLOPE | CHARACTERISTICS SYMBOL 0 to 3% Slopes 3 to 8% Slopes Moderately Eroded 8 to 15% Slopes Severely Eroded Glenela Loam

Taken from U.S.D.A. Soils Map #17.

PERCOLATION TEST LEGENO

TEST PASSED

TEST FAILED

DRYWELL DETAIL (No Scale)

3.4.6. Construction Specifications 3.4.6.1. Timing

GIC3

FEMIANO ESTATES

LOTS 5 Thru 10,11 \$12

Plat Nos. 7496 \$ 9148

Zoned: RC

Esmy

SECTION ONE AREA THREE

A dry well shall not be constructed or placed in service until all of the northuring drainage area has been stabilized and approved by the responsible

3.4.6.2. Dry Well Preparation Excavate the dry will to the design dimensions. Excavated materials shall be placed away from the excavated sides to enhance wall stability. Large tree roots shall be triemed fush with the sides in order to prevent fabric puncturing or tearing during subsequent installation procedures. The side walls of the dry well shall be roughened where sheared and sealed by heavy

3.4.6.3. Yabric Laydown The filter fabric roll shall be cut to the proper width prior to

3.4.6.5. Overlapping and Covering

Care shall be exercised to prevent natural or fill soits from intermixing with the drainage aggregate. All contaminated aggregate shall be removed and replaced with uncontaminated aggregate.

3.4.6.7. Voids Behind Fabric Voids can be created between the fabric and excavation sides and should be avoided. Removing boulders or other obstacles from the trench walls in one source of such voids. Natural soils should be placed in these voids at the

most convenient time during construction to ensure fabric conformity to the excavation sides. Soil piping, fabric clogging, and possible surface subsidence will be avoided by this remedial process. 3.4.6.8. Unstable Excavation Sides

Vertically excavated trench walls may be difficult to maintain in pressure the soil moisture is high or where soft cohesive or cohesionless soils predominate. These conditions may require laying back of the bide slopes to maintain stability; traperoidal rather than rectangular cross sections may

3.4.6.9. Foundation Protection Dry wells 3 or more feet deep shall be located at least 10 feet down gradient from foundation walls.

3.4.6.10. Observation Well . An observation well, as described in subsection 3.4.4.8 and Figure 3-5, will be provided. The depth of the well, at the time of installation, will be clearly marked on the well cap.

Dry wells shall be designed to minimize maintenance. However, it is recognized that all infiltration facilities are subject to clogging by sediment, oil, grease, grit and other debris. In addition, the performance and longevity of these structures is not vell documented. Consequently, a monitoring observation well is required for all infiltration structures.

The observation well should be monitored periodically. For the first year after completion of construction, the well should be monitored on a quarterly basis and after every large storm. It is recommended that a log book be maintained indicating the rate at which the facility dawners after large storms and the depth of the well for each observation. Once the performance characteristics of the structure have been verified, the monitoring schedule can be reduced to an ennual basis, unless the performance data indicate that a more frequent schedule is required.

3.4.8. References Becker, B.C., H.L. Clar, and R.R. Kautzman, Approaches to Stormwater Management, prepared by Hittman Associates, Inc. for the Office of Water Resources Research, USDI, November, 1973.

- Sullivan, R.H., editor, Urban Stormwater Hanagament, Special Report No. 49, American Public Works Association, Chicago, Illinoia, 1981.
- Anonymous, Controlling Stormwater Runoff in Developing Areas: Selected Bast Management Practices, Metropolitan Washington Council of Covernments July, 1979. Design Guidelines for Subsurface Drainege Structures, HIRAFI, Inc., P.O. Box 240967, Cheriotte, MC 28224.
- NOTE: All dry wells to be privately maintained by the lot owner.

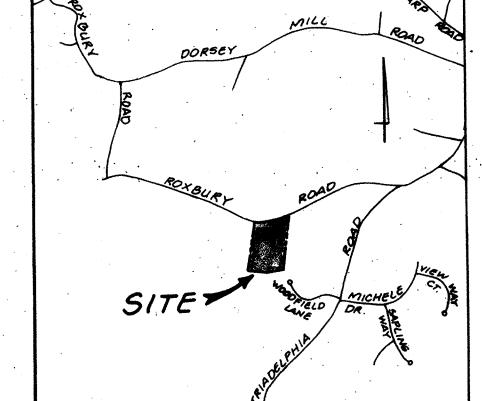
DEVELOPER'S | BUILDER'S CERTIFICATE

We 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 We

further certify that upon completion a Certificate of Landscape Installation, accompanied by an executed one

of Planning and Zoning.

year guarantee of plant materials, will be submitted to



VICINITY MAP Scale: 1"= 2000'

GENERAL NOTES:

- 1. EXISTING ZONING: RC (RURAL CONSERVATION) PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- 2. DEED REFERENCE: LIBER 3941 FOLIO 554
- 3. TOTAL AREA OF PROPERTY: 19.91 Ac. ±
- 4. THE LOTS SHOWN COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT
- 5. THE TOPOGRAPHY SHOWN IS COMPILED FROM THE HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
- G. ALL PERCOLATION TESTS HAVE BEEN FIELD LOCATED. ALL WELLS AND SEPTIC SYSTEMS HAVE BEEN SHOWN WITHIN 100 FEET OF THE PROPERTY BOUNDARY WHICH MAY IMPACT THE PROPOSED SUBDIVISION.
- 7. ALL PROPOSED WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT APPROVAL

FROSTY PINES Dry Well Design

Typical Dry Well Design

1.) Average House Size = 40' x 60' = 2,400 SF 2.) Average Driveway Size = $20' \times 30' = 600 \text{ SF}$

3,000 SF IMPERVIOUS

Dry Well = 1/2" x Impervious Area

- = .0416667' x Impervious Area $= .0416667 \times 3.000 \text{ SF}$ = 125 cu.ft. +/-
- = 125 cu.ft. / .40 Void RatioZ = 312 cu.ft.

Use 1 Dry Well

Use 2 Dry Wells

 $9' \times 9' \times 4' = 324$ cu.ft. 9' wide x 9' long x 4' deep

6.5' x 6.5' x 4' = 169 cu.ft 6.5' wide x 6.5' long x 4' deep



4/99

DENNIS J. LABARE, M.S., & ASSOCIATES Environmental Consulting Services 8903 Flagstone Circle Randallstown, MD 21133

 Wetland Delineations & Mitigation • Stream Assessment & Restoration * Water Quality Monitoring • Forest Stand Delineations

Ph/Fax (410) 922-7476

LDE, INC. 9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax) LANDSCAPING/FOREST CONSERVATION PLAN 1"=100

DESIGNED BOB FROSTY PINES LOT Nos. 1,2 and PARCEL A DRAWING 1 of 2 TAX MAP NO. 21 BLOCK 22 PARCEL No. 58 STB 4th ELECTION DISTRICT JOB NO. CHECKED HOWARD COUNTY, MARYLAND 98-039 BOB

Previous Submittals F99 - 188 FILE NO. Owner/Developer PHENE ZIMMERMAN

14777 Roxbury Road Glenelg, MD 21737

F00-140

F00-140

TREE PLANTING NOTES

Notify "Miss Utility" 72 hours prior to installation of all plant 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 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 pi 4.5 to 5.5, free of woody 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

Maintain the site in an orderly manner. Streets and sidewalks shall be swept clean. All rejected or dead materials 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 quarantee period. Maintenance consist of pruning, watering, weeding, re-mulching, resetting

plants to proper grades as needed and repairing guys and stakes as needed

AFFORESTATION PLANTING NOTES

Forest Stand Delineation and the Preliminary Forest Conservation Plan prepared by Dennis LaBare, MS LLC (SP 98-06).
Written Documentation including afforestation location, construction protection and management, cost estimate, plant densities, etc., prepared by Dennis LaBare, MS LLC (SP 98–06).

Construction Protection and Management Upon completion of the rough grading of the afforestation areas, a protective fence and signs will be installed. Adjacent landowners will be informed about the existence and importance

of these areas. Post Construction Protection After completion and approval of planting, the protective fence shall remain only if construction endangers the viability of the newly planted area. Signs will be removed after the two year maintenance period as directed by the Howard County Forest

Conservation Manual All planting to meet the implementation techniques and practices as described in the Howard County Forest Conservation Manual.

There are existing trees on the site. The hardwood container grown stock should be planted randomly at an average of eleven feet on center in a naturalized pattern. Species should be mixed with no less than three trees of one species in a group. Edge species should be planted on the perimeter of the afforestation

area (Amelanchier, Cercis, and Viburnum). Evergreen seedlings should be planted randomly at an average of eight feet on center in a naturalized pattern. The Landscape Contractor will be responsible for general site preparation of the rough graded afforestation areas. The planting areas should be

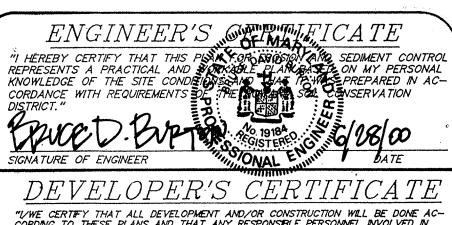
treated by incorporating natural mulch into the top twelve inches of soil. The Contractor will provide needed soil amendments as determined by a soil analysis. Amendments should be natural materials such as organic mulch or leaf mold compost. All disturbed areas within the afforestation area to be seeded with K-31 Tall Fescue, March 1 thru April 30 and August 1 thru October 15, seed with 60 lbs./acre; May 1 thru July 31 use 60 lbs./acre K-31 and 2 Ibs/acre of weeping lovegrass; October 16 thru February 28 use 60 lbs./

seed in the spring. Seeded areas to be hand mulched with 1-1/2 to 2 tons per acre of unrotted small grain straw and non-asphaltic tackifier and left unmowed. The Landscape Architect will inspect the planting at the end of the construction period and provide to the County a certification that all

acre K-31 and mulch with 2 tons/acre well anchored straw or mulch and

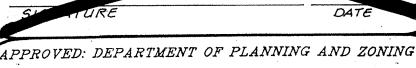
The Landscape Contractor shall be responsible for management of afforestation areas for a period of two years, including needed watering, removal of dead or damaged material and control of undesirable species, fertilizing if necessary and control of pests, and replacement of plant material as described in the Howard County Forest Conservation Manual. All inspections as required by the Forest Conservation Manual shall be performed by the Landscape Architect.

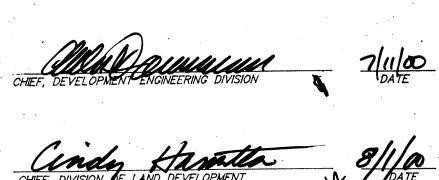
plantings have been installed and that all protection devices are in

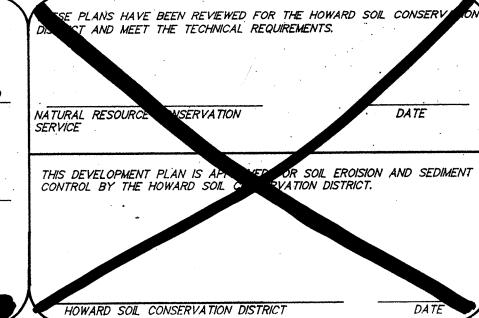


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D COUNTY DEPARTMENT







AFFORESTATION - PLANTING SPECIFICATIONS AND NOTES

GENERAL NOTES This re/af-forestation planting plan is provided in accordance with the requirements set forth by the Forest Conservation Act/Bill/Ordinance of Howard County. The preparation of these plan(s), the notes and details incident thereto were prepared using the guidelines of the Howard County Forest Conservation Manual, the State of Maryland's Forest Conservation Manual, as well as sound professional forestry, arborist, and nurseryman práctice.

This plan and shall be implemented by a contractor that is knowledgeable and experienced in the methods set forth herein. The survival fate of the plantings shall be 75% of the total number of plantings per acre as provided by this plan.
Base sheet information was provided by LDE, Inc.

QUALITY ASSURANCE

Names of plant material listed conform generally with names accepted by the nursery trade. The contractor is to provide stock true to botanical/ Material shall be grown and delivered so as to be that specified herein. If specified material is not available or there are other technical, logistical, financial imperatives that shall necessitate the substitution

of plant materials, the contractor shall contact the plan preparer for

SITE PREPARATION AND SOILS

Disturbance of soils should be limited to the Planting Field for each plant unless the area has been prepared with/for soil amendments and/or

permission to use equivalent material.

broadcast seeding for goundcovers, etc. Soil amendments should be considered for any site only after careful analysis of existing conditions. Soil samples should be analyzed by a qualified soils lab to determine the need for any amendments. Results of the soil analysis should be provided to the landscaping contractor and/or the local County Co-operative Extension Agent or interpretation in the context of the intended plantings. Their recommendations should be followed closely. In the case of highly compacted sites that need only soil aeration or loosening treatment, a mixture of 25% leaf mold and 25% manure, the remainder being landscape topsoil, may be added. This mixture should be applied at the rate of one cubic yard per 165 square feet of area. Till deeply taking care not to bring subsoils to the surface. Amendments should be tilled in after the initial tilling. This method is particularly suitable when broadcast seeding or perennial beds are involved. Soil mix for ericaceous material: Native topsoil into which the contractor shall thoroughly incorporate 25% by volume peat moss and 25% leaf mold may be mixed into soil.

PLANT STORAGE AND INSPECTION

1.) For container grown nursery stock, planting should occur within two weeks after delivery to site.

Planting stock should be inspected prior to planting. Plants not conforming to standard nurseryman specifications for size, form, and vigor, roots, trunk wounds, insects and disease should be replaced. Container stock, if not planted within two weeks, may be banked up with mulch and watered every other day or as needed until planting. Bare root stock may NOT be delivered and left on—site prior to planting.

SEASONAL PLANTING LIMITATIONS

1.) Planting activities shall conform with established nureryman's practice and approximate the growing season for the geographic area. Planting of bare-root stock after March 15 should be avoided unless seasonal progression is measurably retarded by observable temperature or weather patterns and stock has been kept appropriately dormant through proper

Planting shall not take place in sub-freezing temperatures, when the ground is frozen, or when the soil is too wet or dry or otherwise a condition not generally accepted as satisfactory for planting and may adversely affect plant materials

PLANT INSTALLATION

Container grown stock should be removed from the container and roots gently loosened from the soil. If the roots encircle the root ball, substitution is strongly recommended. J—shaped or kinked root systems should also be noted. ROOTS MAY NOT BE TRIMMED ON SITE, due to the increased chances of soil borne diseases.

Bare root stock should be unwrapped on-site only when ready to plant then held in water. When handled for planting, stock shall be immediately dipped in Super-sorb or equivalent water-holding polymer prepared with water as a slurry per manufacturer's specification Roots must be thoroughly coated upon withdrawal from slurry. Plant stock immediately after dipping. If not planted immediately, wrap in

burlap. Roots are not to be exposed to air. For trees planted in the afforestation area, contractor shall evenly disperse species in groups of two to four per species over the entire designated area to be planted or on random center spacing by species as

dictated by planting density.

Avoid planting in a straight grid pattern. Trees shall be planted on an average spacing of ten feet O.C., randomly.

As shown on the detail view, a Planting Field diameter of two — three times the diameter of the root ball or container is recommended. The depth of the hole should be no more than 1 — 1.5 times the length of the root mass. The hole should be established with an auger. If the walls of the hole should glaze due to auger rotation, they can be scored with a spade or the auger may be "wiggled" upon withdrawal to assure no glazing occurs. Additionally, there will be loose earth in the bottom of any hole. This should be lightly tamped with the foot to keep the planting unit from settling too much. Native stockpiled soils should be used to backfill Planting Field except where soil amendments are site-wide and specific. After plant placement

in hole, move stock around in hole to allow settling of initial fill to

avoid air pockets. Finish filling hole and use water to further settle soil backfilled around trees. Mulch with composted wood chips (>1 year composting). Mulch should be 3" deep and extend to limits of augured hole. This should keep weeds down for about one year. Newly planted trees may need watering as much as once a week for the entire growing season on well drained sites combined with the looseness of the backfilled, newly amended soil within the Planting Field. The next two years may require watering only a few times a year during summer and dry months. After that period, trees should only need water in severe droughts. Any watering plan should compensate for recent

Do not fertilize newly planted trees within the first growing season after planting. Doing so may cause a spurt of canopy growth which the roots cannot support and add additional shock to the already disturbed plant. Fertilize by sidecasting after one year, if desirable. If and when it is time to fertilize, organic fertilizers are preferred to synthetic fertilizers. Bone meal or seaweed-based products are available commercially and are recommended. They have the ability to supply nutrients to the plant as needed while minimizing the risk of excess nutrients entering the forest system and water supply.

All tags, labels, string, wire, etc., shall be removed from plant The landscape contractor is responsible for the location of all existing underground utilities such that the repair of utilities damaged during planting shall be the landscape contractor's expense.

AFFORESTATION PLANT LIST SIZE REMARKS SPECIES Common Chokecherry B & B Prunus Virginiana 1" Cal. Eastern Red Cedar Juniperus virginiana B & B Red Maple 1" Cal B & B Acer rubrum 20 .1" Cal B & B Sassafras albidum Maple Leaf Viburnum liburnum acerifolium 1" Cal. *B & B*

Planting Schedule/Time Frame

Planting shall occur after construction activities have ceased. If the planting stock is to be bare root material, it shall be planted no earlier than immediately after the first frost and no later than March 15. Container stock may be planted at any time and if such stock is chosen, planting shall be accomplished by the end of the first growing season after completion of

Binding Maintenance Agreement/Schedule

Annual maintenance during the growing season, for a period of two years. These tasks are the responsibility of the owner or individual to whom ownership has been conveyed or who has legally accepted responsibility for these tasks. Management may include the following: watering, fertilizing, pruning, removal of dead material and the control of pests

and competing vegetation.
Schedule: Year 1: 3 times (March—April), (July—August), (October—
November). Year 2; Twice annually (April—May), (September—October). At
the end of the time period specified in item #1 above, there shall be 75% survival of the total number of trees planted. If the survival rate is determined to have fallen below 75%, material identical to that not surviving shall be planted as replacement. Assess tree mortality of planting stock, remove and replace any dead or

diseased plantings. Volunteer seeding of native, local and endemic vegetation is to be expected. Do not discourage this effort unless it is negatively effecting the planted stock.

Remove through manual means (grubbing, pulling, cutting) aggressive, noxious, invasive species herbaceous and otherwise, if deemed necessary. Twice annual mowing/brushhogging and spot treatment with Rodeo or Roundup is one of the most effective means to control exotic/invasive species. No mowing shall occur during the wildlife nesting period of

early April through mid—July.
Remove and dispose of man—made trash. Do not remove down and dead material naturally occurring or accumulating, unless it is smothering planting stock.

Certification of survival as required shall be completed by a licensed forester, licensed landscape architect or other qualified professional per COMAR and submitted to Howard County Planning and Zoning personnel. Release of bond or other security shall occur at this time.



ACRES

(1/10 acre)

1.	BASIC SITE DATA	
٠.	GROSS SITE AREA	19.3
	AREA WITHIN 100 YEAR FLOODPLAIN	. N/A
* •	AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL (IF APPLICABLE)	16.5
•	NET TRACT AREA	2.75
	LAND USE CATEGORY (R-RLD, R-RMD,R-S, C/I/O, I) RR	
Н.	INFORMATION FOR CALCULATIONS	
Α. ·	NET TRACT AREA	2.75
B.	REFORESTAT ION THRESHOLD (25 % x A)	0.7
	AFFORESTATION MINIMUM (20 % x A)	0.59
	EXISTING FOREST ON NET TRACT AREA	0.0
Б.	FOREST AREAS TO BE CLEARED	0.0
F.	FOREST AREAS TO BE RETAINED	0.0
• •	,	
V.	AFFORESTATION CALCULATIONS	
	A NET TRACT AREA	2.79
	C. AFFORESTATION MINIMUM (20% X A)	0.5
	D: EXISTING FOREST ON NET TRACT AREA	0.0
	E. FOREST AREAS TO BE CLEARED	0.0
	F. FOREST AREAS TO BE RETAINED	0.0
	Select the alternative that applies:	

No clearing below the Minimum

1. 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 Afforestation planting on site using the Landscape option. The Forest Conservation Easement shown on

this plat for O.G Acres and surety amount of \$6,569.00 is for development of Lot 1 and 2 only. The obligation for Parcel "A" will be met upon subdivision of that 16.5049 Acres.

2. This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and Landscape Manual. Landscape surety of \$9,000.00 shall be posted prior to issuance of the Grading Permit.

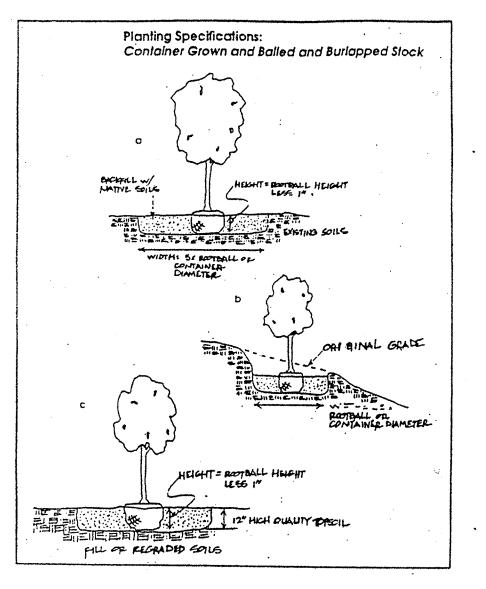
If existing forests are less than the afforestation minimum (if D is less than C) and no clearing is proposed, the following calculations apply:

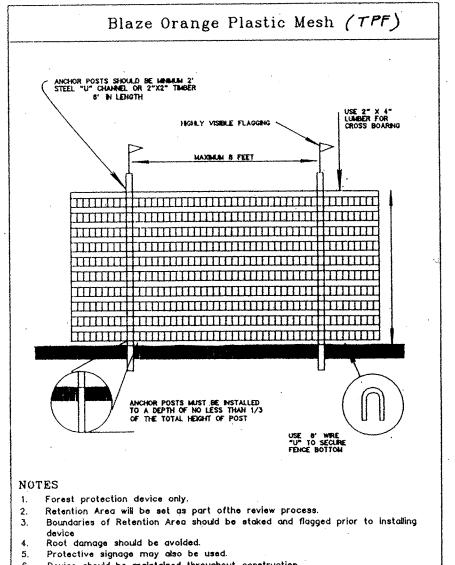
TOTAL AFFORESTATION REQUIRED

0.6 TOTAL AFFORESTATION FROVIDED: Afforestation must make total forest area equal the minimum required

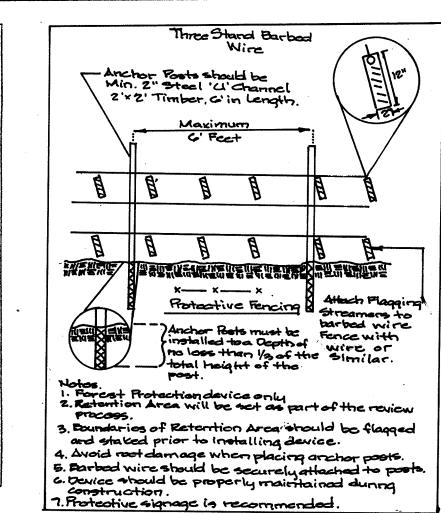
Staked Tree Specification DOUBLE STRAND NO.12 GAUGE - WIRE-TWISTED. 0 SEE DETAIL -DETAIL Enginemememememememememe SOIL MIX BACKFILL - USE NATIVE SOIL MIX

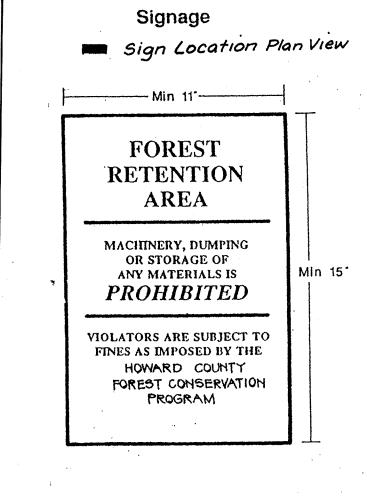
Staking of trees may be used only when transplanting in areas of high what for trees larger than eight feet in height. Stakes and wires should be removed after the first growing season.



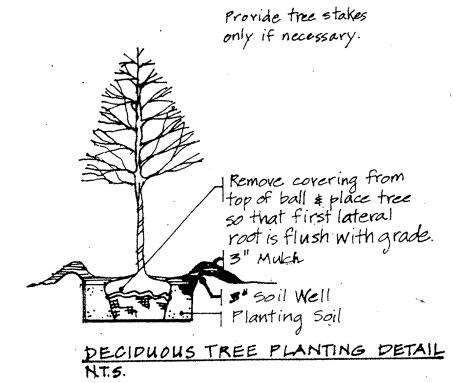


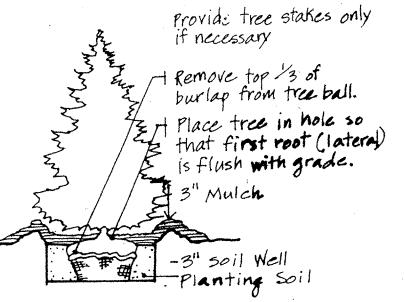
Device should be maintained throughout construction. WOODLAND CONSERVATION MANUAL EXHIBIT K - 8 PRINCE GROEGES COUNTY, MD





TREE PLANTING DETAILS





EVERGREEN TREE PLANTING DETAIL

DEVELOPER'S BUILDER'S CERTIFICATE

We 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. We further certify that upon completion a Certificate Landscape Installation, accompanied by an executed one year quarantee of plant materials, will be submitted to the Department of Planning and Zoning.



DENNIS FLABARE, M.S., & ASSOCIATES vironmental Consulting Services 8903 Plagstone Circle Randallstown, MD 21133 Weiland Delineations & Mitigation * Stream Assessment & Restoration * Water Quality Monitoring Macroinvertebrate Taxonomy Qualified Professional, MDFCA . Forest Stand Delineations * Forest Conservation Plans Ph/Fax (410) 922-7476

	OTAL:	26,698	5.F.	White the way	112	
2. AFFORESTATION W	1" CAL. PLANTS (200 / AC.)	21,898	100	<u> </u>	100	
I. LANDSCAPE OPTION OF PER 10,000 S.F. (12 TR		4800			12	
AFFORESTATION CONSERVATION TECHN		AREA/ 3.F.	PLANTS	REQ'D. PLA	INTS SHOW	VN

provides a total of 4800 SF or 18% of the aftorestation requirement for this project.

LDE, INC. 9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (301) 596-3424 (410) 715-9540 (Fax) (410) 715-1070 LANDSCAPING / FOREST CONSERVATION DETAILS AND SPECIFICATIONS 1"=100 BOB FROSTY PINES LOT NOS. 1, 2 and PARCEL'A' DRAWN TAX MAP NO.21 BLOCK 22 PARCEL NO. 58 STB 4th ELECTION DISTRICT JOB NO. CHECKED HOWARD COUNTY, MARYLAND 98-039 Previous Submittals: F99-188 FILE NO. Owner/Developer PHENE ZIMMERMAN FOO-140 14777 Roxbury Road Gleneig, MD 21737