

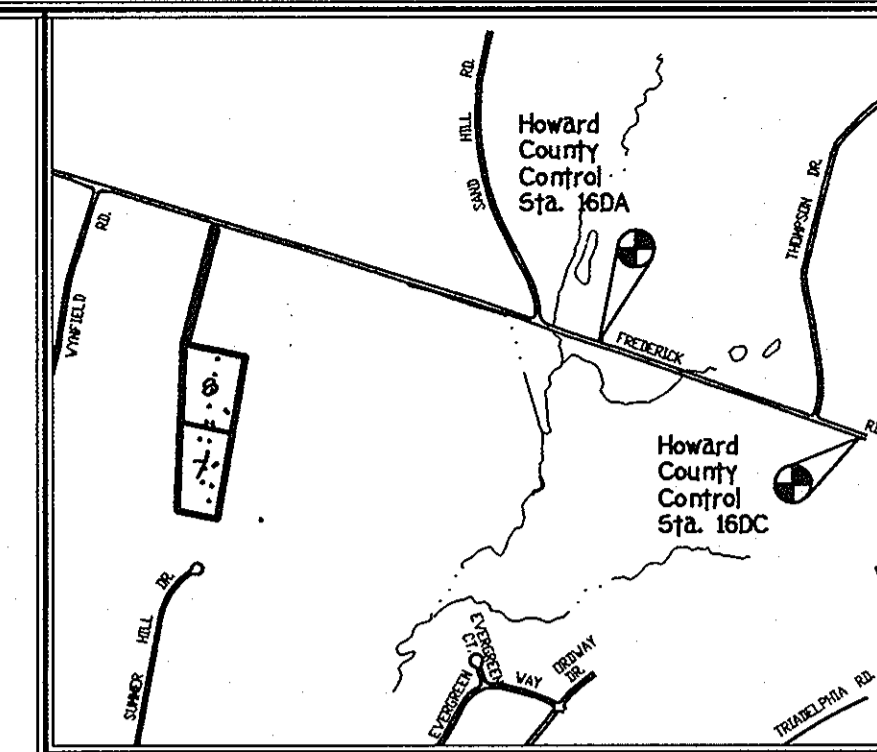
FCP NOTES

- ANY FOREST CONSERVATION EASEMENT (FCE) AREA SHOWN HEREON IS SUBJECT TO PROTECTIVE COVENANTS WHICH MAY BE FOUND IN THE LAND RECORDS OF HOWARD COUNTY WHICH RESTRICT THE DISTURBANCE AND USE OF THESE AREAS.
- THE FOREST CONSERVATION EASEMENTS HAVE BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE, FOREST CONSERVATION ACT. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENTS, HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
- FORESTED AREAS OCCURRING OUTSIDE OF THE FCE SHALL NOT BE CONSIDERED PART OF THE FCE AND SHALL NOT BE SUBJECT TO PROTECTIVE LAND COVENANTS.
- LIMITS OF DISTURBANCE SHALL BE RESTRICTED TO AREAS OUTSIDE THE LIMIT OF TEMPORARY FENCING OR THE FCE BOUNDARY, WHICHEVER IS GREATER.
- THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST CONSERVATION EASEMENT, EXCEPT AS PERMITTED BY HOWARD COUNTY DPZ.
- NO STOCKPILES, PARKING AREAS, EQUIPMENT CLEANING AREAS, ETC. SHALL OCCUR WITHIN AREAS DESIGNATED AS FOREST CONSERVATION EASEMENTS.
- TEMPORARY FENCING SHALL BE USED TO PROTECT FOREST RESOURCES DURING CONSTRUCTION. THE FENCING SHALL BE PLACED ALONG ALL FCE BOUNDARIES WHICH OCCUR WITHIN 15 FEET OF THE PROPOSED LIMITS OF DISTURBANCE.
- PERMANENT SIGNAGE SHALL BE PLACED 50' - 100' APART ALONG BOUNDARIES OF ALL AREAS INCLUDED IN FOREST CONSERVATION EASEMENTS.

Pipesystem Tabulation			
Lot No.	Gross Area	Pipesystem Area	Remaining Area
7	174,619 Sq.Ft.*	15,564 Sq.Ft.*	159,055 Sq.Ft.*
8	100,670 Sq.Ft.*	9,364 Sq.Ft.*	171,306 Sq.Ft.*

SOILS LEGEND		
SOIL	NAME	CLASS
MgC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
GIC2	Glenelig loam, 8 to 15 percent slopes, moderately eroded	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
CgB2	Chester gravelly silt loam, 3 to 8 percent slopes, moderately eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



Vicinity Map
Scale: 1"=1200'

**Hebb Property Lots 7 & 8
Forest Conservation Restoration Plan**

This Forest Conservation Restoration plan has been prepared to address a grading violation and unauthorized activity within the Forest Conservation Easement on Lots 7 & 8 of the Hebb Property (F-96-63). The planting area has been determined by survey of the total area of disturbance, 0.5266 acres, minus the area to be retained in the future well easements for each lot (4,850 sq/ft +/-).

In addition, 4,791.6 sq. ft. of existing forest that had not been previously part of the Forest Conservation Easement shall be added to the FCE as part of the mitigation obligations for the enforcement action.

PLANTING SCHEDULE

Restoration Area - 18,089 sq.ft.
 Planting units Required: 290
 Planting units Proposed: 290

Qty	Species	Size	Spacing	Total FCA Units
25	Acer rubrum - Red maple	2-3' whip	11' o.c. **	
15	Cornus florida - Flowering dogwood	2-3' whip	11' o.c.	
30	Liriodendron tulipifera - Tulip poplar	2-3' whip	11' o.c.	
40	Viburnum prunifolium - Blackhaw	2-3' whip	11' o.c.	
20	Lindera benzoin - Spice Bush	2-3' whip	11' o.c.	
145	Total whip plantings - (FCA Unit Credit = # whips * 2)			290
				Total Unit Credit 290

Planting Note:
 Prior to planting, brush and debris within and adjacent to the impacted area should be removed from the Forest Conservation Easement. This material should be properly disposed of outside any conservation easements.
 The plantings should be installed in a random pattern within the area of disturbance at the spacing defined. Some variation to spacing may be performed to mimic natural site conditions.

Planting/Soil Specifications

- Installation of bareroot plant stock shall take place between March 15 - April 20; b&b/container stock March 15 - May 30 or September 15 - November 15. Fall planting of B&B stock is not recommended.
- Disturbed areas shall be seeded and stabilized as per general construction plan for project. Planting areas not impacted by site grading shall have no additional topsoil installed.
- Bareroot plants shall be installed so that the top of root mass is level with the top of existing grade. Roots shall be dipped in an anti-desiccant gel prior to planting. Backfill in the planting pit shall consist of 3 parts existing soil to 1 part pine fines or equivalent.
- Fertilizer shall consist of Agriform 22-8-2, or equivalent, applied as per manufacturer's specifications, for woody plants. Herbaceous plants shall be fertilized with Osmocote 8-6-12.
- Plant material shall be transported to the site in a tarp or covered truck. Plants shall be kept moist prior to planting.
- All non-organic debris associated with the planting operation shall be removed from the site by the contractor.

Sequence of Construction

- Sediment control shall be installed in accordance with general construction plan for site.
- Plants shall be installed as per Plant Schedule and the Planting/Soil Specifications for the project.
- Upon completion of the planting, signage shall be installed as shown.
- Plantings shall be maintained and guaranteed in accordance with the Maintenance and Guarantee requirements for project.

Maintenance of Plantings

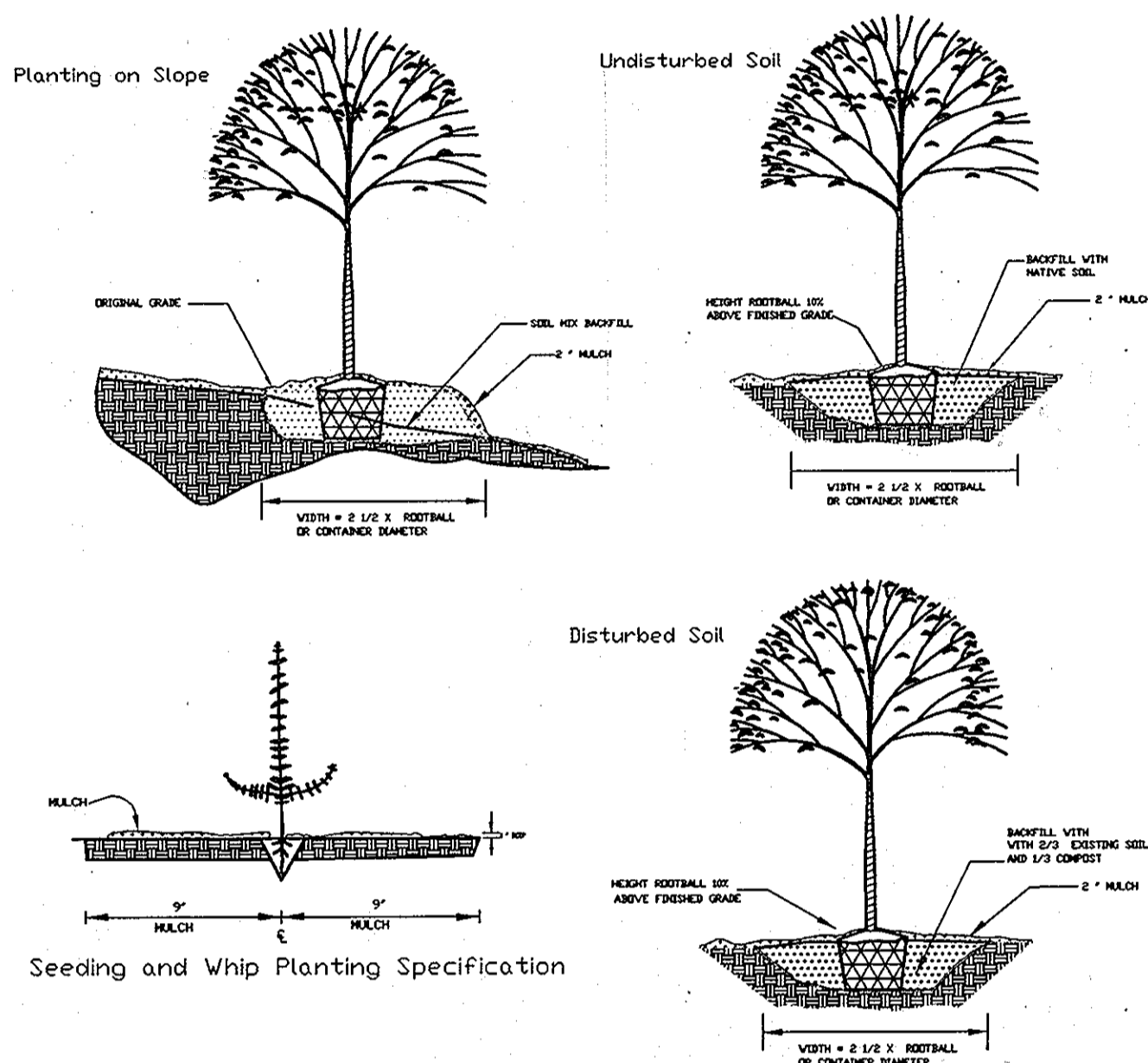
- Maintenance of plantings shall last for a period of (3) years.
- Plantings must receive 2 gallons of water, either through precipitation or watering, weekly during the 1st growing season, as needed. During second growing season, once a month during May-September, if needed.
- Invasive exotics and noxious weeds will be removed, as required, from planting areas mechanically and/or with limited herbicide application (see groundcover note where appropriate). Old field successional species will be retained.
- Plants will be examined a minimum two times during the growing season for serious plant pests and diseases. Serious problems will be treated with the appropriate agent.
- Dead branches will be pruned from plantings.

Guarantee Requirements

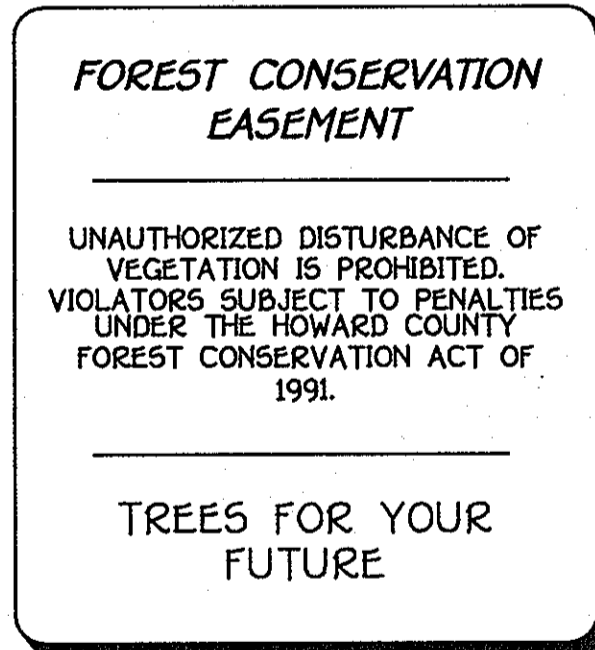
- A 75 percent survival rate of forestation plantings will be required at the end of 3 growing seasons. All plant material below the 75 percent threshold will be replaced at the beginning of the next growing season. Wild trees arising from natural regeneration may be counted up to 50 percent towards the total survival number if they are healthy, native species at least 12 inches tall.

Surety for Forestation

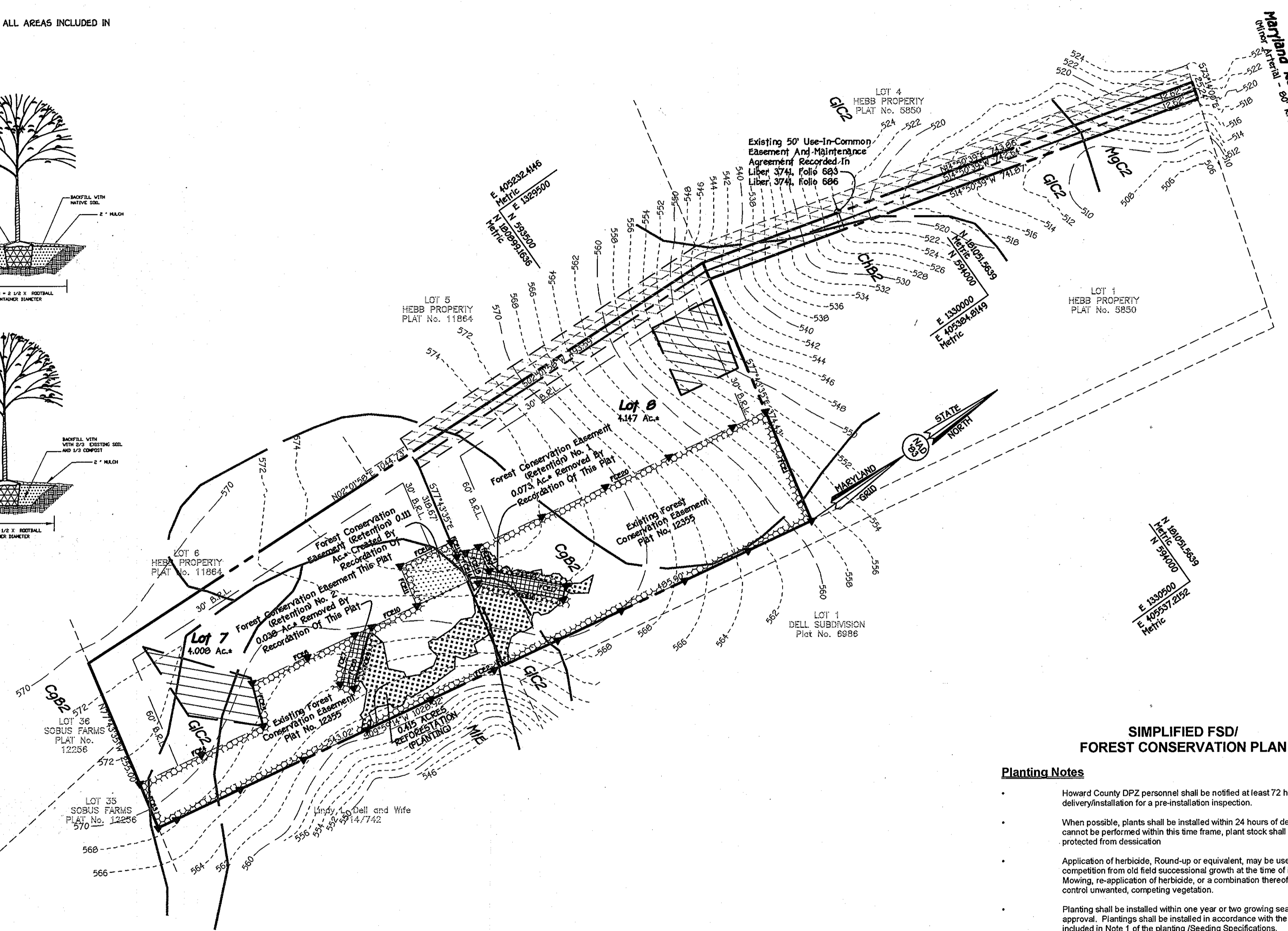
The developer shall post a surety bond, letter of credit to ensure that forestation plantings are completed. The total surety is the amount of \$10,000.00 (petition of 0.11 acres or 4,791.60 Sq. Ft. X \$60.00/Sq. Ft. = \$658.32 And Planting Of 0.4152 Acres Or 18,089 Sq. Ft. X \$50.50/Sq. Ft. = \$9044.50).



ON-SITE SIGNAGE



▲ DENOTES FOREST CONSERVATION SIGNAGE



**SIMPLIFIED FSD/
FOREST CONSERVATION PLAN**

Planting Notes

- Howard County DPZ personnel shall be notified at least 72 hours prior to plant delivery/installation for a pre-installation inspection.
- When possible, plants shall be installed within 24 hours of delivery. If installation cannot be performed within this time frame, plant stock shall be watered and protected from desiccation.
- Application of herbicide, Round-up or equivalent, may be used to reduce plant competition from old field successional growth at the time of installation. Mowing, re-application of herbicide, or a combination thereof, may be used to control unwanted, competing vegetation.
- Planting shall be installed within one year or two growing seasons of subdivision approval. Plantings shall be installed in accordance with the time schedule included in Note 1 of the planting/Seeding Specifications.

Revised Forest Conservation Easement Tabulation

Line	Bearing And Distance
FC01	S77°43'30"E 104.13
FC02	S09°39'30"W 1226.96
FC03	N77°43'30"E 68.02
FC04	N09°39'30"E 194.35
FC05	N89°02'40"W 63.15
FC06	N09°39'30"E 58.69
FC07	S30°30'07"E 73.60
FC08	N51°29'38"E 20.00
FC09	N30°30'07"E 52.38
FC10	N09°39'30"E 71.34
FC11	N77°43'30"E 61.26
FC12	N09°39'30"E 71.79
FC13	S77°43'30"E 22.23
FC14	N09°39'30"E 33.50
FC15	S77°43'30"E 45.59
FC16	N45°16'40"E 123.21
FC17	N33°43'20"E 20.00
FC18	S45°16'40"E 123.21
FC19	N77°43'30"E 37.12
FC20	N09°39'30"E 92.36

MD DNR Qualified Professional
 USACOE Wetland Delineator
 Certification: WDCP93MD06100448
 J.P.C.
 JOHN P. CANOLES

Eco-Science Professionals, Inc.
 CONSULTING ECOLOGISTS

Owners And Developers
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 Ellicott City, Maryland 21042-5124
 Enclave LLC
 c/o Mr. Stephen P. Griffin
 10079 Windstream Drive, Unit C
 Columbia, Maryland 21044-2946



APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Land Development
 Chief, Development Engineering Division

FOREST CONSERVATION PLAN

HEBB PROPERTY

Lots 7 And 8

(A Revision to Lots 7 And 8, Hebb Property - Plat No. 12395J)

Zoned: RR-DEO

Tax Map: 15 Parcel: 39 Grid: 18
 Third Election District
 Howard County, Maryland

Scale: 1" = 100'
 Date: JULY 27, 2005

F-05-147