

Native Grove Plants ; Scientists Cliffs

Number	Quantity	Plant
1	1	American Beech
2	1	Black Gum
3	2	Eastern Hophornbeam
4	1	Blackjack Oak
5	1	Chestnut Oak
6	1	Post Oak
7	1	Basswood
8	2	Downy Serviceberry
9	2	Shadbush Serviceberry
10	2	American Hornbeam
11	2	Eastern Redbud
12	1	Common Persimmon
13	2	Red Chokeberry
14	2	Black Chokeberry
15	3	American Beautyberry
16	1	Buttonbush
17	3	Sweet Pepperbush
18	2	Witch Hazel
19	3	Virginia Sweetspire
20	4	Northern Bayberry
21	2	Coast Azalea
22	2	Sweet Azalea
23	2	Pinxter Bloom
24	2	Swamp Azalea
25	2	Shining Sumac

Native Grove Plants, continued

Number	Quantity	Plant
26	3	Highbush Blueberry
27	2	Maple-leaved Arrowwood
28	2	Black Haw Viburnum
29	3	Wax Myrtle
30	2	Mountain Laurel
31	1	White Fringetree
32	2	High-tide bush (<i>Baccharis halimifolia</i>)
33	1	Sweetbay Magnolia

This planting will replace a large stand of Black Bamboo which we are eradicating. It will replace several large trees which were damaged by storms. It will feature a pathway through the trees. Under the trees we will install native woodland herbaceous perennials. A butterfly garden is also planned as an activity for our young people, and to support native butterflies such as the swallowtails and the Baltimore Checkerspot. The butterfly garden will feature plants for the larvae as well as nectar sources. Our committee will prepare detailed educational material telling about the history, folklore, medicinal uses and other interesting things about the plants. The grove will serve as a demonstration of how nice native plants can be in the landscape.

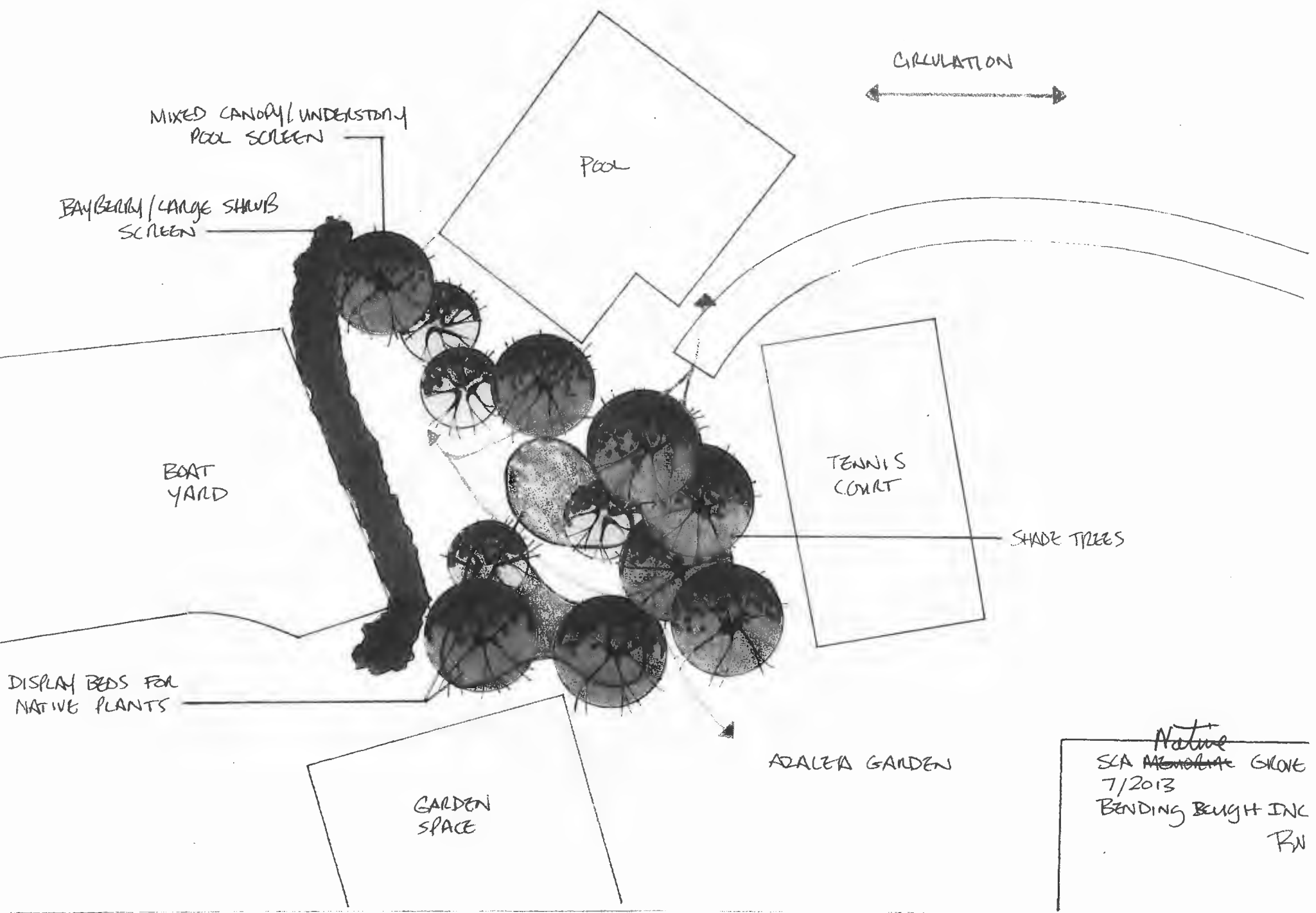
The grove also will use many shrubs to serve as a visual screen for our boatyard and provide shade for the pool. We plan to plant the screen three plants deep in a staggered planting. The screen will have an informal, natural look, with a wide variety of textures, with both deciduous and evergreen plants included. The native azaleas would be on the inside of the screen, so they would be viewed from the grove. The site already had volunteer Northern Bayberry, but sadly the heavy equipment needed to dig out the bamboo rhizomes will destroy these volunteers.

Scientists Cliffs - Area Part 3



Scientists Cliffs Assoc

Native Garden
 SCA Memorial Garden
 7/2013
 BENDING BUGH INC
 RW



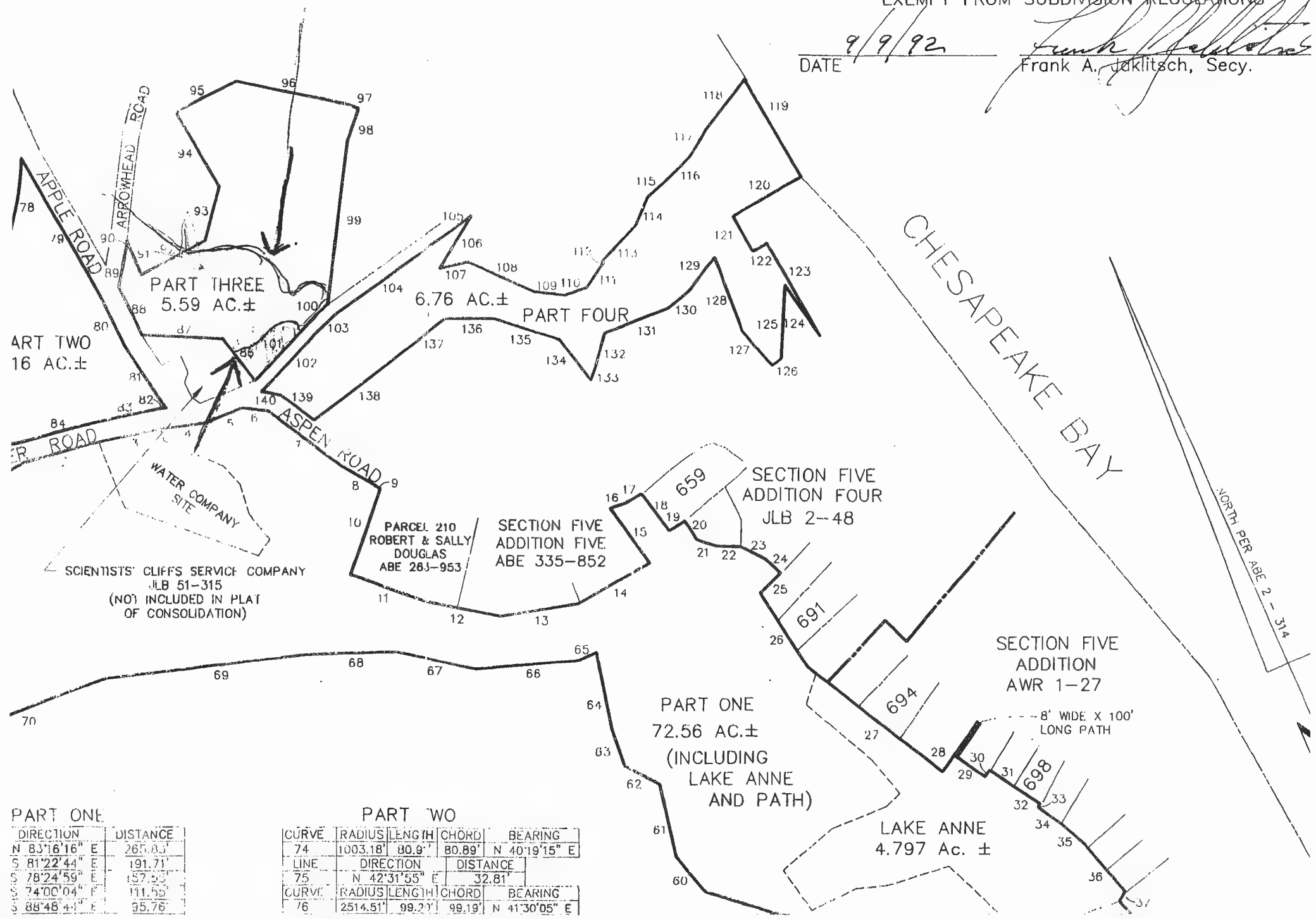
Native
 SCA MEMORIAL GROVE
 7/2013
 BENDING BUGH INC
 RW

Scientists Cliffs

APPROVED FOR RECORDING
EXEMPT FROM SUBDIVISION REGULATIONS

DATE 9/9/92

Frank A. Jaklitsch
Frank A. Jaklitsch, Secy.



PART ONE

DIRECTION	DISTANCE
N 83°16'16" E	265.03'
S 81°22'44" E	191.71'
S 78°24'59" E	157.53'
S 74°00'04" E	111.55'
S 88°48'41" E	95.76'

PART TWO

CURVE	RADIUS	LENGTH	CHORD	BEARING
74	1003.18'	80.9'	80.89'	N 40°19'15" E

LINE	DIRECTION	DISTANCE
75	N 42°31'55" E	32.81'

CURVE	RADIUS	LENGTH	CHORD	BEARING
76	2514.51'	99.27'	99.19'	N 41°30'05" E

--- 8' WIDE X 100' LONG PATH



Calvert County Critical Area Reforestation Program Overview “Free Trees in the Critical Area”

The Calvert County Critical Area Program, implemented in December 1988, requires the County to maintain 100% of existing forest cover within the Chesapeake Bay Critical Area (land within 1,000 feet of tidal waters). When maintenance or replacement of forest cover on site is not possible, a fee is collected to cover the cost of replacement on another tract within the critical area. These fees-in-lieu of replanting are held in the Critical Area Reforestation Fund and subsequently used to plant appropriate sites. The Critical Area Reforestation Evaluation (CARE) Committee reviews all applications for reforestation or tree planting using the Critical Area Reforestation Fund.

**** NOTE: This planting program cannot be used to meet the requirements for a permit application, for clearing, or to mitigate for a zoning violation.****

The reforestation application is for any critical area property owner who has an area on their property they would like to replant with trees to help the County maintain its 100% forest-cover goal.

1. Trees will be supplied and planted for all approved applications, absolutely free, in the following cases:
 - (a) For all sites greater than one acre.
 - (b) For sites smaller than one acre which require more than 10 sapling-sized trees.
 - (c) For sites smaller than one acre, which require less than 10 sapling-sized trees, the applicant will have to justify request.
2. Priority will be given to reforestation sites greater than one acre and sites within 100 feet of tidal water.
3. The following sizes of trees will be available:
 - (a) Tree seedlings -- seedlings are normally 18-24 inches tall, planted bare-root, and can be used for planting sites greater than 1 acre and planted on 10-ft. centers (430 seedlings per acre).
 - (b) Tree saplings-- saplings are normally 4-8 feet tall, planted with a balled and burlapped root-ball, typically used for planting sites smaller than one acre, and planted on 20-ft. centers.
 - (c) Shrubs – 3-gallon container and spaced 6-12 ft. on center.
4. Native tree and shrub species from the approved *Calvert County Native Plants* can be provided through this program. **Species availability varies from year to year.** Shrub species will be considered for up to 15 percent of total application request. Non-native species are discouraged. Invasive species are not allowed. The CARE committee must approve all applications.
5. Proposals will also be accepted for the following types of reforestation projects:
 - a) Projects that improve water quality or create, improve or restore fish, wildlife or plant habitat.
 - b) Education or public information activities that create awareness and understanding of the County Critical Area Program.
 - c) Urban Forestry
6. As every reforestation site is different, exceptions to these general requirements can be made if determined necessary by the CARE Committee. Complete the reforestation application and use additional sheets as required to explain your project.

CRITICAL AREA REFORESTATION APPLICATION

***** Deadline for submission is November 1, for Spring planting*****

**** Deadline for submission is May 1, for Fall planting ****

NAME _____ PHONE(H) _____

ADDRESS _____ PHONE(W) _____

CITY _____ STATE _____ ZIP _____

TAX MAP# _____ PARCEL # _____ LOT # _____

Please check the approximate size of your reforestation (planting) site –

NOTE: one (1) acre is an area approximately 200 feet x 200 feet, or 40,000 square feet:

- less than 0.5 acres
- less than 1 acre
- between 1 and 5 acres
- greater than 5 acres

Is your reforestation (planting) site:

- Within 100 feet of tidal waters (within the Critical Area Buffer)?
- Within 1,000 feet of tidal waters (within the Critical Area)?

*** (If outside of the Critical Area, your application will not qualify) ***

Is your reforestation (planting) site (check all that apply):

- Abandoned pasture/fields?
- Homesite lawn area?
- Community open space?
- Steeply sloping land?
- Adjacent to streams or wetlands?

Please indicate the **species** (type of tree) and **quantity** for each below.

Species	Quantity

On a separate sheet of paper, please draw an approximate map of your property and indicate the location of where you wish to plant your trees and the species of trees. **Each application is required to have a planting plan and cannot be considered for approval without one.** Changes can be made to these plans prior to planting time if necessary.

I agree to maintain all trees received and planted through this program for 10 years.

Signed _____ Date _____

Printed Name _____

Return Application Package in person to:
Department of Community Planning & Building ATTN: Critical Area Reforestation Planner
150 Main Street, 3rd floor
County Services Plaza
Prince Frederick, MD 20678

Critical Area Reforestation Process Overview

1. The property owner or authorized agent submits an application for ***Free Trees in the Critical Area*** to the Department of Community Planning & Building (CPB). Specify the species (type) of trees and shrubs and the quantity for each species.
2. **Attach a planting plan showing the planting location for each tree and shrub requested.** The application deadline is November 1st for a spring planting and May 1st for a fall planting.
3. The Critical Area Reforestation Evaluation (CARE) Committee meets to review and approve the applications (December for spring planting and June for fall planting).
4. After the CARE Committee approval is granted, the county advertises the project, solicits bids, and awards the contract (during a 2-3 month time period). Once the County advertises the project, the quantity and species of plants can't be changed by the applicant.
5. The Critical Area Reforestation Planner will notify each applicant approximately one (1) month before planting with a tentative planting time. The spring planting usually occurs in early May and the fall planting in mid-November.
6. Prior to planting time, the Reforestation Planner will deliver the flagging labeled with the trees and shrubs to be planted (~2-ft. in height & neon pink) to each site.
7. Prior to planting time, each property must be flagged by the applicant to identify the planting location for each tree and shrub as per the approved planting plan. If flagged plant locations vary from the planting plan, please notify the Reforestation Planner prior to planting date.
8. The contractor will notify each applicant as to planting day and time (at least 2-3 days prior to the date, subject to change).
9. The Reforestation Planner will inspect the plant material and installation for each site.
10. The County provides free plant material and installation (including mulch). The property owner is responsible for watering and maintaining the plants as instructed for at least ten (10) years.
11. Please contact the Critical Area Reforestation Planner with the Department of Community Planning and Building (410-535-1600, ext. 2502) with any questions.