

REFORESTATION DETAIL

LEGEND RED MAPLE

O PIN OAK

AMERICAN HOLLY ☐ SWEETGUM

RESTATION PLANT SCHEDULE

	CONDITION	QUANTITY/ACRE
RED MAPLE	WHIP	400 (20%)
RIS - PIN OAK	WHIP	600 (30%)
RACIFLUA - SWEETGUM	WHIP	600 (30%)
MERICAN HOLLY	WHIP	400 (20%)
		2000

alents per Acre, and that a Whip is the Equivalent to Two Seedlings, so that 500 Whips

<u>n Notes:</u>

be hand planted using random distribution of species and locations, at an ch calipers per acre, utilizing the "Dibble Planting Method". be graded for quality, especially root systems, before planting, and come from

Il provide for proper care of seedlings, including during transport, in storage, and wn by inspection within 30 days of planting to be improperly planted will be erly planted with new trees of the same type and specifications. If 20% or more approperly planted, the entire stand may be required to be replaced with new trees r the total cost of the trees and replanting repaid to the owner, at the owner s

contractor shall guarantee a minimum of 75% survival of the plants for 5 years ting. Plants will be field checked at least three times during the first year, with and control of undesirable vegetation if needed. Plants will be field checked two econd and third years with reinforcement planting if needed and control of tion if needed. Plants will be field checked one time during the fourth and fifth ement planting if needed. Records of survival to be maintained during the field forms will be sent to the client after each visit. (See Tee Condition Check Dead plants will be replaced to maintain at least 75% survival. Perimeter fencing

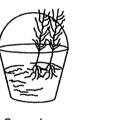
e removed after year 5 based on the date planted. Il locate all existing utilities prior to start of operations. adjust plant locations to avoid existing utilities and maintain existing plant locations to be approved by the County and/or Urban Forester. liable for damages caused to any utilities, including any repairs, at no additional

liable for damages he causes during planting to any fences, roads, paved paths, s on private or public property. ercent (25%) of Afforestation requirements met through the use of landscape Afforestation areas.

on/afforestation areas adjacent to lots, and split rail fencing along the outer tation/afforestation areas shall be installed prior to issuance of use and for the adjacent lots.

NDLING AND PLANTING OF SEEDLING(2)

SEEDLINGS IN THE FIELD



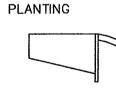
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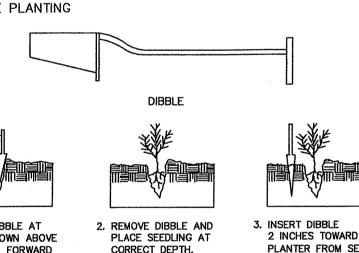
TO COVER ROOTS

IN HAND: ROOT DRY OUT

v out very quickly and, once dry ot usable even after moistening.

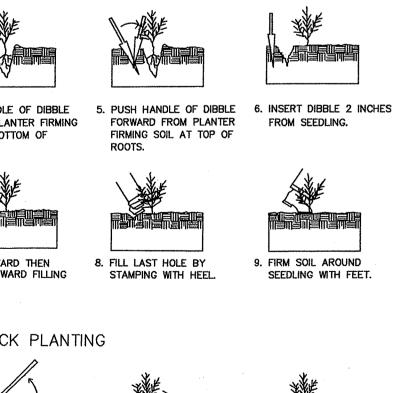
G PLANTING METHODS

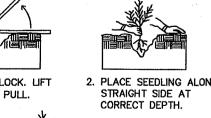




pted from the Maryland State FOREST CONSERVATION MANUAL

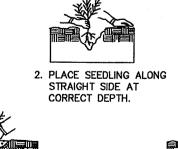
NDLING AND PLANTING OF SEEDLING(3)

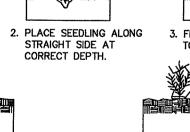


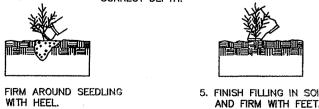


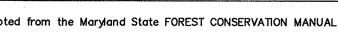
RECREATION CENTER)

REVISIONS









BY

SPECIFICATIONS FOR PLANTING

Plant Identification: All plants shall be properly marked for identification.

List of Plant Material

The Contractor will verify the plant quantities prior to bidding and any discrepancies shall be brought to the attention of the Landscape Architect. The Contractor shall furnish and plant all plants required to complete the work shown on the drawings. Substitution shall not be made without the written approval of the Landscape Architect. This Contract will be based on the bidder having verified prior to bidding, the availability of the required plant material as specified on the Plant Materials List.

Plant Quality

All shrubs shall be dense, heavy to the ground, and well grown, showing evidence of having been sheared regularly, and shall be sound, free of plant disease or insect eggs and shall have a healthy normal root system. Plants shall be freshly dug and not heeled-in stock, nor from cold storage. All plants shall be nursery grown (except as noted below). Plants shall not be pruned prior to delivery. The shape of the plant shall in general conform to its natural growth proportions unless otherwise specified. Trees shall conform to the branching, callber, and height specifications of the American Association of Nurserymen, and shall have a well-shaped, heavy branch structure for the species. Evergreen trees are to have an internode no greater than 18" and shall be uniformly well shaped. All plant sizes shall average at least the middle of the range given in the plant list.

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Soil mix will be 2/3 existing soil, 1/3 leafmold or equal organic material thoroughly mixed and homogenized.

Excavation

Holes for all plants shall be 18" larger in diameter than size of ball or container and shall have vertical sides. Hedges shall be planted in a trench 12' wider; beds for mass planting shall be entirely rototilled to a depth of 8" and shall be 18" beyond the average outside edge of plant

Planting

Backfilling shall be done with soil mix, reasonably free of stones, subsoil, clay lumps, stumps, roots, weeds, bermuda grass, litter, toxic substances, or any other material which may be harmful to plant growth, or hinder grading, planting, or maintenance operations. Should any unforeseen or unsuitable planting conditions arise, such as faulty soil drainage or chemical residues, they should be called to the attention of the Landscape Architect and Owner for adjustment before planting. The plant shall be set plumb and straight, and shall be staked at the time of planting. Backfill shall be well worked about the roots and settled by watering. Plants will be planted higher than surrounding grade. Shrubs will be 1" higher and trees will be 3" higher.

Cultivation

All trenches and shrub beds shall be cultivated, edged and mulched to a depth of 3" with fine shredded hardwood bark. The area around isolated plants shall be mulched to at least a 6' greater diameter than that of the hole. Plant beds adjacent to buildings shall be mulched to the building wall.

The Contractor shall be responsible during the contract and up to the time of acceptance, for keeping the planting and work incidental thereto in good conditions, by replanting, plant replacement, watering, weeding, cultivating, pruning and spraying, restaking and cleaning up and by performing all other necessary operations of care for promotion of good plant growth so that all work is in satisfactory condition at time of acceptance, at no additional cost to the Owner.

Fertilizer

Fertilizer shall be a slow release type contained in polyethylene perforated bags with micropore holes for controlled feeding such as Easy Grow as manufactured by Specialty Fertilizer, Inc., Box 355, Suffern, New York 10901 or approved equal. The bags shall contain 1 ounce of soluble fertilizer analysis 16-18-18 per units to last for three years and shall be applied during planting as recommended by the manufacturer. If fertilizer packets are not used the Contractor shall apply granular fertilizer to the soil mix with 10-6-4 analysis at the following rates: Tree Pits, 2-3 lbs. per caliper inch; Shrub Beds, 3-5 lbs. per 100 square foot; Ground cover, 2-3 lbs. per 100 square foot.

Ground Cover

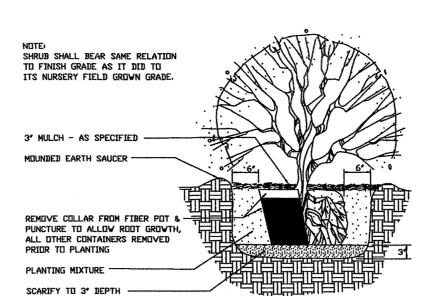
All areas of ground cover shall be rototilled to a depth of 6". Apply 2" of organic material and rototill until thoroughly mixed. Apply fertilizer as

Guarantee and Replacement

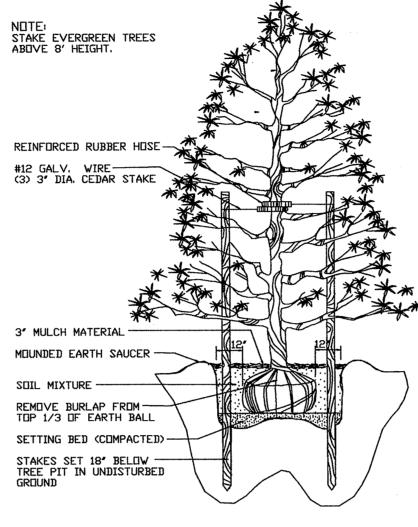
All materials shall be unconditionally guaranteed for one year. The Contractor is not responsible for losses or damages caused by mechanical In jury or vandalism. Guarantee shall cover both labor and materials. Earth saucers and stakes and guys shall be removed and trees, shrubs, and whips mulched to 3" maximum depth with shredded bark just prior to expiration of the one-year guarantee. The owner shall be notified in writing when this work is to occur.

Plant Spacing

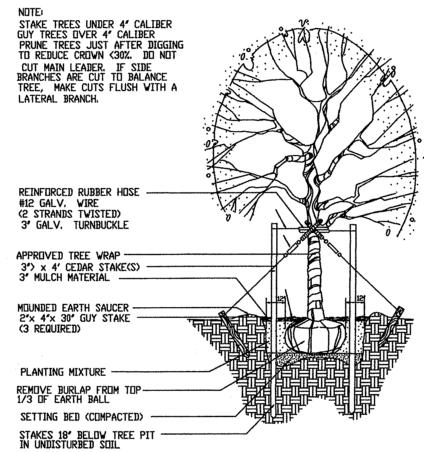
Plant spacing is generally to scale on plan. Shrub spacing is noted in the plant list. No plants except viney ground covers or espallered material shall be closer than 30" to building, walks or curbs.



PLANTING DETAIL/SHRUBS



PLANTING DETAIL/EVERGREEN TREES



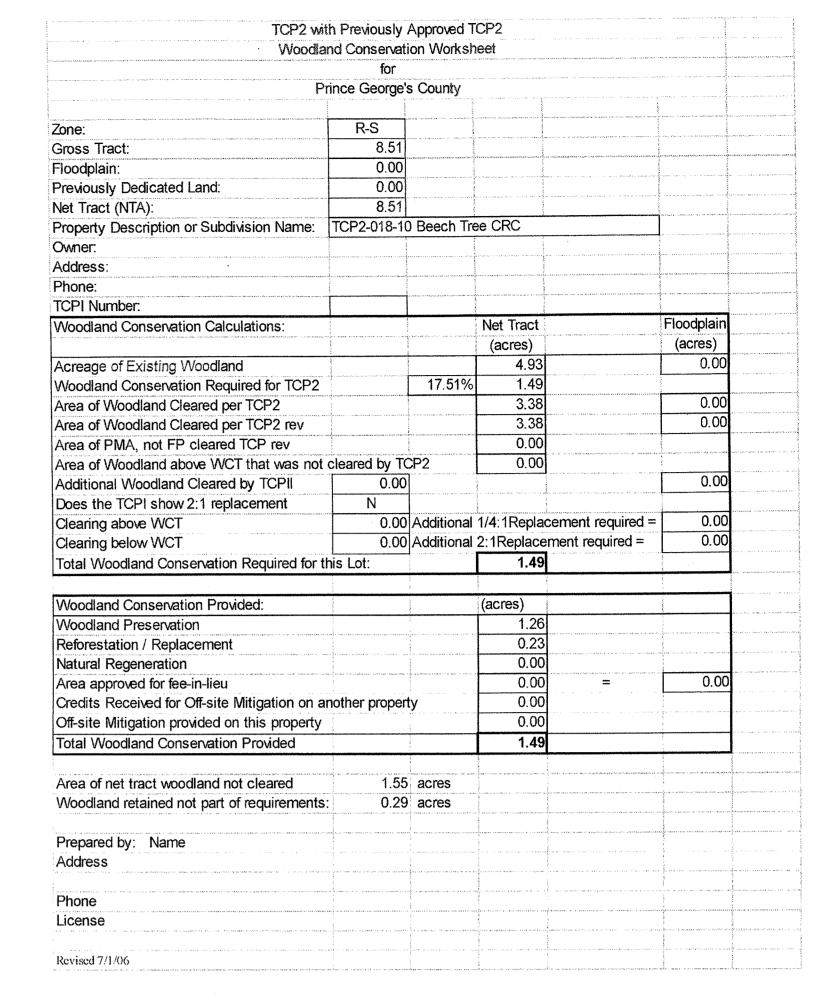
PLANTING DETAIL/DECIDUOUS TREES

Habitat Management Plan Notes:

1. No disturbance of woodland is permitted on the site until it is confirmed that it is consistent with the Habitat Management Plan for the Stripeback Darter approved by the Wildlife and Heritage Division of DNR 2. Prior to the issuance of any grading permit for the site, the Type II TCP shall be revised

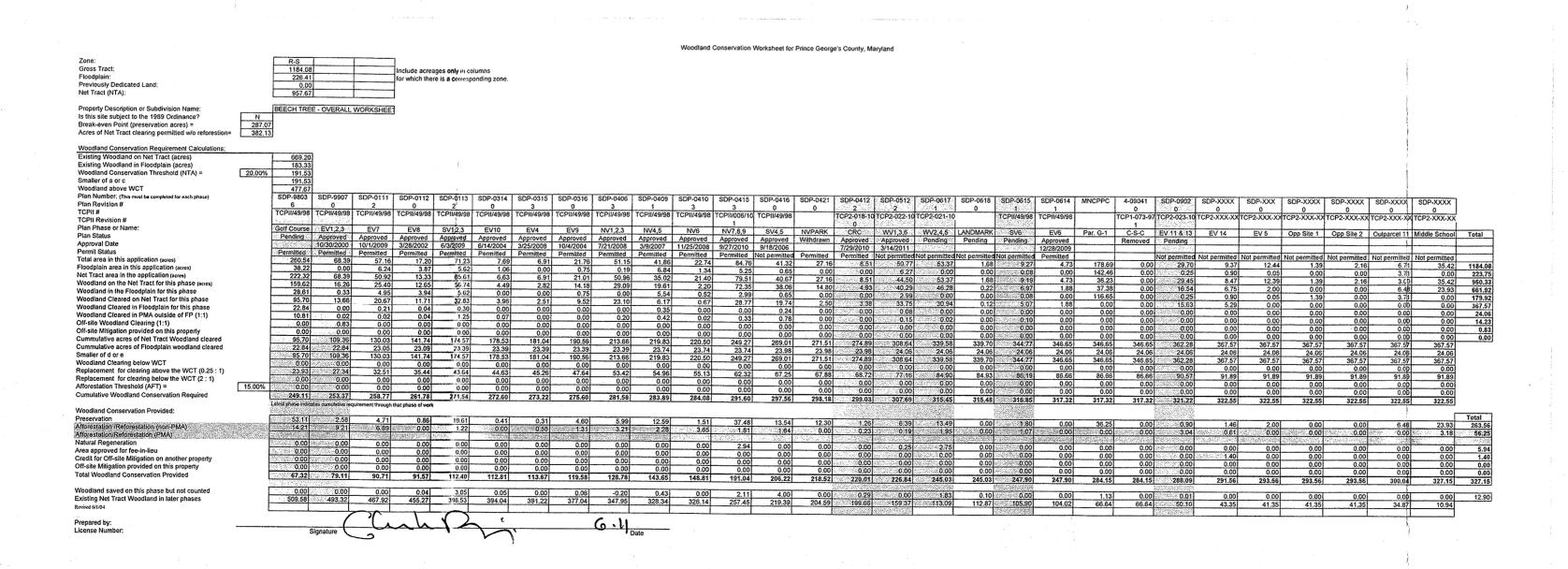
to incorporate the recommendations of the approved Habitat Management Plan for the Stripeback

No grading, cutting, clearing of woodland, or removal of trees is permitted on the site until the recommendations of the Habitat Management Plan have been incorporated into the TCPIL



- 1. With the certification of SDP-0412/02, the overall worksheet includes the following quantitites which have not been finalized
- a. SDP-9803/06 Beech Tree Golf Course, pending revision. b. SDP-0512/02, WV 1,3,6 and TCP2-22-10, approved plan but
- not yet finalized in accordance with conditions of approval c. SDP-0617/01, WV 2, 4, 5 and TCP2-021-10, pending revision 2. The quantities for SDP-9907 EV 1,2, 3 were adjusted to correctly
- credit 3.1 acres of preservation located on Parcel X 3. The quantities for EV 14 (No SDP or TCP # at this time) were adjusted to included 1.40 acres of fee-in-lieu which resulted from WSSC clearing for the installation of utilities, and was paid by WSSC.

TCP II/08/10 was separated from TCP II/049/98 for the overall Beech Tree development with the approval of SDP-04121/02 for Community Recreation Facilities for Beech Tree, East Village.



THIS PLAN IS FOR TREE CONSERVATION PURPOSES ONLY.

BEECH TREE

PRINCE GEORGES COUNTY, MARYLAND

M-NCPPC Prince George's County Planning Department **Environmental Planning Section** APPROVAL TREE CONSERVATION PLAN TCPII / 18 / 10 Approved by 7125 | 11

CALL "MISS UTILITY" AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION AT 1-800-257-7777

> OWNER/DEVELOPER: **VOB LIMITED PARTNERSHIP** TYSONS OFFICE CENTER 8133 LEESBURG PIKE, SUITE 300 VIENNA, VA 22182



TREE CONSERVATION PLAN TYPE II

DATE 6/2/11 SCALE

GREENMAN-PEDERSEN, INC. ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION ENGINEERS & INSPECTORS

14502 GREENVIEW DRIVE, SUITE 100, LAUREL, MD. 20708 WASH. (301) 470-2772 BALT. (410) 880-3055 FAX: (301) 490-2649 www.gpinet.com

P.A. 79 UPPER MARLBORO & VICINITY

AS SHOWN N:\1997\97179\DWG\TCPII\2009 Revision\tc46 2009 Revision.dwg

Clatest date hereon

MARLBORO (3??) ELECTION DISTRICT

NTS