

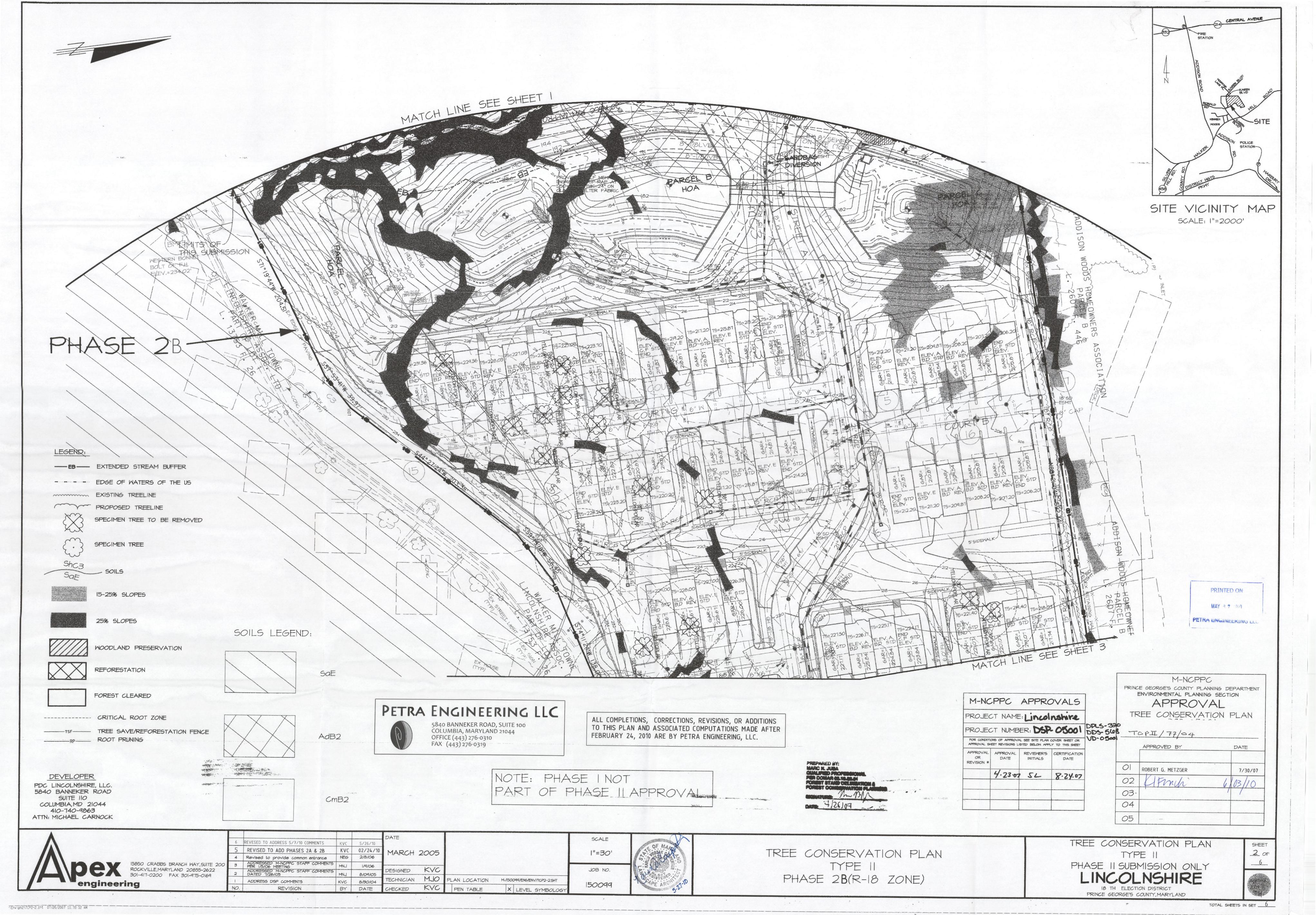
PEN TABLE

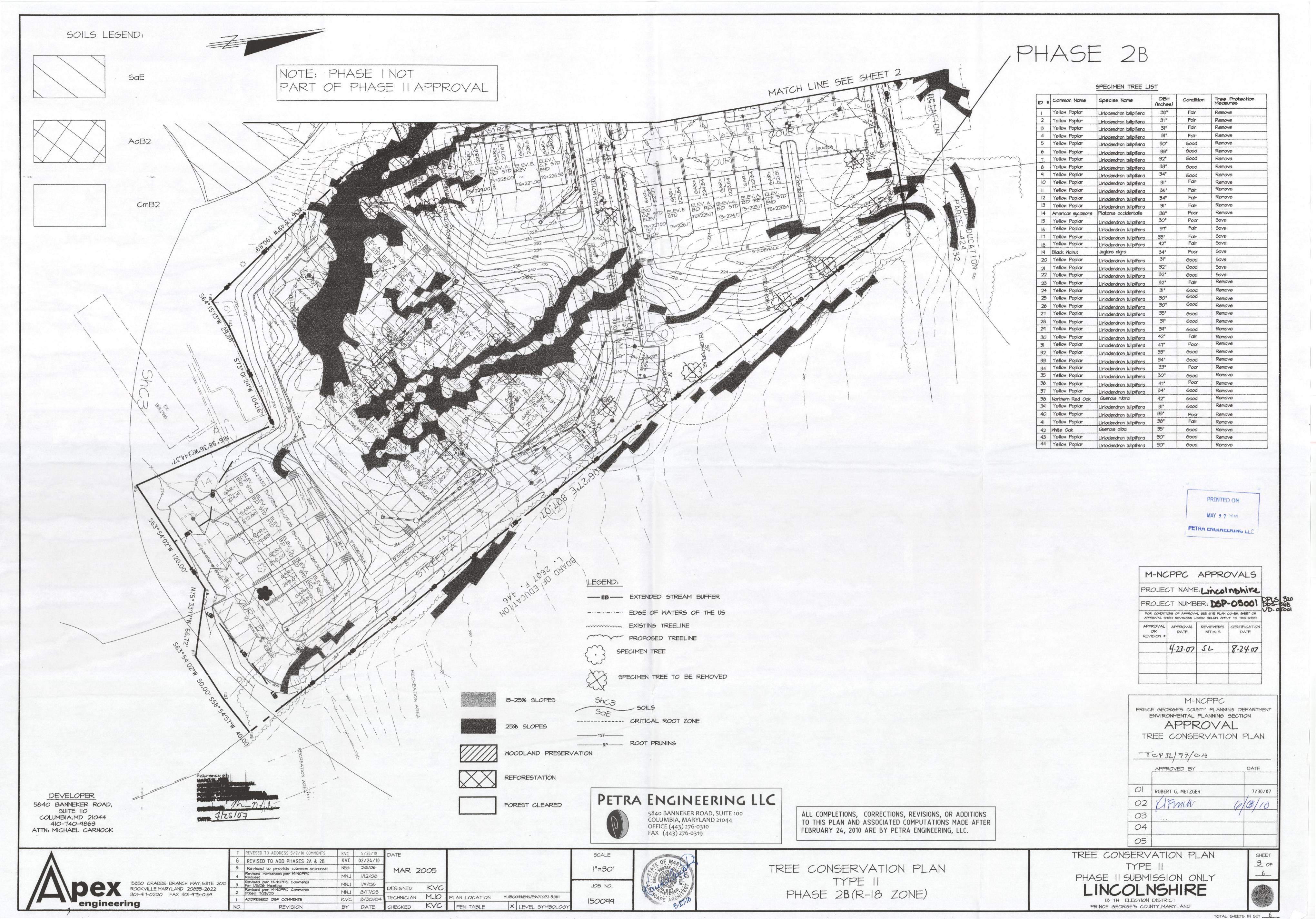
BY DATE

HECKED

X LEVEL SYMBOLOGY

PRINCE GEORGES COUNTY, MARYLAND





a. Landscape planting and related work shall be performed by a firm with a minimum of five years

experience specializing in this type and scale of work.

b. Applicable Specifications and Standards: · Applicable Zoning Ordinances, including Forest and Tree Preservation Ordinance, Adopted Forest

other requirements. Standardize Plant Names, latest edition, American Joint Committee on Horticultural Nomenclature. American Standard for Nursery stock, latest edition American Association of Nurserymen

Landscape Specification Guidelines for Baitimore

Conservation Manual, Tree planting Standard, and

Mashington Metropolitan Areas, latest edition,

Landscape Contractors Association c. Where conflicts occur between standards, the most stringent of the standards shall apply.

2. Submittal: Submit the following to the Owner's Representative prior to beginning work.

a. Copies of manufacturer's data for all materials

b. Samples of required mulch material.

c. Chemical and mechanical analysis and samples of all existing soil, topsoil, organic matter, and soil mix to

d. Planting schedule showing the dates (earliest and latest) proposed for each type of plant specified, schedule each type of planting within the normal planting seasons for such work. Include requests for any proposed changes in the approved planting season and a list of proposed sources for all plant materials.

3. Delivery, Storage, and Handling:

a. Deliver packaged materials, in manufacturer's unopened containers or bundles, fully identified with name, brand, type, weight, and analysis. Store packaged materials in such a manner as to prevent damage or intrusion of foreign matter.

b. Dig balled an burlapped (B&B) plants with firm, natural balls of earth, of a diameter not less than that shown on the plant list nor less than recommended by the American Standard for Nursery Stock, and of sufficient depth to include the fibrous and feeding roots. B&B plants will not be accepted if the ball is cracked or broken before or during planting operation.

c. Deliver trees and shrubs after preparations for planting have been completed. Do not bend, bld, or tie trees or shrubs in such a manner as to damage bark, break branches, or destroy natural shape. If planting is delayed more than six hours after delivery, set trees and shrubs in shade, protect from weather and mechanical damage, and keep roots moist by heeling in bare root stock and heeling plant balls with soll, peat moss, or other acceptable material for balled stock. Plants shall be kept well watered and shall not remain unplanted for longer than 10 days after delivery.

d. Plants shall be lifted and handled from the bottom of

e. Do not remove container grown stock from containers until planting time.

4. Before planting, determine that areas to receive plant material have adequate subdrainage.

a. Perform water percolation testing by digging pits, as described below. In areas of multiple tree plantings or trees planted in lines or rows, perform tests on every fifth tree pit at intervals not greater than 200 feet apart.

b. Dig planting pits to full depth and dimensions indicated on drawings.

c. At bottom of planting plt, excavate rectangular plt 12inches by 18-iches deep. Quickly pour water into small pit to a depth of six inches (approximately 3-3 * gallon). Note time required for water to be completely absorbed. Divide time noted by six to achieve average rate of absorption for one inch of water. Where rate absorption exceeds 60 minutes per inch, notify owner immediately for directions on how to proceed.

mitigation fee.

Woodland Conservation Areas.

activities have been satisfied.

this plan.

Installation.

Required Type II Tree Conservation Plan Notes

i. Cutting or clearing of woodland not in conformance with this

Director or designee shall be subject to a \$1.50 per square foot

plan or without the expressed written consent of the Planning

2. The Department of Environmental Resources (DER) shall be

implementation of woodland conservation measures shown on

3. Property owners shall be notified by the Developer or

Contractor of any Woodland Conservation Areas (Tree Save

Areas, Reforestation Areas, Afforestation Areas, or Selective

4. All appropriate bonds shall be posted with the Building

Official prior to the Issuance of any permits. These bonds will

be retained as surety by the Building Official until all required

5. All required off-site mitigation shall be identified on an

County prior to issuance of any permits for the subject

pre-construction meeting with the Sediment and Erosion

may begin. TPD installation shall be completed prior to

clearing of trees may begin before final approval of TPD

Installation of Initial Sediment Controls. No cutting or

approved TCPII for the off-site location and shall be recorded

as an off-site easement in the land records of Prince George's

6. The location of ail Tree Protective Devices (TPDs) shown on

this Plan shall be flagged or staked in the fleid prior to the

Control Inspector from DER. Upon approval of the flagged or

staked TPD locations by the inspector, installation of the TPDs

PETRA ENGINEERING LLC

OFFICE (443) 276-0310

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5840 BANNEKER ROAD, SUITE 100

COLUMBIA, MARYLAND 21044

Clearing Areas) located on their lot or parcel of land and the

associated fines for unauthorized disturbances to these areas. Upon the sale of the property the owner / developer or owners

representative shall notify the purchaser of the property of any

contacted prior to the start of any work on the site to address

dates, except as approved by owner. a. Deciduous Trees and Shrubs: March I to May 31 and

b. Evergreen Trees. Shrubs, and Vines: March I to May 31 and September 1 to November 15. 6. All plant material shall be guaranteed by the

contractor for a period of one year from the date of

final acceptance to be in good, healthy, and

7. Materials for Planting:

flourishing condition.

October 15 to December 15.

a. Mulch: Shall be double shredded hardwood bark. Submit sample for approval. Shall be mulching grade, uniform in size, and free from foreign matter.

b. Fertilizer: Shall be commercial fertilizer for ornamental trees, shrubs, and ground cover. Fertilizer shall be provided in accordance with the recommendations of the soil tests. As a basis for bidding, contractors shall assume a fertilizer with an analysis of 10% Nitrogen, 6% Phosphorus, and 4% Potassium. This fertilizer shall be granular with a minimum of 50% of the total Nitrogen in organic form.

c. Topsoil: If required, shall be a fertile, friable natural loam, uniform in compositions, free of stones, lumps, plants, and their root debris and other extraneous matter of one inch in diameter, and capable of sustaining vigorous plant growth. Topsoil shall be a pH range of 6.0 to 6.5, with a pH range of 5.0 to 5.5 for plants requiring acid soils. Organic content shall

d. Soil Testing: Topsoil and existing soils for planting shall be tested for nutrients, trace materials, pH and, organic content. Test shall be taken on each side of a block and in the median for a total of two or three tests per general area to be planted. Fewer tests may be taken with approval by the owner. Contractor shall forward test results to the owner and the Landscape

e. Composted Pine Bark Fines: Shall be approved composted ground pine bank, having no particle with a dimension greater than * inch.

f. Soil Mix: Shall consist of * existing soil and * composted pine bank fines or other approved organic matter, by volume.

q. Root barrier: Shall be "Blobarrier" by Reemay, Inc (1-800-257-6687), a Typar polypropylene fabric containing time release trifluorolin herbicide.

8. Plant Materials: (Refer to the PLANT LIST on the drawings for specific types and quantities of plants)

a. Plants shall be nursery grown in accordance with good horticultural practices. Plants shall either be obtained from local nurseries and/or others, which have soil and climatic conditions similar to those in the locality of the project.

b. Plants shall be true to species and variety, and, unless specifically noted otherwise, all plants shall be specimen quality, exceptionally heavy, symmetrical, tightly-knit plants, so trained or favored in their development and appearance as to be unquestionably and outstandingly superior in form, number of branches, compactness, and symmetry.

c. Plants shall be sound, healthy and vigorous, well branched and densely follated when In leaf, free of disease, insect pests, eggs or larvae and shall have healthy, well developed root systems. They shall be free from physical damage or any conditions that would prevent thriving health and the desired

d. Trees which have a damaged or crooked leader, or multiple leaders, unless specified in the plant list, will be rejected. Trees with abrasion of the bank, sun scaled, disflauring knots, or pruning cuts more than 1-1/4 inch in diameter, which have not completely callused, will be rejected.

9. Plants shall conform to measurements specified in the plant schedules, except that plants larger than specified may be used, if acceptable to the Landscape Architect. Used of such plants shall not Increase the contract price. If larger plants are accepted, the root ball shall be sized of the larger

a. Caliper Measurement: Shall be taken at a point on the trunk six inches above natural ground line for trees up to four inches in diameter, and a point 12-Inches above the natural ground line for trees over four Inches in diameter.

7. Work on this project will be initiated in several phases. All

Areas shall be posted as shown at the same time as Tree

9. All tree planting for woodland replacement, reforestation or

reforestation or afforestation within the prescribed time frame

will result in the forfeiture of the Reforestation Bond and/or a

violation of this Plan including the associated \$1.50 per square

foot penalty unless a written extension is approved by the DER

11. Results of survival checks for all tree plantings shall be

reported to the DER Inspector for the site and M-NCPPC,

for soil preparation, site preparation, tree planting and tree

10. The DER inspector shall be notified prior to soil preparation or

12. Prior to the issuance on any permits the contractor responsible

afforestation will be completed prior to Use and Occupancy

Permit. Failure to establish the woodland replacement,

Protective Device Installation and/or start of reforestation

disturbance within that phase of work.

activities. These signs shall remain in place.

initiation of any tree planting on this site.

Environmental Planning Section.

maintenance must be identified.

Name

Address

Business Name

TPDs required for a given phase shall be installed prior to any

8. Woodland Conservation - Tree Save Areas and/or Reforestation

5. Planting shall be done only within the following b. Plants shall be measured when branches are in the normal position. Height and spread dimension specified refer to the main body of the plant and not from branch tip to tip.

10. Excavation of Planting Areas:

a. Trees: Excavate plant pit walls vertically and scarify sides. Plant pit depth shall be sufficient to allow two inches maximum of root ball to be above finished arade. Tree pit shall be 12-inches wider than the ball on all side and taper up to three times the width of

b. Shrubs: Shrub Beds and Hedges: Loosen soil in the area of the entire plant bed or hedgerow to a depth of six inches minimum with a rototiller.

Add soil amendments and rotatili again to a depth of six inches. Excavate plant pit and hedge trenches a minimum of 12-inches wider than the root ball or bare root on all sides. The depth shall be sufficient to allow shrub to sit two inches above finished grade.

c. Ground Covers and seasonal Plantings, Loosen soil to a depth of six inches minimum with a rotatiller. Add amendments to the soil and/or specified planting soil mix and rototill again to a depth of six inches. install plants directly into the prepared bed, and firm the sill mix around them.

II. General Plant Installation

a. Excavation: Excavate all planting pits and planting areas to the width and depths shown in the planting

b. Center plant in pit and orient for the best visual effect. Set plant plumb and hold rigidly in position until soil has been tamped firmly around root ball.

Mix soil amendments and fertilizers with existing soil in accordance with soil recommendations for plant type, based upon soil test results, as approved by owner. Delay mixing of fertilizer, if planting will not occur within a few days.

d. Backfill pit with planting soil mix and fertilizer, until 2/3 full. Tamp and water each layer thoroughly to settle soil. After soil settles, fill pit with remaining planting soil mix. Water and shape surface so that it slopes to drain form trunk and matches ground at

edge of planting pit. e. Mulch all tree pits, shrub, ground cover, and perennial beds with a two-inch layer of mulch immediately after planting. All bed lines shall be cut with a smooth consistent edge to a minimum depth of three Inches.

f. All planting areas to conform to specified grades after full settlement has occurred and mulch has been applied. Provide saucers around tree pits, as shown on planting details. Remove all tags, labels, strings, etc. for all plants.

12. Permanent seeding of Sodding for Grass Arebs:

a. Lawn seed or sod varieties shall be the following selections from the 1996-97 Maryland Turf Grass

 Lawn Gras Mix, to be used on all areas noted as sod or lawn areas:

30% Shennadoah Improved Fescue 30% Montauk Improved Fescue 30% Duke Improved Fescue 10% Newstar Improved Bluegrass

 Meadow Grass Mix, to be used for permanent seeding on disturbed areas that are no designated as sod or lawn. Lb. Pure Live

Indiangrass Sorghastrum nutans

Grass Species Botanical Name Seed/Acre Switchgrass Panicum vigatum "Shelter" Big Bluestem Andropogon gerardti 10

Add 20 pounds per acre of oats per acre as cover crop. Test soil pH and add soil amendments to bring It up to a pH of 5, and the recommended fertility levels for potassium and phosphorus, but not nitrogen, as this will encourage competing weed growth. Seed is to be drill seeded to * Inch depth, or cyclone spread and dragged to lightly cover.

Little Bluestem Andropogan scoparius "Camper" 5

b. Refer to the Maryland Erosion and Sediment Control handbook for guidelines, specifications, and

days after final acceptance of the last section.

installation techniques of seed and sod. 13. Maintenance shall begin immediately after each plant and lawn areas is installed and shall continue until 40

HI DOCS STOLPLANTING NOTES doc

ALL COMPLETIONS, CORRECTIONS, REVISIONS, OR ADDITIONS

FEBRUARY 24, 2010 ARE BY PETRA ENGINEERING, LLC.

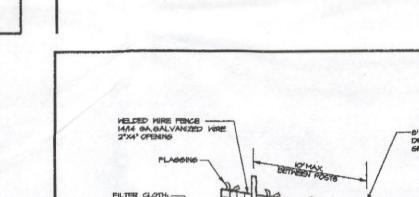
TO THIS PLAN AND ASSOCIATED COMPUTATIONS MADE AFTER

MONTHS TRANSPLANT OF DBH OR GREATER PLANTING SEEDLINGS, WHIPS MINIMUM MONITORING FERTILIZER (IF NEEDED)+ PRUNING RECOMMENDED, OPTIMAL TIME RECOMMENDED WITH ADDITIONAL CARE RECOMMENDED

DEPENDENT UPON SITE CONDITIONS DEPENDENT UPON SITE CONDITIONS, WEEKLY WATERING IS STRONGLY RECOMMENDED FROM MAY THROUGH OCTOBER UNLESS WEEKLY RAINFATE EQUALS I"

ACTIVITIES DURING NOVEMBER THROUGH PEBRUARY DEPEND ON GROUND CONDITIONS. NO FALL PLANTING OF OAKS AND PINES. THE PLANTING AND CARE OF TREES IS MOST SUCCESSFUL WHEN COORDINATED WITH THE LOCAL CONDITIONS. THIS CALENDAR SUMMARIZES SOME OF THE RECOMMENDED TIME FRAMES FOR BASIC REFORESTATION AND STRESS REDUCTION ACTIVITIES.

TREE PLANTING AND MAINTENANCE CALENDAR



PRUNING A BRANCH

DEAD BRANCH ----

BRANCH COLLAR'

ONLY PRUNE AT SPECIFIED TIMES.

BY GUTTING THROUGH 'AB'.

TREE PRUNING

3. ONLY PRIME AT SPECIFIED TIMES.

HARDWOODS

REMOVE NO MORE THAN 30% OF CROWN AT ONE TIME.

PRUNING A LEADER TO REDUCE SIZE

REMOVE BRANCH WEIGHT BY UNDERCUTTING AT 'A' AND REMOVE LIMB

REMOVE STUB AT 'CD' (LINE BETWEEN BRANCH BARK RIDGE AND OUTER EDGE

I. IF 'D' 19 DIFFICULT TO FIND ON HARDWOODS, ANGLE OF 'CD' TO TRUNK SHOULD

4. BE THE REFLECTIVE ANGLE OF THE BARK BRANCH RIDGE TO THE TRUNK.

REMOVE TOP MEIGHT BY UNDERCUTTING AT 'A' AND REMOVE LIMB

REMOVE STUB AT "EF" PARALLEL TO THE BARK BRANCH RIDGE.

4. NO MORE THAN 50% OF CROWN TO BE REMOVED AT ONE TIME.

COMBINE SEDIMENT CONTROL AND PROTECTIVE DEVICE.

3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED PRIOR TO INSALLING PROTECTIVE DEVICE.

5. MOUND SOIL ONLY WITHIN LIMITS OF DISTURBANCE.

4. ROOT DAMAGE SHOULD BE AVOIDED

6. PROTECTIVE SIGNAGE IS REQUIRED.

RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS

ALL STANDARD MAINTENANCE FOR SEDIMENT CONTROL DEVICES

TREE SAVE / SILT FENCE

NOT TO SCALE

5. DIAMETER OF LATERAL BRANCH SHOULD BE NO LESS THAN 30% OF THE DIAMETER

BARK BRANCH RIDGE

CONIFERS - FOR LIVING

OR DEAD BRANCH

STANDARD SYMBOL

----TS----TS

R-T ZONE = 4.07 AC - EX.LOT 2 R-18 ZONE = 13.17 AC - EX. PART OF LOT I KAREN BOULEVARD(PREVIOUSLY DEDICATED) = 1.45 AC 2. ZONING: R-T (407 AC

3. PROPOSED DEVELOPMENT

TOWNHOUSES IN R-T ZONE 156 STACKED TOWNHOUSES (MULTIFAMILY) IN R-18 ZONE

GENERAL NOTES AND TABULATION:

LOT 1 4 2 L.13753 F.026 PDG LINCOLNSHIRE, LLC. 5840 BANNEKER ROAD COLUMBIA, MD 21044

5. TAX MAP NUMBER: 73 GRID D3 AND E3

6. DENSITY CALCULATIONS: R-T

	(EX.LOT 2) 4.07 AC	(EX. PART OF LOT !)
ALLOWED	& DU/AC=24 UNITS	12 DU/AC=158 UNITS
PROPOSED	24 UNITS	156 UNITS

T TONING STANDARDS, FOR RT TONE

	R-T REQUIRED	R-T PROPOSED
MINIMUM AREA ALLOCATED FOR FRONT, SIDE OR REAR YARD PURPOSES	800 SF/ LOT TOTAL	1170 SF
DISTANCE BETWEEN BUILDINGS	NA	30'
LOT WIDTH @ BRL=	100'(TRACT)	800' ±
LOT WIDTH @ R/W=	100 (TRACT)	820' ±
MAXIMUM HEIGHT=	40'	40'
MAX.LOT COVERAGE=	35%	35%
MINIMUM LOT SIZE=	1,800 SF	1800 SF

	R-18 REQUIRED	R-18 PROPOSED
FRONT YARD=	30'+ I'FOR EVERY I'OF HEIGHT OVER 36'	75'
SIDE YARD=	30'/10'+ 1'FOR EVERY 1'OF HEIGHT OVER 36'	50'SETBACK FOR BUILDINGS 1-4 40'SETBACK FOR BUILDINGS 5-1
REAR YARD=	30'+ I'FOR EVERY I'OF HEIGHT OVER 36'	40'
DISTANCE BETWEEN BUILDINGS	50'+ 2'FOR EVERY 1'OF HEIGHT OVER 36'	70'
LOT WIDTH @ BRL=	85'	775'
LOT WIDTH @ R/W=	85'	778'
MAXIMUM HEIGHT=	80'ON LOT >5 AC	56' ± (5 STORIES
MAX.LOT COVERAGE=	30%	30.0%
MINIMUM LOT SIZE=	16,000 SF	13.17 AC

8. PARKING CALCULATIONS: ASSUME ALL UNITS ARE TWO BEDROOMS SITE IS WITHIN ONE MILE OF THE ADDISON ROAD METRO STATION

	R-T (EX.LOT 2)	R-18 (EX.PART OF LOT 1) ASSUMED 156 THREE BEDROOM UNIT	5
REQUIRED		(1.33/UNIT- IST BEDROOM 0.66- 2ND & 3RD BEDROOMS) 30	T SPACES
PROVIDED	56 SPACES (53 STD,3 HC)	156 GARAGE + 156 DRIVEWAY = 312	SPACES

9. GREEN AREA CALCULATIONS:

	R-T TOWNHOUSE PARCEL	R-18 MULTYFAMILY PARCEL
ARCEL AREA	3.62 AC	13.17 AC
EQUIRED	N/A	60% / 7.90 AC
ROVIDED	N/A	60% / 7,90 AC

10. EXISTING WATER AND SEMER CATEGORY, W-3 AND S-3

I. WATER AND SEWER WILL BE PUBLIC. 12. A TITLE REPORT DATED NOVEMBER 14,2002 WAS FURNISHED WITH

THIS SUBMISSION 13. BOUNDARY INFORMATION IS FROM EXISTING PLAT NO. A-5583, LOTS 1,2

AND 3, WALKER MILL TOWNE DATED FEBRUARY, 1965. 14. EXISTING TOPOGRAPHY WAS PROVIDED AERIAL FROM POTMAC VALLEY

15. NO HISTORIC SITES HAVE BEEN IDENTIFIED ON OR NEAR THE SITE.

16. NO CEMETERIES HAVE BEEN IDENTIFIED ON OR ADJACENT TO THE SITE. 17. STORMWATER MANAGEMENT CONCEPT NUMBER IS 20523-2003-0.

OPEN SPACE IS TO BE DEDICATED TO THE HOA WITH MAINTENANCE EASEMENT TO THE DEPARTMENT OF ENVIRONMENTAL RESOURCES. AREA OF NON-TIDAL METLANDS AREA OF SLOPES GREATER THAN 25%

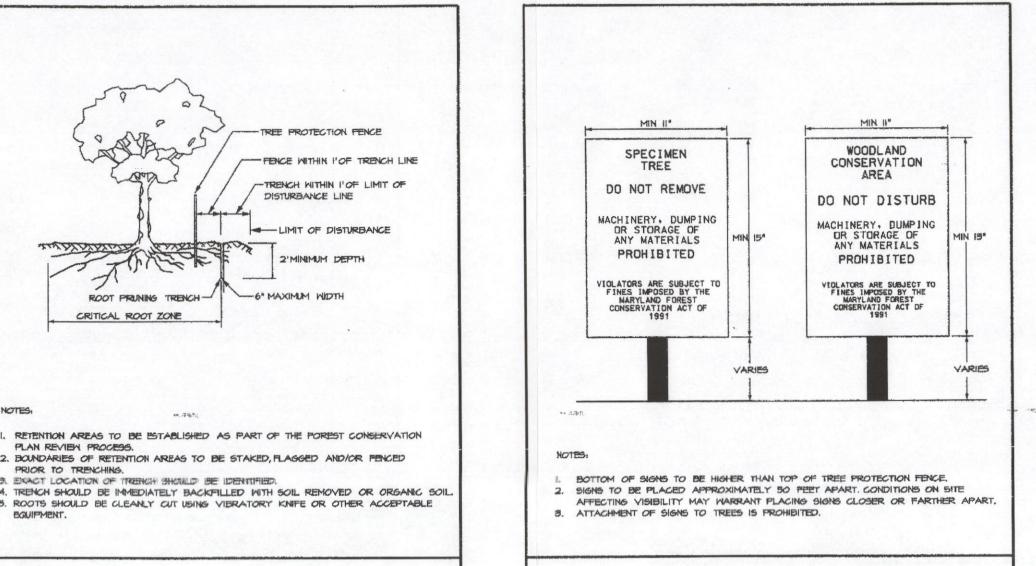
WATERS OF THE US WERE DELINEATED BY MCCARTHY AND ASSOCIATES

20. RETAINING WALLS SHALL BE TIMBER OR KEYSTONE WALLS OR EQUIVALENT, SEE DETAILS THIS SHEET. 21. ____EB ___ DENOTES EXTENDED STREAM BUFFER

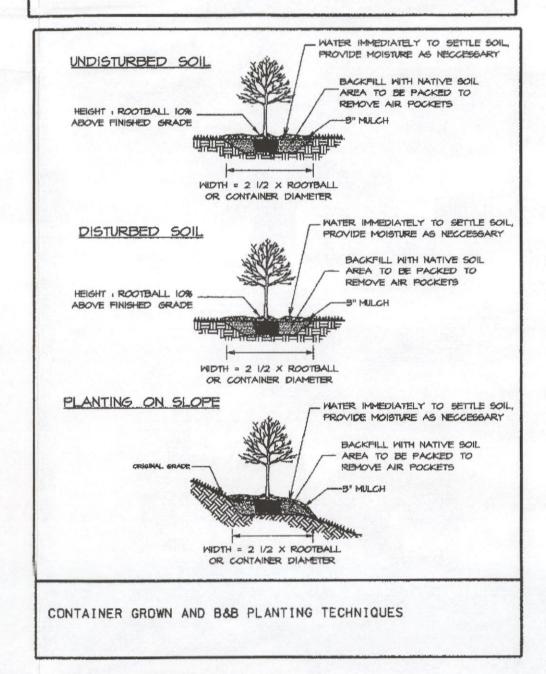
22. THIS APPLICATION IS NOT ENCUMBERED BY ANY SPECIAL EXCEPTION

OR BASIC PLAN, THIS INFORMATION WAS VERIFIED WITH M-NCPPC. 23. DENOTES PROPOSED TREE LINE.

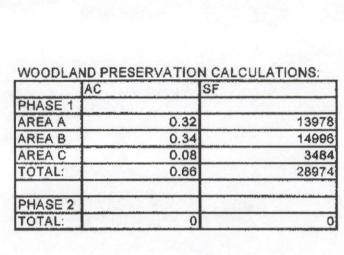
TREE CONSERVATION PLAN TYPE II NOTES AND DETAILS



CONSTRUCTION SIGNS



AREA A AREA B AREA CAREA D



	AC	SF
PHASE 1		
AREA A	0.25	11001
AREA B	0.03	1307
AREA C	0.02	874
AREA D	0.24	10454
TOTAL:	0.28	12308
PHASE 2		- 30
TOTAL:	0	. (

	AC	SF
PHASE 1		
AREA A	0.005	219
TOTAL:	0.005	219
PHASE 2		
TOTAL:	0	C

NOTE: PHASE I NOT PART OF PHASE II APPROVAL

PRINTED ON MAY 2 7 2010 PETRA ENGLINEERLING LLC

WOODLAND CONSERVATION AREA MANAGEMENT NOTES Prepared by the Environmental Planning Section, Planning Department, M-NCPPC Revised: 4/23/2003

Removal of Hazardous Trees or Hazardous Limbs By Developers or Builders

The developer and/or builder is responsible for the complete preservation of all forested areas shown on the approved plan to remain undisturbed. Only trees or parts thereof designated by the Department of Environmental Resources as dead, dying, or hazardous may be removed.

A tree is considered hazardous if a condition is present which leads a Licensed Arborist or a Licensed Tree Expert to believe that the tree or a portion of the tree has a potential to fall and strike a structure, parking area, or other high use area and result in personal injury or property damage.

2. If a hazardous condition may be alleviated by corrective proming the Licensed Arborist or a Licensed Tree Expert may proceed without further authorization. The pruning must be done in accordance with the latest edition of the ANSI A-300 Pruning Standards (ATree, Shrub, and Other Woody Plant Maintenance - Standard Practices@).

3. Corrective measures requiring the removal of the hazardous tree or portions thereof shall require authorization by the building or grading inspector if there is a valid grading or building permit for the subject lots or parcels on which the trees are located. Only after approval of the appropriate inspector may the tree be cut by chainsaw to near the existing ground level. The stump may not be removed or covered with soil, mulch or other materials that would inhibit sprouting.

4. Debris from the tree removal or pruning that occurs within 35 feet of the woodland edge may be removed and properly disposed of by recycling, chipping or other acceptable methods. All debris that is more than 35 feet from the woodland edge shall be cut up to allow contact with the ground, thus encouraging decomposition. The smaller materials shall be placed into brush piles that will serve as wildlife habitat.

Protection of Reforestation and Afforestation Areas by

Reforestation and afforestation areas shall be planted prior to the occupancy of the nearest building or residence. If planting cannot occur due to planting conditions, the developer or property owner shall install the fencing and signage in accordance with the approved Type II Tree Conservation Plan. Planting shall then be accomplished during the next planting season. If planting is delayed beyond the transfer of the property title, to the homeowner, the developer shall obtain a signed statement from the purchaser indicating that they understand that the reforestation area is located on their property and that reforestation will occur during the nextplanting season. A copy of that document shall be presented to

Developers or Builders

the Grading Inspector and the Environmental Planning Section.

2. Reforestation areas shall not to be moved, however, the

REFORESTATION PLANT LIST

-TREE PROTECTION FENCE

DISTURBANCE LINE

ROOT PRUNING TRENCH-

I EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.

VERTICAL MULCHING OR FERTILIZING

AUGER HOLES 8" - 10" DEEP, 2'-3' APART, 1"-3" MIDE

4. FERTILIZE WITH 50/50 COMPOST AND PINE PINES.

APPLICATION OF FERTILIZER BY INJECTION

INJECTION HOLES TO BE 8" - 10" DEEP, 2'-3' APART.

APPLY FERTILIZER I/S DISTANCE IN FROM DRIPLINE

4. TO TRUNK AND EXTEND 2/19 OUT FROM DRIPLINE.

APPLICATION OF FERTILIZERS

AUGER HOLES, DO NOT POKE LEAVE SOIL ON GROUND.

3. APPLY FERTILIZER IS DISTANCE IN FROM DRIPLINE TO TRUNK.

2. LEAVE SOIL ON GROUND.

RETENTION AREAS TO BE ESTABLISHED AS PART OF THE POREST CONSERVATION

5. ROOTS SHOULD BE CLEANLY OUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE

2. BOUNDARIES OF RETENTION AREAS TO BE STAKED, FLAGGED AND/OR PENCED

CRITICAL ROOT ZONE

NOTES

ROOT PRUNING

NOTES:

PLAN REVIEW PROCESS

PRIOR TO TRENCHING.

LIMIT OF DISTURBANCE

2'MINIMUM DEPTH

DRIPLINE TO TRUN

EQUAL TO 2/3

FROM TRUNK

1/8 DISTANCE PROM

DRIPLINE TO TRUNK

- EQUAL TO 2/3

DISTANCE

SARRADA TO' DEEP

FROM TRUNK

TO DRIPLINE

00000

000000 2'-9'APART

0000000000

000000

- FENCE WITHIN I'OF TRENCH LINE

-TRENCH WITHIN I'OF LIMIT OF

			0.25 AC X 500= 125	0.03 AC × 500=	0.02 AC × 500=	0.24 AC × 500=
CANOPY TREES	I" CALIPER TREES:	500/ ACRE	vites film for all state reasons and a transcens advantage or and a transcens		•	
SCIENTIC NAME	COMMON NAME	SERIAL STAGE	QTY	atr		
LIRIODENDRON TULIPIFERA	TULIP POPLAR	SUBCLIMAX	17	3	1	16
LIQUIDAMBAR STYRACIFLUA	SMEETGUM	PIONEER	16		1	
ACER RUBRUM	RED MAPLE	PIONEER-SUBCLIMAX	16		3	
ACER SACCHARUM	SUGAR MAPLE	CLIMAX			1	15
FAGUS GRANDIFOLIA	AMERICAN BEECH	CLIMAX		3	1 -	15
CORNUS FLORIDA	FLOWERING DOGWOOD	CLIMAX	16	1	1	16
AMELANCHIER ARBOREA	SERVICE BERRY	SUBCLIMAX	16			16
QUERCUS RUBRA	RED OAK	SUBCLIMAX	16			16
QUERCUS PHELLOS	WILLOW OAK	SUBCLIMAX	16			
QUERCUS ALBA	WHITE OAK	CLIMAX				15
QUERCUS VELUTINA	BLACK OAK	CLIMAX		3		
		TOTAL	113	13	9	108
SHRUBS - 10% OF TREE	S REQUIRED (SEEDLINGS	OR SAPLINGS)				
VIBURNUM ACERIFOLIUM	MAPLE-LEAF VIBURNUM	PIONEER	3	2	1	3
ILEX VERTICILLATA	WINTERBERRY	PIONEER	3			3
LINDERA BENZOIN	SPICE BUSH	PIONEER	3			3
VIBURNUM DENTATUM	SOUTHERN ARROWHOOD	PIONEER	3			3
		TOTAL SHRUBS	12	2		12
		TOTAL	125	15	10	120

M-NCPPC APPROVALS PROJECT NUMBER: DEP-0500 FOR CONDITIONS OF APPROVAL SEE SITE PLAN COVER SHEET OR APPROVAL SHEET REVISIONS LISTED BELOW APPLY TO THIS SHEET APPROVAL APPROVAL REVIEWER'S CERTIFICATION DATE INITIALS REVISION # 4.23.07 SL 8.24.07

M-NCPPC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL -TCPI/77 /04

ROBERT G. METZGER	7/30/07
AFINCH	6/03/10
Seat Asia	
	AFINCH

TREE CONSERVATION PLAN TYPE II PHASE II SUBMISSION ONLY LINCOLNSHIRE

ROCKVILLE, MARYLAND 20855-2622 301-417-0200 FAX 301-975-0169

DATED 7/26/05

REVESED TO ADDRESS 5/7/10 COMMENTS KVC 5/26/10 REVISED TO ADD PHASES 2A & 2B KVC 02/24/10 ADDRESSED M-NCPPC STAFF COMMENTS MNJ 1/09/06 PER 1/5/06 MEETING
ADDRESSED M-NCPPC STAFF COMMENTS MNJ 8/09/05 KVC 8/30/04 ADDRESS DSP COMMENTS DATE REVISION

MAR 2004

DESIGNED CJM TECHNICIAN NEG KVC

PLAN LOCATION MI/150099/ENG/ENV/DETAIL4.SHT X LEVEL SYMBOLOG

JOB NO. 150099

SCALE

FEE-IN-LIEU



18 TH ELECTION DISTRICT PRINCE GEORGE'S COUNTY, MARYLAND

APPROVED BY

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