

Dewberry

10003 DEREKWOOD LANE SUITE 204 LANHAM, MD 20706

301.731.5551 301.731.0188 (FAX)

DR. ADEKUNLE (KEJI) M. OKE 10306 FOX DALE COURT MITCHELLVILLE, MD 20721

CONTACT DEVELOPER: GREG WILBY ENGINEER: GURMEET GAHUNIA

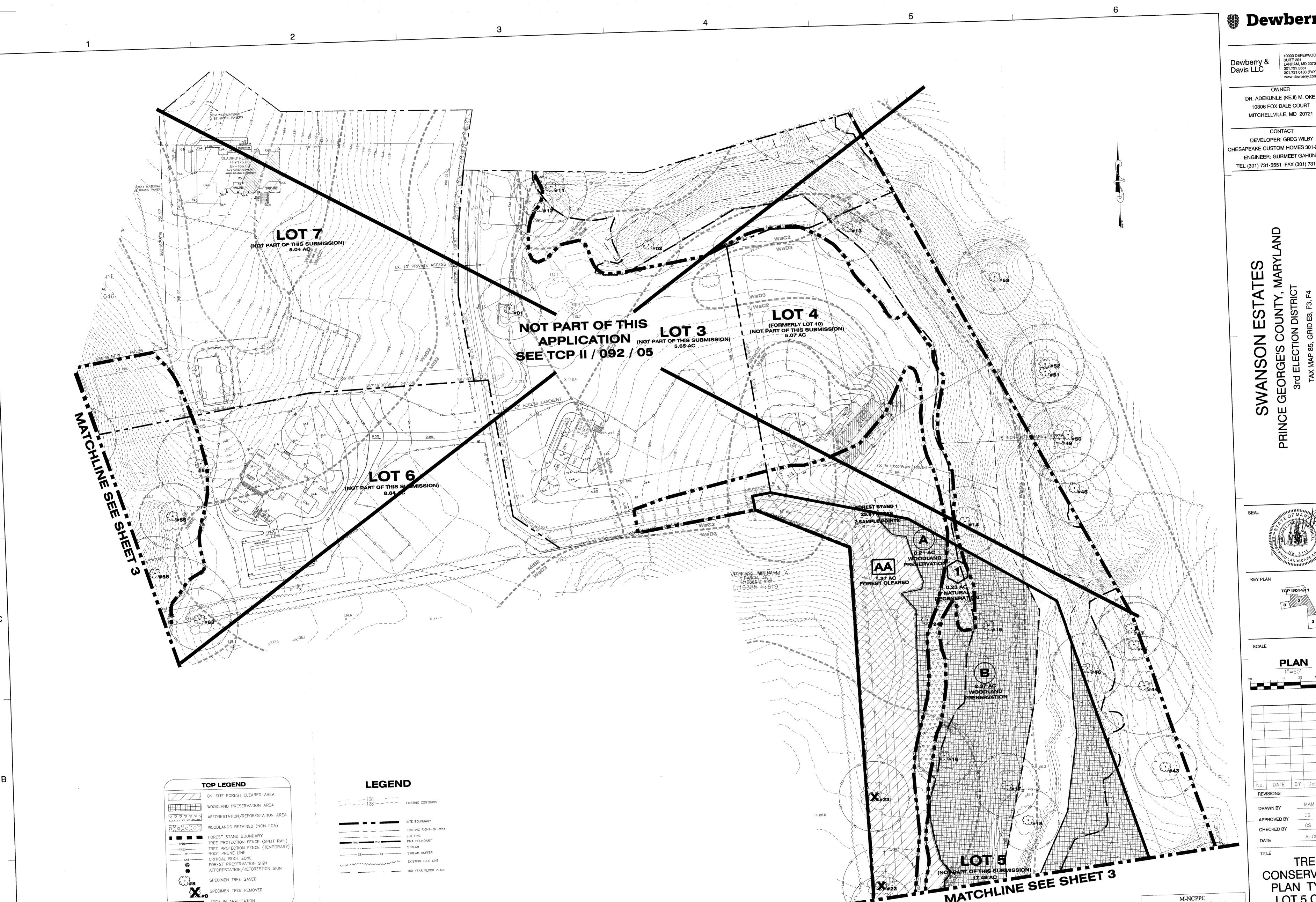
CHESAPEAKE CUSTOM HOMES 301-218-2218 TEL (301) 731-5551 FAX (301) 731-0188

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No.	DATE	BY	Description
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TREE CONSERVATION PLAN TYPE II LOT 5 ONLY

PROJECT NO. 83214



Dewberry

DR. ADEKUNLE (KEJI) M. OKE 10306 FOX DALE COURT

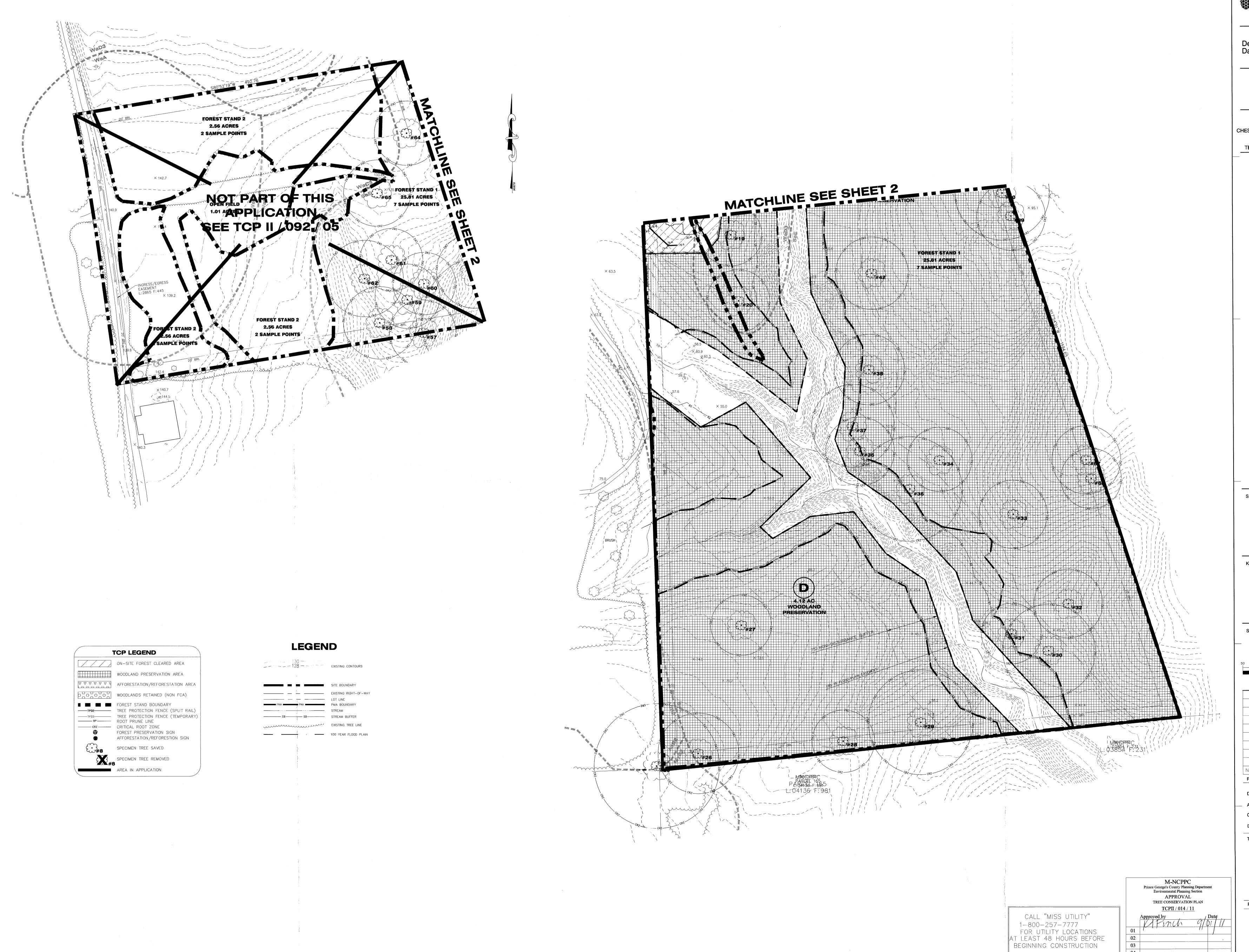
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No. DATE BY Description

CHECKED BY AUGUST 2011

TREE
CONSERVATION
PLAN TYPE II



Dewberry

10003 DEREKWOOD LANE SUITE 204 LANHAM, MD 20706 301.731.5551 301.731.0188 (FAX) Dewberry & Davis LLC

DR. ADEKUNLE (KEJI) M. OKE 10306 FOX DALE COURT

MITCHELLVILLE, MD 20721 CONTACT

DEVELOPER: GREG WILBY

CHESAPEAKE CUSTOM HOMES 301-218-2218 ENGINEER: GURMEET GAHUNIA TEL (301) 731-5551 FAX (301) 731-0188

KEY PLAN

No. DATE BY Description

REVISIONS

AUGUST 2011

TREE
CONSERVATION
PLAN TYPE II
LOT 5 ONLY

PROJECT NO. 83214

SHEET NO.

AFFORESTATION/REFORESTATION MANAGEMENT PLAN

Year 1: Area is planted according to pre-approved plan Survival check 3 times (March-April), (July-August), (October-November) Watering as needed Control of undesireable vegetation as needed

Years 2-3: Reinforcement planting if needed Survival check twice annually (April-May), (September-October)\ Watering as needed Control of undesireable vegeation as needed

Years 4-5: Reinforcement planting if needed Survival check once annually (May-September)

Fertilization or watering during years 1 through 3 will be done on an as needed basis. Condition Check Sheets should be to the client after each visit. We require a survival rate of 75 percent after 5 years. If adequate natural regeneration has occured, it may be included in the final survival tally. Special return operations or recommendations will be conducted on an as needed basis. Perimeter fencing and signage will be removed after year 5 based on the date planted.

CONDITION CHECK SHEET PROJECT NAME: DATE: NUMBER FROM LAST CHECK NUMBER FROM THIS CHECK | CONDITION SPECIAL NOTES:

Standard Type II Tree Conservation Plan Notes

1. Cutting or clearing of woodland not in conformance with this Plan or without the expressed written consent of the planning Director or designee shall be subject to a \$1.50 per square foot mitigation fee.

2. The Department of Environmental Resources (DER) must be contacted prior ro the start of any work on the site to address implementation of Tree Conservation measures shown on this Plan.

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 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 Woodland

4. All appropriate bonds will 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 activities have been satisfied.

5. The location of all Tree Protective Devices (TPD's) shown on this Plan shall be flagged or staked in the field prior to the pre-construction meeting with the Sediment and Erosion Control Inspector from DER. Upon approval of the flagging or staked TPD locations by the Inspector, installation of the TPD's may begin. TPD installation shall be completed prior to installation of initial Sediment Controls. No cutting or clearing of trees may begin before final approval of TPD

6. Tree Protection Devices are not required for this Plan since an undisturbed 100 foot buffer of open land or a 50 foot forested buffer is being maintained between the Limit of Disturbance (LOD) and the Tree Save Area. If changes to the LOD impact the undisturbed buffers the DER Inspector shall be contacted to evaluate the change to determine if revision to the Tree Conservation Plan are necessary or if the installation of TPD's will be required.

7. Since work on this project will be initiated in several phases all TPD's required for a given phase shall be installed prior to any disturbance within that phase of

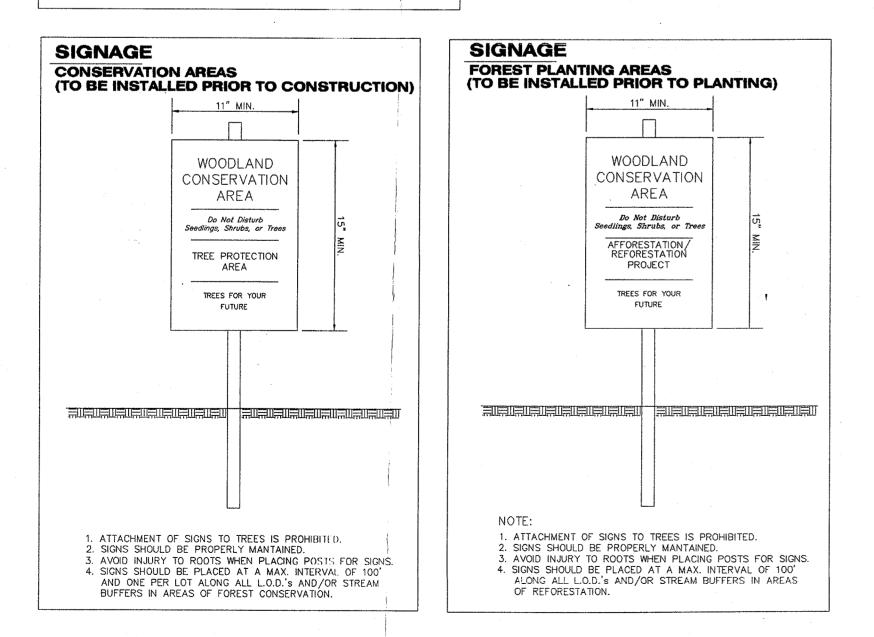
8. Woodland Conservation-Tree Save Areas and/or Reforestation Areas shall be posted as shown at the same time as Tree Protective Device installation and/or start of reforestation activities. These signs shall remain in place until the issuance

of the U & O for the 1st unit adjacent to the reforestation area. 9. All tree planting for woodland replacement, reforestation or afforestation will be completed prior to issuance of building permits for Lots 1-9. Failure to establish the woodland replacement, reforestation or afforestation within the prescribed time frame will result in the forfiture 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 DER Inspector.

10. The DER Inspector shall be notified prior to soil preparation or initiation of any tree planting on this site. 11. Results of survival checks for all tree plantings shall be reported to the DER

Inspector for that site. 12. Prior to the issuance on any permits the contractor responsible for soil preparation, site preparation, tree planting and tree maintenance must be identified.

Greg Wilby Chesapeake Custom Homes, LLC 6196 Oxon Hill Road, Suite 340 Oxon Hill, MD. 20745 (301) 567-1010



WOODLAND CONSERVATION AREA MANAGEMENT NOTES Prepared by the Environmental Planning Section, Planning Department, M-NCPPC

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.

1. 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 pruning, 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 (A Tree, 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.

Removal of Hazardous Trees, Hazardous Limbs, Noxious Plants, Invasive Plants or Non-Native Plants in Woodland Conservation Areas Owned by Individual Homeowners

1. If the developer or builder no longer has an interest in the property the home owner shall obtain a written statement from the Licensed Arborist or Licensed Tree Expert identifying the hazardous condition and the proposed corrective measures prior to having the work conducted. The tree may then be removed by the arborist or tree expert. The stump shall be cut as close to the ground as possible and left in place. The removal or grinding of the stumps in the woodland conservation area is not permitted.

2. The removal of noxious, invasive, and non-natives plant species from the woodland conservation areas may be done with the use of hand-held equipment only such as pruners or a chain saw. These plants may be cut near the ground and the material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.

3. The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to discourage re-sprouting of invasive, noxious, or non-native plants is permitted if done as an application of the chemical directly to the cut stump immediately following cutting of plant tops. The use of any herbicide shall be done in accordance with the label instructions.

Note: The use of chainsaws is extremely dangerous and should not be conducted with poorly maintained equipment, without safety equipment, or by individuals not trained in the use of this equipment for the pruning and/or cutting of

Protection of Reforestation and Afforestation Areas by Developers or Builders

1. 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 next planting season. A copy of that document shall be presented to the Grading Inspector and the Environmental Planning Section.

2. Reforestation areas shall not to be mowed, however, the management of competing vegetation around individual trees is acceptable.

Protection of Reforestation and Afforestation Areas by Individual Homeowners

1. Reforestation fencing and signage shall remain in place in accordance with the approved Type II Tree Conservation Plan or until the trees have grown sufficiently to have crown closure.

2. Reforestation areas shall not to be mowed, however, the management of competing vegetation around individual trees is acceptable.

Woodland Areas NOT Counted as Part of the Woodland Conservation Requirements

1. A revised Tree Conservation Plan is required prior to clearing any woodland area which is not specifically identified to be cleared on the most recently approved Type II Tree Conservation (TCP) on file in the office of the M-NCPPC. Environmental Planning Section located on the 4th flood of the County Administration Building at 14741 Governor Oden Bowie Drive, Upper Marlboro, Maryland 20772, phone 301-952-3650. Additional mitigation will be required for the clearing of all woodlands beyond that reflected on the approved plans. Although clearing may be allowed, it may be subject to additional replacement requirements, mitigation, and fees which must be reflected on TCP revisions approved by the M-NCPPC Environmental Planning Section.

2. Homeowners or property owners may remove trees less than two (2) inches diameter, shrubs, and vines in woodland areas which are saved but not part of the Woodland Conservation requirements after all permits have been released for the subject property. This area may not be tilled or have other ground disturbances which would result in damage to the tree roots. Raking the leaves and overseeding with native grasses, native flowers or native ground covers is acceptable. Seeding with invasive grasses including any variety of Kentucky 31 fescue is not acceptable.

FOR DESIGNATED INTERIOR PLANTING AREAS ONLY 14 GA GALV. VNYL COATED WRE STAPL ON BACK W/2"x4" MESH HOLES (MAX.) BOTTOM & 4"x4" HOLES (MAX.) @ TOP FENCE POSTS @ 8'-0" 0/C (TPD3) TREE PROTECTION FENCING TWO-STRAND STRAIGHT WIRE TEMPORARY FENCING 15' O.C. AVERAGE 12' ACCESS ROAD -- 1'-0" FENCE POSTS @ 8'-0" 0/C ANCHOR POSTS MUST BE INSTALLED TO A DEPTH OF NO LESS THAN 1/8 OF THE TOTAL HEIGHT OF POST SPLIT RAIL FENCE DETAIL 1. FOREST PROTECTION DEVICE ONLY. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED AND FLAGGED 1. FOREST PROTECTION DEVICE ONLY. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS I. ROOT DAMAGE SHOULD BE AVOIDED WHEN INSTALLING DEVICE. 3. BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED AND FLAGGE 5. PROTECTIVE SIGNAGE IS REQUIRED; 100' MAX. SPACING ALONG ALL

(TPD2)

PERMANENT FENCING

PRIOR TO INSTALLING DEVICE.

4. ROOT DAMAGE SHOULD BE AVOIDED WHEN INSTALLING DEVICE.

6. DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

5. PROTECTIVE SIGNAGE IS REQUIRED; 100' MAX. SPACING ALONG ALL.

I hereby acknowledge that I have been advised of the restrictions established by this Tree Conservation Plan. I further acknowledge that cutting, clearing, or CALL "MISS UTILITY"

15	Liriodendron tulipifera TULIP POPLAR	31	GOOD		SAVE	
16	Liriodendron tulipifera TULIP POPLAR	30	GOOD		SAVE	
17	Liriodendron tulipifera TULIP POPLAR	32	GOOD		SAVE	
18	Liriodendron tulipifera TULIP POPLAR	31	FAIR		SAVE	
19	Fagus grandifolia AMERICAN BEECH	31	FAIR		SAVE	
20	Fagus grandifolia AMERICAN BEECH	31	FAIR		SAVE	
21	Quercus alba WHITE OAK	31	FAIR		REMOVE	
22	Liriodendron tulipifera TULIP POPLAR	38	GOOD		REMOVE	
23	Liriodendron tulipifera TULIP POPLAR	35	GOOD		REMOVE	
24	Liriodendron tulipifera TULIP POPLAR	31	GOOD	NEAR TRAIL	SAVE	
25	Liriodendron tulipifera TULIP POPLAR	62	POOR	CAMBIUM ROT	SAVE	
26	Fagus grandifolia AMERICAN BEECH	40	GOOD		SAVE	
27	Acer rubrum RED MAPLE	30	GOOD	TRIPLE LEADER	SAVE	
28	Quercus velutina BLACK OAK	31	GOOD		SAVE	
29	Quercus velutina BLACK OAK	52	GOOD		SAVE	
30	Liriodendron tulipifera TULIP POPLAR	46	GOOD	MULTI-LEADER	SAVE	
31	Liriodendron tulipifera TULIP POPLAR	30	FAIR		SAVE	
32	Liriodendron tulipifera TULIP POPLAR	34	GOOD		SAVE	
33	Fagus grandifolia AMERICAN BEECH	34	GOOD		SAVE	
34	Liriodendron tulipifera TULIP POPLAR	32	GOOD		SAVE	
35	Liriodendron tulipifera TULIP POPLAR	52	FAIR		SAVE	
36	Liriodendron tulipifera TULIP POPLAR	34	GOOD	MULTI-LEADER	SAVE	
37	Platanus occidentalis AMERICAN SYCAMORE	41	GOOD		SAVE	
38	Quercus velutina BLACK OAK	35	GOOD		SAVE	
39	Fagus grandifolia AMERICAN BEECH	34	GOOD		SAVE	
40	Liriodendron tulipifera TULIP POPLAR	47	GOOD		SAVE	
41	Quercus falcata SOUTHERN RED OAK	34	GOOD		SAVE	
42	Liriodendron tulipifera TULIP POPLAR	36	GOOD		SAVE	
67	Liriodendron tulipifera TULIP POPLAR	34	POOR	DAMAGED	SAVE	
68	Fagus grandifolia AMERICAN BEECH	30	GOOD		SAVE	
	AMERICAN DEECH					· · · · · · · · · · · · · · · · · · ·

SPECIMEN TREE IDENTIFICATION LIST

* TREE

CONDITION

D.B.H.

BOTANICAL NAME/

COMMON NAME

TREE

NOTES

PROTECTION MEASURES/NOTES **CHESAPEAKE CUSTOM HOMES 301-218-2218**

TREE

Dewberry

DR. ADEKUNLE (KEJI) M. OKE

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KEY PLAN

No. DATE BY Description REVISIONS

AUGUST 2011 DATE TITLE TREE

CONSERVATION PLAN TYPE II **LOT 5 ONLY**

83214

PROJECT NO.

1-800-257-7777

Environmental Planning Section.

L.O.D.'s AND/OR STREAM BUFFERS.

6. DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

damaging trees or understory vegetation in the Woodland Conservation Area without a revision to this plan or written authorization from the M-NCPPC

trees may be pruned or removed after obtaining a written report from a Licensed Arborist or Licensed Tree Expert and providing a copy to the M-NCPPC

Environmental Planning Section or the Department of Environmental Resources will constitute a violation of the Woodland Conservation Ordinance. Hazardous

FOR UTILITY LOCATIONS T LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION

M-NCPPC

Prince George's County Planning Department Environmental Planning Section APPROVAL TREE CONSERVATION PLAN

TCPII / 014 / 11

CONTRACTORS ASSOCIATION (LATEST EDITION). B. PLANT MATERIALS

THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL AND/OR DIG, BALL, BURLAP AND TRANSPLANT ALL OF THE PLANT MATERIALS CALLED FOR ON THE DRAWINGS AND/OR LISTED IN THE PLANT SCHEDULE. PLANT NAMES

ALL PLANT MATERIALS SHALL BE EQUAL TO OR BETTER THAN THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK," LATEST EDITION, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (HEREAFTER REFERRED TO AS AAN STANDARDS). ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, SHALL HAVE A NORMAL HABIT OF GROWTH, AND SHALL BE FIRST QUALITY, SOUND, VIGOROUS, WELL-BRANCHED AND WITH HEALTHY, WELL-FURNISHED ROOT SYSTEMS. THEY SHALL BE FREE OF DISEASE, INSECT PESTS AND MECHANICAL

(A) ALL PLANTS SHALL BE NURSERY GROWN AND SHALL HAVE BEEN GROWN UNDER THE SAME CLIMATE CONDITIONS AS THE LOCATION OF THIS PROJECT FOR AT LEAST TWO YEARS BEFORE PLANTING. NEITHER HEELED-IN PLANTS NOR PLANTS FROM COLD STORAGE WILL BE ACCEPTED.

(B) COLLECTED PLANTS OR TRANSPLANTED TREES MAY BE CALLED FOR BY THE LANDSCAPE ARCHITECT AND USED, PROVIDED, HOWEVER, THAT LOCATIONS AND SOIL CONDITIONS WILL PERMIT PROPER BALLING.

3. PLANT MEASUREMENTS

ALL PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED IN THE PLANT SCHEDULE.

(A) CALIPER MEASUREMENTS SHALL BE TAKEN SIX INCHES (6") ABOVE GRADE FOR TREES UNDER FOUR-INCH (4") CALIPER AND TWELVE INCHES (12") ABOVE GRADE FOR TRÉES FOUR INCHES (4") IN CALIPER AND OVER.

(B) MINIMUM BRANCHING HEIGHT FOR ALL SHADE TREES SHALL BE SIX FEET (6').

(C) MINIMUM SIZE FOR PLANTING SHADE TREES SHALL 2-1/2"-3"CALIPER, 12'-14' IN HEIGHT.

(D) MINIMUM SIZE FOR PLANTING MINOR SHADE TREES SHALL BE 2-1/2"-3" IN CALIPER, 8'-10' IN HEIGHT. (E) MINIMUM SIZE FOR PLANTING ORNAMENTAL TREES SHALL

BE 1-1/2"-1-3/4" CALIPER, 7-9' HEIGHT. (F) MINIMUM SIZE FOR PLANTING EVERGREEN TREES SHALL BE

(G) CALIPER, HEIGHT, SPREAD AND SIZE OF BALL SHALL BE GENERALLY AS FOLLOWS:

CALIPER HEIGHT SPREAD 2-2-1/2" 12'--14' 6'-8' 2-1/2"-3" 12'--14' 6'-8' 3"-3-1/2" 14'-16' · 6'-8' 3-12"-4"14'-16' 8'-10'

4"-4-1/2"

4-1/2"-5"

5"-5-1/2"

5-1/2"-6" 18'-20' 12'-14' ALL PLANT MATERIAL SHALL GENERALLY AVERAGE THE MEDIAN FOR THE SIZE RANGES INDICATED ABOVE AND AS

16-18

16'-18'

18'-20'

10'-12'

10'-12'

(H) MINIMUM SIZE FOR PLANTING SHRUBS SHALL BE. IN GENERAL, 18"-24" IN HEIGHT OR SPREAD, AS APPROPRIATE, EXCEPT THAT A LARGER SIZE MAY BE REQUIRED WHEN DEEMED APPROPRIATE BY THE PLANNING DIRECTOR OR DESIGNEE IN THE CASE OF PARTICULAR SPECIES OR PLANTING SITUATIONS.

INDICATED IN THE "AAN STANDARDS."

C. PLANTING METHODS

ALL PROPOSED PLANT MATERIAL THAT MEETS THE SPECIFICATIONS IN SECTION B ABOVE ARE TO BE PLANTED IN ACCORDANCE WITH THE FOLLOWING PLANTING METHODS DURING THE PROPER SEASONS AS DESCRIBED BELOW.

PLANTING SEASONS

A PROFESSIONAL HORTICULTURALIST/NURSERYMAN SHALL BE CONSULTED TO DETERMINE THE PROPER TIME, BASED ON PLANT SPECIES AND WEATHER CONDITIONS, TO MOVE AND INSTALL PARTICULAR PLANT MATERIAL TO MINIMIZE STRESS TO THE PLANT. PLANTING OF DECIDUOUS MATERIAL MAY BE CONTINUED DURING THE WINTER MONTHS PROVIDED THERE IS NO FROST IN THE GROUND AND FROST-FREE TOP SOIL PLANTING MIXTURES ARE USED.

2. DIGGING

ALL PLANT MATERIAL SHALL BE DUG, BALLED AND BURLAPPED (B+B) OR BARE ROOT IN ACCORDANCE WITH THE "AAN STANDARDS."

3. EXCAVATION OF PLANT PITS

THE LANDSCAPE CONTRACTOR SHALL EXCAVATE ALL PLANT PITS, VINE PITS, HEDGE TRENCHES AND SHRUB BEDS AS FOLLOWS: (A) ALL PITS SHALL BE GENERALLY CIRCULAR IN OUTLINE, WITH VERTICAL SIDES. THE TREE PIT SHALL BE DEEP ENOUGH TO ALLOW 1/8 OF THE BALL TO BE ABOVE THE EXISTING GRADE. PLANTS SHALL REST ON UNDISTURBED EXISTING SOIL OR WELL COMPACTED BACKFILL. THE TREE PIT MUST BE A MINIMUM OF NINE (9) INCHES LARGER ON EVERY SIDE THAN

(B) IF AREAS ARE DESIGNATED AS SHRUB BEDS OR HEDGE TRENCHES, THEY SHALL BE CULTIVATED TO AT LEAST 18" DEPTH MINIMUM. AREAS DESIGNATED FOR GROUND COVERS AND VINES SHALL BE CULTIVATED TO AT LEAST 12" IN DEPTH

4. STAKING, GUYING AND WRAPPING

SEE THE LANDSCAPE SPECIFICATION GUIDELINES.

5. PLANT PRUNING, EDGING AND MULCHING

THE BALL OF THE TREE.

(A) EACH TREE, SHRUB OR VINE SHALL BE PRUNED IN AN APPROPRIATE MANNER TO ITS PARTICULAR REQUIREMENTS, IN ACCORDANCE WITH ACCEPTED STANDARD PRACTICE. BROKEN OR BRUISED BRANCHES SHALL BE REMOVED WITH CLEAN CUTS MADE ON AN ANGLE FROM THE BARK RIDGE TO THE BRANCH COLLAR, NO FLUSH CUTS, TO MINIMIZE THE AREA CUT. ALL CUTS SHALL BE MADE WITH SHARP TOOLS. TRIM ALL EDGES SMOOTH . NO TREE WOUND DRESSINGS SHALL BE APPLIED.

(B) ALL TRENCHES AND SHRUB BEDS SHALL BE EDGED AND CULTIVATED TO THE LINES SHOWN ON THE DRAWING. THE AREAS AROUND ISOLATED PLANTS SHALL BE EDGED AND CULTIVATED TO THE FULL DIAMETER OF THE PIT. SOD WHICH HAS BEEN REMOVED AND STACKED SHALL BE USED TO TRIM THE EDGES OF ALL EXCAVATED AREAS TO THE NEAT LINES OF THE PLANT PIT SAUCERS, THE EDGES OF SHRUB AREAS, HEDGE TRENCHES AND VINE POCKETS.

(C) AFTER CULTIVATION, ALL PLANT MATERIALS SHALL BE MULCHED WITH A 2"-3" LAYER OF TAN BARK, PEAT MOSS, OR ANOTHER APPROVED MATERIAL OVER THE ENTIRE AREA OF THE BED OR SAUCER.

D. SEEDING AND SODDING

ALL SEEDING AND SODDING SHALL BE AS PER "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN URBANIZING AREAS" AS PUBLISHED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES.

E. BIORETENTION PLANTING AREAS

ALL PLANTS AND LANDSCAPE WORK IN THE BIORETENTION AREAS, AS NOTED ON THE PLAN, SHALL BE INSTALLLED IN STRICT ACCORDANCE WITH THE GUIDELINES SET FORTH IN THE PRINCE GEORGE'S COUNTY "DESIGN MANUAL FOR USE OF BIORETENTION IN STORMWATER MANAGEMENT."

1. WARRANTY TREES, SHRUBS, PLANTS, AND ALL LAWN AREAS FOR A PERIOD OF ONE YEAR AFTER DATE OF WRITTEN ACCEPTANCE BY THE OWNER, AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING IN NEGLECT BY OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCEDENTS BEYOND THE INSTALLER'S CONTROL.

2. REMOVE AND REPLACE TREES, SHRUBS, PLANTS, AND LAWN AREAS FOUND TO DEAD OR IN UNHEALTHY CONDITION DURING WARRANTY PERIOD. MAK REPLACEMENTS DURING GROWTH SEASON FOLLOWING THE END OF WARRANTY PERIOD. REPLACE ANY PLANTS WHICH ARE IN DOUBTFUL CONDITION AT THE END OF WARRANTY PERIOD; UNITSS IN OPINION OF OWNER, IT IS ADVISABLE

TO EXTEND WARRANTY PERIOD FOR A FULL GROWING SEASON. 3. WARRANTY BIORETENTION PLANTS AND LANDSCAPE WORK AS PER THE GUIDELINES SET FORTH IN THE PRINCE GEORGE'S COUNTY "DESIGN MANUAL FOR USE OF BIORETENTION IN STORMWATER MANAGEMENT."

LANDSCAPE NOTES

1. THIS LANDSCAP! PLAN HAS BEEN PREPARED BY DEWBERRY & DAVIS. NO CHANGES SHALL BE MADE TO THIS PLAN WITHOUT PERMISSION FROM DEWBERRY & I)AVIS. ANY UNAUTHORIZED CHANGES BY OTHER PARTIES WILL NOT BE THE RESPONSIBILITY OF DEWBERRY & DAVIS.

2. THIS PLAN FOR LANDSCAPE PURPOSES ONLY. SEE SITE PLAN FOR ALL LAYOUT AND CRADING INFORMATION.

3. THE LANDSCAPE WORK OF THIS PROJECT SHALL BE PERFORMED PER THE LATEST EDITION OF THE PRINCE GEORGES COUNTY LANDSCAPE MANUAL. 4. PLANTS SHALL MEET OR EXCEED CURRENT "AMERICAN STANDARDS FOR NURSERY STOCK" BY AMERICAN ASSOCIATION OF NURSERYMAN (AAN) PARTICULARLY WITH REGARDS TO SIZE, GROWTH, SIZE OF BALL, AND DENSITY OF BRANCH STRUCTURE.

5. ALL PLANTS (B&B OR CONTAINER) SHALL BE PROPERLY IDENTIFIED BY WEATHERPROOF LABELS SECURELY ATTACHED THERETO BEFORE DELIVERY TO PROJECT SITE. LABELS SHALL IDENTIFY PLANTS BY NAME, SPECIES AND SIZE. LABELS SHALL NOT BE REMOVED UNTIL THE FINAL INSPECTION BY THE LANDSCAPE ARCHITECT.

ANY MATERIALS AND/OR WORK MAY BE REJECTED BY THE LANDSCAPE ARCHITECT IF II DOES NOT MEET THE REQUIREMENTS OF THE PECIFICATIONS. ALL REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.

7. PLANT QUANTITIES SHOWN IN THE PLANT LIST ARE FOR LANDSCAPE ARCHITECTS CONVENIENCE ONLY. PRIOR TO SUBMITTING A BID OR ESTIMATE, CONTRACTOR SHALL VERIFY THAT TOTAL QUANTITIES SHOWN ON THE PLAN MATCH QUANTITIES INDICATED IN PLANT LIST. SHOULD DISCRIPANCIES OCCUR, PLAN INFORMATION SHALL TAKE PRIORITY, AND LANDSCAPE ARCHITECT SHALL BE NOTIFIED

8. THE CONTRACTOR SHALL FURNISH ALL PLANTS TO COMPLETE THE WORK AS INDICATED ON THE PLAN AND SPECIFIED IN THE PLANT LIST.

SUBSTITUTIONS IN PLANT SPECIES OR SIZE SHALL NOT BE PERMITTED EXCEPT WITH THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.

10. PLANTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS AND BY SCALING OR AS DESIGNATED IN THE FIELD BY THE LANDSCAPE ARCHITECT. ALL LOCATIONS OF PLANTS AND PLANTING BEDS ARE TO BE STAKED AND APPROVED BY THE LANDSCAPE ARCHITECT BEFORE

11. ALL SOIL AREAS NOT SHOWN TO RECEIVE PLANT MATERIALS SHALL BE SEEDED FOR IAWN AS SPECIFIED IN THE PRINCE GEORGES COUNTY LANDSCAPE MANUAL.

12. CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-257-7777) PRIOR TO ANY EXCAVATION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICES. ANY DAMAGE INCURRED DUE TO THE CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT CONTRACTOR'S

13. THE CONTRACIOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. SHOULD ANY CONFLICTS OCCUR BETWEEN PROPOSED CONSTRUCTION OR PLANTINGS AND ACTUAL UTILITY LOCATIONS, THE OWNER AND THE LANDSCAPE ARCHITECT MUST BE NOTIFIED PRIOR TO ANY EXCAVATION OR GRADING. ALL ENTRANCE WALLS, PIERS AND PLANTING BEI) LOCATIONS MUST BE FIELD STAKED BY THE CONTRACTOR AND THE LOCATION APPROVED BY THE OWNER PRIOR TO CONSTRUCTION.

14. IF UTILITY LINES ARE ENCOUNTERED IN EXCAVATION OF TREE PITS, OTHER LOCATIONS FOR THE TREES SHALL BE SELECTED BY THE LANDSCAPE ARCHITECT. SUCH CHANGES SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION. NO CHANGES OF LOCATION SHALL BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE

15. NO WORK IN PUBLIC RIGHT-OF-WAY SHALL BE DONE UNLESS ALL THE REQUIRED PERMITS ARE OBTAINED.

16. ALL EQUIPMENT AND TOOLS SHALL BE PLACED SO AS TO NOT INTERFERE OR HINDER THE PEDESTRIAN AND VEHICULAR TRAFFIC FLOW.

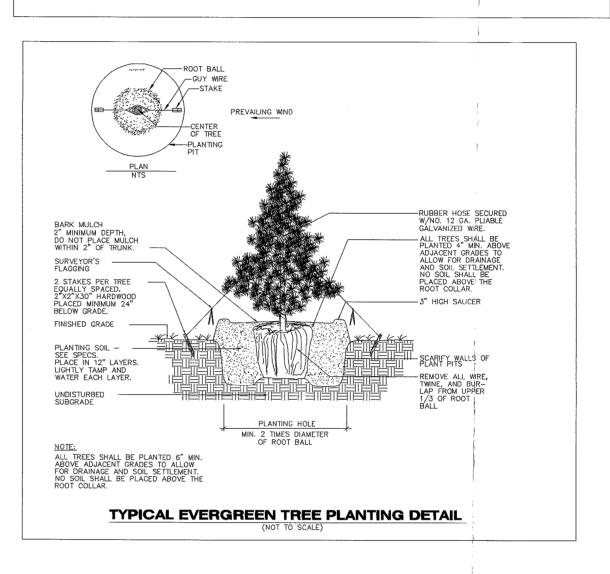
17. DURING PLANTING OPERATIONS EXCESS AND WASTE MATERIALS SHALL BE DISPOSED OF PROPERLY OFFSITE AT NO EXTRA COST TO THE OWNER.

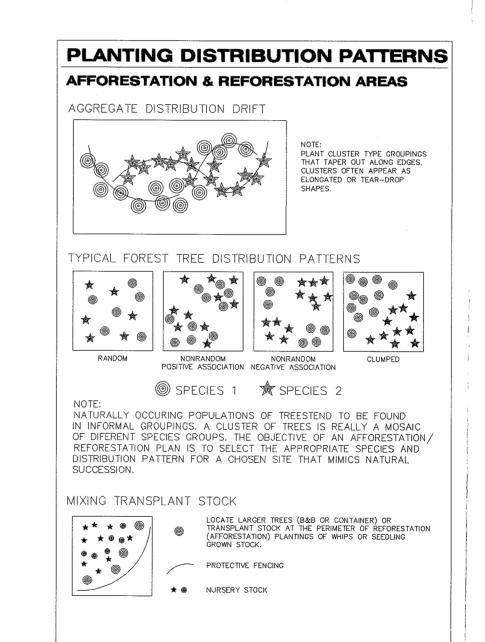
18. ALL PLANTS AND LANDSCAPE WORK IN THE BIORENTION AREAS, AS NOTED ON THE PLAN, SHALL BE INSTALLLED IN STRICT ACCORDANCE WITH THE GUIDELINES SET FORTH IN THE PRINCE GEORGE'S COUNTY "DESIGN MANUAL FOR USE OF BIORETENTION IN STORMWATER MANAGEMENT."

AFFORESTATION REQUIREMENTS 1000 SEEDLINGS PER ACRE

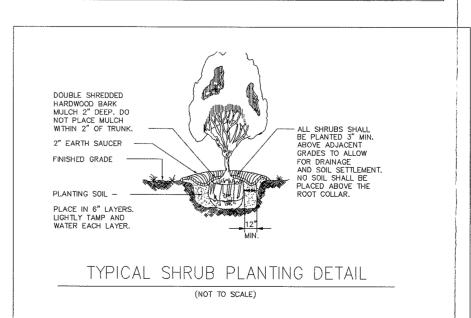
> 1 SHRUB = 1 SEEDLING 1/2 " CALIPER = 1 SEEDLING 1 " CALIPER = 2 SEEDLINGS 2 " CALIPER = 4 SEEDLINGS 2.5 " CALIPER = 5 SEEDLINGS 6-8' SAPLINGS = 2.5 " CALIPER OR 4-5 SEEDLINGS 12' SAPLING = 3.5" CALIPER OR 7 SEEDLINGS

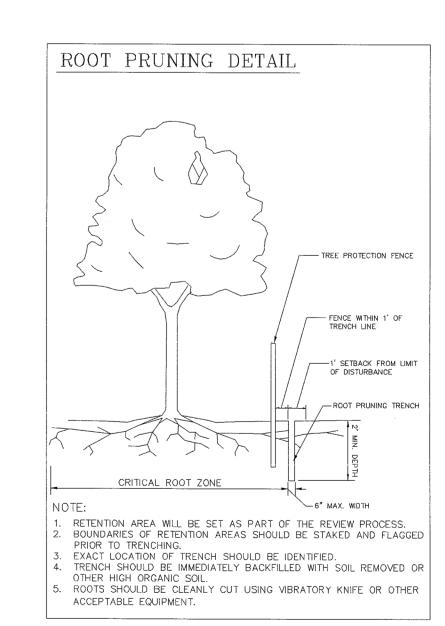
BRANCH HEIGHT (A.A.N. STANDARD) RUBBER HOSE SECURED W/NO. 12 GA. PLIABLE GALVANIZED WIRE, 3" HIGH SAUCER -- PAPER TREE WRAP - FINISHED GRADE REMOVE ALL WIRE, TWINE, AND BURLAP FROM UPPER 1/3 OF ROOT BALL TYPICAL TREE PLANTING DETAIL

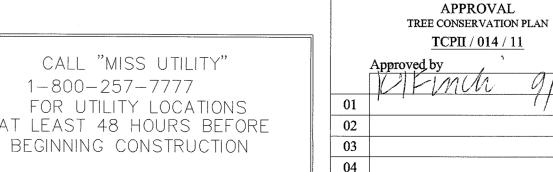












M-NCPPC

Prince George's County Planning Department

Environmental Planning Section



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> OWNER DR. ADEKUNLE (KEJI) M. OKE 10306 FOX DALE COURT

MITCHELLVILLE, MD 20721 CONTACT

DEVELOPER: GREG WILBY CHESAPEAKE CUSTOM HOMES 301-218-2218 ENGINEER: GURMEET GAHUNIA TEL (301) 731-5551 FAX (301) 731-0188

KEY PLAN

SCALE

No. DATE BY Description REVISIONS

CHECKED BY AUGUST 2011 DATE TITLE TREE

CONSERVATION PLAN TYPE II **LOT 5 ONLY**

PROJECT NO. 83214

APPROVED BY

OF **5**