WALKER MILL REGIONAL PARK PARK IMPROVEMENTS, WATER & SEWER EXTENSION

The Maryland - National Capital Park and Planning Commission Department of Parks and Recreation

Park Planning & Development Division, Prince George's County, Maryland

PROPERTY NOTES

PROPERTY OR SUBDIVISION NAME:
GROSS PROPERTY TRACT:
EXISTING WOODLAND = WCT
WOODLAND CLEARED FIR -06 REVISION:

OWNER: ADDRESS: WALKER MILL REGIONAL PARK 277.86 ACRES 228.14 ACRES 4.46 ACRES

MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISION 6600 KENILWORTH AVENUE RIVERDALE, MARYLAND 20737

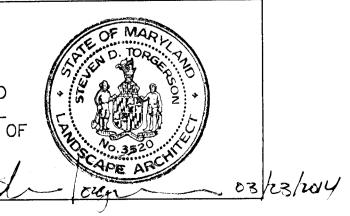
- 1. ZONING: R-O-S
- 2. TOTAL AREA OF TCPII-95-98: 246.34 ACRES
- 3. PROPOSED LIMITS OF DISTURBANCE: 4.46 ACRES
- 4. PARTION OF THE WORK IS WITHIN THE 100 YR FLOOD PLAIN.
- 5. NO PART OF THE PROPOSED -06 REVISION DISTURBS NONTIDAL WETLANDS.
- 6. THE HIKER-BIKER TRAIL FROM RICHVILLE DRIVE IS BY OTHERS, N.I.C.
- 7. FULL BUILD OUT OF ALL AMMENITIES WILL BE DONE IN COMING YEARS.
- 8. TCP 2-95-98 06 INCLUDES THE FOLLOWING PARCELS, WHICH ARE LOCATED SOUTH OF WALKER MILL ROAD AND RITCHIE ROAD.

PARCEL	Α			78.68
PARCEL	162,	PART	2	20.01
PARCEL	13			15,33
PARCEL	57			87.39
PARCEL	54			25.68
PARCEL	322			14.27
PARCEL	В			8.18
PARCEL	<u>176</u>			<u>2.71</u>
OTAL:			246.	34 AC

			M-NCPPO E GEORGE'S PLANN VIRONMENTAL PLAN TREE CONSERVAT TABLE OF RE	ING DEPARTMEN NING SECTION TON PLAN	Ť	
			TCP2- <u>09</u> 5	5 <u>98</u> _		
REVISION NUMBER	PURPOSE OF REVISION	DATE APPROVED	WOODLAND IMPACTS & AFFORESTATION REQUIRED	AFFORESTATION PROVIDED	LOCATION OF AFFORESTATION	REMARKS
-00	ORIGINAL APPROVAL; CONSTRUCTION OF BERRY LAND PARK ALSO KNOWN AS SOUTHERN PLAY AREA ADDITION	08/05/1998	0.79 ACRES	0.00	AFFORESTATION APPROVED ON NORTH PORTION OF TRACT 162 OF TCPII-95-98 (NOW SEPARATED AS TCPII-036-09); RELOCATED TO PAINT BRANCH STREAM VALLEY PARK	AFFORESTATION NOT IMPLEMENTED AS OF 08/01/2009; PROPOSED TO BE RELOCATED OFF-SITE WITH -04 REVISION
-01	OFF-SITE AFFORESTATION AREA ESTABLISHED FOR RCPII-070-98 LITTLE WASHINGTON NEIGHBORHOOD PARK	10/29/1998	6.9 ACRES	0.00	TCPII-095-98; RELOCATED TO PAINT BRANCH STREAM VALLEY PARK	AFFORESTATION NOT IMPLEMENTED AS OF 08/01/2009; PROPOSED TO BE RELOCATED OFF-SITE WITH -04 REVISION
-02	HIKER-BIKER TRAIL: PHASE I (N-S) PHASE II (E-W)	07/02/2001	4.5 ACRES (TOTAL) PHASE I: 2.3 ACRES PHASE II: 2.2 ACRES	0.00	AFFORESTATION APPROVED ON NORTH PORTION OF TRACT 162 OF TCPII-95-98 (NOW SEPARATED AS TCPII-036-09); RELOCATED TO PAINT BRANCH STREAM VALLEY PARK	AFFORESTATION NOT IMPLEMENTED AS OF 08/01/2009; PROPOSED TO BE RELOCATED OFF-SITE WITH -04 REVISION
-03	REALIGNMENT OF PHASE II (E-W) HIKER-BIKER TRAIL	02/26/2009	PHASE II: .26 ACRES (TOTAL REDUCED TO 2.56 ACRES)	0.00	AFFORESTATION APPROVED ON NORTH PORTION OF TRACT 162 OF TCPII-95-98 (NOW SEPARATED AS TCPII-036-09); RELOCATED TO PAINT BRANCH STREAM VALLEY PARK	TEMPORARY REVISION, TO BE INCORPORATED INTO -04 REVISION
-04	MAJOR RECREATION FACILITY IMPROVEMENTS AND EXTENSION OF WATER AND SEWER LINES	10/14/2009	4.46 ACRES	14.77 ACRES	AFFORESTATION PROVIDED AT PAINT BRANCH STREAM VALLEY PARK	
-05	REALIGNMENT OF RECREATIONAL TRAIL	2/20/2013	0.00 ACRES	0.00		
-06	SKATE PARK AND ADA COMPLIANT PATH ADDITION		0.00 ACRES	0.00		

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31196, EXPIRATION DATE 16 JANUARY 2015."



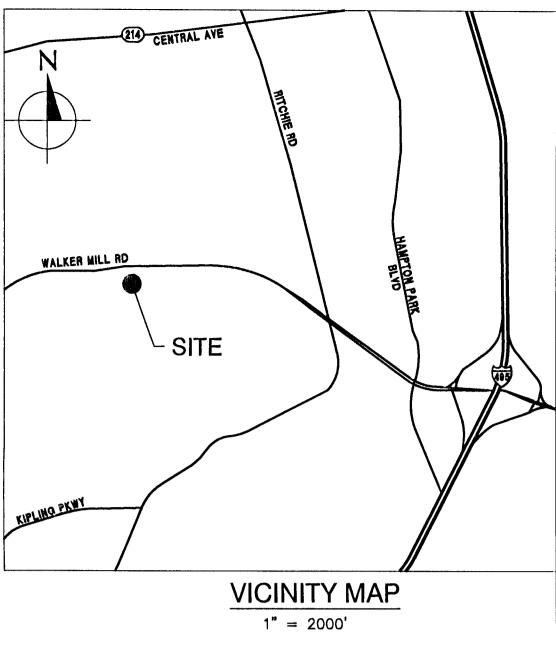
REVISION TO TCP II/95/98. AREA OF NEW SITE IMPROVEMENTS FOR THIS AREA OF THE REGIONAL PARK WITH REVISION -06 SKATE PARK. **KETTERI NG** HILL ROAD PARK FERNWOOD TRAILER PARK DISTRICT HEIGHTS SUNNY ACRES OAK MANOR WESTPHALI A WESTPHALIA ESTATES KEYSTONE MANOR

VICINITY MAP

LOCATION OF PRIOR TCP

1 IN. = 2000 FT.

TREE CONSERVATION PLAN - TYPE II



ENVIRONMENTAL NOTES

1. THE TOPOGRAPHY SHOWN ON THIS PLAN IS FROM MNCPPC-PARKS DEPT. IF THE TOPOGRAPHIC SOURCE CHANGES IN THE FUTURE, A REVISED EXISTING CONDITIONS/SIMPLIFIED FSD AND/OR TCPII MAY BE REQUIRED IF THE DELINEATIONS OF REGULATED AREAS AND IMPACTED AREAS CHANGE SIGNIFICANTLY.

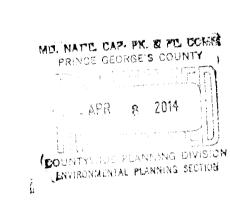
2. NO WETLANDS DISTURBANCE WILL OCCUR AS PART OF THE CURRENT PLAN REVISION. ANY FUTURE REVISION TO THIS TCPII PLAN MAY REQUIRE THE SUBMITTAL OF A WETLANDS STUDY OR A SIGNED JURISDICTIONAL DETERMINATION, AND MUST INCLUDE THE LOCATION OF ALL WETLAND MITIGATION AREAS PROVIDED OR PROPOSED ON THE SITE.

3. THE SOURCE OF THE PROPERTY BOUNDARIES ON THIS PLAN IS FROM PRINCE GEORGE'S CO-MNCPPC GIS FILES. METES AND BOUNDS WERE NOT AVAILABLE.

4. THE SUBJECT PROPERTY IS NOT WITHIN OR ADJACENT TO A RARE, THREATENED OR ENDANGERED SPECIES EVALUATION AREA ACCORDING TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCE NATURAL HERITAGE PROGRAM. A LETTER HAS NOT BEEN REQUIRED OR OBTAINED FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCE NATURAL HERITAGE PROGRAM.

5. FOR PURPOSES OF THIS REVISION TO AN APPROVED TCPII, A FSD WAS NOT CONDUCTED OF THE ENTIRE LIMITS OF PARCEL "A", 13, 162 AND 176, AND NO TOTAL AREA FOR EXISTING WOODLAND HAS BEEN DETERMINED. A SURVEY OF SPECIMEN TREES LOCATED ON THE PROPERTY HAS NOT BEEN CONDUCTED, ALTHOUGH SOME INDIVIDUAL TREES HAVE BEEN IDENTIFIED ON THE PLANS, AND WERE LOCATED USING FIELD OBSERVATIONS OR SURVEYED LOCATIONS BY MNCPPC.

6. ANY FUTURE REVISION TO THE TCPII/95/98 WILL REQUIRE PREPARATION OF AN NRI AND DETAILED FOREST STAND DELINEATION, FOR THE PROJECT LIMITS OF DISTURBANCE AND 100 FEET OUTSIDE THE LIMIT OF DISTURBANCE.



SHEET 8

SHEET 9

SHEET 15

SHEET 3

SHEETS 9-14

SHEETS 1-7

SHEET 6, 15

SHEET INDEX

REVISION -00 BERRY LAND PLAYGROUND
REVISION -01 LITTLE WASHINGTON NEIGHBORHOOD PARK
REVISION -02 HIKER-BIKER TRAIL, PHASE 1 & 11
REVISION -03 HIKER-BIKER TRAIL REALIGNMENT, PHASE I
REVISION -04 RECREATION FACILITY IMPROVEMENTS
REVISION -05 HIKE-BIKE TRAIL REALIGNMENT
REVISION -06 SKATE PARK

M-NCPPC
PRINCE GEORGE'S PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
TREE CONSERVATION PLAN

APPROVAL

TCP2-_95_-98_

STAFF SIGNATURE DATE
INITIAL APPROVAL DFW 08/05/98

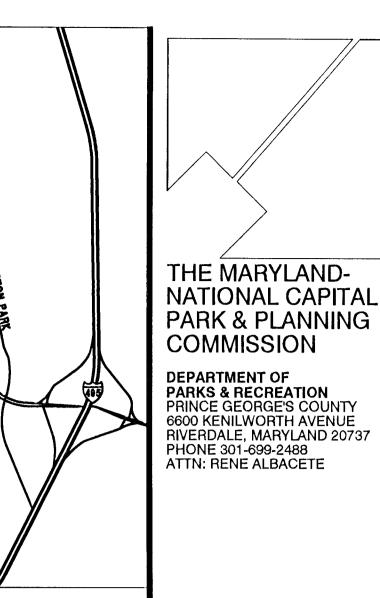
01 REVISION SM 10/29/98

02 REVISION KIF 07/02/01

03 REVISION KIF 02/26/09

04 REVISION KIF 10/14/09

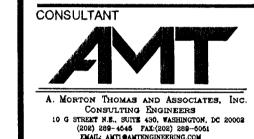
05 REVISION KIF 2/20/13



WALKER MILL REGIONAL PARK (SOUTH TRACT)

ELECTION DISTRICT 6
CAPITOL HEIGHTS, MD

SITE DEVELOPMENT CONCEPT PLAN



DESIGN: CMS/SDT
DRAWN: CMS/SDT
REVIEW: ABS

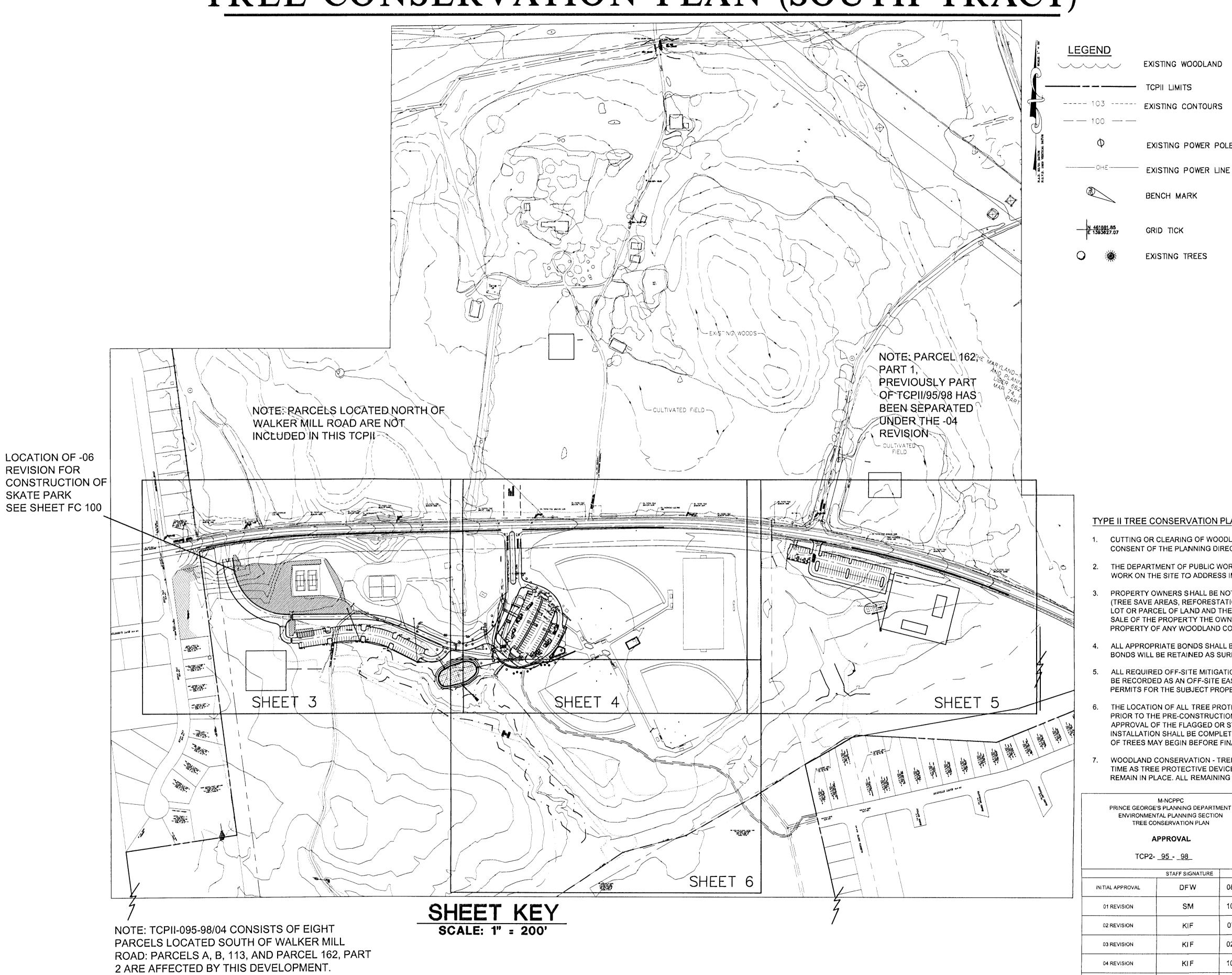
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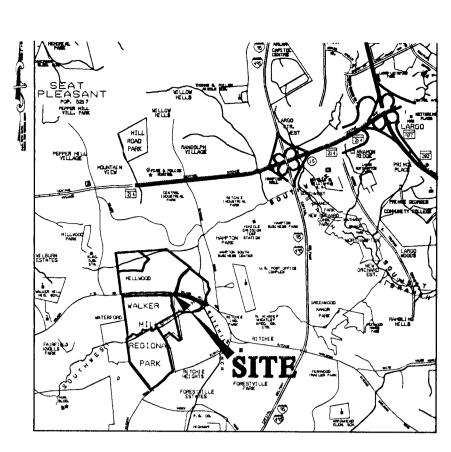
TCP II KEY PLAN 95-98 FOR PARK CONSTRUCTION REVISION -06

BID NO.	*****************
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ISSUE:	DATE
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AMT JOB NO. 108-157.044

WALKER MILL KEY REGIONAL PARK TREE CONSERVATION PLAN (SOUTH TRACT)





VICINITY MAP SCALE 1"=4000' ADC PG CO. 2007 EDITION MAP PG 5651 GRID D5, E5, F5, D6, E6

ENVIRONMENTAL NOTES

1. THE TOPOGRAPHY SHOWN ON THIS PLAN IS FROM MNCPPC-PARKS DEPT. IF THE TOPOGRAPHIC SOURCE CHANGES IN THE FUTURE, A REVISED EXISTING CONDITIONS/SIMPLIFIED FSD AND/OR TCPII MAY BE REQUIRED IF THE DELINEATIONS OF REGULATED AREAS AND IMPACTED AREAS CHANGE SIGNIFICANTLY.

2. NO WETLANDS DISTURBANCE WILL OCCUR AS PART OF THIS PLAN. . ANY FUTURE REVISION TO THIS TCPII PLAN MAY REQUIRE THE SUBMITTAL OF A WETLANDS STUDY OR A SIGNED JURISDICTIONAL DETERMINATION, AND MUST INCLUDE THE LOCATION OF ALL WETLAND MITIGATION AREAS PROVIDED OR PROPOSED ON THE SITE.

3. THE SOURCE OF THE PROPERTY BOUNDARIES ON THIS PLAN IS FROM PRINCE GEORGE'S CO-MNCPPC GIS FILES. METES AND BOUNDS WERE NOT AVAILABLE.

4. THE SUBJECT PROPERTY IS NOT WITHIN OR ADJACENT TO A RARE, THREATENED OR ENDANGERED SPECIES EVALUATION AREA ACCORDING TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCE NATURAL HERITAGE PROGRAM A LETTER HAS NOT BEEN REQUIRED OR OBTAINED FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCE NATURAL HERITAGE PROGRAM.

5. FOR PURPOSES OF THIS REVISION TO AN APPROVED TCPII, A FSD WAS NOT CONDUCTED OF THE ENTIRE LIMITS OF PARCEL "A", 13, 162 AND 176, AND NO TOTAL AREA FOR EXISTING WOODLAND HAS BEEN DETERMINED. A SURVEY OF SPECIMEN TREES LOCATED ON THE PROPERTY HAS NOT BEEN CONDUCTED, ALTHOUGH SOME INDIVIDUAL TREES HAVE BEEN IDENTIFIED ON THE PLANS, AND WERE LOCATED USING FIELD OBSERVATIONS OR SURVEYED LOCATIONS BY

6. ANY FUTURE REVISION TO THE TCPII/95/98 WILL REQUIRE PREPARATION OF A DETAILED FOREST STAND DELINEATION, AS THE INFORMATION USED IN THIS PREPARATION OF THIS PLAN IS NO LONGER VALID BECAUSE IT IS OVER FIVE

TYPE II TREE CONSERVATION PLAN NOTES:

EXISTING WOODLAND

EXISTING POWER POLE

EXISTING POWER LINE

GRID TICK

EXISTING TREES

- 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.
- THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (DPW&T) SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO ADDRESS IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN.
- 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 CONSERVATION AREAS.
- 4. ALL APPROPRIATE BOINDS 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 ACTIVITIES HAVE BEEN SATISFIED.
- 5. ALL REQUIRED OFF-SITE MITIGATION SHALL BE IDENTIFIED ON AN APPROVED TCPII FOR THE OFF-SITE LOCATION AND SHALL BE RECORDED AS AN OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGE'S COUNTY PRIOR TO ISSUANCE OF ANY PERMITS FOR THE SUBJECT PROPERTY.
- THE LOCATION OF ALL TREE PROTECTIVE DEVICES (TPDS) 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 DPW&T. UPON APPROVAL OF THE FLAGGED OR STAKED TPD LOCATIONS BY THE INSPECTOR, INSTALLATION OF THE TPDS 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 INSTALLATION.
- 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. ALL REMAINING FOREST ON-SITE WILL BE PLACED INTO A LONG-TERM PROTECTION AGREEMENT.

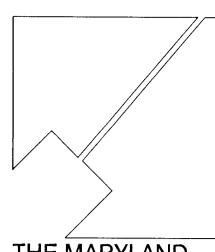
APPROVAL					
TCP2- <u>95</u> - <u>98</u>					
STAFF SIGNATURE DATE					
INITIAL APPROVAL	DFW	08/05/98			
01 REVISION	SiM	10/29/98			
02 REVISION	KIF	07/02/01			
03 REVISION	KIF	02/26/09			
04 REVISION	KIF	10/14/09			
05 REVISION	KIF	2/20/13			
06 REVISION	KF	7/17/14			

ENVIRONMENTAL PLANNING SECTION TREE CONSERVATION PLAN

CERTIFICATION

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED UNDER MY SUPERVISION AND THAT I AM A DULY LICENSEOFLAND ARCHITECT UNDER THE LAWS OF THE STATE

STEVEN D. TORGERSON LICENSE NUMBER MD RLA #3520

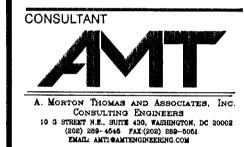


THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF PARKS & RECREATION PRINCE GEORGE'S COUNTY 6600 KENILWORTH AVENUE RIVERDALE, MARYLAND 20737 PHONE 301-699-2487 ATTN: RENE ALBACETE

WALKER MILL REGIONAL PARK (SOUTH TRACT)

ELECTION DISTRICT 6 DISTRICT HEIGHTS, MD

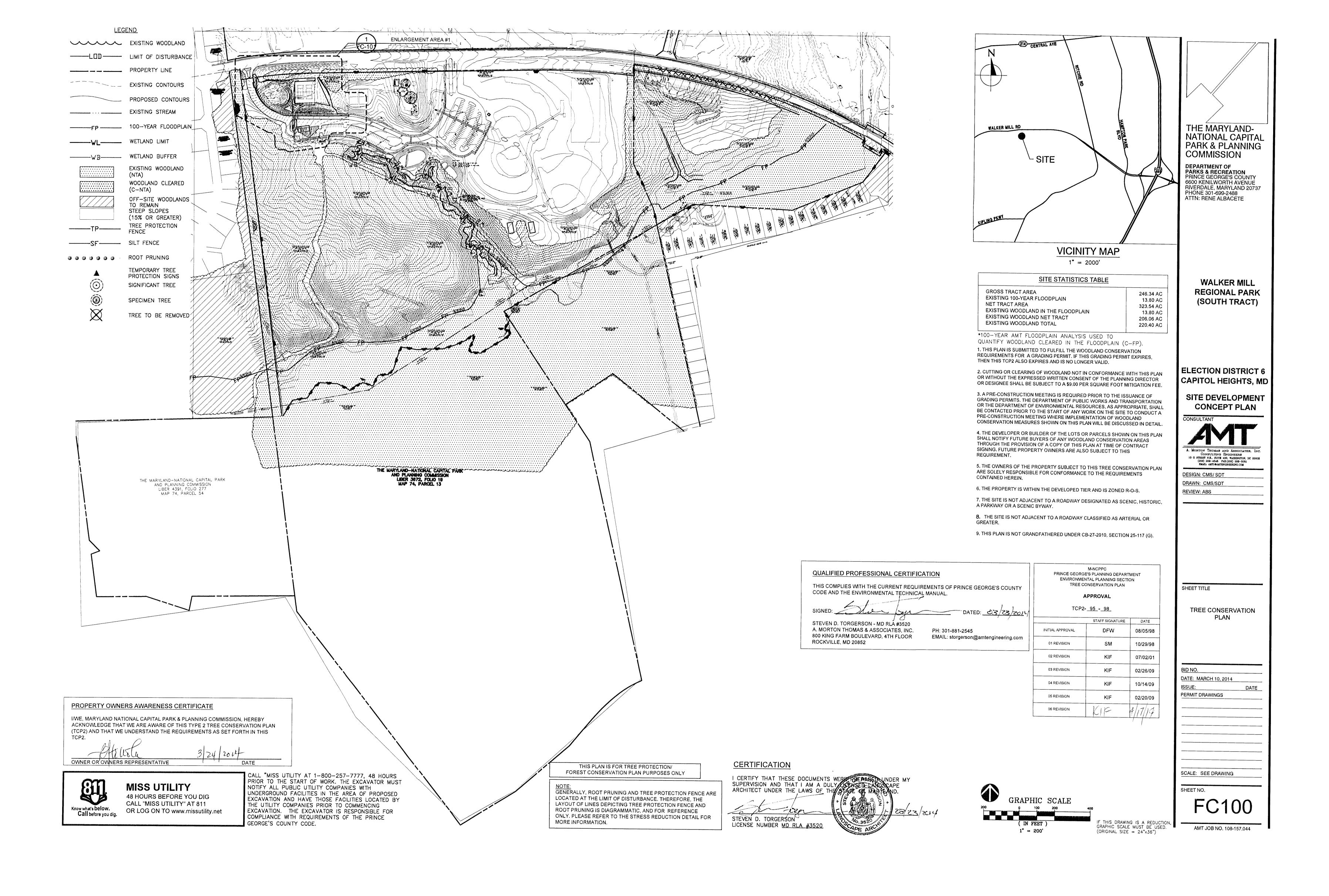


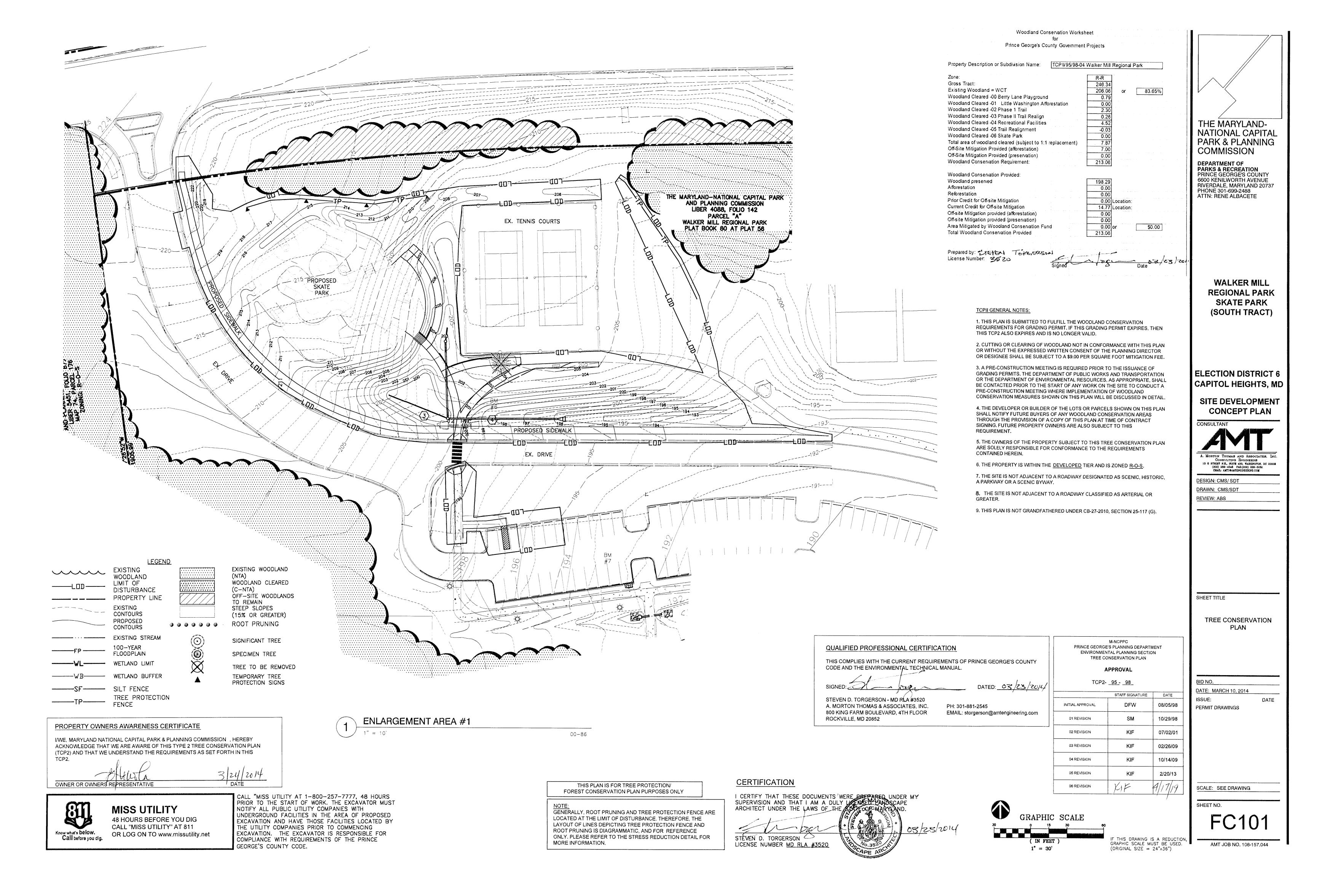
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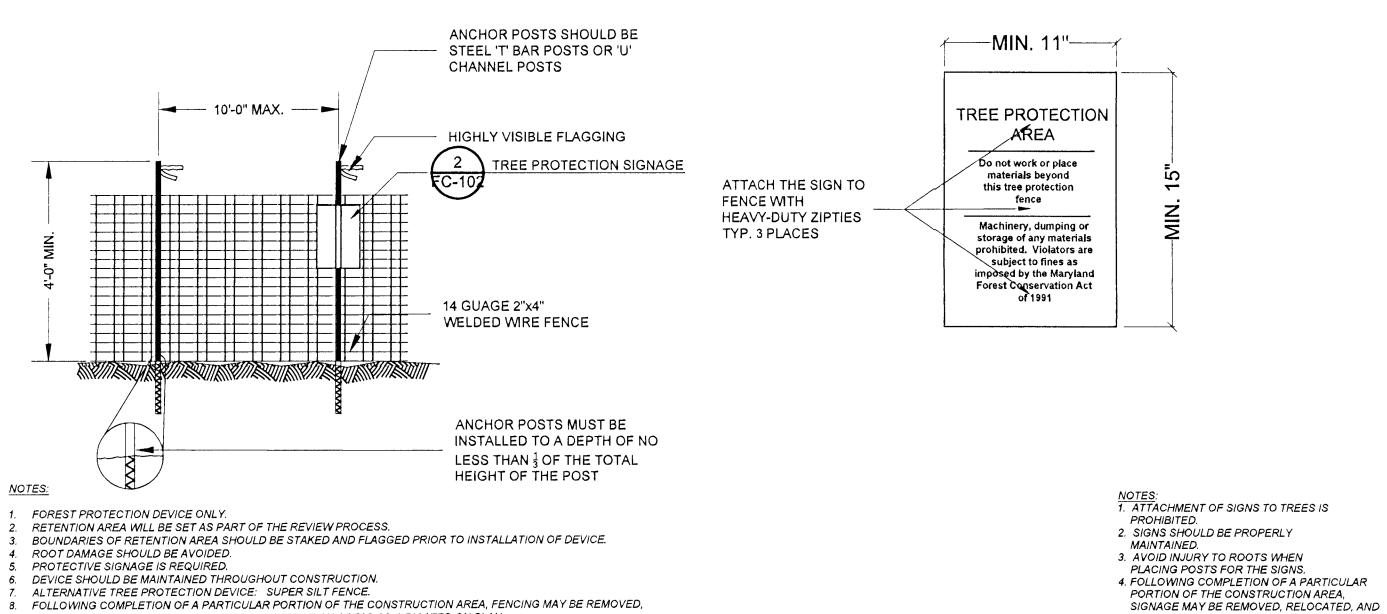
SHEET TITLE

TCP II KEY PLAN (SOUTH TRACT) **REVISION -06**

DATE: OCTOE	BER 5, 2009
ISSUE:	DAT
SCALE: SEE DRA	AVA/INIG







2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.

8. FOLLOWING COMPLETION OF A PARTICULAR PORTION OF THE CONSTRUCTION AREA, FENCING MAY BE REMOVED, RELOCATED, AND REINSTALLED IN NEW CONSTRUCTION AREAS AS INDICATED ON PLAN.

TREE PROTECTION FENCING-WIRE MESH WITH SIGN

3104-01

TREE PROTECTION SIGNAGE

31-02

REINSTALLED IN NEW CONSTRUCTION AREAS.

PROPERTY OWNERS AWARENESS CERTIFICATE I/WE, MARYLAND NATIONAL CAPITAL PARK & PLANNING COMMISSION, HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2 TREE CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.

OWNER OR OWNERS REPRESENTATIVE

Know what's below. Call before you dig.

MISS UTILITY 48 HOURS BEFORE YOU DIG CALL "MISS UTILITY" AT 811 OR LOG ON TO www.missutility.net

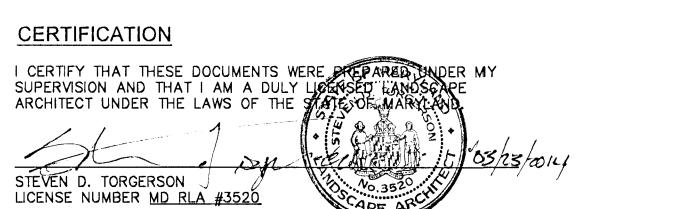
CALL "MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF THE PRINCE GEORGE'S COUNTY CODE.

THIS PLAN IS FOR TREE PROTECTION/ FOREST CONSERVATION PLAN PURPOSES ONLY

GENERALLY, ROOT PRUNING AND TREE PROTECTION FENCE ARE LOCATED AT THE LIMIT OF DISTURBANCE. THEREFORE, THE LAYOUT OF LINES DEPICTING TREE PROTECTION FENCE AND ROOT PRUNING IS DIAGRAMMATIC, AND FOR REFERENCE ONLY. PLEASE REFER TO THE STRESS REDUCTION DETAIL FOR MORE INFORMATION.

CERTIFICATION

STEVEN D. TORGERSON



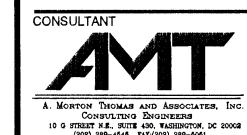
THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF PARKS & RECREATION
PRINCE GEORGE'S COUNTY
6600 KENILWORTH AVENUE
RIVERDALE, MARYLAND 20737
PHONE 301-699-2488 ATTN: RENE ALBACETE

> **WALKER MILL REGIONAL PARK** (SOUTH TRACT)

ELECTION DISTRICT 6 CAPITOL HEIGHTS, MD

SITE DEVELOPMENT **CONCEPT PLAN**



CONSULTING ENGINEERS 10 G STREET M.S., SUITE 430, WASHINGTON, DC 20002 (202) 289-4645 FAX:(202) 289-5061 EMAIL AMTI-OAMTENGINEERING COM

DESIGN: CMS/SDT DRAWN: CMS/SDT REVIEW: ABS

SHEET TITLE

TREE CONSERVATION **DETAILS**

QUALIFIED PROFESSIONAL CERTIFICATION

THIS COMPLIES WITH THE CURRENT REQUIREMENTS OF PRINCE GEORGE'S COUNTY

CODE AND THE ENVIRONMENTAL TECHNICAL MANUAL.

STEVEN D. TORGERSON - MD RLA #3520 A. MORTON THOMAS & ASSOCIATES, INC.

ROCKVILLE, MD 20852

800 KING FARM BOULEVARD, 4TH FLOOR

PH: 301-881-2545 EMAIL: storgerson@amtengineering.com PRINCE GEORGE'S PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION TREE CONSERVATION PLAN

TCP2-<u>95</u>-<u>98</u>

	STAFF SIGNATURE	DATE
INITIAL APPROVAL	DFW	08/05/98
01 REVISION	SM	10/29/98
02 REVISION	KIF	07/02/01
03 REVISION	KIF	02/26/09
04 REVISION	KIF	10/14/09
05 REVISION	KIF	2/20/13
06 REVISION	KIFINIA	4/17/14
	01 REVISION 02 REVISION 03 REVISION 04 REVISION 05 REVISION	INITIAL APPROVAL 01 REVISION 02 REVISION 03 REVISION KIF 04 REVISION KIF KIF KIF C5 REVISION KIF

SCALE: SEE DRAWING

DATE: MARCH 10, 2014

PERMIT DRAWINGS

DATE

ISSUE:

SHEET NO.

AMT JOB NO. 108-157.044

TREE PRESERVATION AND RETENTION NOTES:

- ALL WOODLANDS DESIGNATED ON THIS PLAN FOR PRESERVATION ARE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE WOODLAND AREAS SHALL REMAIN IN A NATURAL STATE. THIS INCLUDES THE CANOPY TREES AND UNDERSTORY VEGETATION. A REVISED TREE CONSERVATION PLAN IS REQUIRED PRIOR TO CLEARING WOODLAND AREAS THAT ARE NOT SPECIFICALLY IDENTIFIED TO BE CLEARED ON THE APPROVED
- TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN.
- 3. THE LOCATION OF ALL TEMPORARY TREE PROTECTION FENCING (TPFs) SHOWN ON THIS PLAN SHALL BE FLAGGED OR STAKED IN THE FIELD PRIOR TO THE PRE-CONSTRUCTION MEETING. UPON APPROVAL OF THE LOCATIONS BY THE COUNTY INSPECTOR, INSTALLATION OF THE TPFs MAY BEGIN.
- 4. ALL TEMPORARY TREE PROTECTION FENCING REQUIRED BY THIS PLAN SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE BOND IS RELEASED FOR THIS PROJECT. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE DEVICES IS A VIOLATION OF THIS TCP2.
- WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TPF INSTALLATION. THESE SIGNS MUST REMAIN IN PERPETUITY.

REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS:

- 6. 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 COUNTY AS DEAD, DYING, OR HAZARDOUS MAY BE REMOVED.
- 7. A TREE IS CONSIDERED HAZARDOUS IF A CONDITION IS PRESENT WHICH LEADS A CERTIFIED ARBORIST OR 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,
- 8. DURING THE INITIAL STAGES OF CLEARING AND GRADING, IF HAZARDOUS TREES ARE PRESENT, OR TREES ARE PRESENT THAT ARE NOT HAZARDOUS BUT ARE LEANING INTO THE DISTURBED AREA, THE PERMITEE SHALL REMOVE SAID TREES USING A CHAINSAW. CORRECTIVE MEASURES REQUIRING THE REMOVAL OF THE HAZARDOUS TREE OR PORTIONS THEREOF SHALL REQUIRE AUTHORIZATION BY THE COUNTY INSPECTOR, ONLY AFTER APPROVAL BY THE INSPECTOR MAY THE TREE BE CUT BY CHAINSAW TO NEAR THE EXISTING GROUND LEVEL. THE STUMP SHALL NOT BE REMOVED OR COVERED WITH SOIL. MULCH OR OTHER MATERIALS THAT WOULD INHIBIT SPROUTING.
- IF A TREE OR TREES BECOME HAZARDOUS PRIOR TO BOND RELEASE FOR THE PROJECT, DUE TO STORM EVENTS OR OTHER SITUATIONS NOT RESULTING FROM AN ACTION BY THE PERMITEE, PRIOR TO REMOVAL, A CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MUST CERTIFY THAT THE TREE OR PORTION OF THE TREE IN QUESTION HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.

IF CORRECTIVE PRUNING MAY ALLEVIATE A HAZARDOUS CONDITION, THE CERTIFIED ARBORIST OR LICENSED TREE EXPERT MAY PROCEED WITHOUT FURTHER AUTHORIZATION. THE PRUNING MUST BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE APPROPRIATE ANSI A-300 PRUNING STANDARDS. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.

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.

TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

AFFORESTATION AND REFORESTATION NOTES:

- 1. ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FOOTAGE, SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF ANY PERMITS. THESE BONDS WILL BE RETAINED AS SURETY UNTIL ALL REQUIRED ACTIVITIES HAVE BEEN SATISFIED OR THE REQUIRED TIMEFRAME FOR MAINTENANCE HAS PASSED, WHICHEVER IS LONGER.
- 2. THE PLANTING OF AFFORESTATION OR REFORESTATION AREAS SHALL BE COMPLETED PRIOR TO ISSUANCE OF THE FIRST BUILDING PERMIT. SEEDLING PLANTING IS TO OCCUR FROM MARCH THROUGH NOVEMBER ONLY. NO PLANTING SHALL BE DONE WHILE GROUND IS FROZEN. PLANTING OF LARGER CALIPER STOCK OR CONTAINERIZED STOCK MAY BE DONE AT ANY TIME PROVIDED A DETAILED MAINTENANCE SCHEDULE IS PROVIDED.
- 3. 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 2 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 OR BUILDER 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

PROPERTY OWNERS AWARENESS CERTIFICATE

I/WE, MARYLAND NATIONAL CAPITAL PARK & PLANNING COMMISSION , HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2 TREE CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.

OWNER OR OWNERS REPRESENTATIVE

Call before you dig.

- 4. REFORESTATION AREAS SHALL NOT BE MOWED; HOWEVER, THE MANAGEMENT OF COMPETING VEGETATION AROUND INDIVIDUAL TREES AND REMOVAL OF NOXIOUS. INVASIVE, AND NON-NATIVE VEGETATION WITHIN THE REFORESTATION AREAS IS ACCEPTABLE.
- 5. ALL REQUIRED TEMPORARY TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE PERMANENT TREE PROTECTION FENCING IS INSTALLED WITH THE REQUIRED PLANTING. THE TEMPORARY FENCING IS NOT REQUIRED TO BE INSTALLED IF THE PERMANENT FENCING IS INSTALLED PRIOR TO CLEARING AND GRADING OF THE SITE. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE FENCING IS A VIOLATION OF THIS TCP2.
- 6. AFFORESTATION / REFORESTATION AREAS SHALL BE POSTED WITH NOTIFICATION SIGNAGE, AS SHOWN ON THE PLANS, AT THE SAME TIME AS THE PERMANENT PROTECTION FENCING INSTALLATION. THESE SIGNS SHALL REMAIN IN PERPETUITY.
- 7. THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTING ON THIS SITE.
- 8. AT THE TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORMATION SHALL BE SUBMITTED T THE M-NCPPC PLANNING DEPARTMENT REGARDING THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN: CONTRACTOR NAME; BUSINESS NAME (IF DIFFERENT); ADDRESS; AND PHONE NUMBER.

RESULTS OF ANNUAL SURVIVAL CHECKS FOR EACH OF THE REQUIRED FOUR YEARS AFTER TREE PLANTING SHALL BE REPORTED TO THE M-NCPPC, PLANNING DEPARTMENT.

9. FAILURE TO ESTABLISH THE AFFORESTATION OR REFORESTATION WITHIN THE PRESCRIBED TIME FRAME WILL RESULT IN FORFEITURE OF THE REFORESTATION BOND AND/OR A VIOLATION OF THIS PLAN INCLUDING THE ASSOCIATED \$9.00 PER SQUARE FOOT PENALTY UNLESS THE COUNTY INSPECTOR APPROVES A WRITTEN EXTENSION.

PLANTING SPECIFICATION NOTES

- 1. QUANTITY: (SEE PLANT SCHEDULE)
- 2. TYPE: (SEE PLANT SCHEDULE)
- 3. PLANT QUALITY STANDARDS: THE PLANTS SELECTED SHALL BE HEALTHY AND STURDY REPRESENTATIVES OF THEIR SPECIES. SEEDLINGS SHALL HAVE A MINIMUM TOP GROWTH OF 18". THE DIAMETER OF THE ROOT COLLAR (THE PART OF THE ROOT JUST BELOW GROUND) SHALL BE AT LEAST 3/8". THE ROOTS SHALL BE WELL DEVELOPED AND AT LEAST 8" LONG. NO MORE THAN TWNETY-FIVE PERCENT (25%) OF THE ROOT SYSTEM (BOTH PRIMARY AND AUXILIARY / FIBROUS ROOTS) SHALL BE PRESENT.

PLANTS THAT DO NOT HAVE AN ABUNDANCE OF WELL DEVELOPED TERMINAL BUDS ON THE LEADERS AND BRANCHES SHALL BE REJECTED.

PLANTS SHALL BE SHIPPED BY THE NURSERY IMMEDIATELY AFTER LIFTING FROM THE FIELD OR REMOVAL FROM THE GREENHOUSE, AND PLANTED IMMEDIATELY UPON RECEIPT BY THE LANDSCAPE CONTRACTOR.

- IF THE PLANTS CANNOT BE PLANTED IMMEDIATELY AFTER DELIVERY TO THE REFORESTATION SITE, THEY SHALL BE STORED IN THE SHADE WITH THEIR ROOT MASSES PROTECTED FROM DIRECT EXPOSURE TO SUN AND WIND BY THE USE OF STRAW, PEAT MOSS, COMPOST, OR OTHER SUITABLE MATERIAL AND SHALL BE MAINTAINED THROUGH PERIODIC WATERING, UNTIL THE TIME OF PLANTING.
- 4. PLANT HANDLING: THE QUANTITY OF THE SEEDLINGS TAKEN TO THE FIELD SHALL NOT EXCEED THE QUANTITY THAT CAN BE PLANTED IN A DAY. SEEDLINGS, ONCE REMOVED FROM THE NURSERY OR TEMPORARY STORAGE AREA SHALL BE PLANTED IMMEDIATELY.
- TIMING OF PLANTING: THE BEST TIME TO PLANT SEEDLINGS IS WHILE THEY ARE DORMANT, PRIOR TO SPRING BUDDING. THE MOST SUITABLE MONTHS FOR PLANTING ARE MARCH AND APRIL, WHEN SOIL IS MOIST, BUT MAY BE PLANTED FROM MARCH THROUGH NOVEMBER. NO PLANTING SHALL BE DONE WHILE THE GROUND IS FROZEN. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE ISSUANCE OF GRADING / BUILDING PERMITS AND/OR REACHING THE FINAL GRADES AND STABILIZATION OF PLANTING AREAS.
- 6. SEEDLING PLANTING: TREE SEEDLINGS SHALL BE HAND PLANTED USING A DIBBLE BAR OR SHARP-SHOOTER SHOVEL. IT IS IMPORTANT THAT THE SEEDLINGS BE PLACED IN THE HOLE SO THAT THE ROOTS CAN SPREAD OUT NATURALLY; THEY SHOULD NOT BE TWISTED, BALLED UP OR BENT. MOIST SOIL SHOULD THEN BE PACKED FIRMLY AROUND THE ROOTS. SEEDLINGS SHOULD BE PLANTED AT A DEPTH WHERE THEIR ROOTS LIE JUST BELOW THE GROUND SURFACE. AIR POCKETS SHOULD NOT BE LEFT AFTER CLOSING THE HOLE WHICH WOULD ALLOW THE ROOTS TO DRY OUT. SEE PLANTING DETAILS FOR FURTHER EXPLANATION. IF THE CONTRACTOR WISHES TO PLANT BY ANOTHER METHOD, THE PREPARER OF THIS TREE CONSERVATION PLAN MUST BE CONTACTED AND GIVE HIS APPROVAL BEFORE PLANTING MAY BEGIN.
- 7. SPACING: SEE PLANT SCHEDULE AND/OR PLANTING PLAN FOR SPACING REQUIREMENTS. ALSO REFER TO THE PLANTING LAYOUT DETAIL FOR A DESCRIPTION OF THE GENERAL PLANTING THEORY.
- 8. SOIL: UPON THE COMPLETION OF ALL GRADING OPERATIONS, A SOIL TEST SHALL BE CONDUCTED TO DETERMINE WHAT SOIL PREPARATION AND SOIL AMENDMENTS, IF ANY, ARE NECESSARY TO CREATE GOOD TREE GROWING CONDITIONS, SOIL SAMPLES SHALL BE TAKEN AT A RATE THAT PROVIDES ONE SOIL SAMPLE FOR EACH AREA THAT APPEARS TO HAVE A DIFFERENT SOIL TYPE (IF THE ENTIRE AREA APPEARS UNIFORM, THEN ONLY ONE SAMPLE IS NECESSARY), AND SUBMITTED FOR TESTING TO A PRIVATE COMPANY. THE COMPANY OF CHOICE SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE EXISTING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRECTIONS OF SOIL TEXTURE, pH, MAGNESIUM, PIHOSPHORUS, POTASSIUM, CALCIUM AND ORGANIC MATTER.
- SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.
- 10. FENCING AND SIGNAGE: FINAL PROTECTIVE FENCING SHALL BE PLACED ON THE VISIBLE AND/OR DEVELOPMENT SIDE OF PLANTING AREAS. THE FINAL PROTECTIVE FENCE SHALL BE INSTALLED UPON COMPLETION OF PLANTING OPERATIONS UNLESS IT WAS INSTALLED DURING THE INITIAL STAGES OF DEVELOPMENT. SIGNS SHALL BE POSTED PER THE SIGNAGE DETAIL ON THIS SHEET.
- 11. PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN
- 12. MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MULCH (AS NOTED) TO EACH PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN).
- 13. GROUNDCOVER ESTABLISHMENT: THE REMAINING DISTURBED AREA BETWEEN SEEDLINGS PLANTING SITES SHALL BE SEEDED AND STABILIZED WITH WHITE CLOVER SEED AT THE RATE OF 5 LBS/ACRE.
- 14. MOWING: NO MOWING SHALL BE ALLOWED IN ANY PLANTING AREA.

- 15. SURVIVAL CHECK FOR BOND RELEASE: THE SEEDLING PLANTING IS TO BE CHECKED AT THE END OF EACH YEAR FOR FOUR YEARS TO ASSURE THAT NO LESS THAN 75% OF THE ORIGINAL PLANTED QUANTITY SURVIVES. IF THE MINIMUM NUMBER HAS NOT BEEN PROVIDED THE AREA MUST BE SUPPLEMENTED WITH ADDITIONAL SEEDLINGS TO REACH THE REQUIRED NUMBER AT TIME OF PLANTING.
- 16. SOURCE OF SEEDLINGS: TBD. PLANTING STOCK SEED SOURCE SHALL BE FROM WITHIN THE GEOGRAPHIC REGION SUITED FOR GROWTH IN PRINCE GEORGE'S COUNTY, MARYLAND.
- 17. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF SOIL CONTAMINATED WITH OIL PRODUCTS, SOLUBLE SALTS, FERROUS IRON, SOLUBLE ALUMINUM, SOLUBLE MANGANESE, OR HERBICIDE.

FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS:

FIELD CHECK THE RE/AFFORESTATION AREA ACCORDING TO THE FOLLOWING SCHEDULE:

SITE PREPARATION AND TREE PLANTING

SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER - NOVEMBER) SEE NOTE 1)

WATERING IS NEEDED (2X / MONTH)

CONTROL OF UNDESIRABLE VEGETATION AS NEEDED

YEAR 2-3: REINFORCEMENT PLANTING IF NEEDED (SEE NOTE 2)

(1X IN JUNE AND 1X IN SEPTEMBER MIN.)

SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER - NOVEMBER) CONTROL OF UNDESIRABLE VEGETATION IF NEEDED (1X IN MAY AND 1X IN AUGUST MIN.)

REINFORCEMENT PLANTING IF NEEDED (SEE NOTE 2)

SURVIVAL CHECK (SEPTEMBER - NOVEMBER)

1. SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT (OR AS-BUILT) BY WALKING THE SITE AND TAKING INVENTORY. PLANTS MUST SHOW VITALITY. SUBMIT FIELD DATA FORMS (CONDITION CHECK SHEETS) TO OWNER AFTER EACH INSPECTION. REMOVE ALL DEAD PLANTS.

2. REINFORCEMENT PLANTING: REPLACE DEAD OR MISSING PLANTS IN SUFFICIENT QUANTITY TO BRING THE TOTAL NUMBER OF LIVE PLANTS TO AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED. IF A PARTICULAR SPECIES SUFFERS UNUSUALLY HIGH MORTALITY, REPLACE WITH AN ALTERNATIVE PLANT TYPE.

3. MISCELLANEOUS: FERTILIZATION OR WATERING DURING YEARS 1 THROUGH 3 WILL BE DONE ON AN AS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATIONS WILL BE CONDUCTED ON AN AS NEEDED BASIS.

OFF-SITE WOODLAND CONSERVATION NOTE:

PRIOR TO ISSUANCE OF THE FIRST PERMIT FOR THE DEVELOPMENT SHOWN ON THIS TCP2, ALL OFF-SITE WOODLAND CONSERVATION REQUIRED BY THIS PLAN SHALL BE IDENTIFIED ON AN APPROVED TCP2 PLAN AND RECORDED AS AN OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGE'S COUNTY. PROOF OF RECORDATION OF THE OFF-SITE CONSERVATION SHALL BE PROVIDED TO THE M-NCPPC, PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.

POST DEVELOPMENT NOTES:

1. IF THE DEVELOPER OR BUILDER NO LONGER HAS AN INTEREST IN THE PROPERTY AND THE NEW OWNER DESIRES TO REMOVE A HAZARDOUS TREE OR PORTION THEREOF, THE NEW OWNER SHALL OBTAIN A WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR LICENSED TREE EXPERT IDENTIFYING THE HAZARDOUS CONDITION AND THE PROPOSED CORRECTIVE MEASURES PRIOR TO HAVING THE WORK CONDUCTED. AFTER PROPER DOCUMENTATION HAS BEEN COMPLETED PER THE HANDOUT "GUIDANCE FOR PRINCE GEORGE'S COUNTY PROPERTY OWNERS, PRESERVATION OF WOODLAND CONSERVATION AREAS", THE ARBORIST OR TREE EXPERT MAY THEN REMOVE THE TREE. THE STUMP SHALL BE CUT AS CLOSE TO THE GROUND AS POSSIBLE AND LEFT IN PLACE. THE REMOVAL OR GRINDING OF THE STUMPS IN WOODLAND CONSERVATION AREAS IS NOT

IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA. OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTS THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.

TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

- THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAINSAW). THESE PLANTS MAY BE CUT NEAR THE GROUND AND 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 HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS.
- 4. 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 TREES.

REFORESTATION/AFFORESTATION PLANTING GENERAL NOTES:

- 1. CALL MISS UTILITY AT 811 OR 1-800-257-7777 TO MARK UTILITIES AT LEAST 48 HOURS BEFORE DIGGING.
- 2. ALL MATERIALS AND PLANTING PROCEDURES EXCEPT AS OTHERWISE NOTED SHALL CONFORM TO THE LATEST EDITION OF "LANDSCAPE SPECIFICATION GUIDELINES" BY THE LANDSCAPE CONTRACTORS ASSOCIATION MD-DC-VA.
- 3. PLANTS SHALL CONFORM TO THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK. (ANSI Z60.1)
- 4. PLANT NAMES SHALL BE THOSE GIVEN IN THE LATEST EDITION OF STANDARD PLANT NAMES, AMERICAN COMMITTEE ON HORTICULTURAL NOMENCLATURE.
- 5. TOPSOIL SHALL MEET SPECIFICATIONS AS PER THE 1994 MD STANDARDS AND SPECIFICATIONS FOR SOIL AND EROSION AND SEDIMENT CONTROL.
- 6. THE CONTRACTOR SHALL STAKE OUT ALL PLANTING BEDS AND TREE LOCATIONS AND THESE MUST BE APPROVED BY THE LANDSCAPE ARCHITECT BEFORE DIGGING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND COORDINATE PLANTINGS WITH ALL EXISTING UTILITIES. IF DISCREPANCIES OCCUR BECAUSE OF UTILITY LOCATIONS OR OTHER EXISTING CONDITIONS THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY TO COORDINATE ANY NECESSARY ADJUSTMENTS.
- 7. ALL PLANT MATERIAL SHALL BE LABELED BY THE NURSERY AND DELIVERED WITH LABELS IN PLACE FOR INSPECTION. SUBSTITUTIONS IN PLANT SPECIES OR SIZE WILL NOT BE PERMITTED EXCEPT WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT. PRUNING IS NOT TO OCCUR UNTIL MATERIAL HAS BEEN PLANTED. CONTRACTOR SHALL PRUNE PLANT MATERIAL AS SOON THEREAFTER AS IS ADVISABLE UNDER STANDARD HORTICULTURAL PRACTICES.
- 8. IT IS OF UTMOST IMPORTANCE THAT ALL PLANT MATERIAL BE SET SLIGHTLY HIGHER IN RELATION TO GRADE THAN IT WAS GROWN IN THE NURSERY AND WITH GOOD EARTH TO ROOT CONTACT. ANY MATERIALS OR WORK MAY BE REJECTED BY THE LANDSCAPE ARCHITECT IF IT DOES NOT MEET THIS OR ANY OTHER REQUIREMENT OF THE SPECIFICATIONS, AND REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- 9. THE CONTRACTOR SHALL MULCH AND WATER ALL PLANTS WELL ON THE DAY THEY ARE PLANTED. THE SURFACE MULCH LAYER SHALL CONSIST OF STANDARD FINE SHREDDED AGED HARDWOOD MULCH. THE CONTRACTOR SHALL APPLY THE MULCH UNIFORMLY TO A 2 TO 3 INCH DEPTH. BARK SHALL BE KEPT 3 TO 4 INCHES AWAY FROM ALL TRUNKS AND WOODY STEMS.
- 10. IN CASE OF DISCREPANCIES BETWEEN QUANTITIES ON THE PLANT LIST AND THE PLAN, THE PLAN SHALL GOVERN.
- 11. ANY PLANTING WITHIN A FOREST RETENTION AREA, AS DESIGNATED ON THE FOREST CONSERVATION PLAN AND SHOWN ON THIS PLAN, MUST BE DONE TO AVOID ANY ADVERSE IMPACT TO THE ROOTS OF EXISTING TREES. THE CONTRACTORS PERFORMING WORK ON THE SITE ARE RESPONSIBLE FOR PROTECTING EXISTING NATIVE AND NON-INVASIVE PLANTINGS DURING CONSTRUCTION.
- 12. REFORESTATION/AFFORESTATION STOCKING RATE SHALL BE 300 1" CAL. TREES/AC AND 100 - 3 GAL. SHRUBS/AC.
- 13. SURVIVAL RATE OF REFORESTATION/AFFORESTATION PLANTING SHALL BE 85% AT THE END OF THE SECOND GROWING SEASON

GENERAL NOTES:

- THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR A GRADING PERMIT.
- 2. 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 \$9.00 PER SQUARE FOOT MITIGATION FEE.
- A PRE-CONSTURCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION OR THE DEPARTMENT OF ENVIRONMENTAL RESOURCES, AS APPROPRIATE, SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTURCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL.
- 4. THE DEVELOPER OR BUILDER OF THE LOTS OR PARCELS SHOWN ON THIS PLAN SHALL NOTIFY FUTURE BUYERS OF ANY WOODLAND CONSERVATION AREAS THROUGH THE PROVISION OF A COPY OF THIS PLAN AT TIME OF CONTRACT SIGNING. FUTURE PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT.
- THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED
- 6. THE PROPERTY IS WITHIN THE DEVELOPED TIER AND IS ZONED R-O-S
- 7. THERE ARE NO SCENIC OR HISTORIC ROADS LOCATED ON OR ADJACENT TO THIS PROPERTY.
- 8. THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER,

QUALIFIED PROFESSIONAL CERTIFICATION

THIS COMPLIES WITH THE CURRENT REQUIREMENTS OF PRINCE GEORGE'S COUNTY CODE AND THE ENVIRONMENTAL TECHNICAL MANUAL.

DATED: 03/23/2014 SIGNED: STEVEN D. TORGERSON - MD RLA #3520

A. MORTON THOMAS & ASSOCIATES, INC. PH: 301-881-2545 800 KING FARM BOULEVARD, 4TH FLOOR EMAIL: storgerson@amtengineering.com ROCKVILLE, MD 20852

TCP2- <u>95 - 98</u> STAFF SIGNATURE INITIAL APPROVAL DFW 08/05/98 01 REVISION 10/29/98 02 REVISION 03 REVISION KIF 02/26/09 04 REVISION 10/14/09 05 REVISION KIF 2/20/13 06 REVISION

PRINCE GEORGE'S PLANNING DEPARTMENT

ENVIRONMENTAL PLANNING SECTION

APPROVAL

TREE CONSERVATION PLAN

THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF PARKS & RECREATION PRINCE GEORGE'S COUNTY 6600 KENILWORTH AVENUE **RIVERDALE, MARYLAND 20737** PHONE 301-699-2488 ATTN: RENE ALBACETE

> WALKER MILL **REGIONAL PARK** SKATE PARK (SOUTH TRACT)

| ELECTION DISTRICT 6 CAPITOL HEIGHTS, MD

SITE DEVELOPMENT **CONCEPT PLAN**

A. MORTON THOMAS AND ASSOCIATES. INC CONSULTING ENGINEERS
10 G STREET N.E., SUITE 430, WASHINGTON, DC 20008
(202) 280-4545 FAX:(202) 280-5051
EMAIL: AMTI-OAMTENGREERING.COM

> DESIGN: CMS/SDT DRAWN: CMS/SDT REVIEW: ABS

SHEET TITLE

TREE CONSERVATION NOTES

DATE: MARCH 10, 2014 ISSUF: DATE PERMIT DRAWINGS

CALE: SEE DRAWING

SHEET NO.

AMT JOB NO. 108-157,044

MISS UTILITY 48 HOURS BEFORE YOU DIG CALL "MISS UTILITY" AT 811 Know what's below.

OR LOG ON TO www.missutility.net

CALL "MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF THE PRINCE GEORGE'S COUNTY CODE.

THIS PLAN IS FOR TREE PROTECTION/ FOREST CONSERVATION PLAN PURPOSES ONLY

GENERALLY, ROOT PRUNING AND TREE PROTECTION FENCE ARE LOCATED AT THE LIMIT OF DISTURBANCE, THEREFORE, THE LAYOUT OF LINES DEPICTING TREE PROTECTION FENCE AND ROOT PRUNING IS DIAGRAMMATIC, AND FOR REFERENCE ONLY. PLEASE REFER TO THE STRESS REDUCTION DETAIL FOR MORE INFORMATION.

CERTIFICATION

LICENSE NUMBER MD RLA #3520

CERTIFY THAT THESE DOCUMENTS WERE PREPARED UNDER MY SUPERVISION AND THAT I AM A DULY LICENSED RANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYEAND. STEVEN D. TORGERSON