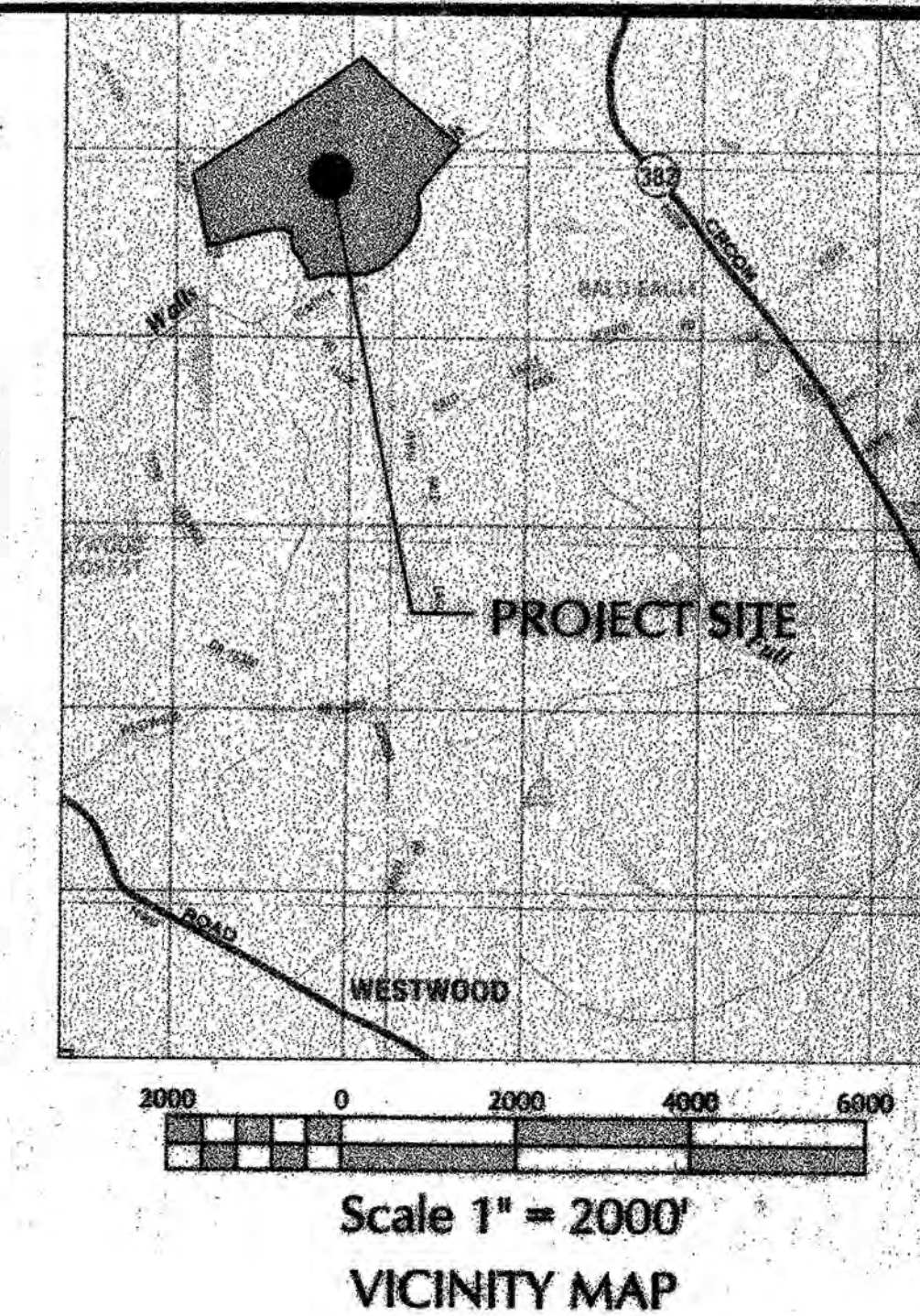
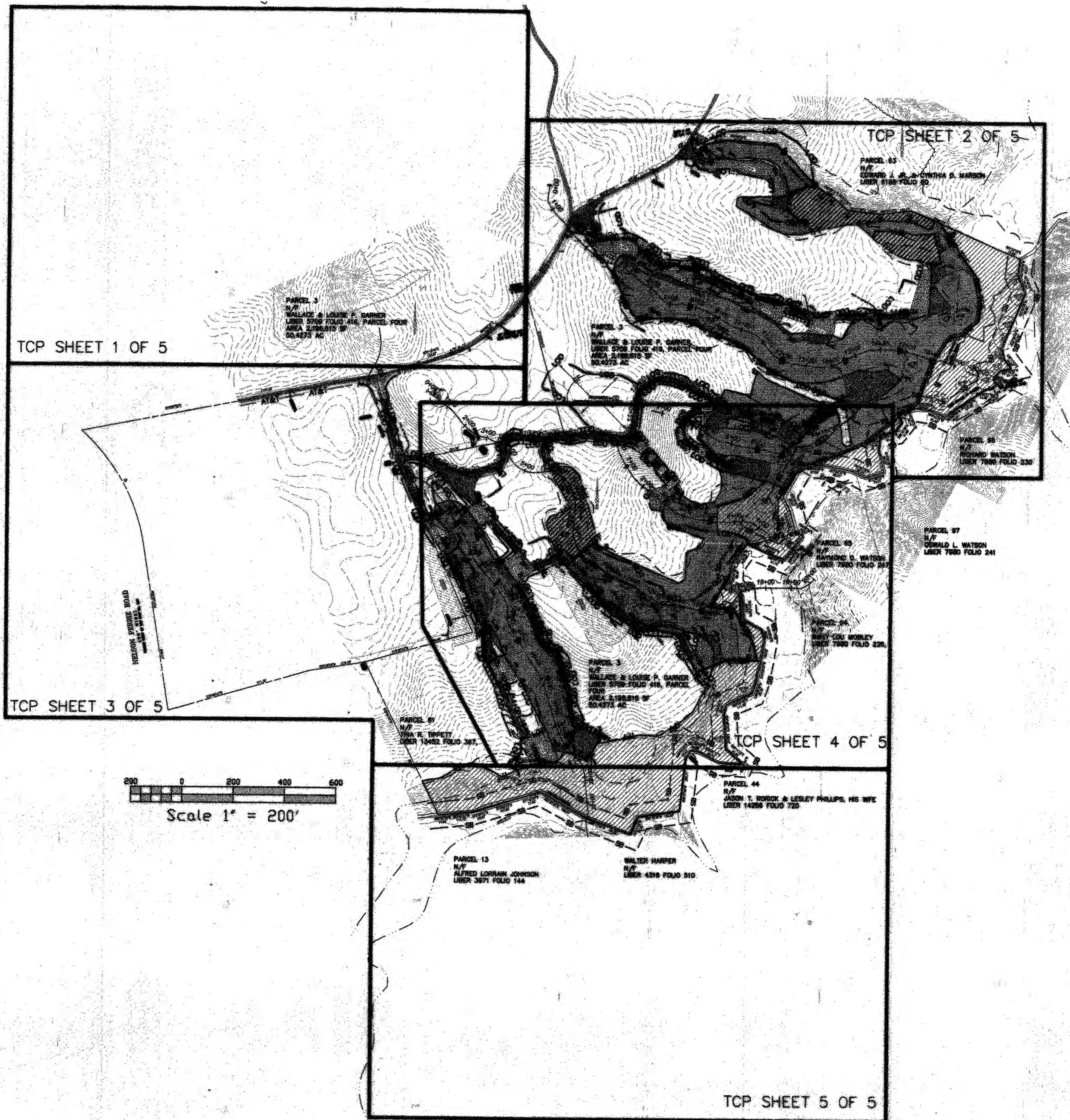




Woodland Conservation Worksheet
for
Prince George's County Government Projects

Property Description or Subdivision Name: Garner Tire Site

Zone:	OS
Gross Tract	114.41
Existing Woodland = WCT	36.10
Woodland Cleared	22.69
Total area of woodland cleared (subject to 1:1 replacement)	22.69
Woodland Conservation Requirement:	36.10

or 31.55%

Woodland Conservation Provided:	13.41
Afforestation	
Reforestation	22.69
Prior Credit for Off-site Mitigation	
Current Credit for Off-site Mitigation	
Off-site Mitigation provided on this property	
Total Woodland Conservation Provided	36.10

Prepared by: [Signature]
License Number: 12/15/08
Signed: [Signature] Date: 12/15/08

Revised 9/1/04

SHEET INDEX

SHEET	TITLE	NAME
1.	TCP OVERALL SITE AND KEY SHEET	TCP-1
2.	TCP OVERALL SITE AND KEY SHEET - REVISED	TCP-1a
3.	TREE CONSERVATION PLAN	TCP-2
4.	TREE CONSERVATION PLAN - REVISED	TCP-2a
5.	TREE CONSERVATION PLAN	TCP-3
6.	TREE CONSERVATION PLAN - REVISED	TCP-3a
7.	TREE CONSERVATION PLAN	TCP-4
8.	TREE CONSERVATION PLAN - REVISED	TCP-4a
9.	TREE CONSERVATION PLAN	TCP-5
10.	TREE CONSERVATION PLAN - REVISED	TCP-5a
11.	TREE CONSERVATION PLAN	TCP-6
12.	TREE CONSERVATION PLAN - REVISED	TCP-6a

PRINTS MADE
JAN 21 2013
Grace E. Fielder & Associates, Chartered



M.N.C.P.C. APPROVALS
Prince George's Planning Department
Environmental Planning Section

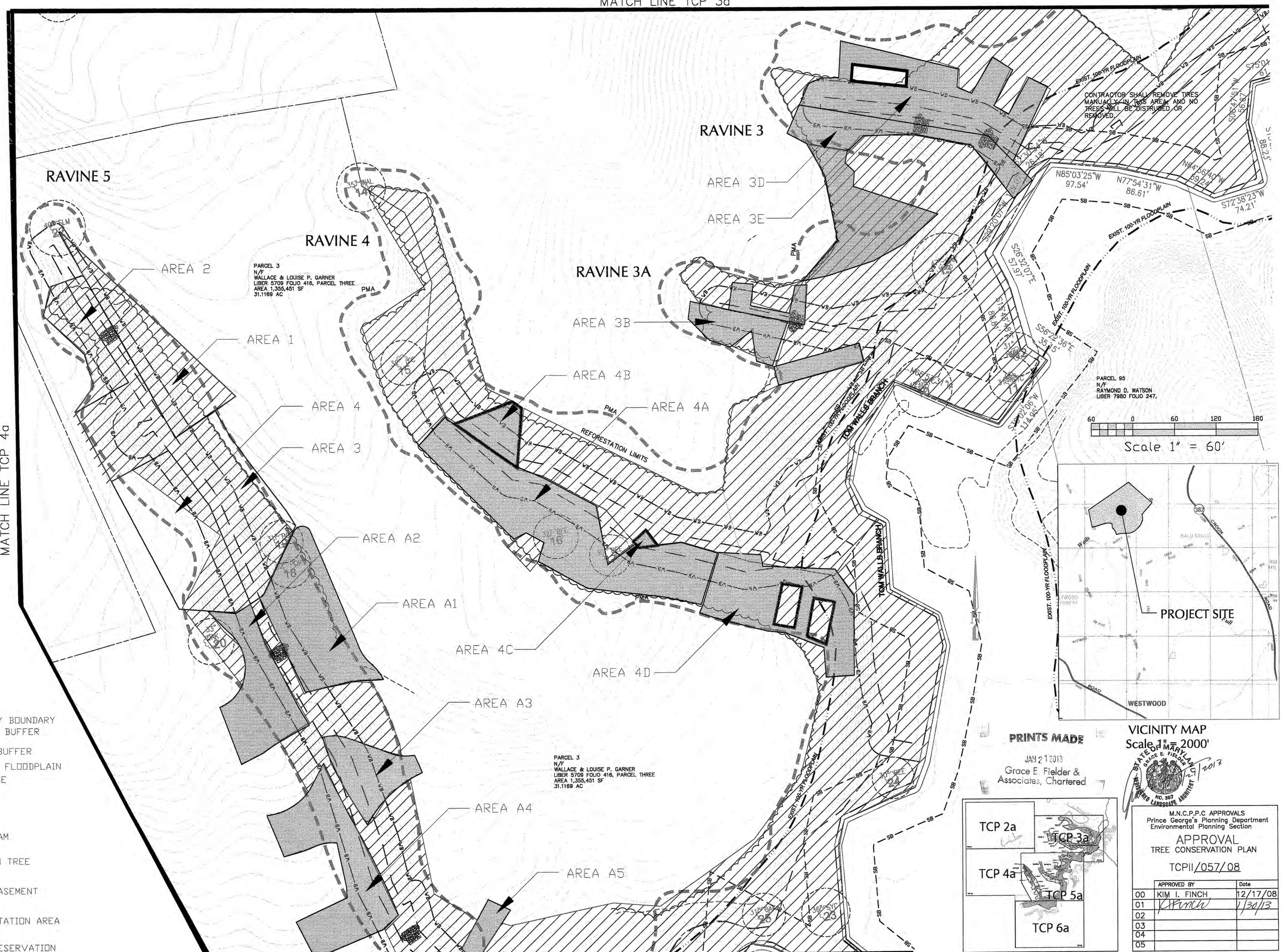
APPROVAL
TREE CONSERVATION PLAN
TCP11/057/08

APPROVED BY	DATE
01 <u>[Signature]</u>	12/17/08
02 <u>[Signature]</u>	1/24/13
03	
04	
05	
06	

MATCH LINE TCP 3a

MATCH LINE TCP 4a

MATCH LINE TXP 6a

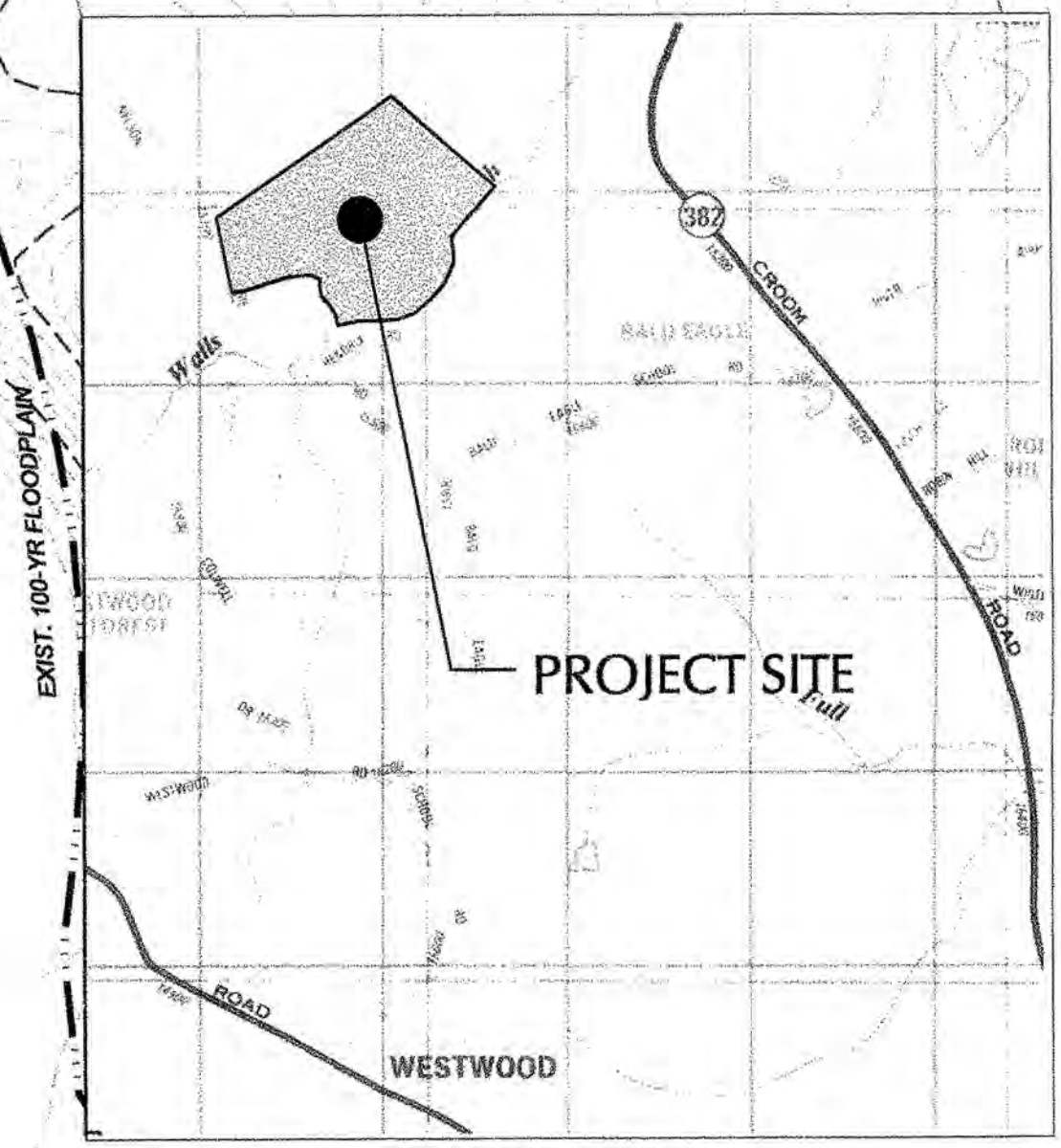
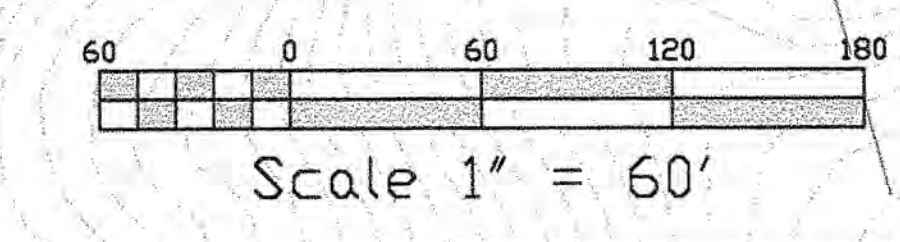


CONTRACTOR SHALL REMOVE TIRES
MANUALLY IN THIS AREA AND NO
TRES SHALL BE DISTURBED OR
REMOVED.

PARCEL 95
N/F
RAYMOND D. WATSON
LIBER 7980 FOLIO 247.

PARCEL 3
N/F
WALLACE & LOUISE P. GARNER
LIBER 5709 FOLIO 416, PARCEL THREE
AREA 1,355,451 SF
31.169 AC

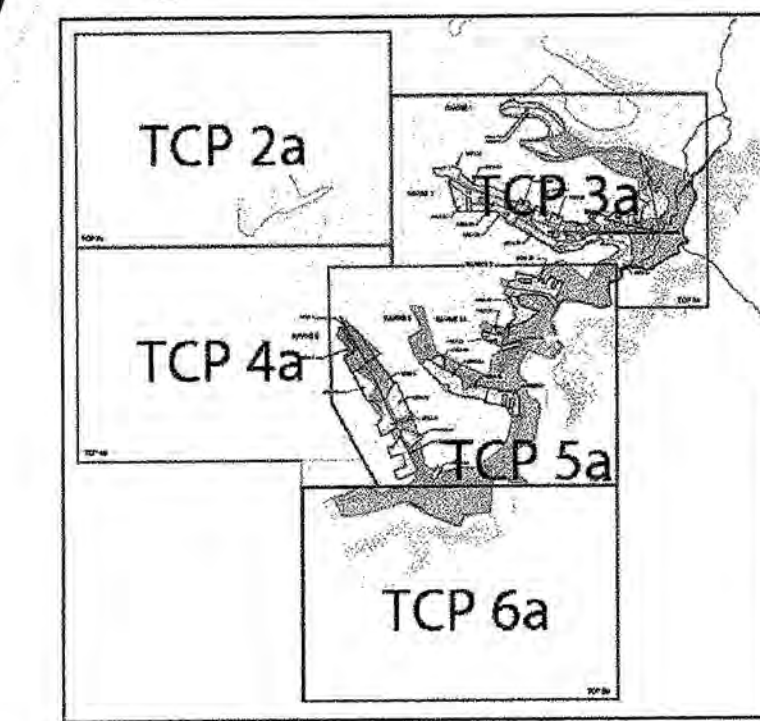
PARCEL 3
N/F
WALLACE & LOUISE P. GARNER
LIBER 5709 FOLIO 416, PARCEL THREE
AREA 1,355,451 SF
31.169 AC



LEGEND

- PROPERTY BOUNDARY
- VB- WETLAND BUFFER
- SB- STREAM BUFFER
- EXIST. 100-YR FLOODPLAIN
- TREE LINE
- CONTOUR
- STREAM
- WETLAND
- CHECK DAM
- SPECIMEN TREE
- AT&T EASEMENT
- REFORESTATION AREA
- TREE PRESERVATION AREA

PRINTS MADE
JAN 21 2013
Grace E. Fielder &
Associates, Chartered



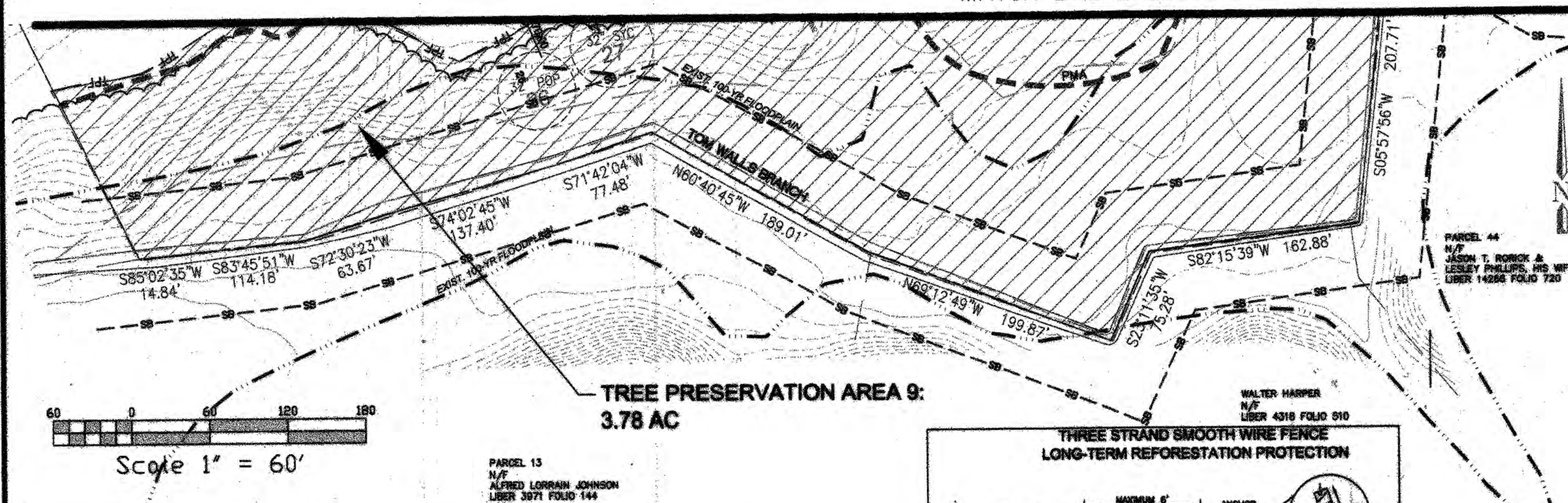
VICINITY MAP
Scale 1" = 2000'

STATE OF MARYLAND
DEPARTMENT OF THE ENVIRONMENT
LANDSCAPE ARCHITECT

M.N.C.P.P.C. APPROVALS
Prince George's Planning Department
Environmental Planning Section

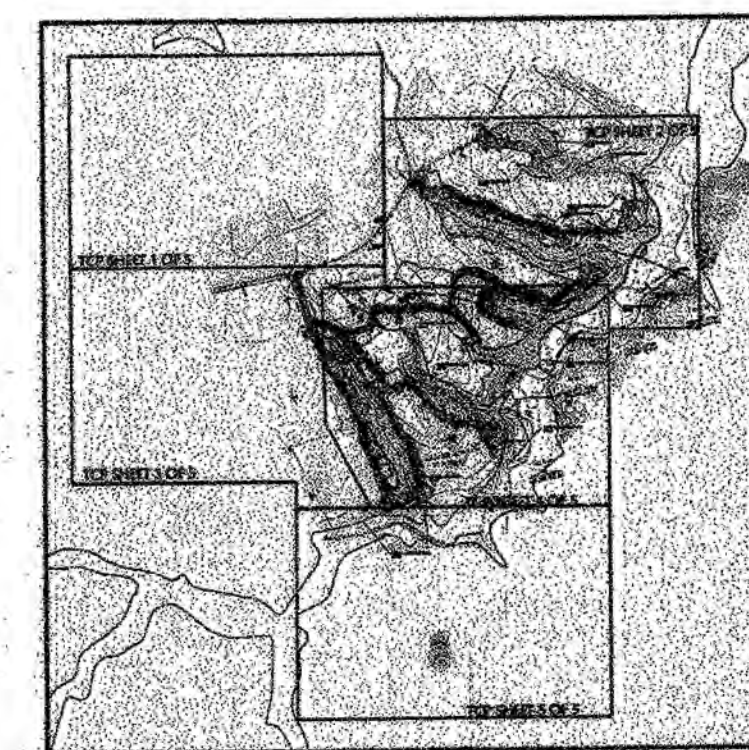
APPROVAL
TREE CONSERVATION PLAN
TCP11/057/08

APPROVED BY	Date
00 KIM I. FINCH	12/17/08
01 [Signature]	1/30/13
02	
03	
04	
05	



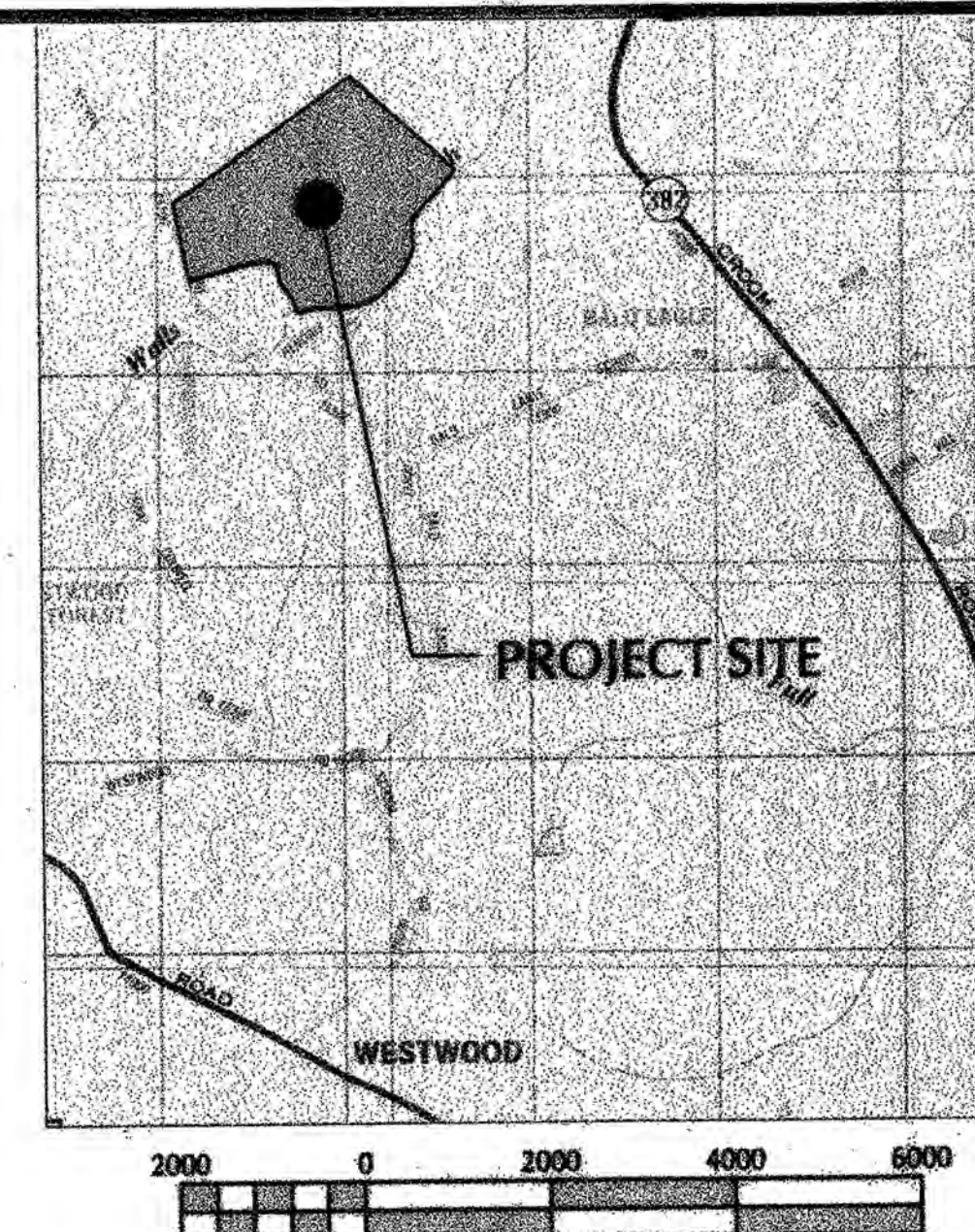
LEGEND

- PROPERTY BOUNDARY
100 YEAR FLOODPLAIN
TREE LINE
SPECIMEN TREE
EXISTING NURSERY
WETLANDS
EXISTING CONTOUR
PROPOSED CONTOUR
TIRE PILE BOUNDARY
WETLAND BUFFER
PMA - PRIMARY MANAGEMENT AREA
SB - STREAM BUFFER
LOD - LIMIT OF DISTURBANCE
SF - PROPOSED SILT FENCE
PROPOSED CHECK DAM
PROPOSED EQUIPMENT LOADING PAD
PROPOSED RIP RAP FLOW SPREADER
TREE PRESERVATION AREA
REFORESTATION AREA
PROPOSED HAUL ROAD
AT&T EASEMENT



KEY PLAN

PRINTS MADE

JAN 2 1 2013
George E. Fielder &
Associates, CharteredScale 1" = 2000'
VICINITY MAP

TREE PRESERVATION NOTES

- This tree conservation plan is submitted to fulfill the woodland conservation requirements.
- No tree cutting or clearing shall take place on this site without the expressed, written consent of the M-NCPPC or its designee.
- This plan is for tree protection, conservation and reforestation measures only.
- All contractors performing work on this site shall notify "Miss Utility" 48 hours prior to any construction or grading by calling 1-800-257-7777 for the location of all utilities.
- Contractor shall first locate and mark the underground utilities and delineate the utility easement areas where no planting shall take place prior to location and digging the pits for the trees.
- All equipment and tools shall be placed so as not to interfere or hinder the pedestrian or vehicular traffic.
- The contractors performing work on the site are responsible for protecting existing native and non-invasive plantings outside the LOD or areas designated on the plans during construction.
- Seed or sod bare areas as directed by the county for all disturbed areas to be stabilized. See Erosion and sediment control plans sheet C-2 and C-3 for stabilization details.
- For tree pruning and care methods please refer to the National Arborist Standards, latest edition.
- During planting operation, excess and waste materials shall be promptly and frequently removed from job site.

TREE PRESERVATION AREA EDGE MANAGEMENT NOTES

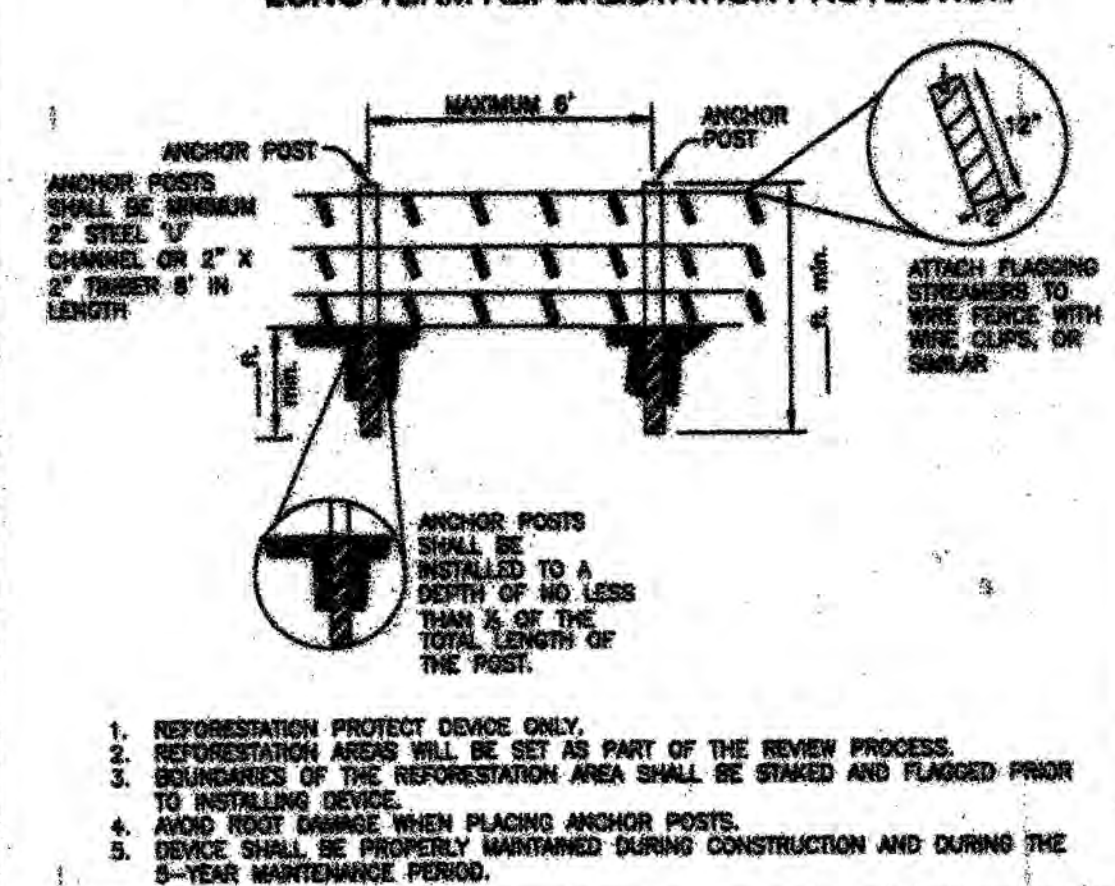
Removal of Hazardous Trees, Hazardous Limbs, Noxious Plants, Invasive Plants or Non-Native Plants in Tree Preservation Areas by Individual Homeowners

- 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.
 - The removal of noxious, invasive, and non-natives plant species from the tree preservation area 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.
 - 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 trees.

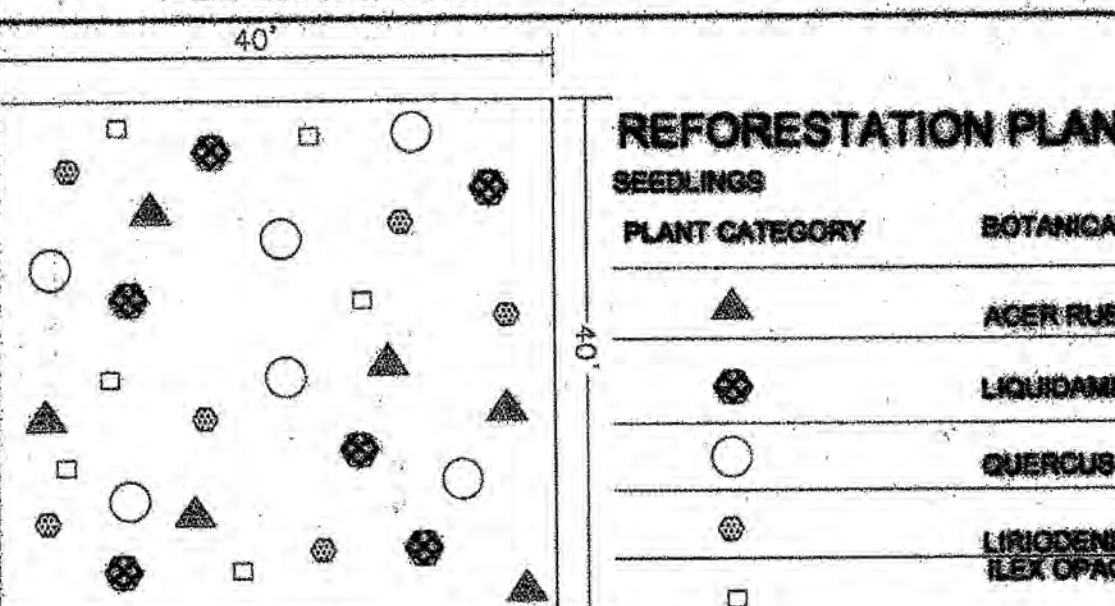
Protection of Reforestation and Afforestation Areas by Individual Homeowners

- 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.
- Reforestation areas shall not be mowed, however, the management of competing vegetation around individual trees is acceptable.
- 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 this office of the M-NCPPC, Environmental Planning Section located on the 4th floor 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.
- 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 Tree Preservation 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.

TCP-6 SHEET 11 of 12

TREE PRESERVATION AREA 9:
3.78 ACPARCEL 13
N/F
ALFRED LORRAIN JOHNSON
LIBER 3971 FOLIO 144THREE STRAND SMOOTH WIRE FENCE
LONG-TERM REFORESTATION PROTECTION

1. REFORESTATION PROTECT DEVICE ONLY.
2. REFORESTATION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS.
3. BOUNDARIES OF THE REFORESTATION AREA SHALL BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
5. DEVICE SHALL BE PROPERLY MAINTAINED DURING CONSTRUCTION AND DURING THE 5-YEAR MAINTENANCE PERIOD.



RANDOM PLANTINGS

REFORESTATION PLANT LIST

PLANT CATEGORY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING
SEEDLINGS					
▲	ACER RUBRUM	RED MAPLE	SEEDLING	2995	RANDOM*
●	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	SEEDLING	2995	RANDOM*
○	QUERCUS ALBA	WHITE OAK	SEEDLING	2995	RANDOM*
⊗	LIRIODENDRON TULIPIFERA	TULIP POPLAR	SEEDLING	2995	RANDOM*
□	ILEX OPACA	AMERICAN HOLLY	SEEDLING	2995	RANDOM*
TOTAL SEEDLING				14,975	
TREES					
▲	ACER RUBRUM	RED MAPLE	1" Cal.	771	RANDOM*
●	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" Cal.	771	RANDOM*
○	QUERCUS ALBA	WHITE OAK	1" Cal.	771	RANDOM*
⊗	LIRIODENDRON TULIPIFERA	TULIP POPLAR	1" Cal.	771	RANDOM*
□	ILEX OPACA	AMERICAN HOLLY	1" Cal.	773	RANDOM*
TOTAL 1" CAL TREE				3857	

* SEE DIAGRAM ENTITLED "RANDOM PLANTINGS"

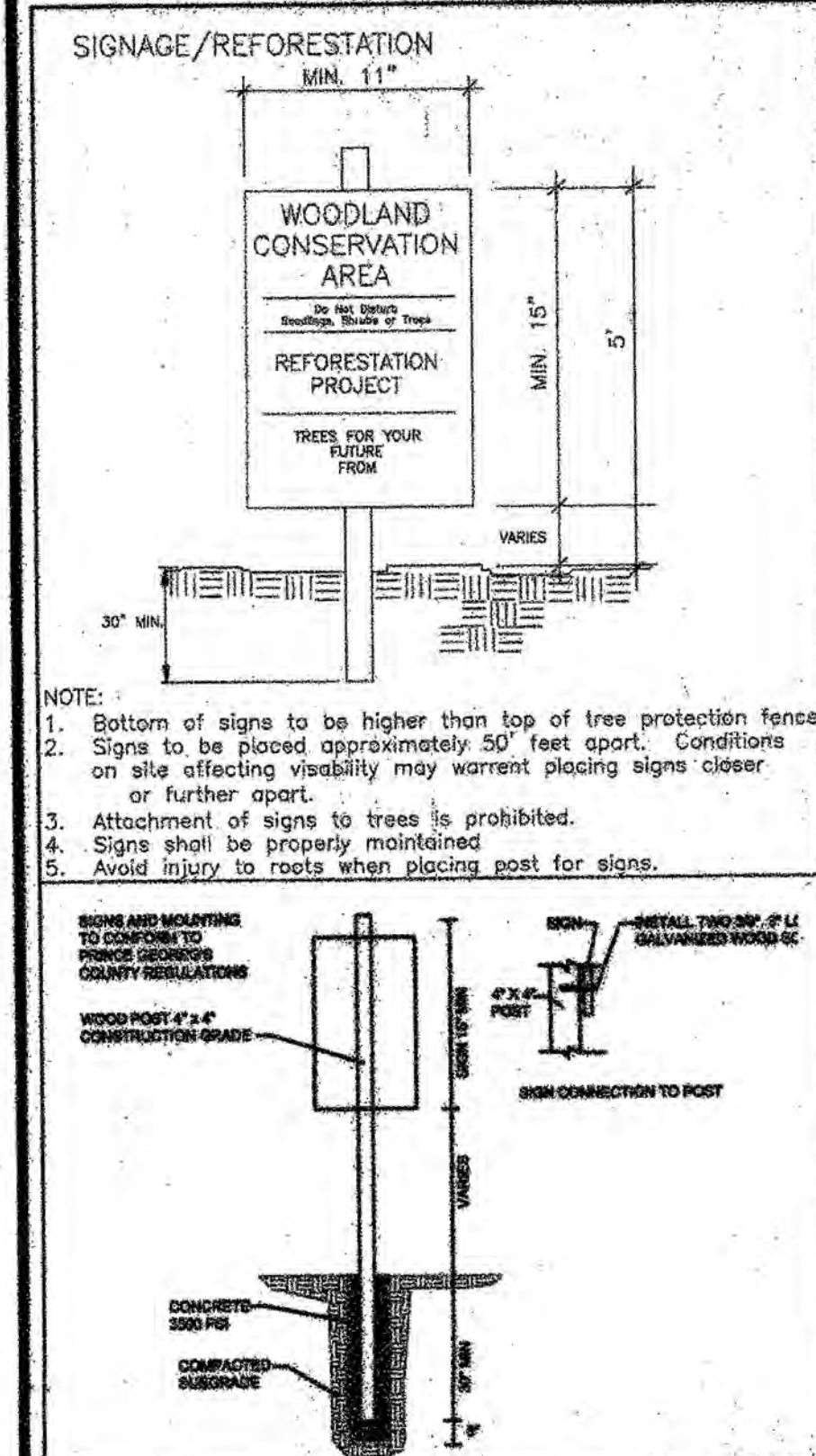
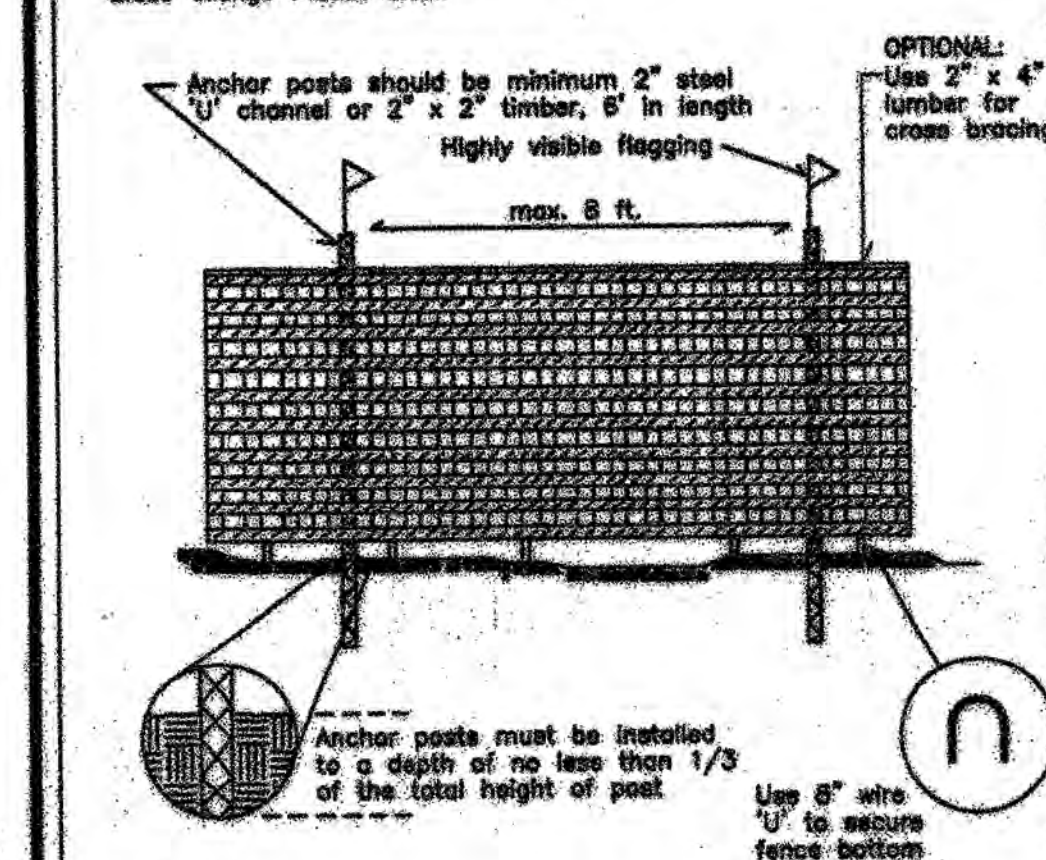
REFORESTATION NOTES:

- Total Reforestation Area = 22.69 Acres.
- Number of seedlings per acre = 1000.
- Number of seedlings required = 22,690
- Total number of trees = 18,833
Total number of seedlings = 14,975
Total number of 1" Cal. Tree substitutions = 3,857
Substitutions are as follows:
1" Cal. Tree = 2 seedlings (3,857 requirement)

PLANTINGS ARE TO BE RANDOM WITH
APPROXIMATELY 1 SEEDLING PER
SIXTY - FOUR (64) SQUARE FEET

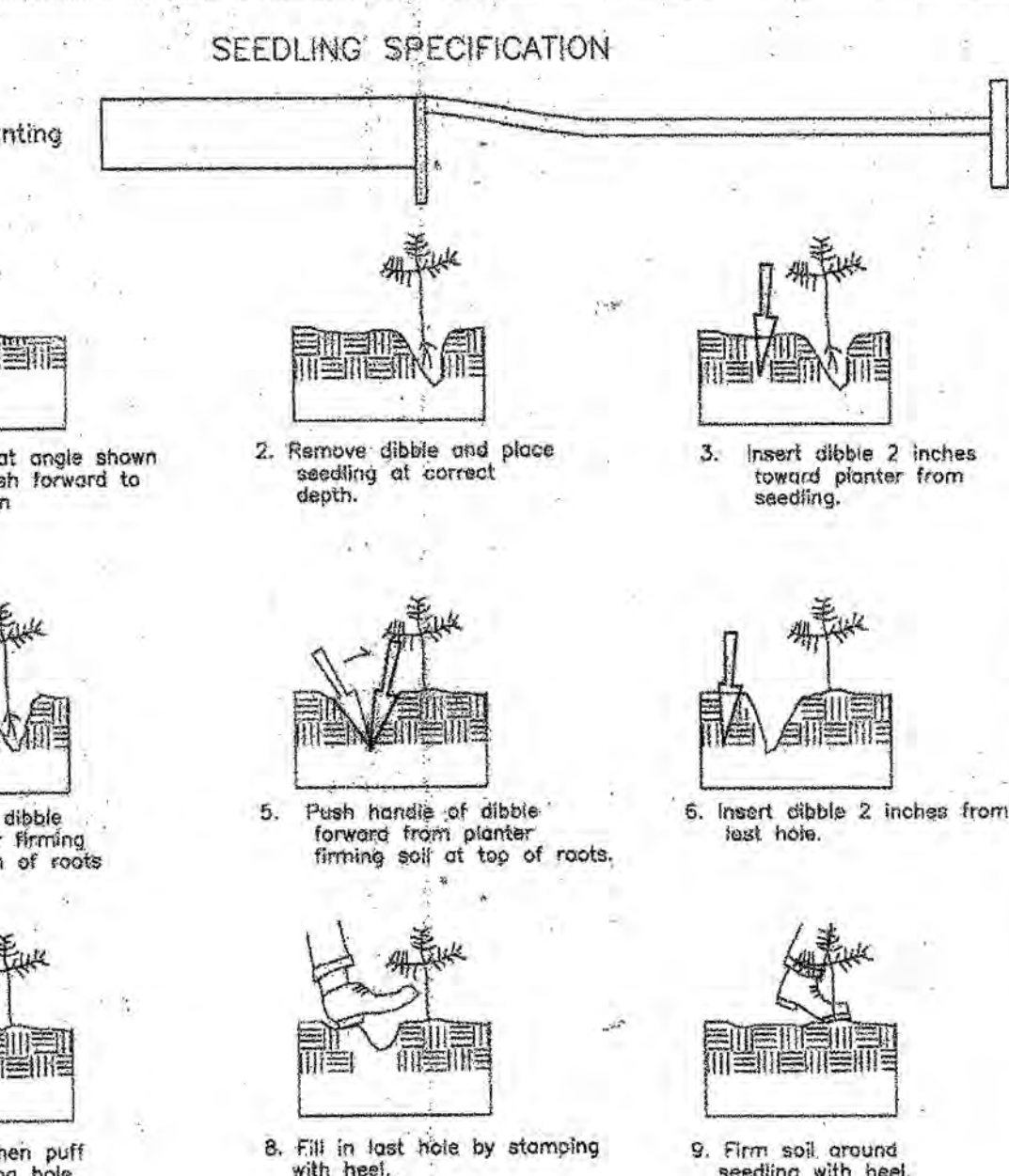
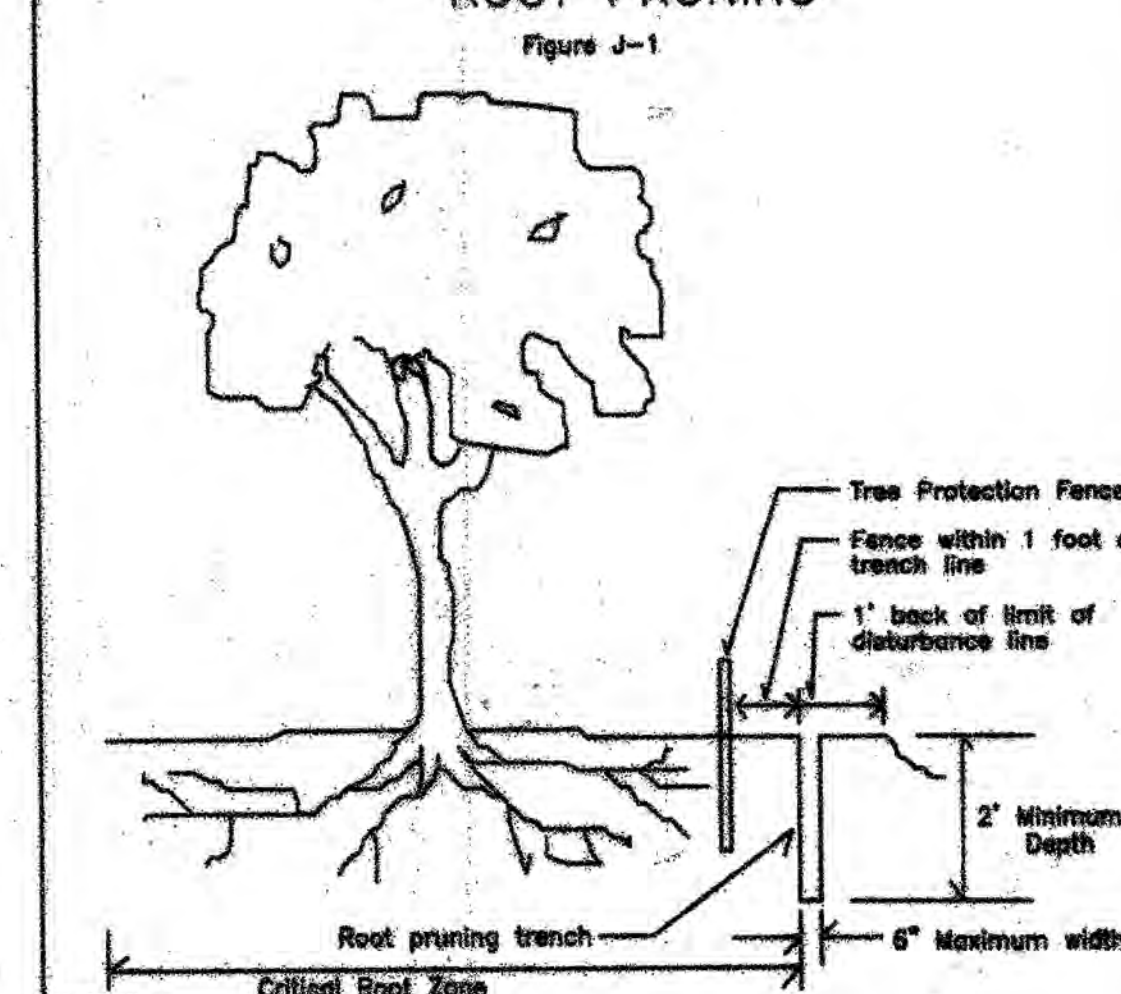
M-NCPPC APPROVALS
Prince George's Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP/057/08

APPROVED BY	Date
01/ [Signature]	12/1/08
02/ [Signature]	1/31/12
03/	
04/	
05/	
06/	

TREE PROTECTION FENCING
Blaze Orange Plastic Mesh

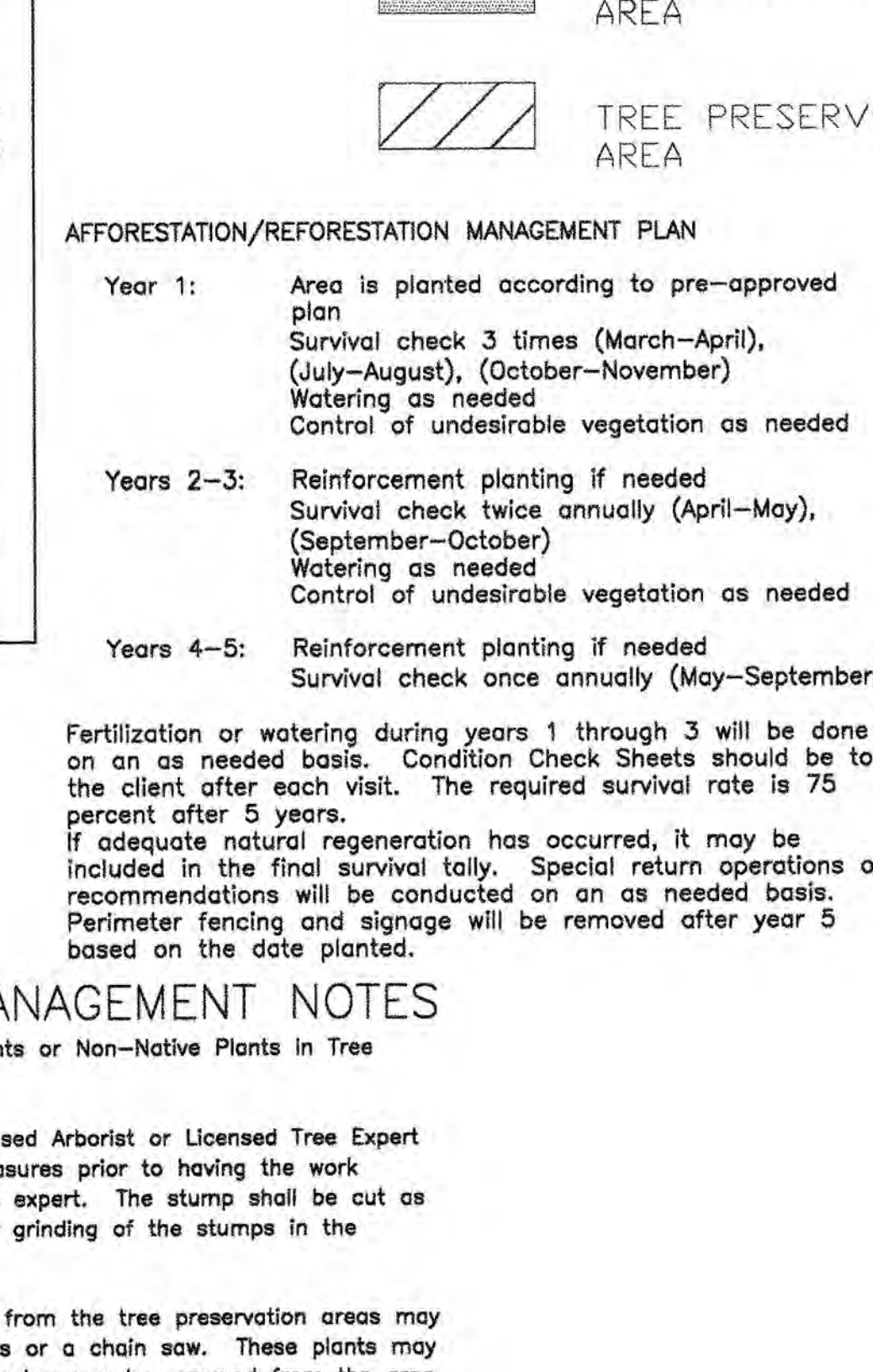
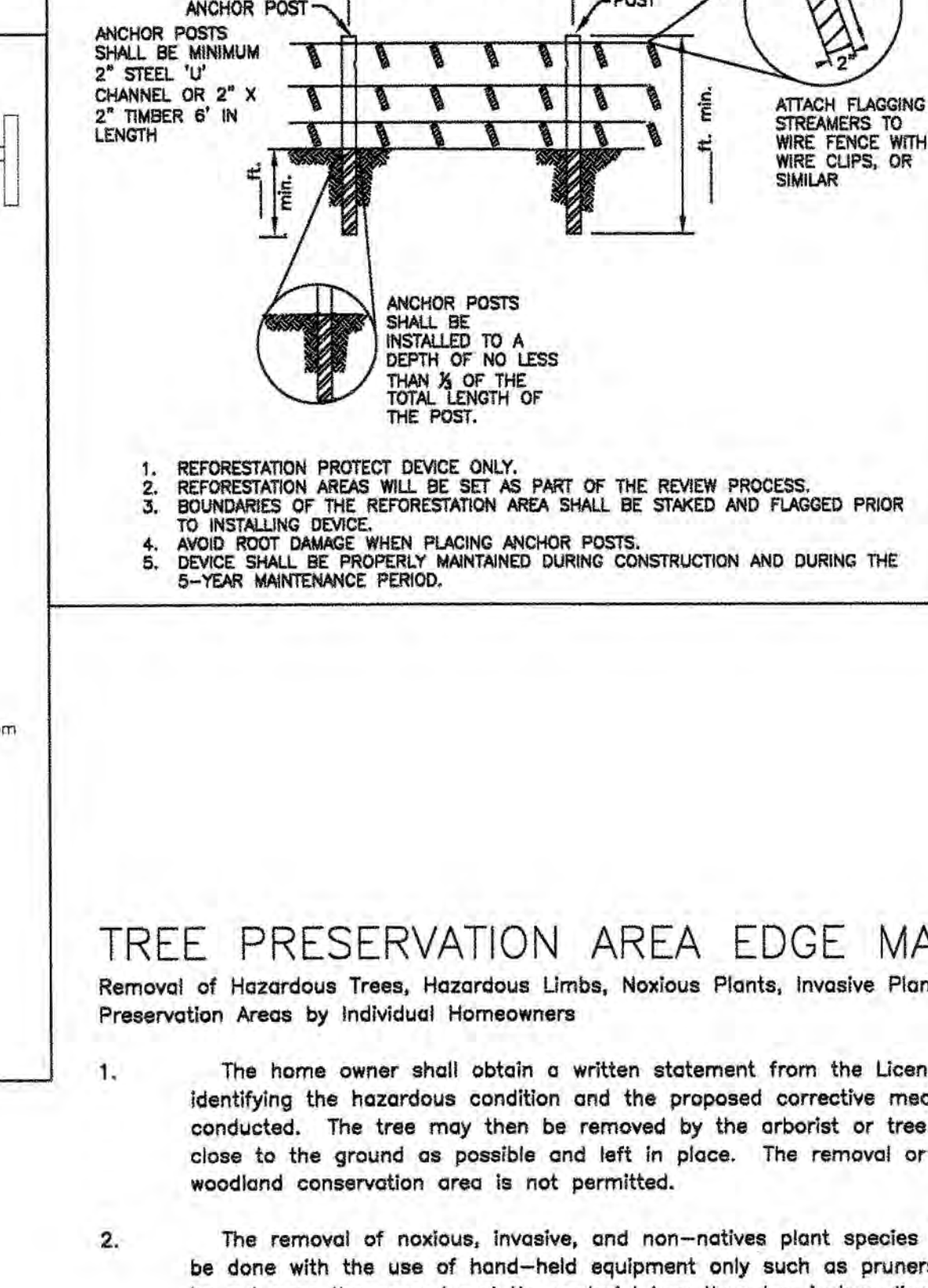
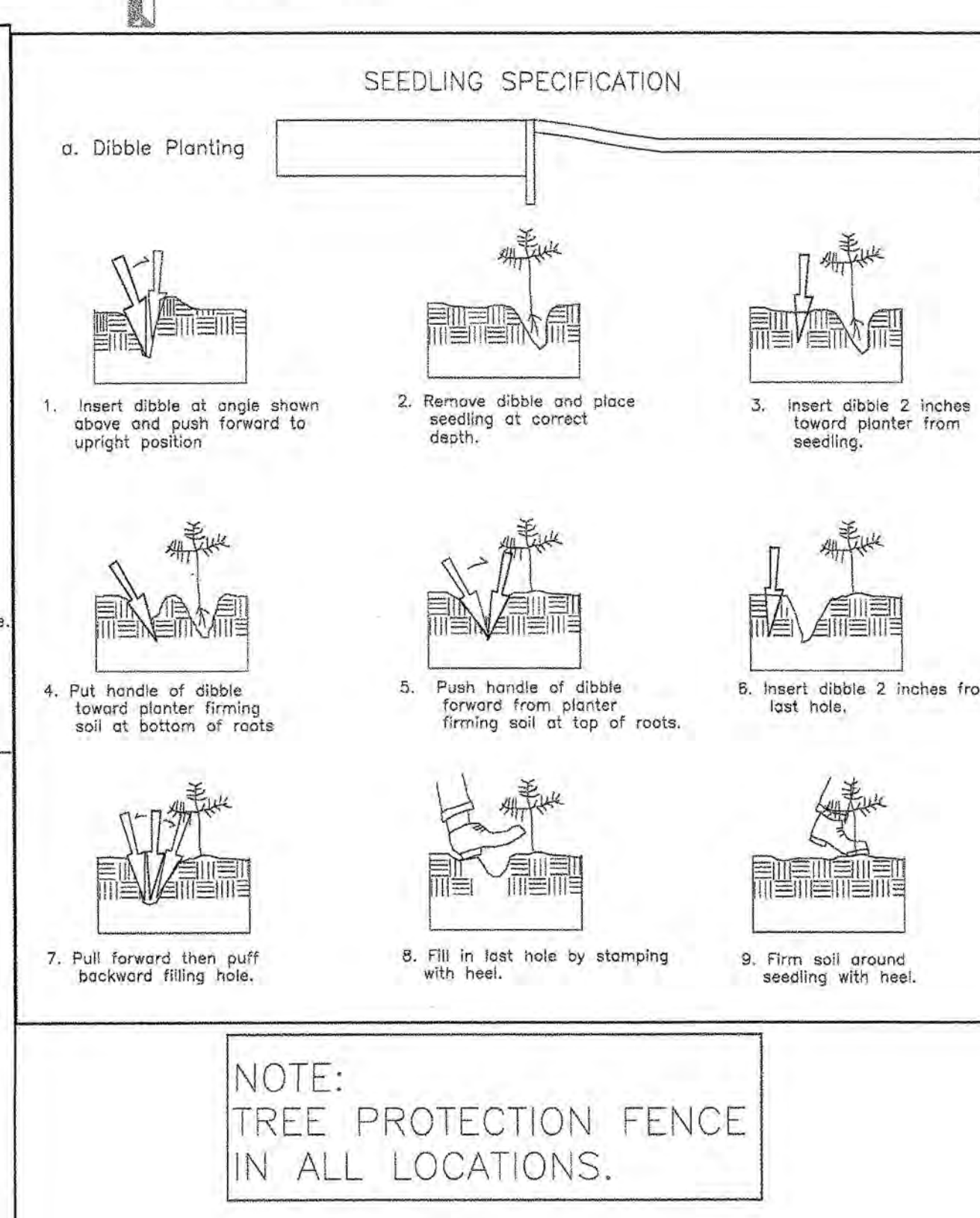
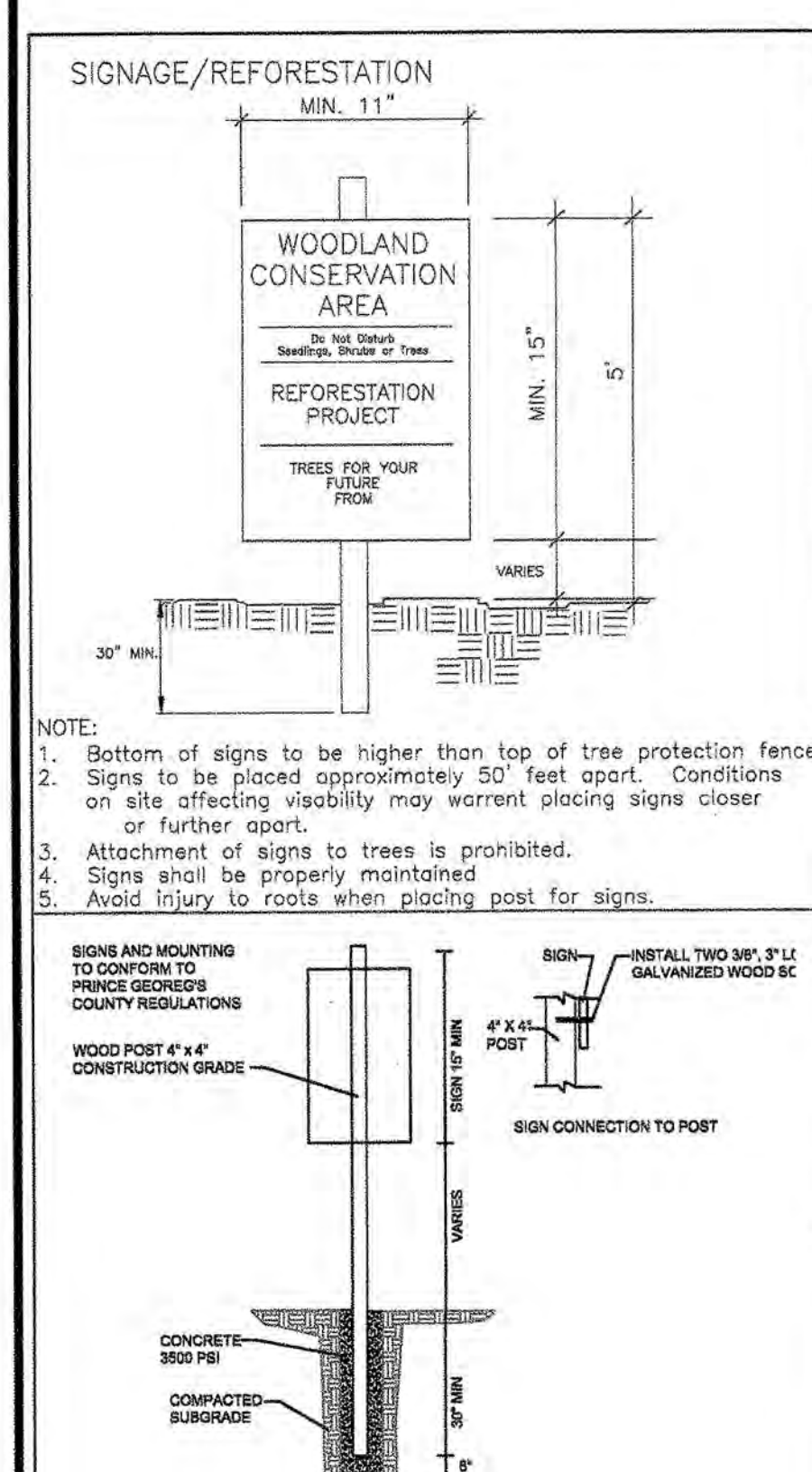
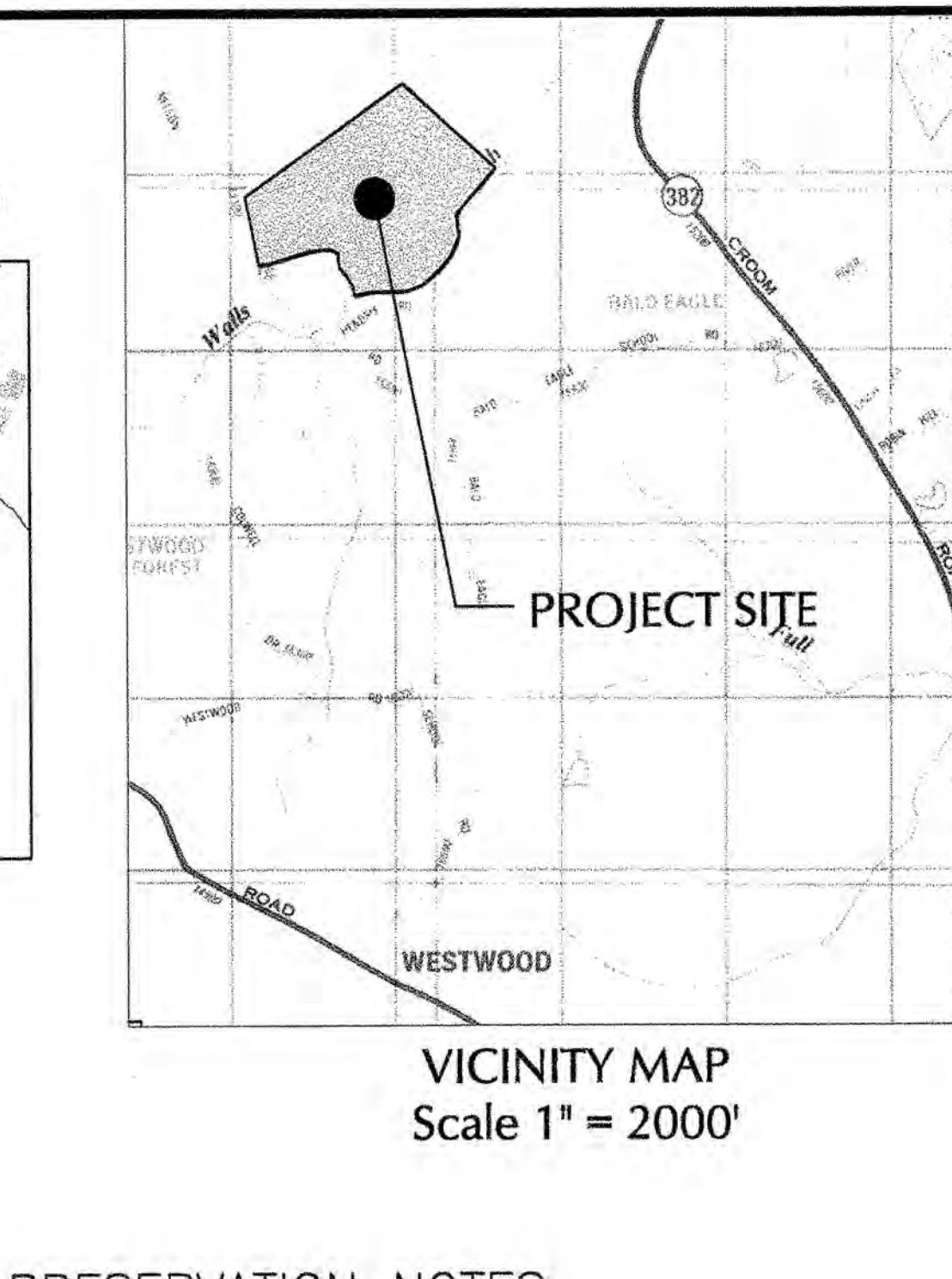
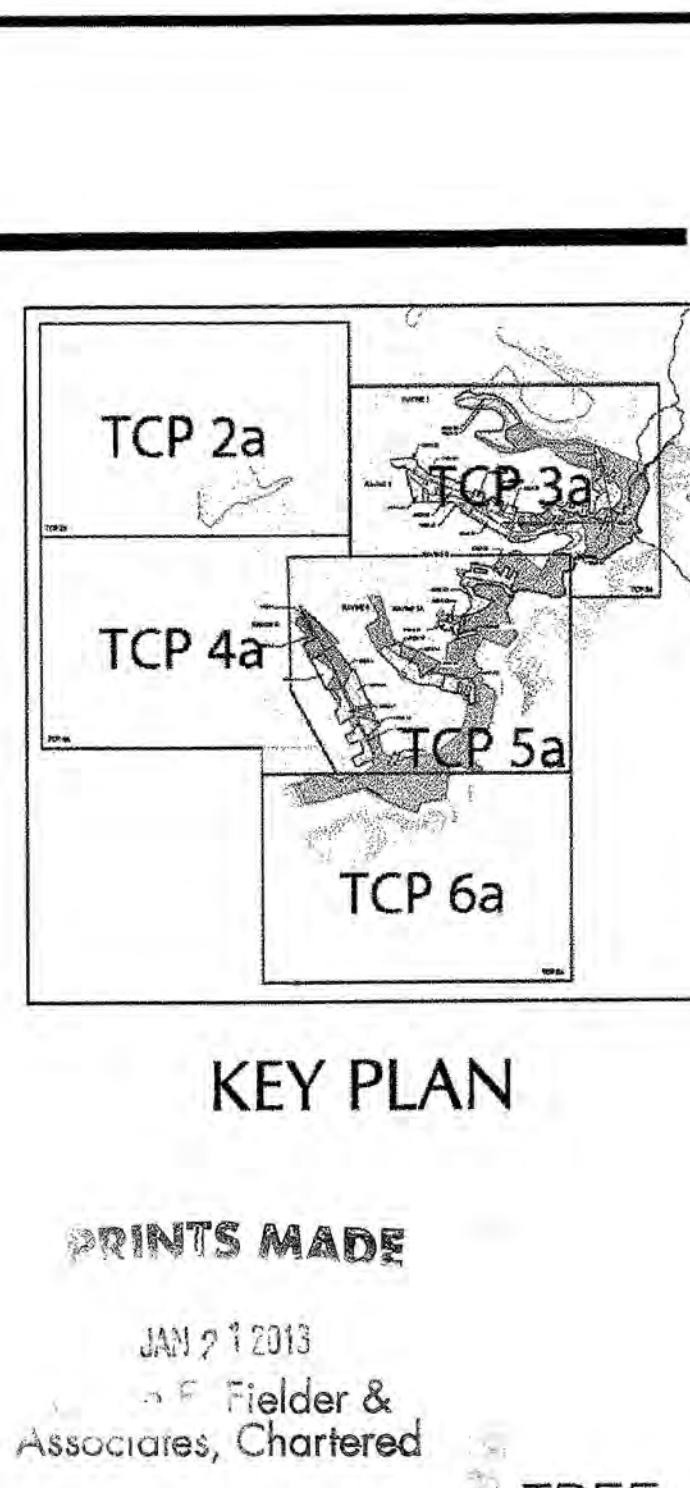
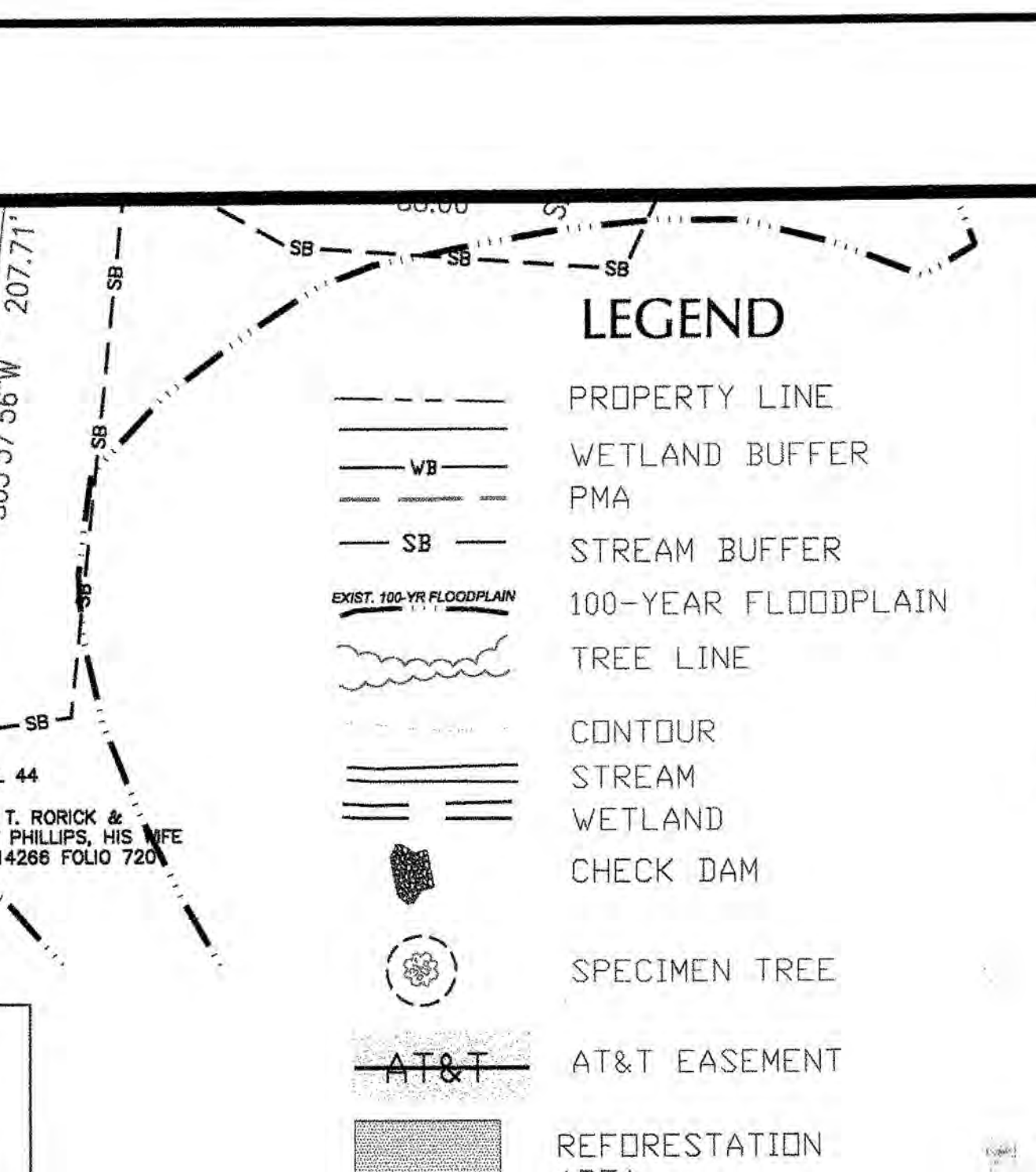
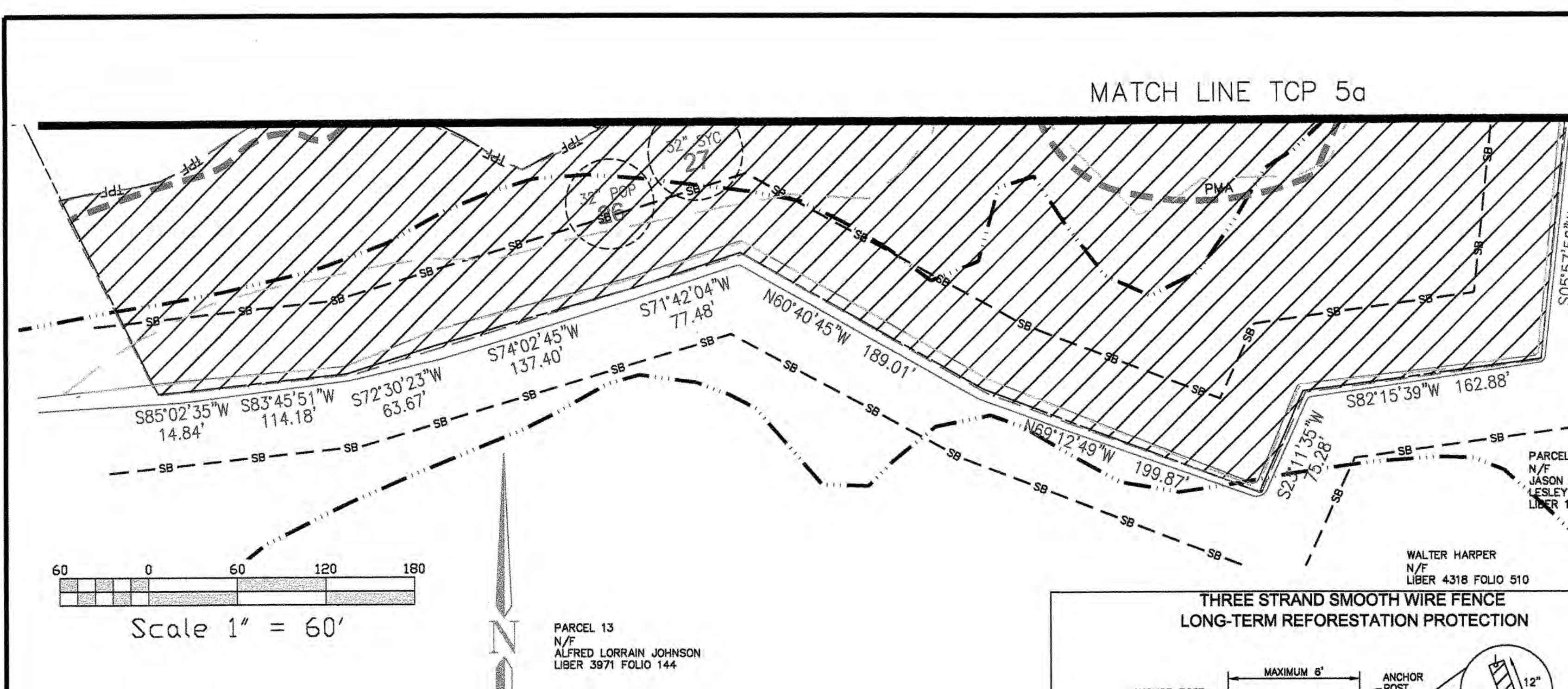
- NOTE:
- Forest protection device only.
 - Retention Area will be set as part of the review process.
 - Boundaries of Retention Area should be staked and flagged prior to installing device.
 - Root damage should be avoided.
 - Protective signage may also be used.
 - Device should be maintained throughout construction.

SOURCE: Prince George's County, Maryland, WOODLAND CONSERVATION MANUAL.
Adapted from Maryland State FOREST CONSERVATION MANUAL.

NOTE:
TREE PROTECTION FENCE
IN ALL LOCATIONS.ROOT PRUNING
Figure J-1

- NOTE:
- Retention Areas will be set as part of the review process.
 - Boundaries of Retention Area should be staked and flagged prior to trenching.
 - Exact location of trench should be identified.
 - Trench should be immediately back filled with soil removed or other high organic soil.
 - Roots should be clearly cut using vibratory knife or other acceptable equipment.

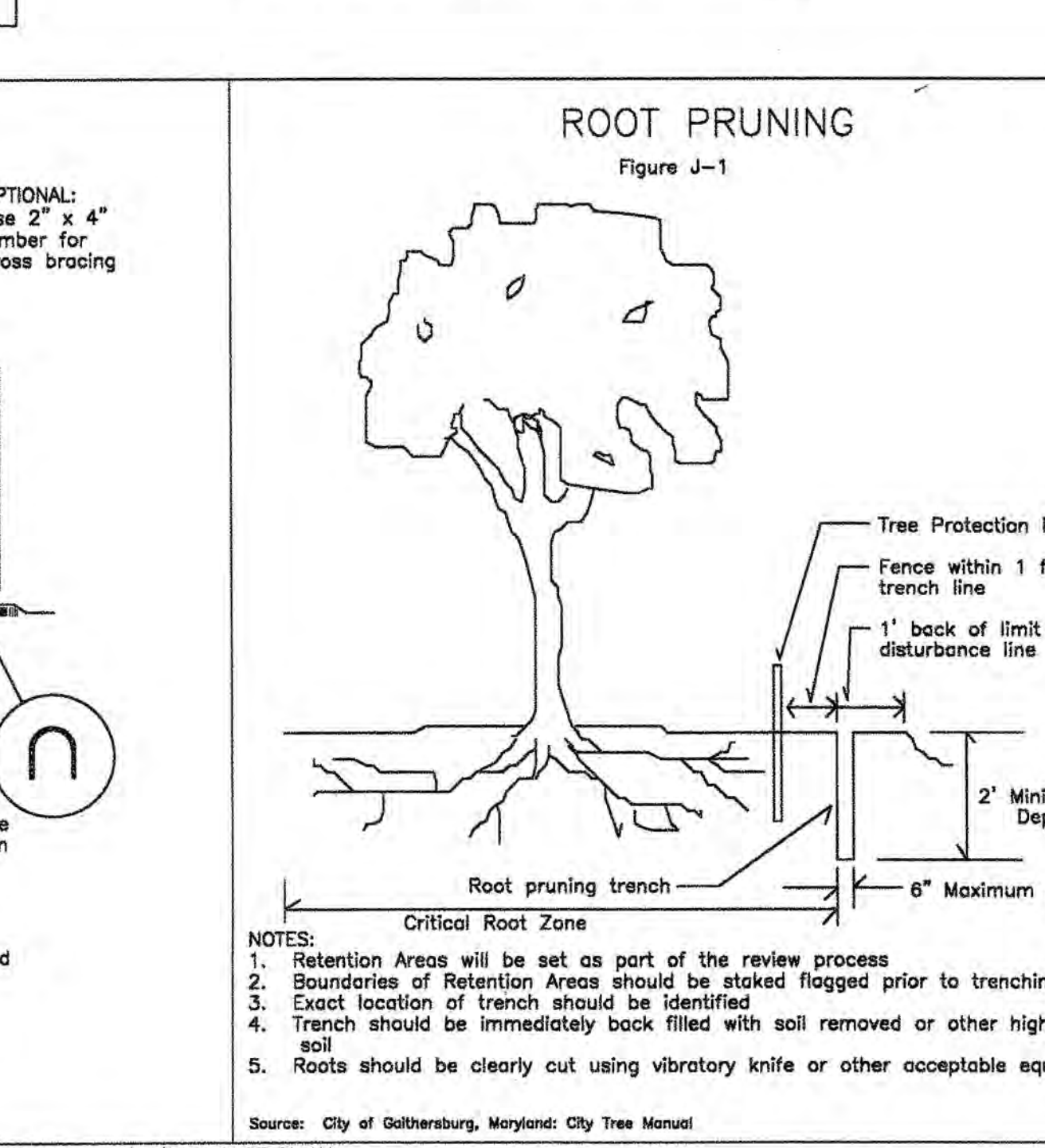
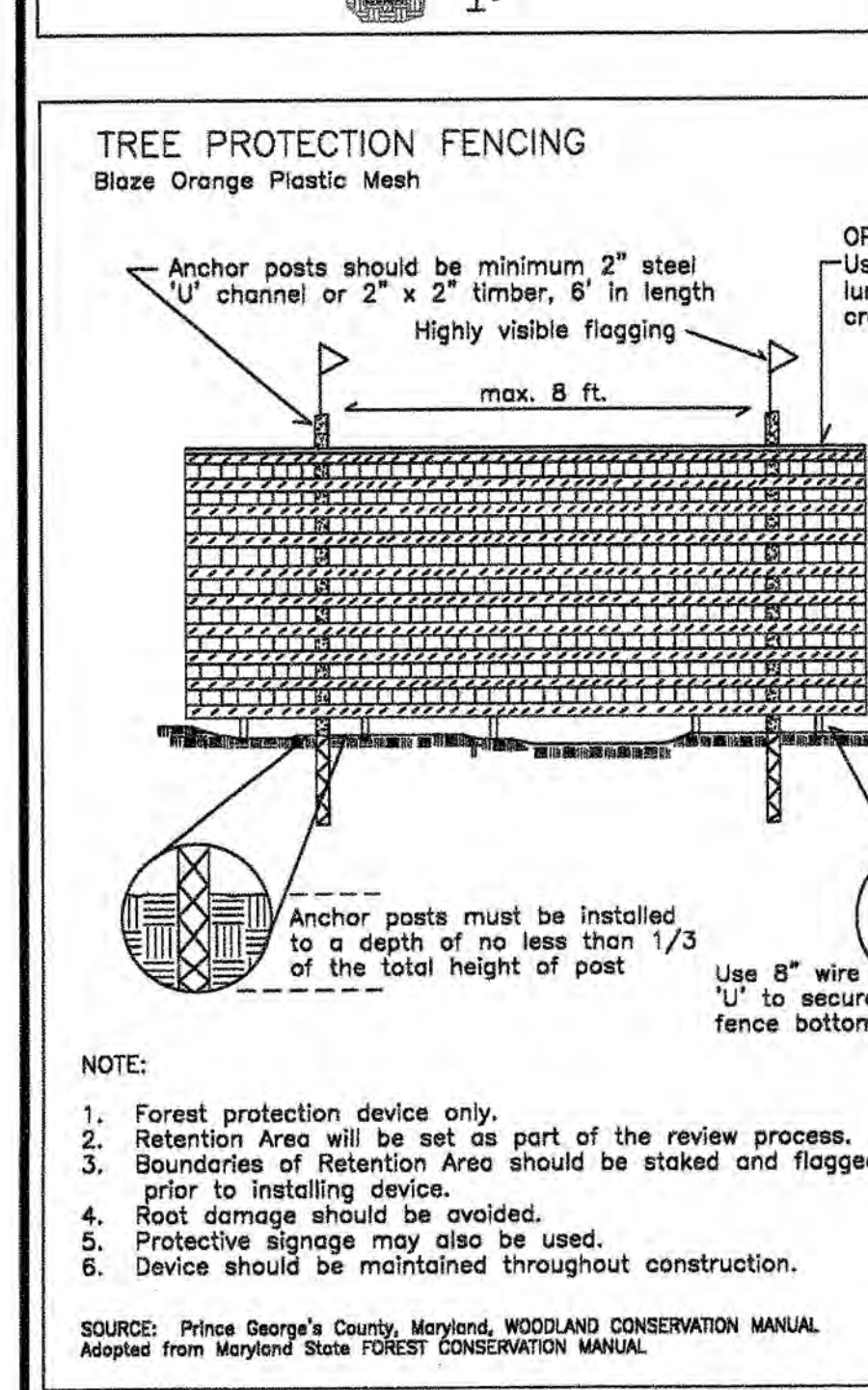
SOURCE: City of Baltimore, Maryland, City Tree Manual



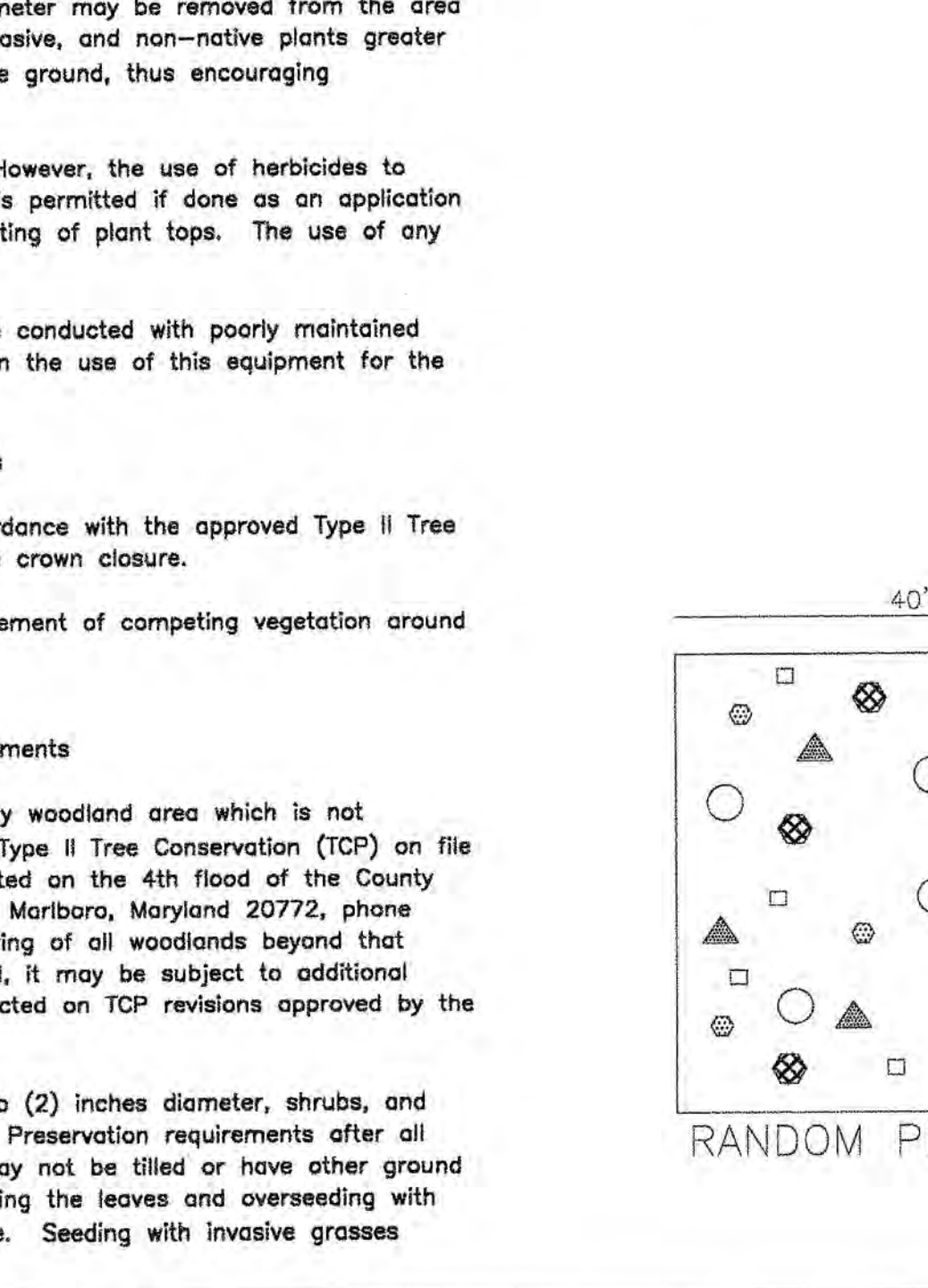
REFORESTATION PLANT LIST

PLANT CATEGORY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING
SEEDLINGS	ACER RUBRUM	RED MAPLE	SEEDLING	1264	RANDOM *
	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	SEEDLING	1139	RANDOM *
	QUERCUS ALBA	WHITE OAK	SEEDLING	1231	RANDOM *
	LIRIODENDRON TULIPIFERA	TULIP POPLAR	SEEDLING	1076	RANDOM *
	ILEX OPACA	AMERICAN HOLLY	SEEDLING	1229	RANDOM *
			TOTAL SEEDLING	5939	
TREES	ACER RUBRUM	RED MAPLE	1" Cal.	389	RANDOM *
	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" Cal.	362	RANDOM *
	QUERCUS ALBA	WHITE OAK	1" Cal.	331	RANDOM *
	LIRIODENDRON TULIPIFERA	TULIP POPLAR	1" Cal.	358	RANDOM *
	ILEX OPACA	AMERICAN HOLLY	1" Cal.	382	RANDOM *
			TOTAL 1" CAL TREE	1822	

- TREE PRESERVATION NOTES
- This tree conservation plan is submitted to fulfill the woodland conservation requirements.
 - No tree cutting or clearing shall take place on this site without the expressed, written consent of the M-NCPCC or its designee.
 - This plan is for tree protection, conservation and reforestation measures only.
 - All contractors performing work on this site shall notify "Miss Utility" 48 hours prior to any construction or grading by calling 1-800-257-7777 for the location of all utilities.
 - Contractor shall first locate and mark the underground utilities and delineate the utility easement areas where no planting shall take place prior to location and digging the pits for the trees.
 - All equipment and tools shall be placed so as not to interfere or hinder the pedestrian or vehicular traffic.
 - The contractors performing work on the site are responsible for protecting existing native and non-invasive plantings outside the LOD or areas designated on the plans during construction.
 - Seed or sod bare areas as directed by the county for all disturbed areas to be stabilized. See Erosion and sediment control plans sheet C-2 and C-3 for stabilization details.
 - For tree pruning and care methods please refer to the National Arborist Standards, latest edition.
 - During planting operation, excess and waste materials shall be promptly and frequently removed from job site.



- TREE PRESERVATION AREA EDGE MANAGEMENT NOTES
- Removal of Hazardous Trees, Hazardous Limbs, Noxious Plants, Invasive Plants or Non-Native Plants in Tree Preservation Areas by Individual Homeowners
- 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.
 - The removal of noxious, invasive, and non-natives plant species from the tree preservation 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.
 - 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 trees.
- Protection of Reforestation and Afforestation Areas by Individual Homeowners
- 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.
 - Reforestation areas shall not be mowed, however, the management of competing vegetation around individual trees is acceptable.
- Woodland Areas NOT Counted as Part of the Woodland Conservation Requirements
- 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-NCPCC Environmental Planning Section located on the 4th floor 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-NCPCC Environmental Planning Section.
 - 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 Tree Preservation 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.



- * SEE DIAGRAM ENTITLED "RANDOM PLANTINGS"
- REFORESTATION NOTES:
- Total Reforestation Area = 12.02 Acres.
 - Number of seedlings per acre = 1000.
 - Number of seedlings required = 12,020
 - Total number of planted seedlings = 9,426
 - Total number of natural regeneration observed = 3,434
 - Total number of seedlings provided (including natural regeneration) = 12,860
 - Substitutions are as follows:
1" Cal. Tree = 2 seedlings
- PLANTINGS ARE TO BE RANDOM WITH APPROXIMATELY 1 SEEDLING PER SIXTY - FOUR (64) SQUARE FEET

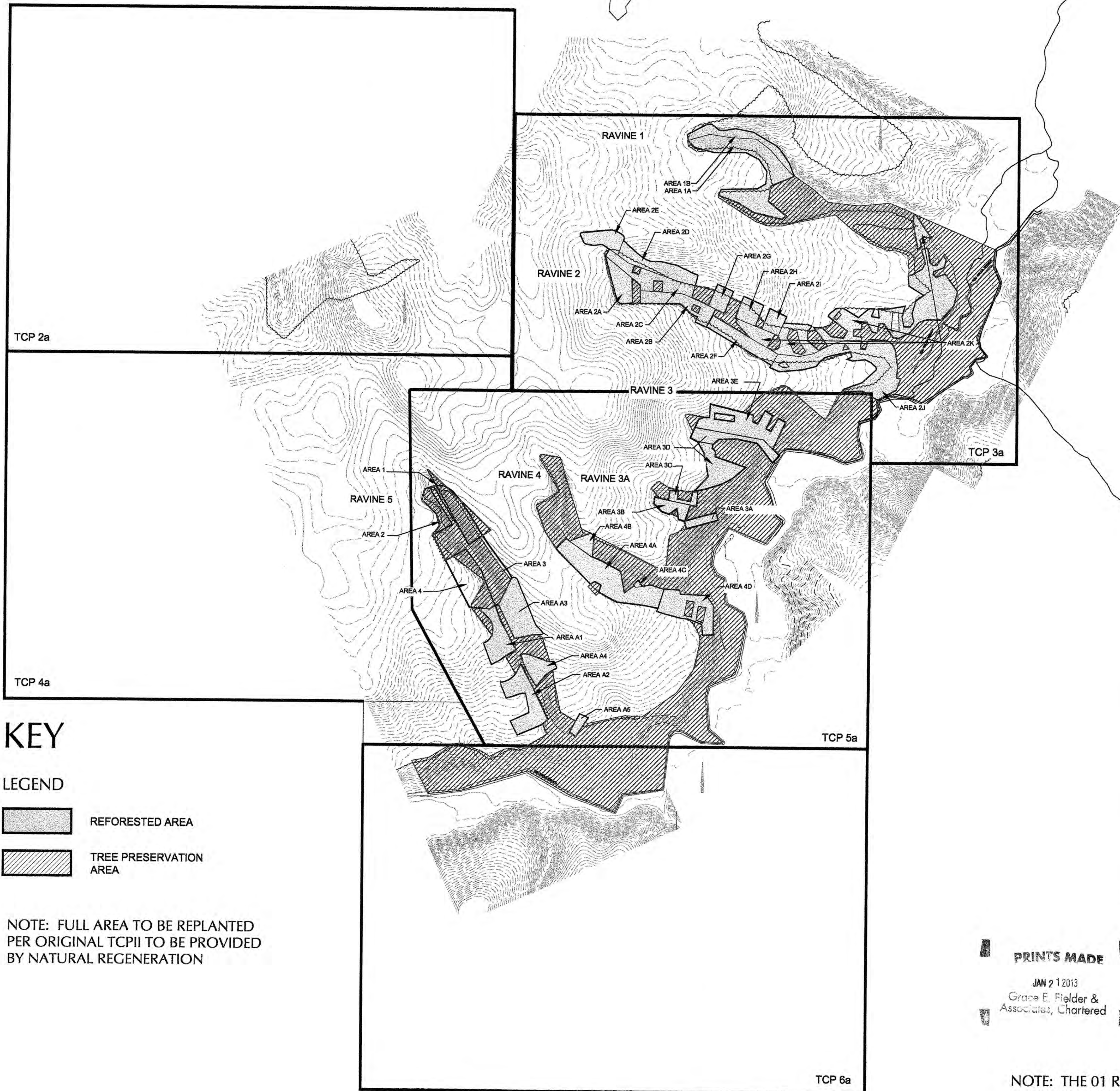
M.N.C.P.C. APPROVALS
Prince George's Planning Department
Environmental Planning Section

APPROVAL
TREE CONSERVATION PLAN
TCP/057/08

APPROVED BY	Date
01 KIM I. FINCH	12/17/08
02 [Signature]	1/31/13
03	
04	
05	

DESIGNED BY: [Signature]
DRAWN BY: [Signature]
CHECKED BY: [Signature]
FILE NAME: [Signature]
SCALE: 1"=60'

STATE OF MARYLAND
LANDSCAPE ARCHITECT
NO. 287
JAN 21 2013

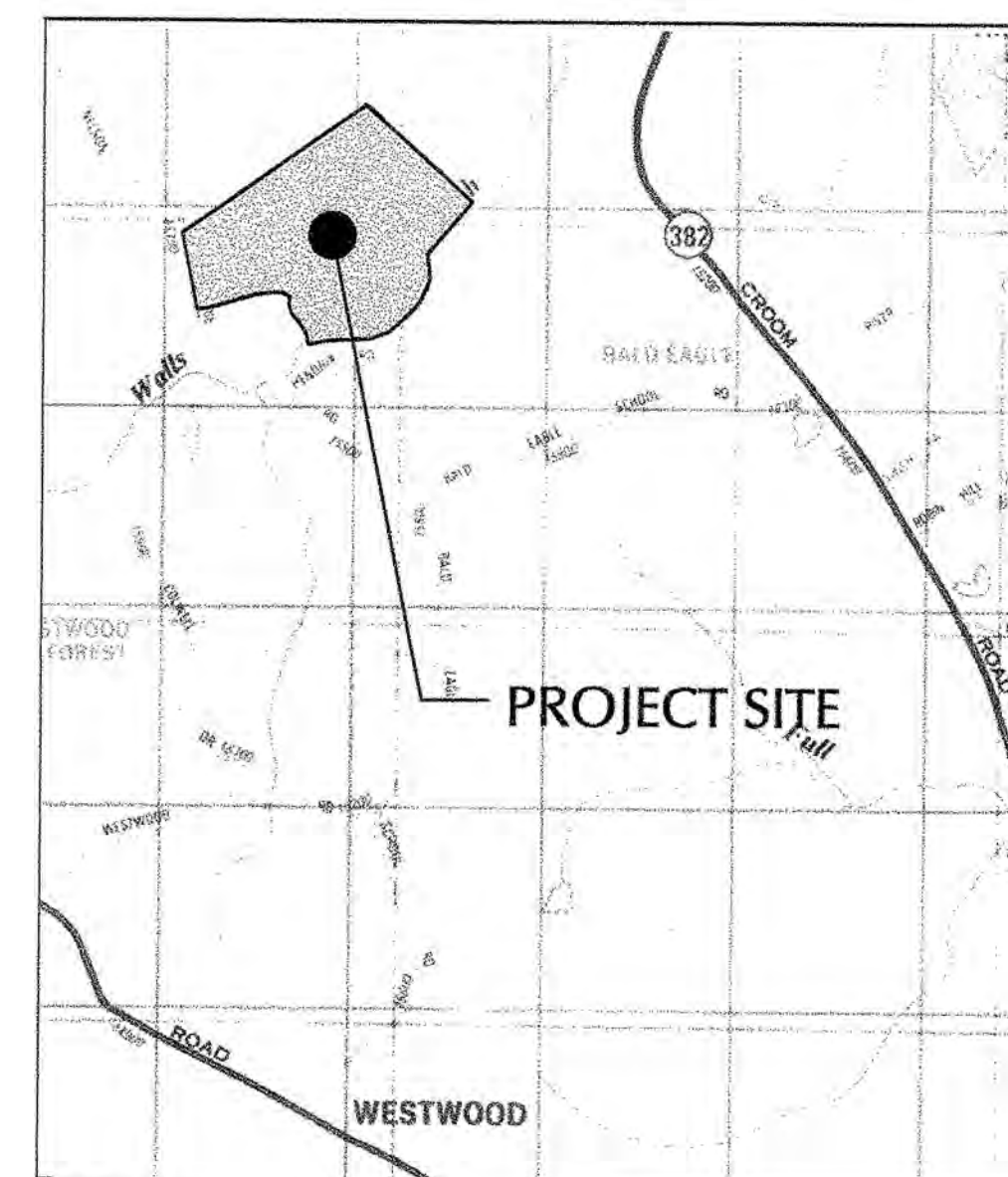


KEY

LEGEND

- REFORESTED AREA
- TREE PRESERVATION AREA

NOTE: FULL AREA TO BE REPLANTED PER ORIGINAL TCPII TO BE PROVIDED BY NATURAL REGENERATION



VICINITY MAP
Scale 1" = 2000'

Woodland Conservation Worksheet
for
Prince George's County Government Projects

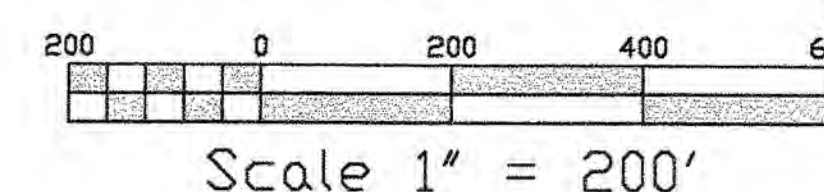
Property Description or Subdivision Name: Garner Tire Site

1 Zone:	OS	
2 Gross Tract:	114.41	
3 Existing Woodland = WCT	36.10	or 31.55%
4 Woodland Cleared	12.02	
5 Total area of woodland cleared (subject to 1:1 replacement)	12.02	
6 Off-Site Mitigation Provided (afforestation)	0.00	
7 Off-Site Mitigation Provided (preservation)	0.00	
8 Woodland Conservation Requirement:	36.10	
9 Woodland Conservation Provided:		
10 Woodland preserved	24.08	
11 Afforestation/Reforestation	9.58	
12 Natural Regeneration	3.43	
13 Prior Credit for Off-site Mitigation		
14 Current Credit for Off-site Mitigation		
15 Off-site Mitigation provided (afforestation)		
16 Off-site Mitigation provided (preservation)		
17 Area Mitigated by Woodland Conservation Fund		or \$0.00
18 Total Woodland Conservation Provided	37.09	

Location: _____
Location Name & TCP# _____

PRINTS MADE
JAN 21 2013
Grace E. Fielder &
Associates, Chartered

COMPOSITE PLAN



NOTE: THE 01 REVISION TO THIS TCPII IS FOR THE PURPOSES OF IDENTIFYING AREAS OF REQUIRED PLANTING TO BE PROVIDED IN NATURAL REGENERATION.

M.N.C.P.C. APPROVALS
Prince George's Planning Department
Environmental Planning Section

APPROVAL
TREE CONSERVATION PLAN
TCPII/057/08

APPROVED BY	Date
00 KIM I. FINCH	12/17/08
01 <i>[Signature]</i>	1/24/13
02	
03	
04	
05	

OVERALL SITE AND KEY SHEET - REVISED

GARNER PROPERTY

88TH ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND



G. E. FIELDER & ASSOCIATES, CHARTERED
PLANNERS, LANDSCAPE ARCHITECTS, ENVIRONMENTAL
11831 SCAGGSVILLE ROAD #170
FULTON, MARYLAND 20759
Phone: (301) 483-3615
Fax: (301) 483-3615
Email: gfielder@gfielder.com

GEF

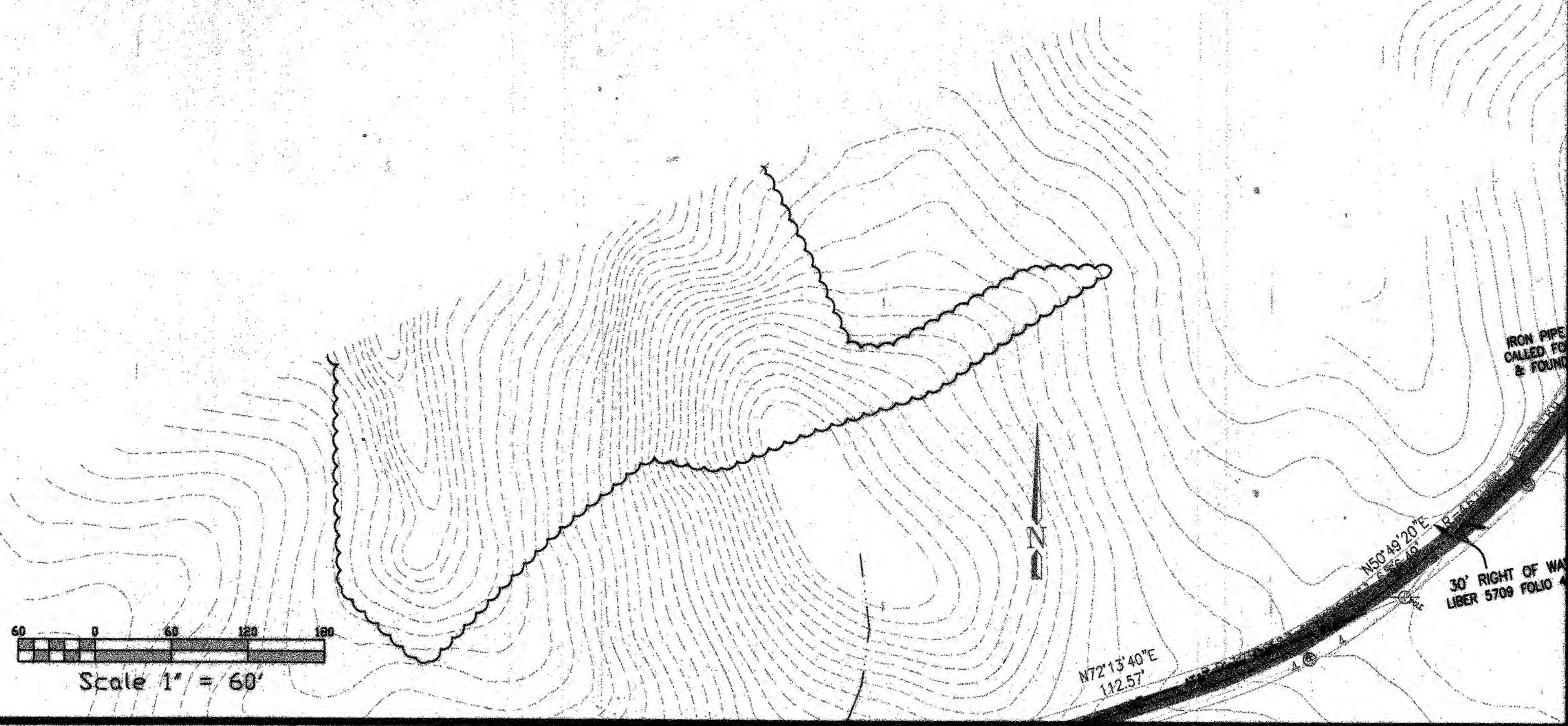
DESIGNED BY: PROJ. No. _____
DRAWN BY: _____
FILE NAME: _____
SCALE: 1"=200'
DATE: January 2013

TCP-1a
SHEET
2 OF 12

GENERAL CONSTRUCTION SEQUENCE NOTES:

NOTE: PRINCE GEORGE'S COUNTY DEPT. OF PUBLIC WORKS WILL BE THE DESIGNATED INSPECTION AUTHORITY ON THE SITE. THE PRINCE GEORGE'S SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING OF ALL SEDIMENT CONTROL INSPECTIONS INCLUDING PRE-CONSTRUCTION AND SUBSEQUENT SCHEDULED INSPECTIONS.

- BEFORE BEGINNING ON-SITE WORK, THE CONTRACTOR SHALL UPGRADE ANY OFF-SITE ROADS IN ACCORDANCE WITH THE SCOPE AND SCHEDULE AGREED WITH THE PRINCE GEORGE'S COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (DPWT).
- CONTRACTOR'S WORK SHALL PROCEED IN ONE RAVINE AT A TIME, STARTING WITH RAVINE 5 AND MOVING DOWNSTREAM TOWARDS RAVINE 1.
- CONTRACTOR'S WORK WITHIN EACH RAVINE SHALL START FROM THE UPPER SEGMENTS AT HIGHER ELEVATIONS AND PROGRESS DOWNSTREAM TO THE LOWER ELEVATIONS.
- THE CONTRACTOR SHALL INSTALL A CHECK DAM DENOTING THE DOWNSTREAM BOUNDARY OF EACH WORK AREA WITHIN THE RAVINE.
- FOLLOWING THE TREE REMOVAL AND HANDLING ACTIVITIES WITHIN EACH WORK AREA, THE CONTRACTOR SHALL COMPLETE THE STABILIZATION MEASURES AND RESTORATION TO EXISTING GRADE OVER THIS SEGMENT OF THE WORK AREA BEFORE MOVING ON TO THE NEXT WORK AREA, SO THAT THE SUBSEQUENT RESTORATION ACTIVITIES CAN BE STARTED IN THE STABILIZED WORK AREA.
- THE CONTRACTOR SHALL EXERCISE SPECIAL CARE TO INFLECT MINIMUM DISTURBANCE WITHIN THE FLOODPLAIN AND SLOPES OF TOM WALLS BRANCH, AND PERFORM ALL OPERATIONS MANUALLY OR USING SKID-STEER TYPE ROBOCAT EQUIPMENT OPERATING ON MATS OR GEO-GRID TYPE MATERIAL.



MATCH LINE SHEET 3

NOTE TO CONTRACTOR:

THE TCP - TYPE II PLAN SHALL BE USED FOR THE FOLLOWING CONTRACT ITEMS:

- TREE PROTECTION
- CLEARING, GRUBBING AND TREE PROTECTION PER LOD LIMITS
- SPECIMEN TREE REMOVAL
- TREE PRESERVATION AREA AND SPECIMEN TREE SIGNAGE
- REFORESTATION AREAS

GENERAL NOTES:

- CONTRACTOR TO INSTALL TREE PROTECTION FENCE PRIOR TO START OF CONSTRUCTION.
- TREE PILE AREAS SHALL BE REFORESTED UPON COMPLETION OF CLEANUP. SEE EROSION AND SEDIMENT CONTROL SHEET C-2 AND C-3 FOR STABILIZATION.
- NO REFORESTATION IS PERMITTED IN THE AT&T RIGHT-OF-WAY.

TREE PRESERVATION AREA

AREA	ACRES
AREA 1	0.94AC
AREA 2	0.05AC
AREA 3	3.08AC
AREA 4	0.03AC
AREA 5	0.41AC
AREA 6	1.29AC
AREA 7	0.91AC
AREA 8	2.92AC
AREA 9	3.78AC
TOTAL	13.41AC

REFORESTATION AREAS

AREA	ACRES
AREA 1	0.68AC
AREA 2	0.57AC
AREA 3	8.24AC
AREA 4	0.46AC
AREA 5	8.63AC
AREA 6	4.11AC
TOTAL	22.69AC

No.	DBH	COMMON NAME	BOTANICAL NAME	CONDITION	PROPOSED DISPOSITION	PRESERVATION TREATMENT
1	30"	TULIP POPLAR	LIRIODENDRON TULIPIFERA	FAIR	REMOVE	-
2	31"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCE
3	32"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCE
4	35"	SYCAMORE	PLATANUS OCCIDENTALIS	POOR	SAVE	PROTECTION FENCE
5	30"	AMERICAN BEECH	FAGUS GRANDIFOLIA	GOOD	REMOVE	-
6	31"	AMERICAN BEECH	FAGUS GRANDIFOLIA	FAIR	REMOVE	-
7	35"	AMERICAN BEECH	FAGUS GRANDIFOLIA	GOOD	REMOVE	-
8	30"	TULIP POPLAR	LIRIODENDRON TULIPIFERA	GOOD	REMOVE	-
9	33"	HICKORY	CARYA OVATA	GOOD	REMOVE	-
10	48"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCING
11	31"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCING
12	31"	RED MAPLE	ACER RUBRUM	POOR	SAVE	PROTECTION FENCING
13	42"	NORTHERN RED OAK	QUERCUS BOREALIS	FAIR	REMOVE	-
14	35"	BLACK WALNUT	JUGLANS NIGRA	POOR	SAVE	PROTECTION FENCING
15	32"	HICKORY	CARYA OVATA	GOOD	SAVE	PROTECTION FENCING
16	32"	AMERICAN BEECH	FAGUS GRANDIFOLIA	FAIR	REMOVE	-
17	30"	AMERICAN BEECH	FAGUS GRANDIFOLIA	GOOD	REMOVE	-
18	32"	TULIP POPLAR	LIRIODENDRON TULIPIFERA	FAIR	REMOVE	-
19	31"	TULIP POPLAR	LIRIODENDRON TULIPIFERA	FAIR	REMOVE	-
20	33"	NORTHERN RED OAK	QUERCUS BOREALIS	FAIR	REMOVE	-
21	40"	BLACK WALNUT	JUGLANS NIGRA	POOR	REMOVE	-
22	40"	AMERICAN ELM	ULMUS AMERICANA	FAIR	REMOVE	-
23	38"	SYCAMORE	PLATANUS OCCIDENTALIS	GOOD	SAVE	-
24	30"	AMERICAN BEECH	FAGUS GRANDIFOLIA	FAIR	SAVE	PROTECTION FENCING
25	31"	WHITE OAK	QUERCUS ALBA	FAIR	SAVE	-
26	32"	TULIP POPLAR	LIRIODENDRON TULIPIFERA	GOOD	SAVE	-
27	32"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	-
28	36"	BLACK WALNUT	JUGLANS NIGRA	POOR	SAVE	-
29	37"	TULIP POPLAR	LIRIODENDRON TULIPIFERA	GOOD	REMOVE	-
30	32"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCING
31	33"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCING
32	40"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCING
33	30"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCING
34	40"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCING
35	40"	SYCAMORE	PLATANUS OCCIDENTALIS	GOOD	SAVE	PROTECTION FENCING
36	30"	SYCAMORE	PLATANUS OCCIDENTALIS	POOR	SAVE	PROTECTION FENCING
37	32"	SYCAMORE	PLATANUS OCCIDENTALIS	POOR	SAVE	PROTECTION FENCING

* Specimen trees were located using GPS.

Woodland Conservation Worksheet for Prince George's County Government Projects

Property Description or Subdivision Name:

Garner Tire Site

Zone:
Gross Tract:
Existing Woodland = WCT
Woodland Cleared
Total area of woodland cleared (subject to 1:1 replacement)
Woodland Conservation Requirement:

OS	114.41
WCT	36.10
WCT	22.69
WCT	22.69
WCT	36.10

or 31.55%

Woodland Conservation Provided:
Woodland preserved
Afforestation
Reforestation
Prior Credit for Off-site Mitigation
Current/Credit for Off-site Mitigation
On-site Mitigation provided on this property
Total Woodland Conservation Provided

WCT	13.41
WCT	22.69
WCT	36.10

Location:
Location:

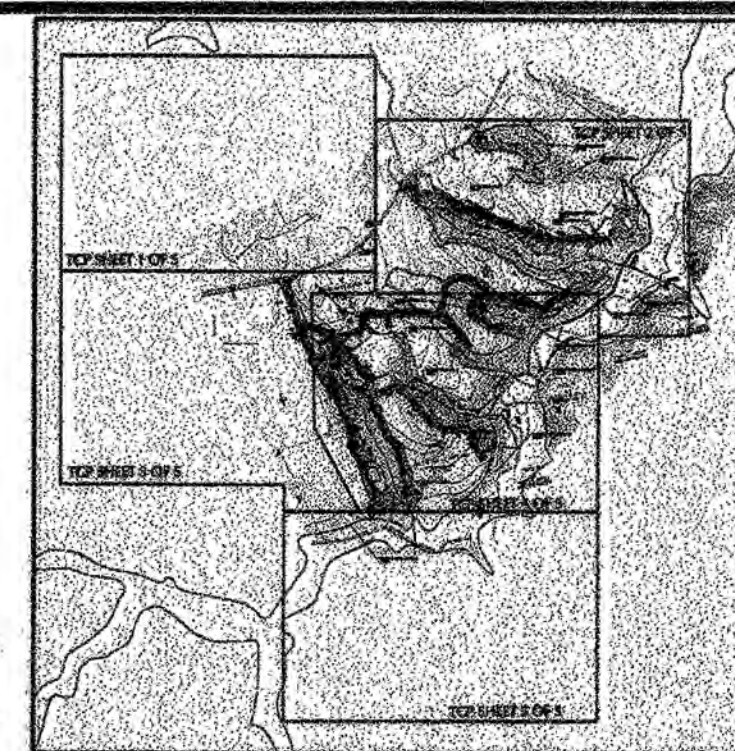
Prepared by:
License Number:

Signed _____ Date _____

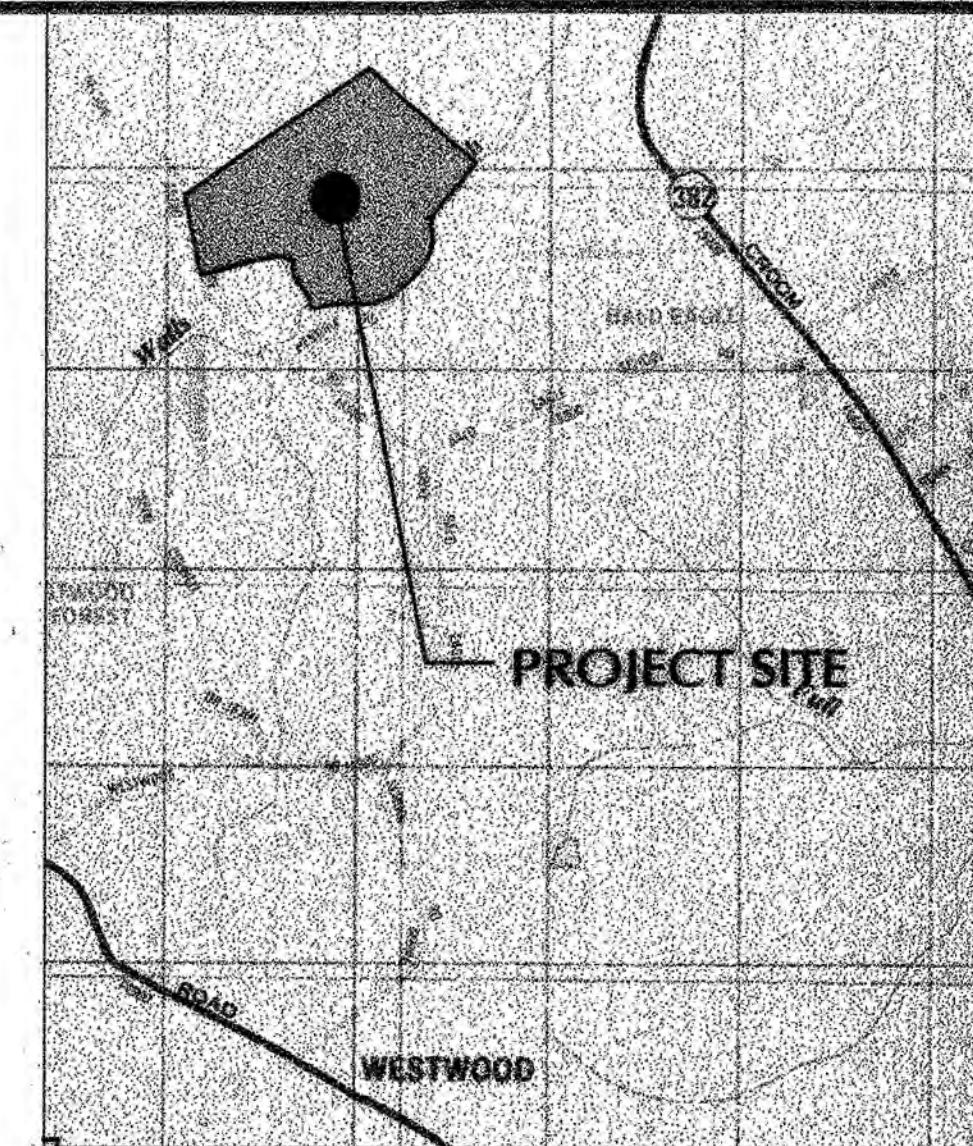
Revised 9/1/04

DATA SOURCES:

- Electronic base sheets were provided by Andrews, Miller & Associates (A Division of Davis, Bowen & Friedel, Inc. 15 Old Solomons Island Road, Suite #104, Annapolis, MD 21401).
- Topography (NAD83) based on the GIS data provided by Arcadis.
- Property Line and topography shown herein are based on the AutoCAD/GIS Digital Map provided by CPJ Associates (Charles P. Johnson & Associates) - Entitled "Preliminary Site Plan - Wallace & Louise P. Garner Property, Parcel 3, Tax Map 158, Grid B2", Sheet 1 of 5, Dated Jan. 2005, for Maryland Environmental Services. The coordinate system for this project was established using conventional and GPS observations on is based on Maryland State Plane Coordinate Grid (NAD 83/91), using NGS CORS Station Galt, and is known as the north American Vertical Datum of 1955 (NAD 85). No field survey has been conducted to verify the property lines.
- The existing utilities shown herein are based on the GIS data provided by ARCADIS, and shall be verified by the contractor to his satisfaction and coordinated with the utility companies prior to the construction.
- Digital source: Linework is provided by the Maryland-National Capital Park and Planning Commission (M-NCPCC).
- Wetlands and wetland flags, and tree pile layers are provided by CPJ, Inc. 1751 Elton Road, Suite 300, Silver Spring, Maryland 20903, phone (301) 434-7000.



KEY PLAN



Scale 1" = 2000'
VICINITY MAP

LEGEND

- PROPERTY BOUNDARY
- EXIST. 100-YR FLOODPLAIN
- 100 YEAR FLOODPLAIN
- TREE LINE
- SPECIMEN TREE
- EXISTING NURSERY
- WETLANDS
- EXISTING CONTOUR
- PROPOSED CONTOUR
- TIRE PILE BOUNDARY
- WETLAND BUFFER
- PMA - PRIMARY MANAGEMENT AREA
- SB - STREAM BUFFER
- OSF - ORANGE SAFETY FENCE
- LOD - LIMIT OF DISTURBANCE
- SF - PROPOSED SILT FENCE
- PROPOSED CHECK DAM
- PROPOSED EQUIPMENT LOADING PAD
- PROPOSED RIP RAP FLOW SPREADER
- TREE PRESERVATION AREA
- REFORESTATION AREA
- PROPOSED HAUL ROAD
- AT&T EASEMENT

PRINTS MADE

JAN 2 12013

Grace E. Fielder & Associates, Chartered



M.N.C.P.P.C. APPROVALS
Prince George's Planning Department
Environmental Planning Section

APPROVAL
TREE CONSERVATION PLAN

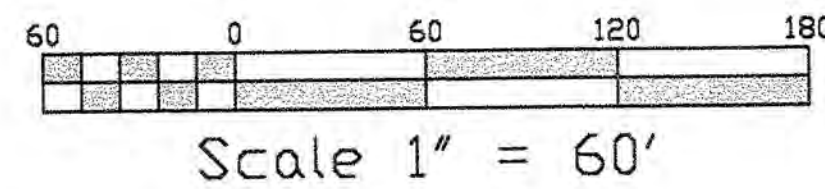
TCPH/057/08

APPROVED BY	Date
01/01/13	12/17/08
02/01/13	12/17/08
03/01/13	
04/01/13	
05/01/13	
06/01/13	

GENERAL CONSTRUCTION SEQUENCE NOTES:

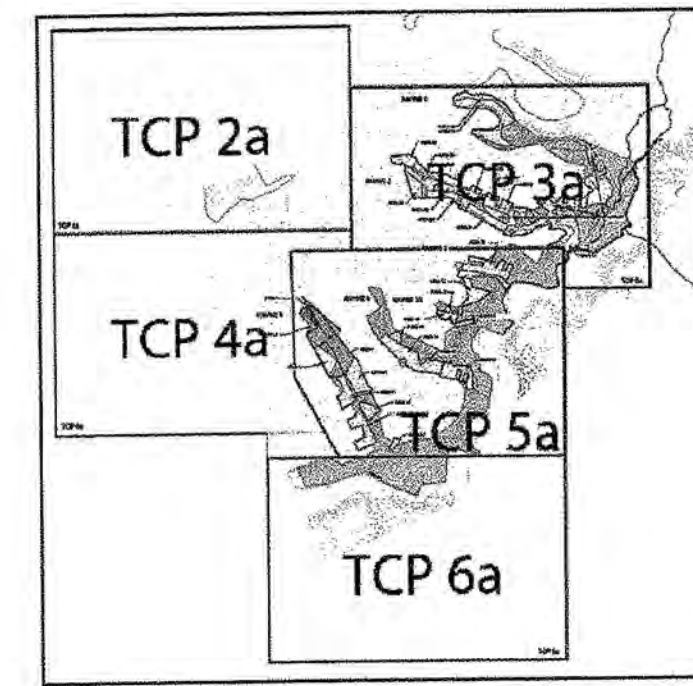
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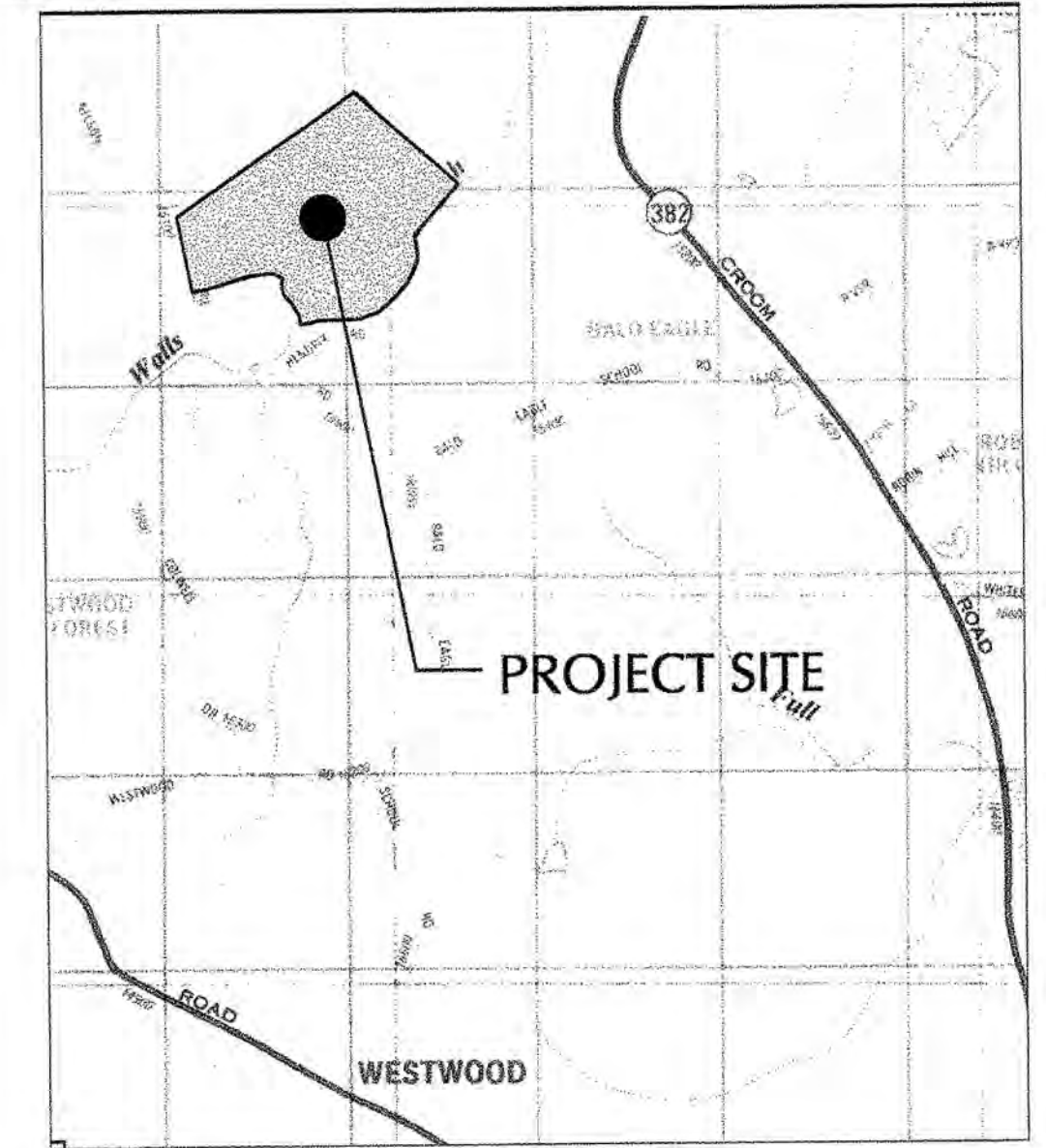


MATCH LINE TCP 4a

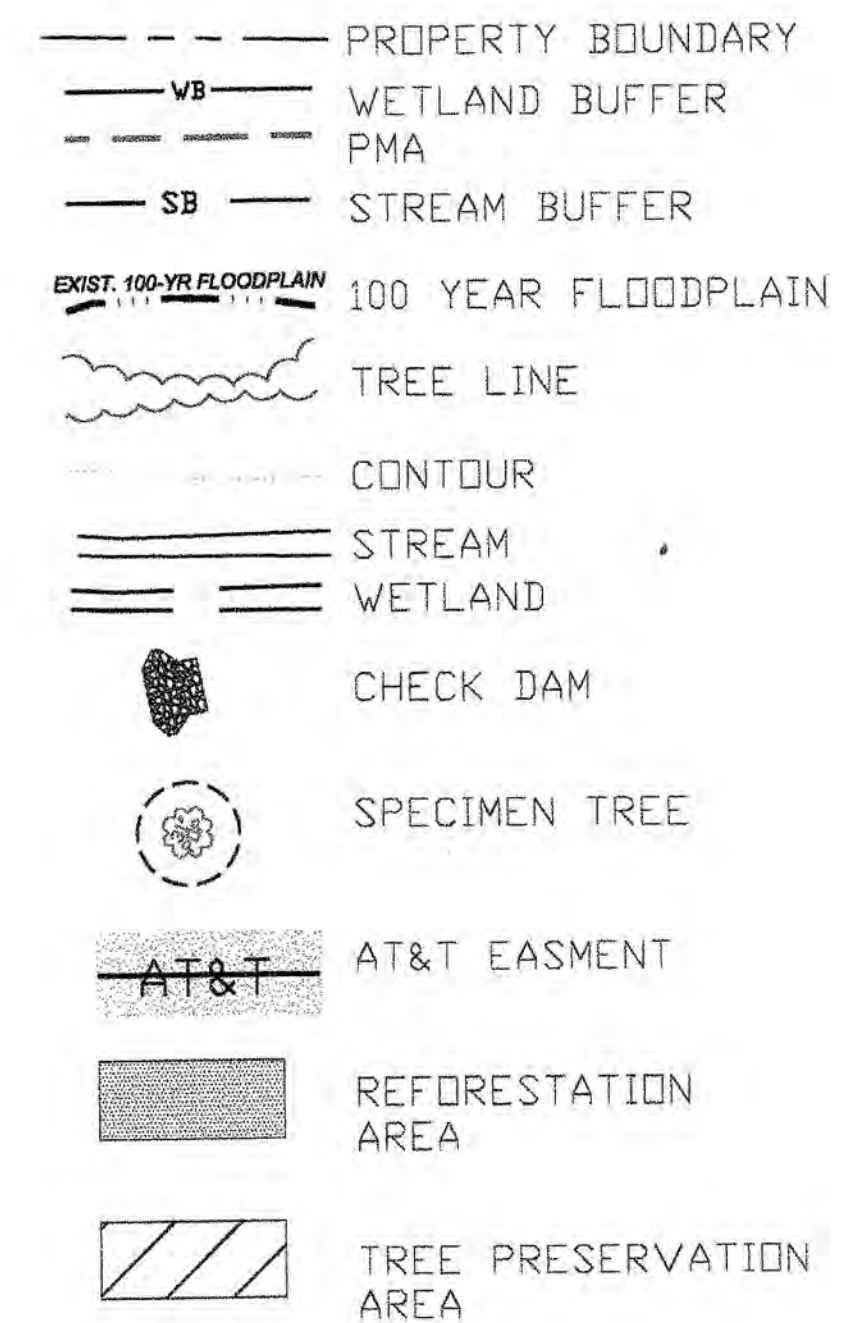
MATCH LINE TCP 3a



KEY PLAN



VICINITY MAP
Scale 1" = 2000'



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- TREE PROTECTION
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- SPECIMEN TREE REMOVAL
- TREE PRESERVATION AREA AND SPECIMEN TREE SIGNAGE
- REFORESTATION AREAS

GENERAL NOTES:

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- NO REFORESTATION IS PERMITTED IN THE AT&T RIGHT-OF-WAY.

SPECIMEN TREES*

No.	DBH	COMMON NAME	BOTANICAL NAME	CONDITION	PROPOSED DISPOSITION	PRESERVATION TREATMENT
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2	31"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCE
3	32"	SYCAMORE	PLATANUS OCCIDENTALIS	FAIR	SAVE	PROTECTION FENCE
4	35"	SYCAMORE	PLATANUS OCCIDENTALIS	POOR	SAVE	PROTECTION FENCE
5	30"	AMERICAN BEECH	FAGUS GRANDIFOLIA	GOOD	REMOVE	-
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7	35"	AMERICAN BEECH	FAGUS GRANDIFOLIA	GOOD	REMOVE	-
8	30"	TULIP POPLAR	LIRIODENDRON TULIPIFERA	GOOD	REMOVE	-
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12	31"	RED MAPLE	ACER RUBRUM	POOR	SAVE	PROTECTION FENCING
13	47"	NORTHERN RED OAK	QUERCUS BOREALIS	FAIR	REMOVE	-
14	35"	BLACK WALNUT	JUGLANS NIGRA	POOR	SAVE	PROTECTION FENCING
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36	30"	SYCAMORE	PLATANUS OCCIDENTALIS	POOR	SAVE	PROTECTION FENCING
37	32"	SYCAMORE	PLATANUS OCCIDENTALIS	POOR	SAVE	PROTECTION FENCING

* Specimen trees were located using GPS.

DATA SOURCES:

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Woodland Conservation Worksheet for Prince George's County Government Projects

Property Description or Subdivision Name:	Garner Tire Site
1 Zone:	OS
2 Gross Acre:	114.41
3 Existing Woodland = WCT	38.10
4 Woodland Cleared	12.02
5 Total area of woodland cleared (subject to 1:1 replacement)	12.02
6 Off-site Mitigation Provided (afforestation)	0.00
7 Off-site Mitigation Provided (preservation)	0.00
8 Woodland Conservation Requirement:	36.10
9 Woodland Conservation Provided:	24.08
10 Woodland preserved	3.66
11 Afforestation/Reforestation	3.43
12 Natural Regeneration	
13 Prior Credit for Off-site Mitigation	
14 Current Credit for Off-site Mitigation	
15 Off-site Mitigation provided (afforestation)	
16 Off-site Mitigation provided (preservation)	
17 Area Mitigated by Woodland Conservation Fund	
18 Total Woodland Conservation Provided	37.09

PRINTS MADE

JAN 21 2013
Grace E. Fielder &
Associates, Chartered



M.N.C.P.P.C APPROVALS
Prince George's Planning Department
Environmental Planning Section

APPROVAL TREE CONSERVATION PLAN

TCP11/057/08

APPROVED BY	Date
00 KIM I FINCH	12/17/08
01 KIFinch	1/30/13
02	
03	
04	
05	

TREE CONSERVATION PLAN - REVISED

GARNER PROPERTY

ARCADIS

G. E. FIELDER & ASSOCIATES, CHARTERED
PLANNERS, LANDSCAPE ARCHITECTS, ENVIRONMENTAL
11811 SCAGGSVILLE ROAD #170
FULTON, MARYLAND 20759
Phone: (301) 493-3171
Email: fielder@gefassoc.com

GEF

DESIGNED BY: PROJ. NO. 11-11
DRAWN BY: GEF
CHECKED BY: GEF
FILE NAME: 11-11-11
SCALE: 1"=60'
DATE: January 2013

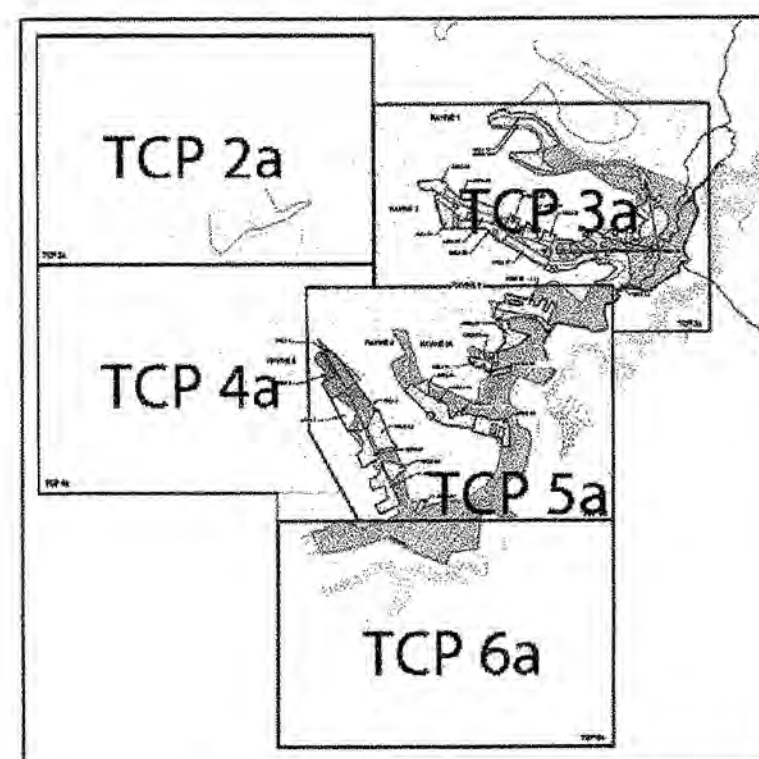
TCP-2a
SHEET 4 OF 12

MATCH LINE TCP 2a

P:\Garner-Tire\CAD\2013-1-11 REVISED TCP FOR SUBMISSION\TWO SHEET 2 - RAVINE 1 AND 2.dwg, 1/21/2013 11:34:15 AM

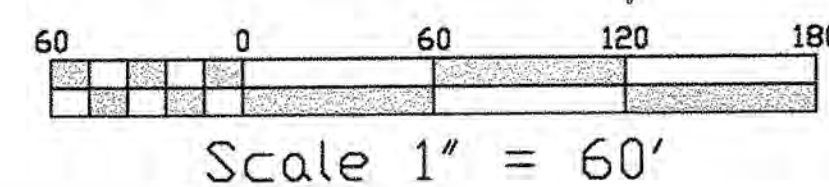
LEGEND

	PROPERTY LINE		CONTOUR		AT&T EASEMENT
	WETLAND BUFFER		STREAM		REFORESTATION AREA
	PMA		WETLAND		TREE PRESERVATION AREA
	STREAM BUFFER		CHECK DAM		
	100-YR FLOODPLAIN		SPECIMEN TREE		
	TREE LINE				



KEY PLAN

MATCH LINE TCP 5a



M.N.C.P.C. APPROVALS Prince George's Planning Department Environmental Planning Section	
APPROVAL TREE CONSERVATION PLAN TCP11/057/08	
APPROVED BY	Date
00 KIM I. FINCH	12/17/08
01 <i>[Signature]</i>	1/30/13
02	
03	
04	
05	



PRINTS MADE

JAN 21 2013
G.E. Fielder & Associates, Chartered

RAVINE 2

AREA 2A

AREA 2C

AREA 2B

AREA 2E

AREA 2D

AREA 2F

AREA 2J

AREA 2G

AREA 2H

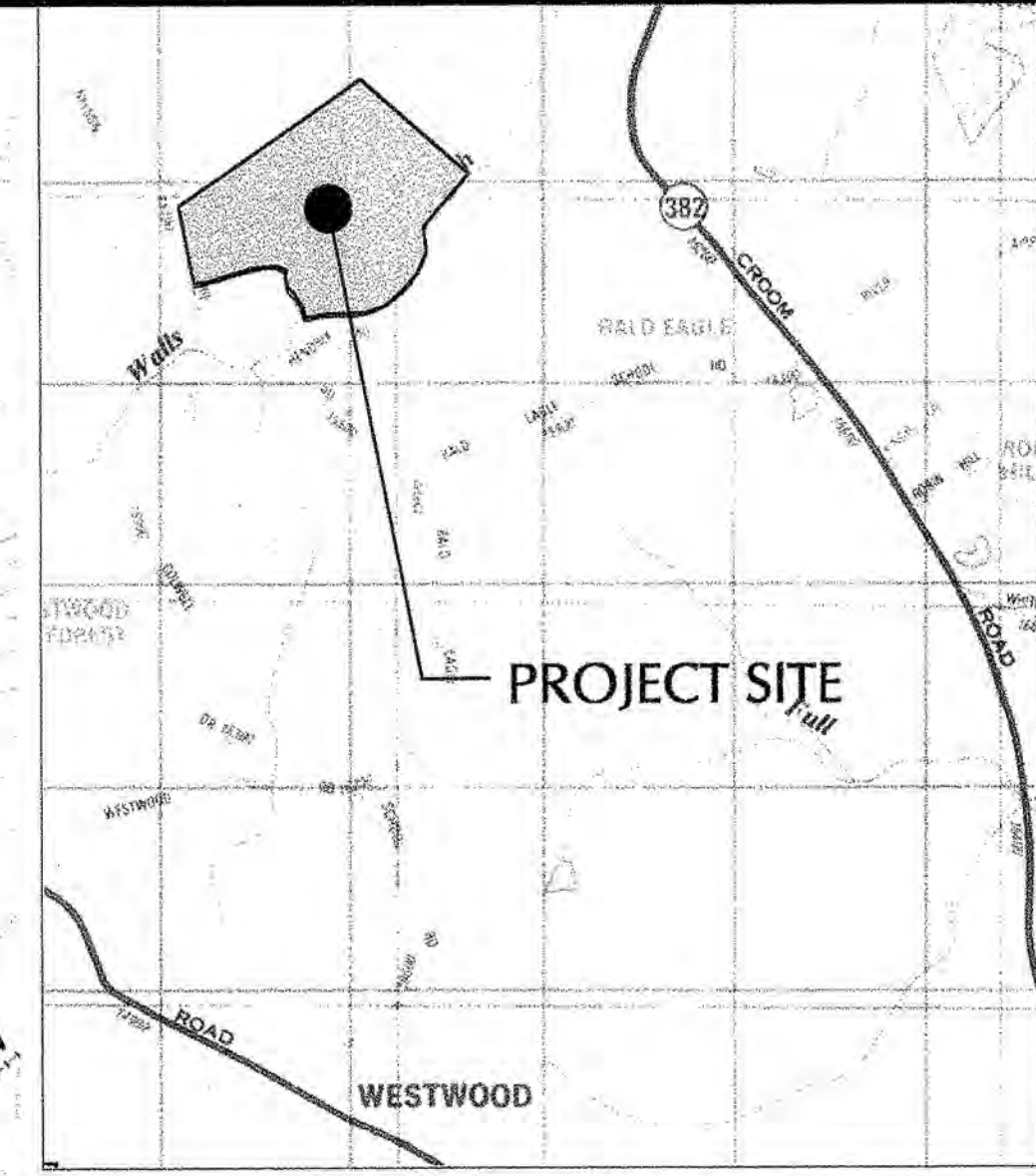
AREA 2I

AREA 1B

RAVINE 1

AREA 1A

VICINITY MAP
Scale 1" = 2000'



TREE CONSERVATION PLAN - REVISED
GARNER PROPERTY
(8th) ELECTION DISTRICT



G. E. FIELDER & ASSOCIATES, CHARTERED
PLANNERS, LANDSCAPE ARCHITECTS, ENVIRONMENTAL
11811 SCAGGSVILLE ROAD #170
FULTON, MARYLAND 20759
Phone: (301) 483-3171 Fax: (301) 483-3615

GEF

DESIGNED BY: PROJ. NO. 11-001
DRAWN BY: GEF
CHECKED BY: GEF
FILE NAME: 11-001
SCALE: 1"=60'

TCP-3c
SHEET 6 OF 6

NELSON PERRIE ROAD
(50' WIDE)
COUNTY RIGHT OF WAY PLAT No. 307

N 81° 55' 00" E

648.37'

N 79° 07' 50" E

571.38'

S 74° 06' 47" W

S 80° 46' 53" W 219.18'

S 74° 06' 47" W

N 65° 24' 30" E
N 62° 24' 30" E

MATCH LINE SHEET 3

R=2000.00' A=57.68° R=2000.00'

1107.29'

AT&T

AT&T

AT&T

AT&T

AT&T

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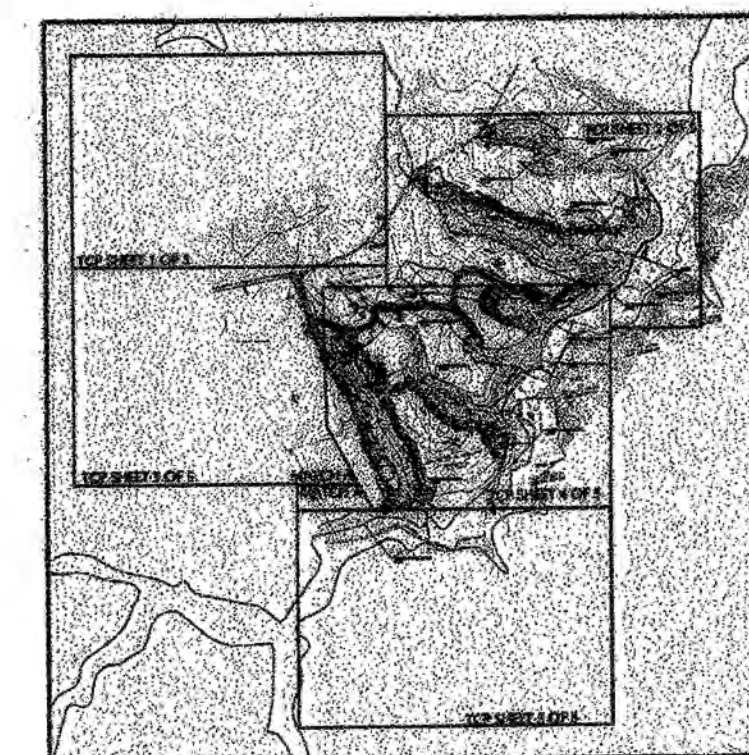
AT&T

PARCEL 3
N/F
WALLACE & LOUISE P. GARNER
LIBER 5708 FOLIO 416, PARCEL TWO
AREA 281,390 SF
6.0000 AC

MATCH LINE SHEET 4

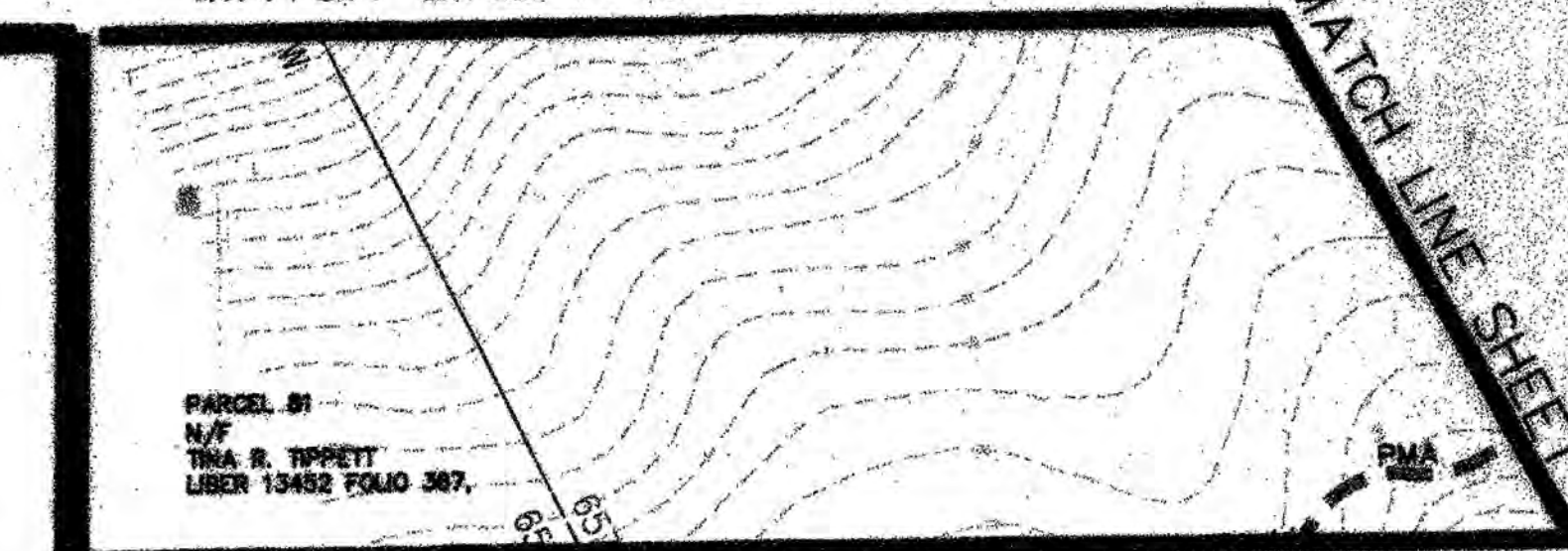
PARCEL 3
N/F
WALLACE & LOUISE P. GARNER
LIBER 5708 FOLIO 416, PARCEL TWO
AREA 281,390 SF
6.0000 AC

MATCH LINE SHEET 4



KEY PLAN

MATCH LINE A THIS SHEET



MATCH LINE SHEET 5

VICINITY MAP
Scale 1" = 2000'

LEGEND

PROPERTY
BOUNDARY

EXIST. 100-YR FLOODPLAIN
100 YEAR
FLOODPLAIN

TREE LINE

SPECIMEN TREE

EXISTING NURSERY

WETLANDS

EXISTING CONTOUR

PROPOSED CONTOUR

TIRE PILE BOUNDARY

WETLAND BUFFER

PMA - PRIMARY MANAGEMENT AREA

SB - STREAM BUFFER

OSF - ORANGE SAFETY FENCE

LOD - LIMIT OF DISTURBANCE

SF - PROPOSED SILT FENCE

PROPOSED CHECK DAM

PROPOSED EQUIPMENT LOADING PAD

PROPOSED RIP RAP FLOW SPREADER

TREE PRESERVATION AREA

REFORESTATION AREA

PROPOSED HAUL ROAD

AT&T EASEMENT

PRINTS MADE

JAN 21 2013

Grace E. Fielder &
Associates, Chartered

STATE OF MARYLAND
GRACE E. FIELDER & ASSOCIATES, CHARTERED
PLANNERS, LANDSCAPE ARCHITECTS, ENVIRONMENTAL
11831 Scaggsville Rd. #770
Fulton, MD 20729

M.N.C.P.C. APPROVALS
Prince George's Planning Department
Environmental Planning Section

APPROVAL
TREE CONSERVATION PLAN

TCPII/057/08

APPROVED BY	DATE
01 [Signature]	12/17/08
02 [Signature]	1/30/13
03	
04	
05	
06	

TCP-4 SHEET 7 of 12

TREE CONSERVATION PLAN
GARNER PROPERTY

ARCADIS
MARYLAND
ENVIRONMENTAL

G. E. FIELDER & ASSOCIATES, CHARTERED
PLANNERS, LANDSCAPE ARCHITECTS, ENVIRONMENTAL
11831 Scaggsville Rd. #770
Fulton, MD 20729

GEF

SCALE 1"=50'

NELSON PERRIE ROAD
(50' WIDE)
COUNTY RIGHT OF WAY PLAT No. 307

N08°55'18"W

648.37'

N79°07'50"E



MATCH LINE TCP 2a

1107.29'

R=2000.00' A=57.60' R=2000.00'

PARCEL 3
N/F
WALLACE & LOUISE P. GARNER
LIBER 5709 FOLIO 416,
PARCEL ONE
AREA 1,213,993 SF
27.8694 AC

PARCEL 3
N/F
WALLACE & LOUISE P. GARNER
LIBER 5709 FOLIO 416, PARCEL TWO
AREA 281,359 SF
6.0000 AC

S74°06'47"W

S80°46'53"W 219.18'

571.38'

S74°06'47"W

PARCEL 81
N/F
TINA R. TIPPETT
LIBER 13452 FOLIO 367,
N02°24'30"W

MATCH LINE TCP 5a

MATCH LINE A THIS SHEET

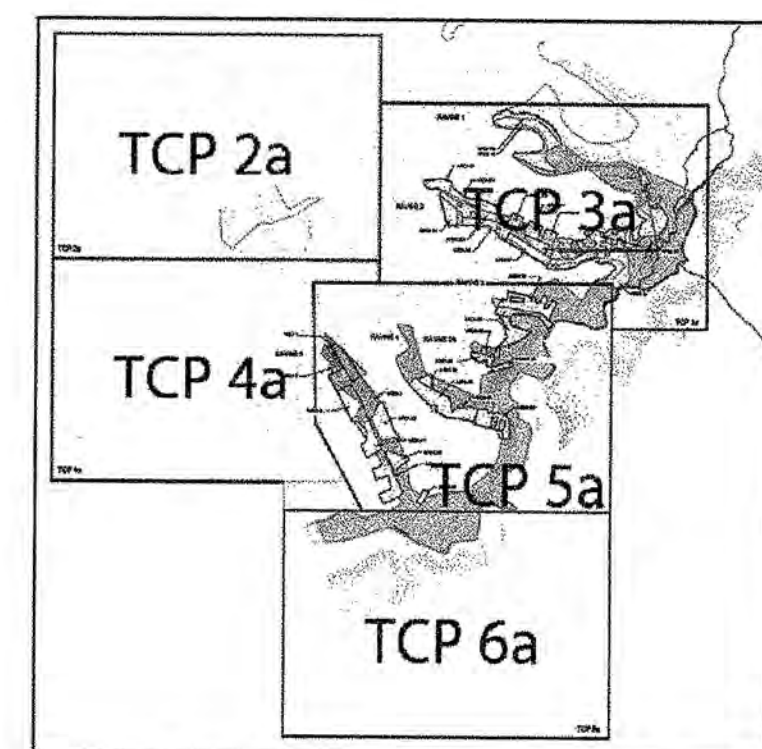
MATCH LINE TCP 6a

MATCH LINE TCP 5a

LEGEND

- PROPERTY LINE
- VB --- WETLAND BUFFER
- PMA ---
- SB --- STREAM BUFFER
- EXIST. 100-YR FLOODPLAIN --- 100-YEAR FLOODPLAIN
- TREE LINE ---
- CONTOUR ---
- STREAM ---
- WETLAND ---
- CHECK DAM ---
- SPECIMEN TREE ---
- AT&T --- AT&T EASEMENT

VICINITY MAP
Scale 1" = 2000'



KEY PLAN

PRINTS MADE

JAN 2 1 2013
Grace E. Fielder &
Associates, Chartered



M.N.C.P.P.C APPROVALS
Prince George's Planning Department
Environmental Planning Section

APPROVAL
TREE CONSERVATION PLAN

TCPII/057/08

APPROVED BY	Date
00 KIM I. FINCH	12/17/08
01 <i>[Signature]</i>	1/30/13
02	
03	
04	
05	

DATE	NO.	REVISION
10-30-08	01	Per MNCPPC review comments dated August 21, 2008

TREE CONSERVATION PLAN - REVISED
GARNER PROPERTY
(844) ELECTION DISTRICT



G. E. FIELDER & ASSOCIATES, CHARTERED
11831 SCALESVILLE ROAD #170
FULTON, MARYLAND 20759
phone: (301) 483-3171 fax: (301) 483-3615

GEF

DESIGNED BY GEF	PROJ. No.
DRAWN BY VLL	CHECKED BY GEF
FILE NAME	
SCALE	1"=60'

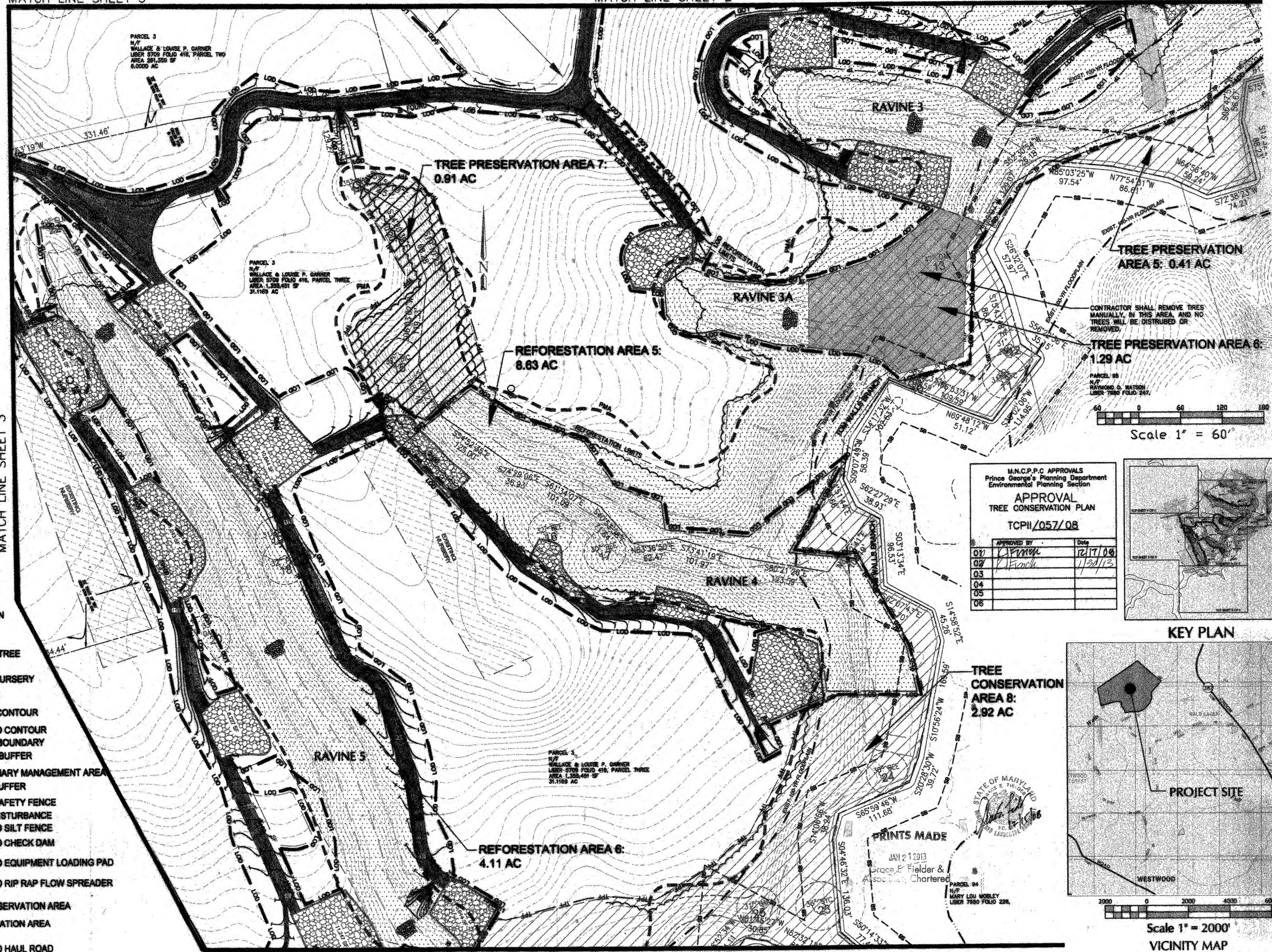
TCP-4c
SHEET 8 OF

MATCH LINE SHEET 3

MATCH LINE SHEET 5

LEGEND

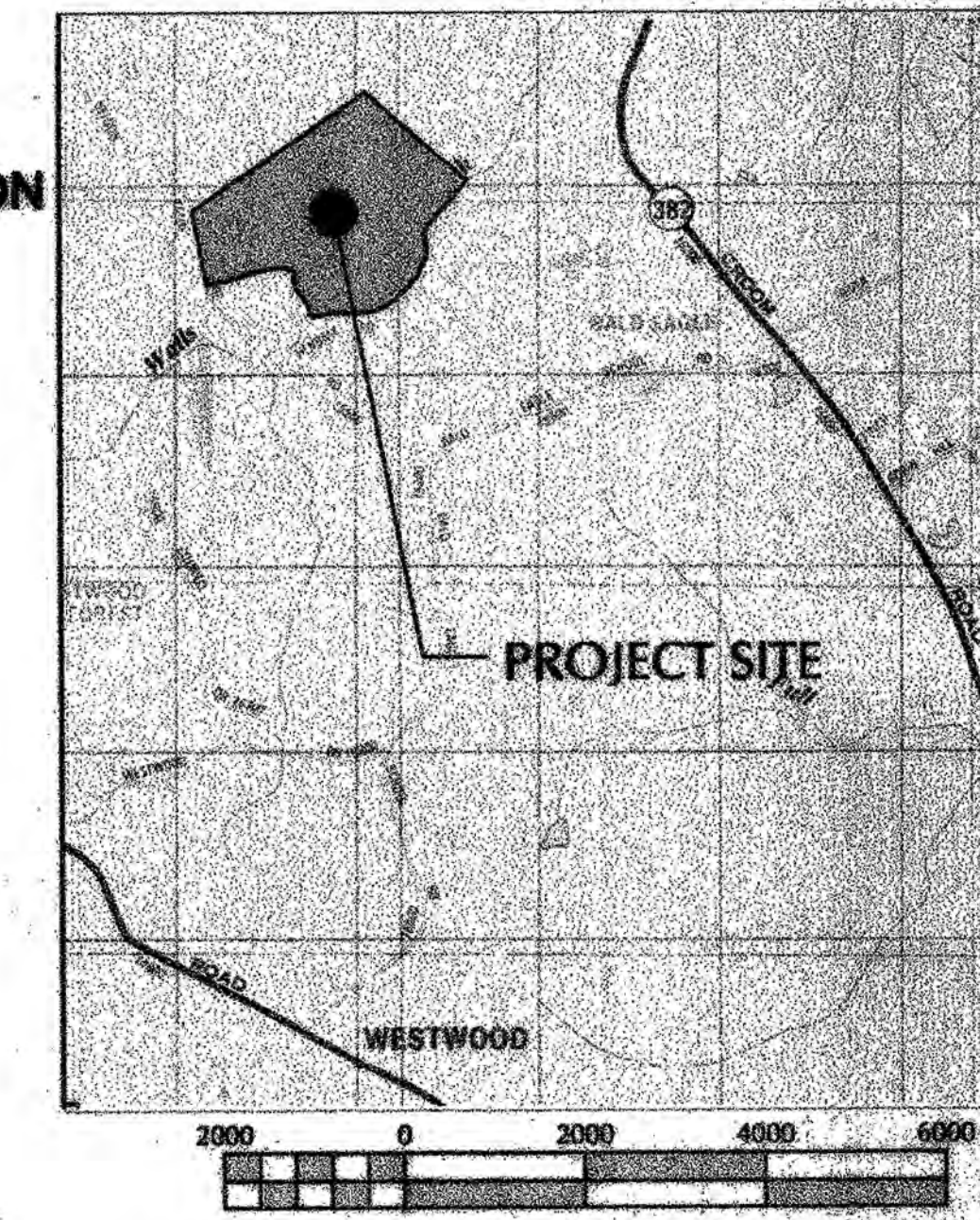
- PROPERTY BOUNDARY
- EXIST. 100-YR FLOODPLAIN
- 100 YEAR FLOODPLAIN
- TREE LINE
- SPECIMEN TREE
- EXISTING NURSERY
- WETLANDS
- EXISTING CONTOUR
- PROPOSED CONTOUR
- TIRE PILE BOUNDARY
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- PMA - PRIMARY MANAGEMENT AREA
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- OSF - ORANGE SAFETY FENCE
- LOD - LIMIT OF DISTURBANCE
- SF - PROPOSED SILT FENCE
- PROPOSED CHECK DAM
- PROPOSED EQUIPMENT LOADING PAD
- PROPOSED RIP RAP FLOW SPREADER
- TREE PRESERVATION AREA
- REFORESTATION AREA
- PROPOSED HAUL ROAD
- AT&T EASEMENT



M.N.C.P.C. APPROVALS
Prince George's Planning Department
Environmental Planning Section

APPROVAL
TREE CONSERVATION PLAN
TCPH/057/08

APPROVED BY	Date
01/ [Signature]	12/17/08
02/ [Signature]	1/30/13
03/ [Signature]	
04/ [Signature]	
05/ [Signature]	
06/ [Signature]	



Scale 1" = 2000'
VICINITY MAP
TCP-5 SHEET 9 of 12