

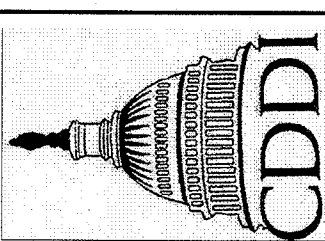
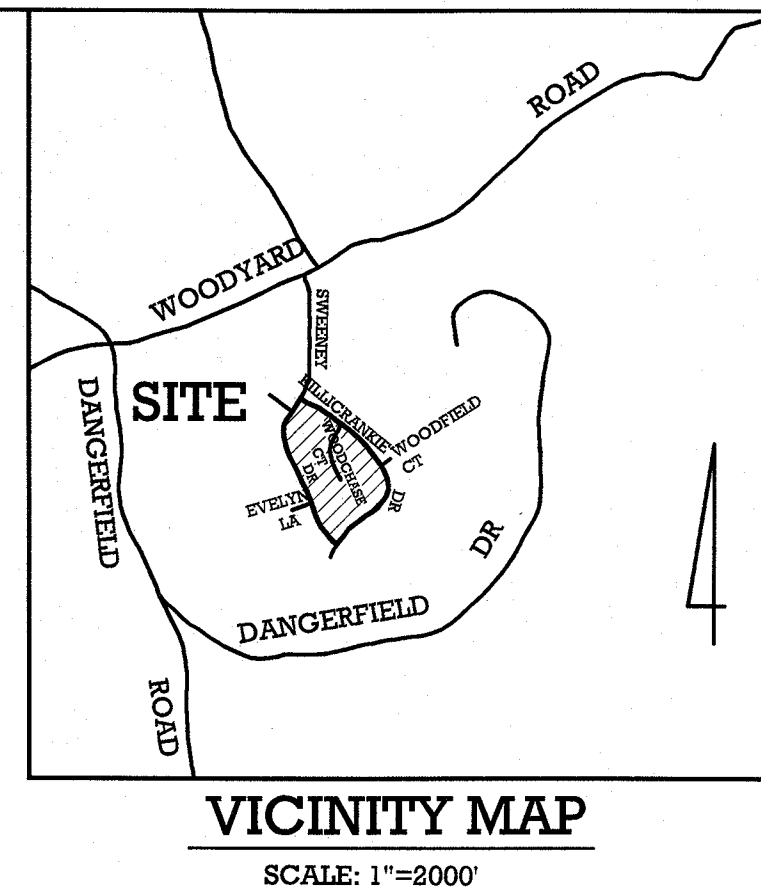
COVER SHEET

TREE CONSERVATION PLAN -II-

FOR

CEDAR CHASE

SURRATTS (9TH) ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND



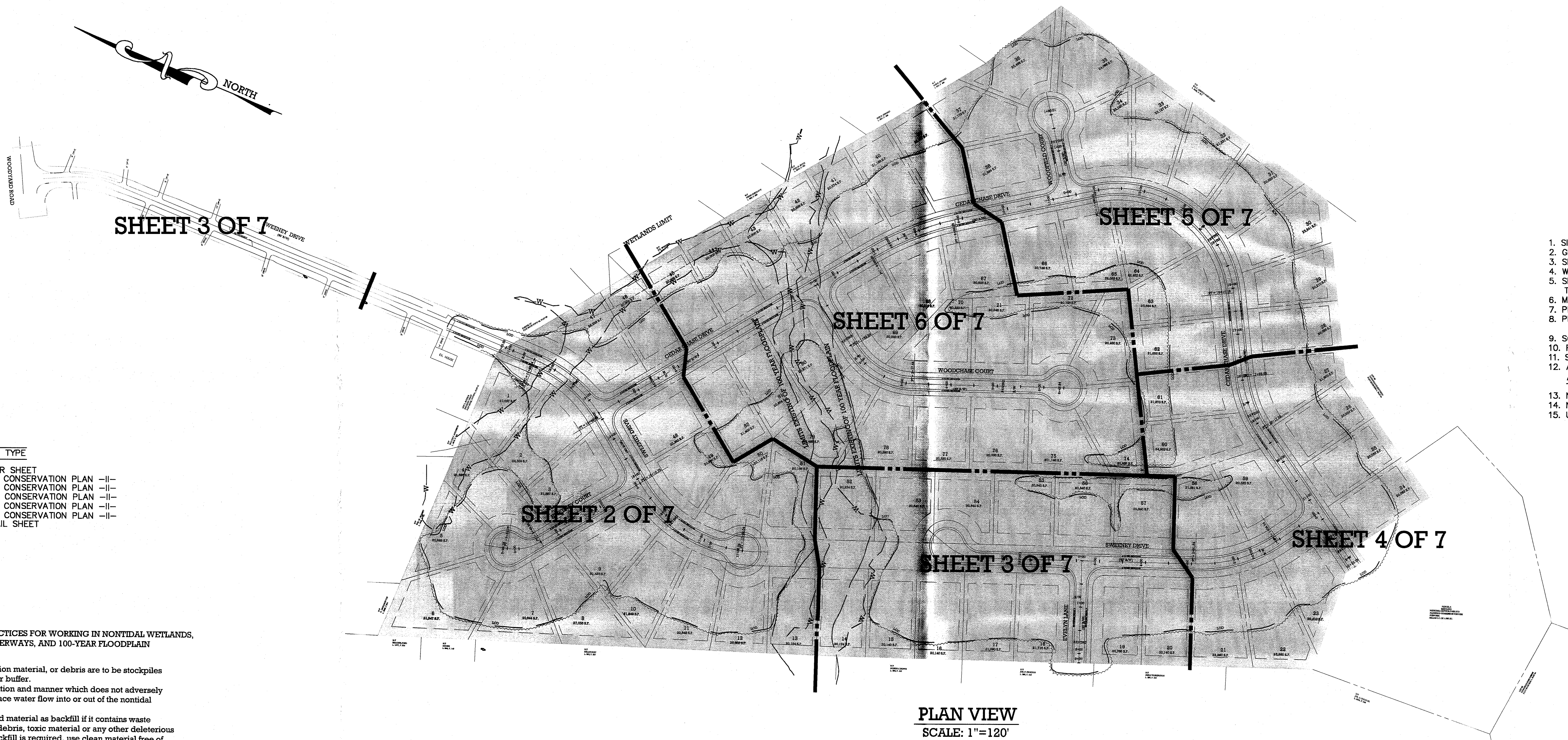
CAPITOL DEVELOPMENT DESIGN, INC.
ENGINEERS - PLANNERS - SURVEYORS
5010 SUNNYSIDE AVENUE - SUITE 200 - BELTSVILLE, MD 20705
OFFICE (301) 982-1781 FAX (301) 982-1781

CEDAR CHASE
P.B.
SURRATTS (9TH) ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

COVER SHEET
TREE CONSERVATION PLAN -II-

REVISIONS
SH. 2, 5, 6 & 7 REV.
FOR 2-15-11 REV.

DATE: FEB. 2011
DWN. HW CHECKED MP
SCALE: AS SHOWN
PROJECT/FILE NO. 09028
SHEET NO. 1 OF 7



SHEET INDEX	
SHEET NO.	PLAN TYPE
1.	COVER SHEET
2.	TREE CONSERVATION PLAN -II-
3.	TREE CONSERVATION PLAN -II-
4.	TREE CONSERVATION PLAN -II-
5.	TREE CONSERVATION PLAN -II-
6.	TREE CONSERVATION PLAN -II-
7.	DETAIL SHEET

BEST MANAGEMENT PRACTICES FOR WORKING IN NONTIDAL WETLANDS, WETLAND BUFFERS, WATERWAYS, AND 100-YEAR FLOODPLAIN

- 1) No excess fill, construction material, or debris are to be stockpiled or stored in the wetlands or buffer.
- 2) Place materials in a location and manner which does not adversely impact surface or sub-surface water flow into or out of the nontidal wetland.
- 3) Do not use the excavated material as backfill if it contains waste metal products, unsightly debris, toxic material or any other deleterious substance. If additional backfill is required, use clean material free of waste metal products, unsightly debris, toxic material or any other deleterious substance.
- 4) Place heavy equipment on mats or suitably operate the equipment to prevent damage to the nontidal wetlands or buffer.
- 5) Repair and maintain any serviceable structure or fill so there is no permanent loss of nontidal wetlands in excess of nontidal wetlands lost under the original structure or fill.
- 6) Rectify any nontidal wetlands temporarily impacted by any construction.
- 7) All stabilization in the wetland and buffer shall be of the following recommended species: Annual Ryegrass (*Lolium multiflorum*), Millet (*Setaria italica*), Barley (*Hordeum sp.*), Oats (*Avena sp.*), and/or Rye (*Secale cereale*). These species will allow for the stabilization of the site while also allowing for the voluntary revegetation may be acceptable, but must be approved by the Division. Kentucky 31 fescue shall not be utilized in the wetland or buffer areas. The area should be seeded and mulched to reduce erosion after construction activities have been completed.
- 8) After installation has been completed, make post construction grades and elevations of nontidal wetlands the same as the original grades and elevations in temporarily impacted areas.
- 9) To protect important aquatic species, in-stream work is prohibited as determined by the classification of the stream as follows: Class I waters-in stream work may not be conducted during the period of March 1 through June 15, inclusive, during any year.
- 10) Stormwater runoff from impervious surfaces shall be controlled to prevent the washing of debris into the waterway.
- 11) Culvert(s) shall be constructed and any riprap placed so as not to obstruct the movement of aquatic species, unless the purpose of the activity is to impound water.

SPECIMEN TREE LIST AT CEDAR CHASE					
Number	Common Name	Species Name	DBH (inches)	Condition	Addl. Comments
1	yellow-poplar	<i>Liriodendron tulipifera</i>	32	Fair	To be saved
2	southern red oak	<i>Quercus falcata</i>	32	Fair	To be removed
3	southern red oak	<i>Quercus falcata</i>	39	Fair	To be removed
4	southern red oak	<i>Quercus falcata</i>	40	Fair	To be removed

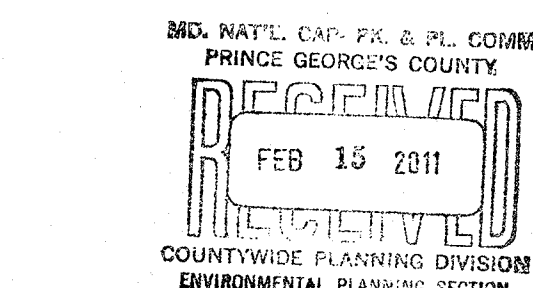
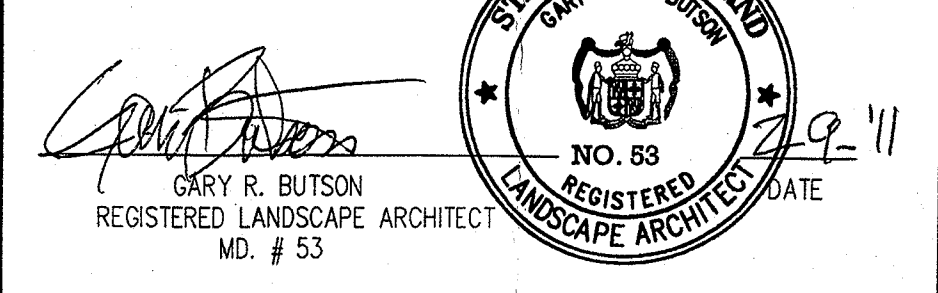
SOIL ANALYSIS				
SYMBOL	SOIL	SLOPE	ERODIBILITY	HYDROLOGIC CLASS/ K-FACTOR
Ba*	BELTSVILLE FINE SANDY LOAM	0% TO 2%	MODERATE	.43K
B1A*	BELTSVILLE SILT LOAM	2% TO 5%	MODERATE	.43K
B1B2*	BELTSVILLE SILT LOAM	2% TO 5%	MODERATE	.43K
Mub2*	MATTPEX SILT LOAM	2% TO 5%	MODERATE	---
SB2	SASSAFRAS GRAVELLY LOAM	5% TO 10%	MODERATE	---
SgC2	SASSAFRAS GRAVELLY SANDY LOAM	5% TO 10%	MODERATE	---
SgD3	SASSAFRAS GRAVELLY SANDY LOAM	5% TO 10%	SEVERE	---

*May contain hydric inclusions.
Source: USDA-SCS, 1967 Soil Survey of Prince George's County, Maryland

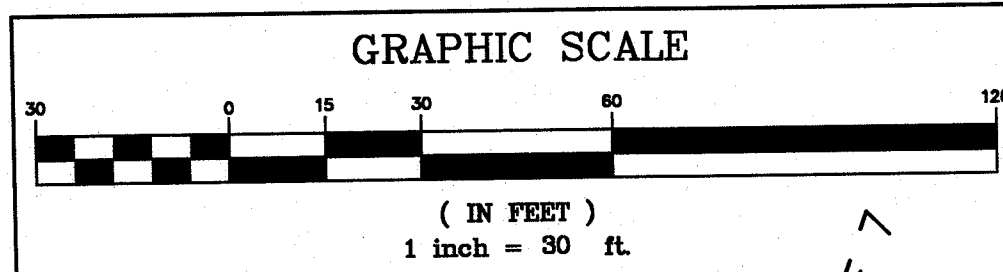
- GENERAL NOTES
1. SITE ZONED : R-R
 2. GROSS AREA OF SITE : 47.63 AC.
 3. SITE FOUND ON TAX MAP, GRID : 117 GRID B1
 4. WATER & SEWER SERVICE PROPOSED : PUBLIC
 5. SERVICE AREA DESIGNATIONS IN THE TEN YEAR WATER & SEWERAGE PLAN : 3 W, 3 S
 6. METHOD OF STORM WATER DISPOSAL : ON SITE FACILITY
 7. PROPOSED USE OF PROPERTY : SINGLE FAMILY HOME
 8. PROPOSED PUBLIC ROAD : 50' & 60' FT. R/W
 9. SOURCE OF TOPOGRAPHY : 30' PVM (OPEN SECTION ROAD)
 10. RECORD PLAT No. : MAISTE & WATTS, INC.
 11. STORMWATER CONCEPT APPROVAL : 2.58 AC.
 12. AREA OF 100 YEAR FLOOD PLAIN WITHIN THE LOTS : 0.29 AC.
 13. AREA OF 100 YEAR FLOOD PLAIN WITHIN THE R/W : 2.87 AC.
 14. TOTAL OF 100 YEAR FLOOD PLAIN AREA : 82
 15. NUMBER OF RECORDED SINGLE FAMILY LOTS : 70
 16. NUMBER OF BUILDABLE LOTS : 1,13,14,42,43,52,53,54,77, 78,79, AND 80

OWNER/DEVELOPER:
AK CEDAR CHASE LLC
9001 EDMONSTON RD.
GREENBELT, MD 20770
T.P.NO. OFFICE (301) 572-2575
FAX NO.

TCPI CERTIFIED BY:



M.C.P.P.C. Prince George's County Planning Department Environmental Planning Section	
APPROVAL TREE CONSERVATION PLAN	
TCP II/ 25 / 04	04/30/04
Approved by:	J.S.
01	2-15-11
02	
03	
04	
05	
06	



MATCH LINE SEE SHEET 3 OF 7

LEGEND:

- WOODLAND CLEARED
- AFFORESTATION/REF. AREA
- WOODLAND PRESERVED
- LOD
- PROPERTY LINE
- MATCH LINE
- EXISTING WATERS OF THE USA
- EXISTING WETLAND
- 25' WETLAND BUFFER
- EXISTING FLOOD PLAIN
- 50' FLOOD PLAIN BUFFER
- 50' STREAM BUFFER
- EXISTING STREAM
- 10' P.U.E.
- WOODLAND PRESERVATION FENCE
- REFORESTATION/AFFO. PERMANENT FENCE
- PROPOSED AFFORESTATION/REF. SIGN
- WOODLAND PRESERVATION SIGN
- SPECIMEN TREE

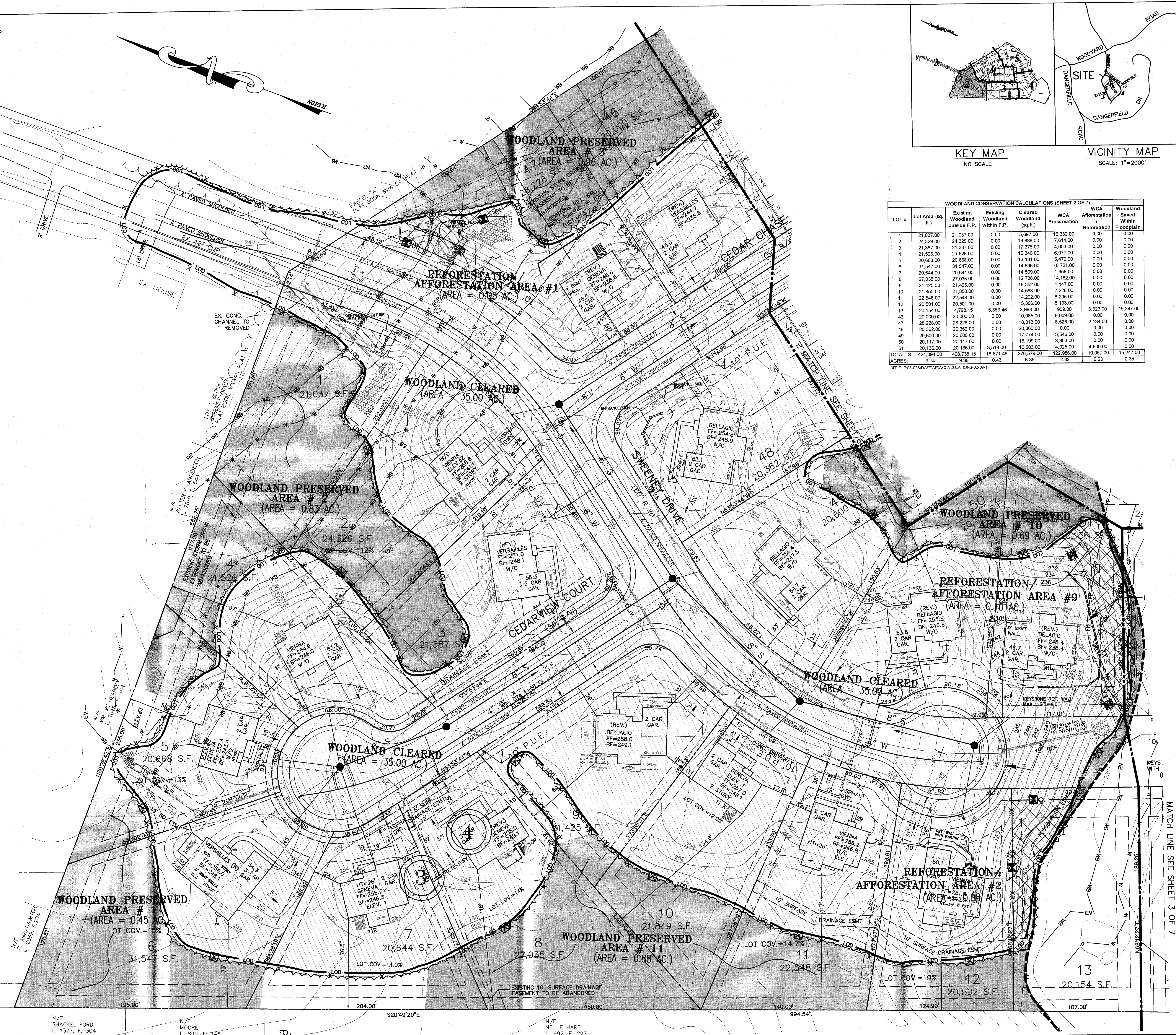
M.N.C.P.P.C.
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP II/ 25 / 04
Approved by

J.S.	04/30/04
01	2-15-11
02	
03	
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OWNER/DEVELOPER:
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9001 EDMONSTON RD.
GREENBELT, MD 20770
T.P.NO. OFFICE (301) 572-2575
FAX NO.

UPDATES/REVISIONS:

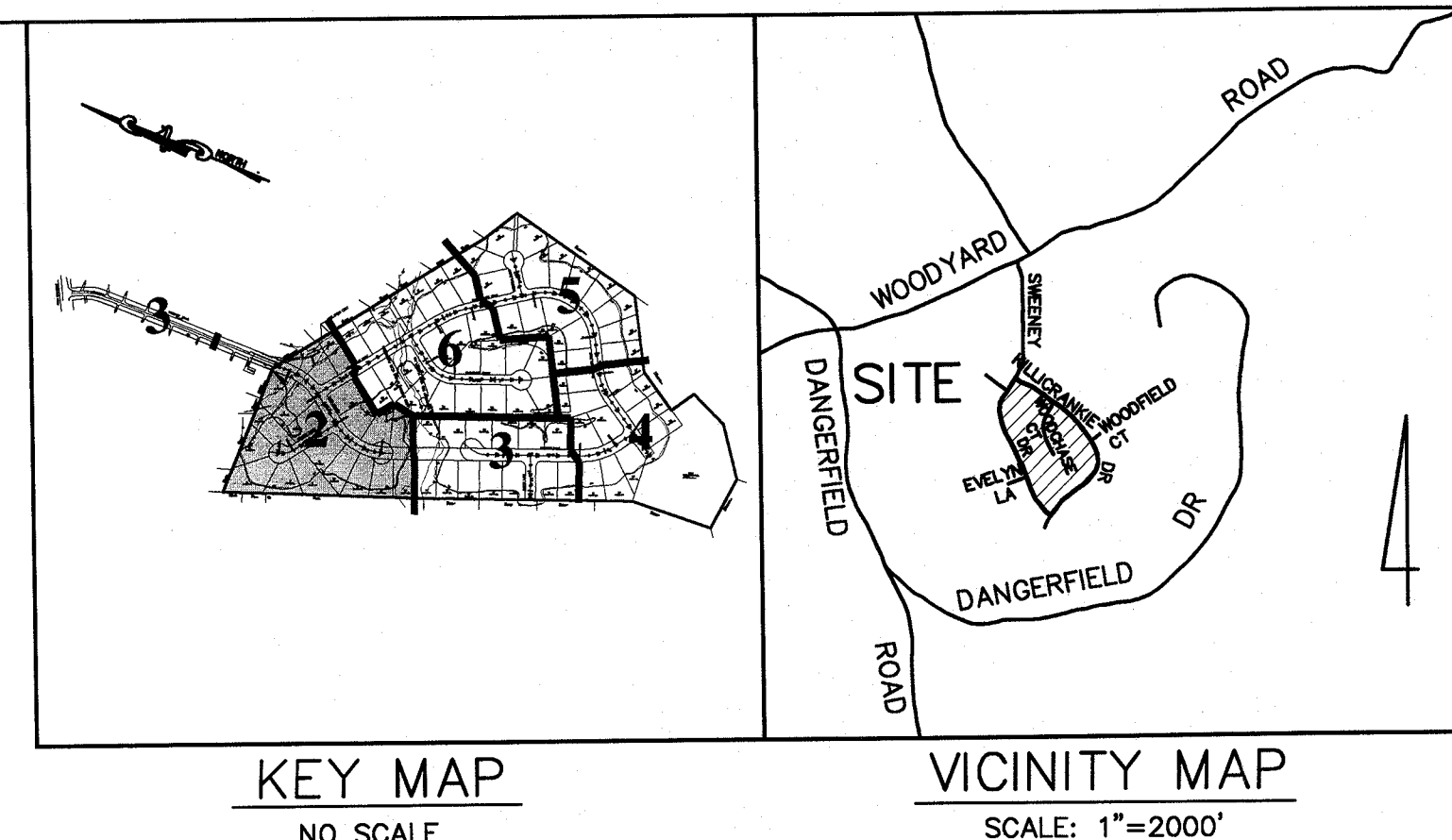
1.	04/14/04	ADDED REF/AFFORESTATION AREAS 1 AND 2 MP
2.	04/04/14	REVISE LEGEND MP
3.	04/14/04	REVISE WOODLAND CONSERVATION CAL. SHEET MP
4.	02/09/11	REVISE PRESERVATION/REF. AREAS MP
5.		
6.		
7.		

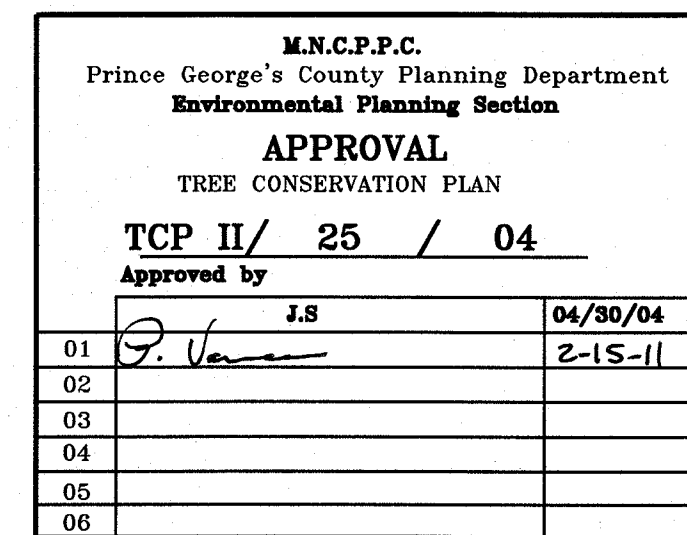
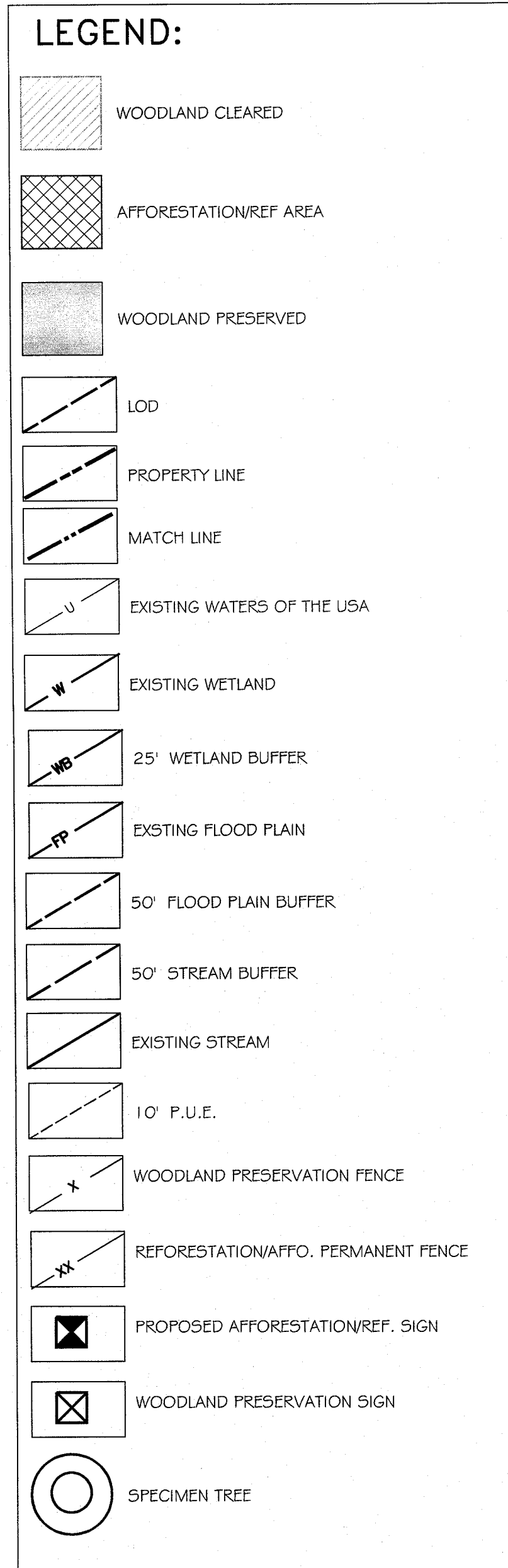
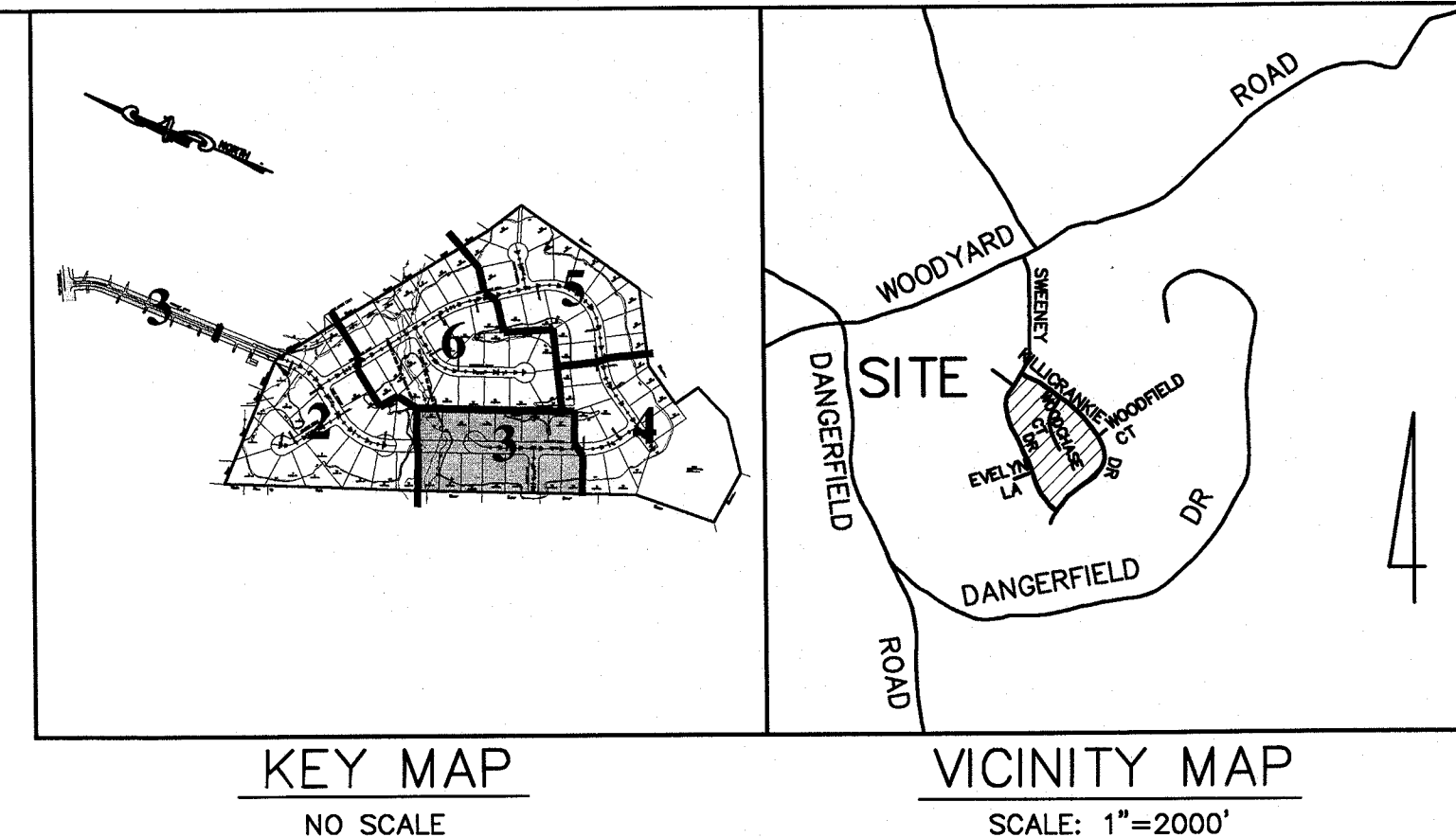
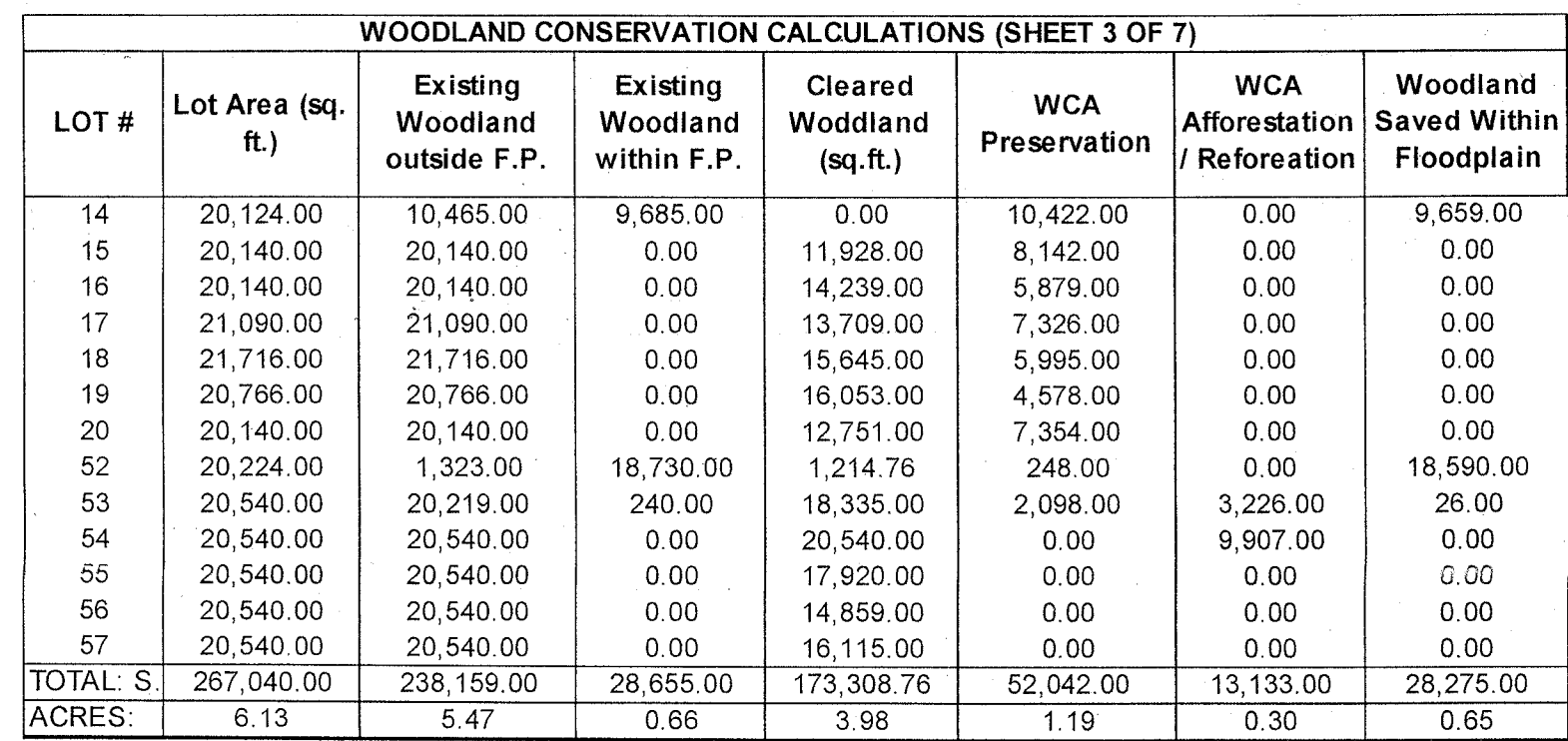


WOODLAND CONSERVATION CALCULATIONS (SHEET 2 OF 7)

LOT #	Lot Area (sq. ft.)	Existing Woodland outside F.P.	Existing Woodland within F.P.	Cleared Woodland (sq. ft.)	WCA Preservation	WCA Afforestation Reforestation	Woodland Saved Within Floodplain
1	21,037.00	21,037.00	0.00	5,697.00	15,332.00	0.00	0.00
2	24,329.00	24,329.00	0.00	16,688.00	7,641.00	0.00	0.00
3	21,387.00	21,387.00	0.00	17,375.00	4,000.00	0.00	0.00
4	21,526.00	21,526.00	0.00	15,340.00	6,077.00	0.00	0.00
5	20,668.00	20,668.00	0.00	13,131.00	5,470.00	0.00	0.00
6	31,547.00	31,547.00	0.00	14,696.00	16,721.00	0.00	0.00
7	20,644.00	20,644.00	0.00	14,509.00	1,956.00	0.00	0.00
8	27,035.00	27,035.00	0.00	12,738.00	14,182.00	0.00	0.00
9	21,425.00	21,425.00	0.00	11,425.00	1,147.00	0.00	0.00
10	21,850.00	21,850.00	0.00	14,563.00	7,228.00	0.00	0.00
11	22,548.00	22,548.00	0.00	14,292.00	8,205.00	0.00	0.00
12	20,501.00	20,501.00	0.00	15,366.00	5,133.00	0.00	0.00
13	20,154.00	4,798.15	15,355.48	3,968.00	3,325.00	15,247.00	15,247.00
46	20,000.00	20,000.00	0.00	10,965.00	9,009.00	0.00	0.00
47	28,228.00	28,228.00	0.00	18,313.00	8,528.00	2,134.00	0.00
48	20,362.00	20,362.00	0.00	20,360.00	0.00	0.00	0.00
49	20,600.00	20,600.00	0.00	17,774.00	3,546.00	0.00	0.00
50	20,117.00	0.00	16,199.00	3,903.00	0.00	0.00	0.00
51	20,136.00	0.00	3,518.00	16,203.00	4,025.00	4,600.00	0.00
TOTAL S	424,094.00	408,738.15	18,871.46	276,576.00	122,986.00	10,067.00	15,247.00
ACRES:	9.74	9.38	0.43	6.35	2.82	0.23	0.35

REF FILE: 03-026103\WCA\WCA CALCULATIONS-02-09-11





CAPITOL DEVELOPMENT DESIGN, INC.
ENGINEERS — PLANNERS — SURVEYOR'S

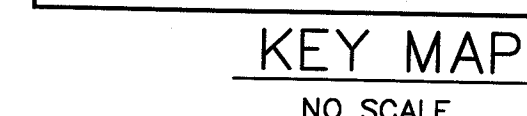
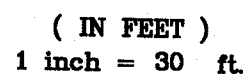
5010 SUNNYSIDE AVENUE — SUITE 200 — BELTSVILLE, MD 20705
OFFICE (301) 982-1781 FAX (301) 982-1994

CEDAR CHASE
P.B. P.NO.
SURREATTS (9th) ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

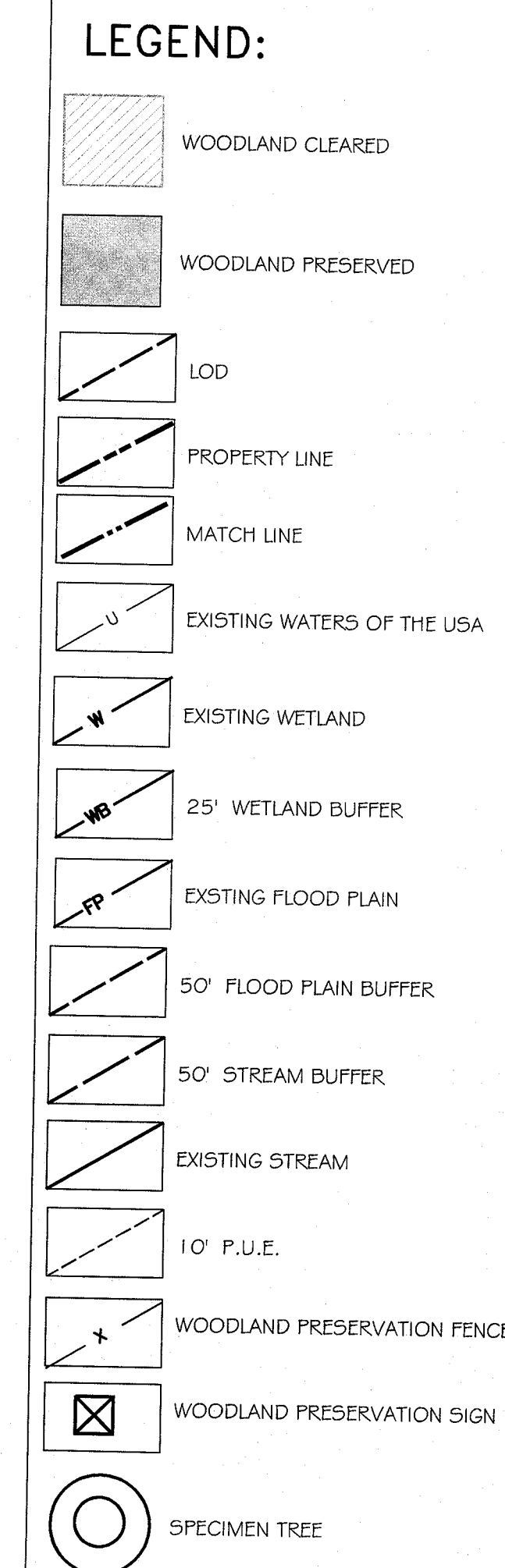
TREE CONSERVATION PLAN -II-

REVISIONS

DATE: FEB., 2011	
DWN. HW	CHECKE MP
SCALE: 1"=30'	
PROJECT/FILE NO. 03026	
SHEET NO. 3 OF 7	



REF FILE 03-026\DWG\WPI\WCCA CULATIONS-02-06\1



CEDAR CHASE
P.B. P.No.
SURREATTS (9th) ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

REVISIONS

DATE: FEB., 2011	
DWN. HW	CHECKED MP

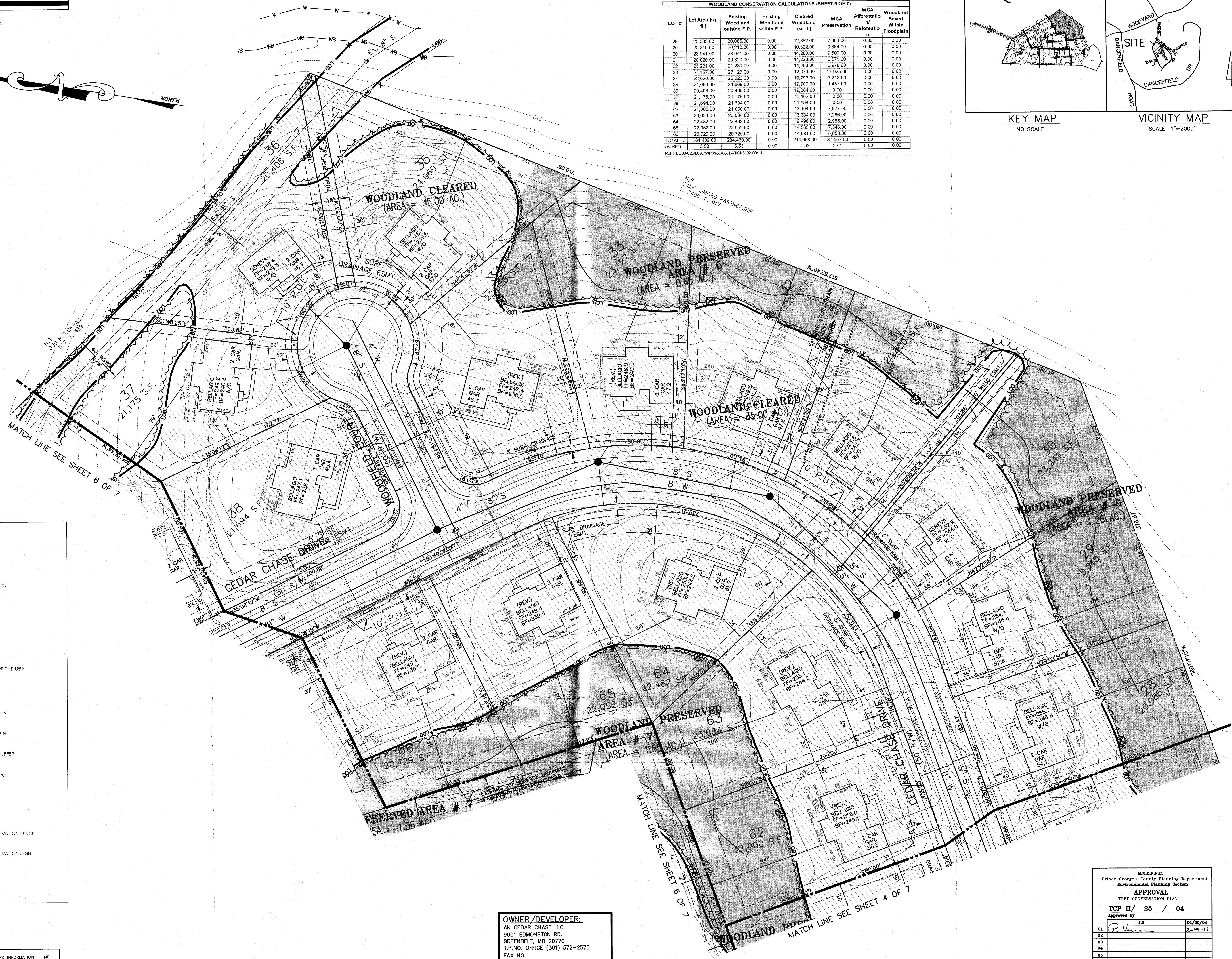
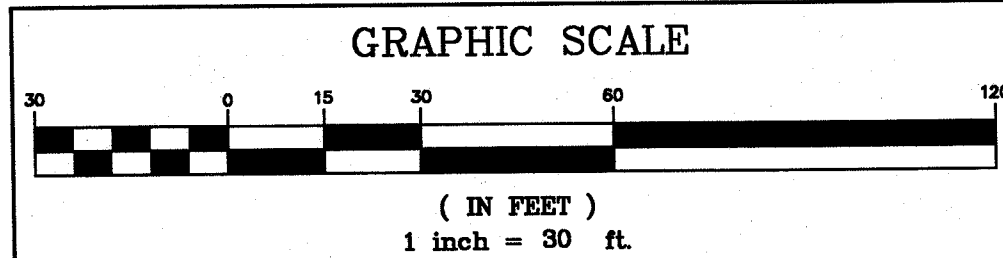
PROJECT/FILE NO.
03026

UPDATES/REVISIONS :
1. 02/09/11 REV. PRESERVATION/REF. AREAS INFORMATION. MP.
2.

OWNER/DEVELOPER:
AK CEDAR CHASE LLC.

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

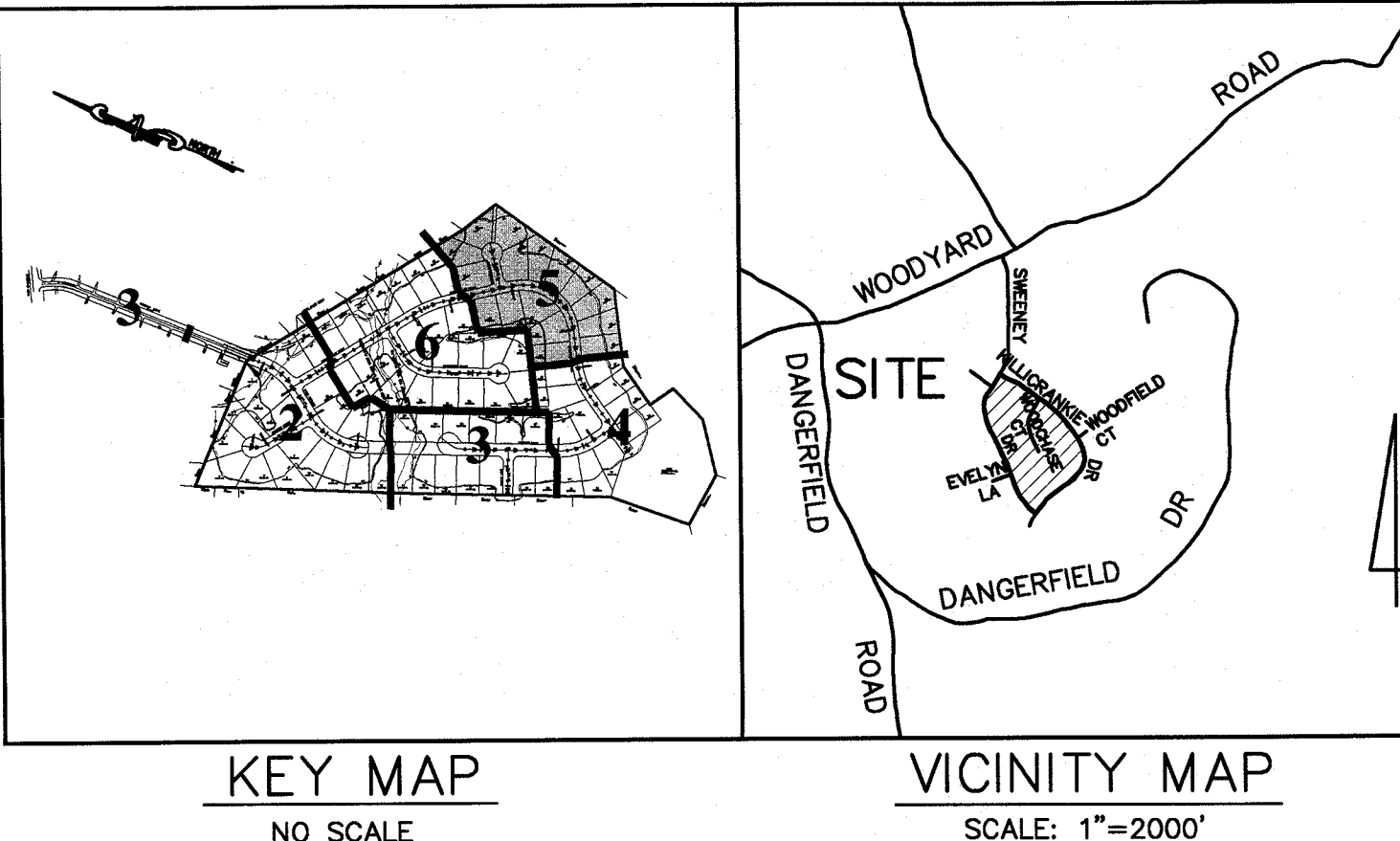
APPROVAL
TREE CONSERVATION PLAN



WOODLAND CONSERVATION CALCULATIONS (SHEET 5 OF 7)

LOT #	Lot Area (sq. ft.)	Existing Woodland outside F.P.	Existing Woodland within F.P.	Cleared Woodland (sq. ft.)	WCA Preservation	WCA Afforestation/Reforestation	Woodland Saved Within Floodplain
28	20,085.00	20,085.00	0.00	12,362.00	7,693.00	0.00	0.00
29	20,210.00	20,210.00	0.00	10,322.00	9,884.00	0.00	0.00
30	23,941.00	23,941.00	0.00	14,283.00	9,658.00	0.00	0.00
31	20,820.00	20,820.00	0.00	14,223.00	6,597.00	0.00	0.00
32	21,231.00	21,231.00	0.00	14,203.00	6,978.00	0.00	0.00
33	23,127.00	23,127.00	0.00	12,079.00	11,025.00	0.00	0.00
34	22,020.00	22,020.00	0.00	10,793.00	3,213.00	0.00	0.00
35	24,069.00	24,069.00	0.00	19,700.00	1,487.00	0.00	0.00
36	20,406.00	20,406.00	0.00	10,384.00	0.00	0.00	0.00
37	21,175.00	21,175.00	0.00	15,102.00	0.00	0.00	0.00
38	21,694.00	21,694.00	0.00	21,694.00	0.00	0.00	0.00
62	21,000.00	21,000.00	0.00	13,104.00	7,877.00	0.00	0.00
63	23,634.00	23,634.00	0.00	16,334.00	7,286.00	0.00	0.00
64	22,482.00	22,482.00	0.00	10,496.00	2,855.00	0.00	0.00
65	22,052.00	22,052.00	0.00	14,565.00	7,346.00	0.00	0.00
66	20,729.00	20,729.00	0.00	14,981.00	5,653.00	0.00	0.00
TOTAL S	284,439.00	284,439.00	0.00	214,658.00	87,557.00	0.00	0.00
ACRES	6.53	6.53	0.00	4.93	2.01	0.00	0.00

REF FILE: 020911 WCA CALCULATIONS-02-09-11



LEGEND:

- WOODLAND CLEARED
- WOODLAND PRESERVED
- LOD
- PROPERTY LINE
- MATCH LINE
- EXISTING WATERS OF THE USA
- EXISTING WETLAND
- 25' WETLAND BUFFER
- EXISTING FLOOD PLAIN
- 50' FLOOD PLAIN BUFFER
- 50' STREAM BUFFER
- EXISTING STREAM
- 10' P.U.E.
- WOODLAND PRESERVATION FENCE
- WOODLAND PRESERVATION SIGN
- SPECIMEN TREE

UPDATES/REVISIONS

NO.	DATE	DESCRIPTION	BY
1	02/09/11	REV. PRESERVATION/REF. AREAS INFORMATION.	MP
2			
3			
4			
5			
6			
7			

OWNER/DEVELOPER:

AK CEDAR CHASE LLC.

9001 EDMONSTON RD.

GREENBELT, MD 20770

T.P.NO. OFFICE (301) 572-2575

FAX NO.

M.N.C.P.P.C.

Prince George's County Planning Department

Environmental Planning Section

APPROVAL

TREE CONSERVATION PLAN

TCP II/ 25 / 04

Approved by

J.S.

04/30/04

2-15-11

REVISIONS

DATE: FEB., 2011

DWN. HW

CHECKED MP

SCALE: 1"=30'

PROJECT/FILE NO. 03026

SHEET NO. 5 OF 7

CEDAR CHASE

P.B.

P.N.O.

SURRATTS (9th) ELECTION DISTRICT

PRINCE GEORGE'S COUNTY, MARYLAND

TREE CONSERVATION PLAN -II-

CAPITOL DEVELOPMENT DESIGN, INC.

ENGINEERS - PLANNERS

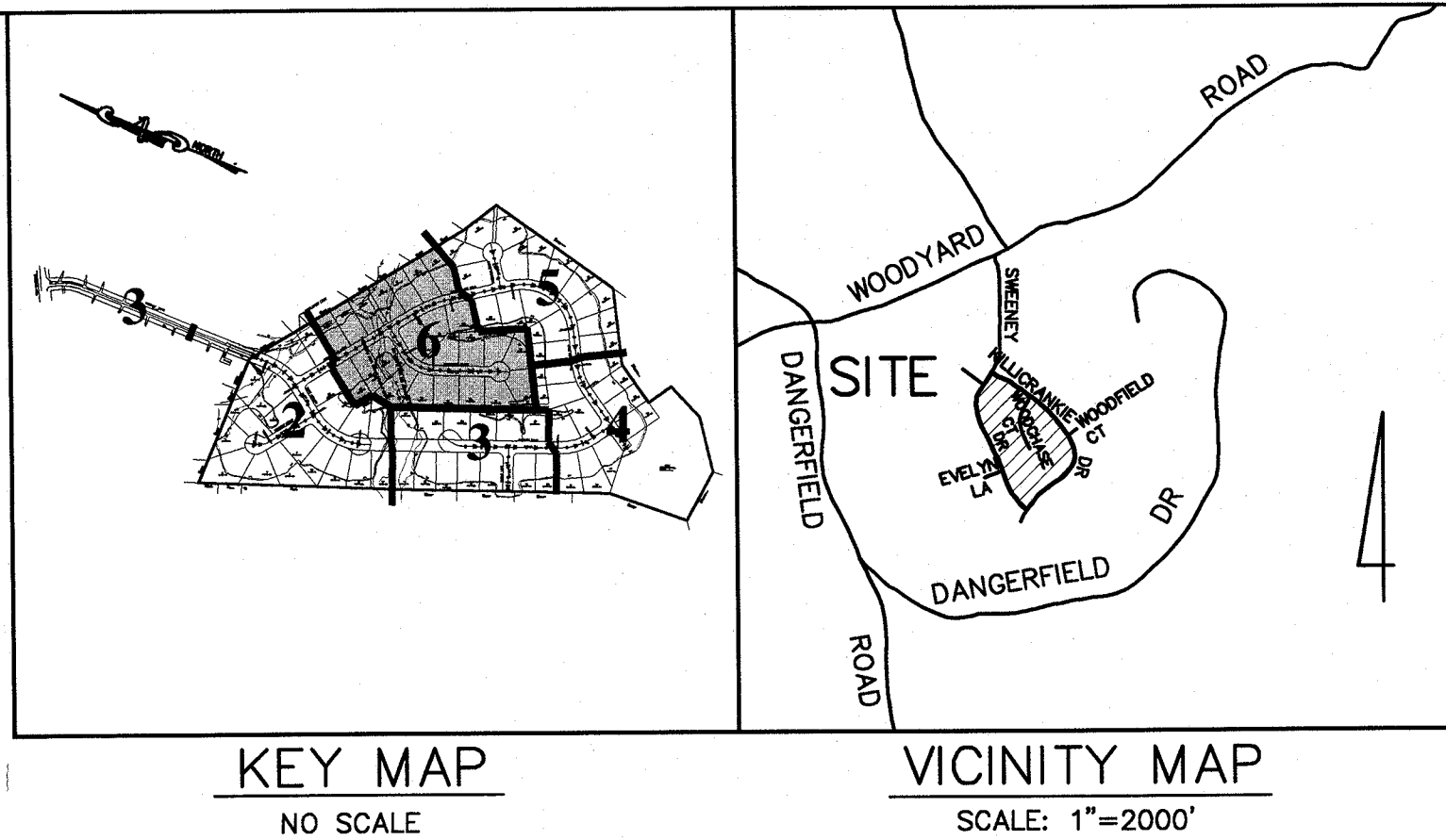
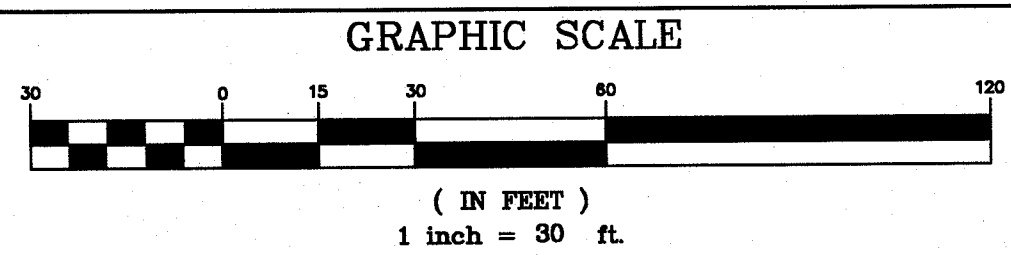
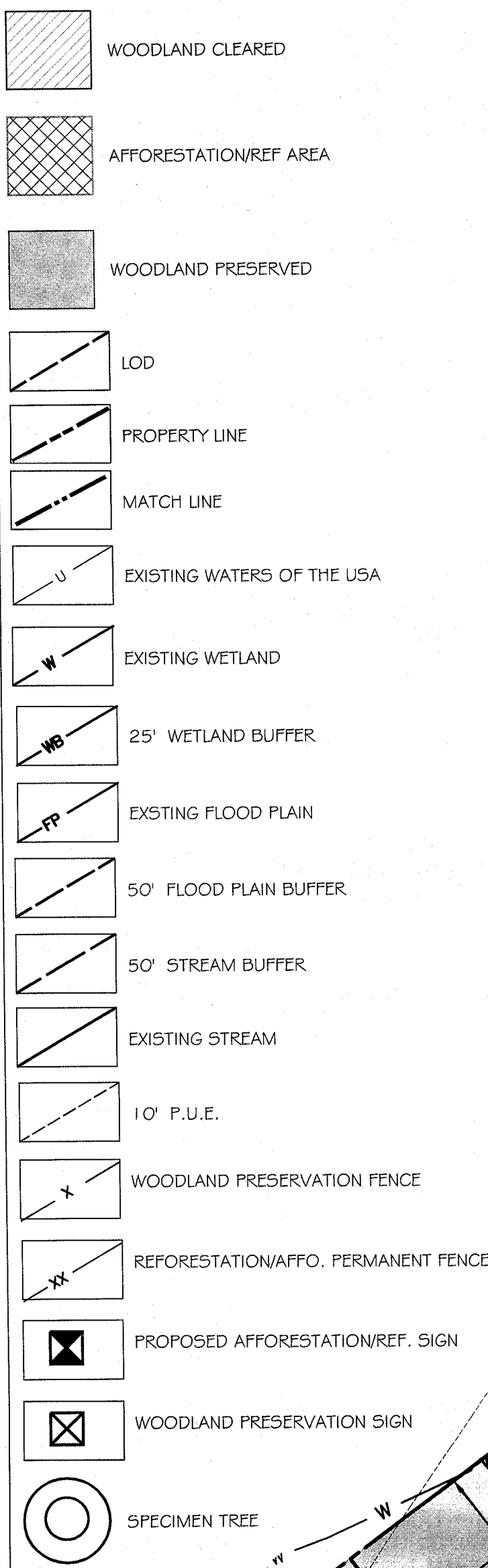
SURVEYOR'S

5010 SUNNYSIDE AVENUE - SUITE 200 - BELTSVILLE, MD 20705

OFFICE (301) 982-1785

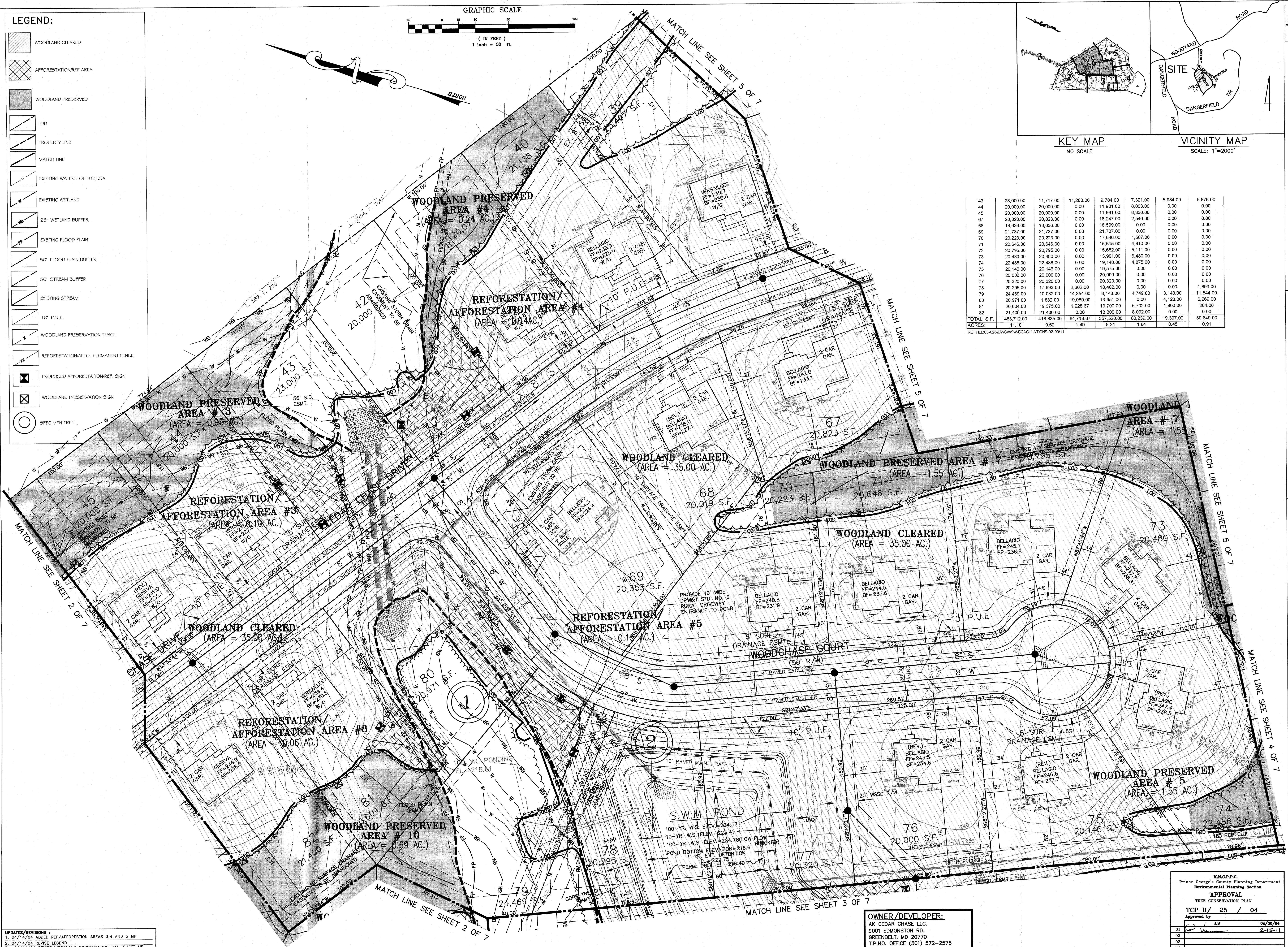
FAX (301) 982-1894

LEGEND:



43	23,000.00	11,717.00	11,283.00	9,784.00	7,321.00	5,984.00	5,876.00
44	20,000.00	20,000.00	0.00	11,901.00	8,063.00	0.00	0.00
45	20,000.00	20,000.00	0.00	11,661.00	8,339.00	0.00	0.00
67	20,823.00	20,823.00	0.00	18,247.00	2,546.00	0.00	0.00
68	18,636.00	18,636.00	0.00	18,599.00	0.00	0.00	0.00
69	21,737.00	21,737.00	0.00	21,737.00	0.00	0.00	0.00
70	20,223.00	20,223.00	0.00	17,646.00	1,587.00	0.00	0.00
71	20,946.00	20,946.00	0.00	15,915.00	4,910.00	0.00	0.00
72	20,795.00	20,795.00	0.00	15,652.00	5,111.00	0.00	0.00
73	20,480.00	20,480.00	0.00	13,991.00	6,480.00	0.00	0.00
74	22,488.00	22,488.00	0.00	19,148.00	4,875.00	0.00	0.00
75	20,146.00	20,146.00	0.00	19,575.00	0.00	0.00	0.00
76	20,000.00	20,000.00	0.00	20,000.00	0.00	0.00	0.00
77	20,320.00	20,320.00	0.00	20,320.00	0.00	0.00	0.00
78	20,295.00	17,693.00	2,602.00	18,402.00	0.00	0.00	1,893.00
79	24,469.00	10,082.00	14,354.00	8,143.00	4,749.00	3,140.00	11,544.00
80	20,971.00	1,882.00	19,089.00	13,951.00	0.00	4,128.00	6,269.00
81	20,604.00	19,375.00	1,228.67	13,790.00	5,702.00	1,800.00	284.00
82	21,400.00	21,400.00	0.00	13,300.00	8,092.00	0.00	0.00
TOTAL S.F.	483,712.00	418,835.00	64,718.67	357,523.00	80,239.00	19,397.00	38,649.00
ACRES	11.10	9.62	1.49	8.21	1.84	0.45	0.91

REF FILE 03-020906WPMCCALCULATIONS-02-0911



UPDATES/REVISIONS:

- 04/14/04 ADDED REF/AFFORESTATION AREAS 3, 4 AND 5 MP
- 04/14/04 REVISE LEGEND
- 04/14/04 REVISE WOODLAND CONSERVATION CAL. SHEET MP
- 02/09/11 REV. PRESERVATION/REF. AREAS, MP

OWNER/DEVELOPER:
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GREENBELT, MD 20770
T.P.NO. OFFICE (301) 572-2575
FAX NO.

M.C.F.P.C.
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TOP II / 25 / 04
Approved by: [Signature] 2/8 04/30/04
01 [Signature] 2-15-11
02
03
04
05
06

REVISIONS

DATE:	FEB. 2011
DWN.	HW
CHECKED	MP
SCALE:	1"=30'
PROJECT/FILE NO.	03026
SHEET NO.	6 OF 7

TREE CONSERVATION PLAN - II -

CEDAR CHASE
P.B.
SURREATTS (9H) ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

CAPITOL DEVELOPMENT DESIGN, INC.
ENGINEERS - PLANNERS - SURVEYOR'S
5010 SUNNYSIDE AVENUE - SUITE 200 - BELTSVILLE, MD 20705
OFFICE (301) 952-1791 FAX (301) 952-1994

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #1)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	6	2
Liriodendron tulipifera	Tulip Poplar	6	2
Quercus rubrum	Red Oak	6	2
Fraxinus pennsylvanica	Green Ash	6	2
Cornus florida	Dogwood	6	2
TOTAL		30	10
AFFORESTATION CREDIT AREAS		0.03	0.02

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #2)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	10	3
Liriodendron tulipifera	Tulip Poplar	10	3
Quercus rubrum	Red Oak	10	3
Fraxinus pennsylvanica	Green Ash	10	3
Cornus florida	Dogwood	10	3
TOTAL		50	15
AFFORESTATION CREDIT AREAS		0.05	0.03

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #3)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	12	4
Liriodendron tulipifera	Tulip Poplar	12	4
Quercus rubrum	Red Oak	12	4
Fraxinus pennsylvanica	Green Ash	12	4
Cornus florida	Dogwood	12	4
TOTAL		60	20
AFFORESTATION CREDIT AREAS		0.06	0.04

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #4)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	18	5
Liriodendron tulipifera	Tulip Poplar	18	5
Quercus rubrum	Red Oak	18	5
Fraxinus pennsylvanica	Green Ash	18	5
Cornus florida	Dogwood	18	5
TOTAL		90	25
AFFORESTATION CREDIT AREAS		0.09	0.05

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #5)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	18	6
Liriodendron tulipifera	Tulip Poplar	18	6
Quercus rubrum	Red Oak	18	6
Fraxinus pennsylvanica	Green Ash	18	6
Cornus florida	Dogwood	18	6
TOTAL		90	30
AFFORESTATION CREDIT AREAS		0.09	0.06

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #6)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	6	2
Liriodendron tulipifera	Tulip Poplar	6	2
Quercus rubrum	Red Oak	6	2
Fraxinus pennsylvanica	Green Ash	6	2
Cornus florida	Dogwood	6	2
TOTAL		30	10
AFFORESTATION CREDIT AREAS		0.03	0.02

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #8)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	4	2
Liriodendron tulipifera	Tulip Poplar	4	2
Quercus rubrum	Red Oak	4	2
Fraxinus pennsylvanica	Green Ash	4	2
Cornus florida	Dogwood	4	2
TOTAL		20	10
AFFORESTATION CREDIT AREAS		0.02	0.02

REFORESTATION/AFFORESTATION PLANTING SCHEDULE (AREA #9)			
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK TOTAL SEEDLINGS EQUIVALENCY
Acer rubrum	Red Maple	12	4
Liriodendron tulipifera	Tulip Poplar	12	4
Quercus rubrum	Red Oak	12	4
Fraxinus pennsylvanica	Green Ash	12	4
Cornus florida	Dogwood	12	4
TOTAL		60	20
AFFORESTATION CREDIT AREAS		0.06	0.04

OWNER/DEVELOPER:
AK CEDAR CHASE LLC
9001 EDMONSTON RD.
GREENBELT, MD 20770
T.P.NO. OFFICE (301) 572-2575
FAX NO.

Woodland Conservation Worksheet
for
Prince George's County

Zone:	R.R.		
Gross Tract:	47.63		
Floodplain:	2.87		
Previously Dedicated Land:			
Net Tract (NTA):	44.76	0.00	0.00

Property Description or Subdivision Name:

CEDAR CHASE

Reforestation Requirement Reduction Questions

Is this one (1) single family lot? (y/n)	N
Are there prior TOP approvals which include a combination of this lot and/or other lots. (y/n)	N

Break-even Point (preservation) = 16.6876 acres
Clearing permitted w/o reforestation = 30.9424 acres

Woodland Conservation Calculations:	Net Tract (acres)	Floodplain Impacts (acres)	Off-site (acres)
Existing Woodland	47.63	2.87	
Woodland Conservation Threshold (NTA) =	20.00%	9.552	
Smaller of a or b		9.552	
Woodland above WCT	38.678		
Woodland cleared	35	0.96	0.00
Clearing above WCT (0.25 : 1) replacement requirement		8.76	
Clearing below WCT (2:1 replacement requirement)		0.00	
Afforestation Threshold (AFT) =	15.00%	0.00	
Woodland Conservation Required		18.66	

Woodland Conservation Provided:	(acres)	
Woodland Preservation	9.40	
Reforestation / Replacement	0.98	
Afforestation	0.00	
Area approved for fee-in-lieu	0.00	\$0.00
Credits for Off-site Mitigation on another property	8.29	
Off-site Mitigation provided on this property	0.00	
Total Woodland Conservation Provided	18.67	

Area of woodland not cleared 12.63 acres
Woodland retained not part of requirements: 3.23 acres

Prepared by:

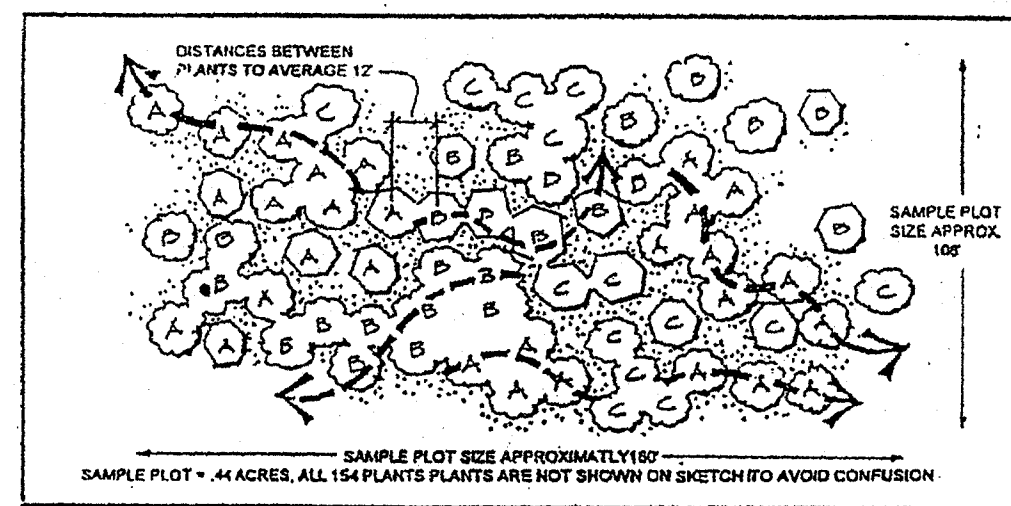
Signed _____ Date _____

NOTE:
8.29 AC. OFFSITE MITIGATION IS BEING PROVIDED ON TCPII FOR CEDAR CHASE, PHASE II

SWAMP/POUND LANDSCAPE SCHEDULE (AREA #7)							
SHADE TRESS	KEY	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
Ar	6		Acer rubrum	October Glory Maple	1 1/2" - 2" cal.	B&B	PER PLAN
Fp	4		Fraxinus pennsylvanica	Green Ash	1 1/2" - 2" cal.	B&B	PER PLAN
Qp	4		Quercus phellos	Willow Oak	1 1/2" - 2" cal.	B&B	PER PLAN
Li	5		Liriodendron tulipifera	Tulip tree	1 1/2" - 2" cal.	B&B	PER PLAN
SHRUB/ORNAMENTAL TREE	KEY	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
Ig	20		Ilex gruba	Ink-berry	3' - 4' HT.	B&B	PER PLAN
Cc	6		Cercis canadensis	Redbud	3' - 4' HT.	B&B	PER PLAN
Vc	13		Vaccinium corymbosum 'Patriot'	Patriot highbush Blueberry	3' - 4' HT.	B&B	PER PLAN
EVERGREEN TREES	KEY	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
Pe	11		Pinus strobus 'Pendula'	Weeping White pine	1 1/2" - 2" cal.	B&B	PER PLAN

(SEE SWAMP LANDSCAPE PLAN FOR POND #1 FOR PLANT MATERIAL LOCATION)

PLANTING LAYOUT (AGGREGATE DISTRIBUTION DRIFT THEORY)

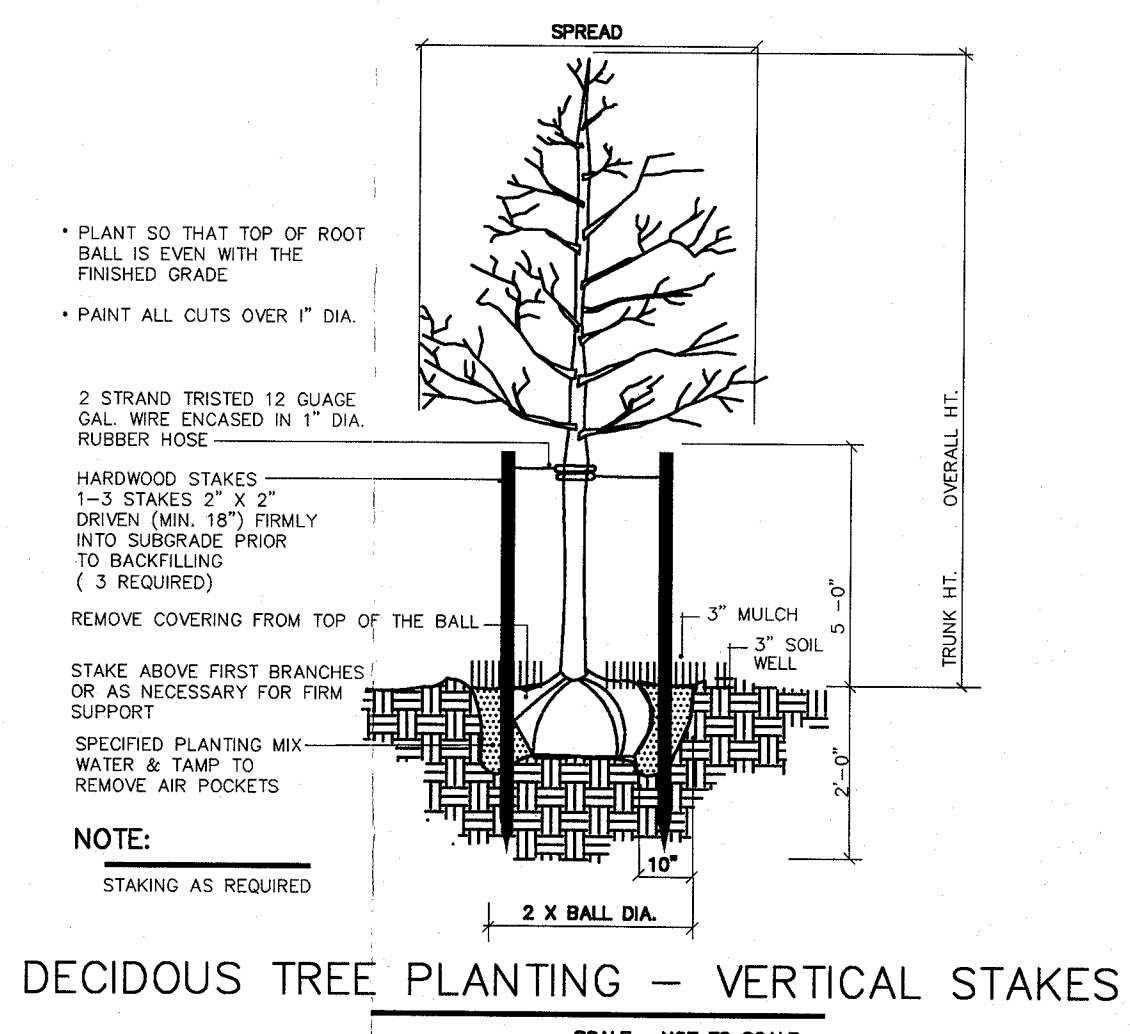


Concept: Aggregate Drift or Sweep. A cluster type grouping which tapers or feathers out along the edges.

Example: Aggregate massing or drifts are one of the most common vegetation distribution patterns occurring in nature. Principle seed bearers are at the central core of the cluster with seed dispersal outwards, often windblown by densities thinning out along the fringes or extremities. Groupings blend through and into other groupings. Imagine the fallout of windblown milkweed seeds. They often appear as aggregate drifts, elongated and tear drop in shape.

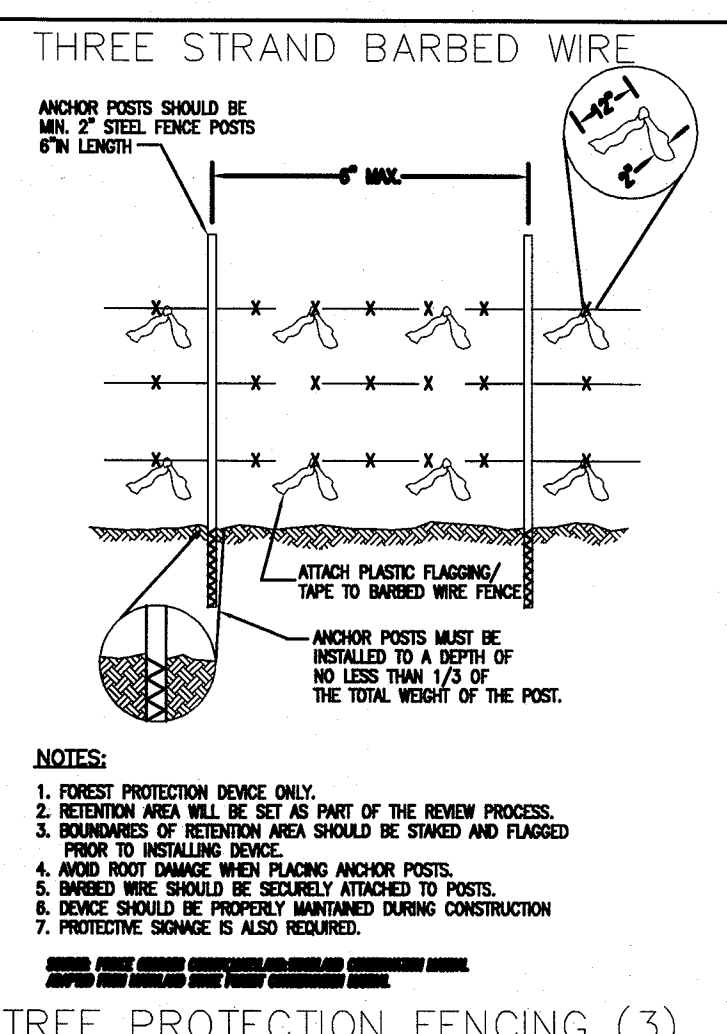
Application: This does not mean that plants must be in a grid pattern, that drifts of shrubs cannot blend into groupings of trees or that groupings of same species cannot occur together. It simply means that the installer should meet the aforementioned forest conservation act criteria at the same time replicating nature's aggregate drift patterns (see detail).

When using this theory to lay out a planting plan the size of the drifts will depend on the quantity of plants allocated, the scale of the site, and the careful consideration of the installer.

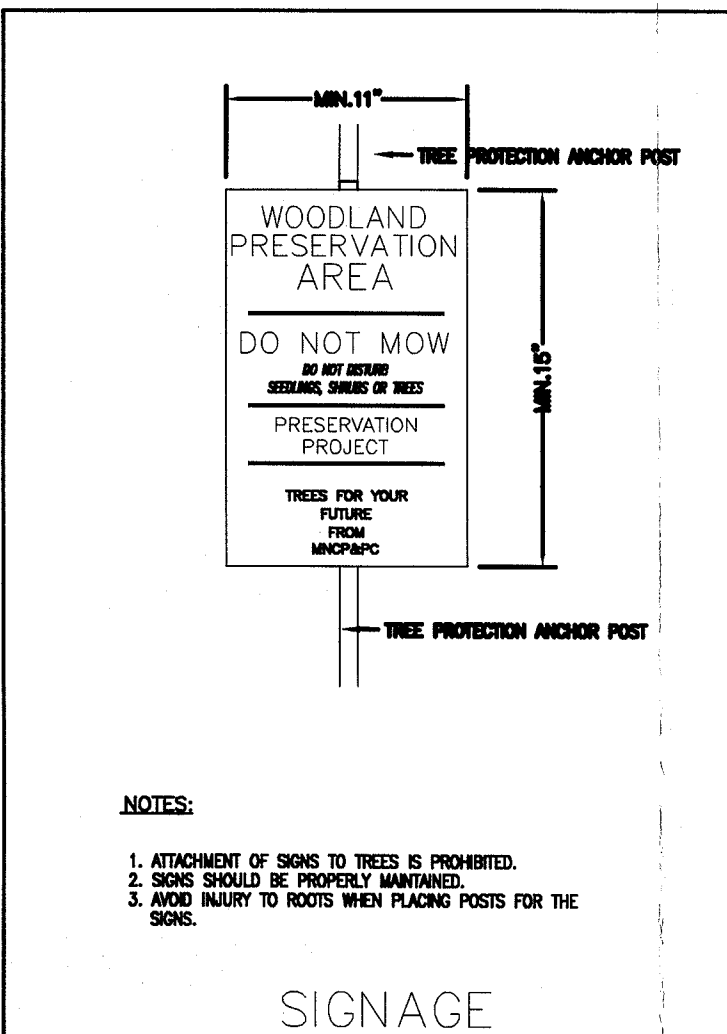


DECIDUOUS TREE PLANTING - VERTICAL STAKES

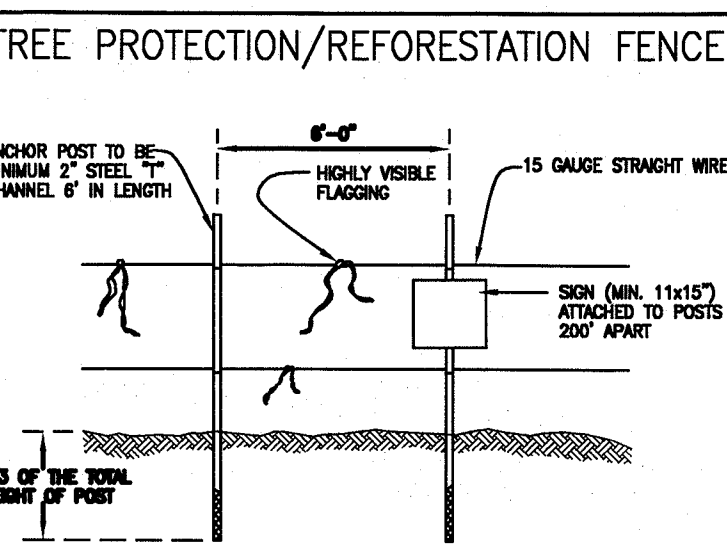
SCALE: NOT TO SCALE



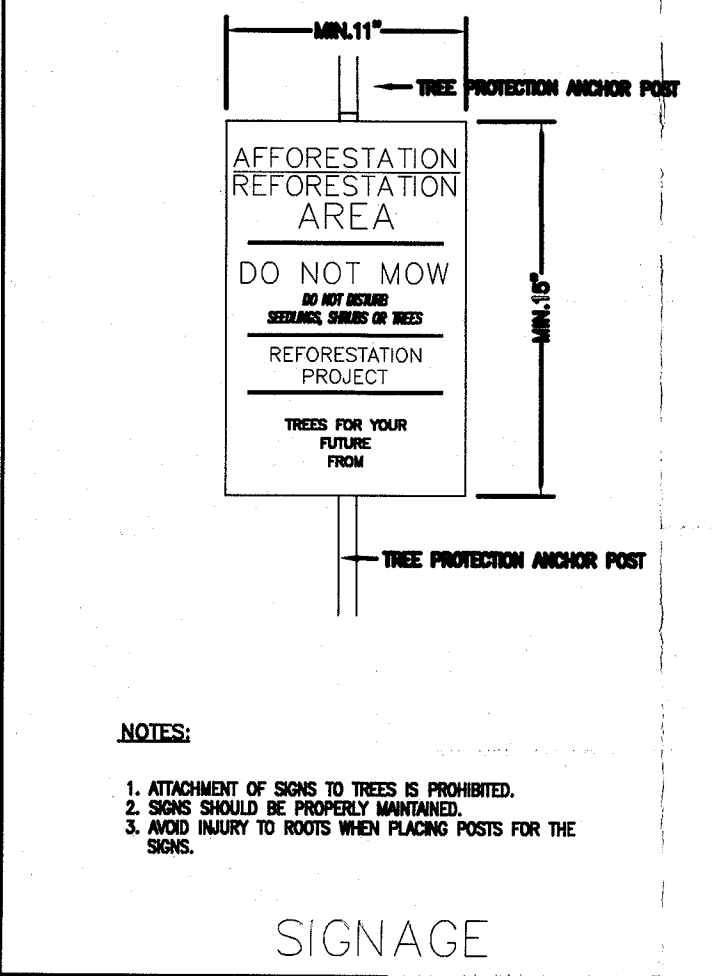
TREE PROTECTION FENCING (3)



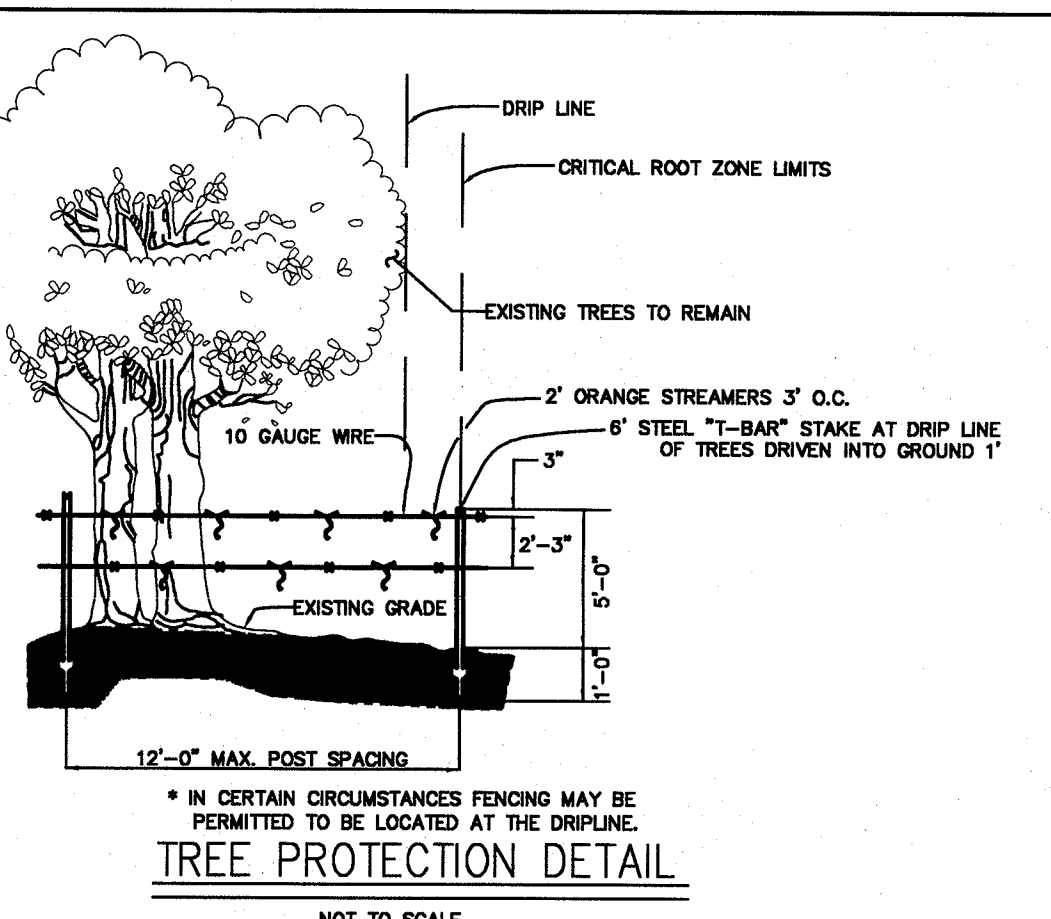
SIGNAGE



NOTES:
1. TREE PROTECTION FENCE ONLY.
2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
3. BEHAVIOR OF AREA SHOULD BE SET AS PART OF THE REVIEW PROCESS.
4. DO NOT MOW.
5. DO NOT MOW.
6. DO NOT MOW.
7. DO NOT MOW.

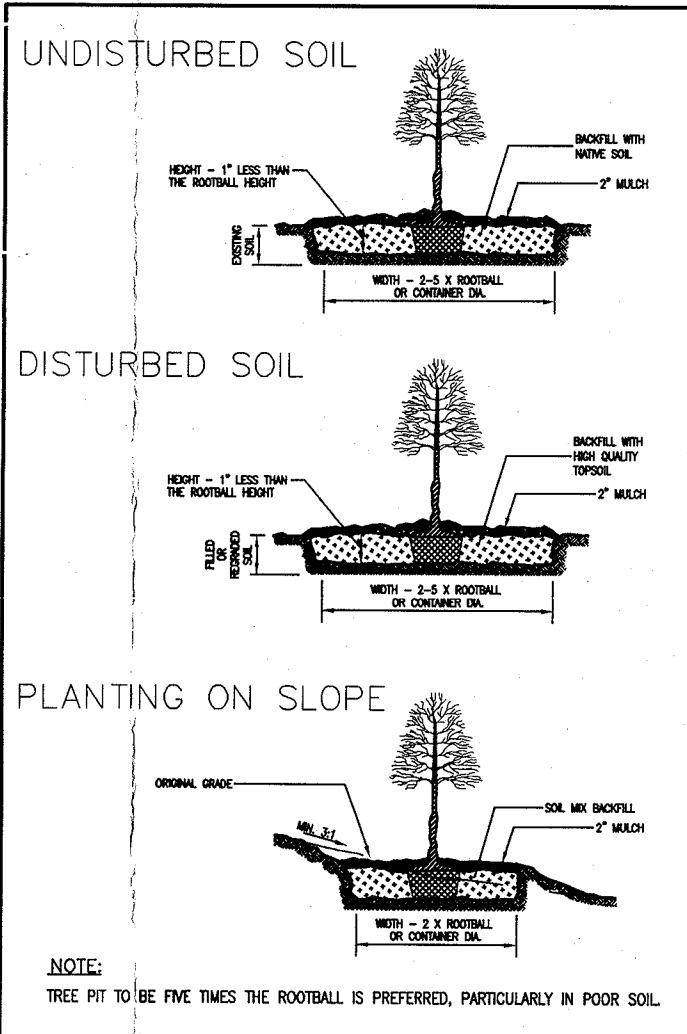


SIGNAGE



TREE PROTECTION DETAIL

NOT TO SCALE



UNDISTURBED SOIL

DISTURBED SOIL

PLANTING ON SLOPE

NOTE: TREE PIT TO BE FIVE TIMES THE ROOTBALL IS PROVIDED, PARTICULARLY IN POOR SOIL.

UPDATES/REVISIONS:
1. 04/14/04 REVISE WOODLAND CON. WORKSHEET MP.
2. 04/14/04 ADDED REF/AFFO. SCHE. FOR AREAS 1,2,3,4,5 AND 6 MP.
3.
4.
5.
6.
7.