IDENTIFIER #	AREA IN ACRES
1	3.26
2	0.2
3	0.04
4	0.14
5	0.89
6	0.74
7	0.1
8	1.45
9	0.04
10	0.97
11	0.52
12	4.3
13	0.28
14	0.25
15	3.13
16	6.56
17	0.21
18	0.24
19	0.15
20	1.31
TOTAL	24.78

TREE CONSERVATION II REFORESTATION AREAS			
IDENTIFIER # AREA IN ACRES			
1	0.64		
2	0.04		
3	0.02		
4	0.03		
5	0.04		
6	0.8		
7	7.03		
8	0.54		
9	0.11		
10	0.13		
11	0.04		
12	0.04		
13	0.03		
TOTAL	9.49		

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SUPER SEC. 1.20

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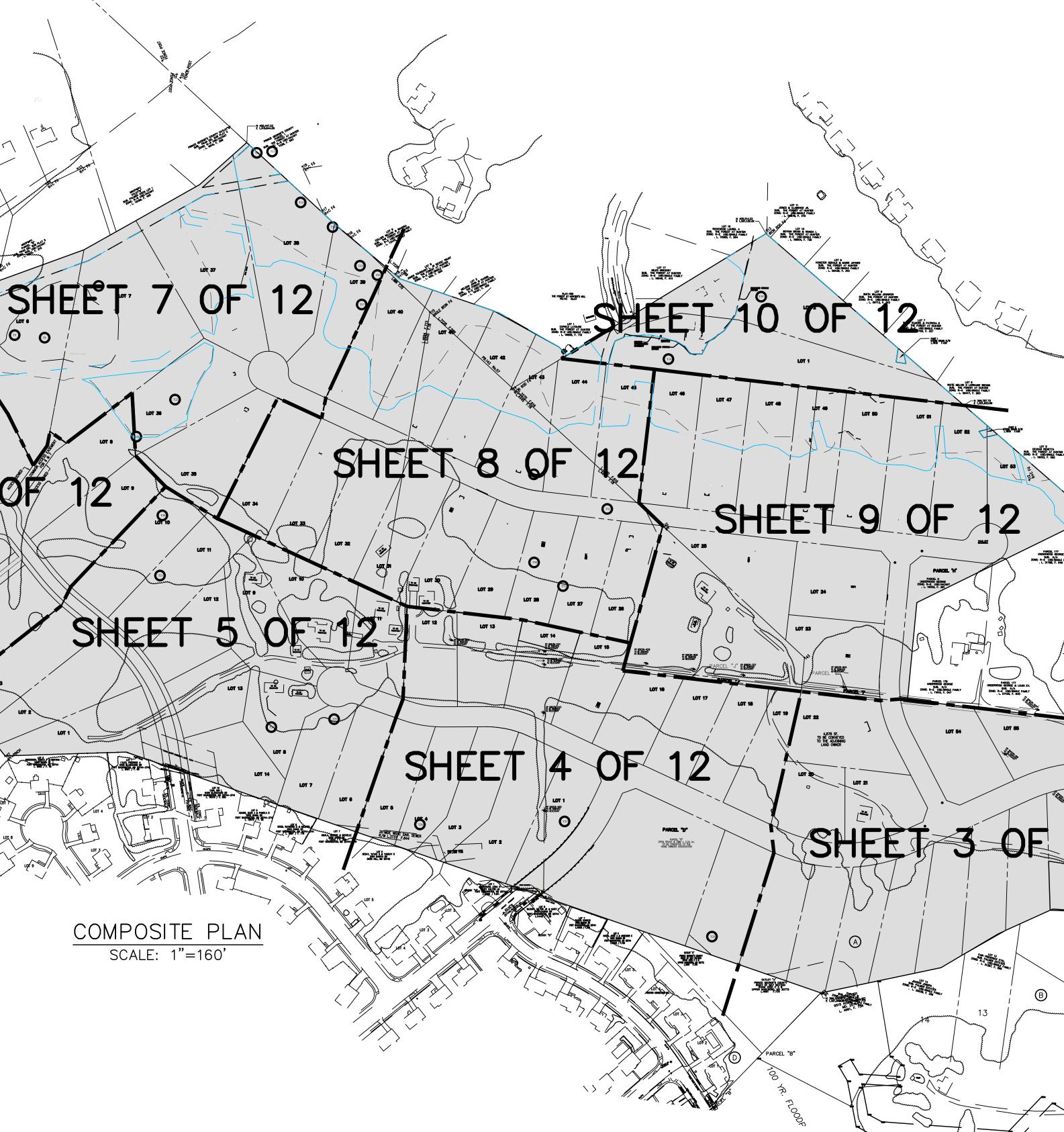
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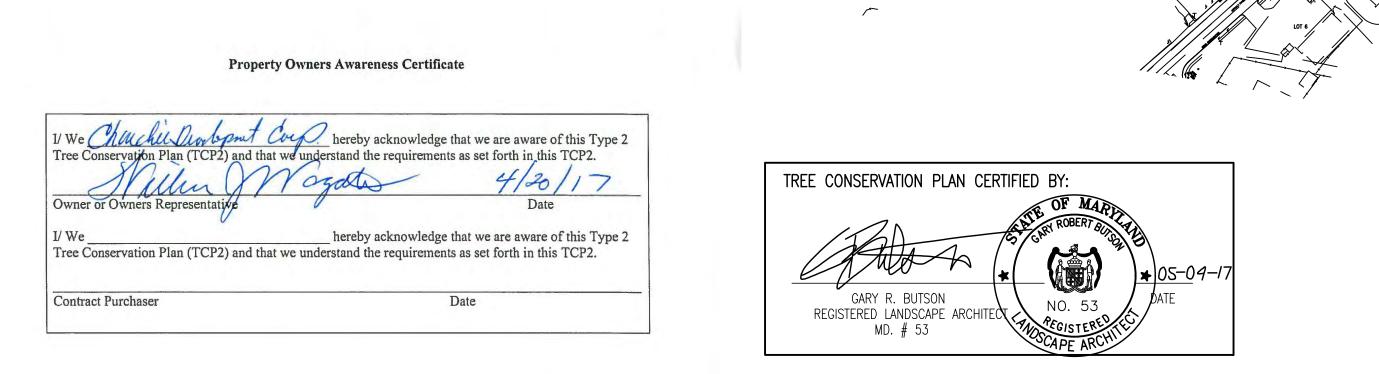
	SPECIMEN TREE LIST					
Number	Common Name	Species Name	DBH (inches)	Condition	Comments	
1	Tulip Poplar	Liriodendron tulipifera	39	Good	To be saved	
2	Tulip Poplar	Liriodendron tulipifera	34	Good	To be removed	
3	Tulip Poplar	Liriodendron tulipifera	33	Good	To be saved	
4	Tulip Poplar	Liriodendron tulipifera	34	Good	To be saved	
5	Sycamore	Plantanus occidentalis	30	Good	To be saved	
6	Sycamore	Plantanus occidentalis	3	Poor	To be remove	
7	Tulip Poplar	Liriodendron tulipifera	7	Good	To be remove	
8	Red Maple	Acer rubrum	36	Good	To be saved	
9	Tulip Poplar	Liriodendron tulipifera	31	Good	To be saved	
10	Tulip Poplar	Liriodendron tulipifera	31	Good	To be saved	
11	Tulip Poplar	Liriodendron tulipifera	31	Good	To be saved	
12	Northern Red Oak	Quercus rubra	37	Good	Off property	
13	Tulip Poplar	Liriodendron tulipifera	32	Good	To be saved	
14	Tulip Poplar	Liriodendron tulipifera	34	Good	To be saved	
15	Beech	Fagus sylvatica	61	Good	To be saved	
16	Tulip Poplar	Liriodendron tulipifera	35	Good	To be saved	
17	Tulip Poplar	Liriodendron tulipifera	32	Good	To be saved	
18	Tulip Poplar	Liriodendron tulipifera	33	Good	To be saved	
19	Sweetgum	Liquidambar styraciflua	48	Good	To be saved	
20	Sweetgum	Liquidambar styraciflua	30	Good	To be saved	
21	Tulip Poplar	Liriodendron tulipifera	32	Good	To be saved	
22	Red Maple	Acer rubrum	39	Good	To be saved	
23	White Ash	Fraxinus americana	34	Poor	To be saved	
24	Tulip Poplar	Liriodendron tulipifera	46	Good	To be remove	
25	Northern Red Oak	Quercus rubra	55	Good	To be remove	
26	Southern Red Oak	Quercus falcata	30	Good	To be saved	
27	Southern Red Oak	Quercus falcata	36	Good	To be remove	
28	Tulip Poplar	Liriodendron tulipifera	32	Poor	To be remove	
29	Tulip Poplar	Liriodendron tulipifera	44	Good	To be saved	
30	Scarlet Oak	Quercus coccinea	30	Good	To be remove	
31	Southern Red Oak	Quercus falcata	50	Good	To be remove	
32	Tulip Poplar	Liriodendron tulipifera	31	Good	To be remove	
33	Tulip Poplar	Liriodendron tulipifera	30	Good	To be remove	

SOIL ANALYSIS (MAP)						
SYMBOL	SOIL	SLOPE	ERODABILITY	HYDROLOGIC CLASS/ K-FACTOR	HYDRIC	
AuD	AURA GRAVELLY LOAM	12% TO 20%	MODERATE	.32	NO	
AvE	AURA AND CROOM GRAVELLY LOAM	20% TO 50%	SEVERE	.37	NO	
BIB2	BELTSVILLE SILT LOAM	2% TO 5%	MODERATE	.49	NO	
BIC2	BELTSVILLE SILT LOAM	5% TO 10%	SEVERE	.49	NO	
BID3	BELTSVILLE SILT LOAM	10% TO 15%	SEVERE	.49	NO	
Во	BIBB SILT LOAM		SEVERE	.43	NO	
CmE3	COLLINGTON FINE SANDY LOAM	5% TO 10%	SEVERE	.28	NO	
lmB	IUKA SANYD LOAM	2% TO 5%	MODERATE	.37	NO	
KeC2	KEYPORT FINE SANDY LOAM	5% TO 10%	MODERATE	.37	NO	
КрС2	KEYPORT SILT LOAM	5% TO 15%	MODERATE	.49	NO	
ОсВ	OCHLOCKONEE SANDY LOAM	2% TO 5%	SLIGHT	.20	NO	
OcC	OCHLOCKONEE SANDY LOAM	5% TO 10%	SLIGHT	.20	NO	

TREE CONSERVATION PLAN-II FOR THE WASHINGTON OVERLOOK

PISCATWAY (5th) ELECTION DISTRICT PRINCE GEORGE'S COUNTY, MARYLAND





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HITE MELVIN D LORRAINE BRO SUB. THE FOREST AT HUNTE ZONE: R-E USE:SINGLE FAM 0447 F 943

LOT 52 🧹

12

THE FOREST AT HUNTER R-E USE:SINGLE FAMILY

PARCEL 177 UNDERWOOD GEORGE SUB. N/A ZONE: R-E USE: SMOLE FAMILY . L. 31788, F. 049

LOT 4 MOLOCK GUIZELOUS & SHERRY D SUB. THE FOREST AT HUNTER ZONE: R-E USE SINGLE FAMILY . L 11480, F. 489

PARCELS DERWOOD GEORGE UNDERWOOD EDNE: R-E DSE: VACANT LJ1788, 0. 045

12

PARCEL 201 PALLER, LLC APT SOTS AUGUSTICATION AGENT AND AND A TO AND A CARRY & CARRY AND A CARRY & CARRY AND A CARRY FILL AND AND A

PARCEL 224 CHARLES UNDERWOOD SUB. N/A ZONE: R-E USE: SINGLE FAMIL' S-4 - L 07180, F. 640

SP.

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LOT SI

PARCEL 'H'

PARCEL 178 UNDERWOOD GEORGE SUB. N/A ZONE: R-E USE:SWOLE FAMILY . L. 11610, F. 047

SUB PALMER LOT 14 SUB PALMER BITATES ZONE: R-E USE BITATES · L 29838, F. 338

LOT 54

PARCEL 177 UNDERWOOD GEORGE & LOUIS EV. SUB. N/A ZONE: R-E USESINGLE FAMILY . L 07160, F. 640

LOT 55

UNDERWOOD GEORGE ZONE: R-E USE: VACA . L. 19002, F. 391

NOTES:

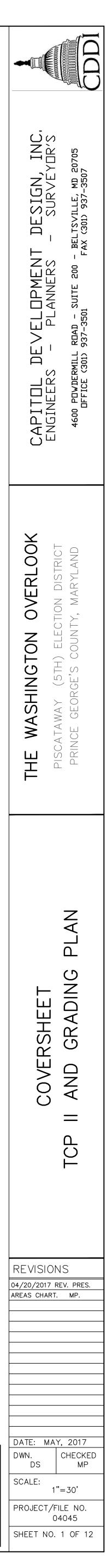
- BOUNDARY AND TOPOGRAPHY SURVEY PREPARED BY OTHERS.
 TAX MAP: PAGE 114, GRID D-3
 ADC MAP PAGE 25, GRID G-4
- 200' WSSC SHEET # 212 SE 02 AND 212 SW 02 PROPERTY ZONED: R-E
- PROPERTY RECORDED IN PRINCE GEORGE'S COUNTY
- LAND RECORDS. PLAT # 49 THROUGH 55 THERE EXISTS 100-YEAR FLOODPLAIN ON THIS SITE. OWNER:
- OWNER: CHURCHILL GROUP
 5 CHOKE CHERRY ROAD, SUITE 360 ROCKVILLE, MD 20805 TEL. (301) 243–1000
 9. ENGINEER:
- CAPITOL DEVELOPMENT DESIGN, INC.
- 5010 SUNNYSIDE AVENUE, STE. 200 BELTSVILLE, MD 20705
- TEL. (301) 982–1781 10. TEN (10') FEET PUBLIC UTILITY EASEMENT RUNS ALONG ALL PUBLIC RIGHT-OF-WAY.
- 11. FILL AREAS:
- A. CLASS I FILL TO BE PLACED BELOW ALL BUILDINGSB. CLASS II FILL TO BE PLACED BELOW ALL PAVED AREAS
- INCLUDING DRIVEWAYS AND SIDEWALKS C. CLASS III FILL TO BE PLACED IN AREAS THAT WILL REMAIN "GREEN".
- 12. MAXIMUN SLOPE: 3:1 13. MINIMUM SLOPE: 2.5% GRASSED, 1.0% PAVED
- 14. WATER CATEGORY: 3 15. SEWER CATEGORY: 3
- 16. BUILDING SETBACKS:
- FRONT: 25' SIDE: 35' TOTAL/18' OR 17'
- REAR: 25'
- 17. MAX. LOT COVERAGE: 20% 18. PROPOSED DEVELOPMENT: SINGLE FAMILY DETACHED RESIDENTIAL
- TOTAL NO. OF LOTS: 89 (88 BUILDABLE LOTS) 19. 20.

OWNER/DEVELOPER

CHURCHILL GROUP WILLIAM J. WOGATSKE 5 CHOKE CHERRY ROAD SUITE 360 ROCKVILLE, MD 20850 (240) 243-1000

- PRELIMINARY PLAT # 4-02068 WATERSHED: 51-HUNTER MILL BRANCH
- STORMWATER MANAGEMENT CONCEPT NO. 26260-2002-00 FLOODPLAIN STUDY NO. 200163
- 24. SITE AREA = 102.95 Ac. (\pm)
- 25. ELECTION DISTRICT: 5TH

	Prince George's County Planning Departn Environmental Planning Secti TYPE 2 TREE CONSERVATION PL TCP2–061 -05					
	Approved by	Date	DRD #	R		
00	J.L STASZ	4-19-05				
01	J.L STASZ	9-14-06				
02	CHUCK SCHNEIDER	5-02-14				
03	CHUCK SCHNEIDER	10-22-14				
04	KIM FINCH	11-2-15				
05	KIM FINCH	11-2-15				
06	Burg Souder	12/26/17				



TCP-II	
TCP-II	
TCP-II	
TCP-II	
DETAIL	SHEET

SHEET INDEX

PLAN TYPE

TCP-II

TCP-II

TCP-II

TCP-II

TCP-II

TCP-II

COVER SHEET

SHEET NO.

1 OF 12

2 OF 12

3 OF 12

4 OF 12

5 OF 12

6 OF 12

7 OF 12

8 OF 12

9 OF 12

10 OF 12

11 OF 12

12 OF 12

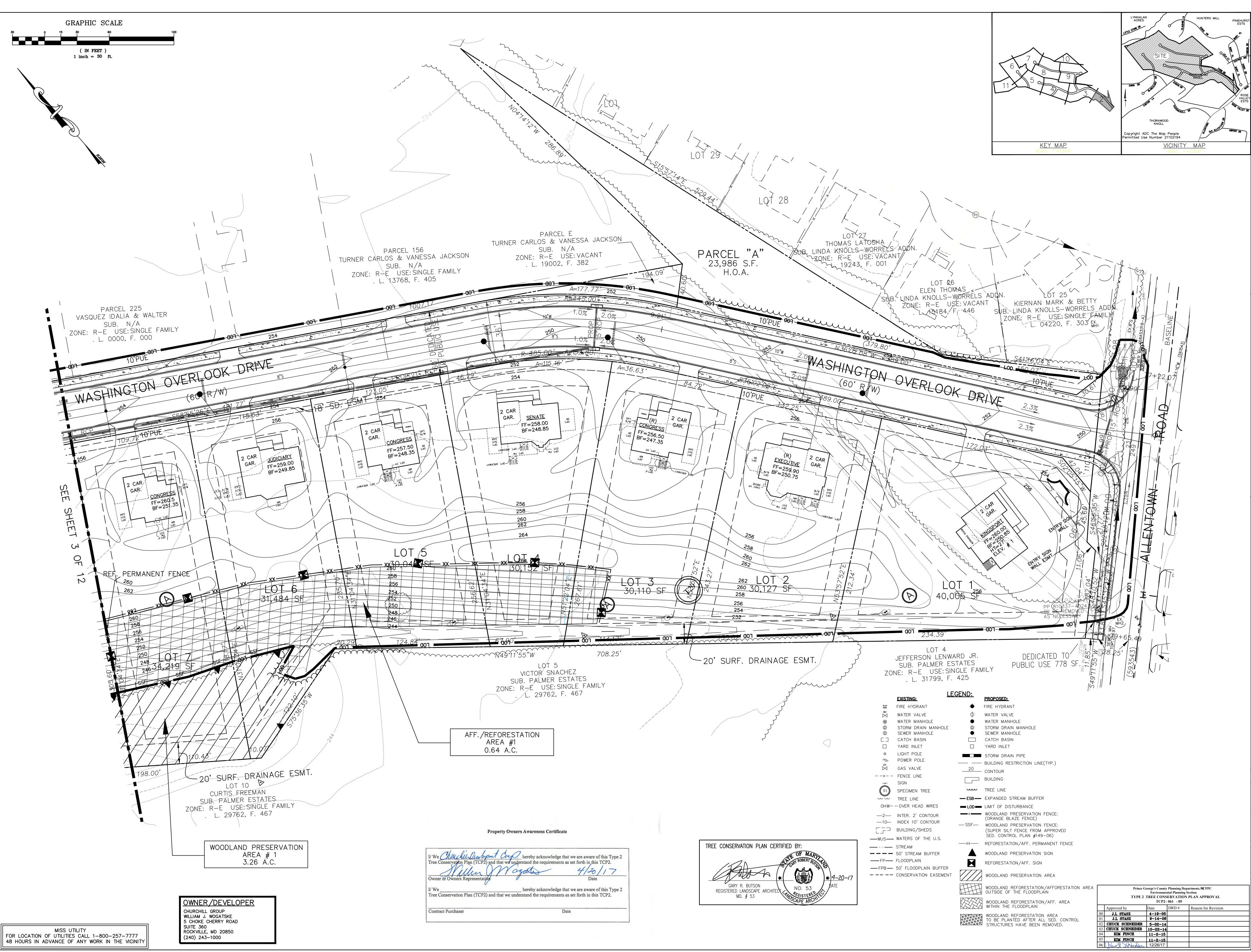
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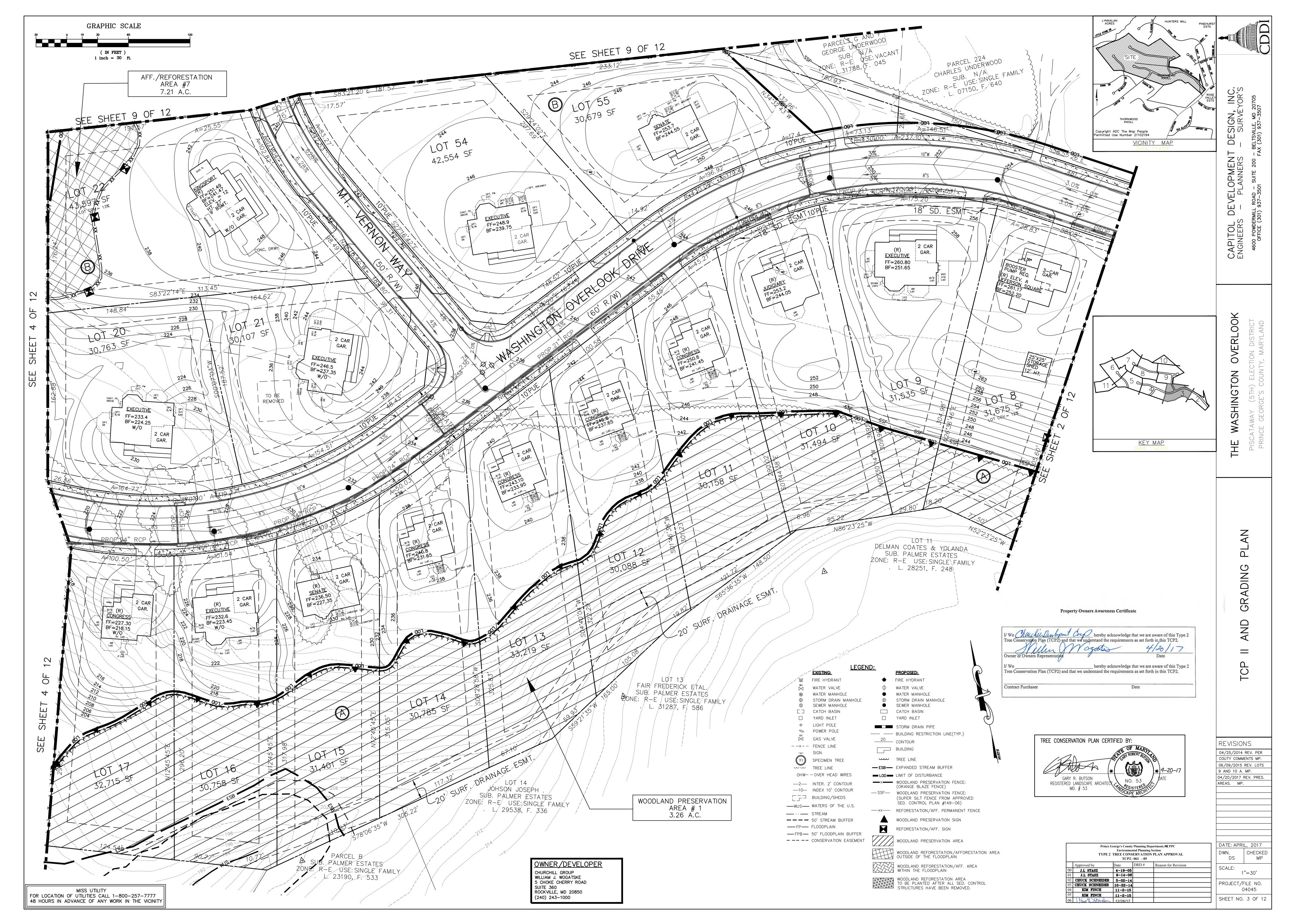
tment,-NICPPC LAN APPROVAL Reason for Revision

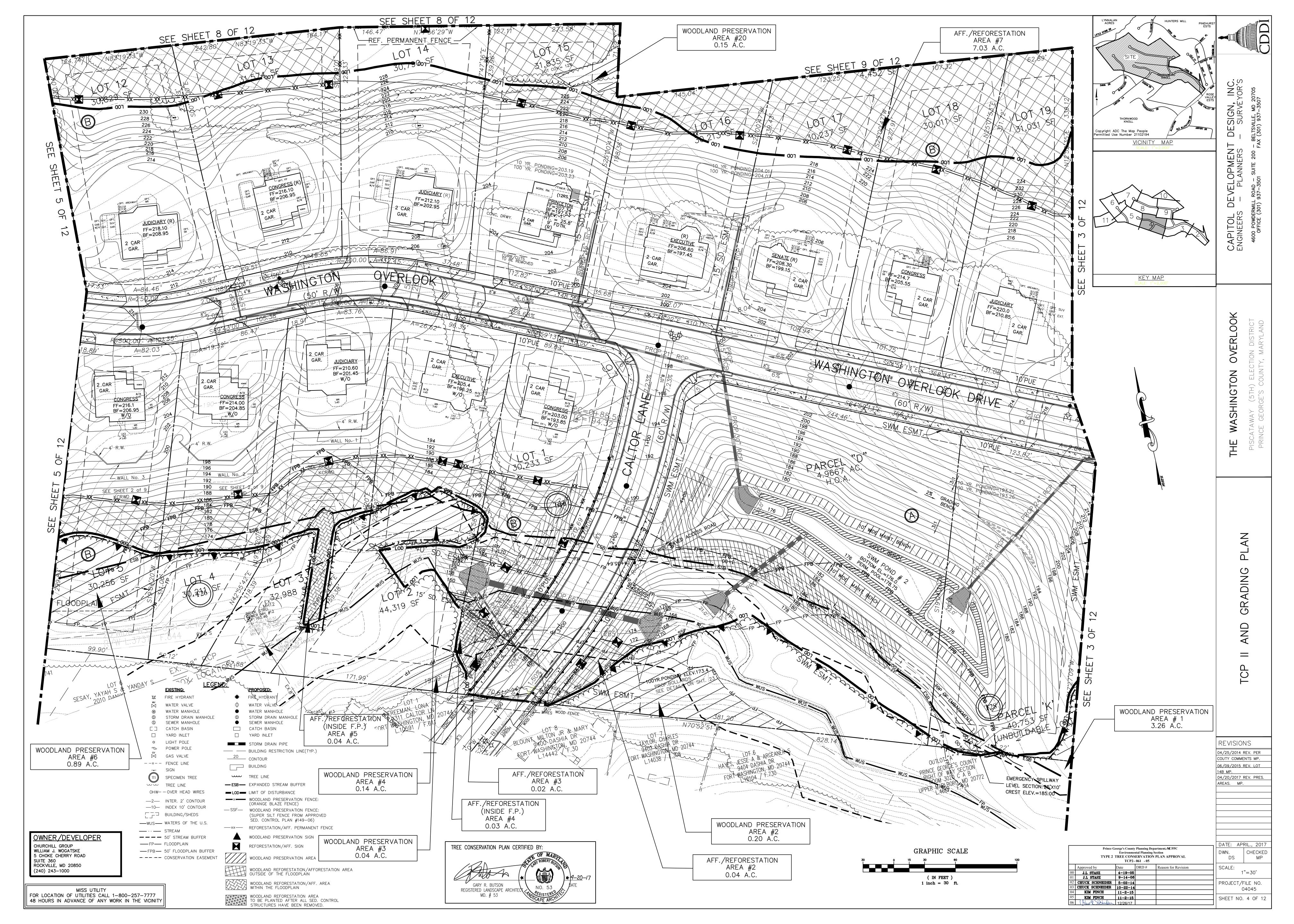


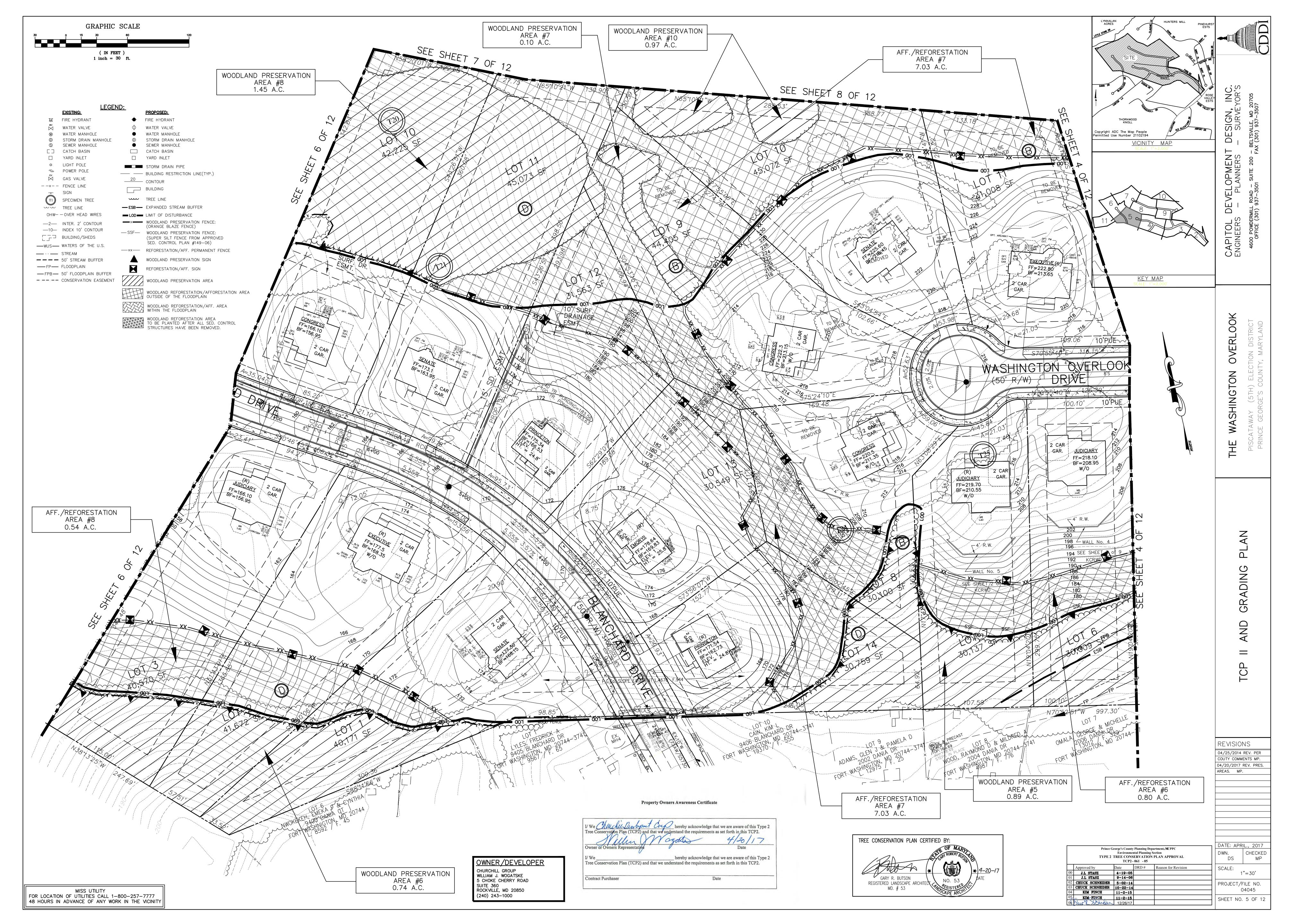
1 We Chuchie Durby	and that we understand the requirement	that we are aware of this Type 2
Tree Conservation Plan (TCP2)	and that we understand the requireme	ents as set forth in this TCP2. 4/20/17
Owner or Owners Representativ		Date
I/ We	hereby acknowledg	ge that we are aware of this Type 2
Tree Conservation Plan (TCP2)	and that we understand the requireme	ents as set forth in this TCP2.
Contract Purchaser		Date

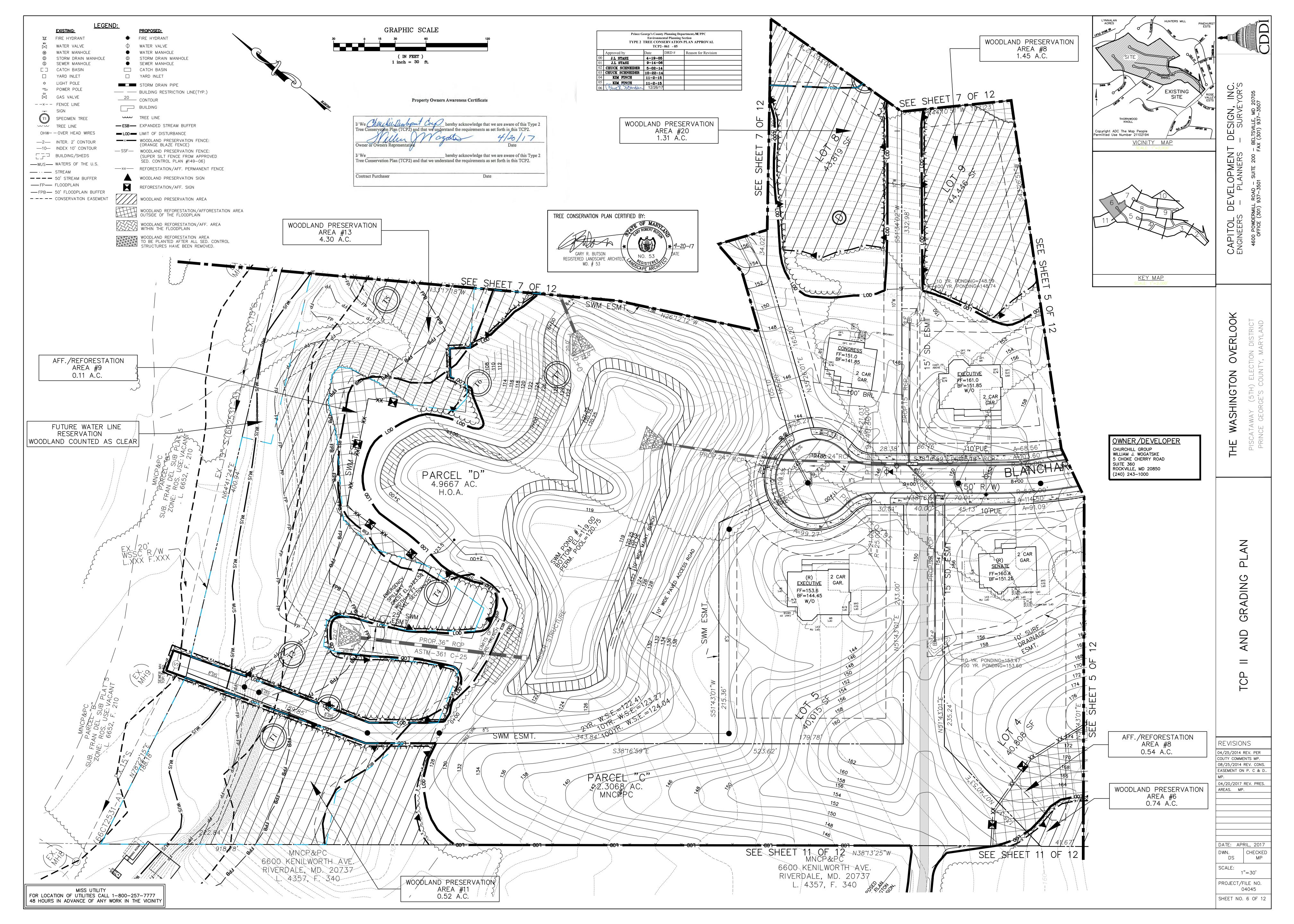
CAPITOL DEVELOPMENT DESIGN, INC. Engineers - Planners - Surveyor's	4600 POWDERMILL ROAD - SUITE 200 - BELTSVILLE, MD 20705 0FFICE (301) 937-3501 FAX (301) 937-3507			
THE WASHINGTON OVERLOOK	PISCATAWAY (5TH) ELECTION DISTRICT PRINCE GEORGE'S COUNTY, MARYLAND			
TCP II AND GRADING PLAN				
REVISION 04/25/2014 F COUTY COMME 08/5/2015 RI LOT 8 BLOCK 04/20/2017 E PARCEL A FRO GROSS TRACK	REV. PER NTS MP. EV. PER A. MP LIMINATE			
PROJECT/F	CHECKED MP '=30' ILE NO. 4045			

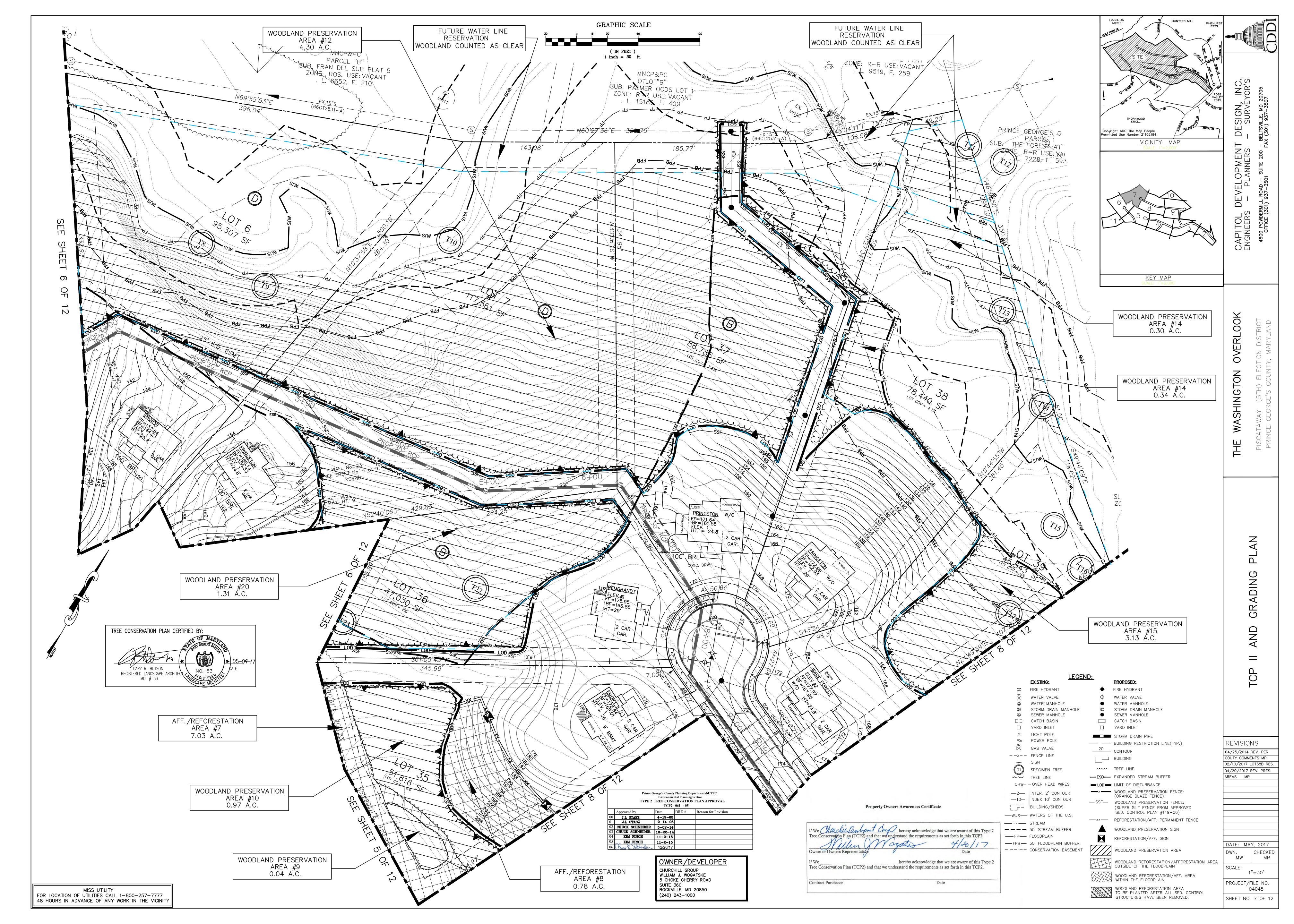
6	rtment , M CPPC ection PLAN APPROVAL
	Reason for Revision

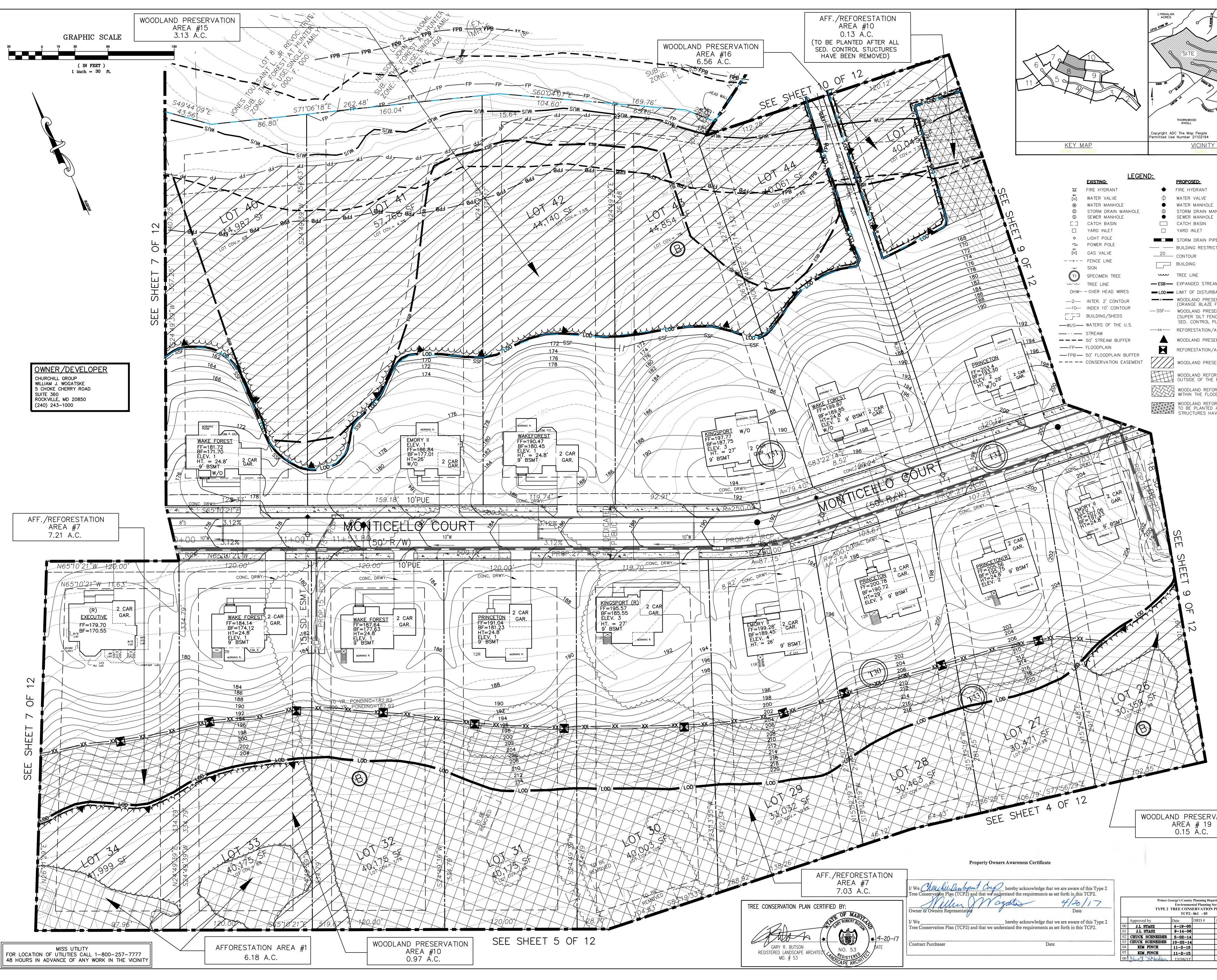




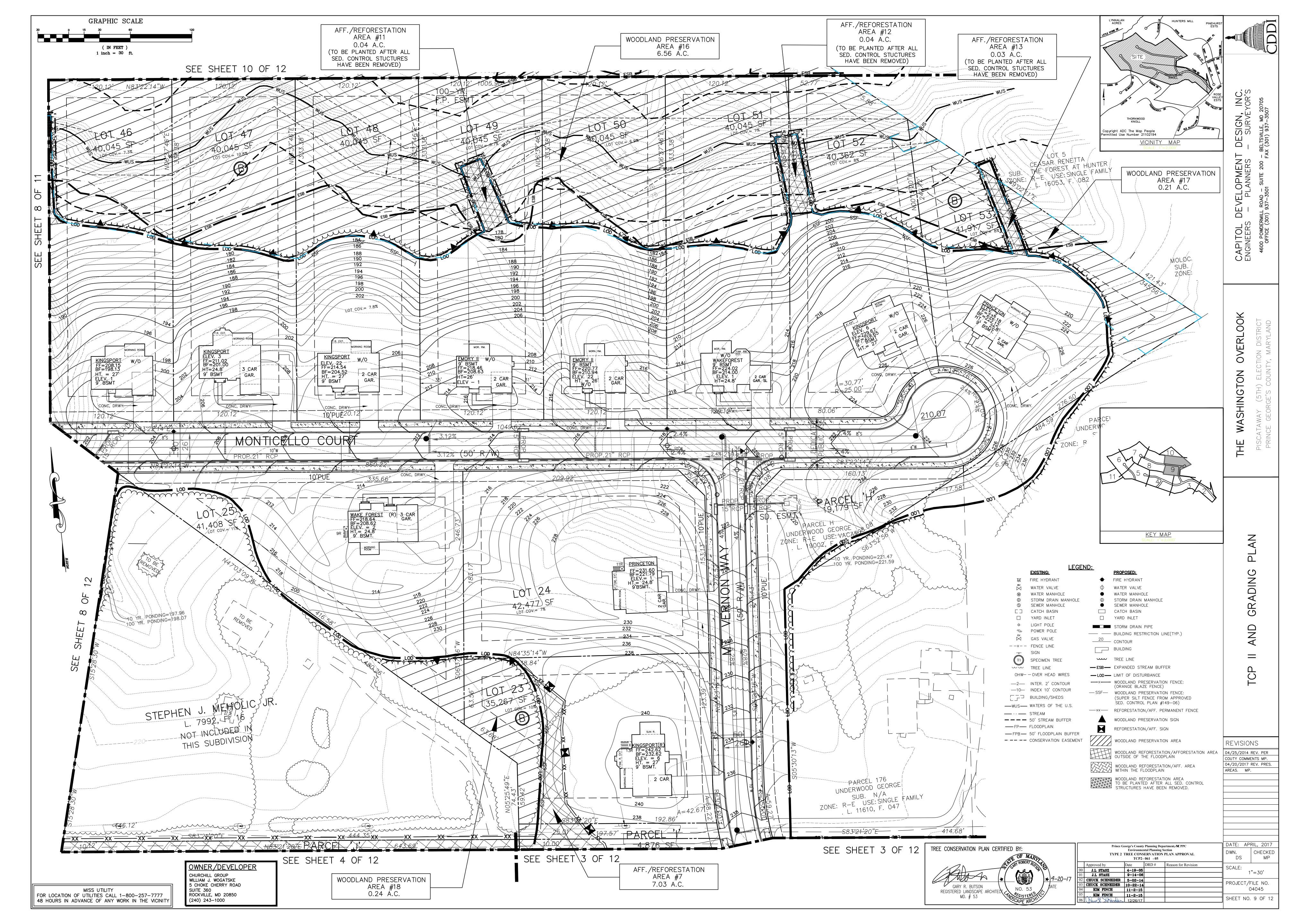


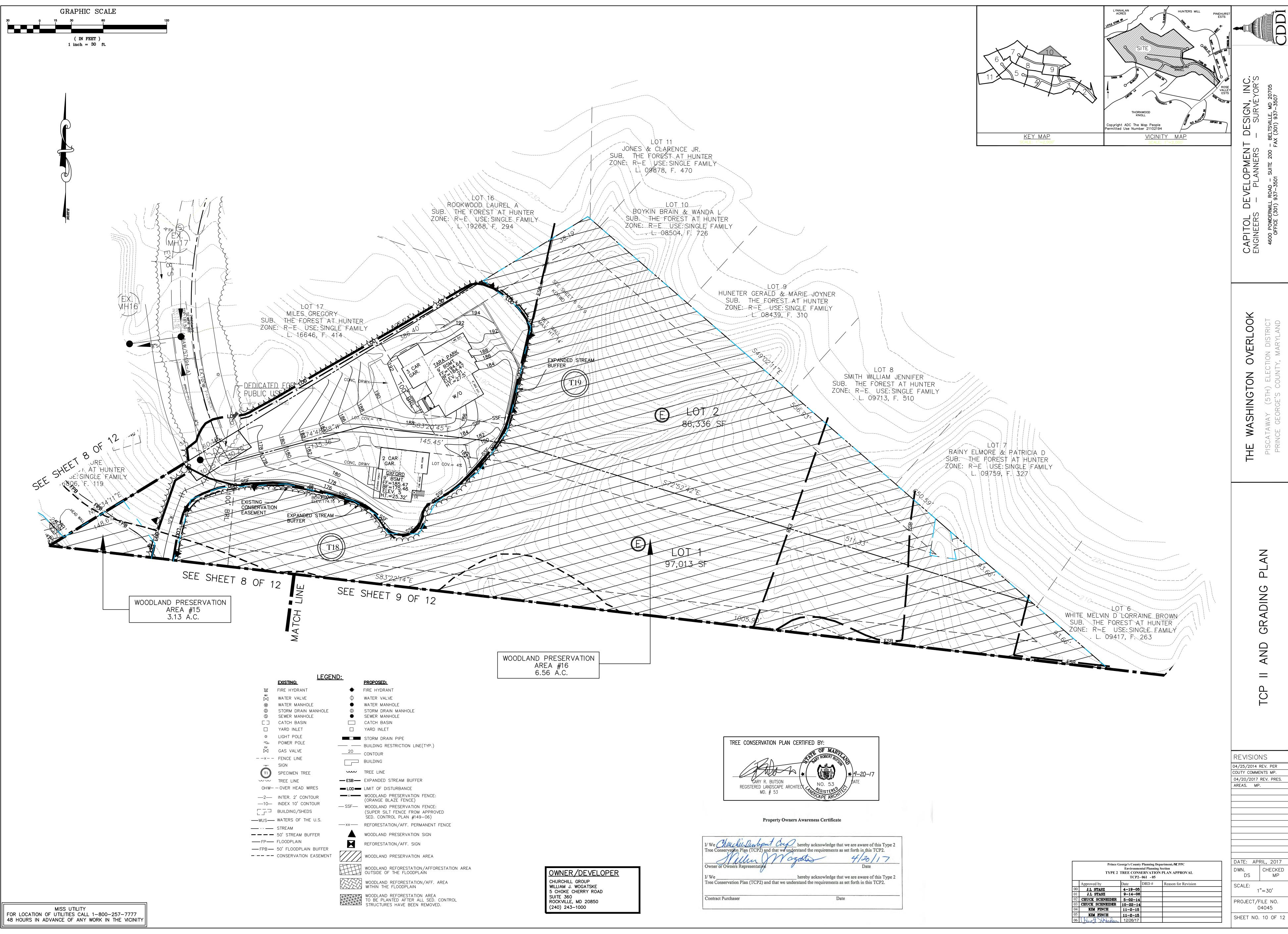


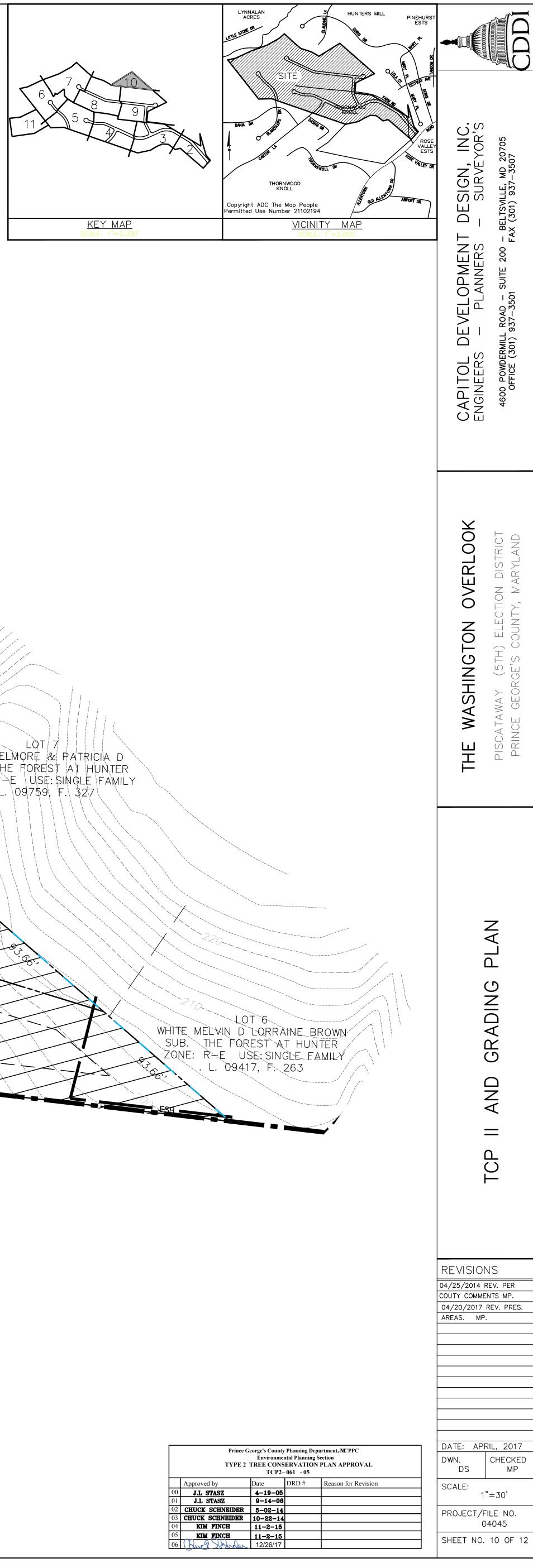




HUNTERS MILL PINEHURST ESTS	
ANHOLE PE CTION LINE(TYP.)	CAPITOL DEVELOPMENT DESIGN, INC. ENGINEERS – PLANNERS – SURVEYOR'S 4600 POWDERMILL ROAD – SUITE 200 – BELTSVILLE, MD 20705 0FFICE (301) 937–3501 FAX (301) 937–3507
ERVATION FENCE: FENCE) ERVATION FENCE: ICE FROM APPROVED PLAN #149-06) AFF. PERMANENT FENCE ERVATION SIGN AFF. SIGN ERVATION AREA RESTATION/AFFORESTATION AI FLOODPLAIN PRESTATION /AFF. AREA DDPLAIN PRESTATION AREA AFTER ALL SED. CONTROL VE BEEN REMOVED.	THE WASHINGTON OVERLOOK PISCATAWAY (5TH) ELECTION DISTRICT PRINCE GEORGE'S COUNTY, MARYLAND
	TCP II AND GRADING PLAN
ATION	REVISIONS 04/25/2014 REV. PER COUTY COMMENTS MP. 04/20/2017 REV. PRES. AREAS. MP.
Artment,-NCPPC ection PLAN APPROVAL Reason for Revision	DATE: APRIL, 2017 DWN. CHECKED DS MP SCALE: 1"=30' PROJECT/FILE NO. 04045 SHEET NO. 8 OF 12



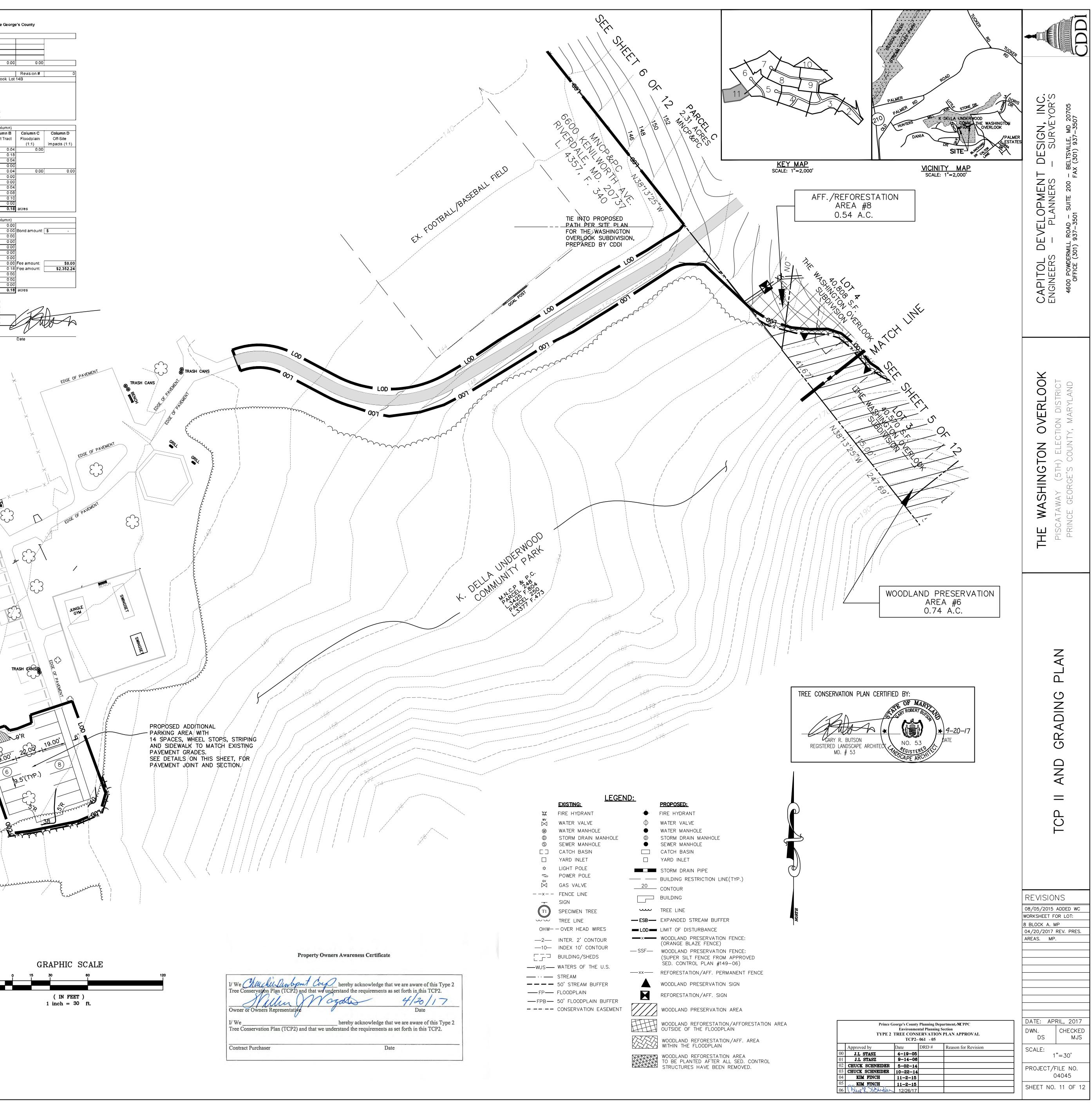




	Prince George's County Planning Departme Environmental Planning Section TYPE 2 TREE CONSERVATION PLA TCP2-061 - 05						
	Approved by	Date	DRD #	Rea			
00	J.L STASZ	4-19-05					
01	J.L STASZ	9-14-06					
02	CHUCK SCHNEIDER	5-02-14					
03	CHUCK SCHNEIDER	10-22-14					
04	KIM FINCH	11-2-15					
05	KIM FINCH	11-2-15					
06	(Hug Shader	12/26/17					

Standard Woodland Conservation Worksheet for Prince George's Coun				
R-E R-E pne: 0.72 ross Tract: 0.00 podplain: 0.00 reviously Dedicated Land: 0.00	2 Gross Tract: 3 Floodplain: 4 Previously Dedicated Land:	Dne) R-E 0.71 0.00 0.00		
et Tract (NTA): 0.72 0.00 CP Number roperty Description or Subdivision Name: Washington Overlook Lot 8A	0.00 5 Net Tract (NTA): ion # 0 6 TCP Number 061-	0.71 0.00 0.00		
this site subject to the 1989 Ordinance?(Y/N) N this one (1) single family lot? (Y,N) N re there prior TCP approvals which include a Y ombination of this lot/s? (Y,N) Y	8 Is this site subject to the 1989 Ordinance?(Y/N) 9 Is this one (1) single family lot? (Y,N) 10 Are there prior TCP approvals which include a	N N Y		
any portion of the property in a WC Bank? N reak-even Point (preservation) = 0.18 learing permitted w/o reforestion= -0.10	13 Break-even Point (preservation) =	N 0.18 acres -0.14 acres		
ECTION II-Determining Requirements (Enter acres for each corresponding column) Column A Column B Colur WCT/AFT % Net Tract Flood (1: (1: (1:	Iplain Off-Site Column	responding column) umn A Column B Column C Column D 7/AFT % Net Tract Floodplain Off-Site		
xisting Woodland 0.08 /oodland Conservation Threshold (WCT) = 25.00% 0.18 maller of 13 or 14 0.08 /oodland above WCT 0.00	0.00 15 Existing Woodland	(1;1) Impacts (1:1) 0,04 0,00 25.00% 0.18 0.04 0.04		
/oodland cleared 0.00 /oodland cleared above WCT (smaller of 16 or 17) 0.00 learing above WCT (0.25 : 1) replacement requirement 0.00	0.00 0.00 18 Woodland above WCT 19 Woodland cleared 20 Woodland cleared above WCT (smaller of 16 or 17) 21 Clearing above WCT (0.25 : 1) replacement requirement	0.00 0.04 0.00 0.00 0.00 0.00		
earing below WCT (2:1 replacement requirement) 0.00 forestation Required Threshold (AFT) = 20.00% 0.06 f-site WCA being provided on this property 0.01	22 Woodland cleared below WCT 23 Clearing below WCT (2:1 replacement requirement) 24 Afforestation Required Threshold (AFT) = 2 25 Off-site WCA being provided on this property	0.04 0.08		
codland Conservation Required 0.15 acres ECTION III-Meeting the Requirements (Enter acres for each corresponging column) codland Preservation 0.07	26 Woodland Conservation Required SECTION III-Meeting the Requirements (Enter acres for each corr	0.18 acres		FOOT
iorestation 0.00 Bond and and and and and and and and and a	28 Afforestation / Reforestation 29 Natural Regeneration 30 Landscape Credits	0.00 0.00 Bond amount: \$ - 0.00 0.00		Et.
rest Enhancement Credit (Area * .25) 0.00 0.00 reet Tree Credit (Existing or 10-year canopy coverage) 0.00 ea approved for fee-in-lieu/PFA 0.00 Fee am ea approved for fee-in-lieu/non-PFA 0.15 Fee am	31 Forest Enhancement Credit (Area * .25) iount: \$0.00 \$1,973.27 33 Area approved for fee-in-lieu/PFA	0.00 0.00 0.00 0.00 0.00 Fee amount: \$0.00		
-site Woodland Conservation Credits Required 0.00 -site WCA (preservation) being provided on this property 0.01 -site WCA (afforestation) being provided on this property 0.00 odland Conservation Provided 0.23 acres	34 Area approved for fee-in-lieu/non-PFA 35 Off-site Woodland Conservation Credits Required 36 Off-site WCA (preservation) being provided on this property 37 Off-site WCA (afforestation) being provided on this property	0.18 Fee amount: \$2,352.24 0.00 0.00 0.00		
a of woodland not cleared 0.08 acres tract woodland retained not part of requirements: 0.01 acres I-floodplain woodland retained 0.00 acres	38 Woodland Conservation Provided 39 Area of woodland not cleared	0.18 acres		
site woodland conservation provided 0.07 acres site woodland retained not credited 0.01 acres	40 Net tract woodland retained not part of requirements: 41 100-floodplain woodland retained 42 On-site woodland conservation provided 43 On-site woodland retained not credited	0.00 acres 0.00 acres 0.00 acres 0.00 acres		
epared by: Signed Date	44 Prepared by: Sign	ed Date		
Standard Woodland Conservation Worksheet for Prince George's County ION I-Establishing Site Information- (Enter acres for each zone) R-E R-E				- LOD
s Tract: 0.72 plain: 0.00 ously Dedicated Land; 0.00 ract (NTA); 0.72	0.00	EDGE OF PAVEMENT	TRASH CANS	
Iumber 061-05 Revisio rty Description or Subdivision Name: Washington Overlook Lot 9A site subject to the 1989 Ordinance?(Y/N) N			THE CONTRACT OF THE CONTRACT ON THE CONTRACT OF THE CONTRACT.	
ine subject to the 1999 Ordinance ((1/N) N one (1) single family lot? (Y,N) N re prior TCP approvals which include a Y nation of this lot/s? (Y,N) portion of the property in a WC Bank? N			Sa current	LOD L'UUUUU
even Point (preservation) =0.18ng permitted w/o reforestion=-0.10acres		× EDGE OF PAVEMENT		
DN II-Determining Requirements (Enter acres for each corresponding column) Column A Column B Column WCT/AFT % Net Tract Floodpl (1:1)	ain Off-Site Impacts (1:1)	EDGE OF PA		
nd Conservation Threshold (WCT) = 25.00% 0.18 of 13 or 14 0.08 nd above WCT 0.00	0.00	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
and cleared above WCT (smaller of 16 or 17) 0.00 and above WCT (0.25 : 1) replacement requirement 0.00 and cleared below WCT 0.00	0.00 0.00	BENCH X		
ng below WCT (2:1 replacement requirement) 0.00 station Required Threshold (AFT) = 20.00% 0.06 e WCA being provided on this property 0.05 land Conservation Required 0.19		EC3 D EDGE OF Pr		
ION III-Meeting the Requirements (Enter acres for each corresponging column) land Preservation 0.03 station / Reforestation 0.00 Bond amo	ount: \$ - EDGE OF PAVEM	ENT		
al Regeneration 0.00 scape Credits 0.00 imen/Historic Tree Credit (CRZ area * 2.0) 0.00 0.00 st Enhancement Credit (Area * .25) 0.00 0.00	BOLLARDS			
Tree Credit (Existing or 10-year canopy coverage) 0.00 approved for fee-in-lieu/PFA 0.00 approved for fee-in-lieu/non-PFA 0.11 e Woodland Conservation Credits Required 0.00		BENCH E		
te WCA (preservation) being provided on this property 0.05 te WCA (afforestation) being provided on this property 0.00 Nand Conservation Provided 0.19 acres		E S		
of woodland not cleared 0.08 acres ract woodland retained not part of requirements: 0.05 acres floodplain woodland retained 0.00 acres	CC OF PAREN			
te woodland conservation provided 0.03 acres te woodland retained not credited 0.05 acres ared by:	And C C		Same And	
Signed Conservation Worksheet for Prince George's County		TRASH CANSO	A CARACTER AND A CARA	
TION I-Establishing Site Information- (Enter acres for each zone)			runninger /	1×32
s Tract: 0.72 dplain: 0.00 lously Dedicated Land: 0.00 Tract (NTA): 0.72 0.00				to the second se
Number 061-05 Revisio erty Description or Subdivision Name: Washington Overlook Lot 10A s site subject to the 1989 Ordinance?(Y/N) N	DIN # 0 CONCRETE DRIVEWAY CONCRETE DRIVEWAY TREE WELL	Sile Sile Sile Sile Sile Sile Sile Sile	PROPOSED ADDITIONAL PARKING AREA WITH 14 \$PACES, WHEEL STOPS, STRIPING	468
s one (1) single family lot? (Y,N) N here prior TCP approvals which include a Y bination of this lot/s? (Y,N) y portion of the property in a WC Bank? N		0° 22.00 19.00°	AND SIDEWALK TO MATCH EXISTING PAVEMENT GRADES. SEE DETAILS ON THIS SHEET, FØR	462
K-even Point (preservation) = 0.20 acres ring permitted w/o reforestion= 0.06 acres 'ION II-Determining Requirements (Enter acres for each corresponding column)		(6) [9,5'(TYP.)	PAVEMENT JOINT AND SECTION.	100 170 172
Column A Column B Column WCT/AFT % Net Tract Floodpl (1:1)	lain Off-Site 8	E3 THE		
Iland Conservation Threshold (WCT) = 25.00% 0.18 ler of 13 or 14 0.18 Iland above WCT 0.08		3 is is more all it		
and cleared above WCT (smaller of 16 or 17) 0.00 ng above WCT (0.25 : 1) replacement requirement 0.00 and cleared below WCT 0.00		C. C		
ing below WCT (2:1 replacement requirement) 0.00 station Required Threshold (AFT) = 20.00% 0.00 e WCA being provided on this property 0.14 land Conservation Required 0.32 acres		E \ \	$\mathbb{A} \subseteq \mathbb{A} \subseteq $	
ON III-Meeting the Requirements (Enter acres for each corresponging column) land Preservation 0.12 station / Reforestation 0.00	ount: \$ -	European the second sec		
Image: Constraint of the second sec				
et Tree Credit (Existing or 10-year canopy coverage) 0.00 a approved for fee-in-lieu/PFA 0.00 Fee amount a approved for fee-in-lieu/non-PFA 0.06 Fee amount site Woodland Conservation Credits Required 0.00				
ite WCA (preservation) being provided on this property 0.14 ite WCA (afforestation) being provided on this property 0.00 dland Conservation Provided 0.32				
of woodland not cleared 0.26 acres tract woodland retained not part of requirements: 0.14 acres floodplain woodland retained 0.00 acres site woodland conservation provided 0.12 acres		GRAPHIC SCALE		Property Owners Awareness Certificate
ite woodland retained not credited 0.14 acres	3 Alah		120 I/ We Chuchies	Unbount Corp. hereby acknowledge that we are aware of this
signed Date Date	י WORKSHEETS ARE FOR LOTS :	(IN FEET) 1 inch = 30 ft.	Tree Conservation Plan	(TCP2) and that we understand the requirements as set forth in this TCP2. $\frac{4}{20}$
8, 9, 10 BLOCK A AND 14 BLOCK B.			Owner or Owners Repr I/ We Tree Conservation Plan	bereby acknowledge that we are aware of this T (TCP2) and that we understand the requirements as set forth in this TCP2.
	WNER/DEVELOPER		Contract Purchaser	(TCP2) and that we understand the requirements as set forth in this TCP2.
W	HURCHILL GROUP /ILLIAM J. WOGATSKE CHOKE CHERRY ROAD			

MISS UTILITY FOR LOCATION OF UTILITIES CALL 1-800-257-7777 48 HOURS IN ADVANCE OF ANY WORK IN THE VICINITY ROCKVILLE, MD 20850 (240) 243–1000



STANDARD TYPE II TREE CONSERVATION PLAN NOTES:

1. This plan is submitted to fulfill the woodland conservation requirements for <u>a grading permit</u> If "this grading permit" expires, then this TCP2 also expires and is no longer valid.

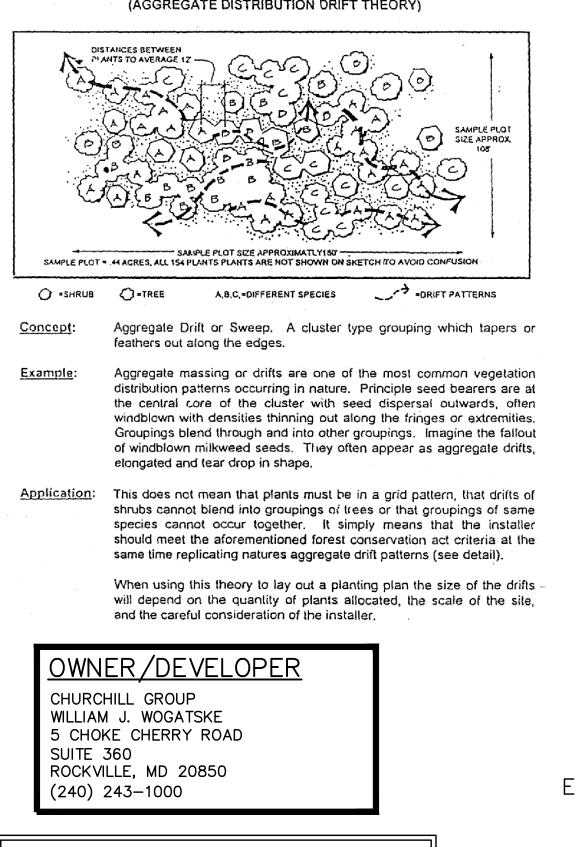
- 2. Cutting or clearing of woodland not in conformance with this plan or without the expressed written whichever is longer. consent of the Planning Director or designee shall be subject to a \$9.00 per square foot mitigation b. The planning of afforestation areas shall be completed prior to the issuance of recordation of the off-site conservation shall be provided to the M-NCPPC, Planning
- 3. A pre-construction meeting is required prior to the issuance of grading permits. The Department of from November through May only. No planting shall be done while ground is frozen. Planting Public Works and Transportation or the Department of Environmental Resources, as appropriate, with larger caliper stock or containerized stock may be done at any time provided a detailed shall be contacted prior to the start of any work on the site to conduct a pre-construction meeting maintenance schedule is provided. where implementation of woodland conservation measures shown on this plan will be discussed in c. If planting cannot occur due to planting conditions, the developer or property owner shall
- 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.
- 5. The owners of the property subject to this tree conservation plan are solely responsible for conformance to the requirements contained herein.
- 6. The property is within the *Developing* Tier and is zoned R-E.
- 7. The site is not adjacent to a roadway designated as scenic, historic, a parkway or a scenic byway.
- 8. The site is not adjacent to a roadway classified as arterial or greater.
- 9. This plan is grandfathered under CB-27-2010, Section 25-117 (g).

Removal of Hazardous Trees or Limbs by Developers or Builders

TREE PRESERVATION AND RETENTION NOTES: Tree Preservation and Retention Notes

- a. 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 TCP2.
- b. Tree and woodland conservation methods such as root pruning shall be conducted as noted on this plan.
- c. 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.
- 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 the project. Failure to install and maintain temporary or permanent tree protective devices is a violation of this TCP2.
- e. 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.
- f. 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.
- g. 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
- using a chain saw. 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 shovel. It is important that the seedling be placed in the hole so that the roots can spread shovel. It is important that the seedling be placed in the hole so that the roots can spread shovel. It is important that the seedling be placed in the hole so that the roots can spread shovel. It is important that the seedling be placed in the hole so that the roots can spread shovel. the tree be cut by chainsaw to near the existing ground level. The stump shall not be removed or out naturally; they should not be twisted, balled up or bent. Moist soil should then be covered with soil, mulch or other materials that would inhibit sprouting.
- i. 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 the portion of the tree in question has a potential must be contacted and give his approval before planting may begin. to fall and strike a structure, parking area, or other high use area and may result in personal injury 7. Spacing: See Plant Schedule and/or Planting Plan for spacing requirements. Also refer to 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 a Licensed Expert may proceed without further authorization. The pruning must be done in accordance with will be tested and recommended for corrections of soil texture, pH, magnesium, 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 recommendations made by the testing company. 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 12. Mulching: Apply two-inch thick layer of woodchip or shredded hardwood mulch (as noted)
- 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. If development is proposed to be completed in phases:
- . Work on this project will be initiated in several phases. All temporary TPFs required for a given phase shall be installed prior to any disturbance within that phase of work.
- If existing trees are proposed for use as protection for preservation areas: k. Tree protection fencing (TPFs) is not required for all or portions of this plan because an
- undisturbed 100-foot buffer of open land /or a 50-foot forested buffer is being maintained between the limit of disturbance (LOD) and the woodland preservation areas. If the LOD changes and the change impacts these buffers, the county inspector shall be contacted to evaluate the change to determine if a revision to the tree conservation plan is necessary or if installation of TPFs will be reauired.
- If debris piles are noted on the FSD and located in preservation areas:
- mechanical equipment within the preservation area. Chains may be used to pull debris out of the used to reach those areas. preservation areas. Caution must be used not to damage remaining vegetation.





MISS UTILITY

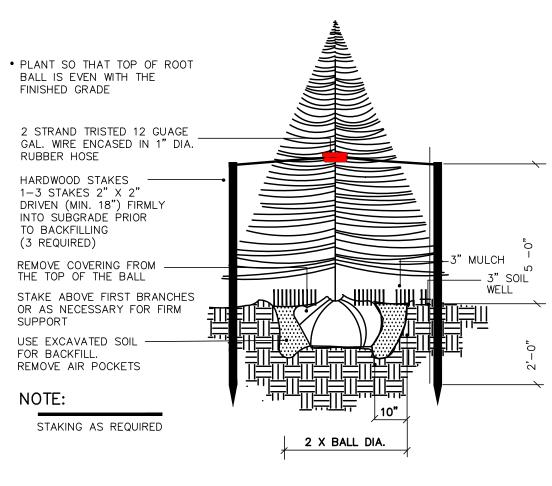
FOR LOCATION OF UTILITIES CALL 1-800-257-7777

48 HOURS IN ADVANCE OF ANY WORK IN THE VICINITY

a. 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,

AFFORESTATION/REFORESTATION NOTES

- the first building permit. (This standard note may be modified as necessary to address which Department prior to issuance of any permit for the associated plan. building permits are adjacent to the proposed planting area.) Seedling planting is to occur 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 d. Reforestation areas shall not be mowed. The management of competing vegetation around individual trees and the removal of noxious, invasive, and non-native vegetation within the
- reforestation areas is acceptable e. 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. f. 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. g. The county inspector shall be notified prior to soil preparation or initiation of any tree planting on this site. h. At time of issuance of the first permit, the following information shall be submitted to 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 free planting shall be reported to the M-NCPPC, Planning Department. i. Failure to establish the afforestation or reforestation within the prescribed time frame will result in the 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 level) shall be at least 3/8". The roots shall be well developed and at least 8" long, No more than twenty -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 green house, 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 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. 5. 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 the soil is 6. Seedling Planting: Tree seedlings shall be hand planted using a dibble bar or sharp-shooter 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 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
 - impany of choice shall make recommendations for improving the existing soil. The soil 9. Soil Improvement Measures: the soil shall then be improved according to the
 - 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.
 - to each plating site (see detail shown on this plan). 13. Groundcover Establishment: the remaining disturbed area between seedling 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: state name, address, and phone number of nursery or supplier. When areas designated for reforestation will be reforested by natural regeneration the following notes shall be added to the plan:
 - Natural Regeneration Notes All areas designated for reforestation shall be reforested by natural regeneration. The following requirements and conditions apply: . All existing turf, ground covers, and invasive species shall be exterminated using a general broadcast herbicide such as "Round-Up" or equivalent. Secondary applications shall be
 - applied as necessary. 2. Care shall be taken to avoid spraying any hardwood seedlings or saplings. 3. Roto-tilling of turf areas and manual removal of invasive vines shall be completed two weeks after chemical treatments are completed.
- 4. Reforestation signs shall be installed every fifty feet or as appropriate and two strand wire I. Debris piles shown in woodland preservation areas shall be removed by hand without the use of E Defension areas for the use of E Defension areas adjacent to any reforestation areas. 5. Reforestation internal to the site shall be posted as required in the direction of any trails 6. Natural regeneration shall be encouraged by semi-annual maintenance of the designated
 - areas. The maintenance shall, at a minimum, require removal of competitive and invasive species from the desired indigenous hardwoods. This maintenance shall occur for a period of two years. 7. After one and two years all desirable seedlings and saplings shall be counted and flagged with surveyors tape in the late fall.
 - 8. If after two years there is less than one seedling per 60 square feet and there are indications that natural regeneration is not occurring adequately then the owners shall plant those areas with container grown seedlings at a rate of one per 60 square feet. Only naturally occurring species already present within the site shall be used.
 - A Four-Year Management Plan for Re/Afforestation shall be added to the plan as follows: Four-Year Management Plan for Re/Afforestion Areas Field check the re-afforestation area according to the following schedule: Year 1: Site preparation and Tree Planting
 - Survival check once annually (September-November) see Note 1) Watering is needed (2 x month) Control of undesirable vegetation as needed (1 x in June and 1 x in September
 - Year 2-3: Reinforcement planting is needed (See Note 2) Survival check once annually (September-November)
 - Control of undesirable vegetation if needed (1 x in May and 1 x in August min.) Year 4: Reinforcement planting if needed. (See Note 2) Survival check (September -November)
 - 1. Survival Check: Check planted stock against plant list (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
 - 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.



EVERGREEN TREE PLANTING - VERTICAL STAKES SCALE: NOT TO SCALE

- preservation area:
- on the plan. POST DEVELOPMENT NOTES
 - grinding of the stumps in the woodland conservation area is not permitted.
- thus encouraging decomposition.
- Protection of Reforestation and Afforestation Areas by Individual Homeowners
- Type 2 Tree Conservation Plan.

OFFSITE WOODLAND CONSERVATION NOTES:

When Virginia pines are present within 40 feet of the limits of disturbance in a

Prior to the 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

When the use of fee-in-lieu is proposed:

All required fee-in-lieu payments shall be made to the Woodland Conservation Fund. Proof of deposit shall be provided prior to issuance of any permits related to this TCP2 unless the project is phased. Phased projects shall pay the fee-in-lieu amount for each phase prior to the issuance of any permit for that phase and shown in the fee-in-lieu breakdown on this TCP2.

a. The subject property contains Virginia pines (Pinus virginiana) that are subject to wind throw. All Virginia pines greater than 6 inches in diameter within 40 feet of the final proposed limit of disturbance or the boundary of the property shall be cut down by hand during the clearing of the

After the Virginia pines have been removed, the contractor responsible for implementation of this TCP2 shall submit an evaluation of the stocking levels for the residual stand, management techniques to be applied to the residual stand, and supplemental planting requirements to the M-NCPPC Planning Department. This evaluation shall be submitted prior to the issuance of the first building permit to ensure that all high risk trees have been removed. A planting schedule and/or details for the management of natural regeneration to fully restock the site must be shown

When woodlands and/or specimen, historic or champion trees are to remain: a. 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

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.

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.

b. 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 chain saw). 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,

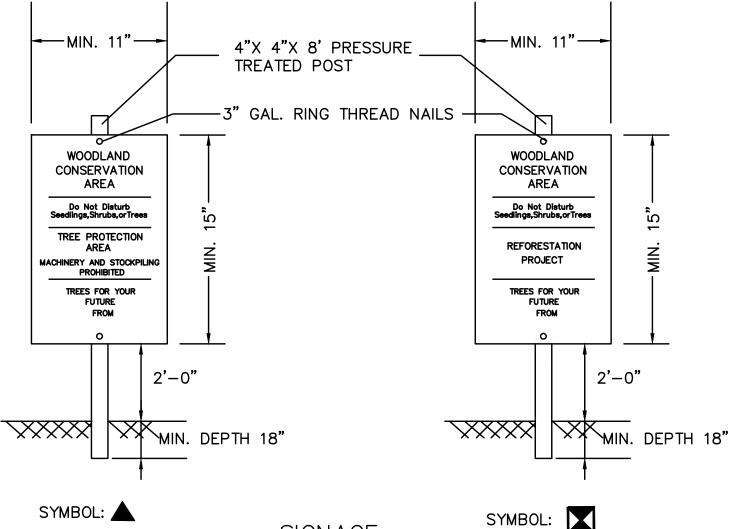
c. The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to discourage re-sprouting of invasive, noxious, or non-native plants is permitted if done as an application of the chemical directly to the cut stump immediately following cutting of plant tops. The use of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

d. 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.

e. Reforestation fencing and signage shall remain in place in accordance with the approved

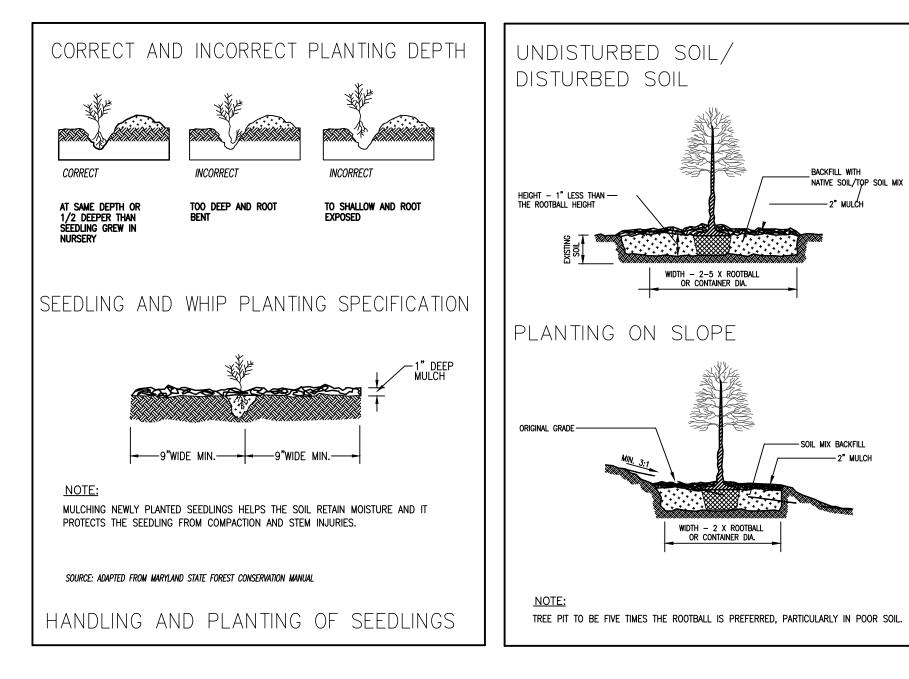
f. Reforestation areas shall not be mowed; however, the management of competing vegetation and removal of noxious, invasive, and non-native vegetation around individual trees is acceptable.

WOODLAND CONSERVATION SIGN AFFORESTATION/REFORESTATION SIGN



SIGNAGE

Woodland Conservation Worksheet for Prince George's County Zone: Gross Tract: 5,33 Floodplain: Previously Dedicated Land: 0.00 97.07 0.00 0.00 Net Tract (NTA): nclude acreage in the corresponding columns for each zone. TCPII-061-05-05 WASHINGTON OVERLOOK Property Description or Subdivision Name: Is this site subject to the 1989 Ordinance? Ν **Reforesation Requirement Reduction Questions** Is this one (1) single family lot? (y,n) Are there prior TCP approvals which include a N combinationof this lot and/or other lots. (y,n) Is this a Mitigation Bank Break-even Point (preservation) = 32.36 acres Clearing permitted w/o reforestion= 32.39 acres Off-site Net Tract Floodplain Impacts Voodland Conservation Calculations: (acres) (acres) (acres) Existing Woodland 64.75 5.14 Woodland Conservation Threshold (NTA) = 25.00% 24.27 Smaller of a or b 40.48 Woodland above WCT 36.63 1.00 0.36 Voodland cleared 36.63 Smaller of d or e Clearing above WCT (0.25 : 1) replacement requirement Clearing below WCT (2:1 replacement requirement) Afforestation Threshold (AFT) = 20.00% Off-site Mitigation being provided on this property Woodland Conservation Required Woodland Conservation Provided: (acres) Voodland Preservation 24.7 9.49 Afforestation / Reforestation Previously area approved for fee-in-lieu 0.50 \$6,534.0 0.24 \$3,136.32 Area approved for fee-in-lieu with current revision 0.00 Credits for Off-site Mitigation on another property Off-site Mitigation being provided on this property 0.00 Total Woodland Conservation Provided 35.01 Area of woodland not cleared 28.12 acres Woodland retained not part of requirements: 3.34 acres Prepared by: Date



REFORESTATION/AFFORESTATION PLANTING SCHEDULE (ARE							
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTA EQ			
Acer rubrum	Red Maple	80	13				
Liriodendron tulipifera	Tulip Poplar	80	13				
llex opaca	American Holly	80	13				
Fagus grandifolia	American Beech	80	13				
Franxinus pennsylvanica	Green Ash	80	14				
Cornus florida	Dogwood	80	14				
TOTAL		480	80				
REFORESTATION/AFF.	CREDIT AREAS	0.48	0.16				
TOTAL REFORESTATION/AFF. ACRES = 0.64 AC.							

REFOREST	ATION/AFFOREST	ATION PLAN	ITING SCHEDULE	E (ARE
BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTA
BOTANICAL NAME		QUANTITY	T CAL STOOK	EG
Acer rubrum	Red Maple	5	1	
Liriodendron tulipifera	Tulip Poplar	4	1	
llex opaca	American Holly	5	1	
Fagus grandifolia	American Beech	5	1	
Franxinus pennsylvanica	Green Ash	4	1	
Cornus florida	Dogwood	5	1	
TOTAL		28	6	
REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012	

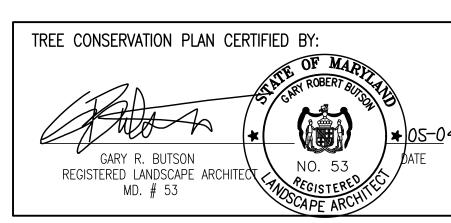
REFORESTATION	VAFF. PLANTING ∜	SCHEDULE IN	SIDE THE FLOO	DPLAIN
BOTANICAL NAME		SEEDLING	1" CAL. STOCK	ΤΟΤΑ
	COMMON NAME QUANTIT		I CAL STOOR	EQ
Acer rubrum	Red Maple	4	1	
Liriodendron tulipifera	Tulip Poplar	2	0	
llex opaca	American Holly	3	0	
Fagus grandifolia	American Beech	2	0	
Franxinus pennsylvanica	Green Ash	2	1	
Taxodium distichum	Bald Cypress	7	3	
TOTAL		20	5	

SEEDLING AND STOCK PLANTED IN RANDOM DISTRIBUTION PATTERN						
REFORESTATION/AFF. PLANTING SCHEDULE INSIDE THE FLOODPL/						
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTA EQ		
Acer rubrum	Red Maple	4	1			
Liriodendron tulipifera	Tulip Poplar	4	1			
llex opaca	American Holly	4	1			
Fagus grandifolia	American Beech	4	0			
Franxinus pennsylvanica	Green Ash	4	1			
Taxodium distichum	Bald Cypress	8	2			
TOTAL		28	6			
REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012			

REFOREST	TATION/AFFOREST	ATION PLA	NTING SCHEDULI	E (ARE
BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTA
DO TANICAL NAME		QUANTITY	T CAL STOOR	EG
Acer rubrum	Red Maple	105	14	
Liriodendron tulipifera	Tulip Poplar	106	14	
llex opaca	American Holly	105	14	
Fagus grandifolia	American Beech	106	14	
Franxinus pennsylvanica	Green Ash	105	14	
Cornus florida	Dogwood	105	14	
TOTAL		632	84	
REFORESTATION/AFF.	CREDIT AREAS	0.632	0.168	

AREAS ADJACE	DCATION FOR 1" S ⁻ NT TO DISTURBED	FOCK ALONG OR OPEN AF	PERIMETER OF REAS.		AREAS ADJACE	OCATION FOR 1" S NT TO DISTURBED	TOCK ALONO	G PERIMETER O REAS.	DITED AT 500 PER F AFFORESTATION
				· · · · · · · · · · · · · · · · · · ·		ATION/AFFOREST	÷		
REFOREST BOTANICAL NAME	COMMON NAME			TOTAL SEEDLINGS	BOTANICAL NAME	COMMON NAME			
Acer rubrum	Red Maple	QUANTITY 5	1	EQUIVALENCY 6	Acer rubrum	Red Maple	22	5	27
Liriodendron tulipifera	Tulip Poplar	4	1	5	Liriodendron tulipifera	Tulip Poplar	21	5	26
llex opaca	American Holly	5	1	6	llex opaca	American Holly	22	5	27
Fagus grandifolia	American Beech	5	1	6	Fagus grandifolia	American Beech	22	5	27
Franxinus pennsylvanica	Green Ash	4	1	5	Franxinus pennsylvanica		21	5	26
Cornus florida	Dogwood	5	1	6	Cornus florida	Dogwood	22	5	27
		28	6	34	TOTAL REFORESTATION/AFF.		130 0.13	30 0.06	160 0.19
REFORESTATION/AFF.		0.028	0.012	0.04	REFORESTATION/AFF.		0.13	0.00	0.19
TOTAL REFORESTATIC NOTE: SEEDLINGS CRI	EDITED AT 1000 PE	ER ACRE AND			TOTAL REFORESTATION	DITED AT 1000 PE	R ACRE AND		
	OCATION FOR 1" S ENT TO DISTURBED			AFFORESTATION		NT TO DISTURBED			AFFORESTATION
				TTERN (SEE DETAIL)					TTERN (SEE DETAIL
	VAFF. PLANTING S								
		SEEDLING		TOTAL SEEDLINGS	REF	ORESTATION/AFF.		CHEDULE (AREA	
BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	EQUIVALENCY	BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS
Acer rubrum	Red Maple	4	1	5	A		QUANTITY		EQUIVALENCY
	Tulip Poplar	2	0	2	Acer rubrum	Red Maple	18 18	2	20 20
llex opaca	American Holly	3	0	3	Liriodendron tulipifera Ilex opaca	Tulip Poplar American Holly	10	2	19
Fagus grandifolia	American Beech	2	0	2	Fagus grandifolia	American Beech	18	2	20
Franxinus pennsylvanica	Green Ash	2	1	3			17	2	19
Taxodium distichum	Bald Cypress	7	3	10	Taxodium distichum	Bald Cypress	18	2	20
TOTAL		20	5	25	TOTAL		106	12	118
REFORESTATION/AFF.	CREDIT AREAS	0.02	0.01	0.03	REFORESTATION/AFF.	CREDIT AREAS	0.106	0.024	0.13
		00.4.0							
TOTAL REFORESTATION					TOTAL REFORESTATION	V/AFF. ACRES = 0.	13 AC.		
	CATION FOR 1" ST				NOTE: SEEDLINGS CRE				
	NT TO DISTURBED			AFFORESTATION		DCATION FOR 1" ST			AFFORESTATION
				TERN (SEE DETAIL)		NT TO DISTURBED			
				,		STOCK PLANTED I	N RANDOM D	ISTRIBUTION PA	ITERN (SEE DETAIL)
REFORESTATIO	N/AFF. PLANTING		SIDE THE FLOO	. ,	REF	ORESTATION/AFF.	PLANTING S		#11)
BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS			SEEDLING	,	TOTAL SEEDLINGS
		QUANTITY		EQUIVALENCY	BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	EQUIVALENCY
Acer rubrum	Red Maple	4	1	<u> </u>	Acer rubrum	Red Maple	4	1	5
Liriodendron tulipifera Ilex opaca	Tulip Poplar American Holly	4	1	5	Liriodendron tulipifera	Tulip Poplar	4	1	5
Fagus grandifolia	American Beech	4	0	4	llex opaca	American Holly	4	1	5
Franxinus pennsylvanica		4	1	5	Fagus grandifolia	American Beech	4	0	4
Taxodium distichum	Bald Cypress	8	2	10	Franxinus pennsylvanica	Green Ash	4	1	5
TOTAL		28	6	34	Taxodium distichum	Bald Cypress	8	2	10
REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012	0.04			28	6	34
					REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012	0.04
TOTAL REFORESTATION	V/AFF. ACRES = 0.	04 AC.			TOTAL REFORESTATIO	VAEE ACRES - 0	04.40		
NOTE: SEEDLINGS CRE					NOTE: SEEDLINGS CRE			1" STOCK CRED	ITED AT 500 PER
	DCATION FOR 1" ST			AFFORESTATION		DCATION FOR 1" S			
	NT TO DISTURBED					NT TO DISTURBED			
	STOCK PLANTED II	N RANDOM D	ISTRIBUTION PAT	TERN (SEE DETAIL)					TTERN (SEE DETAIL)
REFORES	TATION/AFFOREST	TATION PLA	NTING SCHEDUL	E (AREA #6)]				
BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS		ORESTATION/AFF.			
		QUANTITY		EQUIVALENCY	BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS
Acer rubrum	Red Maple	105	14	119	Acer rubrum	Red Maple	QUANTITY 4	1	EQUIVALENCY 5
Liriodendron tulipifera	Tulip Poplar	106	14	120	Liriodendron tulipifera	Tulip Poplar	3	1	4
llex opaca	American Holly	105 106	14 14	119	llex opaca	American Holly	3	1	4
Fagus grandifolia Franxinus pennsylvanica	American Beech	106	14	120 119	Fagus grandifolia	American Beech	3	1	4
Cornus florida	Dogwood	105	14	119	Franxinus pennsylvanica		3	1	4
TOTAL		632	84	716	Taxodium distichum	Bald Cypress	8	3	11
REFORESTATION/AFF.	CREDITAREAS	0.632	0.168	0.8	TOTAL		24	8	32
		0.002	0.100	0.0	REFORESTATION/AFF.	CREDIT AREAS	0.024	0.016	0.04
AREAS ADJACE	EDITED AT 1000 PE DCATION FOR 1" S ⁻ NT TO DISTURBED	R ACRE AND TOCK ALONG OR OPEN AF	PERIMETER OF REAS.				R ACRE AND TOCK ALONG	PERIMETER OF	
				· · ·	SEEDLING AND	STOCK PLANTED I	N RANDOM D	ISTRIBUTION PA	TTERN (SEE DETAIL)
	ATION/AFFOREST	SEEDLING		TOTAL SEEDLINGS	RFF	ORESTATION/AFF.			(#13)
BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	EQUIVALENCY			SEEDLING		TOTAL SEEDLINGS
Acer rubrum	Red Maple	810	96	906	BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	EQUIVALENCY
Liriodendron tulipifera	Tulip Poplar	815	96	911	Acer rubrum	Red Maple	4	1	5
llex opaca	American Holly	815	96	911	Liriodendron tulipifera	Tulip Poplar	2	0	2
Quercus palustris	Pin Oak	815	94	909	llex opaca	American Holly	3	0	3
Fagus grandifolia	American Beech	815	96	911	Fagus grandifolia	American Beech	2	0	2
Franxinus pennsylvanica		815	93	908		Green Ash	2	1	3
Cornus florida	Dogwood	815	96	911	Taxodium distichum	Bald Cypress	7	3	10
TOTAL		5700	667	6367			20	5	25
AFFORESTATION/REF.	CREDIT AREAS	5.7	1.334	7.034	REFORESTATION/AFF.	UKEDI AKEAS	0.02	0.01	0.03
		02 4 0			TOTAL REFORESTATION	VAFF. ACRES = 0	03 AC.		
		R ACRE AND FOCK ALONG	PERIMETER OF		NOTE: SEEDLINGS CRE AC. PRIORITY LC AREAS ADJACE	DITED AT 1000 PE DCATION FOR 1" ST NT TO DISTURBED	R ACRE AND FOCK ALONG OR OPEN AF	PERIMETER OF REAS.	

SEEDLING AND STOCK PLANTED IN RANDOM DISTRIBUTION PATTERN (SEE DETAIL)



Revised 9/1/04

	REFOREST	ATION/AFFORES	TATION PLA	NTING SCHEDUL	E (AREA #8)
#1)					
SEEDLINGS	BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	
VALENCY	Acer rubrum	Red Maple	75	8	83
93		•			
93	Liriodendron tulipifera	Tulip Poplar	75	7	82
93	llex opaca	American Holly	75	8	83
93	Fagus grandifolia	American Beech	75	7	82
94	Franxinus pennsylvanica	Green Ash	75	7	82
94	Cornus florida	Dogwood	75	8	83
560	TOTAL		450	45	495
	AFFORESTATION CRED		0.45	0.09	0.54
0.64			0.10	0.00	0.01
	TOTAL REFORESTATIO				
500 PER	NOTE: SEEDLINGS CRE				
STATION					- AFFORESTATION
		NT TO DISTURBED			
EE DETAIL)	SEEDLING AND	STOCK PLANTED	IN RANDOM I	DISTRIBUTION PA	ATTERN (SEE DETAI
	PEEOPEST	ATION/AFFOREST			
#2)	REFOREST	ATION/AFFOREST	SEEDLING		
SEEDLINGS	BOTANICAL NAME	COMMON NAME		1" CAL. STOCK	
IVALENCY			QUANTITY		EQUIVALENCY
6	Acer rubrum	Red Maple	22	5	27
5	Liriodendron tulipifera	Tulip Poplar	21	5	26
6	llex opaca	American Holly	22	5	27
6	Fagus grandifolia	American Beech	22	5	27
5	Franxinus pennsylvanica	Green Ash	21	5	26
6	Cornus florida	Dogwood	22	5	27
	TOTAL	Dogwood	130	30	160
34					
0.04	REFORESTATION/AFF.	JREDITAREAS	0.13	0.06	0.19
	TOTAL REFORESTATION				
500 PER	NOTE: SEEDLINGS CRE				
ESTATION	AC. PRIORITY LC	CATION FOR 1" S	FOCK ALONG	PERIMETER OF	AFFORESTATION
	AREAS ADJACEN	NT TO DISTURBED	OR OPEN AF	REAS.	
SEE DETAIL)	SEEDLING AND S	STOCK PLANTED I	N RANDOM E	DISTRIBUTION PA	TTERN (SEE DETAIL
AREA #4)					
SEEDLINGS	REFC	DRESTATION/AFF.	PLANTING S	CHEDULE (AREA	. #10)
	BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS
	BOTANICAL NAME		QUANTITY	I CAL STOOR	EQUIVALENCY
5	Acer rubrum	Red Maple	18	2	20
2	Liriodendron tulipifera	Tulip Poplar	18	2	20
3		American Holly	17	2	19
2	•	American Beech	18	2	20
3	Franxinus pennsylvanica		17	2	19
10	Taxodium distichum	Bald Cypress	17	2	20
25		Daid Cypiess		12	118
0.03	TOTAL		106		
	REFORESTATION/AFF. (CREDIT AREAS	0.106	0.024	0.13
500 PER	TOTAL REFORESTATION				
STATION	NOTE: SEEDLINGS CRE				
		CATION FOR 1" ST			AFFORESTATION
EE DETAIL)		IT TO DISTURBED			
	SEEDLING AND S	STOCK PLANTED IN	N RANDOM D	IS TRIBUTION PAT	TERN (SEE DETAIL)
AREA #5)	DEEC	DRESTATION/AFF.			#11)
SEEDLINGS	KEFC	REGIATION/AFF.	SEEDLING S		TOTAL SEEDLINGS
VALENCY	BOTANICAL NAME	COMMON NAME		1" CAL. STOCK	
5		De el Marria	QUANTITY	4	EQUIVALENCY
5	Acer rubrum	Red Maple	4	1	5
5	Liriodendron tulipifera	Tulip Poplar	4	1	5
4		American Holly	4	1	5
5	0 0	American Beech	4	0	4
10	Franxinus pennsylvanica	Green Ash	4	1	5
	Taxodium distichum	Bald Cypress	8	2	10
- 2/1			28	6	34
34	TOTAL		20		
34 0.04	TOTAL REFORESTATION/AFF. (CREDIT AREAS	0.028	0.012	0.04
		CREDIT AREAS		0.012	0.04
0.04	REFORESTATION/AFF. C		0.028	0.012	0.04
0.04 500 PER	REFORESTATION/AFF. C	VAFF. ACRES = 0.	0.028 04 AC.		
0.04 500 PER	REFORESTATION/AFF. C TOTAL REFORESTATION NOTE: SEEDLINGS CRE	VAFF. ACRES = 0. DITED AT 1000 PEI	0.028 04 AC. R ACRE AND	1" STOCK CRED	TED AT 500 PER
0.04 500 PER	REFORESTATION/AFF. C TOTAL REFORESTATION NOTE: SEEDLINGS CRE AC. PRIORITY LC	VAFF. ACRES = 0. DITED AT 1000 PEI CATION FOR 1" ST	0.028 04 AC. R ACRE AND TOCK ALONG	1" STOCK CRED PERIMETER OF	TED AT 500 PER
0.04 500 PER STATION	REFORESTATION/AFF. C TOTAL REFORESTATION NOTE: SEEDLINGS CRE AC. PRIORITY LC AREAS ADJACEN	VAFF. ACRES = 0. DITED AT 1000 PEI CATION FOR 1" ST NT TO DISTURBED	0.028 04 AC. R ACRE AND OCK ALONG OR OPEN AF	1" STOCK CRED PERIMETER OF EAS.	TED AT 500 PER AFFORESTATION
0.04 500 PER STATION EE DETAIL)	REFORESTATION/AFF. C TOTAL REFORESTATION NOTE: SEEDLINGS CRE AC. PRIORITY LC AREAS ADJACEN	VAFF. ACRES = 0. DITED AT 1000 PEI CATION FOR 1" ST NT TO DISTURBED	0.028 04 AC. R ACRE AND OCK ALONG OR OPEN AF	1" STOCK CRED PERIMETER OF EAS.	TED AT 500 PER
0.04 500 PER STATION EE DETAIL) SEE DETAIL) #6)	REFORESTATION/AFF. C TOTAL REFORESTATION NOTE: SEEDLINGS CRE AC. PRIORITY LO AREAS ADJACEN SEEDLING AND S	VAFF. ACRES = 0. DITED AT 1000 PEI CATION FOR 1" ST JT TO DISTURBED STOCK PLANTED I	0.028 04 AC. R ACRE AND OCK ALONG OR OPEN AF N RANDOM D	1" STOCK CRED PERIMETER OF REAS. ISTRIBUTION PAT	TED AT 500 PER AFFORESTATION TERN (SEE DETAIL)
	REFORESTATION/AFF. C TOTAL REFORESTATION NOTE: SEEDLINGS CRE AC. PRIORITY LO AREAS ADJACEN SEEDLING AND S	VAFF. ACRES = 0. DITED AT 1000 PEI CATION FOR 1" ST NT TO DISTURBED	0.028 04 AC. R ACRE AND OCK ALONG OR OPEN AR N RANDOM D PLANTING S	1" STOCK CRED PERIMETER OF REAS. ISTRIBUTION PAT	TED AT 500 PER AFFORESTATION TERN (SEE DETAIL) A #12)

REFORESTATION/AFFORESTATION PLANTING SCHEDULES

Test: MSMT 509

Test: MSMT 322

MARYLAND DEPARTMENT OF ENVIRONME

SUPER SILT FENCE-

10' MAXIMUM

16" MIN. 1ST LAYER D

FILTER CLOTH

MINIMUN

118118118

STANDARD SYMBOL

TEMPORARY TREE PROTECTION FENCING

Fencing shall be 42" in height and constructed in accordance with the

for a 6' fence shall be used, substituting 42" fabric and 6' length

4. Filter cloth shall be embedded a minimum of 8" into the ground.

develop in the silt fence, or when silt reaches 50% of fence height

75% (min.)

atest Maryland State Highway Details for Chain Link Fencing. The specification

. Chain link fence shall be fastened securely to the fence posts with wire ties

The lower tension wire, brace and truss rods, drive anchors and post caps are not

. Filter cloth shall be fastened securely to the chain link fence with ties spaced

5. When two sections of filter cloth adioin each other, they shall be overlapped

7. Filter cloth shall be fastened securely to each fence post with wire ties or

PAGE

staples at top and mid section and shall meet the following requirements for

20 lbs/in (min.)

5. Maintenance shall be performed as needed and silt buildups removed when "bulges"

0.3 gal/ft ¹/minute (max.) Test: MSMT 322

IL CONSERVATION SERVICE WATER MANAGEMERST-ADMINISTRATION

NOTE: FENCE POST SPACING SHALL NOT EXCEED 10' CENTER TO CENTER

BACKFILL WITH

- 2" MULCH

NATIVE SOIL/TOP SOIL MIX

11&11&11&11&1

21/2" DIAMETE

GALVANIZED DR ALUMINUM

GROUND SURFACE

CHAIN LINK FENCING

FLOW _____ FILTER CLOTH-

MINIMUM INTO GROUND *IF MULTIPLE LAYERS ARE

REQUIRED TO ATTAIN

posts.

by 6" and folded.

Geotextile Class F:

Tensile Strength

Filtering Efficiency

Tensile Modulus

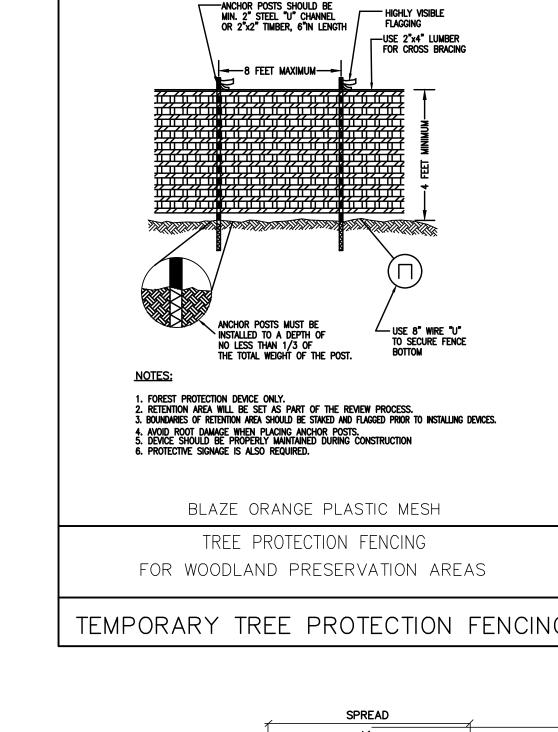
U.S. DEPARTMENT OF AGRICULTURE

Flow Rate

EMBED FILTER CLOTH 8'

required except on the ends of the fence.

every 24" at the top and mid section.



PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE 2 STRAND TRISTED 12 GUAGE GAL. WIRE ENCASED IN 1" DIA. RUBBER HOSE -----2" X 2" HARDWOOD STAKES -DRIVEN (MIN. 18") FIRMLY INTO SUBGRADE PRIOR TO BACKFILLING (3 REQUIRED) REMOVE COVERING FROM TOP OF THE BALL -STAKE ABOVE FIRST BRANCHES OR AS NECESSARY FOR FIRM SUPPORT USE EXCAVATED SOIL FOR BACKFILI REMOVE AIR POCKETS NOTE: STAKING AS REQUIRED 2 X BALL DIA.

SCALE: NOT TO SCALE

Environmental Planning Section

TCP2-061 - 05

4-19-05

- NOTES:
- 1. POSTS SHALL STAND PLUMB. 2. RAILS SHALL BE HUNG WITH UNIFORM HEIGHT AND SPACING.
- 3. WOOD POSTS AND RAILS SHALL BE WOLMANIZED PINE, GRADE C OR BETTER.

Approved by

Contract Purchaser

J.L STASZ

J.L STASZ

CHUCK SCHNEIDER 5-02-14

CHUCK SCHNEIDER |10-22-14

06 hug Xander 12/26/17

Property Owners Awareness Certificate

KIM FINCH 11-2-15

KIM FINCH 11-2-15

