REE CONSERVATION P. II - PRESERVATION AREAS		
<b>IDENTIFIER #</b>	AREA IN ACRES	
1	0.24	
2	3.26	
3	0.2	
4	0.04	
5	0.14	
6	0.89	
7	0.74	
8	0.1	
9	1.45	
10	0.04	
11	0.97	
12	0.52	
13	4.3	
14	0.28	
15	0.25	
16	3.13	
17	6.56	
18	0.21	
19	0.24	
20	0.15	
21	1.31	
TOTAL	25.02	

TREE CONSERVATION P. II - REFORESTATION AREAS		
<b>IDENTIFIER #</b>	AREA IN ACRES	
1	0.96	
2	0.04	
3	0.02	
4	0.03	
5	0.04	
6	0.8	
7	7.21	
8	0.54	
9	0.11	
10	0.13	
11	0.04	
12	0.04	
13	0.03	
TOTAL	9.99	

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OF-12 SHEET 

CO			IST	SPECIMEN TREE I	,	
	Comments	Condition	DBH (inches)	Species Name	Common Name	Number
	To be saved	Good	39	Linodendron tulipifera	Tulip Poplar	1
	To be removed	Good	34	Liriodendron tulipifera	Tulip Poplar	2
	To be saved	Good	33	Liriodendron tulipifera	Tulip Poplar	3
	To be saved	Good	34	Liriodendron tulipifera	Tulip Poplar	4
	To be saved	Good	30	Plantanus occidentalis	Sycamore	5
	To be removed	Poor	3	Plantanus occidentalis	Sycamore	6
	To be removed	Good	7	Liriodendron tulipifera	Tulip Poplar	7
	To be saved	Good	36	Acer rubrum	Red Maple	8
	To be saved	Good	31	Liriodendron tulipifera	Tulip Poplar	9
	To be saved	Good	31	Liriodendron tulipifera	Tulip Poplar	10
	To be saved	Good	31	Liriodendron tulipifera	Tulip Poplar	11
	Off property	Good	37	Quercus rubra	Northern Red Oak	12
	To be saved	Good	32	Liriodendron tulipifera	Tulip Poplar	13
	To be saved	Good	34	Liriodendron tulipifera	Tulip Poplar	14
	To be saved	Good	61	Fagus sylvatica	Beech	15
	To be saved	Good	35	Liriodendron tulipifera	Tulip Poplar	16
	To be saved	Good	32	Liriodendron tulípifera	Tulip Poplar	17
	To be saved	Good	33	Linodendron tulipifera	Tulip Poplar	18
	To be saved	Good	48	Liquidambar styraciflua	Sweetgum	19
SYMBOL	To be saved	Good	30	Liquidambar styraciflua	Sweetgum	20
AJD AUR/	To be saved	Good	32	Linodendron tulipifera	Tulip Poplar	21
AVE ALRA AND	To be saved	Good	39	Acer rubrum	Red Maple	22
BiB2 BELT	To be saved	Poor	34	Fraxinus americana	White Ash	23
5/52 BELT	To be removed	Good	46	Linodendron tulipifera	Tulip Poplar	24
	To be removed	Good	55	Quercus rubra	Northern Red Oak	25
	To be saved	Good	30	Quercus falcata	Southern Red Oak	26
Bo B CmE3 COLLINGT	To be removed	Good	36	Quercus falcata	Southern Red Oak	27
CmE3 COLLINGT	To be removed	Poor	32	Liriodendron tulipifera	Tulip Poplar	28
KeC2 KEYPOR	To be saved	Good	44	Liriodendron tulipifera	Tulip Poplar	29
KaC2 KEY	To be removed	Good	30	Quercus coccinea	Scarlet Oak	30
0cB 0CHL00	To be removed	Good	50	Quercus falcata	Southern Red Oak	31
	To be removed	Good	31	Liriodendron tulipifera	Tulip Poplar	32
	To be removed	Good	30	Liriodendron tulipifera	Tulip Poplar	33

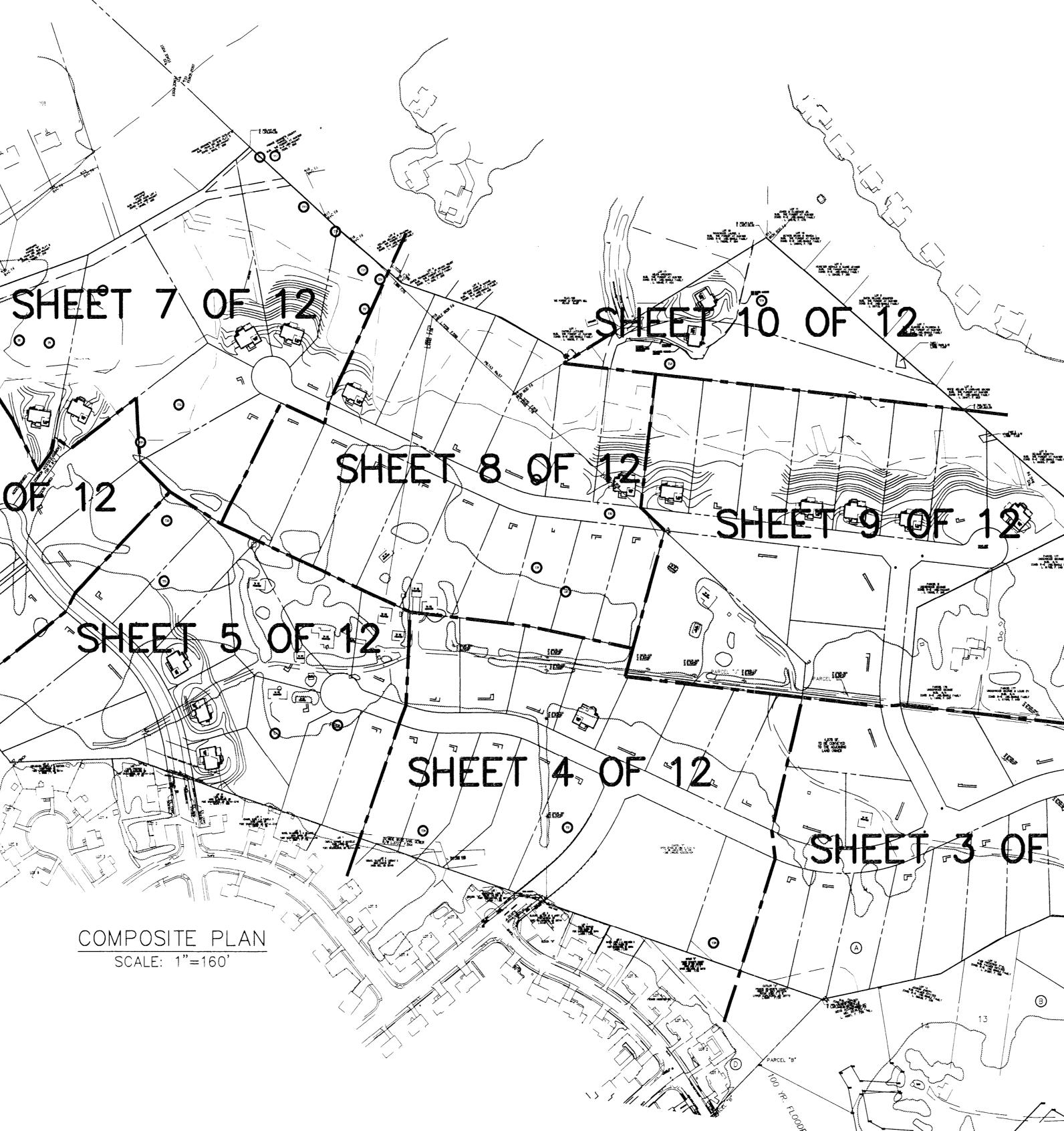
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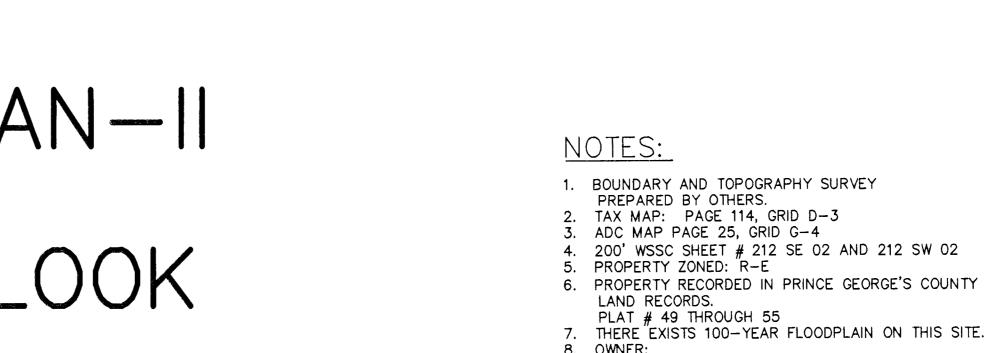
# TREE CONSERVATION PLAN-II FOR THE WASHINGTON OVERLOOK

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



SOIL	SLOPE	ERODABILITY	HYDROLOGIC CLASS/ K-FACTOR	TYDRIC
AURA GRAVELLY LOAM	12% TO 20%	MODERATE	.32	NO
URA AND CROOM GRAVELLY LOAM	20% TO 50%	SEVERE	.37	NO
BELTSVILLE SILT LOAM	2% TO 5%	MODERATE	.49	NO
BELTSVILLE SILT LOAM	5% TO 10%	SEVERE	.49	NO
BELTSVILLE SILT LOAM	10% TO 15%	SEVERE	.49	NO
BIBB SILT LOAM		SEVERE	.43	NO
COLLINGTON FINE SANDY LOAM	5% TO 10%	SEVERE	.28	NЭ
ILKA SANYD LOAM	2% TO 5%	MODERATE	.37	NO
KEYPORT FINE SANDY LOAM	5% TO 10%	MODERATE	.37	NO
KEYPORT SILT LOAM	5% TO 15%	MODERATE	.49	NO
OCHLOCKONEE SANDY LOAM	2% <sup>+</sup> O 5%	SLIGHT	.20	NO
OCHLOCKONEE SANDY LOAM	5% TO 10%	SLIGHT	.20	NO

Tree Conservation Plan (TCP2) an	new f CMP hereby acknowledge that we are aware of this that we understand the requirements as set forth in this TCP2	2.
D'illini M	Yogitos 4/22/14	
Owner or Owners Representative	Date	
I/ We	hereby acknowledge that we are aware of this	Type 2
Tree Conservation Plan (TCP2) an	that we understand the requirements as set forth in this TCP2	2
	Date	



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LOT 4 MOLACE CUERTAR & MEDITY D BAGE DE CONSTAN HANDER 2000 R-4 UND MOLA FAMILY . L THOU, F. 400

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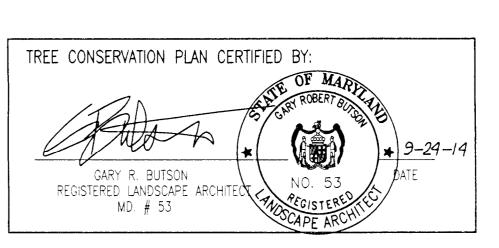
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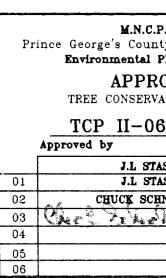
- OWNER:
- CHURCHILL GROUP 5 CHOKE CHERRY ROAD, SUITE 360 ROCKVILLE, MD 20805 TEL. (301) 243-1000 9. ENGINÈER:
- CAPITOL DEVELOPMENT DESIGN, INC. 5010 SUNNYSIDE AVENUE, STE. 200 BELTSVILLE, MD 20705
- TEL. (301) 982-1781 10. TEN (10') FEET PUBLIC UTILITY EASEMENT RUNS ALONG ALL PUBLIC RIGHT-OF-WAY.
- 11. FILL AREAS: A. CLASS I FILL TO BE PLACED BELOW ALL BUILDINGS B. 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: 15. SEWER CATEGORY: 3
- 16. BUILDING SETBACKS:
- FRONT: 25' SIDE: 35' TOTAL/18' OR 17'
- SIDE: 35 TOTAL/18 OR 17 REAR: 25' 17. MAX. LOT COVERAGE: 20% 18. PROPOSED DEVELOPMENT: SINGLE FAMILY DETACHED RESIDENTIAL 19. TOTAL NO. OF LOTS: 89 (88 BUILDABLE LOTS) 20. PRELIMINARY PLAT # 4–02068 21. WATERSHED: 51-HUNTER MILL BRANCH 22. STORMWATER MANAGEMENT CONCEPT NO. 26260–2002–00 33. ELOODPLAIN STUDY NO. 200163
- 23. FLOODPLAIN STUDY NO. 200163
- 24. SITE AREA = 102.95 Ac.  $(\pm)$ 25. ELECTION DISTRICT: 5TH
  - OWNER/DEVELOPER CHURCHILL GROUP WILLIAM J. WOGATSKE 5 CHOKE CHERRY ROAD SUITE 360 ROCKVILLE, MD 20850 (240) 243-1000

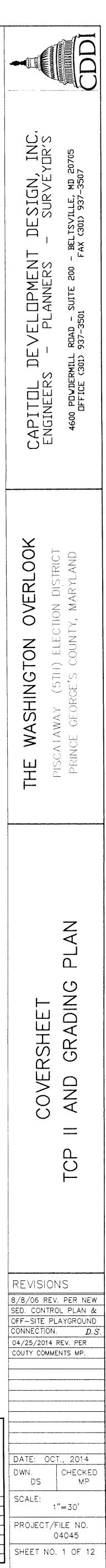
SHEET	INDEX	

SHEET NO.	PLAN TYPE
1 OF 12	COVER SHEET
2 OF 12	TCP-II
3 OF 12	TCP-II
4 OF 12	TCP-II
5 OF 12	TCP-II
6 OF 12	TCP-II
7 OF 12	TCP-II
8 OF 12	TCP-II
9 OF 12	TCP-II
10 OF 12	TCP-II
11 OF 12	TCP-II
12 OF 12	DETAIL SHEET

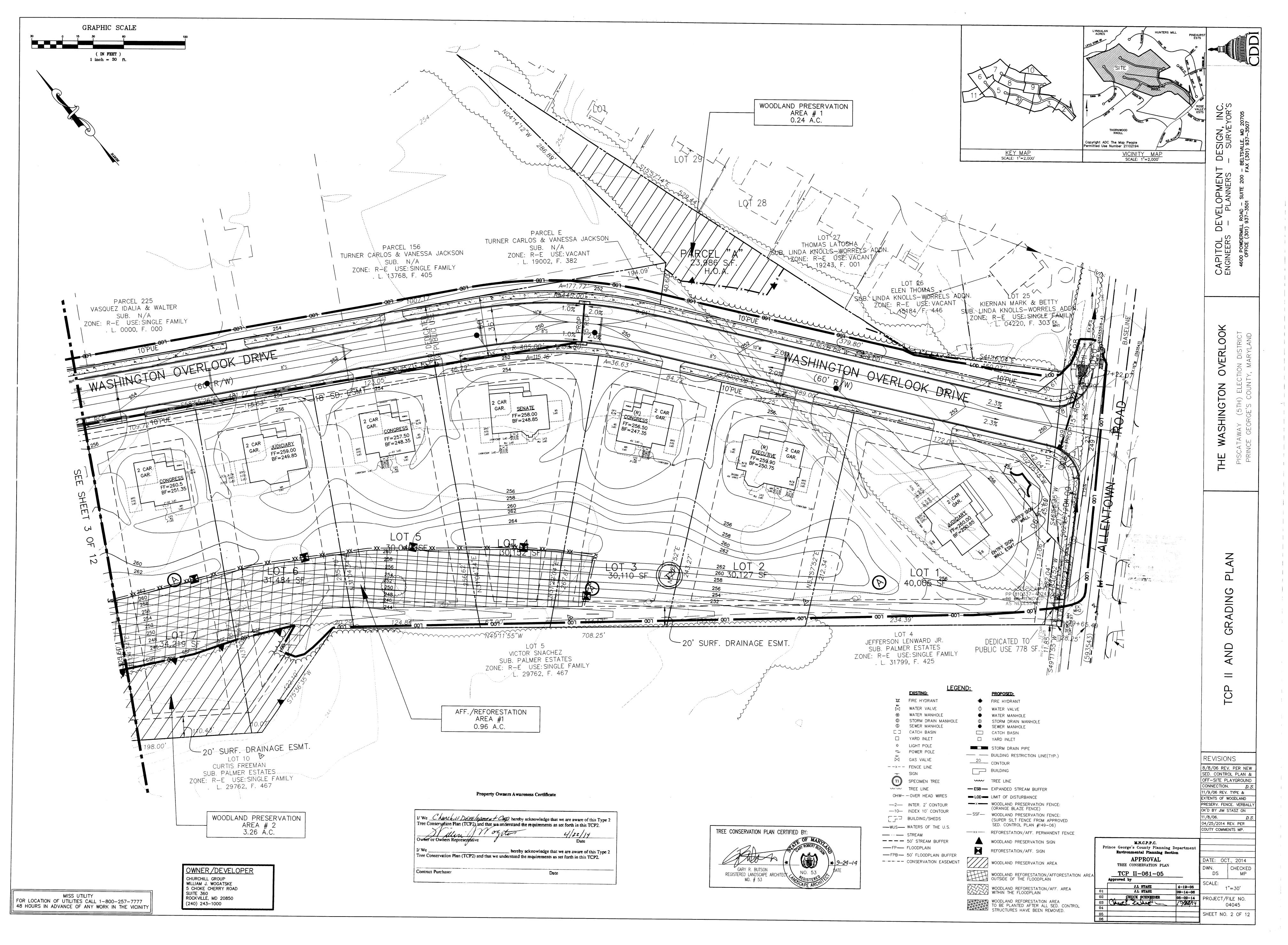


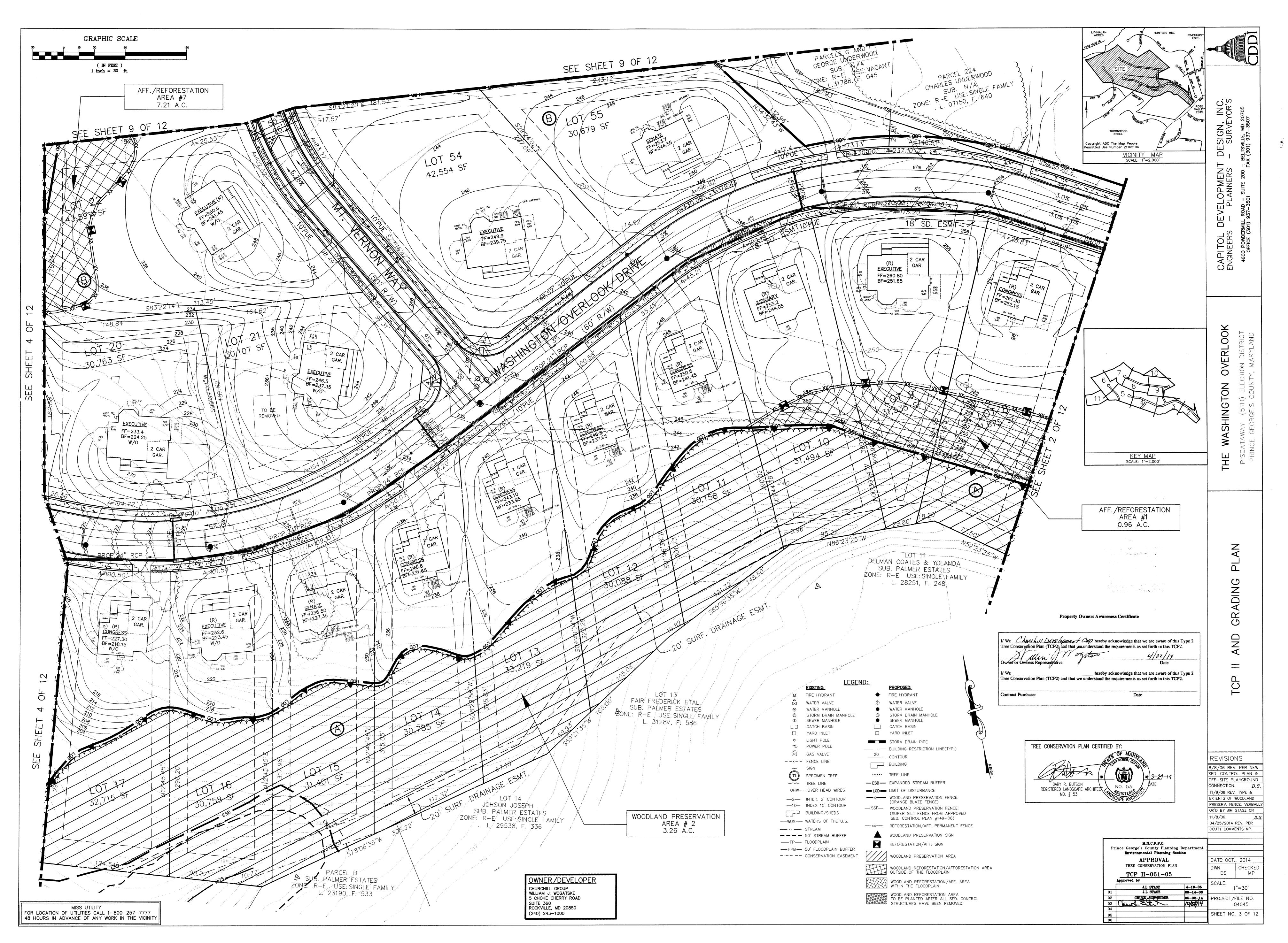
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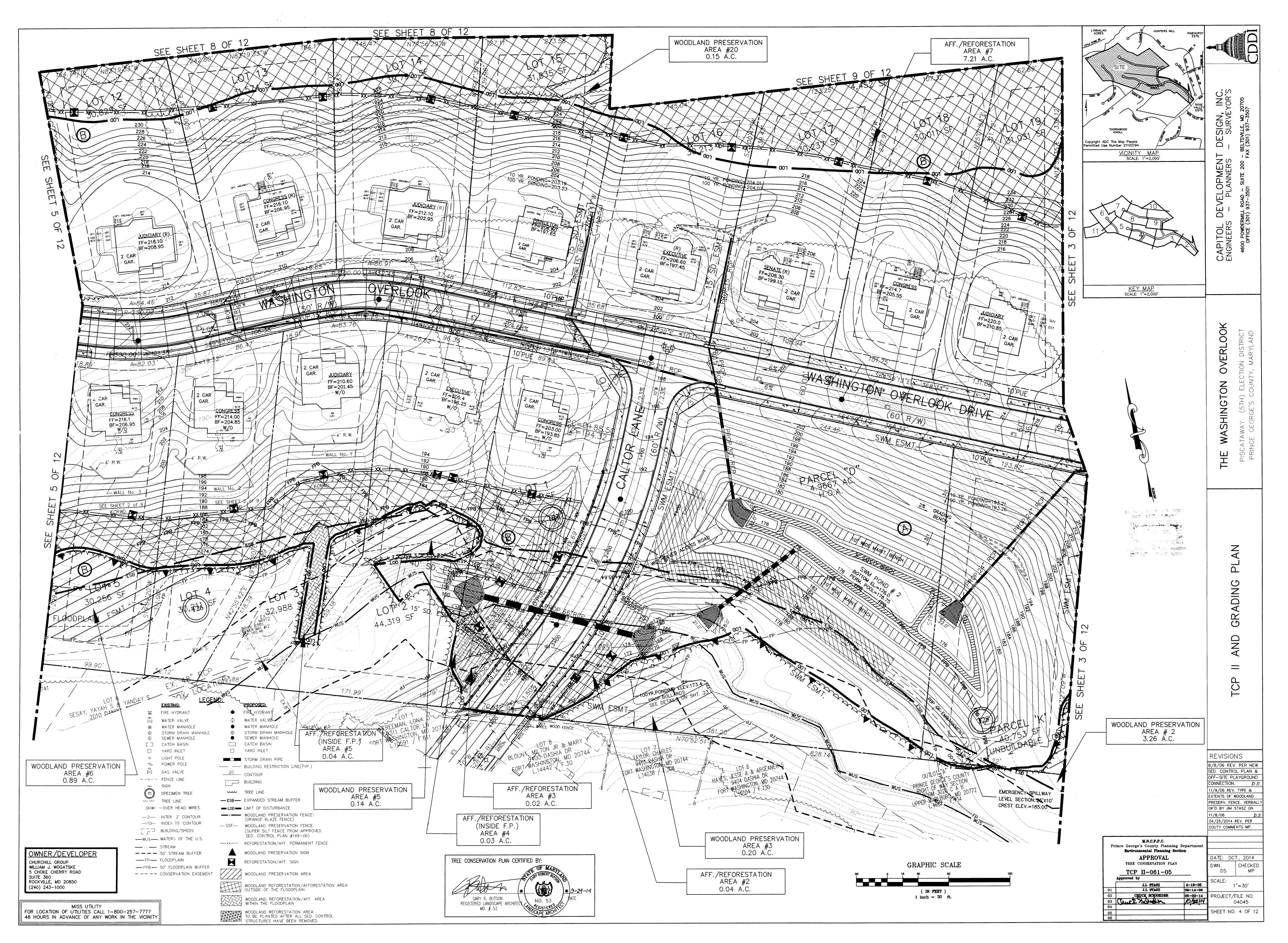


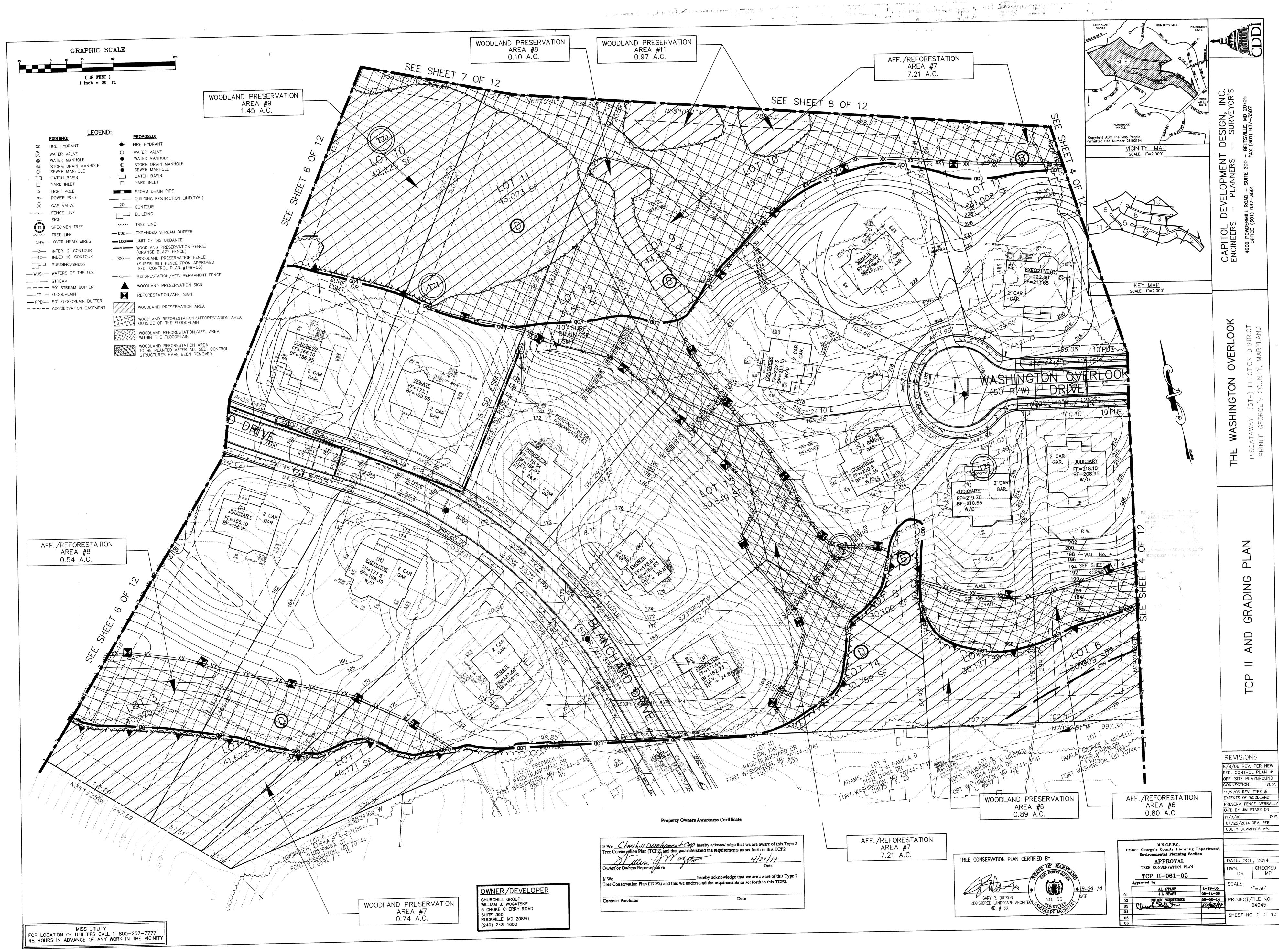


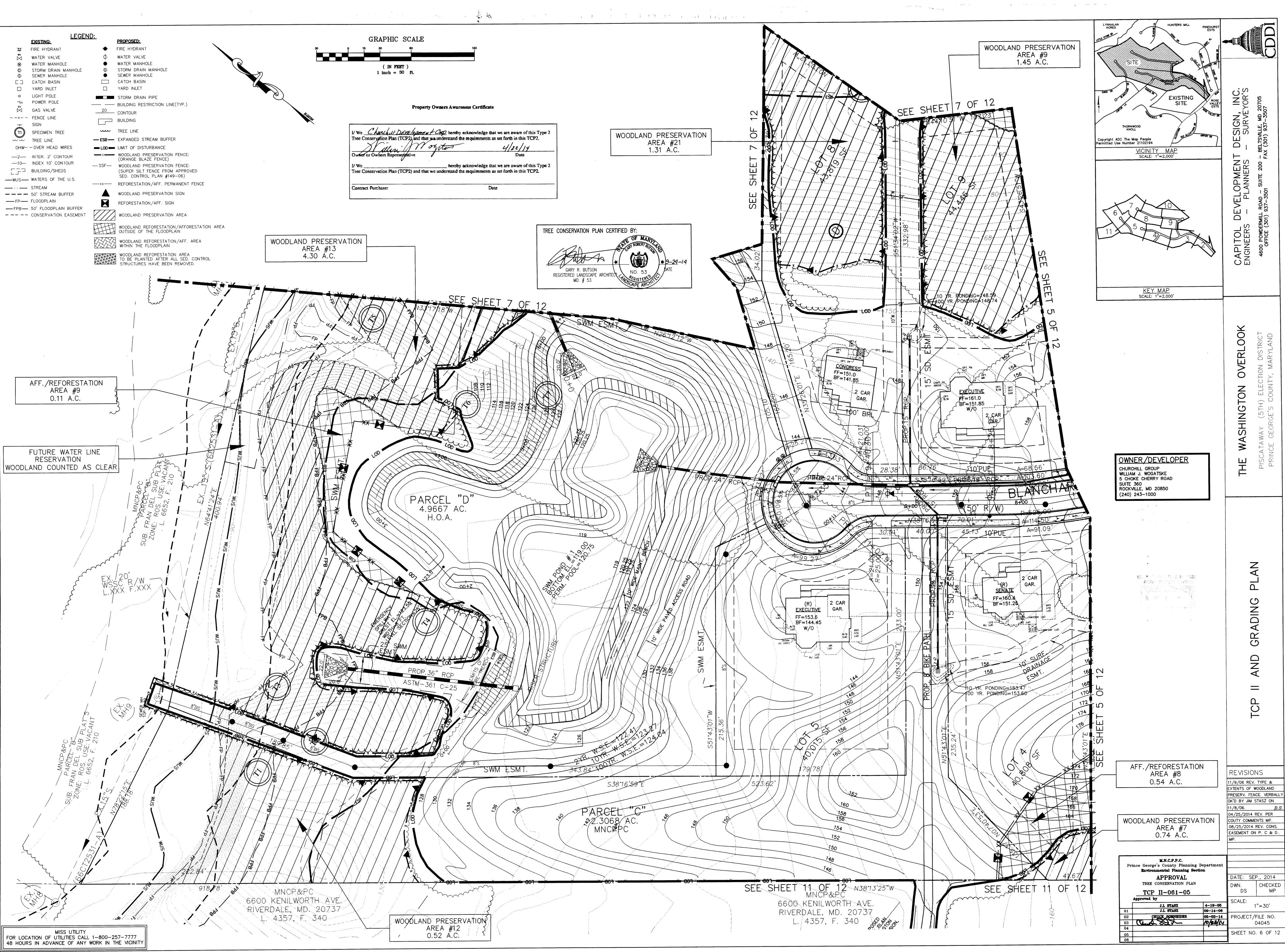
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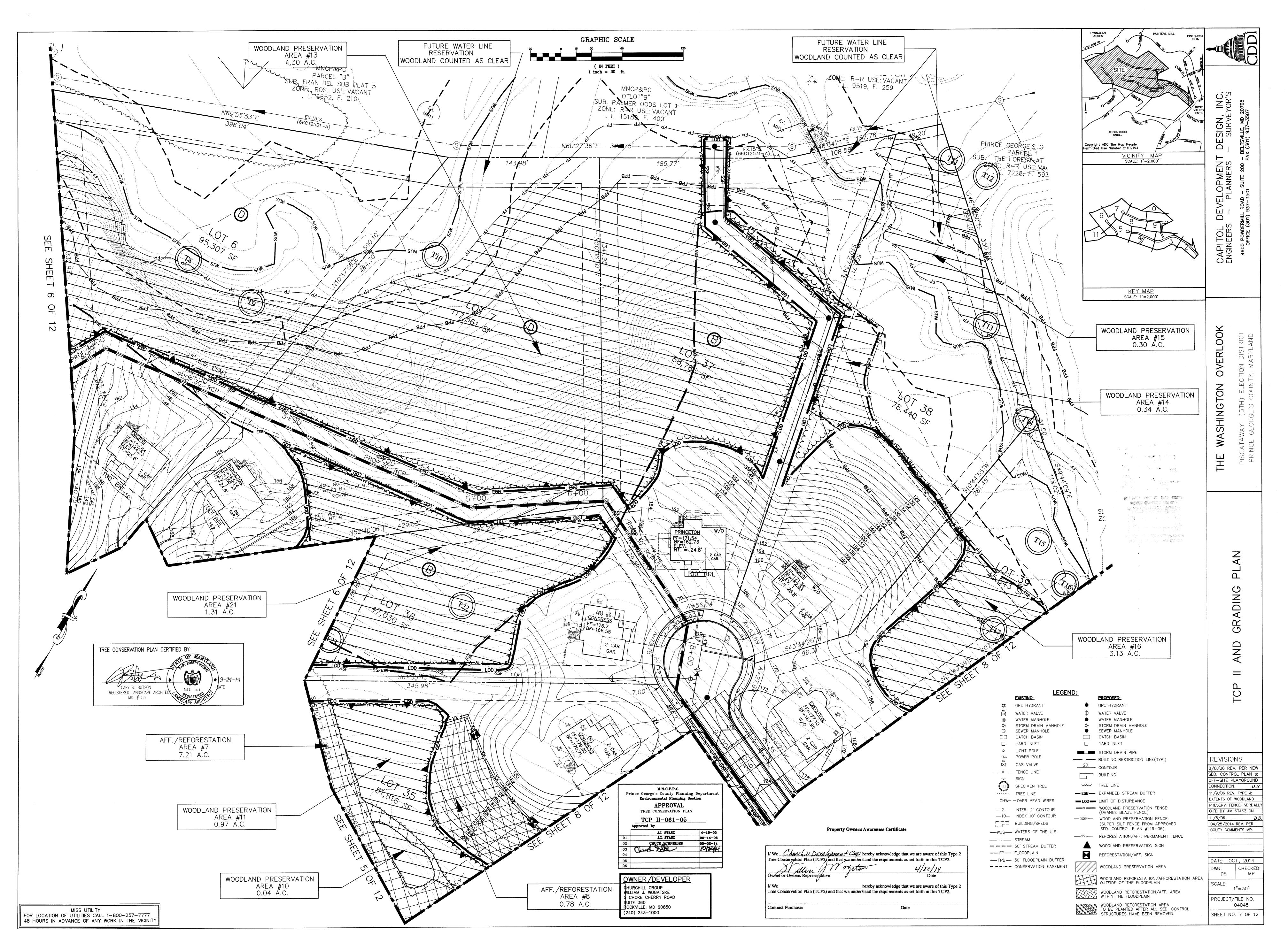


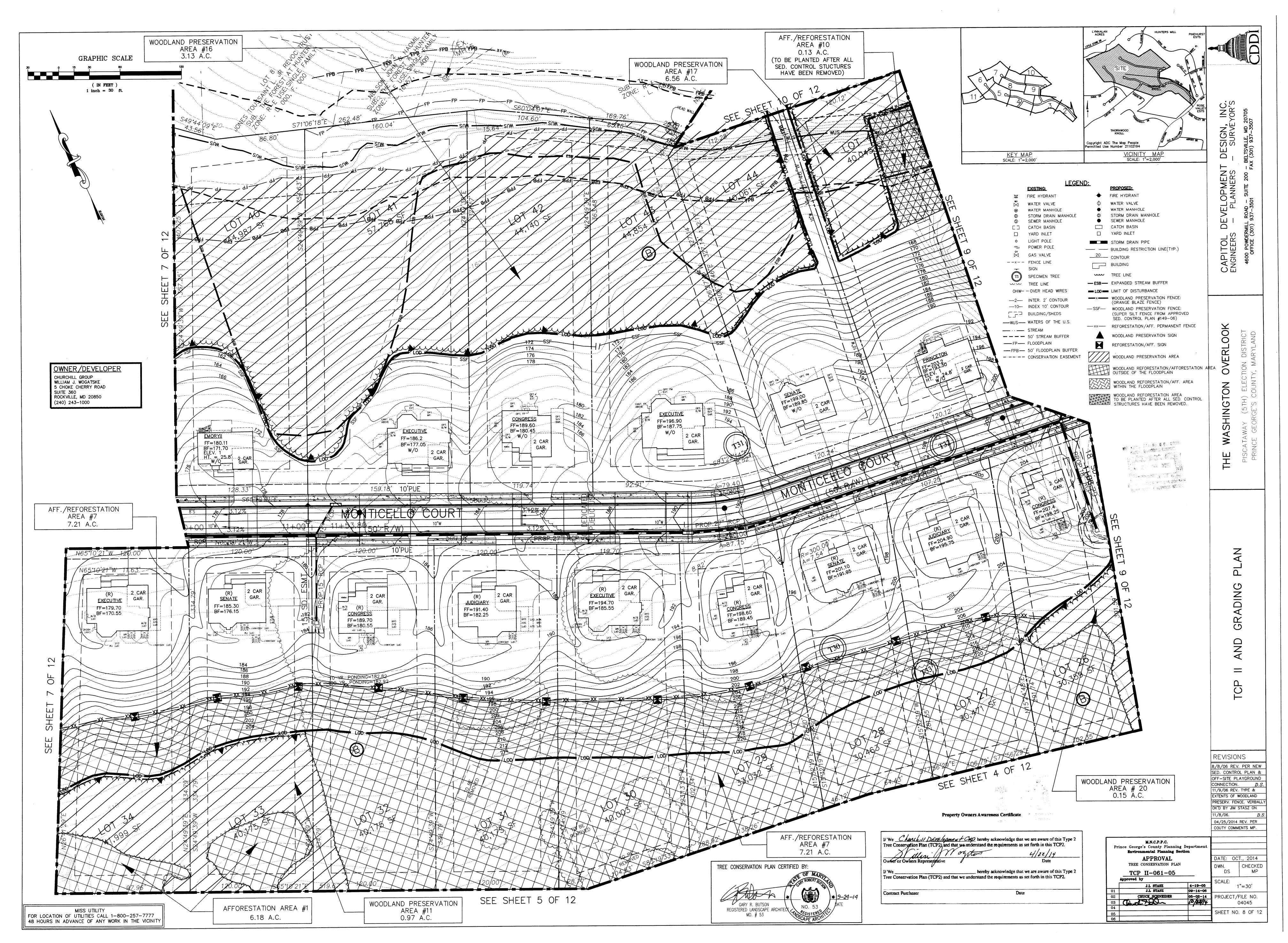


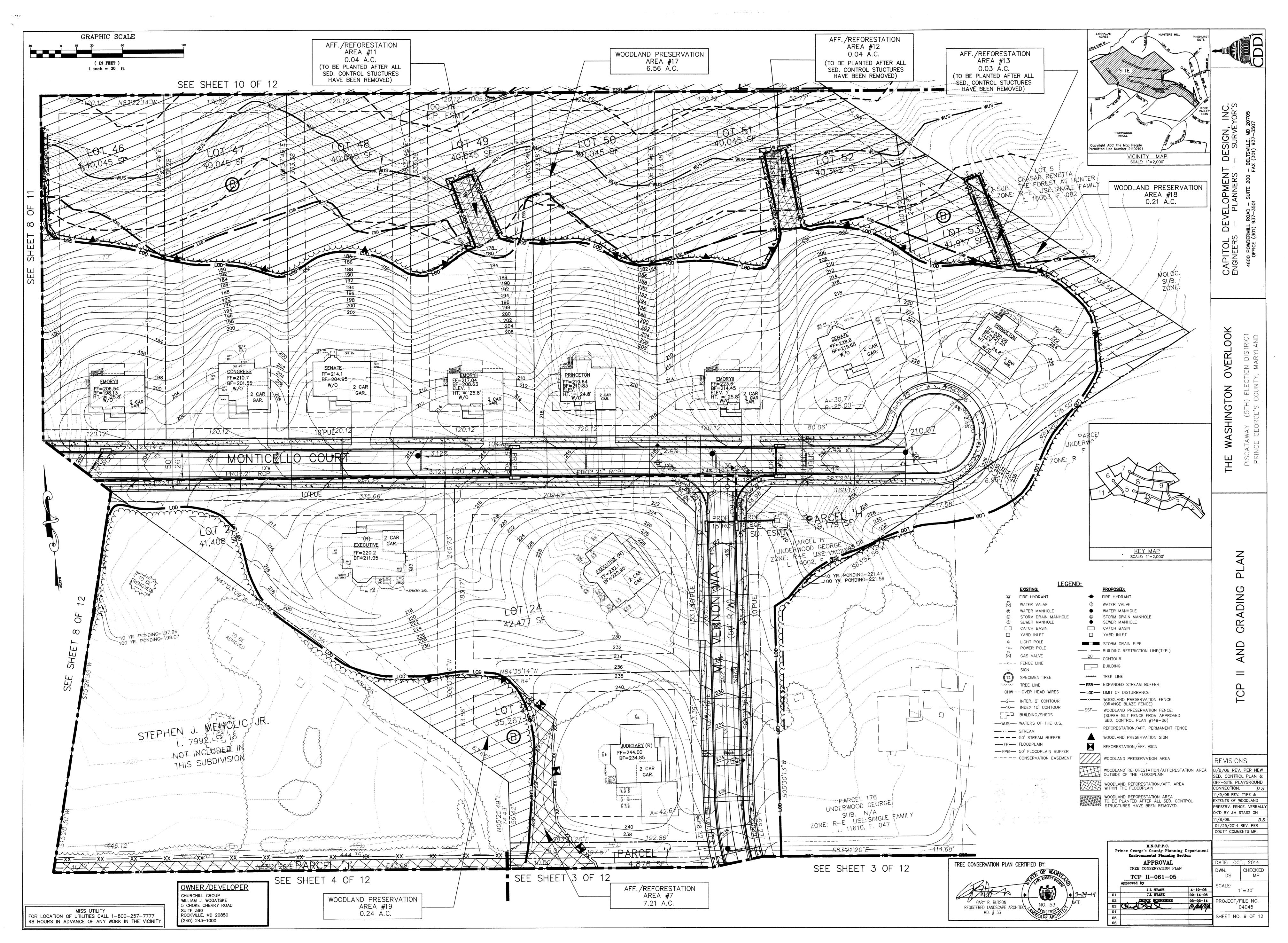


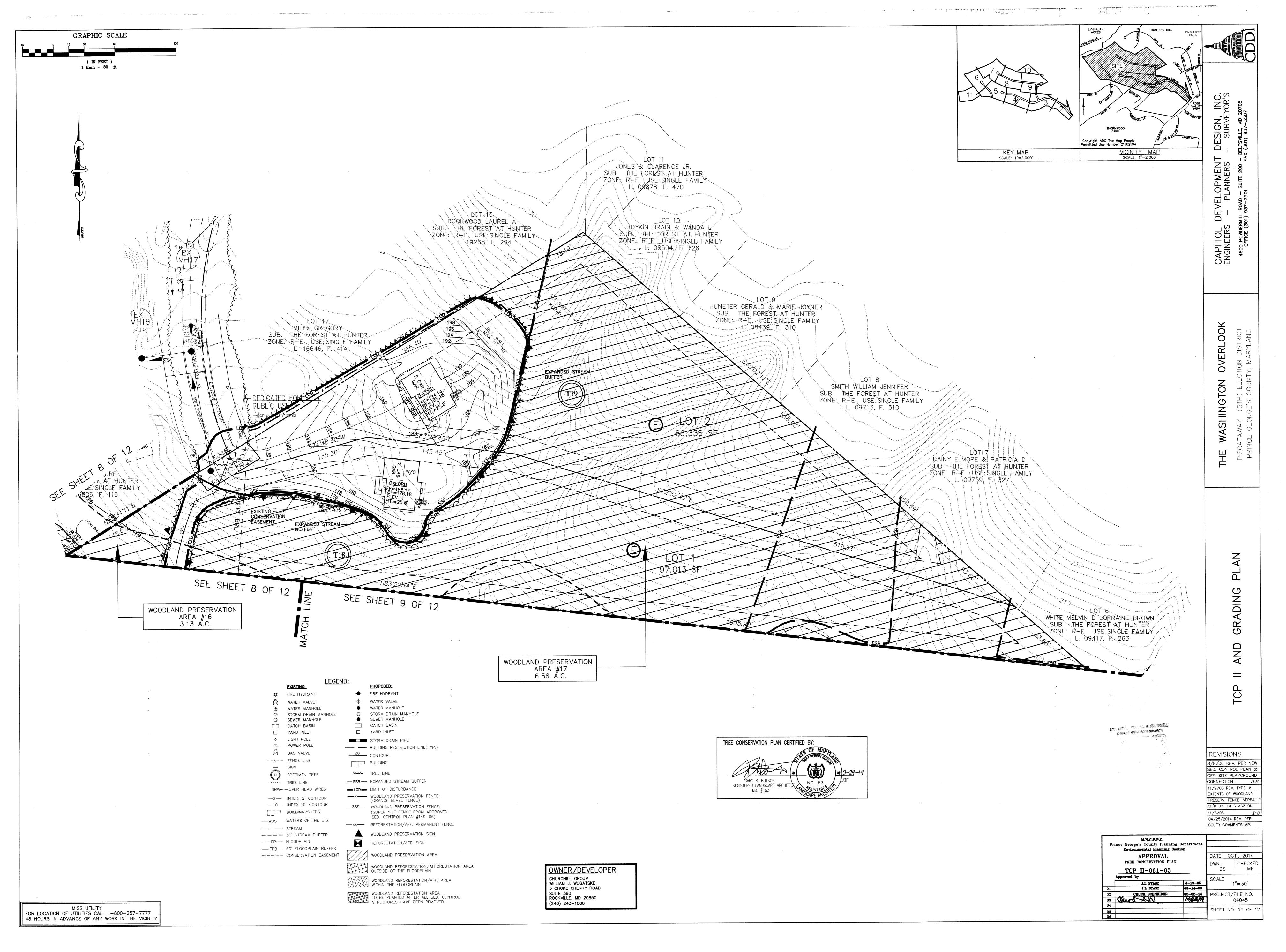


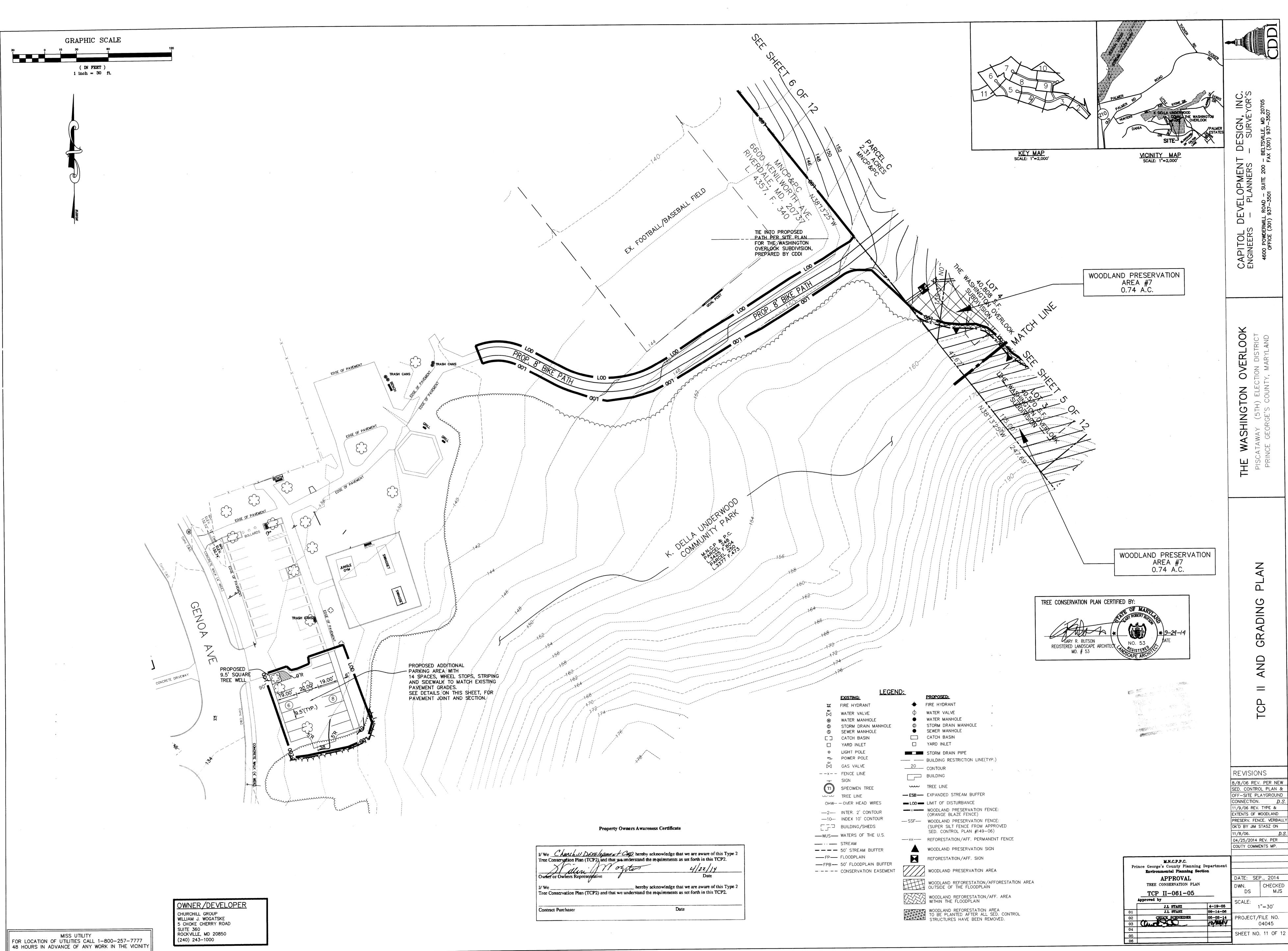












STANDARD TYPE II TREE CONSERVATION PLAN NOTES:

1. This plan is submitted to fulfill the woodland conservation requirements for a grading permit 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.

- 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 containenzed 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.
- 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
- 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).

TREE PRESERVATION AND RETENTION NOTES:

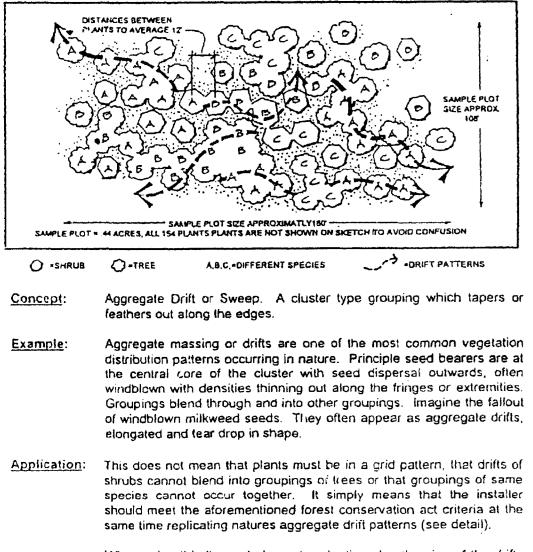
Tree Preservation and Retention Notes

- 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.
- d. 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.
- Woodland preservation areas shall be posted with signage as shown on the plans at the same time as the temporary TPF installation. These signs must remain in perpetuity.
- Removal of Hazardous Trees or Limbs by Developers or Builders
- 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.
- that are not hazardous but are leaning into the disturbed area, the permitee shall remove said trees /building permits and/or reaching the final grades and stabilization of planting areas. using a chain saw. Corrective measures requiring the removal of the hazardous tree or portions 6. Seedling Planting: Tree seedlings shall be hand planted using a dibble bai or snarp-should be hand planted using a dibble ba dibble bai or snarp-should be hand pla 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 the tree be cut by chainsaw to near the existing ground level. The stump shall not be removed or covered with soil, mulch or other materials that would inhibit sprouting.
- 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 other situations not resulting from an action by the permitee, prior to removal, a Certified Arbonst or a Licensed Tree Expert must certify that the tree or the portion of the tree in question has a potential must be contractor wishes to plant by another method, the preparer of this tree conservation plan must be contracted 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 to fail and sinke a structure, parking area, or other high use area and may result in personal injury or property damage then the parking area, or other high use area and may result in personal injury or property damage then the solution of the general planting theory. 8. Soil: Upon the completion of all grading operations, a soil test shall be conducted to the solution of the general planting theory. certification is not required and the permitee shall take corrective action immediately. The condition determine what soil preparation and soil amendments, if any, are necessary to create good of the area shall be fully documented through photographs prior to corrective action being taken. in the photos shall be submitted to the inspector for documentation of the damage.
- If corrective pruning may alleviate a new indexing condition, the Certified Arbonist or a Licensed Tree Expert may proceed without further authorization. The pruning must be done in accordance with latest edition of the appropriate ANSI A-300 Pruning Standards. The condition of the area shall be 9. Soil Improvement Measures: the soil shall then be improved according to the fully documented through photographs prior to corrective action being taken. The photos shall be
- submitted to the inspector for documentation of the damage. Debris from the tree removal or pruning that occurs within 35 feet of the woodland edge may be removed and properly disposed of by recycling, chipping or other acceptable methods. All debris that is more than 35 feet from the woodland edge shall be cut up to allow contact with the ground, thus encouraging decomposition. The smaller materials shall be placed into brush piles that will serve as wildlife habitat.
- Tree work to be completed within a road right-of-way requires a permit from the Maryland Department of Natural Resources unless the tree removal is shown within the approved limits of disturbance on a TCP2. The work is required to be conducted by a Licensed Tree Expert.
- 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:

If development is proposed to be completed in phases:

- 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
- If debris piles are noted on the FSD and located in preservation areas:
- 1. Debris piles shown in woodland preservation areas shall be removed by hand without the use of mechanical equipment within the preservation area. Chains may be used to pull debris out of the preservation areas. Caution must be used not to damage remaining vegetation.





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.

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

MISS UTILITY

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

48 HOURS IN ADVANCE OF ANY WORK IN THE VICINITY

AFFORESTATION/REFORESTATION NOTES 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, consent of the Planning Director or designee shall be subject to a \$9.00 per square foot mitigation b. The planting of afforestation or reforestation areas shall be completed prior to the issuance of

the first building permit. (This standard note may be modified as necessary to address which building permits are adjacent to the proposed planting area.) Seedling planting is to occur 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 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 county

> 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 tree 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)

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 h. During the initial stages of clearing and grading, if hazardous trees are present moist, but may be planted from March through November. No planting shall be done while

> out naturally; they should not be twisted, balled up or bent. Moist soil should then be packed firmly around the roots. Seedlings should be planted at a depth where their roots lie just below the ground surface. Air pockets should not be left after closing the hole which would allow the roots to dry out. See planting details for further explanation. If the

> tree growing conditions. Soil samples shall be taken at a rate that provides one soil sample for each area that appears to have a different soil type (if the entire area appears uniform, then only one sample is necessary), and submitted for testing to a private company. The company of choice shall make recommendations for improving the existing soil. The soil will be tested and recommended for corrections of soil texture, pH, magnesium, phosphorus, potassium, calcium and organic matter.

recommendations made by the testing company. 10. Fencing and Signage: Final protective fencing shall be placed on the visible and/or development side of planting areas. The final protective fence shall be installed upon completion of planting operations unless it was installed during the initial stages of development. Signs shall be posted per the signage detail on this sheet. 11. Planting method: Consult the Planting Detail(s) shown on this plan.

12. Mulching: Apply two-inch thick layer of woodchip or shredded hardwood mulch (as noted) to each 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: 1. 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 fencing shall be installed along road frontages adjacent to any reforestation areas. 5. Reforestation internal to the site shall be posted as required in the direction of any trails used to reach those areas. 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

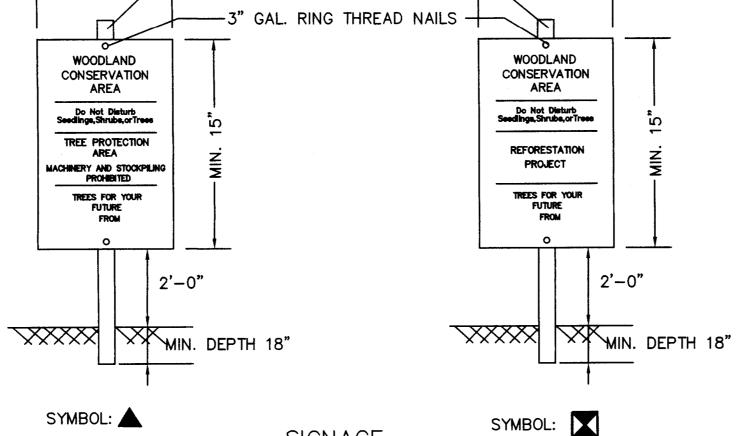
bring the total number of live plants to at least 75% of the number originally planted. If a particular species suffers unusually high mortality, replace with an alternative plant type. 3. Miscellaneous: Fertilization or watering during years 1 through 3 will be done on an as needed basis. Special return operations or recommendations will be

conducted on an as needed basis.

 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 HARDWOOD STAKES 1-3 STAKES 2" X 2" DRIVEN (MIN. 18") FIRMLY INTO SUBGRADE PRIOR TO BACKFILLING (3 REQUIRED) REMOVE COVERING FROM -THE TOP OF THE BALL STAKE ABOVE FIRST BRANCHES OR AS NECESSARY FOR FIRM SUPPORT USE EXCAVATED SOIL FOR BACKFILL. REMOVE AIR POCKETS NOTE: STAKING AS REQUIRED 2 X BALL DIA.

EVERGREEN TREE PLANTING - VERTICAL STAKES SCALE: NOT TO SCALE

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	•



on the plan.

site

be fully documented through photographs prior to corrective action being taken. The photos shall

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). hese plants may be cut near the ground and material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition. The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to

use of any herbicide shall be done in accordance with the label instructions. I. 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 e. Reforestation fencing and signage shall remain in place in accordance with the approved

Type 2 Tree Conservation Plan. Reforestation areas shall not be mowed; however, the management of competing vegetation and

### 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 recordation of the off-site conservation shall be provided to the M-NCPPC, Planning Department prior to issuance of any permit for the associated plan.

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.

preservation area: 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

#### POST DEVELOPMENT NOTES

When woodlands and/or specimen, historic or champion trees are to remain: If the developer or builder no longer has an interest in the property and the new owner desires to remove a hazardous tree or portion thereof, the new owner shall obtain a written statement from a Certified Arborist or Licensed Tree Expert identifying the hazardous condition and the proposed corrective measures prior to having the work conducted. After proper documentation has been completed per the handout "Guidance for Prince George's County Property Owners, Preservation of Woodland Conservation Areas", the arborist or tree expert may then remove the

tree. The stump shall be cut as close to the ground as possible and left in place. The removal or grinding of the stumps in the woodland conservation area is not permitted. 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 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

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

removal of noxious, invasive, and non-native vegetation around individual trees is acceptable.

## WOODLAND CONSERVATION SIGN

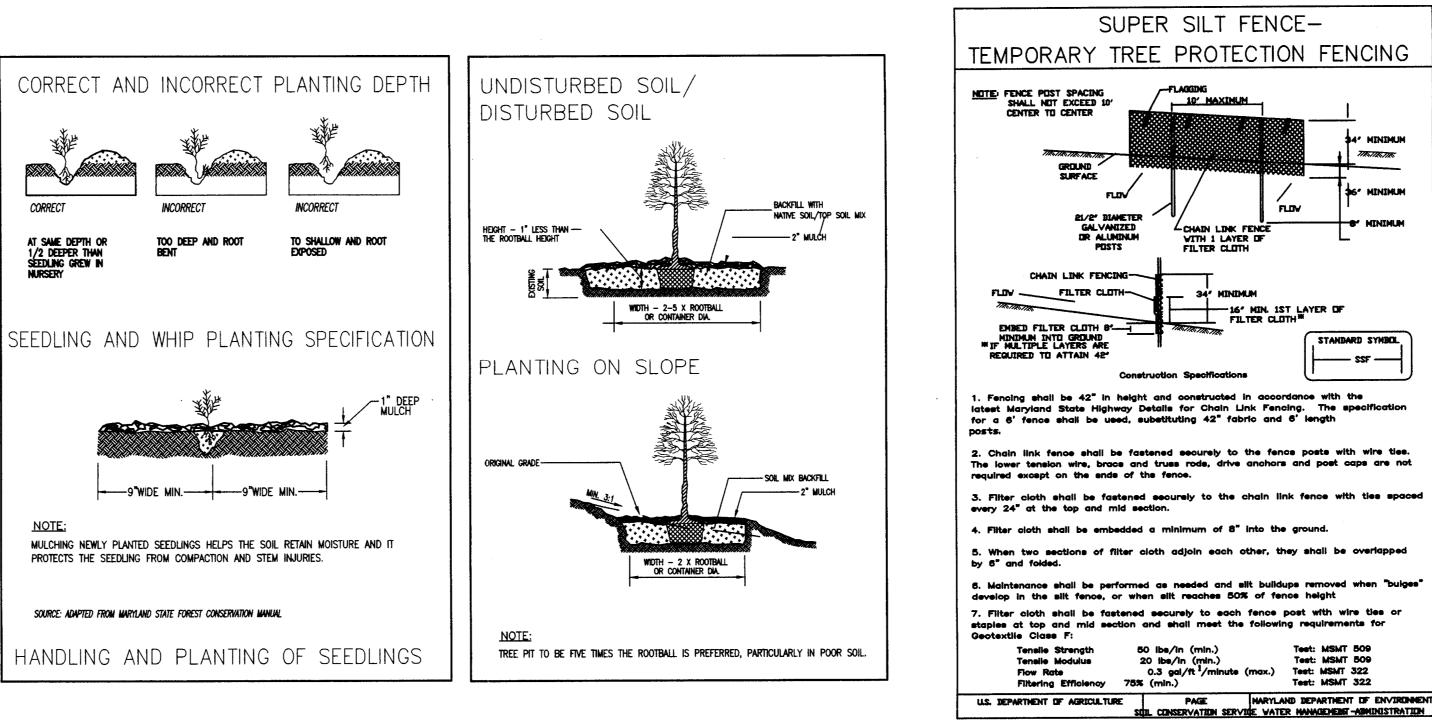
---- MIN. 11"-----

—MIN. 11"—→ 4"X 4"X 8' PRESSURE TREATED POST

AFFORESTATION / REFORESTATION SIGN

SIGNAGE

		•			
	Woodland	Conservatio	on Workshe	et	
	<b>-</b> ·	for	<b>•</b> •	•	•
	Princ	ce George's	County		
Zone:	R-E				
Gross Tract:	102.95				
Floodplain:	5.33				
Previously Dedicated Land:	0.00				
Net Tract (NTA):	97.62				
		age in the co	rresponding c	olumns for e	ach zon
Property Description or Subdivision Name:		HINGTON (			]
Is this site subject to the 1989 Ordinance?	N				1
Reforesation Requirement Reduction Questions		1		•	
Is this one (1) single family lot? (y,n)	N	1			
Are there prior TCP approvals which include a	Y			•	
combination of this lot and/or other lots. (y,n)	L	1			
Is this a Mitigation Bank	N	1			
Break-even Point (preservation) =		acres			
Clearing permitted w/o reforestion=		acres			
				Off-site	1
Woodland Conservation Calculations:		Net Tract	Floodplain		
		(acres)	(acres)	(acres)	
Existing Woodland		64.99	5.14	(0.0.00)	1
Woodland Conservation Threshold (NTA) =	25.00%	24.41			
Smaller of a or b		24.41			
Woodland above WCT		40.59			
Woodland cleared		36.63	1.00	0.36	1
Smaller of d or e		36.63			
Clearing above WCT (0.25 : 1) replacement requ	uirement	9.16			
Clearing below WCT (2:1 replacement requirem		0.00			
Afforestation Threshold (AFT) =	20.00%	0.00			
Off-site Mitigation being provided on this propert		0.00			· ·
Woodland Conservation Required	.,	34.92			1
Woodland Conservation Provided:		(acres)			]
Woodland Preservation		25.02			1
Afforestation / Reforestation		9.99			
Area approved for fee-in-lieu		0.00		\$0.00	1
Credits for Off-site Mitigation on another propert	iy 🛛	0.00			1
Off-site Mitigation being provided on this proper		0.00			
Total Woodland Conservation Provided		35.01			-
Area of woodland not cleared	28.36	acres			
Woodland retained not part of requirements:	3.34	acres	7.		
		1/1	SN -		
Prepared by:		/ Xe	Ha	1	
		$\underline{\Lambda}$	NO	71	_
	Signed	V		Date	



1.22

# REFORESTATION / AFFORESTATION PLANTING SCHEDULES

REFOREST	ATION/AFFOREST	ATION PLAN	ITING SCHEDULE	(AREA #
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTAL S EQUIV
Acer rubrum	Red Maple	128	16	1
Liriodendron tulipifera	Tulip Poplar	128	16	1
liex opaca	American Holly	128	16	1
Fagus grandifolia	American Beech	128	16	•
Franxinus pennsylvanica	Green Ash	128	16	1
Cornus florida	Dogwood	128	16	-
TOTAL		768	96	8
REFORESTATION/AFF.	CREDIT AREAS	0.768	0.192	0

OEEDEINO AND C	TOORT DAITED IN	TV WEOKI DA		
REFOREST	ATION/AFFOREST	ATION PLAN	ITING SCHEDULE	(AREA
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTAL EQU
Acer rubrum	Red Maple	5	1	
Linodendron tulipifera	Tulip Poplar	4	1	
llex opaca	American Holly	5	1	
Fagus grandifolia	American Beech	5	1	
Franxinus pennsylvanica	Green Ash	4	1	
Comus fiorida	Dogwood	5	1	
TOTAL		28	6	
REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012	

REFOREST	ATIONAFFOREST	ATION PLAN	TTING SCHEDULE	(AREA #
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTAL S
Acer rubrum	Red Maple	2	1	
Liriodendron tulipifera	Tulip Poplar	2	0	
llex opaca	American Holly	2	1	
Fagus grandifolia	American Beech	2	1	
Franxinus pennsylvanica	Green Ash	2	1	
Comus florida	Dogwood	2	0	
TOTAL		12	4	
REFORESTATION/AFF.	CREDIT AREAS	0.012	0.008	1

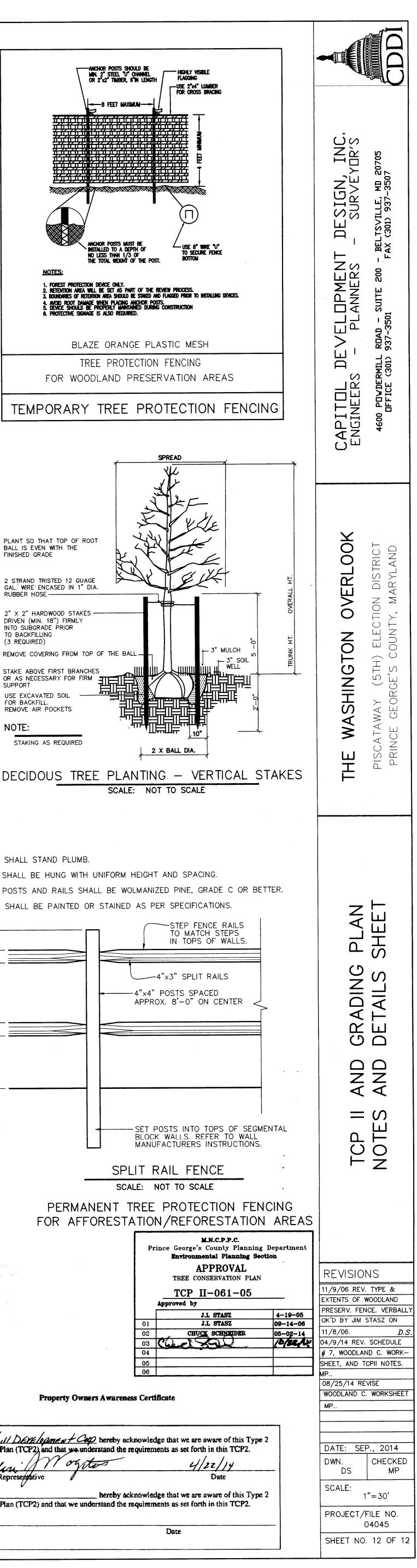
	BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTA EQ
	Acer rubrum	Red Maple	4	1	
	Liriodendron tulipifera	Tulip Poplar	2	0	
1	llex opaca	American Holly	3	0	
1	Fagus grandifolia	American Beech	2	0	
	Franxinus pennsylvanica	Green Ash	2	1	
	Taxodium distichum	Bald Cypress	7	3	

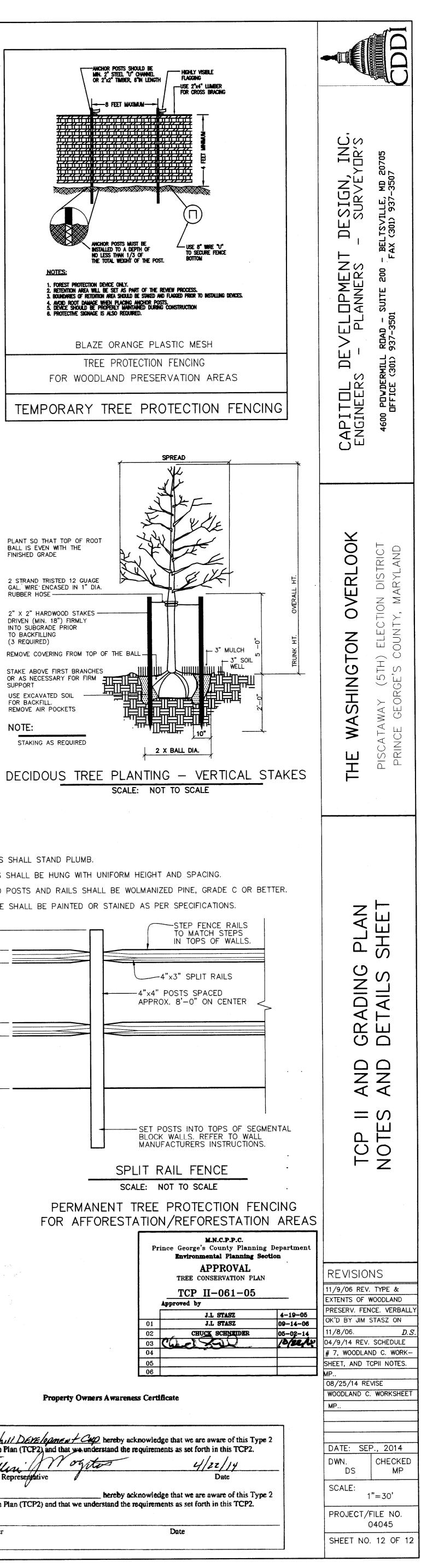
REFORESTATIO	WAFF. PLANTING	SCHEDULE I	NSIDE THE FLOO	DPLAIN
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTA EQ
Acer rubrum	Red Maple	4	1	
Liriodendron tulipifera	Tulip Poplar	4	1	
llex opaca	American Holly	4	1	
Fagus grandifolia	American Beech	4	0	
Franxinus pennsylvanica	Green Ash	4	1	
Taxodium distichum	Bald Cypress	8	2	
TOTAL		28	6	
REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012	

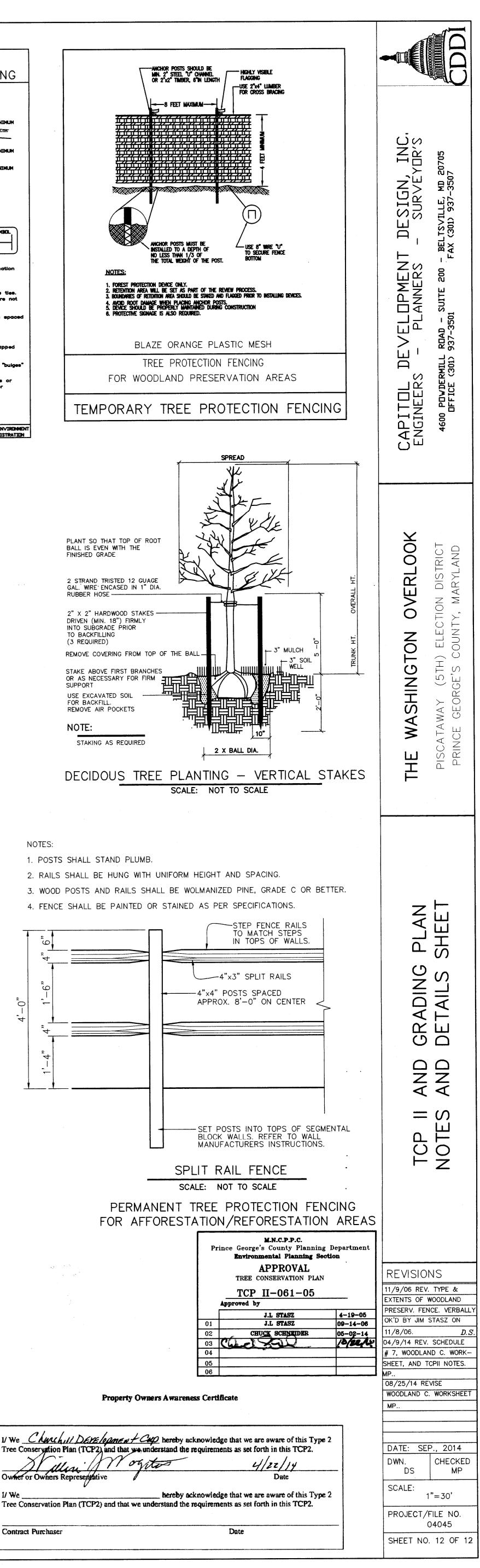
			//////01	1/1110112		TATION/AFFOREST			
REFOREST	ATION/AFFORESTA						SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS
BOTANICAL NAME	COMMON NAME	SEEDLING	I" CAL. STOCK	TOTAL SEEDLINGS EQUIVALENCY	BOTANICAL NAME	COMMON NAME	QUANTITY		EQUIVALENCY
Acer rubrum	Red Maple	QUANTITY 128	16	144	Acer rubrum	Red Maple Tulip Poplar	75 75	8	83 82
Liriodendron tulipifera	Tulip Poplar	128	16	144	Liriodendron tulipifera Ilex opaca	American Holly	75	8	83
No. of the second se	American Holly American Beech	128 128	16 16	144	Fagus grandifolia	American Beech	75	7	82
Franxinus pennsylvanica	and soften has a desamber to a default	128	16	144	Franxinus pennsylvanica Cornus florida		75 75	7 8	82 83
	Dogwood	128	16	144	TOTAL	Dogwood	450	45	495
TOTAL REFORESTATION/AFF. (	CREDITAREAS	768 0.768	96 0.192	864 0.96	AFFORESTATION CREE	DITAREAS	0.45	0.09	0.54
					TOTAL REFORESTATIO	NALE ACRES - 0	54 AC		• •
TOTAL REFORESTATION NOTE: SEEDLINGS CREI		and a second			NOTE: SEEDLINGS CRE			1" STOCK CRED	ITED AT 500 PER
-	CATION FOR 1" ST					OCATION FOR 1" S			AFFORESTATION
AREAS ADJACEN	NT TO DISTURBED	OR OPEN ARE	EAS.			NT TO DISTURBED			TTERN (SEE DETAIL)
SEEDLING AND S	STOCK PLANTED IN	I RANDOM DIS	STRIBUTION PAT	TERN (SEE DETAIL)					
REFOREST	ATIONAFFOREST	ATION PLAN	TING SCHEDUL			ATION/AFFOREST	SEEDLING		(AREA #9) TOTAL SEEDLINGS
BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS	BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	EQUIVALENCY
Acer rubrum	Red Maple	QUANTITY 5	1	EQUIVALENCY 6	Acer rubrum	Red Maple	22	5	27
Linodendron tulipifera	Tulip Poplar	4	1	5	Liriodendron tulipifera	Tulip Poplar American Holly	21 22	5 5	<u>26</u> 27
llex opaca	American Holly	5	1	6	llex opaca Fagus grandifolia	American Beech	22	5	27
Fagus grandifolia Franxinus pennsylvanica	American Beech Green Ash	5	1	6 5	Franxinus pennsylvanica		21	5	26
Comus florida	Dogwood	5	1	6	Comus florida	Dogwood	22	5 30	27 160
TOTAL		28	6 0.012	34 0.04	TOTAL REFORESTATION/AFF.	CREDIT AREAS	130 0.13	0.06	0.19
REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012	0.04					
TOTAL REFORESTATIO					TOTAL REFORESTATIO				
NOTE: SEEDLINGS CRE				and the second sec	NOTE: SEEDLINGS CRE	EDITED AT 1000 PE			
	INT TO DISTURBED	and the set of the set		AFFORESTATION	1	NT TO DISTURBED			
				ATTERN (SEE DETAIL)					ITERN (SEE DETAIL)
	TATION/AFFOREST				DEC	ORESTATION/AFF.			#10)
		SEEDLING		TOTAL SEEDLINGS			SEEDI INC	1" CAL. STOCK	TOTAL SEEDLINGS
BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	EQUIVALENCY	BOTANICAL NAME	COMMON NAME	QUANTITY		EQUIVALENCY
Acer rubrum	Red Maple	2		3	Acer rubrum	Red Maple	18 18	2 2	20 20
Liriodendron tulipifera llex opaca	Tulip Poplar American Holly	2	0	2 3	Liniodendron tulipifera Ilex opaca	Tulip Poplar American Holly	18 17	2 2	20 19
Fagus grandifolia	American Beech	2	1	3	Fagus grandifolia	American Beech	18	2	20
Franxinus pennsylvanica	Green Ash	2	1	3	Franxinus pennsylvanica		17	2	19
Comus florida	Dogwood	2 12	0	2 16	Taxodium distichum TOTAL	Bald Cypress	18 106	2 12	20 118
TOTAL REFORESTATION/AFF.	CREDIT AREAS	0.012	4 0.008	0.02	REFORESTATION/AFF.	CREDIT AREAS	0.106	0.024	0.13
		1	1			· · · · · · · · · · · · · · · · · · ·			
TOTAL REFORESTATIO		<ul> <li></li></ul>			TOTAL REFORESTATIO				
			and a second	F AFFORESTATION	NOTE: SEEDLINGS CRE	OCATION FOR 1" ST			
	ENT TO DISTURBED			ALLONGON		INT TO DISTURBED			· · · · · · · · · · · · · · · · · · ·
SEEDLING AND	STOCK PLANTED	IN RANDOM D	STRIBUTION PA	ATTERN (SEE DETAIL)	SEEDLING AND	STOCK PLANTED I	RANDOM D	STRIBUTION PAT	TERN (SEE DETAIL)
REFORESTATIO	N/AFF. PLANTING	SCHEDULE I	SIDE THE FLOO	ODPLAIN (AREA #4)	REF	ORESTATION/AFF.	PLANTING S	CHEDULE (AREA	#11)
BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	, TOTAL SEEDLINGS	BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS
		QUANTITY		EQUIVALENCY			QUANTITY		EQUIVALENCY
Acer rubrum Liriodendron tulipifera	Red Maple Tulip Poplar	4	1	5	Acer rubrum Liriodendron tulipifera	Red Maple Tulip Poplar	4	1	<u> </u>
llex opaca	American Holly	3	0	3	llex opaca	American Holly	4	1	5
Fagus grandifolia	American Beech	2	0	2	Fagus grandifolia	American Beech	4	0	4
Franxinus pennsylvanica Taxodium distichum	a Green Ash Bald Cypress	2	1	3 10	Franxinus pennsylvanica	Green Ash Bald Cypress	4 8	2	<u>5</u> 10
TOTAL	Dalu Cypiess	20	5	25	TOTAL	build of pices	28	6	34
REFORESTATION/AFF.	CREDIT AREAS	0.02	0.01	0.03	REFORESTATION/AFF.	CREDIT AREAS	0.028	0.012	0.04
	EDITED AT 1000 PE	R ACRE AND	PERIMETER O	DITED AT 500 PER F AFFORESTATION			R ACRE AND FOCK ALONG	PERIMETER OF	
				ATTERN (SEE DETAIL)					TERN (SEE DETAIL)
REFORESTATIC	ON/AFF. PLANTING	SCHEDULE	NSIDE THE FLO	ODPLAIN(AREA #5)	REF	ORESTATIONAFF	PLANTING S	CHEDULE (AREA	
BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCH	TOTAL SEEDLINGS	BOTANICAL NAME	COMMON NAME	SEEDLING	1" CAL. STOCK	TOTAL SEEDLINGS
		QUANTITY		EQUIVALENCY	Acer rubrum	Red Maple	QUANTITY 4	1	EQUIVALENCY 5
Acer rubrum	Red Maple Tulip Poplar	4	1	5	Liriodendron tulipifera	Tulip Poplar	3	1	4
llex opaca	American Holly	4	1	5	llex opaca	American Holly	3	1	4
Fagus grandifolia	American Beech	4	0	4 5	Fagus grandifolia Franxinus pennsylvanica	American Beech	. 3	1	4
Franxinus pennsylvanica Taxodium distichum	Bald Cypress	8	2	10	Taxodium distichum	Bald Cypress	8	3	11
TOTAL		28	6	34	TOTAL		24	8	32
REFORESTATION/AFF	CREDIT AREAS	0.028	0.012	0.04	REFORESTATION/AFF.	CREDIT AREAS	· 0.024	0.016	0.04
1	EDITED AT 1000 PI	ER ACRE AND	PERIMETER O	DITED AT 500 PER F AFFORESTATION		EDITED AT 1000 PE OCATION FOR 1" S	R ACRE AND TOCK ALONG	PERIMETER OF	
	ENT TO DISTURBED			ATTERN (SEE DETAIL)					TTERN (SEE DETAIL)
	STATIONAFFORES	SEEDLING		TOTAL OFFICIANCO		ORESTATION/AFF.	SEEDLING		TOTAL SEEDLINGS
BOTANICAL NAME	COMMON NAME		1" CAL. STOC	K EQUIVALENCY	BOTANICAL NAME	COMMON NAME	QUANTITY	1" CAL. STOCK	EQUIVALENCY
Acer rubrum	Red Maple	105	14	119	Acer rubrum	Red Maple	4	1	5
Liriodendron tulipifera llex opaca	Tulip Poplar American Holly	106 105	14 14	120 119	Liriodendron tulipifera	Tulip Poplar American Holly	2	0	2 3
Fagus grandifolia	American Beech	105	14	120	Fagus grandifolia	American Holly American Beech	2	0	2
Franxinus pennsylvanic	a Green Ash	105	14	119	Franxinus pennsylvanica	Green Ash	2	1	3
Comus florida TOTAL	Dogwood	105 632	14 84	119 716	Taxodium distichum	Bald Cypress	7 20	3 5	10 25
REFORESTATION/AFF	CREDIT AREAS	0.632	0.168	0.8	REFORESTATION/AFF.	CREDIT AREAS	0.02	0.01	0.03
	· · · · · · · · · · · · · · · · · · ·							· ·	
AREAS ADJAC	REDITED AT 1000 P LOCATION FOR 1" S ENT TO DISTURBE	ER ACRE ANI STOCK ALONO D OR OPEN A	g perimeter C Reas.	DITED AT 500 PER OF AFFORESTATION ATTERN (SEE DETAIL)	AREAS ADJACE	EDITED AT 1000 PE OCATION FOR 1" S ENT TO DISTURBED	R ACRE AND FOCK ALONG OR OPEN AF	PERIMETER OF	
	TATION/AFFORES			JLE (AREA #7)					
BOTANICAL NAME		SEEDLING	TT CAL STOO	TOTAL SEEDLINGS					
		QUANITY		EQUIVALENCY				/.	
Acer rubrum Liriodendron tulipifera	Red Maple Tulip Poplar	840 835	96 96	936 931	IKEE CONSER	VATION PLAN CE	KIIFILD BY		
llex opaca	American Holly	835	96	931			TE O	MARY	
Quercus palustris	Pin Oak	840	94	934	1/2	Λ	STATE GARY R	WOLK / BILL HAL	
Fagus grandifolia	American Beech	840 840	96 93	936 933	1 /207	He 1	/ /		
Franxinus pennsylvanica Cornus florida	a Green Ash Dogwood	840 850	93	933	1 /ATU	10 h	<b>   </b>		<u>9–24</u> –14
TOTAL		5880	667	6547		R. BUTSON			<u></u>
AFFORESTATION/REF	. CREDIT AREAS	5.88	1.334	7.214		R. BUTSON LANDSCAPE ARCHIT		$\mathcal{L}$	
TOTAL REFORESTATION	ON/AFE ACRES -	7.21 AC				MD. # 53	ANDSCA	USTERED	
NOTE: SEEDLINGS CR AC. PRIORITY L	REDITED AT 1000 P	ER ACRE AN STOCK ALON	G PERIMETER (	EDITED AT 500 PER OF AFFORESTATION	L		JUA	L ANU	J

SEEDLING AND	STOCK PLANTED I	N RANDOM D	ISTRIBUTION PAT	TERN (
REFOREST	ATION/AFFOREST	ATION PLAN	ITING SCHEDULE	ARE/
BOTANICAL NAME	COMMON NAME	SEEDLING QUANTITY	1" CAL. STOCK	TOTA EQ
Acer rubrum	Red Maple	840	96	
Liriodendron tulipifera	Tulip Poplar	835	96	
llex opaca	American Holly	835	96	
Quercus palustris	Pin Oak	840	94	
Fagus grandifolia	American Beech	840	96	
Franxinus pennsylvanica	Green Ash	840	93	
Cornus florida	Dogwood	850	96	
TOTAL		5880	667	
AFFORESTATION/REF.	CREDIT AREAS	5.88	1.334	

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







wher or Owners Representativ

**Contract Purchaser**