

SPECIMEN TREE TABLE

55 White Oak

58 White Oak

62 White Oak

64 Hickory

77 Beech 78 White Oak

80 Red Maple

81 Sugar Maple

82 Sugar Maple

83 Sugar Maple

84 Sugar Maple

85 Sugar Maple

86 Sugar Maple

87 Sugar Maple

88 Silver Maple

89 Sugar Maple

90 Tree of Heaven

91 Tree of Heaven

92 Tree of Heaven

93 Red Maple

94 Red Maple

97 White Pine

99 Black Walnut

59 Hickory

White Oak

Quercus alba

Quercus alba

Fagus grandifolia

Quercus alba

Acer rubrum

Acer saccharum

Acer saccharinum

Acer saccharum

Ailanthus altissima

ilanthus altissima

Ailanthus altissima

Fagus grandifolia

Acer rubrum

Acer rubrum

Pinus strobus

96 Silver Maple Acer saccharinum

Quercus alba

Carya sp.

63 Yellow Poplar Liriodendron tulipifera

Southern Red Oak Quercus rubra

79 Yellow Poplar Liriodendron tulipifero

Preservation Comments

Remove

Remove

Remove

No Work Needed

No Work Needed

No Work Needed

No Work Needed

Remove

Remove

No Work Needed

Remove

No Work Needed

Remove

Remove

Save

Remove

Save

Remove

ot, trunk & top damage; cavity, dieback

outside LOD. Due to Root Impact, Tree health to

Root, trunk & top damage; decay, dieback,

Root, trunk & top damage; decay, dieback

loot, trunk & top damage; decay, dieback

Root, trunk & significant top damage, needs

Root, trunk & significant top damage, needs

Trunk & top damage, decay, branching, dieback

Root, trunk & top damage, decay, dieback, v-

Trunk & top damage, decay, branching, dieback

Root, trunk & top damage, decay, beaver damage

Root, trunk & top damage, decay, V-fork,

Root, trunk & top damage, dieback, decay,

Frunk & top damage, needs pruning, dieback, v-

Root, trunk & top damage, dieback, decay, cavity,

Frunk & top damage, decay, cavity, branching,

Frunk & top damage, decay, needs pruning,

Root, trunk & top damage, decay, dieback,

Root, trunk & top damage, dieback, decay,

Fair Trunk & top damage, decay, branching, dieback

72 Fair Root, trunk & top damage; decay, dieback

66 Poor Root, trunk & top damage, decay, beaver

ollen areas 75 Fair Root, trunk & top damage, decay

59 Poor Root, trunk & top damage, dieback decay, cavity

69 Poor Root, trunk & top damage, dieback decay, cavity

Good Trunk & top damage, decay, dieback

Root, trunk & top damage, decay

84 Good Root & top damage, dieback

91 Excellent Top damage, dieback

Fair Root, trunk & top damage, decay

43 84 Good Top damage, needs prunding, dieback

p damage, branching, decay, dieback, stunted

runk & top damage, dieback, seepage,

75 Fair Trunk & top damage, dieback, branching

63 Poor Root, trunk & top damage; decay, dieback

63 Poor Root, trunk & top damage; decay, dieback. Tree

e evaluated post construction.

ining, dieback, decay, cavity

ining, dieback, decay, cavity

Excellent Branching issues, decay, needs pruning; dieback

Poor

Poor

Poor

Poor

Fair

Fair

Poor

Poor

Good

33 81 Good Top damage & dieback

Poor

Fair

53 84 Good Trunk & top damage

78 Fair

91 Excellent Top damage & dieback

46 72 Fair Root, trunk & top damage, dieback, decay

72 Fair Trunk & top damage, decay, dieback

78 Fair Root, trunk & top damage, decay, dieback

56 Poor Root, trunk & top damage, decay, dieback

34 81 Good Root & top damage, dieback

78

78

5 Yellow Poplar Liriodendron tulipifera 56 84 Good Trunk & top damage, dieback

	Web Soils Survey Soils Table Pr		1 1						STAND A	
Map	Map Unit Name	K-Factor	Hydrologic Group	Hydric	Drainage Class	1	Dominant		Southern Rec	l Oak, White Oak, Beech,
Unit		(Whole Soils)	Group	(Rating)		1	species Codominant		Hickory, Yel Sweetgum, B	llow Poplar Blackgum, Sycamore
CcC	Christiana-Downer complex 5-10% slopes	0.49	D	Partial (5)	Moderately well drained	2	species Forest Association		52 - White O Red Oak	ak, Black Oak, Northern
CcD	Christiana-Downer complex 10-15% slopes	0.49	D	Partial (5)	Moderately well drained	3	Successiona 1 Stage			ed Hardwoods
СсЕ	Christiana-Downer complex 15-25% slopes	0.49	D	Partial (5)	Moderately well drained	4	Basal area in s.f. per acre		86	
CdD	Christiana-Downer-Urban land complex 5-15% slopes	0.49	D	No (0)	Moderately well drained	5	Size class of dominant species		20-30 Inches	
EnA	Elkton-Urban land complex, 0-2% slopes	0.43	C/D	Yes (70)	Poorly drained	6	Percent canopy		78%	
FaA	Fallsington sandy loam, 0-2% slopes	0.2	B/D	Yes (85)	Poorly drained	7	coverage Number of		8	
Is	Issue silt loam, occasionally flooded	0.37	B/D	Partial (10)	Somewhat poorly drained		Tree Species Common understory		Beech,	
Iu	Issue-Urban land complex, occasionally flooded	0.37	B/D	Partial (10)	Somewhat poorly drained	9	species Percent of ur		10%	
RcB	Russett-Christiana complex, 2-5% slopes	0.28	С	Partial (5)	Moderately well drained	10	cover - 3' to 20' tall Number of woody plant species - 3' to 20' tall			
RuB	Russett-Christiana-Urban land complex, 0-5% slopes	0.49	D	No (0)	Moderately well drained	11	1 Common Beech, Sweetgum, Hickory herbaceous Virginia Creeper, Woods N species Ivy, Blackberry, assorted g		eper, Woods Nettle, Poiso	
SnB	Sassafras-Urban land complex, 0-5% slopes	0.24	В	No (0)	Well Drained	12	P (1.1	1	62%	
UdaF	Udorthents, highway, 0-65% slopes			No (0)	Well Drained	12	Percent herb coverage - 0'	to 3' tall	62%	
UrbB	Urban land-Beltsville complex, 0-5% slopes		D	No (0)		13	List of major	Overstory	0%	None
UrkB	Urban land-Issue complex, 0-5% slopes, occasionally flooded		D	No (0)			invasive plant species and	Understory	24%	Bradford Pear
UrrB	Urban land-Russett-Christiana complex, 0-5% slopes		D	No (0)			percent of coverage	Herbaceous		Japanese Honeysuckle,
UrsB	Urban land-Sassafras complex, 0-5% slopes		D	No (0)						Multiflora Rose, Japane Knotweed, Bradford Pe
WoA	Woodstown sandy loam, 0-2% slopes	0.28	С	Partial (5)	Moderately well drained	14	Number of strees 6" dbh		3	
te 1. Taken	from: USDA, NRCS, Web Soil Survey (WSS) availa	able online at	http://websoi	lsurvey.nrcs.us	da.gov	15	Comments			lland on slopes abutting
te 2. * Soils	designated with an asterisk are found within 10	0-foot of the	property bour	ndary but not w	ithin				damage	eas with significant Beaver
ne limits of th			· · ·	<u> </u>			Number of trees per acre		108	
ote 3. Items v	with no information are reflected in accordance	with the infor	mation availab	ole on the Web	Soil		Average Dia Breast Heigh		23.3	"
rvey Report.								(2211)		

WEB SOILS SURVEY TABLE

SCALE 1" = 200'

Remove

Remove

Remove

Remove

Remove

Remove

Save

Remove

Root, trunk & top damage, decay, dieback, major

outside LOD. Due to Root Impact, Tree health to

Tree outside LOD. Due to Root Impact, Tree health

outside LOD. Due to Root Impact, Tree health to

Fair Root, trunk & top damage, dieback, decay, v-fork.

Fair Trunk & top damage, decay, dieback, girdling

Fair Root, trunk & top damage, decay, dieback. Tree

e evaluated post construction

to be evaluated post construction

be evaluated post construction

Fair Root, trunk & top damage, decay. Tree outside

Good Root & top damage, dieback. Tree outside LOD.

Good Top damage, dieback. Tree outside LOD. Due to

Poor Trunk & top damage, dieback, decay, beaver

Poor Root, trunk & top damage, dieback, decay

Due to Root Impact, Tree health to be evaluated

Root Impact, Tree health to be evaluated post

Root, trunk & top damage, dieback, decay,

Invasive, root, trunk & top damage, dieback,

Invasive, root, trunk & top damage, dieback,

Invasive, root, trunk & top damage, dieback,

Root, trunk & top damage, dieback, decay,

Root, trunk & top damage, dieback, decay,

Root, trunk & top damage, dieback, decay,

unk & top damage, decay, dieback Root, trunk & top damage, dieback, decay,

69 Poor root, trunk, & top damage, dieback, cavity decay Remove

evaluated post construction.

Poor Trunk & top damage, dieback, decay

LOD. Due to Root Impact, Tree health to be

Fair Root, trunk & top damage, decay, dieback. Tree

ranches fell

38 78 Fair Root & top damage, dieback

31 78 Fair Trunk & top damage, dieback, decay

35 72 Fair Root, trunk & top damage, dieback, decay

34 78 Fair Root, trunk & top damage, dieback, decay

32 Fair Root, trunk & top damage, dieback, decay

35 72 Fair Root, trunk & top damage, dieback, decay

38 63 Poor Root, trunk & top damage, dieback, decay.

39 66 Poor Root, trunk & top damage, dieback, decay

37 66 Poor Root, trunk & top damage, dieback, decay

31 75 Fair Root, trunk & top damage, dieback, decay

Poor

42 84 Good Trunk & top damage, decay, dieback

31 75 Fair Trunk & top damage, decay, dieback

Good Top damage & dieback

46 66 Poor Root, trunk & top damage, dieback, decay

35 84 Good Top damage, dieback, branching

40 78 Fair Trunk & top damage, decay, dieback

31 78 Fair Trunk & top damage, decay, dieback

65 Yellow Poplar Liriodendron tulipifera 36 66 Poor Root, trunk & top damage, dieback, decay

70 Yellow Poplar Liriodendron tulipifera 33 78 Fair Root, trunk & top damage, dieback, decay

66

69

Preservation Comments

Remove

Remove

Remove

Remove

Remove

Root prune, prune deadwood, and

fertilize

Root prune, prune deadwood, and

fertilize

Root prune, prune deadwood, and

fertilize

Remove

Remove

Remove

Remove

Remove

Remove

Root prune, prune deadwood, and

fertilize

Remove

Remove

Remove

fertilize

No Work Needed

No Work Needed

No Work Needed

Root prune, prune deadwood, and

fertilize

Remove

Remove

Remove

Remove

Remove

fertilize

fertilize

Remove

No Work needed

Root prune, prune deadwood, and

ot prune, prune deadwood, and

ot prune, prune deadwood, and

			STAND A			STAND B			STAND C	
1	Dominant species		Southern Red Hickory, Yel	Oak, White Clow Poplar	Dak, Beech,	Bradford Pear	r		Red Maple, S	Sweetgum, Sycamore, A
1	Codominant species		Sweetgum, B	lackgum, Syca	amore	Bradford Pear		Yellow Poplar, River Birch, Blackgum, Bradford Pear		
2	Forest Association		52 - White Oak	ak, Black Oak	, Northern	Not classified by SAF		108 - Red Ma	ple	
3	Successiona 1 Stage		Mature Mixe	Mature Mixed Hardwoods		Early Succession Invasive Hardwoods		Immature Bo	ttomland Hardwood	
4	Basal area in s.f. per acre		86		33		97			
5	Size class of dominant species		20-30 Inches		2-6 Inches		12-20 Inches			
6	Percent canopy coverage		78% 8		87%		82%			
7	Number of Tree Species		8 1		1		8			
8	Common understory species		Beech,	Beech,		Sweetgum, Red Maple		Red Maple, Sweetgum		
9	Percent of un cover - 3' to 2	derstory 20' tall	10%		11%		12%			
10	Number of w species - 3' to		1		1			1		
11	Common herbaceous species		Beech, Sweetgum, Hickory, Grape, Virginia Creeper, Woods Nettle, Poison Ivy, Blackberry, assorted grasses		Sweetgum, Blackgum, Southern Red Oak, Yellow Poplar, Hickory, Red Maple, Poison Ivy, Virginia Creeper, Pokeweed, Grape, assorted grasses		Sweetgum, Red Maple, Woods Nettle assorted ferns, assorted grasses			
12	Percent herba	ceous plant to 3' tall	62%	62%		38%			97%	
13	List of major invasive plant	Overstory	0%	None		71%	Bı	Bradford Pear	3%	Bradford Pear
	species and percent of coverage	Understory	24%	Bradford Pea	ar	24%	Bı	radford Pear	0%	None
		Herbaceous	44%		neysuckle, ose, Japanese Bradford Pear	26%	M M	apanese Honeysuckle, Iultiflora Rose, Iile-a-minute, Bradford ear	90%	Japanese Knotweed
14	Number of st trees 6" dbh o	anding dead or greater	3			0	110		23	I
15	Comments		Mature wood wetlands, are damage	land on slopes as with signifi	s abutting cant Beaver	Early success percent Bradf	sion ford	n stand with nearly 100 d Pear		h past and present Beav y invasive in herbaceou
	Number of trees per acre		108			623			340	
	Average Diar Breast Heigh		23.3	"		3	"		8.5	"

ADMINISTRATIVE TRAFFIC ANALYSIS ZONE (COG)

ADMINISTRATIVE TRAFFIC ANALYSIS ZONE (PG)

1139

SITE STATISTICS			GENERAL INFORMATION TABLE				
83.66 AC							
22.57 AC		LAYER CATEGORY	LAYER NAME	VALUE			
61.09 AC		ZONE	ZONING (ZONE)	R-E			
4.99 AC		ZONE	AVIATION POLICY AREA (APA)	NO LUC			
10.46 AC		ADMINISTRATIVE	TAX GRID (TMG)	53-F2			
15.45 AC		ADMINISTRATIVE	WSSC GRID (SHEET 20)	206NE1			
30.04 AC		ADMINISTRATIVE	PLANNING AREA (PLAN AREA)	71A			
2,854 LF		ADMINISTRATIVE	ELECTION DISTRICT (ED)	7			
		ADMINISTRATIVE	COUNCILMANIC DISTRICT (CD)	6			
		ADMINISTRATIVE	GENERAL PLAN 2002 TIER	DEVELO			
	22.57 AC 61.09 AC 4.99 AC 10.46 AC 15.45 AC 30.04 AC	22.57 AC 61.09 AC 4.99 AC 10.46 AC 15.45 AC 30.04 AC	83.66 AC 22.57 AC 61.09 AC 4.99 AC 10.46 AC 15.45 AC 30.04 AC 2,854 LF LAYER CATEGORY ZONE ZONE ADMINISTRATIVE ADMINISTRATIVE ADMINISTRATIVE ADMINISTRATIVE	83.66 AC 22.57 AC 61.09 AC 4.99 AC 10.46 AC 15.45 AC 30.04 AC 2,854 LF LAYER CATEGORY LAYER NAME LAYER NAME ZONING (ZONE) AVIATION POLICY AREA (APA) TAX GRID (TMG) ADMINISTRATIVE WSSC GRID (SHEET 20) ADMINISTRATIVE PLANNING AREA (PLAN AREA) ADMINISTRATIVE ELECTION DISTRICT (ED) ADMINISTRATIVE COUNCILMANIC DISTRICT (CD)			

NOTE: FOR PURPOSES OF THIS PLAN: FOREST ENHANCEMENT IS DEFINED AS THE

Standard Woodland Conservati	ion Worksheet for Prin	ce George	's County	
SECTION I-Establishing Site Information- (Enter acres	for each zone)			
Zone:	R-E			
Gross Tract:	83.66			
Floodplain:	22.57			
Previously Dedicated Land:	0.00			
Net Tract (NTA):	61.09	0.00	0.00	
TCP Number			Revision#	1
Property Description or Subdivision Name:	TRADITIONS AT	BEECHFIE	LD	
Is this site subject to the 1989 Ordinance?(Y/N)	N			
Is this one (1) single family lot? (YN)	N			

Break event emit(preservation)	10.01	40,00		
Clearing permitted w/o reforestion=	0.14	acres		
SECTION II-Determining Requirements (Enter acres for e	ach correspond	ding column)		
	Column A	Column B	Column C	Column D
	WCT/AFT %	Net Tract	Floodplain	Off-Site
			(1:1)	Impacts (1:1
Existing Woodland		15.45	4.99	
Woodland Conservation Threshold (WCT) =	25.00%	15.27		
Smaller of 13 or 14		15.27		
Woodland above WCT		0.18		
Woodland cleared		4.60	0.15	
Woodland cleared above WCT (smaller of 16 or 17)		0.18		
Clearing above WCT (0.25:1) replacement requirement		0.04		
Woodland cleared below WCT		4.42		
Clearing below WCT (2:1 replacement requirement)		8.85		
Afforestation Required Threshold (AFT)	= 20.00%	0.00		
Off-site WCA being provided on this property		0.00		
Woodland Conservation Required		19.89	acres	

Woodland Conservation Required		19.89	acres		
SECTION III-Meeting the Requirements (Enter acres for eac	h correspon	ging column)			
Woodland Preservation		4.83	T 12 T	a francisco de la factorio	
Afforestation / Reforestation		0.98	Bond amount:	\$ 34,238.1	16
Natural Regeneration		0.00			
Landscape Credits		1.64			
Specimen/Historic Tree Credit (CRZ area * 2.0)	0.00	0.00	7		
Forest Enhancement Credit (Area * 1.00)	6.08	6.08	*		Т
Street Tree Credit (Existing or 10-year canopy coverage)		0.00			
Area approved for fee-in-lieu/PFA		0.00	Fee amount:	\$0.	.00
Area approved for fee-in-lieu/non-PFA		0.00	Fee amount:	\$0.	.00
Off-site Woodland Conservation Credits Required		6.36			
Off-site WCA (preservation) being provided on this property		0.00			
Off-site WCA (afforestation) being provided on this property		0.00	7,17		
Woodland Conservation Provided		19.89	acres		
Area of woodland not cleared	10.85	acres			
Net tract woodland retained not part of requirements:	6.02	acres			
100-floodplain woodland retained	4.84	acres			
On-site woodland conservation provided	11.89	acres			
On-site woodland retained not credited	10.86	acres			
	0.00				

CONSIDERED WOODLAND BUT WILL INCLUDE INVASIVE SPECIES REMOVAL AND TREE PLANTING.

—— DOMAL ANLA AT HISTON
STORMWATER, GRADING, STORM DRAIN PLANS SUBJECT TO CHANGE/ APPROVAL GEORGE'S COUNTY DPIE. REFER TO APP PERMIT PLANS FOR CONSTRUCTION.

GROSS TRACT AREA	83.66 AC
EXISTING 100-YEAR FLOODPLAIN	22.57 AC
NET TRACT AREA	61.09 AC
EXISTING WOODLAND IN THE FLOODPLAIN	4.99 AC
EXISTING WOODLAND NET TRACT	10.46 AC
EXISTING WOODLAND TOTAL	15.45 AC
EXISTING PMA	30.04 AC
REGULATED STREAMS (LINEAR FEET OF CENTERLINE)	2,854 LF

EST
EES
rge's County
ige s county
111111111111111111111111111111111111111

SECTION I-Establishing Site Information- (Enter acre	s for each zone)			
Zone:	R-E			
Gross Tract:	83.66			
Floodplain:	22.57			
Previously Dedicated Land:	0.00			
Net Tract (NTA):	61.09	0.00	0.00	
TCP Number			Revision#	1
Property Description or Subdivision Name:	TRADITIONS AT	BEECHFIEL	D	

TCP Number		Revision #
Property Description or Subdivision Name:	TRADITION	NS AT BEECHFIELD
Is this site subject to the 1989 Ordinance?(Y/N)	N	
Is this one (1) single family lot? (Y,N)	N	
Are there prior TCP approvals which include a	Y	
combination of this lot/s? (Y,N)		
Is any portion of the property in a WC Bank?	N	
Break-even Point (preservation) =	15.31	acres
Clearing permitted w/o reforestion=	0.14	acres

	Column A	Column B	Column C	Column D
	WCT/AFT %	Net Tract	Floodplain	Off-Site
		- 7.75	(1:1)	Impacts (1:1)
Existing Woodland		15.45	4.99	
Woodland Conservation Threshold (WCT) =	25.00%	15.27		
Smaller of 13 or 14		15.27		
Woodland above WCT		0.18		
Woodland cleared		4.60	0.15	
Woodland cleared above WCT (smaller of 16 or 17)		0.18		
Clearing above WCT (0.25:1) replacement requirement		0.04		
Woodland cleared below WCT		4.42		
Clearing below WCT (2:1 replacement requirement)	100 53 637	8.85		
Afforestation Required Threshold (AFT) =	20.00%	0.00		
Off-site WCA being provided on this property	J	0.00		
Woodland Conservation Required		19.89	acres	

Woodland Preservation		4.83		
Afforestation / Reforestation		0.98	Bond amount:	\$ 34,238.16
Natural Regeneration		0.00		
Landscape Credits		1.64		
Specimen/Historic Tree Credit (CRZ area * 2.0)	0.00	0.00		
Forest Enhancement Credit (Area * 1.00)	6.08	6.08	*	
Street Tree Credit (Existing or 10-year canopy coverage)		0.00		
Area approved for fee-in-lieu/PFA		0.00	Fee amount:	\$0.00
Area approved for fee-in-lieu/non-PFA		0.00	Fee amount:	\$0.00
Off-site Woodland Conservation Credits Required		6.36		
Off-site WCA (preservation) being provided on this property		0.00		
Off-site WCA (afforestation) being provided on this property		0.00	7,17	
Woodland Conservation Provided		19.89	acres	
Area of woodland not cleared	10.85	acres		
Net tract woodland retained not part of requirements:	6.02	acres		
100-floodplain woodland retained	4.84	acres		
On-site woodland conservation provided	11.89	acres		
On-site woodland retained not credited	10.86	acres		
Prepared by:	QLP?	Marka : P	7/1/2020	
117071771	10:00	- munimum	Data	

4	AREA OF FOREST ENHANCEMENT INCLUDES 0.06 ACRES OF INVASIVE SPECIES THAT ARE NOT CURRENTL
	CONSIDERED WOODLAND BUT WILL INCLUDE INVASIVE SPECIES REMOVAL AND TREE PLANTING

01	REVISION 01 FOR LAYOUT ADJUSTMENT FOR AVOIDANCE (BURIAL AREA AT HISTORIC SITE.	OF
PLANS SUB GEORGE'S (TER, GRADING, STORM DRAIN AND PAVI JECT TO CHANGE/ APPROVAL BY PRINC COUNTY DPIE. REFER TO APPROVED ANS FOR CONSTRUCTION.	

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
http://www.missutility.net
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST

Sheet Map - Detail

lyssa sylvatica

Fagus grandifolia

Fagus grandifolia

lyssa sylvatica

raxinus sp.

Liriodendron tulipifera

iriodendron tulipifera

iriodendron tulipifera

Liriodendron tulipifera

Fagus grandifolia

Fagus grandifolia

Fagus grandifolia

Fagus grandifolia

Quercus alba

Quercus alba

Ouercus alba

Quercus alba

Liriodendron tulipifera

Liriodendron tulipifera

Liriodendron tulipifera

iriodendron tulipifera

Liriodendron tulipifera

Liriodendron tulipifera

44 Sweetgum Liquidambar styraciflua 38 88 Good Top damage & dieback

46 Yellow Poplar Liriodendron tulipifera 39 91 Excellent Top damage & dieback

49 White Oak Quercus alba 42 91 Excellent Top damage & dieback

50 Beech Fagus grandifolia 33 69 Poor Root, trunk & top damage

Quercus alba

40 Yellow Poplar Liriodendron tulipifera 38

Quercus alba

Quercus alba

Fagus grandifolia

6 Yellow Poplar Liriodendron tulipifera 30

4 Yellow Poplar Liriodendron tulipifera

PLAN VIEW

Common Name

Black Walnut

Hickory

Beech

10 Beech

17 Beech

18 Beech

23 Beech

24 White Oak

25 White Oak

26 Beech

28 White Oak

29 White Oak

30 White Oak

31 Yellow Poplar

34 Yellow Poplar

35 Yellow Poplar

37 Yellow Poplar

39 Yellow Poplar

38 White Oak

43 White Oak

45 White Oak

21 Beech

9 Yellow Poplar

Blackgum

Yellow Poplar

Yellow Poplar

Yellow Poplar

Northern Red Oak Quercus rubra

19 Southern Red Oak Quercus rubra

20 Southern Red Oak Quercus rubra

22 Southern Red Oak Quercus rubra

27 Southern Red Oak Quercus rubra

32 Southern Red Oak Quercus rubra

36 Southern Red Oak Quercus rubra

41 Southern Red Oak Quercus rubra

48 Southern Red Oak Quercus rubra

DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN

ADVANCE OF THE START OF EXCAVATION.

Signed: John P. Markonis	Date: 7/
John P. Markovich	E OF MAR
JM Forestry Services, LLC	S STATE OF ORES
11552 Timberbrook Drive Waldorf, MD 20601	
Phone: 301-645-4977	AND 153 ON MARKON
E-mail: jpmarkovich@comeast_net	OF FORE

OUALIFIED PROFESSIONAL CERTIFICATION

This complies with the current requirements of Subtitle 25 and

NOTE: AN APPROVED FOREST STAND DELINEATION REPORT BY JM FORESTRY SERVICES, PREPARED AUGUST 7, 2015 AND
UPDATED OCTOBER 15, 2015. SPECIMEN TREES WERE LOCATED ON-SITE USING A MOBILE MAPPER 6 GPS, JULY 2015 AND
CONDITION RATING SHEETS UPDATED APRIL 19, 2017.

* APPROVED VARIANCE TO REMOVE SPECIMEN TREE

Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-014-17 Megan Reiser 9/18/20 1/5/2022 ROSP-4785-01 00 Mary Rea

Prince George's County Planning Department, MNCPPC

Dewberry*

4601 FORBES BOULEVARD LANHAM, MD 20706 Engineers Inc. 301.731.0188 (FAX)

> OWNER GREENLIFE PROPERTY GROUP, LLC 2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054

GREENLIFE PROPERTY GROUP, LL 2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054 P: 410.266.5100

APPLICANT

CONTACT: C/O JOHN DIXON

TRADI

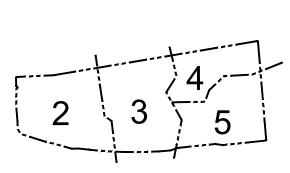
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME. AND THAT I AM A DULY REGISTERED LANDSCAPE

ARCHITECT UNDER THE LAWS OF THE STATE

OF MARYLAND, LICENSE NO. 3772

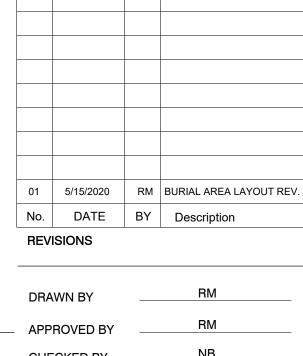
EXPIRATION DATED MAY 13, 2022

KEY PLAN



SCALE

AS SHOWN

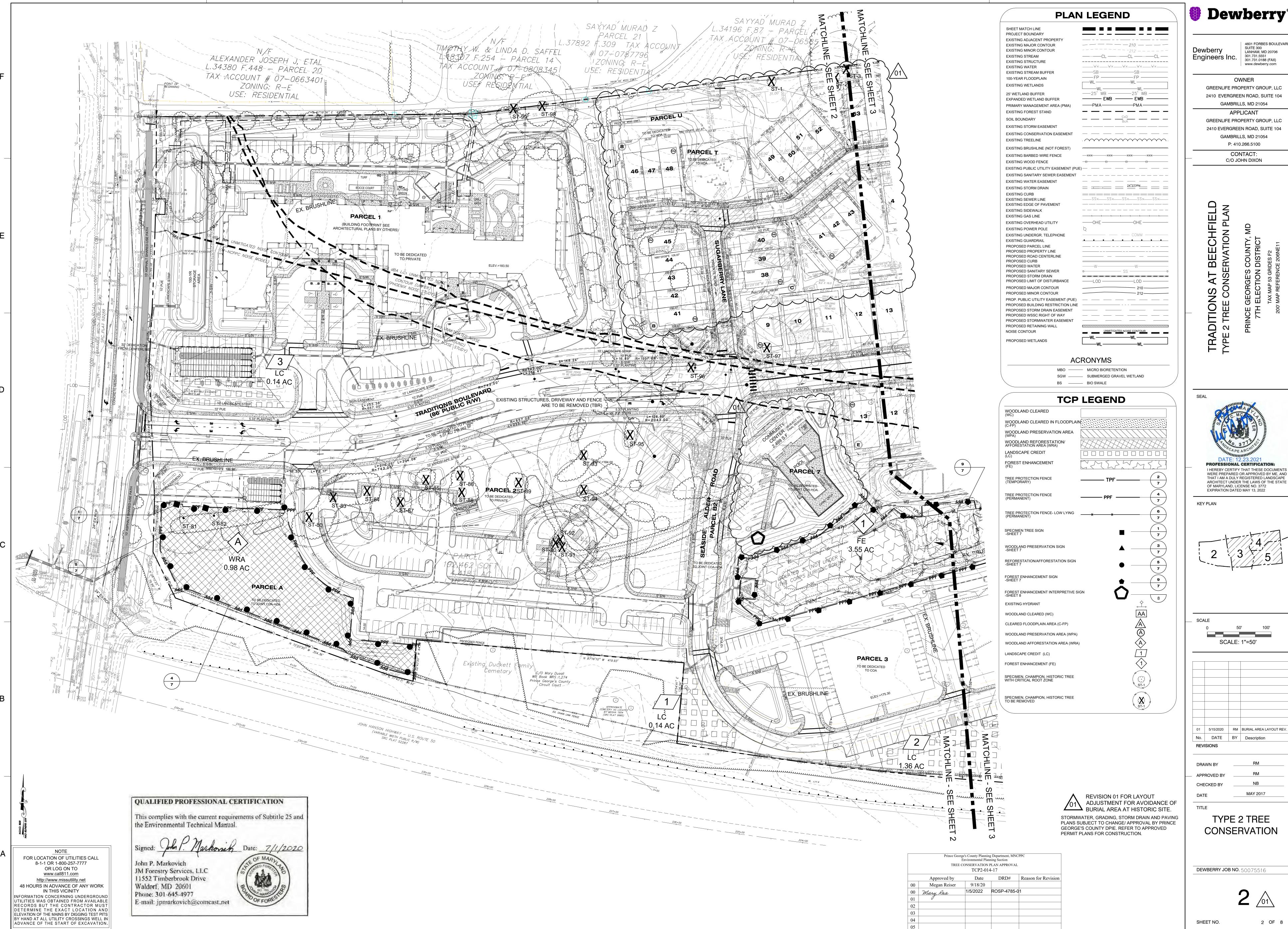


MAY 2017 TITLE TYPE 2 TREE CONSERVATION

DETAIL SHEET

DEWBERRY JOB NO. 50075516

SHEET NO. 1A OF 8



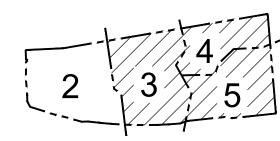
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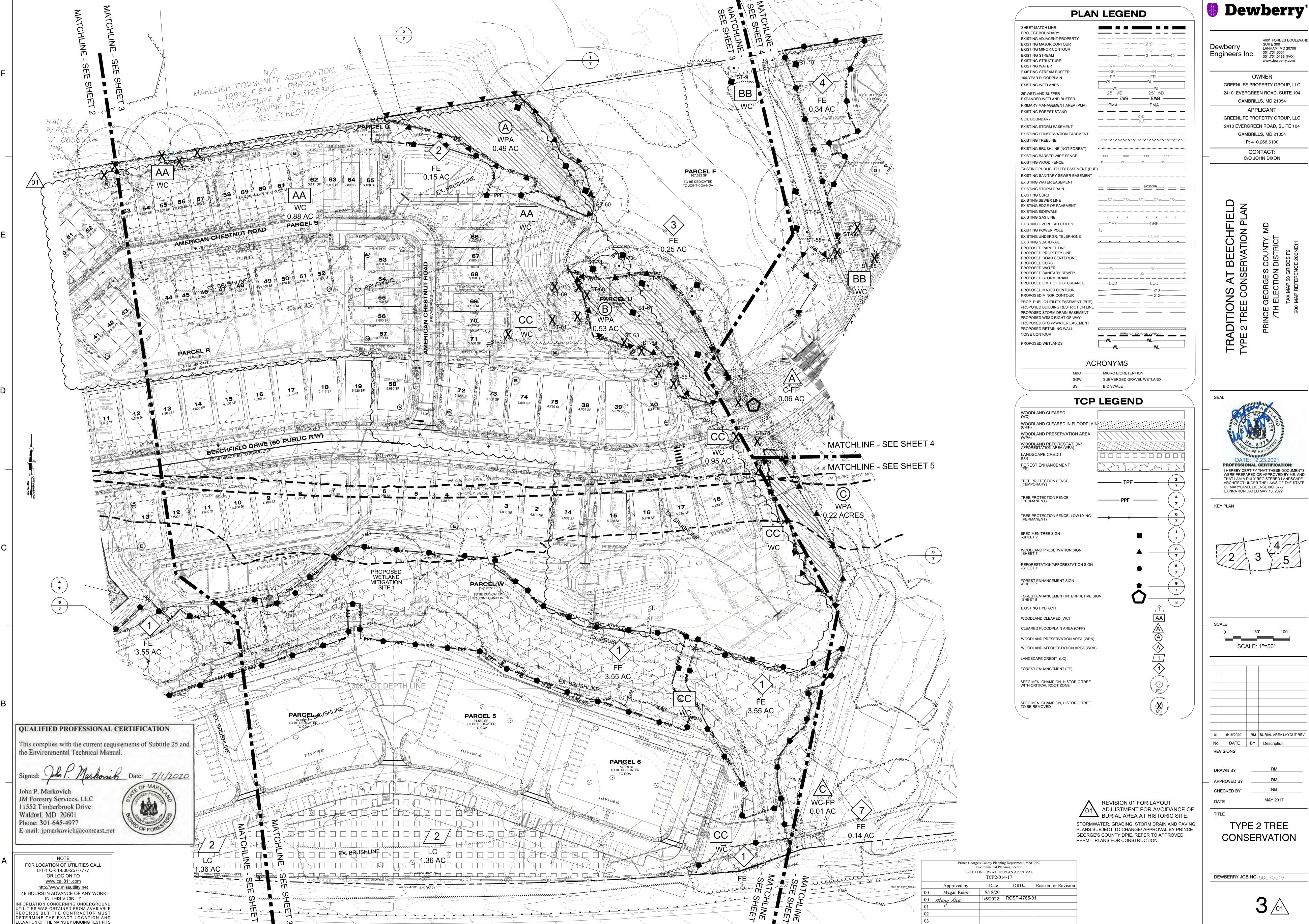
GREENLIFE PROPERTY GROUP, LLC 2410 EVERGREEN ROAD, SUITE 104



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE



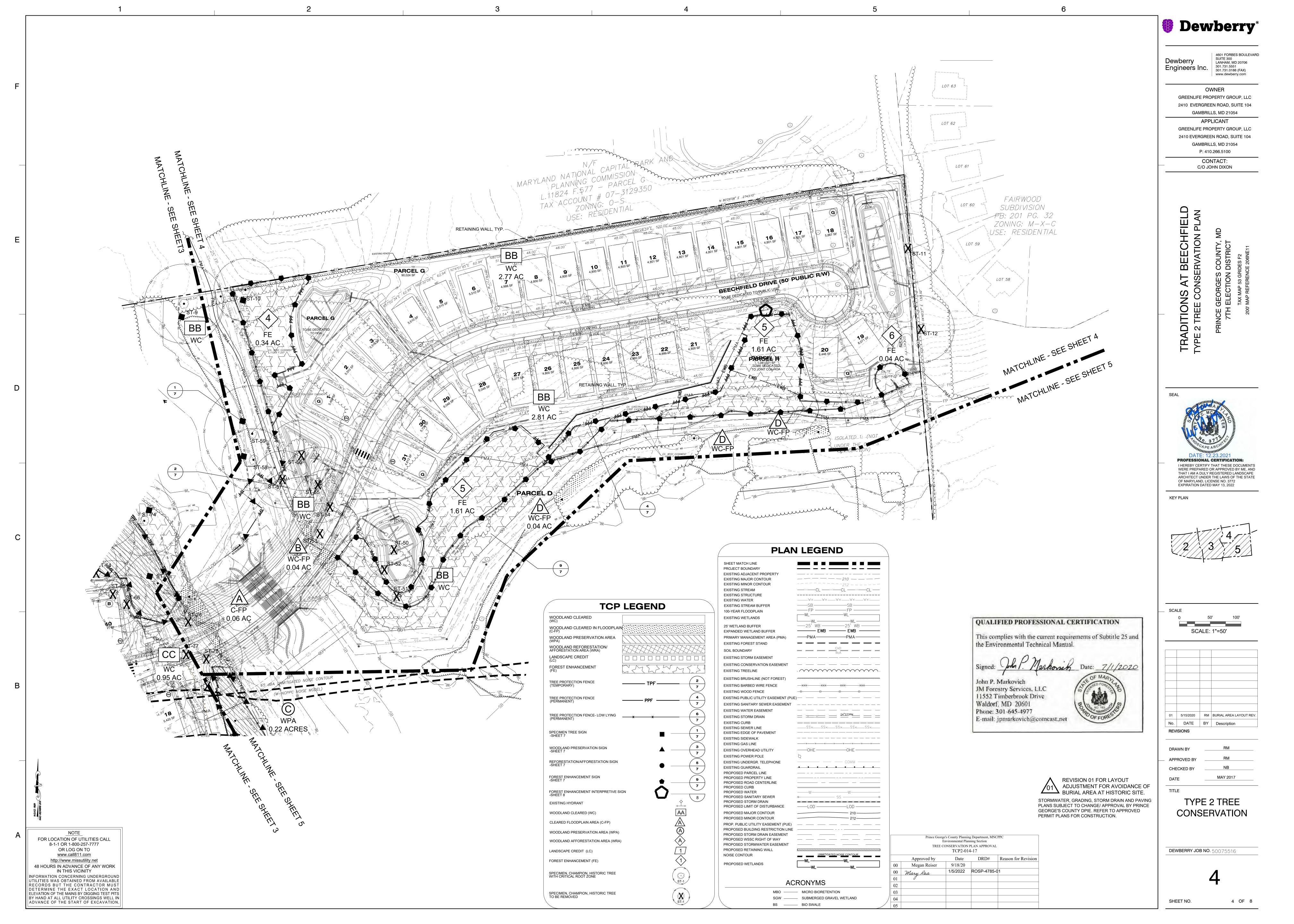
01	5/15/2020	RM	BURIAL AREA LAYOUT REV.
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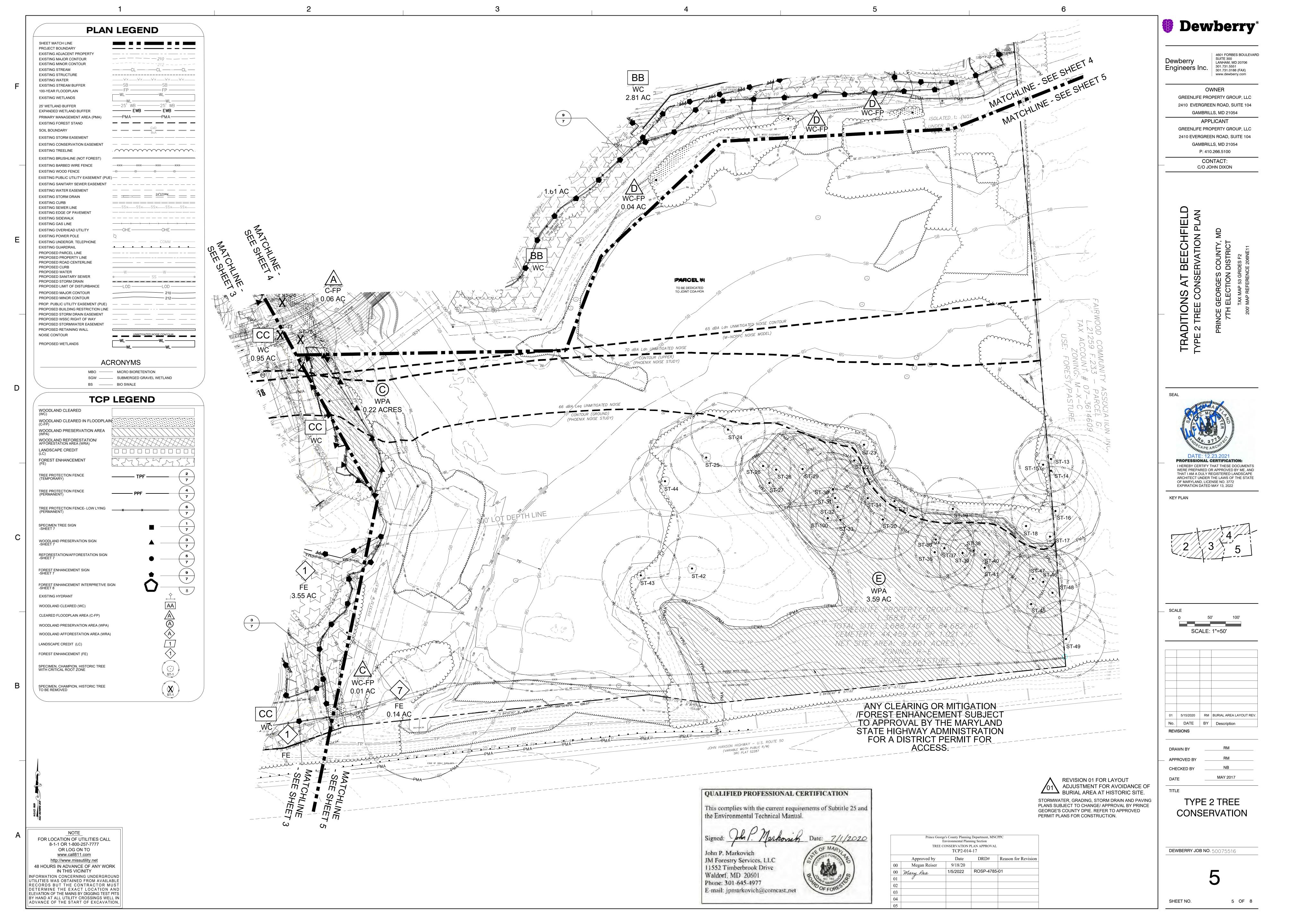


JOHN HANSON HIGHWAY - U.S. ROUTE 50 (VARIARIF WINTH PUBLIC R/W)

BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

SHEET NO. 3 OF 8





2. CUTTING OR CLEARING WOODLANDS NOT IN CONFORMANCE WITH THIS PLAN OR WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PLANNING DIRECTOR OR DESIGNEE SHALL BE SUBJECT TO A \$9.00 PER SQUARE FOOT MITIGATION FEE. 3. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PUBLIC WORKS AND

TRANSPORTATION OR THE DEPARTMENT OF ENVIRONMENTAL RESOURCES. AS APPROPRIATE. SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTRUCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL.

4. THE DEVELOPER OR BUILDER OF THE LOTS OR PARCELS SHOWN ON THIS PLAN SHALL NOTIFY FUTURE BUYERS OF ANY WOODLAND CONSERVATION AREAS THROUGH THE PROVISION OF A COPY OF THIS PLAN AT TIME OF CONTRACT SIGNING. FUTURE PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT.

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 ENVIRONMENTAL STRATEGY AREA (ESA 2) OF PLAN PRINCE GEORGE'S 2035 (FORMERLY THE DEVELOPING

7. THE PROPERTY IS ADJACENT TO ENTERPRISE ROAD (MD-193) WHICH IS A DESIGNATED HISTORIC ROADWAY. 8. THE PROPERTY IS ADJACENT TO ENTERPRISE ROAD (MD-193) WHICH IS CLASSIFIED AS A MASTER PLANNED ARTERIAL ROADWAY AND U.S. 50

(JOHN HANSON HIGHWAY) WHICH IS CLASSIFIED AS A FREEWAY. PLAN IS NOT GRANDFATHERED UNDER CB-27-2010, SECTION 25,117(G). 10. WOODLANDS PRESERVED, PLANTED, OR REGENERATED IN FULFILLMENT OF WOODLAND CONSERVATION REQUIREMENTS ON-SITE HAVE

BEEN PLACED IN A WOODLAND AND WILDLIFE HABITAT CONSERVATION EASEMENT RECORDED IN THE PRINCE GEORGE'S COUNTY LAND

TREE PRESERVATION AND RETENTION NOTES

11. 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.

12. TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN.

RECORDS AT LIBER 43926 FOLIO 481. REVISIONS TO THIS TCP2 MAY REQUIRE A REVISION TO THE RECORDED EASEMENT.

13. 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

14. 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.

15. WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TCF INSTALLATION. THESE SIGNS MUST REMAIN IN PERPETUITY.

REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS

16. 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.

17. 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 TREES HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.

18. DURING THE INITIAL STAGES OF CLEARING AND GRADING, IF HAZARDOUS TREES ARE PRESENT, OR TREES ARE PRESENT THAT ARE NOT HAZARDOUS BUT ARE LEANING INTO THE DISTURBED AREA, THE PERMITEE SHALL REMOVE SAID TREES USING A 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 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.

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

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

20. 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.

INVASIVE SPECIES MANAGEMENT PLAN

SCOPE OF PLAN:

THE REMOVAL OF ONE INVASIVE SPECIES IDENTIFIED IN STAND B, IN THE HEDGEROWS THAT WILL BE EXPANED TO BECOME WOODLANDS AND OTHER INVASIVE SPECIES THAT MAY BE FOUND, TO REDUCE THE AMOUNT OF INVASIVE SPECIES TO LESS THAN TWENTY PERCENT OF THE CANOPY LAYER PER THE REQUIREMENTS OF THE ENVIRONMENTAL TECHNICAL MANUAL

THE MAJORITY OF THE INVASIVE SPECIES ARE BRADFORD PEAR IN THE CANOPY AND UNDERSTORY WHILE JAPANESE HONEYSUCKLE, JAPANESE STILTGRASS, MULTIFLORA ROSE AND MILE-A-MINUTE ARE FOUND IN THE HERBACEOUS LAYERS.

FURTHER REDUCTION OF INVASIVES SPECIES IN THE HERBACEOUS LAYER TO 5 PERCENT OR LESS MAY QUALIFY FOR ADDITIONAL WOODLAND CONSERVATION CREDIT WITH THE APPROVAL OF THE ENVIRONMENTAL PLANNING SECTION.

SITE EVALUATION PRIOR TO CONTROL MEASURE INITIATION

1. AFTER THE LIMIT OF DISTURBANCE HAS BEEN ESTABLISHED IN THE FIELD, ALL AREAS OF THE PROJECT SITE WHERE INVASIVE VEGETATIVE SPECIES CONTROL WILL BE IMPLEMENTED SHALL BE EVALUATED BY, OR UNDER THE SUPERVISION OF, A CERTIFIED ARBORIST OR OTHER APPROPRIATELY QUALIFIED PROFESSIONAL TO DETERMINE QUANTITIES AND EXTENT OF SPECIFIC PLANT SPECIES TO BE CONTROLLED AND TO ASSIGN APPROPRIATE CONTROL MEASURES TO SITE SPECIFIC AREAS.

2. PLANT SPECIES ARE MOST EASILY IDENTIFIED ONCE LEAF OUT HAS OCCURRED AND PRIOR TO LEAF DROP IN THE FALL. THE INITIAL SITE EVALUATION MAY TAKE PLACE AT ANY TIME DURING THE GROWING SEASON, IN CONJUNCTION WITH DETERMINATION AND MARKING OF THE LIMIT OF DISTURBANCE IN THE FIELD.

BEST MANAGEMENT PRACTICES

3. THE RECOMMENDED GUIUDIANCE FOR BMPS FOR INVASIVE SPECIES REMOVAL ARE THOSE FOUND IN "BEST MANAGEMENT PRACTICES FOR CONTROL OF NON-NATIVE INVASIVES" (2009 OR MOST RECENT REVISION) PREPARED BY THE NATURAL RESOURCES STEWARDSHIP SECTION, PARK PLANNING AND RESOURCE STEWARDSHIP DIVISION, MONTGOMERY COUNTY DEPARTMENT OF PARKS, M-NCPPC AND CAN BE FOUND AT: http://www.montgomeryparks.org/PPSD/Natural_Resources_Stewardship/Veg_Management/documents/nni-bestmanagementpractices-jan2015.pdf

INITIATION OF CONTROL MEASURES 4. PRIOR TO BEGINNING INVASIVE CONTROL, IDENTIFY AREAS OF EACH PLANT TO BE ERADICATED. UTILIZE A LICENSED HERBICIDE

APPLICATOR AND OBTAIN APPROVAL FOR USE OF HERBICIDES.

5. PER THE SPECIFIC CONTROL METHODS FOR EACH SPECIES, THERE ARE SEASONAL REQUIREMENTS FOR APPLICATION OF CONTROLS THAT WILL MAXIMIZE SUCCESSFUL IMPLEMENTATION OF CONTROL MEASURES WHICH SHOULD BE TAKEN INTO ACCOUNT WHEN THE SITE EVALUATION IS PERFORMED. THESE REQUIREMENTS SHALL BE DETERMINED BY THE QUALIFIED PROFESSIONAL AND IMPLEMENTED BY A MARYLAND LICENSED HERBICIDE APPLICATOR.

6. 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 OR TO THE HERBACEOUS PLANT. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS AND BE APPLIED BY A MARYLAND CERTIFIED PESTICIDE APPLICATOR.

7. CARE SHALL BE TAKEN NOT TO DAMAGE TRUNKS OF TREES AND NATIVE VEGETATION. ONLY HAND TOOLS SHOULD BE USED TO AVOID UNNECESSARY DISTURBANCE TO NATIVE VEGETATION AND SOIL.

8. MOTORIZED WHEELED EQUIPMENT USED FOR HAULING SHALL NOT BE DRIVEN INTO THE FOREST AREA; IT SHOULD BE PARKED IN THE OPEN AREAS ADJACENT TO THE AREAS WHERE INVASIVE SPECIES ARE BEING CONTROLLED.

9. ALL INVASIVE SPECIES CONTROL WORK SHALL BE DONE BY OR UNDER THE SUPERVISION OF A CERTIFIED ARBORIST OR APPROPRIATE LICENSED/QUALIFIED PROFESSIONAL.

10. ALL CUT VEGETATIVE MATERIAL LESS THAN 2" DIAMETER SHALL BE BAGGED AND DISPOSED OF IN THE LANDFILL; ALL MATERIAL GREATER THAN 2" DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION; MULCHING OF MATERIALS IS NOT PERMITTED ON-SITE AND NOT RECOMMENDED OFF-SITE.

SUBSEQUENT SITE EVALUATIONS

11. THE SITE SHOULD BE EVALUATED ONCE MONTHLY ONCE CONTROL MEASURES HAVE BEEN INITIATED EACH GROWING SEASON, BETWEEN APRIL AND NOVEMBER OF EACH YEAR, TO MONITOR SUCCESS OF CONTROL MEASURES AND DETERMINE RECOMMENDATIONS FOR FURTHER ACTION BASED ON FIELD CONDITIONS.

12. ALL SITE EVALUATIONS SHOULD BE PERFORMED BY, OR UNDER THE SUPERVISION OF, A CERTIFIED ARBORIST OR OTHER APPROPRIATELY QUALIFIED PROFESSIONAL. WRITTEN REPORTS OF SITE CONDITIONS FOUND DURING EACH SITE EVALUATION ALONG WITH RECOMMENDATIONS FOR FURTHER ACTION. SHOULD BE PREPARED BY THE SITE EVALUATOR WHICH SHOULD THEN BE SUBMITTED TO. REVIEWED. AND APPROVED BY THE SITE INSPECTOR.

FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO www.call811.com http://www.missutility.net 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

INVASIVE SPECIES MANAGEMENT PLAN CONTINUED

PROPOSED MAINTENANCE PLAN

13. MAINTENANCE SHOULD OCCUR BETWEEN MARCH - NOVEMBER FOR A MINIMUM OF 4 YEARS. AFTER 2 YEARS THE SITE SHOULD BE EVALUATED FOR SUCCESS OF INVASIVES CONTROL AND MONITORED ANNUALLY UNTIL ALL INVASIVES HAVE BEEN SUCCESSFULLY ERADICATED TO A LEVEL OF LESS THAN 20 PERCENT. SINCE INVASIVES LIKELY OCCUR ON ADJACENT PROPERTIES, IT IS LIKELY THAT THE SITE WILL REQUIRE CONTINUOUS MONITORING TO ENSURE ADEQUATE INVASIVES CONTROL.

14. INVASIVE PLANT REMOVAL SHALL BE COMPLETED PRIOR TO COMPLETION OF THE 4 YEAR MAINTENANCE AND MANAGEMENT PLAN AND CONFORM TO THE RECOMMENDATIONS OF THIS INVASIVE PLANT REMOVAL PLAN.

CONTROL OF THE JAPANESE STILTGRASS IS NOT FEASIBLE WITHOUT WATERSHED WIDE CONTROL OF ALL UPSTREAMS AREAS SINCE THIS IS AN ANNUAL THAT GROWS FROM SEEDS CARRIED BY ANIMALS AND FLOOD WATERS AND THIS SPECIES IS PRIMARILY LOCATED WITH THE FLOODPLAIN ON THIS PROPERTY.

INVASIVE SPECIES NOTES

a. INVASIVE PLANT REMOVAL SHALL BE COMPLETED PRIOR TO COMPLETION OF 2 YEAR MAINTENANCE AND MANAGEMENT PLANS AND CONFORM TO THE RECOMMENDATIONS OF THE INVASIVE PLANT REMOVAL PLAN SHOWN ON THE PLAN.

b. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS AND BE APPLIED BY A CERTIFIED PESTICIDE APPLICATOR.

AFFORESTATION AND REFORESTATION NOTES:

1. ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FOOTAGE, SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF ANY PERMITS. THESE BONDS WILL BE RETAINED AS SURETY UNTIL ALL REQUIRED ACTIVITIES HAVE BEEN SATISFIED OR THE REQUIRED TIMEFRAME FOR MAINTENANCE HAS PASSED, WHICHEVER IS LONGER.

2. THE PLANTING OF AFFORESTATION OR REFORESTATION AREAS SHALL BE COMPLETED PRIOR TO 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 FROM NOVEMBER THROUGH MAY ONLY. NO PLANTING SHALL BE DONE WHILE THE GROUND IS FROZEN. PLANTING WITH LARGER CALIPER STOCK OR CONTAINERIZED STOCK MAY BE DONE AT ANY TIME

PROVIDED A DETAILED MAINTENANCE SCHEDULE IS PROVIDED. 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 COUNTY INSPECTOR.

4. 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.

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 THE CLEARING AND GRADING OF THE SITE. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE FENCING IS A VIOLATION OF

AFFORESTATION / REFORESTATION AREAS SHALL BE POSTED WITH NOTIFICATION SIGNAGE, AS SHOWN ON THE PLANS, AT THE SAME TIME AS THE PERMANENT PROTECTION FENCING INSTALLATION. THESE SIGNS SHALL REMAIN IN PERPETUITY.

7. THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTING ON THIS SITE.

8. AT 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

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

10. 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 QUANTITY: (SEE PLANT SCHEDULE)

2. TYPE: (SEE PLANT SCHEDULE)

3. PLANT QUALITY STANDARDS: THE PLANTS SELECTED SHALL BE HEALTHY AND STURDY REPRESENTATIVE 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 ANS 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 SOILS IS MOIST, BUT MAY BE PLANTED FROM MARCH THROUGH NOVEMBER. NO PLANTING SHALL BE DONE WHILE THE GROUND IS FROZEN. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE ISSUANCE OF GRADING/BUILDING PERMITS AND/OR REACHING THE FINAL GRADES AND STABILIZATION OF PLANTING AREAS.

SEEDLING PLANTING: TREE SEEDLINGS SHALL BE HAND PLANTED USING A DIBBLE BAR OR SHARP-SHOOTER SHOVEL. IT IS IMPORTANT THAT THE SEEDLING BE PLACED IN THE HOLE SO THAT THE ROOTS CAN SPREAD OUT NATURALLY; THEY SHALL NOT BE TWISTED, BALLED UP OR BENT. MOIST SOIL SHOULD THEN BE PACKED FIRMLY AROUND THE ROOTS. SEEDLINGS SHOULD BE PLANTED AT A DEPTH WHERE THEIR ROOTS LIE JUST BELOW THE GROUND SURFACE. AIR POCKETS SHOULD NOT BE LEFT AFTER CLOSING THE HOLE WHICH WOULD ALLOW THE ROOTS TO DRY OUT. SEE PLANTING DETAILS FOR FURTHER EXPLANATION. IF THE CONTRACTOR WISHES TO PLANT BY ANOTHER METHOD, THE PREPARER OF THIS TREE CONSERVATION PLAN MUST BE CONTRACTED AND GIVE HIS APPROVAL BEFORE PLANTING MAY BEGIN.

7. SPACING: SEE PLANT SCHEDULE AND/OR PLANTING PLAN FOR SPACING REQUIREMENTS. ALSO REFER TO THE PLANTING LAYOUT DETAIL

FOR A DESCRIPTION OF THE GENERAL PLANTING THEORY. 8. SOIL: UPON THE COMPLETION OF ALL GRADING OPERATIONS, A SOIL TEST SHALL BE CONDUCTED TO DETERMINE WHAT SOIL PREPARATION AND SOIL AMENDMENTS, IF ANY, ARE NECESSARY TO CREATE GOOD TREE GROWING CONDITIONS. SOIL SAMPLES SHALL BE TAKEN AT A RATE THAT PROVIDES ON SOIL SAMPLE FOR EACH AREA THAT APPEARS TO HAVE A DIFFERENT SOIL TYPE (IF THE ENTIRE AREA APPEARS UNIFORM, THEN ONLY ON 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. 9. SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.

10. FENCING AND SIGNAGE: FINAL PROTECTIVE FENCING SHALL BE PLACED ON THE VISIBLE AND/OR DEVELOPMENT SIDE OF PLANTING AREAS. THE FINAL PROTECTIVE FENCE SHALL BE INSTALLED UPON COMPLETION OF PLANTING OPERATIONS UNLESS IT WAS INSTALLED DURING THE INITIAL STAGES OF DEVELOPMENT. SIGNS SHALL BE POSTED PER THE SIGNAGE DETAIL ON THIS SHEET. 11. PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN.

12. MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MULCH (AS NOTED) TO EACH PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN). 13. GROUNDCOVER ESTABLISHMENT: THE REMAINING DISTURBED AREA BETWEEN 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: TBD

17. PRIOR TO RELEASE OF THE BOND FOR FOREST ENHANCEMENT AREAS 4 AND 5 (LOCATED ON THE EASTERN SIDE OF THE STREAM AND AS SHOWN ON THE TYPE 2 TREE CONSERVATION PLAN): 17.1. SPECIMEN TREES 7, 57-60, 67 AND 71-75 SHALL BE EVALUATED FOR LONG-TERM SURVIVAL AS A RESULT OF CONSTRUCTION. IF DETERMINED TO BE HAZARDOUS, THE TREES SHALL BE REMOVED.

17.2. THE WETLAND MITIGATION WORK REQUIREDFOR THE STREAM CROSSING SHALL BE COMPLETED. PHOTOS OF THE MITIGATION AREAS SHALL BE PROVIDED TO THE ENVIRONMENTAL PLANNING SECTION.

LANDSCAPE CREDIT PLANTING SCHEDULE:

1. THE PLANTING SCHEDULE PROVIDED BELOW IS FOR LANDSCAPE CREDITS TOTALING 2.11 ACRES. 2. PLANTING WILL BE DONE IN ACCORDANCE WITH THE LANDSCAPE PLAN.

LANDSCAPE CREDIT P		Acreage	2.11				
		Large	e Caliper Plant	Reforestation	Percent of		
Vegetation	Caliper	Height	Credits/Unit	Туре	Quantity	Credits	Stocking
Shade Trees	2.5"-3"	N/A	6	В&В	96	576	36.64%
Evergreen Trees	N/A	6'-8'	6	В&В	162	972	61.83%
Ornamental Trees	1.5"-1.75"	N/A	4.66	В&В	4	18.64	1.53%
	•		•			17.00.01	100.000/

OUALIFIED PROFESSIONAL CERTIFICATION

This complies with the current requirements of Subtitle 25 and the Environmental Technical Manual.

John P. Markovich JM Forestry Services, LLC

11552 Timberbrook Drive Waldorf, MD 20601 Phone: 301-645-4977 E-mail: jpmarkovich@comeast_net



 $\frac{5}{2}$ FOREST ENHANCEMENT PLANTING SCHEDULES:

THE PLANTING SCHEDULES PROVIDED BELOW ARE USED FOR FOREST ENHANCEMENT AREAS TOTALING 5.95 ACRES AND REFORESTATION AREAS TOTAL 0.98 ACRES. IDENTIFICATION OF LOWLAND/UPLAND AREAS IS SUBJECT TO FIELD CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH DEWBERRY PRIOR TO CONSTRUCTION

. REFER TO DETAIL 9, SHEET 7 FOR FOREST ENHANCEMENT SIGNAGE DESIGN. THE SIGN PLACEMENTS ARE LOCATED ON THE PLAN SHEETS.

Reforestation Area									
FOREST ENHAN	FOREST ENHANCEMENT REFORESTATION PLANT SCHEDULE- LOW LAND AREA Acreage						2.12	Low land plantings	Approx 34%
	Species		Large Caliper Planting Stock Re			Reforestation	Percent of	Min. Req.	
Botanical Name	Common Name	Caliper	Caliper Height Credits/Unit Type Quantity				Credits	Stocking	Per Acre
Low Land Areas									
Betula nigra	River Birch	1"		1	B&B	160	160	25.2%	300/Ac
Quercus bicolor	Swamp White Oak	1"		1	B&B	160	160	25.2%	300/Ac
Salix nigra	Black Willow	1"		1	В&В	160	160	25.2%	300/Ac
Taxodium distichum	Bald Cypress	1"		1	В&В	159	156	24.5%	300/Ac
Total Trees 639									
Reforestation Units 636									
Total Reforestation Units Required							636		
Excess 0									
Substitution Species: Ulmus am	ericana								

							station Area		
FOREST ENHANCE	MENT REFORESTATION PLANT SCH	HEDULE- S	SLOPED A	AREA		Acreage	4.93	Sloped plantings	Approx. 71%
				Large Caliper Planting Stock R			Reforestation	Percent of	Min. Req.
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Credits	Stocking	Per Acre
Sloped Areas									
Celtis occidentalis	Hackberry	1"		1	B&B	370	370	25.0%	300/Ac
Liriodendron tulipifera	Yellow Poplar	1"		1	B&B	370	370	25.0%	300/Ac
Quercus palustris	Pin Oak	1"		1	B&B	370	370	25.0%	300/Ac
Tilia americana	American Linden	1"		1	B&B	370	370	25.0%	300/Ac
					Total Trees	1,480			
					Reforestation Units		1,480		
				Total Reforestation Units Required			1,479		
						Excess	1		

ubstitution Species: Liquidambar styraciflua FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS

FIELD CHECK THE RE-AFFORESTATION AREA ACCORDING TO THE FOLLOWING SCHEDULE

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 MIN.)

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.

POST DEVELOPMENT NOTES

YEAR 1: SITE PREPARATION AND TREE PLANTING

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 GRINDING OF THE STUMPS IN THE WOODLAND CONSERVATION AREA IS NOT PERMITTED.

IF A TREE OR PORTION THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREAS 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.

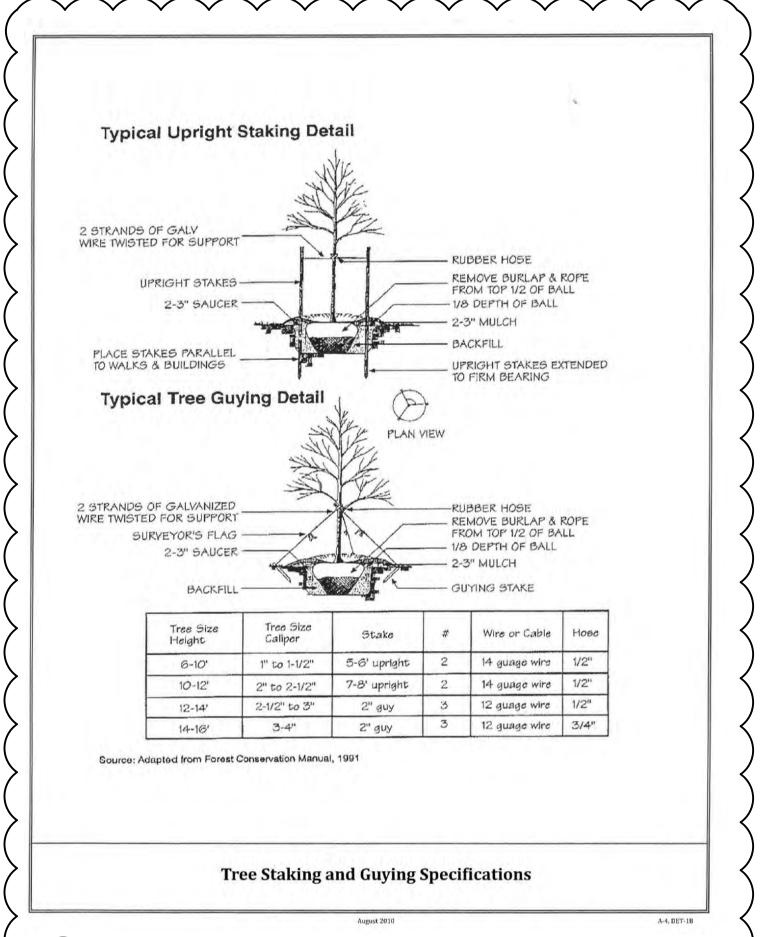
b. THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAIN SAW). THESE PLANTS MAY BE CUT NEAR THE GROUND AND MATERIAL LESS THAN TWO INCHES DIAMETER MAY BE REMOVED FROM THE AREA AND DISPOSED 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, THUS ENCOURAGING DECOMPOSITION.

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

PROTECTION OF REFORESTATION AND AFFORESTATION AREAS BY INDIVIDUAL HOMEOWNERS

a. REFORESTATION FENCING AND SIGNAGE SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN. b. 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.

SAFETY EQUIPMENT, OR BY INDIVIDUALS NOT TRAINED IN THE USE OF THIS EQUIPMENT FOR THE PRUNING AND/OR CUTTING OF TREES.



TREE STAKING AND GUYING SPECS

REVISION 01 FOR LAYOUT ADJUSTMENT FOR AVOIDANCE OF GEORGE'S COUNTY DPIE. REFER TO APPROVED

BURIAL AREA AT HISTORIC SITE. STORMWATER, GRADING, STORM DRAIN AND PAVING PLANS SUBJECT TO CHANGE/ APPROVAL BY PRINCE PERMIT PLANS FOR CONSTRUCTION.

TREE CONSERVATION PLAN APPROVAL TCP2-014-17 DRD# Reason for Revision Date Approved by 9/18/20 Megan Reiser 1/5/2022 ROSP-4785-01 Mary Rea

4601 FORRES BOULEVARD Dewberry LANHAM. MD 20706 301.731.5551 Engineers Inc. 301.731.0188 (FAX)

> GREENLIFE PROPERTY GROUP, LLC 2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054 APPLICANT

OWNER

GREENLIFE PROPERTY GROUP, LLC 2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054 P: 410.266.5100

CONTACT: C/O JOHN DIXON

ELD

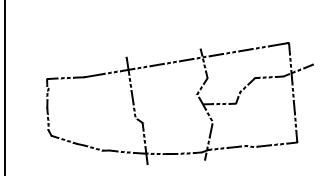
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2

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME. AN THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3772 **EXPIRATION DATED MAY 13, 2022**

KEY PLAN



SCALE

01 5/15/2020 RM BURIAL AREA LAYOUT REV

No. DATE BY Description **REVISIONS** APPROVED BY

TITLE TYPE 2 TREE

CONSERVATION

MAY 2017

CHECKED BY

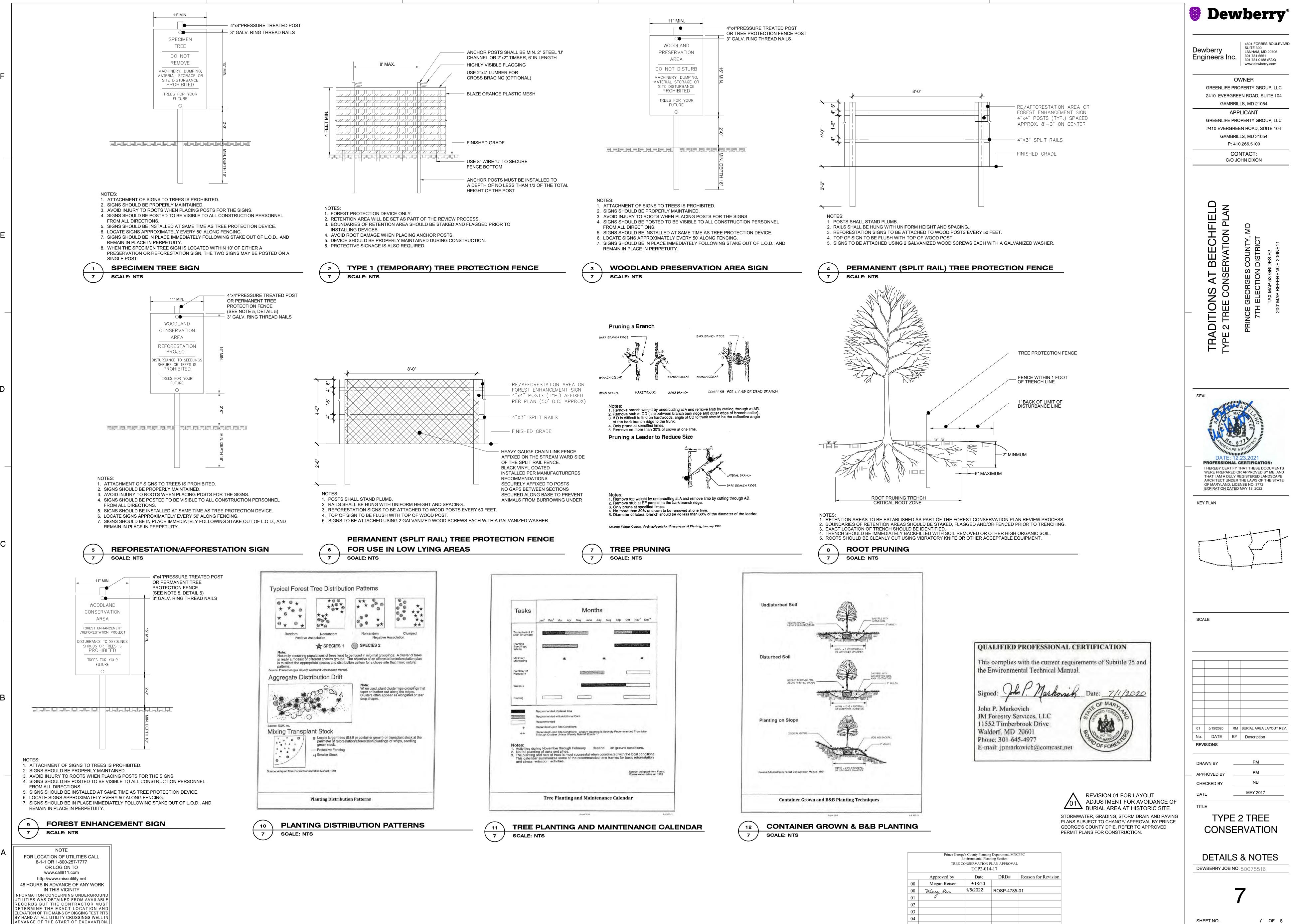
DATE

DETAILS & NOTES

DEWBERRY JOB NO. 50075516

SHEET NO.

6 OF 8



GREENLIFE PROPERTY GROUP, LLC 2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054

GREENLIFE PROPERTY GROUP, LLC 2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054

C/O JOHN DIXON

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE

01 5/15/2020 RM BURIAL AREA LAYOUT REV. No. DATE BY Description

MAY 2017

CONSERVATION

7 OF 8

FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO www.call811.com http://www.missutility.net 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND

ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN

ADVANCE OF THE START OF EXCAVATION.



LANDSCAPE CREDIT PLANTING SCHEDULE:

LANDSCAPE A REA #2

PLANTING WILL BE DONE IN ACCORDANCE WITH THE LANDSCAPE PLAN. SEE LANDSCAPE PLAN FOR THE SPECIES. QUANTITY AND LOCATION. THE SCHEDULES BELOW ARE A REFLECTION OF THE FINAL PLANTINGS IN THE LANDSCAPE PLAN, AND ARE NOT IN ADDITION TO THE FINAL LANDSCAPE PLAN.

	LANDSCAPE AREA #1	_				Acreage	0.14		
	Species			Caliper Plantin	g Stock		Referestation	Percent of	Min. Req.
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Credits	Stocking 9 3.8% 19 7.7% 9 3.8% 28 11.5% 14 5.7% 12 4.5% 16 6.5% 30 12.2% 16 5.7% 12 5.0% 79 32.3%	Per Acre
Betula nigra	River Birch	2.5-3"		4.667	B&B	2	9	3.8%	150/.Ac
Celtis occidentalis	Common Hackberry	2.5-3"		4.667	B&B	4	19	7.7%	150/Ac
Fagus grandifolia	American Beech	2.5-3"		4.667	B&B	2	9	3.8%	150/Ac
llexopaca	American Holly		6'-8'	4.667	B&B	6	28	11.5%	150/Ac
Pinus virginiana	Virginia Pine		6'-8'	4.667	B&B	3	14	5.7%	150/Ac
ltea virginica	Virginia Sweetspire	3 Gal.		1.75	Cont	7	12	4.5%	400/Ac
Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	3 Gal.		1.75	Cont	9	16	6.5%	400/Ac
llex glabra 'Compacta'	Compact linkberry Holly	3 Gal.		1.75	Cont	17	30	12.2%	400/Ac
llex verticillata	Winterberry	3 Gal.		1.75	Cont	9	16	5.7%	400/Ac
Lindera benzoin	Spicebush	3 Gal.		1.75	Cont	7	12	5.0%	400/Ac
Viburnum dentatum	Arrowwood Viburnum	3 Gal.		1.75	Cont	45	79	32.3%	400/Ac
	•			Reforesta	tion Unit	s Provided	244		
				Total Reforesta	tion Unit	ts Required	98		
						Excess	146	C.	

	LANDSCAPE AREA #2					Acreage	1.36	(
Spe	cies			Caliper Plantir	g Stock		Reforestation	Percent of	Min. Req.
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Credits	Stocking	Per Acre
Acer rubrum	Red Maple	2.5-3"		4.667	B&B	5	23	1.4%	150/Ac
Betula nigra	River Birch	2.5-3"		4.667	B&B	3	14	0.8%	150/Ac
Celtis occidentalis	Common Hackberry	2,5-3"		4.667	B&B	8	37	2.2%	150/Ac
Fagus grandifolia	American Beech	2.5-3"		4.667	В&В	9	42	2.5%	150/Ac
Liquidambar styraciflua 'Rotundiloba'	Sweetgum (Fruitless)	2.5-3"		4.667	В&В	10	47	2.8%	150/Ac
Nyssa sylvatica	Black Gum	2.5-3"		4.667	B&B	10	47	2.8%	150/Ac
Platanus occidentalis	Sycamore	2.5-3"		4.667	B&B	21	98	5.8%	150/Ac
Quercus palustris	Pin Oak	2,5-3"		4.667	B&B	13	61	3.6%	150/Ac
Quercus rubra	Red Oak	2.5-3"		4.667	B&B	9	42	2.5%	150/Ac
llexopaca	American Holly		6'-8'	4.667	B&B	37	173	10.2%	150/Ac
Pinus strobus	White Pine		6'-8'	4.667	B&B	36	168	9.9%	150/Ac
Pinus virginiana	Virginia Pine		6'-8'	4.667	B&B	44	205	12.1%	150/Ac
Juniperus virginiana	Eastern Red Cedar		6'-8'	4.667	B&B	41	191	11.3%	150/A c
Itea virginica	Virginia Sweetspire	3 Gal.		1.75	Cont	93	163	7.7%	400/Ac
Clethra alnifolia 'Humming bird'	Hummingbird Summersweet	3 Gal.		1.75	Cont	16	28	1.7%	400/Ac
llexglabra 'Compacta'	Compact Inkberry Holly	3 Gal.		1.75	Cont	87	152	9.0%	400/Ac
llex verticillata	Winterberry	3 Gal.		1.75	Cont	25	44	2.1%	400/Ac
Lindera benzoin	Spicebush	3 Gal.		1.75	Cont	47		4.8%	400/Ac
Vibumum dentatum	Arrowwood Vibumum	3 Gal.		1.75	Cont	45	79	4.6%	400/Ac
				Reforesta	tion Units	Provided	1,696		
				Total Reforesta	tion Units	Required	952		

	LANDSCAPE AREA #3					Acreage	0.14		
Species		Large Caliper Planting Stock				Reforestation	Percent of	Min. Req.	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Credits	Stocking	Per Acre
Acer rubrum	Red Maple	2.5-3"		4.667	B&B	6	28	15.6%	150/Ac
Betula nigra	River Birch	2,5-3"		4.667	B&B	3	14	7.8%	150/Ac
Fagus grandifolia	American Beech	2.5-3"		4.667	В&В	3	14	7.8%	150/Ac
Liquidambar styraciflua 'Rotundiloba'	Sweetgum (Fruitless)	2.5-3"		4.667	B&B	3	14	7.8%	150/Ac
Platanus occidentalis	Sycamore	2.5-3"		4.667	B&B	2	9	5.2%	150/Ac
Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	3 Gal.		1.75	Cont	7	12	6.8%	400/Ac
llexglabra 'Compacta'	Compact Inkberry Holly	3 Gal.		1.75	Cont	14	25	13.7%	400/Ac
Lindera benzoin	Spicebush	3 Gal.		1.75	Cont	12	21	11.7%	400/Ac
Vibumum dentatum	Arrowwood Vibumum	3 Gal.		1.75	Cont	24	42	23.5%	400/Ac
Reforestation Units Provid					s Provided	179			
				Total Reforesta	tion Unit	s Required	98		
						E	0.1		

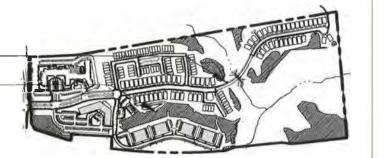
Site Stocking Equivalency Table based on 2010 Environmental Technical Manual (See Appendix A-60)	Typical Total Per Acre		Adjusted Caliper Number per Acre
Seedlings & Whips Bare Root	700	1	700
Seedlings Tubes minimu 1.5" width	700	1.4	500
Container Grown 1, 2, 3 Gallon	700	1.75	400
Container Grown 5, 7 gallon or 1" Caliper B&B	700	2.333	300
Container Grown 15, 25 Gallon or 1.5-2" Caliper & B&B	700	4.667	150
Container Grown or 2.5-3.0" Caliper	700	4.667	150

Forest Enhancement

In this Forest Enhancement Area, invasive plant species were removed and replanted with native species in an effort to balance the natural ecology of the area. According to Maryland Department of Natural Resources, "Invasive" describes a species that, when introduced into an ecosystem, aggressively establishes itself at the expense of native plants or animals. These invasive plants have evolved somewhere other than Maryland or the Mid-Atlantic states of the U.S., and cause, or have the potential to cause, ecological or economic harm, and endanger human health. Through the forest enhancement process, invasive vegetation is removed, and native vegetation is placed, in an effort to restore the healthy ecosystem.

The improvement of woodlands provides various benefits to individuals and to Prince George's County as a whole. Woodlands make communities more livable and provide habitat for wildlife. Woodlands can provide privacy and screening from other properties, and may reduce utility bills by providing shade and creating a wind block. Forest Enhancement, Reforestation, and Preservation areas, on this property are protected through a Woodland Conservation Easement. Woodland Conservation Areas are protected from the removal of healthy native species and the surrounding forest components contributing to the natural ecosystem. Only exotic and invasive species shall be removed. No other tree work may be performed without a permit issued by the county.

> YOU ARE HERE FOREST ENHANCEMENT, REFORESTATION, AND PRESERVATION AREAS

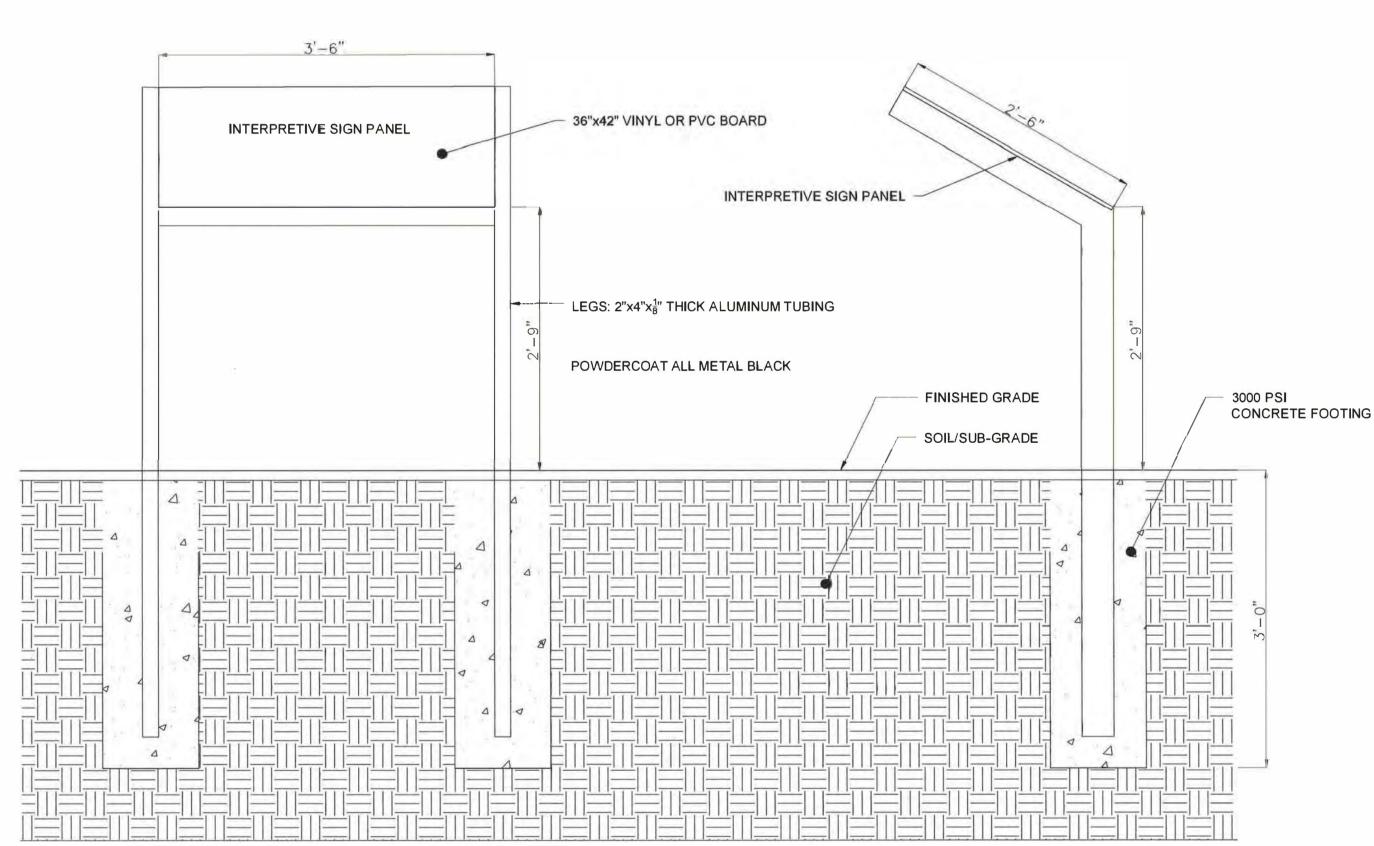


Additional information regarding invasive species, and the state's Forest Conservation Act, can be found on the Maryland Department of Natural Resources Website. Local woodland conservation information can be obtained on the Maryland National Capital Park and Planning (M-NCPPC) website.

INTERPRETIVE SIGN PANEL

1. ANY TEXT CHANGES ARE SUBJECT TO APPROVAL

2. THE "YOU ARE HERE" LOCATOR WILL CHANGE TO REFLECT EACH PROPOSED SIGN LOCATION



FRONT VIEW

NOTES: 1. SIGNS SHOULD BE PROPERLY MAINTAINED. 2. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.

3. LOCATE SIGNS OFF, BUT WITHIN REACH, OF SIDEWALK. THEY SHALL NOT IMPEDE THE FLOW OF TRAFFIC.

4. TEXT WILL BE A SANS SERIF FONT WITH A MINIMUM HEIGHT OF 5/8". 5. DETAIL AS SHOWN ABOVE OR APPROVED EQUIVALENT EQUAL

6. GEO-TECHNICAL AND STRUCTURAL RECOMMENDATIONS REQUIRED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MARYLAND. 7. REFER TO MANUFACTURER SPECIFICATIONS FOR ADHERING THE INTERPRETIVE SIGN PANEL TO THE SIGN FRAME.

8. SHOP DRAWINGS SHALL BE PREPARED BY THE MANUFACTURER AND SUBMITTED FOR APPROVAL BY THE CLIENT, AND LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.

FOREST ENHANCEMENT INTERPRETIVE SIGN SCALE: NTS

> STORMWATER, GRADING, STORM DRAIN AND PAVING PLANS SUBJECT TO CHANGE/ APPROVAL BY PRINCE GEORGE'S COUNTY DPIE. REFER TO APPROVED PERMIT PLANS FOR CONSTRUCTION.

SIDE VIEW

SIGN SPECIFICATION IS BASED

SERVICE WAYSIDE EXHIBIT LOW

OFF OF THE NATIONAL PARK

PROFILE CANTILEAVER BASE

DESIGN

Prince George's County Planning Department, MNCPPC TREE CONSERVATION PLAN APPROVAL TCP2-014-2017 DRD# Reason for Revision 9/18/20 Megan Reiser 1/5/2022 ROSP-4785-01 Mary Kea

Dewberry®

4601 FORBES BOULEVARD Dewberry Engineers Inc.

OWNER GREENLIFE PROPERTY GROUP, LLC

2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054 APPLICANT GREENLIFE PROPERTY GROUP, LLC

> 2410 EVERGREEN ROAD, SUITE 104 GAMBRILLS, MD 21054 P: 410.266.5100

CONTACT: C/O JOHN DIXON

SEAL PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE

ARCHITECT UNDER THE LAWS OF THE STATE

OF MARYLAND, LICENSE NO. 3772

EXPIRATION DATED MAY 13, 2022

KEY PLAN

SCALE

No. DATE BY Description **REVISIONS**

APPROVED BY **CHECKED BY**

DATE TITLE

TYPE 2 TREE CONSERVATION

DETAILS & NOTES

SHEET NO.

DEWBERRY JOB NO. 50075516

8 OF 8