

SPECIMEN TREE TABLE

	Web Soils Survey Soils Table Pr	ince George's	County Mar	vland					STAND A			STAND B		STAND C	
Man			1	,	Drainaga Class										
Map Unit	Map Unit Name	K-Factor (Whole	Hydrologic Group	Hydric (Rating)	Drainage Class	1	Dominant species		Southern Red Hickory, Ye	d Oak, White Ollow Poplar	Dak, Beech,	Bradford Pear		Red Maple, Sweetgum, Syc	camore, As
		Soils)				1	Codominant species		Sweetgum, I	Blackgum, Syc	amore	Bradford Pear		Yellow Poplar, River Birch Bradford Pear	Yellow Poplar, River Birch, Blackgum Bradford Pear
CcC	Christiana-Downer complex 5-10% slopes	0.49	D	Partial (5)	Moderately well drained	2	Forest Association		52 - White C Red Oak	ak, Black Oak	, Northern	Not classified by SAF		108 - Red Maple	
CcD	Christiana-Downer complex 10-15% slopes	0.49	D	Partial (5)	Moderately well drained	3	Successiona 1 Stage			ed Hardwoods		Early Succession Invasive	Hardwoods	Immature Bottomland Hard	dwood
СсЕ	Christiana-Downer complex 15-25% slopes	0.49	D	Partial (5)	Moderately well drained	4	Basal area in s.f. per acre		86			33		97	
CdD	Christiana-Downer-Urban land complex 5-15% slopes	0.49	D	No (0)	Moderately well drained		Size class of dominant species		20-30 Inches	3		2-6 Inches		12-20 Inches	
EnA	Elkton-Urban land complex, 0-2% slopes	0.43	C/D	Yes (70)	Poorly drained	6	Percent canopy	78%		78% 87%			82%		
FaA	Fallsington sandy loam, 0-2% slopes	0.2	B/D	Yes (85)	Poorly drained	7	Number of		8			1		8	
Is	Issue silt loam, occasionally flooded	0.37	B/D	Partial (10)	Somewhat poorly drained	8	Tree Species Common understory	1	Beech,			Sweetgum, Red Maple		Red Maple, Sweetgum	
Iu	Issue-Urban land complex, occasionally flooded	0.37	B/D	Partial (10)	Somewhat poorly drained	9	species Percent of un		10%			11%		12%	
RcB	Russett-Christiana complex, 2-5% slopes	0.28	С	Partial (5)	Moderately well drained	10	Number of v species - 3' to	voody plant	1			1		1	
RuB	Russett-Christiana-Urban land complex, 0-5% slopes	0.49	D	No (0)	Moderately well drained	11	Common herbaceous species		Virginia Cre	etgum, Hickory eper, Woods N erry, assorted g	lettle, Poison	Sweetgum, Blackgum, Soi Oak, Yellow Poplar, Hick Poison Ivy, Virginia Creep	ory, Red Maple,	Sweetgum, Red Maple, Wo assorted ferns, assorted gras	
SnB	Sassafras-Urban land complex, 0-5% slopes	0.24	В	No (0)	Well Drained	12	Percent herb	aggregation (20/		ceous plant 62%		Grape, assorted grasses 38%		97%	
UdaF	Udorthents, highway, 0-65% slopes			No (0)	Well Drained		coverage - 0	to 3' tall	o 3' tall						
UrbB	Urban land-Beltsville complex, 0-5% slopes		D	No (0)		13	List of major	Overstory	0%	None		71% Bradford Pe	ear	3% Bradford Pea	ar
UrkB	Urban land-Issue complex, 0-5% slopes, occasionally flooded		D	No (0)			invasive plant species and	Understory	24%	Bradford Pe	ar	24% Bradford Pe	ear	0% None	
UrrB	Urban land-Russett-Christiana complex, 0-5% slopes		D	No (0)			percent of coverage	,							
UrsB	Urban land-Sassafras complex, 0-5% slopes		D	No (0)				Herbaceous	44%	Japanese Ho Multiflora R Knotweed, I	neysuckle, ose, Japanese Bradford Pear	26% Japanese H Multiflora I Mile-a-min		90% Japanese Kn	ıotweed
WoA	Woodstown sandy loam, 0-2% slopes	0.28	С	Partial (5)	Moderately well drained	14	Number of s trees 6" dbh	tanding dead	3			Pear 0		23	
	from: USDA, NRCS, Web Soil Survey (WSS) available to a second with a process of survey (within 10			<u> </u>		15	Comments	J. Greater		dland on slope eas with signif		Early succession stand wit percent Bradford Pear	th nearly 100	Wetlands with past and predamage, many invasive in halyer	
	designated with an asterisk are found within 10	0-100t of the	property bour	ndary but not w	itnin		Number of		108			623		340	
he limits of th	e property.						trees per acre			T	1				
	vith no information are reflected in accordance	with the infor	mation availal	ble on the Web	Soil		Average Dia Breast Heigh		23.3	"		3 "		8.5 "	
ırvey Report.															

83.66 AC
22.57 AC
61.09 AC
4.99 AC
10.46 AC
15.45 AC
30.04 AC
2,854 LF

GENERAL INFORMATION TABLE

LAYER CATEGORY	LAYER NAME	VALUE
ZONE	ZONING (ZONE)	R-E
ZONE	AVIATION POLICY AREA (APA)	NO LUC
ADMINISTRATIVE	TAX GRID (TMG)	53-F2
ADMINISTRATIVE	WSSC GRID (SHEET 20)	206NE11
ADMINISTRATIVE	PLANNING AREA (PLAN AREA)	71A
ADMINISTRATIVE	ELECTION DISTRICT (ED)	7
ADMINISTRATIVE	COUNCILMANIC DISTRICT (CD)	6
ADMINISTRATIVE	GENERAL PLAN 2002 TIER	DEVELOPING
ADMINISTRATIVE	TRAFFIC ANALYSIS ZONE (COG)	1139
ADMINISTRATIVE	TRAFFIC ANALYSIS ZONE (PG)	2395

TYPE 2 TREE CONSERVATION WORKSHEET:

NOTE: FOR PURPOSES OF THIS PLAN: FOREST ENHANCEMENT IS DEFINED AS THE CLEARING OF INVASIVE TREES AND VEGETATION WITHIN THE AREAS SHOWN AS FOREST ENHANCEMENT DOWN TO TO BARE EARTH AND THEN THE REPLANTING OF NATIVE TREES

SECTION I-Establishing Site Information- (Enter acres	for each zone)			H
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#	
Property Description or Subdivision Name:	TRADITION	S AT BEECHFIE	LD	
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)				
combination of this love ! (1,14)				
Is any portion of the property in a WC Bank?	N	0.734		

SECTION II-Determining Requiren	nents (Enter acres for eac	n 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 Threshol	d (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 (sr	naller of 16 or 17)		0.18		
Clearing above WCT (0.25:1) rep	lacement requirement		0.04		
Woodland cleared below WCT			4.42		
Clearing below WCT (2:1 replacer	nent requirement)	1 - 1 - 1 - 1 - 1 - 1 - 1	8.85		
Afforestation Required	Threshold (AFT) =	20.00%	0.00	_	
Off-site WCA being provided on thi	s property		0.00	77.17	
Woodland Conservation Required	50 0 008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		19.89	acres	

Woodland Preservation		4.83	77 77 77	100	and the state of
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	7		
Forest Enhancement Credit (Area * 1.00)	6.08	6.08	*		
Street Tree Credit (Existing or 10-year canopy coverage)		0.00	Annual train		
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			40.4
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			

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

01	REVISION ADJUST BURIAL	ON 01 I TMENT ARFA	FOR LA FOR A	AYOUT AVOIDA STORIO	ANCE C
	TER, GRA	DING, S	TORM D	RAIN AI	ND PAVII
	COUNTY ANS FOR				OVED

OF /ING ICE PERMIT PLANS FOR CONSTRUCTION.

TYPE 2 TREE **CONSERVATION DETAIL SHEET**

DEWBERRY JOB NO. 50075516

1A OF 8 SHEET NO.

Dewberry*

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

Dewberry

Engineers Inc.

TRADITIONS TYPE 2 TREE CO

PROFESSIONAL CERTIFICATION:

OF MARYLAND, LICENSE NO. 3772

AS SHOWN

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

MAY 2017

No. DATE BY Description

REVISIONS

APPROVED BY

CHECKED BY

DATE

TITLE

EXPIRATION DATED MAY 13, 2022

KEY PLAN

SCALE

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

4601 FORBES BOULEVARD

SUITE 300 LANHAM, MD 20706

301.731.5551 301.731.0188 (FAX)

	TCP2-014-17									
	Approved by	Date	DRD#	Reason for Revision						
00	Megan Reiser	9/18/20								
00										
01										
02										
03										
04										

Prince George's County Planning Department, MNCPPC

Environmental Planning Section

TREE CONSERVATION PLAN APPROVAL

Sheet Map - Detail

48 Southern Red Oak Quercus rubra 46

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 $|\mathsf{BY}|$ HAND AT ALL UTILITY CROSSINGS WELL IN $|\mathsf{BY}|$

ADVANCE OF THE START OF EXCAVATION.

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

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

PLAN VIEW

Tree #	Common Name	Latin Name	Diameter at Breast Height (DBH)	Condition Rating	Condition	Comments	Disposition	Preservation Comments		
1	Black Walnut	Juglans nigra	39	66	Poor Root, trunk & top damage; cavity, dieback		66 Poor Root, trunk & top damage; cavity, dieback		Remove	Remove
2	Blackgum	Nyssa sylvatica	37	69	Poor	Trunk & top damage, dieback, seepage, branching	Remove	Remove		
3	Yellow Poplar	Liriodendron tulipifera	41	72	Fair	Trunk & top damage, dieback, branching	Remove	Remove		
4	Yellow Poplar	Liriodendron tulipifera	44	75	Fair	Trunk & top damage, dieback, branching	Remove	Remove		
5	Yellow Poplar	Liriodendron tulipifera	56	84	Good	Trunk & top damage, dieback	Remove Remove	Remove		
7	Yellow Poplar Hickory	Liriodendron tulipifera Carya sp.	30	63	Poor	outside LOD. Due to Root Impact, Tree health to		No Work Needed		
8	Beech	Fagus grandifolia	35	72	Fair	be evaluated post construction. Root, trunk & top damage; decay, dieback, cavity	Save	No Work Needed		
9	Yellow Poplar	Liriodendron tulipifera	43	75	Fair	Root, trunk & top damage; decay, dieback	Save	No Work Needed		
10	Beech	Fagus grandifolia	34	66	Poor	Root, trunk & top damage; decay, dieback	Save	No Work Needed		
11	Blackgum	Nyssa sylvatica	38	59	Poor	Root, trunk & significant top damage, needs pruning, dieback, decay, cavity	Remove	Remove		
12	Ash	Fraxinus sp.	36	69	Poor	Root, trunk & significant top damage, needs pruning, dieback, decay, cavity	Remove	Remove		
13	Yellow Poplar	Liriodendron tulipifera	35	91	Excellent	Branching issues, decay, needs pruning; dieback	Save	No Work Needed		
14	Yellow Poplar	Liriodendron tulipifera	39	63	Poor	Trunk & top damage, decay, branching, dieback	Save	No Work Needed		
15	Yellow Poplar	Liriodendron tulipifera	32	72	Fair	Top damage, branching, decay, dieback, stunted foliage	Save	No Work Needed		
16	Northern Red Oak	Quercus rubra	48	78	Fair	Root, trunk & top damage, decay, dieback, v- fork	Save	No Work Needed		
17	Beech	Fagus grandifolia	38	78	Fair	Trunk & top damage, decay, branching, dieback	Save	No Work Needed		
18	Beech	Fagus grandifolia	34	78	Fair	Trunk & top damage, decay, branching, dieback	Save	No Work Needed		
19	Southern Red Oak		34	72	Fair	Root, trunk & top damage; decay, dieback	Save	No Work Needed		
20	Southern Red Oak	~	43	84	Good	Top damage, needs prunding, dieback	Save	No Work Needed		
21 22	Beech Southern Red Oak	Fagus grandifolia Quercus rubra	36	66 75	Poor Fair	Root, trunk & top damage, decay, beaver Root, trunk & top damage, decay	Save Save	No Work Needed No Work Needed		
23	Beech	Fagus grandifolia	34	72	Fair	Root, trunk & top damage, decay, beaver damage	Save	No Work Needed		
24	White Oak	Quercus alba	40	69	Poor	Root, trunk & top damage, decay, V-fork,	Save	No Work Needed		
25	White Oak	Quercus alba	39	75	Fair	swollen areas Root, trunk & top damage, decay	Save	No Work Needed		
26	Beech	Fagus grandifolia	39	84	Good	Root & top damage, decay Root & top damage, dieback	Save	No Work Needed		
27	Southern Red Oak		33	66	Poor	Root, trunk & top damage, dieback, decay, cavity	Save	No Work Needed		
28	White Oak	Quercus alba	39	91	Excellent	Top damage, dieback	Save	No Work Needed		
29	White Oak	Quercus alba	37	84	Good	Trunk & top damage, needs pruning, dieback, v-	Save	No Work Needed		
30	White Oak	Ouercus alba	34	81	Good	fork Root & top damage, dieback	Save	No Work Needed		
31	Yellow Poplar	Liriodendron tulipifera	33	59	Poor	Root, trunk & top damage, dieback decay, cavity	Save	No Work Needed		
32	Southern Red Oak		52	69	Poor	Root, trunk & top damage, dieback decay, cavity	Save	No Work Needed		
33	White Oak	Quercus alba	33	81	Good	Top damage & dieback	Save	No Work Needed		
34	Yellow Poplar	Liriodendron tulipifera	37 & 39	47	Poor	Root, trunk & top damage, dieback, decay, cavity, v-fork	Save	No Work Needed		
35	Yellow Poplar	Liriodendron tulipifera	43	69	Poor	Root, trunk & top damage, decay	Save	No Work Needed		
36	Southern Red Oak	Quercus rubra	41	63	Poor	Trunk & top damage, decay, cavity, branching, dieback	Save	No Work Needed		
37	Yellow Poplar	Liriodendron tulipifera	32	75	Fair	Trunk & top damage, decay, needs pruning, dieback	Save	No Work Needed		
38	White Oak	Quercus alba	39	84	Good	Trunk & top damage, decay, dieback	Save	No Work Needed		
39	Yellow Poplar	Liriodendron tulipifera	35	91	Excellent	Top damage & dieback	Save	No Work Needed		
40	Yellow Poplar	Liriodendron tulipifera	38	72	Fair	Trunk & top damage, decay, dieback	Save	No Work Needed		
41	Southern Red Oak Hickory	Quercus rubra Carya sp.	49 35	78 72	Fair Fair	Root, trunk & top damage, decay, dieback Root, trunk & top damage, decay, dieback,	Save Save	No Work Needed No Work Needed		
		DCECCO.				cavity	100000	and a construction of the construction		
43	White Oak	Quercus alba	42	56	Poor	Root, trunk & top damage, decay, dieback	Save	No Work Needed		
44	Sweetgum White Oak	Liquidambar styraciflua Quercus alba	38 53	88 84	Good Good	Top damage & dieback Trunk & top damage	Save Save	No Work Needed No Work Needed		
46	Yellow Poplar	Liriodendron tulipifera	39	91	Excellent	Top damage & dieback	Save	No Work Needed		
47	Yellow Poplar	Liriodendron tulipifera	38	78	Fair	Root, trunk & top damage, dieback, decay, cavity	Save	No Work Needed		
			12			war ary				

QUALIFIED PROFESSIONAL CERTIFICATION This complies with the current requirements of Subtitle 25 and the Environmental Technical Manual. FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO John P. Markovich www.call811.com http://www.missutility.net

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

35 72 Fair Root, trunk & top damage, dieback, decay Remove Fagus grandifolia 62 White Oak 34 78 Fair Root, trunk & top damage, dieback, decay Remove Remove Quercus alba 40 78 Fair Trunk & top damage, decay, dieback 63 Yellow Poplar Liriodendron tulipifera Remove Remove 32 72 Fair Root, trunk & top damage, dieback, decay Remove Carya sp. 65 Yellow Poplar Liriodendron tulipifera 36 66 Poor Root, trunk & top damage, dieback, decay Remove 31 78 Fair Trunk & top damage, decay, dieback Remove Fagus grandifolia Fair Root, trunk & top damage, decay. Tree outside Root prune, prune deadwood, and LOD. Due to Root Impact, Tree health to be fertilize evaluated post construction. 68 Beech Fagus grandifolia
69 Yellow Poplar Liriodendron tulipifer 35 72 Fair Root, trunk & top damage, dieback, decay Remove 46 Poor Root, trunk & top damage, dieback, decay Remove 70 Yellow Poplar Liriodendron tulipifera 33 78 Fair Root, trunk & top damage, dieback, decay Remove Poor Trunk & top damage, dieback, decay Root prune, prune deadwood, and fertilize Yellow Poplar Liriodendron tulipifera No Work Needed 35 84 Good Top damage, dieback, branching No Work Needed Fagus grandifolia Good Root & top damage, dieback. Tree outside LOD. Due to Root Impact, Tree health to be evaluated 38 63 Poor Root, trunk & top damage, dieback, decay. No Work Needed Southern Red Oak Quercus rubra Fagus grandifolia Good Top damage, dieback. Tree outside LOD. Due to Root prune, prune deadwood, and Root Impact, Tree health to be evaluated post fertilize Fagus grandifolia Poor Trunk & top damage, dieback, decay, beaver Remove 77 Beech 78 White Oak 38 66 Poor Root, trunk & top damage, dieback, decay Remove Fagus grandifolia 39 66 Poor Root, trunk & top damage, dieback, decay Remove Quercus alba Remove 79 Yellow Poplar Liriodendron tulipifera 37 66 Poor Root, trunk & top damage, dieback, decay Remove Remove 80 Red Maple 31 75 Fair Root, trunk & top damage, dieback, decay Acer rubrum Remove Remove Poor Root, trunk & top damage, dieback, decay, Root prune, prune deadwood, and 81 Sugar Maple 37 66 Acer saccharum fertilize Root, trunk & top damage, dieback, decay, Root prune, prune deadwood, and 82 Sugar Maple Acer saccharum Poor fertilize Root, trunk & top damage, dieback, decay, Remove Acer saccharum Poor 83 Sugar Maple 69 Root, trunk & top damage, dieback, decay, Remove Poor 84 Sugar Maple Acer saccharum Root, trunk & top damage, dieback, decay, Remove Poor 85 Sugar Maple Acer saccharum Root, trunk & top damage, dieback, decay, Remove Acer saccharum Poor 86 Sugar Maple Root, trunk & top damage, dieback, decay, Remove 87 Sugar Maple Acer saccharum Poor Root, trunk & top damage, dieback, decay, Remove 88 Silver Maple Acer saccharinum Poor Root, trunk & top damage, dieback, decay, Remove 89 Sugar Maple Acer saccharum Poor Invasive, root, trunk & top damage, dieback, Remove 90 Tree of Heaven Ailanthus altissima Poor Invasive, root, trunk & top damage, dieback, Remove 91 Tree of Heaven ilanthus altissima Poor Invasive, root, trunk & top damage, dieback, Remove 92 Tree of Heaven Ailanthus altissima Root, trunk & top damage, dieback, decay, Remove 93 Red Maple Acer rubrum Poor Root, trunk & top damage, dieback, decay, Remove 94 Red Maple Acer rubrum Root, trunk & top damage, dieback, decay, Remove

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

JM Forestry Services, LLC 11552 Timberbrook Drive Waldorf, MD 20601 Phone: 301-645-4977

E-mail: jpmarkovich@comcast_net

No Work Needed

Remove

Save No Work Needed

Tree # | Common Name Preservation Comments Remove Root, trunk & top damage, decay, dieback, major Remove ranches fell Fair Trunk & top damage, decay, dieback, girdling 55 White Oak Ouercus alba Remove Remove 38 78 Fair Root & top damage, dieback Remove & VEGETATION. White Oak Quercus alba Remove 31 78 Fair Trunk & top damage, dieback, decay Remove 58 White Oak Quercus alba Fair Root, trunk & top damage, decay, dieback. Tree Root prune, prune deadwood, and outside LOD. Due to Root Impact, Tree health to fertilize oe evaluated post construction Fair Root, trunk & top damage, dieback, decay, v-fork. Save Root prune, prune deadwood, and Tree outside LOD. Due to Root Impact, Tree health fertilize to be evaluated post construction. Fair Root, trunk & top damage, decay, dieback. Tree Fagus grandifolia Root prune, prune deadwood, and outside LOD. Due to Root Impact, Tree health to fertilize be evaluated post construction Clearing permitted w/o reforestion= Fagus grandifolia Poor 42 84 Good Trunk & top damage, decay, dieback
 96
 Silver Maple
 Acer saccharinum

 97
 White Pine
 Pinus strobus
 Remove Remove 31 75 Fair Trunk & top damage, decay, dieback Remove Root, trunk & top damage, dieback, decay, 99 Black Walnut Prepared by:

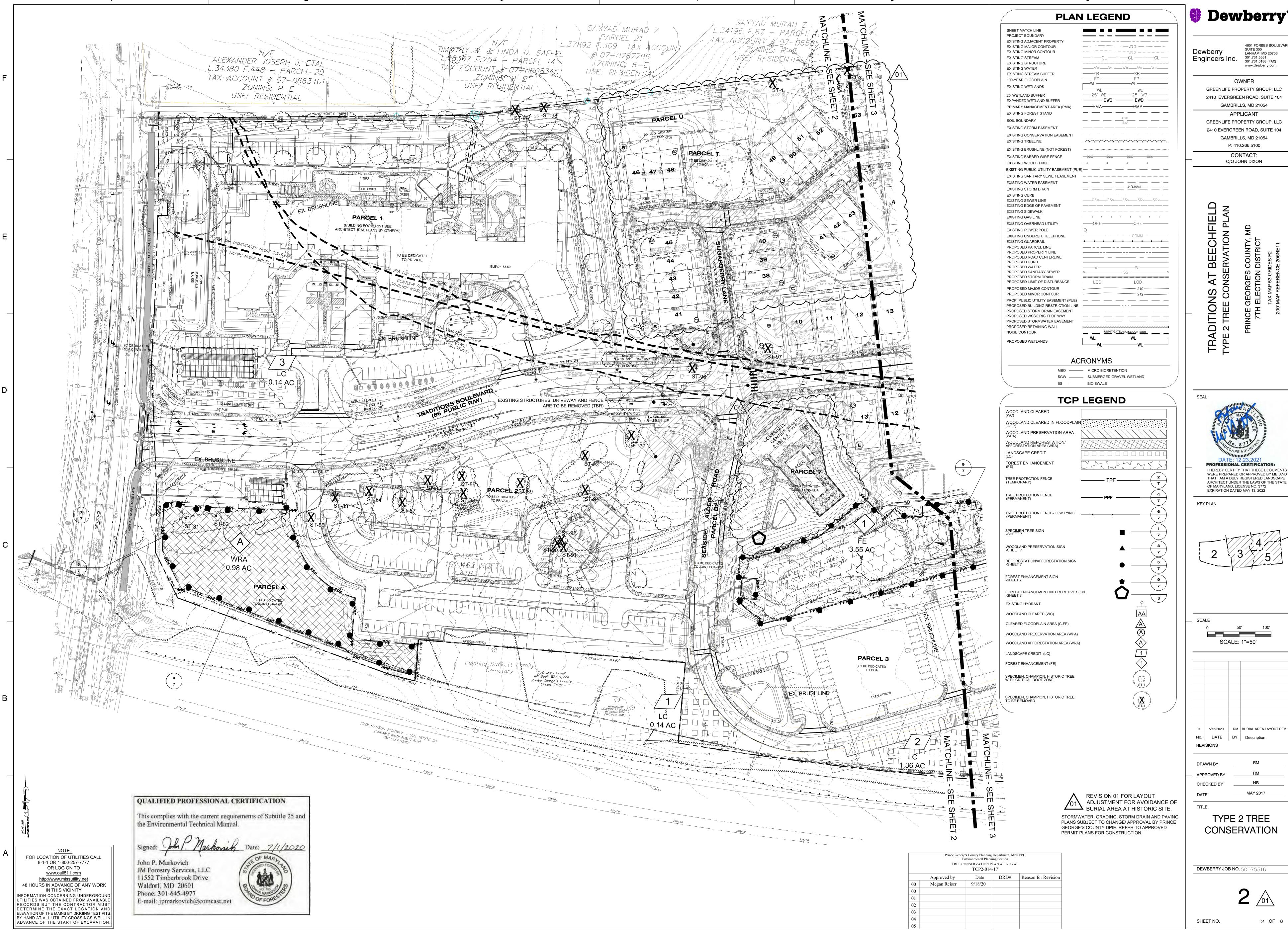
SCALE 1" = 200'

CONDITION RATING SHEETS UPDATED APRIL 19, 2017.

* APPROVED VARIANCE TO REMOVE SPECIMEN TREE

33 81 Good Top damage & dieback Save
38 69 Poor root, trunk, & top damage, dieback, cavity decay Remove

No Work needed



Dewberry®

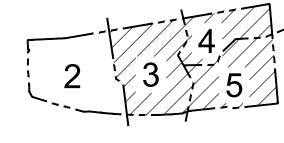
4601 FORBES BOULEVARD SUITE 300 LANHAM, MD 20706

www.dewberry.com

GREENLIFE PROPERTY GROUP, LLC 2410 EVERGREEN ROAD, SUITE 104

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

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

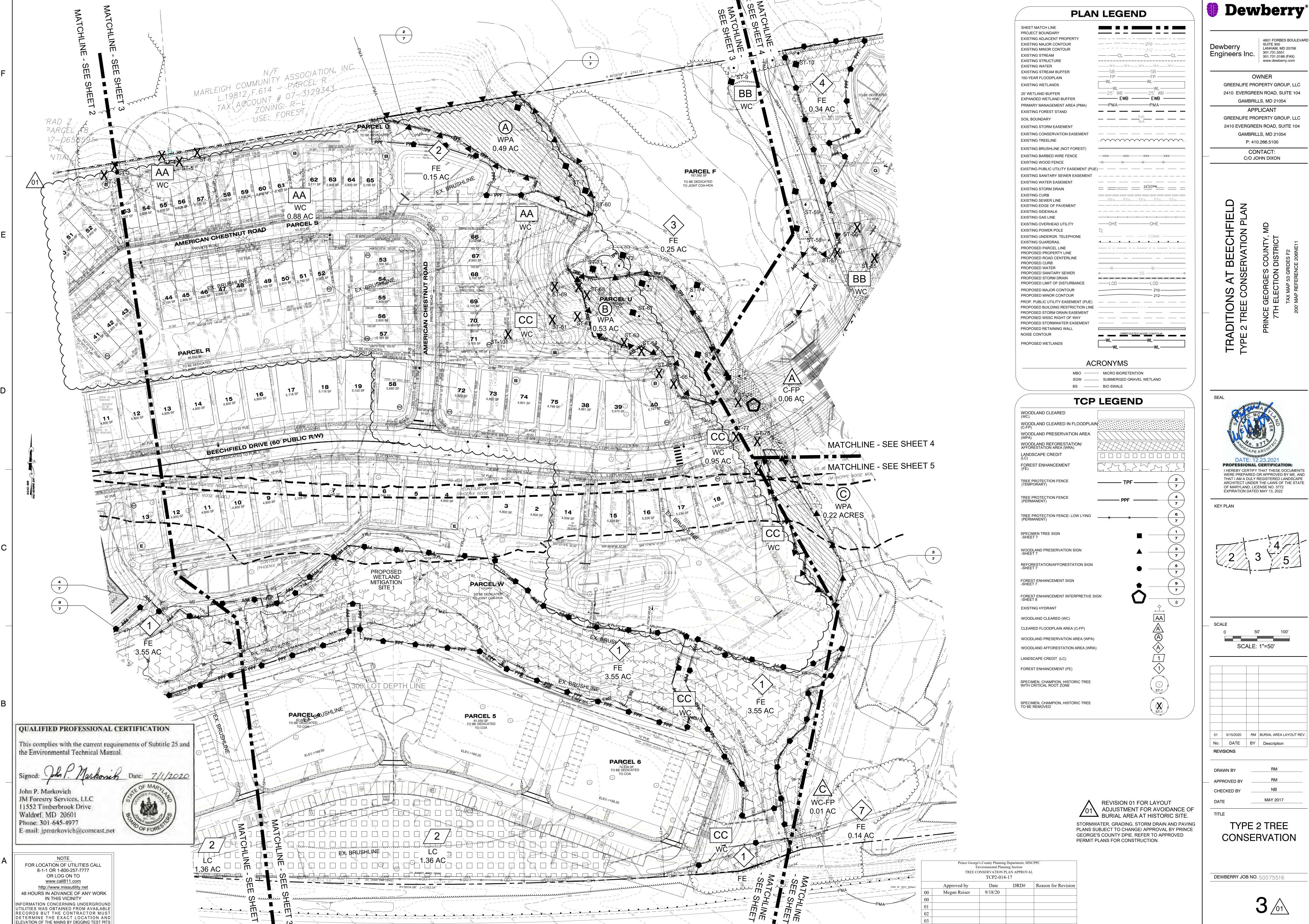


		RM BURIAL AREA LAYOUT REV.		
01	5/15/2020	RM	BURIAL AREA LAYOUT REV.	
No.	DATE	BY	Description	
REV	ISIONS			
DRA	WN BY		RM	
APP	ROVED BY		RM	

MAY 2017

TYPE 2 TREE

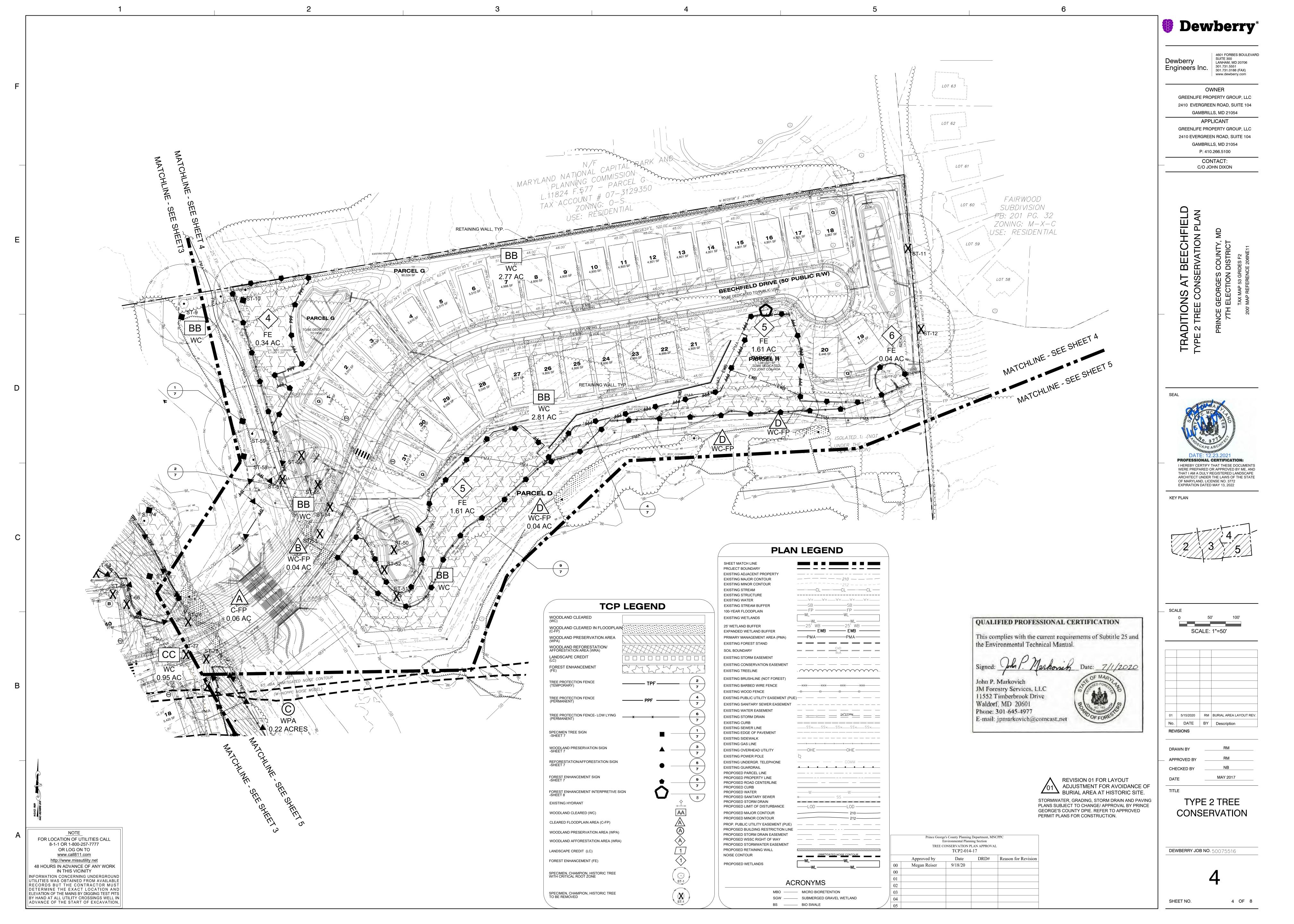
2 OF 8

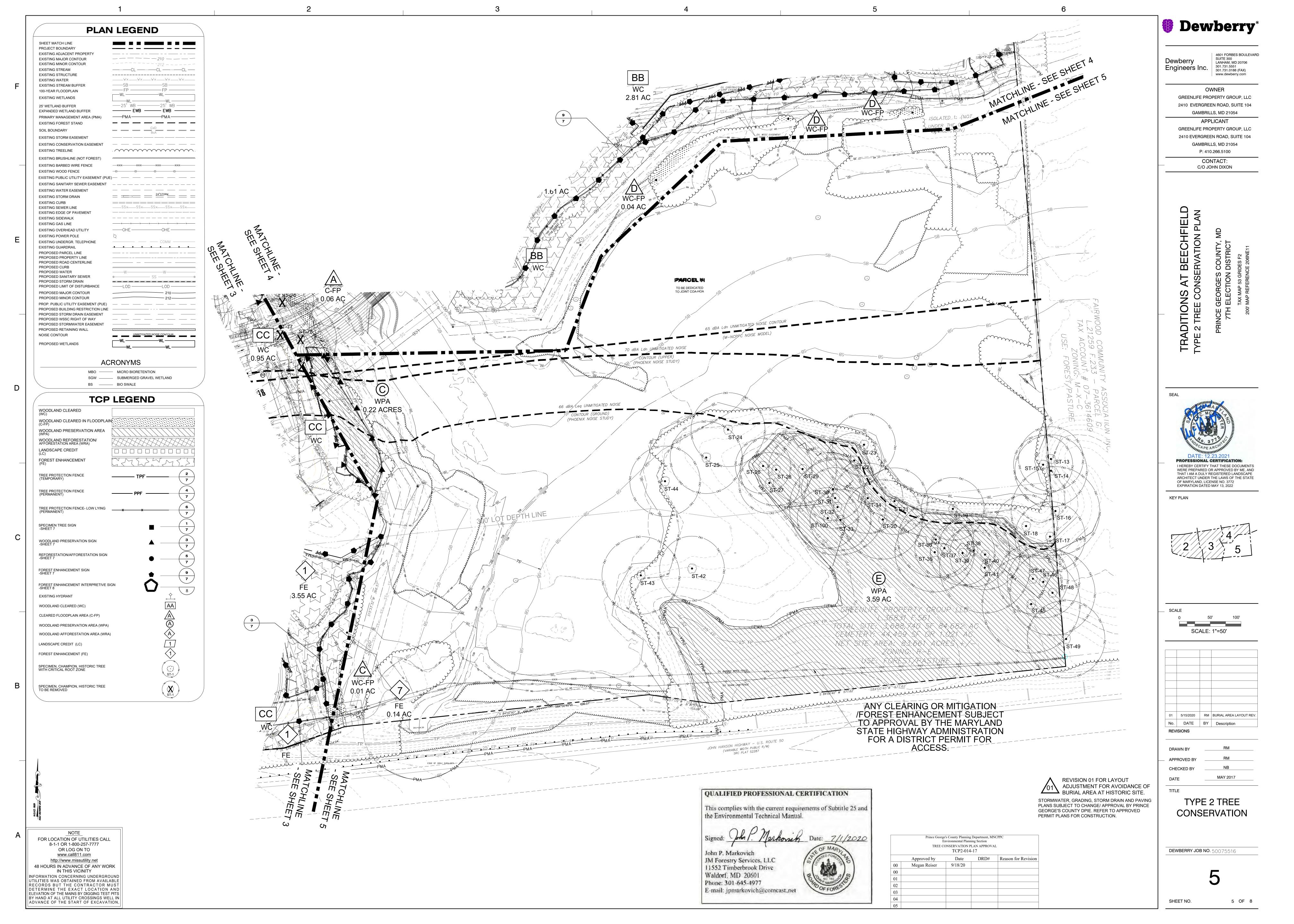


JOHN HANSON HIGHWAY - U.S. ROUTE 50 (VARIARIF WINTH PUBLIC R/W)

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

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

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.

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

MARYLAND LICENSED HERBICIDE APPLICATOR.

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

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.

EVALUATION IS PERFORMED. THESE REQUIREMENTS SHALL BE DETERMINED BY THE QUALIFIED PROFESSIONAL AND IMPLEMENTED BY A

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

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

LICENSED/QUALIFIED PROFESSIONAL.

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 $\lceil
vert$ BY HAND AT ALL UTILITY CROSSINGS WELL IN vertADVANCE 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.

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	LANT SCHEDU	LE			Acreage	2.11		
		Large	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%	
		·		Total	262	1566.64	100.00%	

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

16. SOURCE OF SEEDLINGS: TBD



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.

						Refores	station Area		
FOREST ENHAN	ICEMENT REFORESTATION PLANT S	SCHEDULE- LC	W LANI	O A REA		2.12 Low land plantings Approx 34%			
	Species			e Caliper Plant	ing Stock	Reforestation	Percent of	Min. Req.	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Credits	Stocking	Per Acre
Low Land Areas									
Betula nigra	River Birch	1"		1	В&В	160	160	25.2%	300/Ac
Quercus bicolor	Swamp White Oak	1"		1	В&В	160	160	25.2%	300/Ac
alixnigra	Black Willow	1"		1	В&В	160	160	25.2%	300/Ac
axodium distichum	Bald Cypress	1"		1	В&В	159	156	24.5%	300/Ac
	•	<u>-</u>			Total Trees	639			
					Reforest	ation Units	636		
				Total Refore	station Uni	ts Required	636		
						Excess	0		
Substitution Species: Ulmus am	ericana						•		

FOREST ENHANCEMENT REFORESTATION PLANT SCHEDULE- SI				AREA		Refores Acreage	station Area 4.93	Sloped plantings	Approx. 71%
Species				Caliper Plan	ting Stock	Reforestation		1 1	Min. Req.
Botanical Name	Common Name	Caliper	r Height Credits/Unit Type Qu			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			
					Reforesta	ation Units	1,480		
				Total Refore	orestation Units Required		1,479		
						Excess	1		

ibstitution Species: Liquidambar styraciflua

FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION 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 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

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.

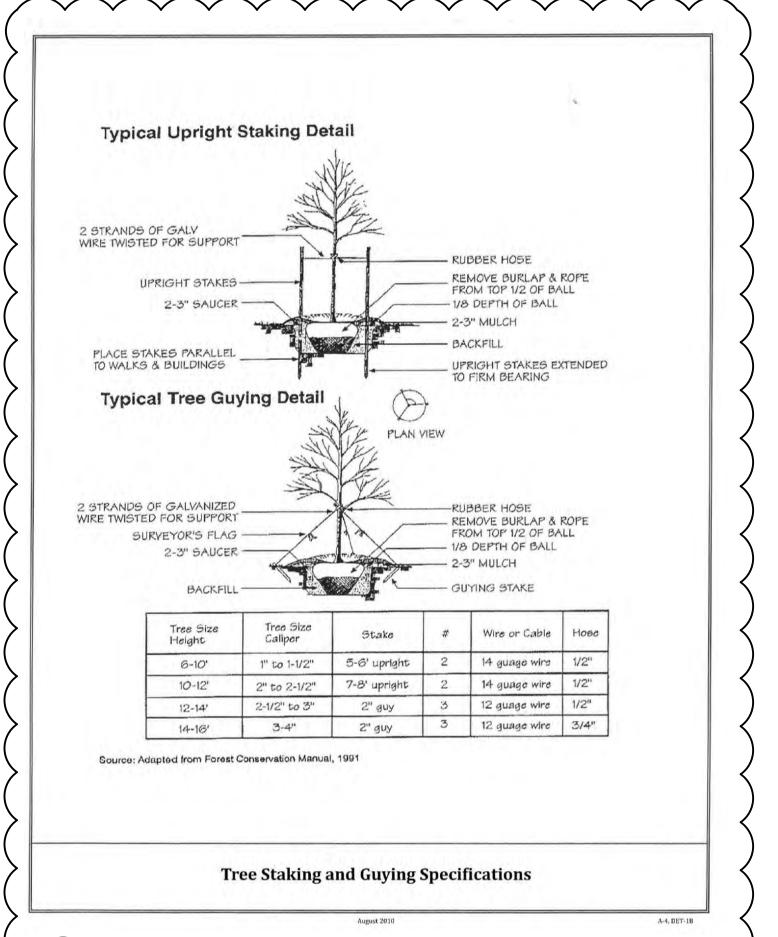
c. THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE

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

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

TCP2-014-17 DRD# Reason for Revision Date Approved by 9/18/20 Megan Reiser

TREE CONSERVATION PLAN APPROVAL

ELD

 \Box

Dewberry

Engineers Inc.

2

4601 FORRES BOULEVARD

LANHAM. MD 20706

301.731.0188 (FAX)

301.731.5551

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

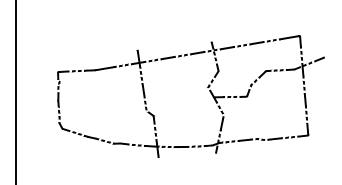
P: 410.266.5100

CONTACT:

C/O JOHN DIXON

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 CHECKED BY MAY 2017 DATE

TITLE TYPE 2 TREE CONSERVATION

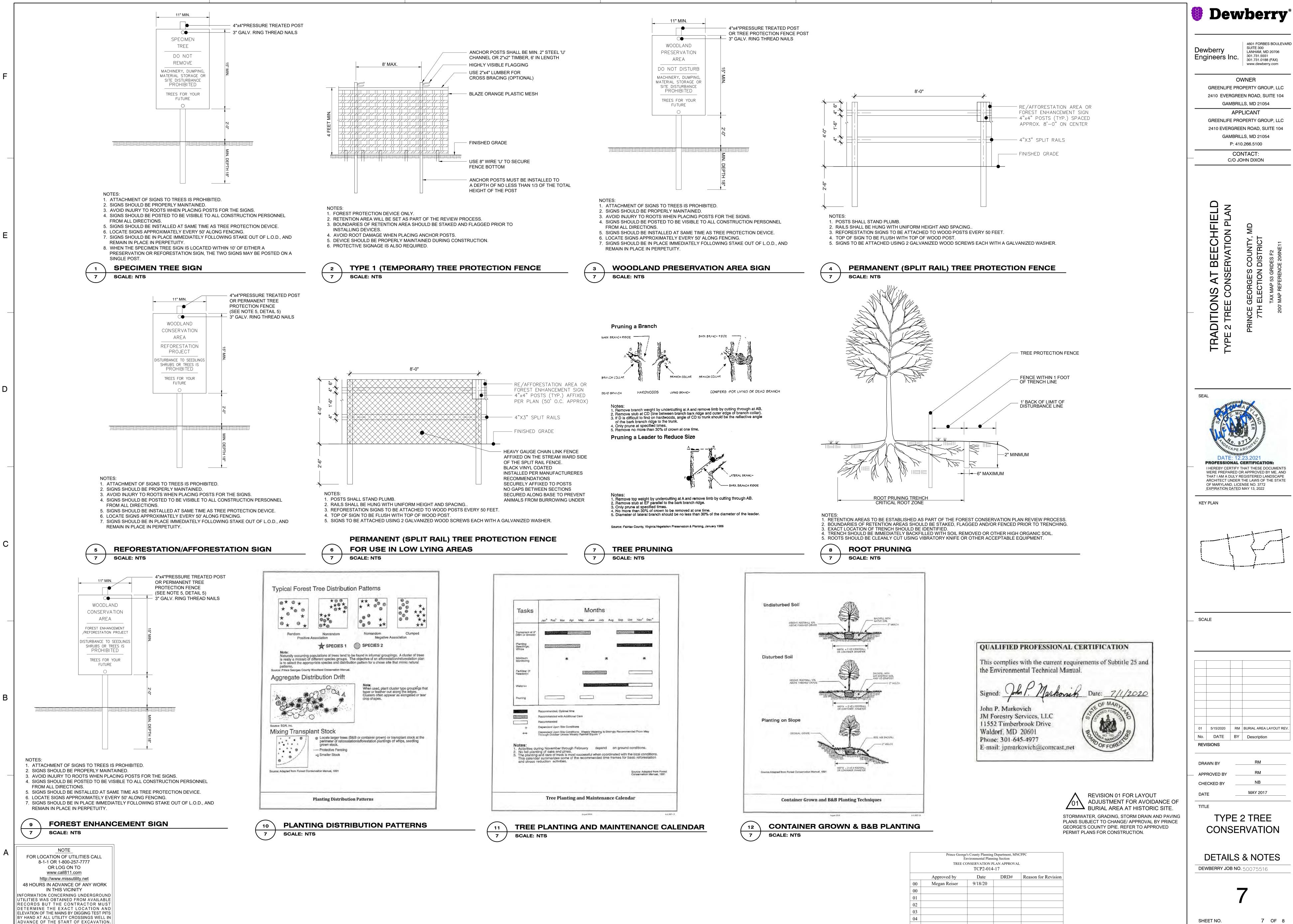
DETAILS & NOTES

DEWBERRY JOB NO. 50075516



SHEET NO.

6 OF 8



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

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS

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

CONSERVATION

DETAILS & NOTES

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:

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 A REA #1	_				Acreage	0.14		
	Strecies			Caliper Plantin	g Stock		Referestation	Percent of	Min. Req.
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Credits	Stocking	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
Itea 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/ A c
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
Vibumum dentatum	Airowwood Viburnum	3 Gal.		1.75	Cont	45	79	32.3%	400/Ac
	·			Reforesta	tion Unit	ts Provided	244	,	
				Total Reforesta	tion Unit	ts Required	98		
						Excess	146		

	LANDSCAPE AREA #2					Acreage	1.36		
Spe	cies		Large	Caliper Plantin	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/Ac
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	Winterbeny	3 Gal.		1.75	Cont	25	44	2.1%	400/Ac
Lindera benzoin	Spicebush	3 Gal.		1.75	Cont	47	82	4.8%	400/Ac
Vibumum dentatum	Arrowwood Vibumum	3 Gal.		1.75	Cont	45	79	4.6%	400/Ac
				Reforesta	tion Unit	s Provided	1,696		
				Total Reforesta	tion Unit	s 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
	·	•		Reforesta	tion Unit	s Provided	179		
				Total Reforesta	tion Unit	s Required	98		
						E	0.1		

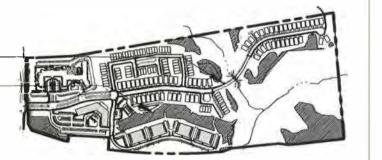
Site Stocking Equivalency Table	Typical Total		Adjusted Caliper
based on 2010 Environmental Technical Manual (See Appendix A-60)	Per Acre	Divider	Number per Acre
Seedlings & Whips Bare Root	700	1	700
Seedlings Tubes minimu 1.5" width	70	1.4	500
Container Grown 1, 2, 3 Gallon	700	1.75	400
Container Grown 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.

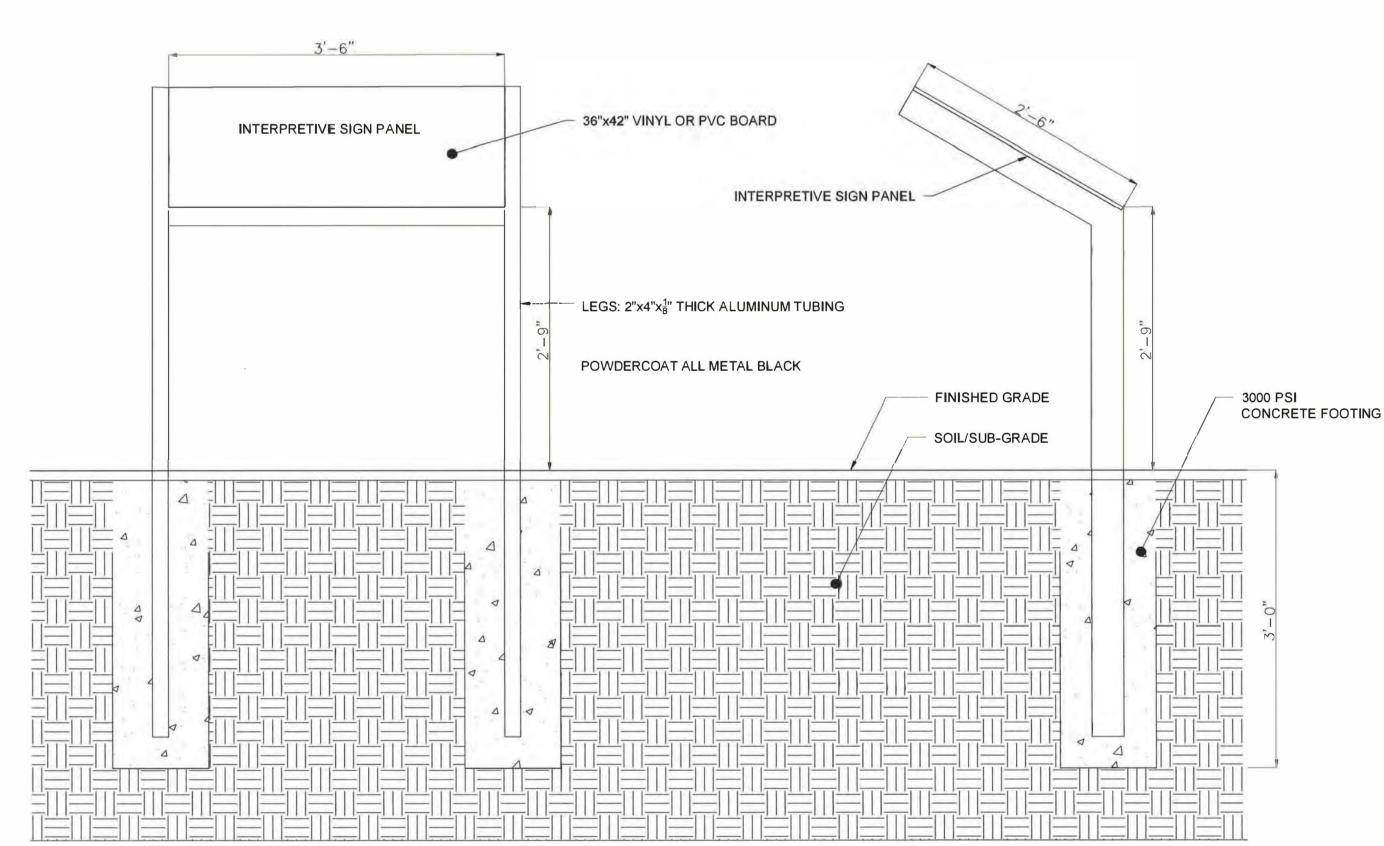
> YOU ARE HERE FOREST ENHANCEMENT, REFORESTATION, AND PRESERVATION AREAS



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

STORMWATER, GRADING, STORM DRAIN AND PAVING PLANS SUBJECT TO CHANGE/ APPROVAL BY PRINCE

SIDE VIEW

SIGN SPECIFICATION IS BASED

SERVICE WAYSIDE EXHIBIT LOW

GEORGE'S COUNTY DPIE. REFER TO APPROVED

PERMIT PLANS FOR CONSTRUCTION.

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

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

> CONTACT: C/O JOHN DIXON

P: 410.266.5100

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

APPROVED BY CHECKED BY

DATE TITLE

REVISIONS

TYPE 2 TREE CONSERVATION

DETAILS & NOTES DEWBERRY JOB NO. 50075516

SHEET NO.

8 OF 8