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																			Phased Woodland Conservation Worksheet for Prince George's County
No. Common Na	me Scientific Name		Specimen Tree T		Disposition	No. Common	Yame Scientific		listoric Tree	Condition Comments	Disposition	106	Southern Red Oal		3	Fair		Retained	SECTION 1- Establishing Site Information (Enter acres for each zone)
No. Common Nai	пе Scientific Name	DBH (inches)		Condition Comments	Disposition			(inch	es) Rating		,	107	Red Mulberry Sweet Gum	Morus rubra Liquidambar	7 10	Poor Fair		Retained Retained	Zone: M-X-T Gross Tract: 428.15 Include acreages onlyin co
A WillowOak	Quercus phelios	31	12 Very Poo	r Severe trunk rot, broken off main leader, declining health	Retained	1 Eastern Rec	,	,	1 551	Crown dleback, broken limbs Spllt trunk, broken limbs	Retained Retained	109	Black Cherry	styraciflua Prunus serotina	10	Poor		Retained	Floodplain: Previously Dedicated Land: Net Tract (NTA): 85.73 for which there is a corresp 288.38 0.00 0.00
B White Oak	Quercus alba	38	10 Very Poo	r Severe crown dieback, broken	Retained	3 White 0					Retained	110	Black Cherry	Prunus serotina	13	Poor		Retained	TCP II or 2 Number 2-036-99 Revision 16 Property Description or Subdivision Name: MELFORD OVERALL
				limbs, trunk decay		4 Eastern Red 5 Eastern Red	Cedar Juniperus v		Fair Fair	Crown dieback, broken limbs Trunk damage, co-dominant leade	Retained er Retained	111	Bradford Pear	Pyrus calleryana	17	Poor		Retained	TCP1 Number Is this site subject to the 1989 Ordinance? (Y/N) N 2010 Ordinance? (Y/N) N Within PFA (Y/N)
C Norway Mapl	le Acer platanoides	38	10 Very Poo	Trunk decay, broken limbs, declining health	Retained	6 Norway N	,		227 227	cutat base, broken limbs	Retained	112	Sweet Cherry	Prunus avium	7	Good		Retained	Break-even Point (preservation acres) = 69.72 Acres of Net Tract clearing permitted w/o reforestion= 105.83
D Elm sp.	Ulmus sp.	30	20 Poor	Large cavity in one leader, possible declining health	Retained	7 Mockernut	7			Growing into a large Japanese	Retained	112	Sweet Cherry	Prunus avium	7	Good		Retained	SECTION II - Determining Woodland Conservation Requirements (Enter acres for each corresponding column)
E Yellow Popla	ar Liniodendron tulipifer	ra 57	18 Poor	Large cavity in trunk, decay	Retained	8 Mockernut	lickory Carya tom	ntosa 15	Good	yew	Retained	114	Black Cherry	Prunus serotina	6	Fair		Retained	Existing Woodland on NetTract (acres) 175.55 Existing Woodland in Floodplain (acres) 89.26
F Red Maple	Асег пивлит	39	21 Poor	l.arge area of decay in trunk	Retained	9 Eastern Red	· ·		Poor	Broken off main leader	Retained	115	Black Cherry	Prunus serotina	6	Good		Retained	Woodland Conservation Threshold (NTA) = 15.00% 43.26 Smaller of 10 or 12 43.26
G Basswood	Tilia americana	39	27 Good		Retained	10 Norway S 11 Norway s			•	Leaning, included bark	Retained Retained	116	Black Cherry	Prunus serotina	6	Fair		Retained	Woodland above WCT 132.29 Plan Number: (This must be completed for each phase) SDP-0405 DSP-06096 DSP-07072 DSP-07031
H Elm sp.	Ulmus sp.	46	8 Very Poo		Retained	12 Eastern Rec			Fair		Retained	117	Southern Red Oal	k Quercus falcata	6	Poor		Retained	Revision Number Plan Phase or Name: Phase 1 Phase 2 IM ase 3 Lo1 Bihase Lot3 Bik Pod 6
J Norway Maple		34	15 Very Poo 20 Poor	r Declining health Trunk cavities	Retained	13 American 14 Black Wa	, , ,		1.551	Larger tree limb leaning on holly Leaning	Retained Retained	118	Black Cherry	Prunus serotina	11	Poor		Retained	TCP2 Number for this Phase or Section 2-036-99 2-036-99 02-025-2017 2-036-99 2-036-99 Revision Number 1 5 0 7 16
K Black Locus	t Robinia	30	15 Poor	Crown dieback, broken limbs,	Retained	15 Sweet C		-		Broken limbs	Retained	119	Red Mulberry	Morus rubra	5	Fair		Retained	Status APPROVED APPROVED APPROVED APPROVED PENDING Approval Date 2/28/2006 1/26/2018 9/22/2008 PENDING
I Fredrice 1986	pseudo-acacia	20	22 Fair	declining health	Datriand	16 BlackWa			Fair		Retained	120	Black Cherry Black Cherry	Prunus serotina Prunus serotina	12 8, 6	Good Fair	Twin	Retained Retained	Total area in this application (acres) 239.07 25.19 10.05 23.49 38.54 Floodplain area in this application (acres) 85.57 0.00 0.00 0.00
L Eastern Whit		30	23 Fair	Crown dieback, broken limbs	Retained	17 Black Lo	cust Robin pseudo-a	I .	Poor	Crown dieback, broken limbs	Retained	122	Black Cherry	Prunus serotina	5	Poor	1 7781	Retained	Net Tract area in the application (acres) 153.50 25.19 10.05 23.49 38.54 Woodland on the Net Tract for this phase (acres) 119.38 10.42 2.52 0.05 1.87
M Eastern Whit Pine	te Pinnus strobus	36	20 Poor	Broken offlimbs, twin leaders split at 20', large trunk cavity	Retained	18 American 19 Black W			2:		Retained Retained	123	Sweet Cherry	Prunus avium	5	Very Pocr		Retained	Woodland in the Floodplain for this phase85.570.000.000.000.00Woodland Cleared on Net Tract for this phase78.640.121.690.000.43
N Eastern Hemk	ock Tsuga canadensis	31	30 Excellent		Retained	20 Ginke					Retained	124	Black Cherry Sycamore	Prunus serotina Platanus	6	Fair Good		Retained Retained	Woodland Cleared In Floodplain for this phase 0.07 0.00 0.00 0.00 Off-site Woodland Clearing (1:1) 0.00 0.00 0.00 0.00
· ·	ar Liriodendron tulipifer	ra 32			To Be Removed	21 Norway S			12.27	Slight lean, unbalanced	Retained	126	Sweet Gum	occidentalis Liquidambar	12	Good		Retained	Off-site WCA being provided on this property(preservation) Off-site WCA being provided on this property(aff/reforestation) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
P Pitch Pine	Pinus rigida	43	26 Good		To Be Removed	22 Magno	Grandi	ora	************		Retained	127	Sweet Gum	styraciflua Liquidambar	17	Poor		Retained	Cummulative acres of Net Tract Woodland cleared 78.64 78.76 80.45 80.45 80.88 Cummulative acres of Floodplain woodland cleared 0.07 0.07 0.07 0.07 0.07
Q Elm sp.	Ulmus sp.	44	20 Poor 21 Poor		To Be Removed To 8e Removed	23 White Mu 24 Redbi	,		Poor Fair	Poorform, severe lean	Retained Retained	120		styraciflua	13	Fair		Retained	Smaller of 14 or 26 78.64 78.76 80.45 80.45 80.88 Woodland Clearing below WCT 0.00 0.00 0.00 0.00 0.00 Clearing below WCT(2:1 replacement requirement) 0.00 0.00 0.00 0.00 0.00
S Elm sp.	Ulmus sp.	33	20 Poor		To Be Removed	25 Elm s		p. 20	Poor	Crown dieback, broken limbs vine	e Retained	120	Sweet Gum	Liquidambar styraciflua	10				Clearing below WCT(2:1 replacement requirement) 0.00
T Elm sp.	Ulmus sp.	35	12 Very Poo	r Declining healtth	To Be Removed	26 Mockemut	lickory Carya torr	ntosa 23	Fair	Broken limbs, growing on a steep	p Retained	129	Sweet Gum	Liquiidambar styraciflua	22	Fair		Retained	Afforestation Required Threshold (AFT) = 15.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00
U Elm sp.	Ulmus sp.	35	21 Poor		To Be Removed	27 Norway S	ruce Picea a	ies 23	S Fair	Leaning	Retained	130	Sweet Gum	Liquidambar styraciflua	11	Poor		Retained	Latest phase Indicates cumulative requirement through that phase
V White Ash	Fraxinus americana		19 Poor		To Be Removed	28 Eastern Red		_	Fair	Broken limbs	Retained	131	Sweet Gum	Liquidambar styraciflua	17	Fair		Retained	SECTION III - Meeting the Requirements Woodland Preservation 34.32 10.30 0.87 0.05 1.44
W WhiteAsh X Elm sp.	F.raxinus americana Ulmus sp.	36	27 Good 23 Fair	Dedining health, dead wood in	Retained To Be Removed	29 Appl 30 Elm s				Severe lean, large cavity Multi-stem trunk, poor form	Retained Retained	132	Black Cherry	Prunus serotina	6	Fair		Retained	Afforestation/Reforestation 2.29 1.97 0.69 2.07 0.00 Natural Regeneration
Y Elm sp.	Ulmus sp.	32	18 Poor	canopy	To Be Removed	31 Norway S	oru ce Picea a	6,3	3	Leaning, heavy vine cover	Retained	133	Eastern Red Ceda Sweet Gurn	Juniperus virginiana Liquidambar	20	Good		Retained Retained	Landscape Credits Specimen & Historic Tree (CRZ area) 0.00 0.00 0.00 0.00 0.00
Z Black Walnu	,	36	23 Fair		To Be Removed	32 Mockemut				Slight lean	Retained	105		styraciflua	17				Specimen & Historic Tree Credit Forest Enhancement Acreage
AA Yellow Popla		na 32	27 Good		To Be Removed	33 Mockemut	,,	-	Fair	Broken limbs	Retained	135	Sweet Gum	Liquidambar styraciflua	17	Fair		Retained	Forest Enhancement Credit (25% of enhancement area) Street Tree Credit (Existing or 10-year canopy) 0.00 0.00 0.00 0.00 0.00
BB Sycamore	Platanus occidentali	is 41	27 Good		To Be Removed	34 American 35 Mockernut	, ,		Good	Unbalanced canopy, broken limbs	Retained s Retained	136	Sweet Gum	Liquidambar styraciflua	7	Fair		Retained	Area approved for fee-In-Illeu 0.00 0.00 0.42 0.00 0.00 Off-site Woodland Conservation Credits Required 0.00 0.00 0.00 0.00 0.00
CC Yellow Popla	ar Liniodendron tulipifer	ra 31	23 Fair		Retained	36 NorwayN	aple Acerplata	oides 9	Poor	Crown dieback, broken limbs	Retained	137	Sweet Gum	Liquidambar styraciflua	10	Fair		Retained	Off-site WCA (preservation) being provided on this property 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
DO Sycamore	Platanus occidentali		26 Good		Retained Retained	37 Norway M 36 Norway M			_	Unbalanced canopy, leaning	Retained Retained	138	Black Cherry	Prunus serotina	4	Good		Retained	Cummulative Woodland Conservation Provided 36.61 48.88 50.86 52.98 54.42
FF Yellow Popla	·		30 Excellent 31 Excellent		Retained	39 Sassas			Good	Twin	Retained	139	Sweet Gum	Liquidambar styraciflua	15	Good		Retained	Woodland saved on this phase but not counted 6.42 0.00 -0.04 0.00 0.00 Existing Net Tract Woodland in later phases 45.75 43.23 43.18 41.31
GG Yellow Popla			26 Good		Retained	40 Black W		-			Retained	140	Sweet Gum	Liquidambar styraciflua	17	Fair		Retained	Requirement Status per Phase #VALUE!
HH yellow-popla	r Liriodendron tulipifer	ra 37	29 Excellent		Retained	41 Black Ct 42 Sassafi			8 Poor Poor	Twin, 6*leader diseased Large cavity at base	Retained Retained	141	Sweet Gum	Liquidambar styraciflua	7	Good		Retained	Prepared by: 5-7-2021
II Yellow Popla	ar Liriodandron tulipifer	ra 33	26 Good		Retained	43 Black Ch	erry Prunus s	otina 18	Poor	Large dead wood, poor form, storn damage	m Retained	142	Sweet Gum	Liquidambar styraciflua	16	Good		Retained	Licens e Number: Signature Date
JJ Yellow Popla	·		26 Good		Retained	44 Sweet Cl	erry Prunus a	rium 12	Poor	Cavity, broken off main leader	Retained	143	Southern Red Oal	-,	4	Good		Retained	NOTE: FOR REVISION-16 TO THE PHASE WORKSHEET, AN ERROR WAS FOUND IN THE TOTAL WOODLAND O
KK Yellow Popla			26 Good	Multi-trunk, split at base, vine	Retained	45 Southern R	10		>20000000000000000000000000000000000000	On the Field of	Retained	144	Ironwood	Carpinus caroliniana	3	Good		Retained	REQUIRED COLUMN (FAR RIGHT SIDE OF WORKSHEET) WHICH WILL BE RECONCILED WITH THE NEXT Note: The above Phased Worksheet was revised with DSP-06096-02 Marriott Hotels @ Bowie-Melford, when a separate
MM Yellow Popla	·			cover	Retained	46 Southern R 47 Sweet C			Fair Good	One-sided, slight lean	Retained Retained	145	Ironwood	Carpinus caroliniana	3	Fair		Retained	* - Area of this DSP is previously accounted for in columns 1-6 of this table. ** - This addresses specific requirements of Mass Grading DSP (DSP-17020), The Aspen (DSP-18007), Retail East (DS
NN Yellow Popla	· ·		20 Poor 24 Fair	Declining health	Retained	48 Sweet C	styraci um Liquidai		Fair		Retained	146	Black Cherry	Prunus serotina	5	Good		Retained	This addresses specific requirements of Mass Grading Dof (Dof Trozo), The Aspen (Dof Trozof), Netali Last (L
OO White Oak	·	33	27 Good		Retained	49 Sweet 0	styraci	19			Retained	147	Ironwood	Carpinus caroliniana	3	Good		Retained	
PP Yellow Popla	ar Liniodendron tulipifer	ra 30	18 Poor		Retained		styraci	ıa				148	Black Cherry Black Cherry	Prunus serotina Prunus serotina	5	Very Poor Fair		Retained Retained	
QQ Yellow Popla	ar Liniodendron tulipifer	ra 32	13 Very Poo	r Severe declining health	Retained	50 Sweet 0	um Liquidai styraci		Good		Retained	150	Black Cherry	Prunus serotina	6	Good		Retained	
RR Yellow Popla			20 Poor	Biograph de district a selfe and its	Retained	51 Black Ch 52 Black Ch	•		Fair Fair		Retained Retained	151	American Beech	Fagus grandifolia	5	Good	1	Retained	Individual TCP2 with Previously Approved TCP1 or TCP2 Woodland Conservation Worksheet for Prince George's County
SS Southern Red (30	15 Very Poo 23 Fair	Diseased, dedining health, cavity Storm damage	Retained Retained	53 Black Ch	•		Fair		Retained	152	Sweet Gum	Liquidambar styraciflua	20	Good		Retained	SECTION I - Establishing Site Information (Enter acres for each zone)
UU Southern Red 0		30	24 Fair	Large dead wood	Retained	54 Black Ch	•		Fair		Retained	153	Ironwood	Carpinus caroliniana	3	Good		Retained	1 Zone: M-X-T 6.48
VV Yellow Popla	ar Liniodendron tulipifer	ra 40	16 Very Poo	r Large cavity	Retained	55 Sweet Cl 56 Sweet C	•		Poor	Storm damage, broken limbs	Retained Retained	154	Southern Red Oal American Beech		3	Good Good		Retained Retained	3 Floodplain: 0.00
W Southern Red 0	Oak Quercus falcata	35	26 Good		Retained	57 Southern R	styraci		Good		Retained	156	Sweet Gum	Liquidambar	16	Good		Retained	4 Previously Dedicated Land: 0.00 5 Net Tract (NTA): 6.48 0.00 0.00
XX Southern Red (Oak Quercus falcata	38	26 Good		Retained	58 Black Ch			Fair		Retained	157	Ironwood	styraciflua Carpinus	3	Good		Retained	6 Property Description or Subdivision Name: Encompass Health of Melford Pod 6 Lot 5
YY Southern Red (- 14 togla - 10 (0 1 / 10 0 0 0 1 / 10 / 10 0 0 0 0 0 0 0	34	23 Fair		Retained	59 Sweet Cl	•		Good		Retained	158	American Beech	caroliniana Fagus grandifolia	6	Good		Retained	7 Current TCP Number: 2-036-99 Rev # 16 8 Previous TCP Number: 2-036-99 Rev # 15
ZZ Southern Red (Oak Quercu sfalcata	32	19 Poor	Poor form, large dead wood, storm damage	Retained	60 Black Ch 61 Black Ch	-		Good		Retained Retained	159	Sweet Gum	Liquidambar styraciflua	17	Good		Retained	Site subject to the 2010 Ordinance (Y or N)
AA White Oak	Quercusalba	31	23 Fair	Large dead wood, storm damage	Retained	62 Black Ch	,	-	Good	-	Retained	160	Black Cherry	Prunus serotina	3	Fair		Retained	Is this a priority funding area? (Y or N)
BB Southern Red 0	Oak Quercus falcata	41	26 Good	Minor storm damage	Retained	63 Black Ct 64 Black Ct	•		Good		Retained Retained	161	Ironwood	Carpinus caroliniana	5	Good		Retained	SECTION II - Determining Woodland Conservation Requirements (Enter acres in corresponding co
CC Yellow Popla	ar Liniodendron tulipifer	ra 30	27 Good	8roken limbs	Retained	65 Ironwo	-		Good		Retained	162	Yellow Poplar	Linodendron tulipifera	5	Good		Retained	9 Woodland Conservation Calculations: Net tract Flood 11 Acreage of Existing Woodland 0.00
NOTES:						66 Sweet 0		bar 21	Poor	Storm damage, narrow crown,	Retained	163	American Beech	Fagus grandifolia	3	Good	-	Retained	12 Woodland Conservation Required for per TCPI or TCP2 0.00% 0.00 13 Area of Woodland Cleared per previous TCP1 or TCP2 4.28
REQUIREM	IS IN ACCORDANCE MENTS OF SUBTITLE	25 APPRO	OVED BY THE PLAN	INING BOARD ON		67 Black G	-,		Good	heavy vine cover	Retained	164	American Beech	Fagus grandifolia Carpinus	5	Good		Retained	14 Area of Woodland Cleared per current TCP2 0.00 15 Area of Woodland above WCT not cleared by previous TCP1 or TCP2 0.00
25-122(b)(1	2017 FOR THE REM(I)(c)): S T- O, P, Q, R, I IS IN ACCORDANCE	S, T, U, V,	Y, Z, AA AND BB.	•		68 Sweet G	um Liquidai styraci		Fair	Broken limbs	Retained	165	Ironwood Southern Red Oak	caroliniana		Good		Retained	16 Additional Woodland Cleared by current TCP2 0.00 17 Does the TCPI show 2:1 replacement?
REQUIREN MARCH 18	MENTS OF SUBTITLE , 2020 FOR THE REM	25 APPRO 10VAL OF	OVED BY THE PLAN TWELVE HISTORIC	INING BOARD ON		69 American	Beech Fagus gra	difolia 7	Good		Retained	1		Quercus falcata Fagus grandifolia		Good		Retained Retained	18 Clearing above WCT (1/4:1 Replacement) 19 Clearing below WCT (2:1 Replacement) 0.00 Replacement required =
3) THIS PLAN	1)(C)): 7, 30, 32, 33, 3 I IS IN ACCORDANCE	E WITH A V	ARIANCE FROM TH			70 Sweet 0	um <i>Liquidai</i> styraci		Fair	Narrowcrown	Retained	168	Ironwood	Carpinus caroliniana	3	Good		Retained	20 Total Woodland Conservation Required : 0.00 Replacement required =
JULY 6, 20	MENTS OF SUBTITLE 20 FOR THE REMOV 1)(C)): ST-X.					71 Sassas			Good		Retained	169	Ironwood	Carpinus caroliniana	4	Good		Retained	SECTION III-Meeting the Requirement (Enter acres in corresponding column)
						72 Red Mull 73 Black Ch	,		Poor		Retained Retained	170	Ironwood	Carpinus caroliniana	3	Fair		Retained	21 Woodland Conservation Provided: (acres) 22 Woodland Preservation 0.00
						74 Black Ch	•				Retained	171	Southern Red Oak	Quercus falcata	ļ	Fair		Retained	23 Reforestation / Afforestation 0.00 Bond amount: \$ 24 Natural Regeneration 0.00
						75 Black Ct 76 Black Ct	•		Good		Retained Retained	172	Southern Red Oak Eastern Red Ceda	Quercus falcata Tuniperus virginiana		Good		Retained Retained	25 Landscape Credits 26 Area approved for fee-in-lieu 0.00 0.00 Fee amount:
						77 Black Ch	erry Prunus so		Fair		Retained	-	Southern Red Oak		1	Good		Retained	27 Credits Received for Off-site Mitigation on another property 28 Off-site Mitigation provided on this property 0.00 0.00
						78 Sweet C	styraci		Good		Retained		Ironwood	Carpinus caroliniana		Good		Retained	29 Total Woodland Conservation Provided 0.00 0.00
						79 Southern R 80 Black Ch			Good		Retained Retained	1	Southern Red Oak	Quercus falcata Quercus falcata	1	Good		Retaine d	29 Area of net tract woodland not cleared 0.00 acres
						81 Eastern Red		_	Good		Retained	178	American Beech	Fagus grandifolia	+	Fair		Retained	30 Woodland retained not part of requirements: 0.00 acres
						82 Black Ct	•		Good	Twin	Retained	-	Eastern Red Ceda	, ,	1	Good		Retained	31 Prepared by: David Bickel Date: 5-7-2021
						83 Black Ch 64 Black Ch	-		4 Fair Good	Twin	Retained Retained	-	Eastern Red Ceda	Carpinus		Good		Retained Retained	32 Qualifications: License Number 3210
						85 Black Ch	*		Fair		Retained	182		caroliniana Quercus falcata		Good		Retained	
						86 Red Mult 87 Black Ct	,		Poor 6 Fair	Twin	Retained Retained	183	American Beech	Fagus grandifolia	4	Fair		Retained	
						88 Sweet Cl	erry Prunus a	rium 4	Fair		Retained		Ironwood	Carpinus caroliniana		Good		Retained	
						89 Sweet Cl 90 Sweet Cl			Good		Retained Retained		Southern Red Oak	Quercus falcata Liquidambar		Good		Retained	
						91 Black Ch	-		Fair		Retained		Sweet Gum	styraciflua		Fair		Retained	
						92 Southern R			Good		Retained		Eastern Red Ceda Black Cherry	Juniperus virginiana Prunus serotina	1	Good Fair		Retained Retained	
						93 Black Ch 94 Black Ch	•		Poor		Retained Retained	1	Black Cherry	Prunus serotina	4	Fair		Retained	
						95 Black Cl	erry Prunus se	otina 7	Fair		Retained		OTE:						THE QUANTITY OF HISTORIC TREE CREDITS IN THE ENVIRONMENTAL SETTING SHALL BE CALCULATED AND ADDED TO THE WOODLAND CONSERVATION WORKSHEET.
						96 Black Ch	- W		Fair		Retained	AT T		. ,	AY CREDIT	T HISTORIO	IC TREES WITHIN THE EN	IVIRONMENTAL SETTIN	PRIOR TO THE ISSUANCE OF GRADING PERMITS FOR MELFORD VILLAGE WHICH CREDIT WOODLAND CONSERVATION WITH THE CEMETERY ENVIRONMENTAL FOR HISTORIC TREE CREDIT, A HAWP FOR
						98 Comm	on Diospy	os 9,7		Twin	Retained				OWNERS	SHIP OF TH	HE PROPERTY SHALL BE	DEMONSTRATED.	IMPLEMENTATION OF THE HISTORIC SETTING VEGETATION MANAGEMENT PLAN SHALL BE APPROVED, AND A BOND FOR IMPLEMENTATION OF THE PLAN SHALL BE SUBMITTED. BONDING SHALL BE HELD UNTIL THE
						99 Sweet CI			Good		Retained			REE INVENTORY OF	F THE ENV	VIRONMEN	NTAL SETTING OF THE CE	EMETERY SHALL BE PR	REQUIREMENTS OF THE PLAN IS FULLY IMPLEMENTED, AND FOUR YEARS OF MAINTENANCE HAS BEEN
						100 Sweet C	um Liquidai styraci		Good		Retained	C. /	A HISTORIC SE	TTING VEGETATION			LAN FOR THE CEMETER		
						101 Sweet Cl	erry Prunus a	ium 4	Fair	To the state of th	Retained	(ONSITE, TO IDE	ENTIFY RECOMME	NDED MA	INTENANC	ULD BE REMOVED TO PR CE ACTIVITIES, AND TO PI SHALL INCLUDE A MAINT	ROPOSE ANY ADDITION	NAL
						102 Sweet Cl	,		Fair 8 Good	Twin	Retained Retained	(CEMETERY TO IMPLEMENTATI	RETAIN AN OPEN	CHARACT	TER OVER A MINIMUN	R THE KNOWN GRAVE SIT M OF FOUR YEARS OF MA	ES, A COST ESTIMATE AINTENANCE, AND SHA	FOR
							tulipife	а			Retained	1		PARTY OR PARTIE			OR THE LONG-TERM MAIN		
						TO T	tulipifo	а				is.							
						105 Southern R	ed Oak Quercus	lcata 25	Good		Retained								

N 69.72 105.83 rements	M-X-T 428.15 85.73 54.04 288.38 2-036-99 MELFORD O' TCP1- 2010 Ordin	for each corr SDP-0405	0.00 16 N responding co	for which the	ages onlyin core is a corresp	ponding zone								
N 69.72 105.83 rements	M-X-T 428.15 85.73 54.04 288.38 2-036-99 MELFORD O'TCP1- 2010 Ordin (Enter acres 175.55 89.26 43.26 43.26 132.29 Phase 1 2-036-99 1	Revision VERALL nance? (Y/N) for each corr SDP-0405 Phase2 IM	0.00 16 N responding co	for which the	re is a corresp	ponding zone								
N 69.72 105.83 rements	428.15 85.73 54.04 288.38 2-036-99 MELFORD O' TCP1- 2010 Ordin (Enter acres 175.55 89.26 43.26 43.26 132.29 Phase 1 2-036-99 1	Revision VERALL nance? (Y/N) for each corr SDP-0405 Phase2 IM	0.00 16 N responding co	for which the	re is a corresp	ponding zone								
N 69.72 105.83 rements	54.04 288.38 2-036-99 MELFORD O'TCP1- 2010 Ordin (Enter acres 175.55 89.26 43.26 43.26 132.29 Phase 1 2-036-99 1	Revision VERALL nance? (Y/N) for each corr SDP-0405 Phase2 IM	0.00 16 N responding co	for which the	re is a corresp	ponding zone								
N 69.72 105.83 rements	288.38 2-036-99 MELFORD O'TCP1- 2010 Ordin (Enter acres 175.55 89.26 43.26 43.26 132.29 Phase 1 2-036-99	Revision VERALL nance? (Y/N) for each corr SDP-0405 Phase2 IM	N responding co	Wit	hin PFA (Y/N)	Y								
N 69.72 105.83 rements	2-036-99 MELFORD O' TCP1- 2010 Ordin (Enter acres 175.55 89.26 43.26 43.26 132.29 Phase 1 2-036-99 1	Revision VERALL nance? (Y/N) for each corr SDP-0405 Phase2 IM	N responding co	Wit	hin PFA (Y/N)	Υ								
N 69.72 105.83 rements	MELFORD O'TCP1- 2010 Ordin (Enter acres 175.55) 89.26 43.26 43.26 132.29 Phase 1 2-036-99 1	verall nance? (Y/N) for each corr SDP-0405 Phase2 IM	N responding co) VMt	hin PFA (Y/N)	Υ								
N 69.72 105.83 rements	TCP1- 2010 Ordin (Enter acres 175.55 89.26 43.26 43.26 132.29 Phase 1 2-036-99 1	for each corr SDP-0405	responding co		hin PFA (Y/N)	ΥΥ								
N 69.72 105.83 rements	2010 Ordin (Enter acres) 175.55 89.26 43.26 43.26 132.29 Phase 1 2-036-99 1	for each corresponding to the second	responding co		hin PFA (Y/N)	Y								
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R REVISION-16 TO THE PHASE WORKSHEET, AN ERROR WAS FOUND IN THE TOTAL WOODLAND CONSERVATION

- UIRED COLUMN (FAR RIGHT SIDE OF WORKSHEET) WHICH WILL BE RECONCILED WITH THE NEXT REVISION TO TCP2-036-99. above Phased Worksheet was revised with DSP-06096-02 Marriott Hotels @ Bowie-Melford, when a separated TCP2 number (TCP2-025-2017) was established for Lot 1, Block 2 (Phase 3).
- this DSP is previously accounted for in columns 1-6 of this table.

 ddresses specific requirements of Mass Grading DSP (DSP-17020), The Aspen (DSP-18007), Retail East (DSP-18026), Townhouse Infrastructure (DSP-18034), and The Mansions (DSP-19052) revisions

	Individual TCP2 wit Woodland Conservation						
	Woodiana Conservano	II WOLKSHEET	ioi Fillice	George 3	County		
	SECTION I - Establishing Site Information	(Enter acres fo	r each zone	e)			
1	Zone:	M-X-T	•	ĺ			
2	Gross Tract:	6.48					
3	Floodplain:	0.00					
	Previously Dedicated Land:	0.00					
	Net Tract (NTA):	6.48	0.00	0.00			
6	Property Description or Subdivision Name:	Encompass H	ealth of Me	Iford Pod 6	Lot 5		
	Current TCP Number:	2-036-99	Rev#	16			
	Previous TCP Number:	2-036-99	Rev#	15			
	Site subject to the 2010 Ordinance (Y or N)	N					
	Is this a priority funding area? (Y or N)	Y					
	lo and a phoney randing area. (1 or 11)						
	SECTION II - Determining Woodland Conse	ervation Requ	irements	(Enter acres	s in correspon	dina col	umn)
	Woodland Conservation Calculations:			Net tract		Flood	
	Acreage of Existing Woodland			0.00			0.0
	Woodland Conservation Required for per TCPI	or TCP2	0.00%	0.00			
	Area of Woodland Cleared per previous TCP1			4.28			0.0
	Area of Woodland Cleared per current TCP2		_	0.00	_		0.0
	Area of Woodland above WCT not cleared by	orevious TCP1	or TCP2	0.00			
	Additional Woodland Cleared by current TCP2			0.00			0.0
	Does the TCPI show 2:1 replacement?	N					
	Clearing above WCT (1/4:1 Replacement)	0.00	Replaceme	ent required	=		0.0
	Clearing below WCT (2:1 Replacement)			ent required			0.0
_	Total Woodland Conservation Required :			0.00			
	SECTION III-Meeting the Requirement (Ent	er acres in cor	responding	column)			
	Woodland Conservation Provided:		. coponania	(acres)			
	Woodland Preservation			0.00			
	Reforestation / Afforestation		_		Bond amount:	s	
	Natural Regeneration			0.00	1	<u> </u>	
	Landscape Credits			0.00			
_	Area approved for fee-in-lieu				Fee amount:		\$0.0
	Credits Received for Off-site Mitigation on anot	her property		0.00			70,0
	Off-site Mitigation provided on this property	p	_	0.00			
_	Total Woodland Conservation Provided			0.00			
	Area of net tract woodland not cleared		acres				
30	Woodland retained not part of requirements:	0.00	acres				
	Prepared by: David Bickel	(1)	15/	Date:	5-7-2021		

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION FOR OFFICIAL USE ONLY APPLICATION NAME: MELFORD PROPERTY POD 6 APPLICATION NO.: DSP-07031-04 TCP NO.: TCPII-036-99-16 SIGNATURE APPROVAL OF THIS PLAN IS IN ACCORDANCE WITH PGCPB RESOLUTION NO. 2020-157 DATED DECEMBER 3, 2020. SIGNATURE APPROVAL DATE: Digitally signed by Jill Kosack

	Prince Geo		anning Department, I Planning Section	M-NCPPC
	TYPE 2	TREE CONSER	RVATION PLAN APF 2 - 036-99	PROVAL
	APPROVED BY	DATE	DRD#	REASON FOR REVISION
00	J.P. MARKOVICH	10/30/00	4-98076	
01	R. PORTER INGRUM	02/20/03	DSP-0203	REVISED LAYOUT
02	LORI SHIRLEY	04/07/05	SDP-0203-01	REVISED LAYOUT
03	LORI SHIRLEY	06/17/05		REVISED LAYOUT
04	K.I. FINCH	08/09/05	SDP-0405	PARCEL 2E
05	LORI SHIRLEY	02/28/06	SDP-0402	LOT 5 BLOCK5
06	K. SHOULARS	03/04/09	DSP-06096	LOT 1 BLOCK2
07	K. SHOULARS	09/22/08	DSP-07072	BLOCK 3 LOTS 1-2
80	K. SHOULARS	10/08/09	DSP-07031	MELFORD POD 6 LOTS 1
09	K. SHOULARS	10/17/11	DSP-11018	MELFORD PONDS 1-2
10	K.I. FINCH	06/21/13	DSP-11018-01 DSP-11018-02	REVISED LAYOUT
11	K.I. FINCH	04/14/17	DSP-17020	INFRASTRUCTURE
12	K.I. FINCH	01/31/19	DSP-18007	ASPEN
13	K.I. FINCH	07/26/19	DSP-18026	RETAIL
14	K.I. FINCH	10/11/19	DSP-18034	TOWN HOUSES
15	K.I. FINCH	02/20/20	DSP-19052	MANSIONS, VARIANCE TO REMOVE TREEX AT DIRECTOR LEVEL
	V. 1 1	, ,	DOD 07004 04	10=5 -0-0

Kosack Date: 2021.05.20 16:46:45 -04'00' AUTHORIZED SIGNATURE

16 Kim A. Finch 5/10/2021 DSP-07031-04 LOT 5 POD 6

NOTE: BASE INFORMATION WAS DONE BY OTHERS

TREE (ENCOMP/ TAX MAP ZONING CATEGORY: M-X-T WSSC 200' SHEET 207NE15 HORIZONTAL: XXXXXX VERTICAL: XXXXXX ONE INCH DATE: JULY 2020 1" = NTS DESIGNED: YOR CAD STD'S. VERSION: V8 / NCS

4300 Forbes Boulevard, Suite 230 Lanham, MD 20706

P. 301.794.7555 F. 301.794.7656

REVISIONS BY DATE

INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR TWELVE (12) INCHES, WHICHEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER / DEVELOPER / APPLICANT

ENCOMPASS HEALTH 9001 LIBERTY PARKWAY

BIRMINGHAM, AL 35242 CONTACT: JOHN TSCHUDIN

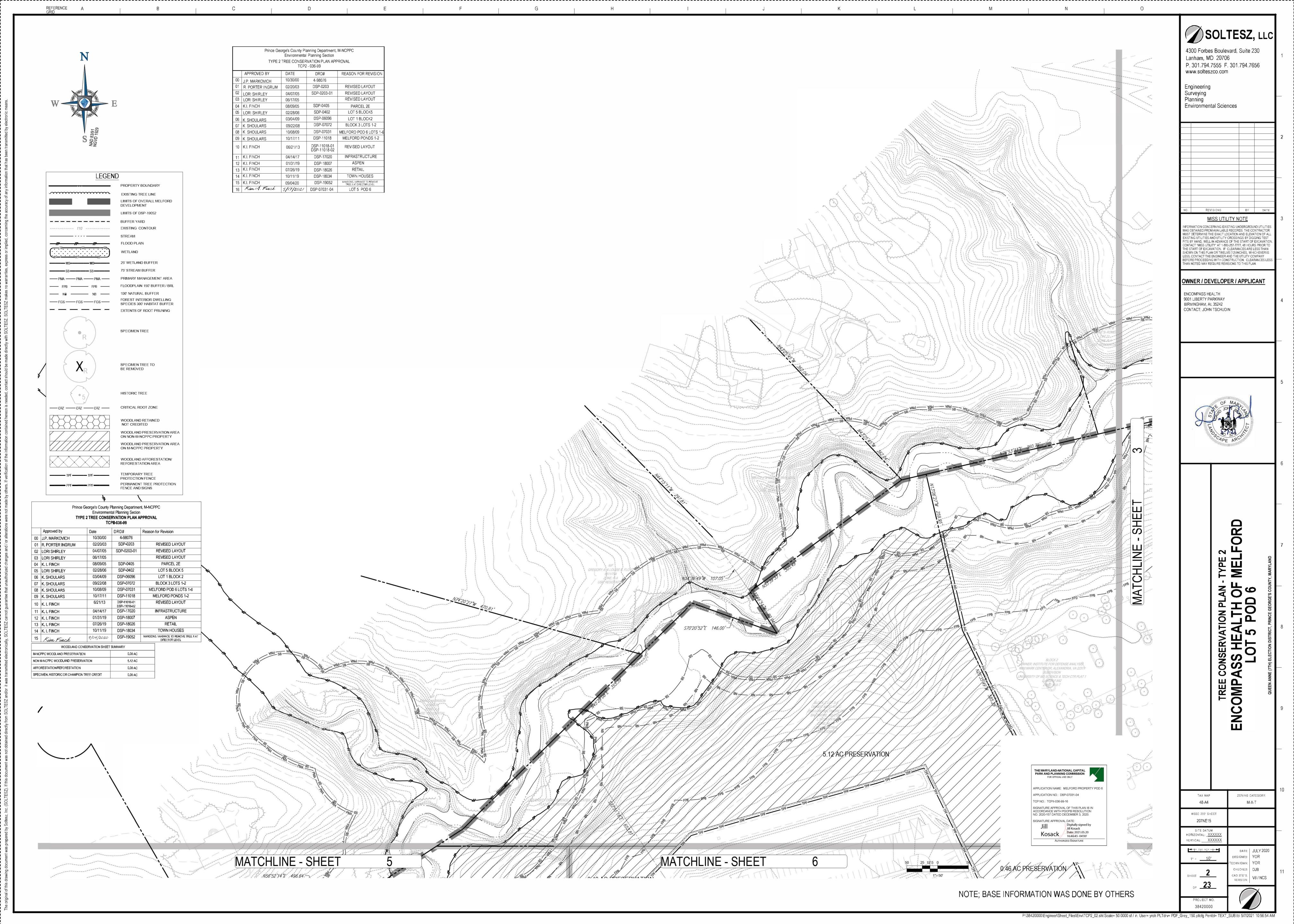
www.solteszco.com

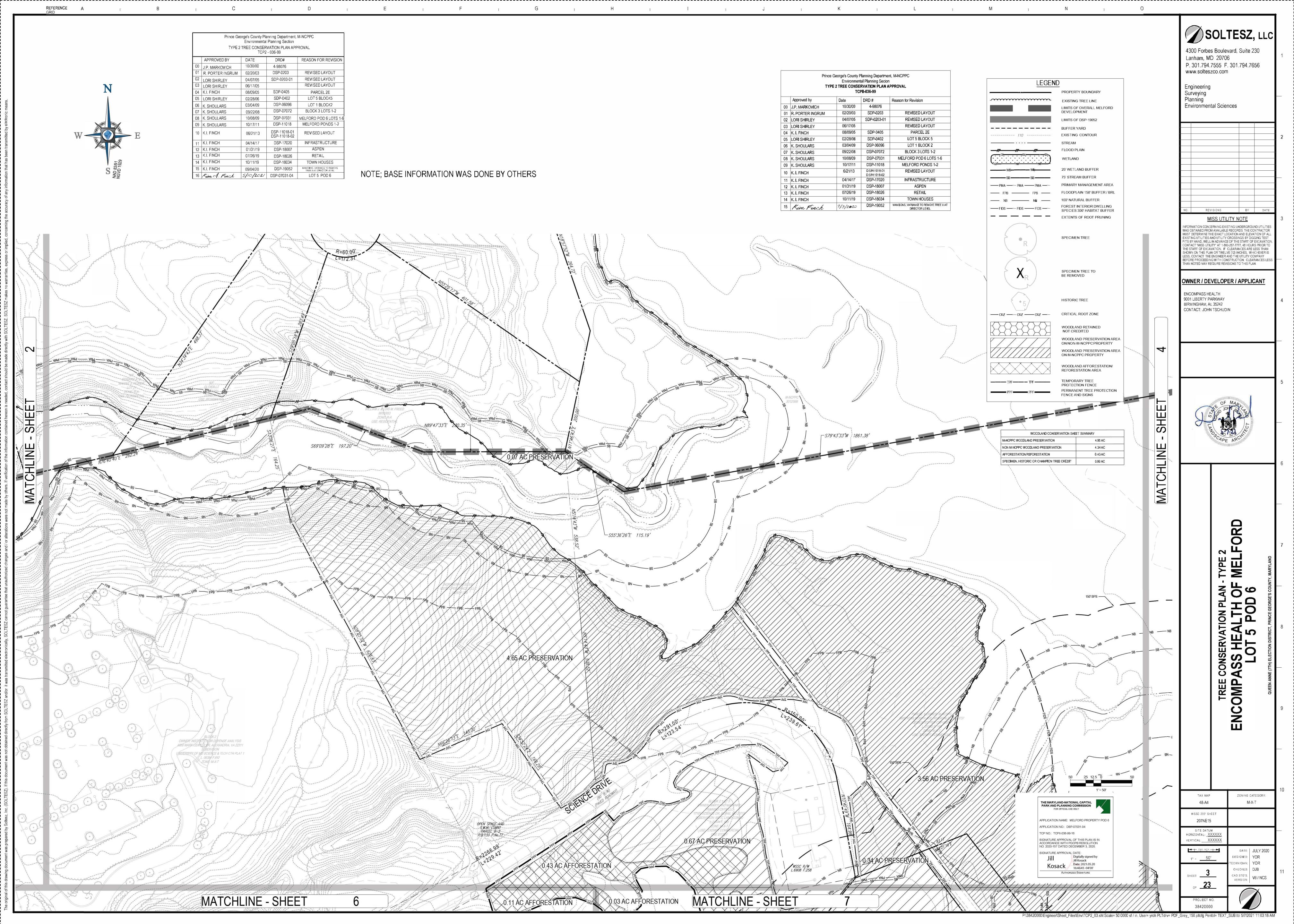
Environmental Sciences

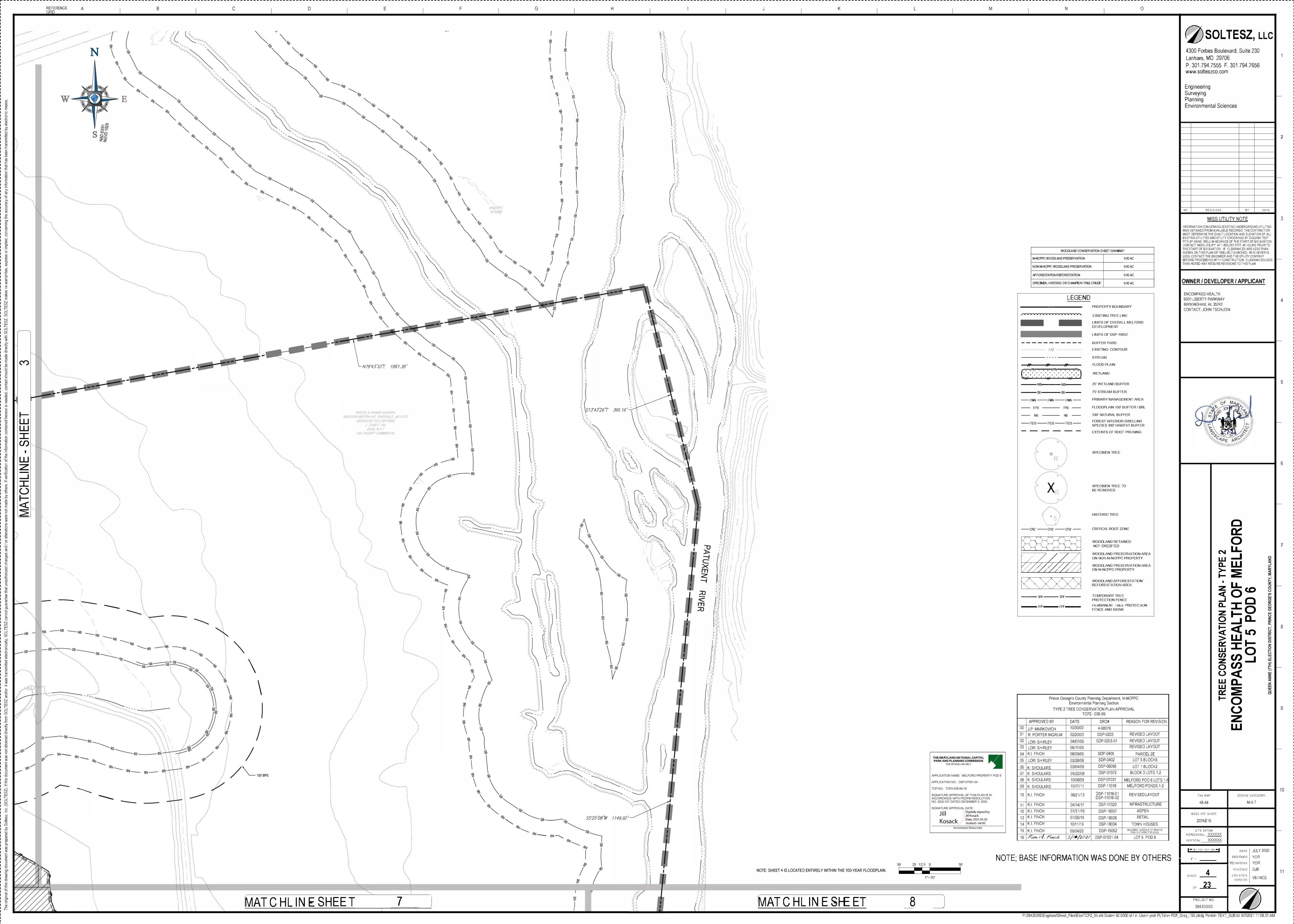
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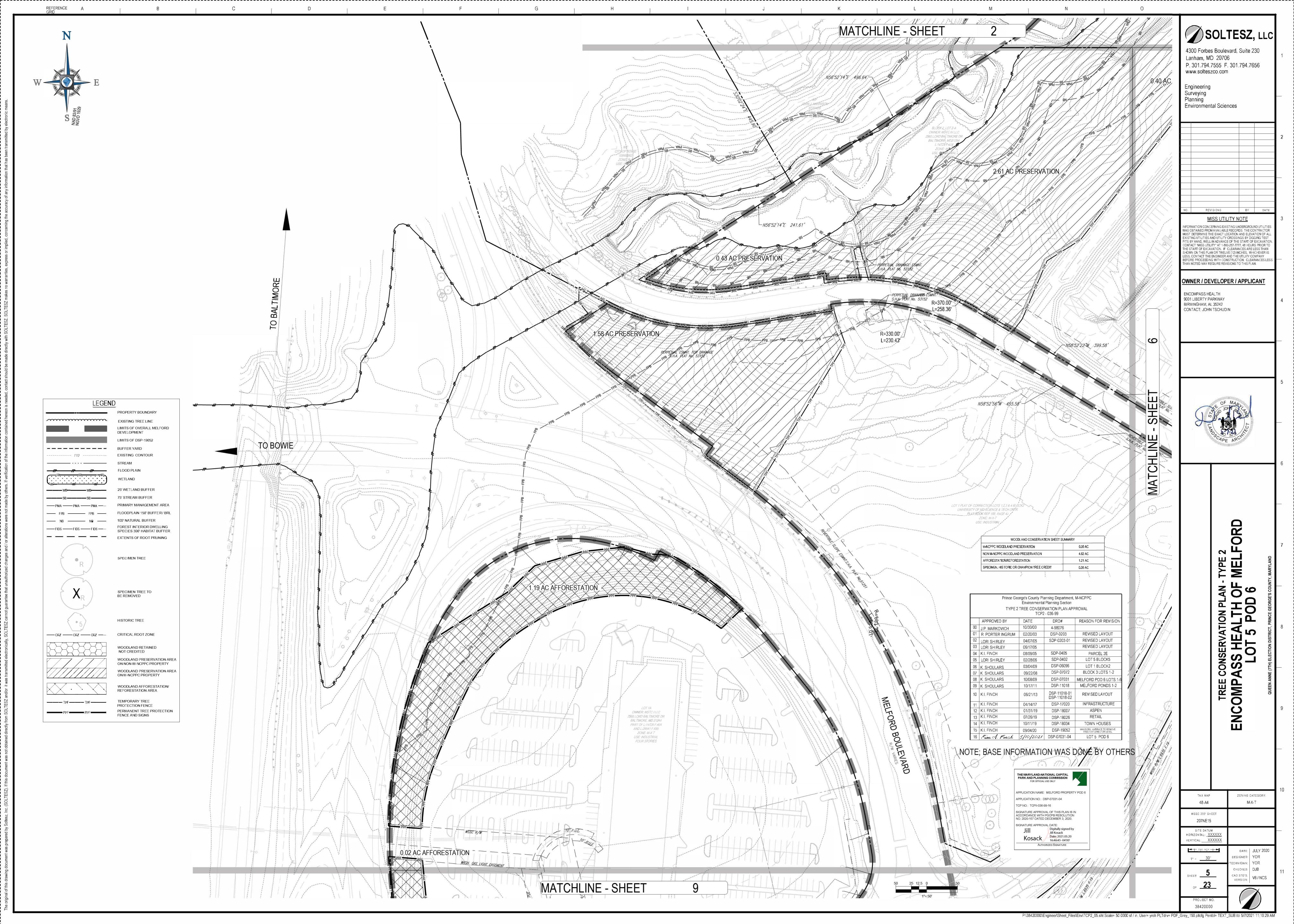
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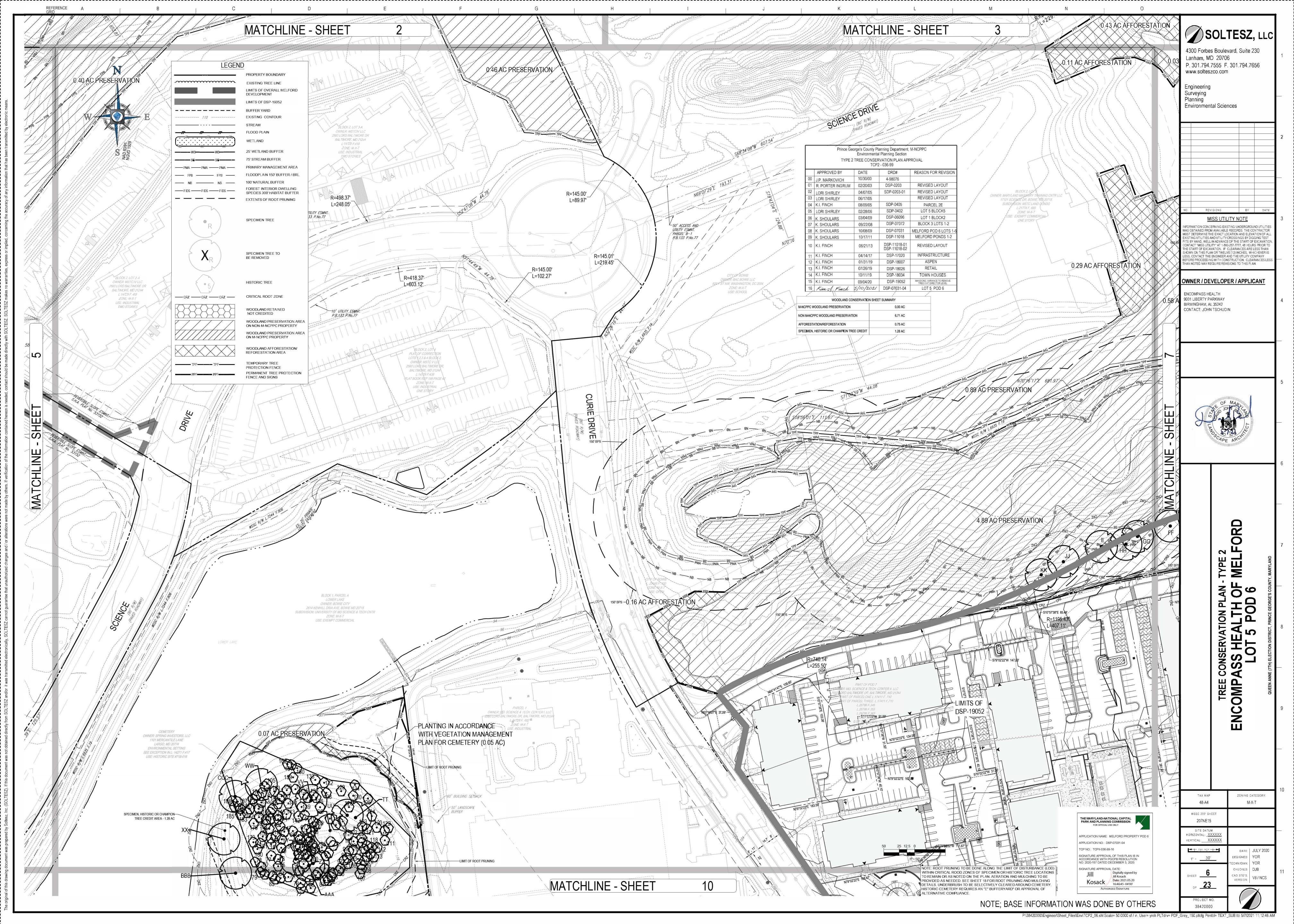


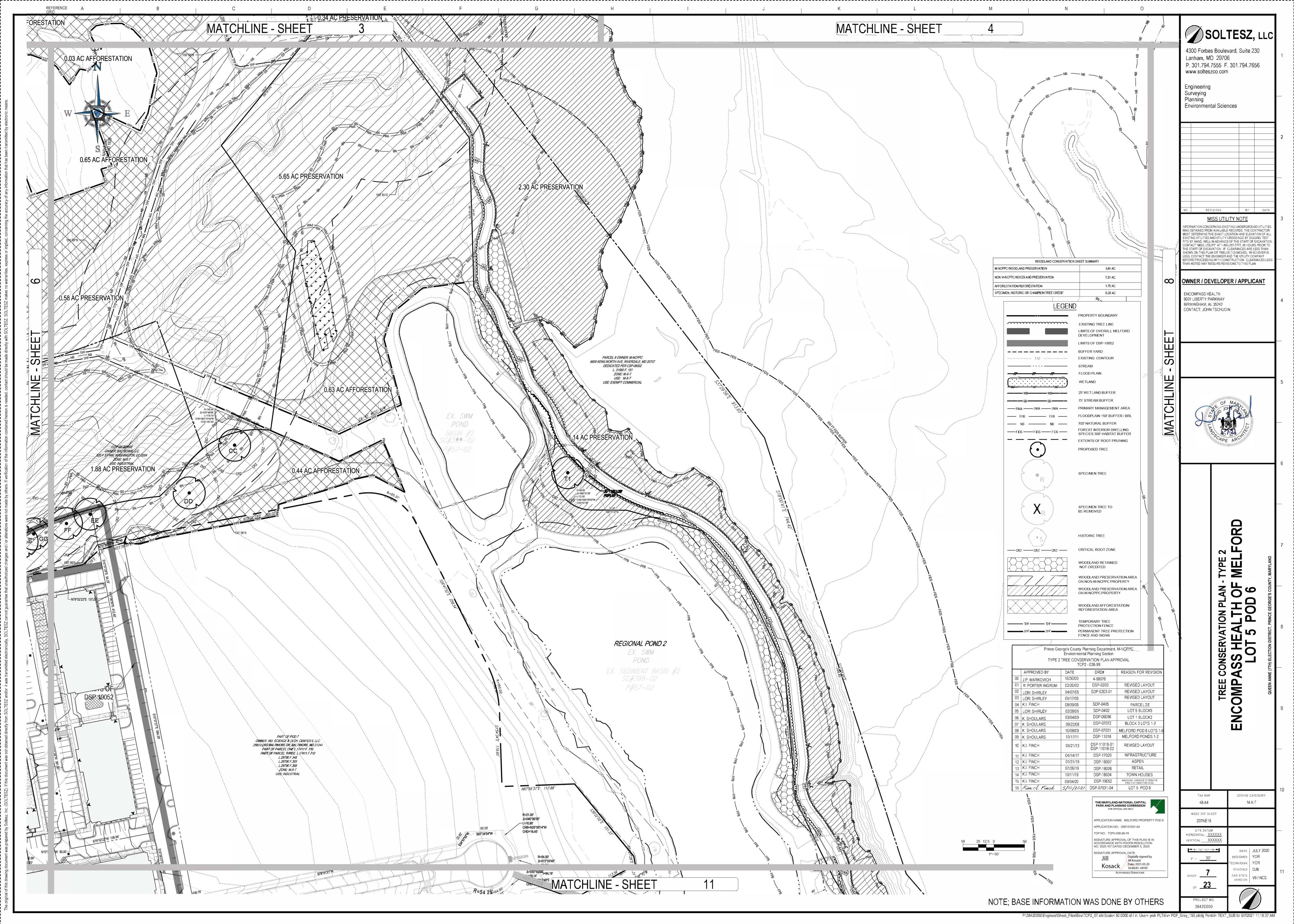


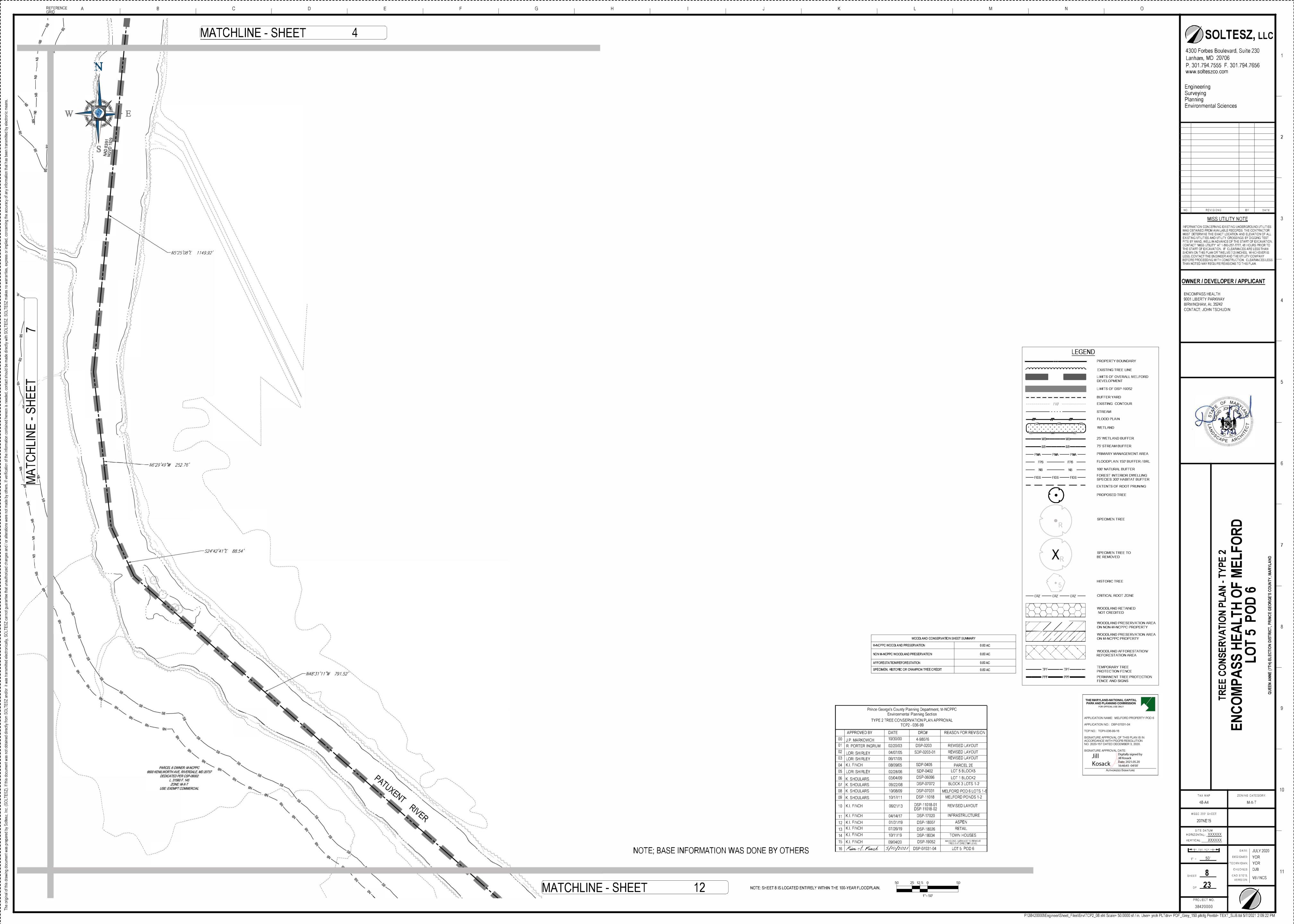


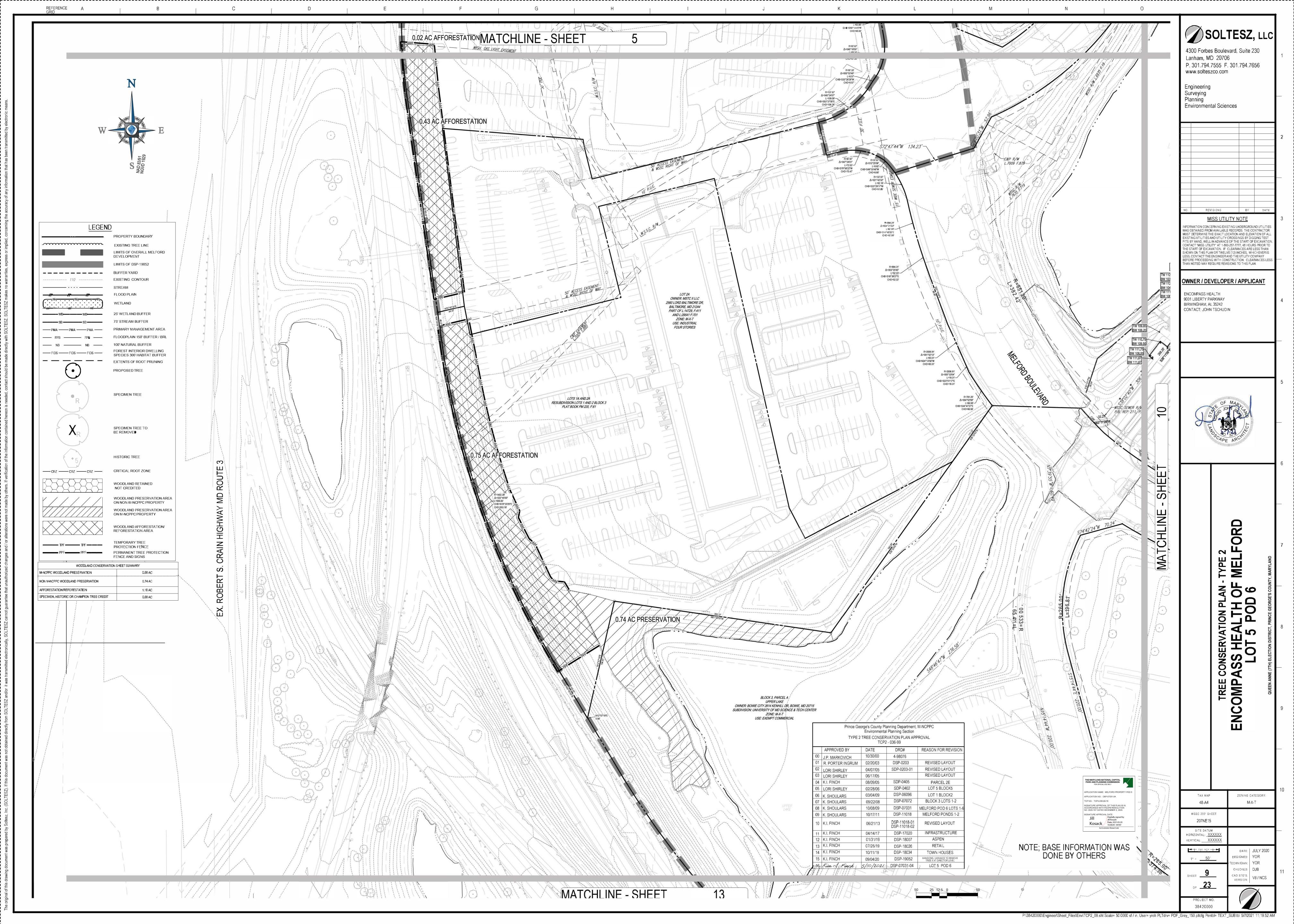


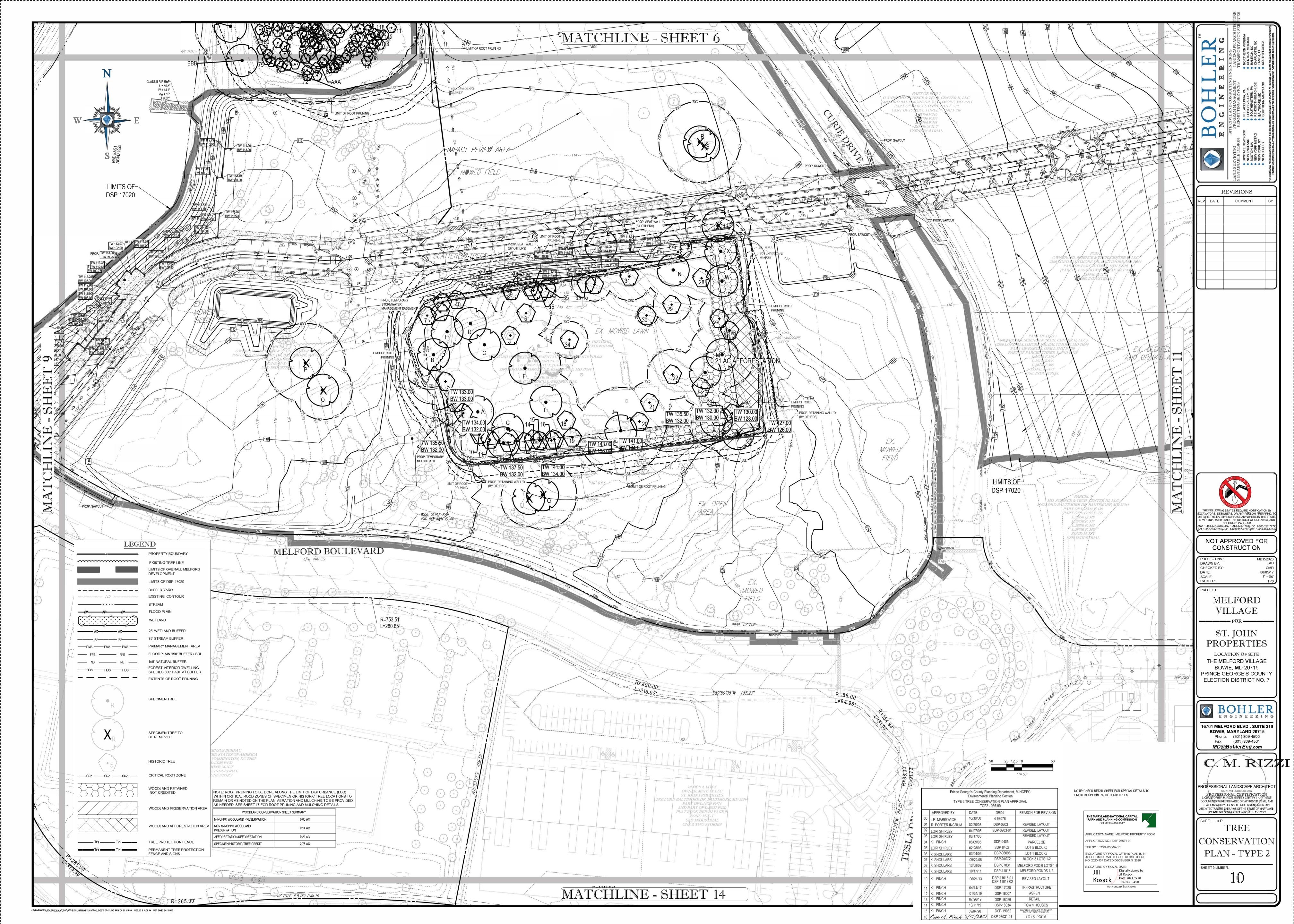


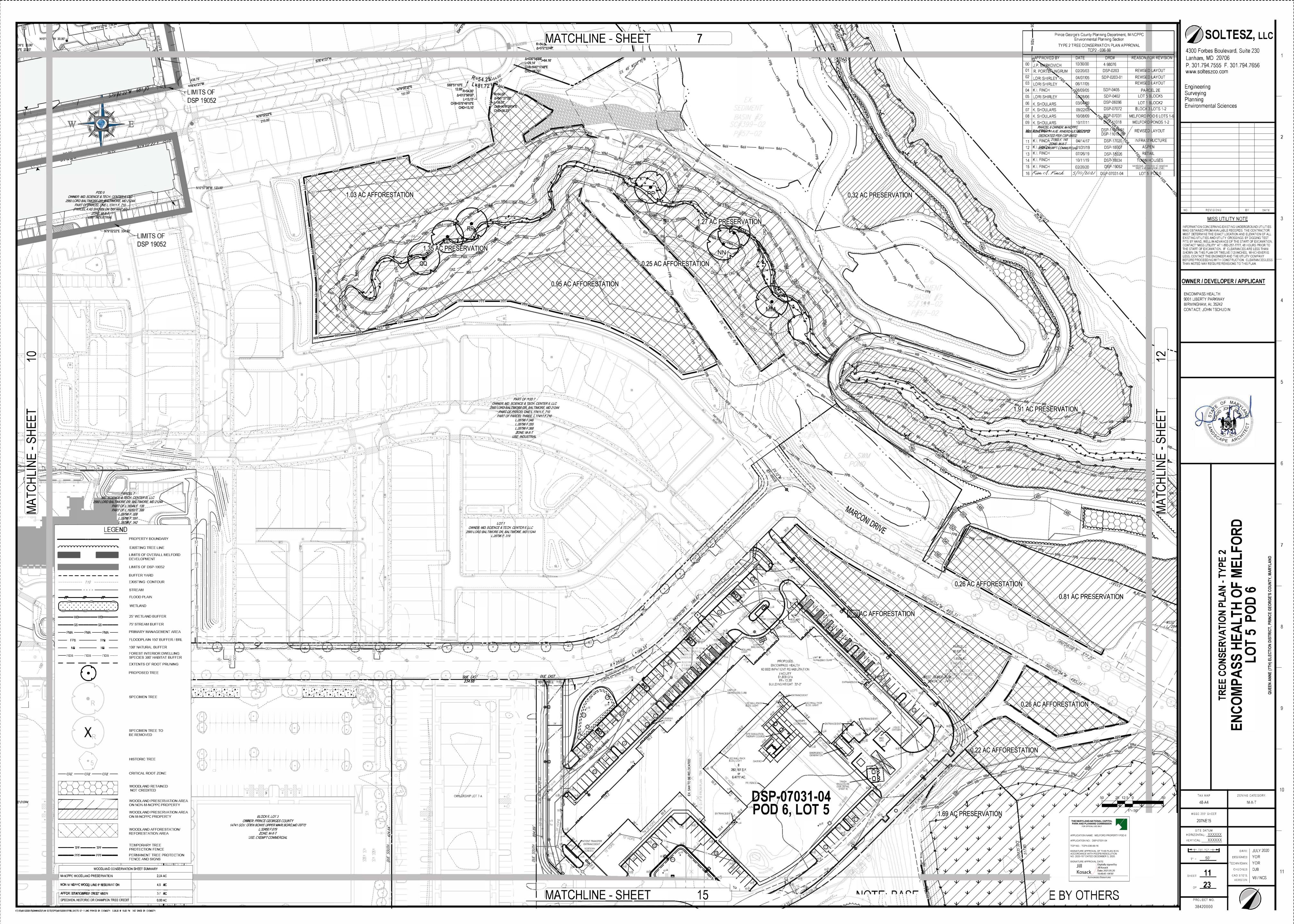


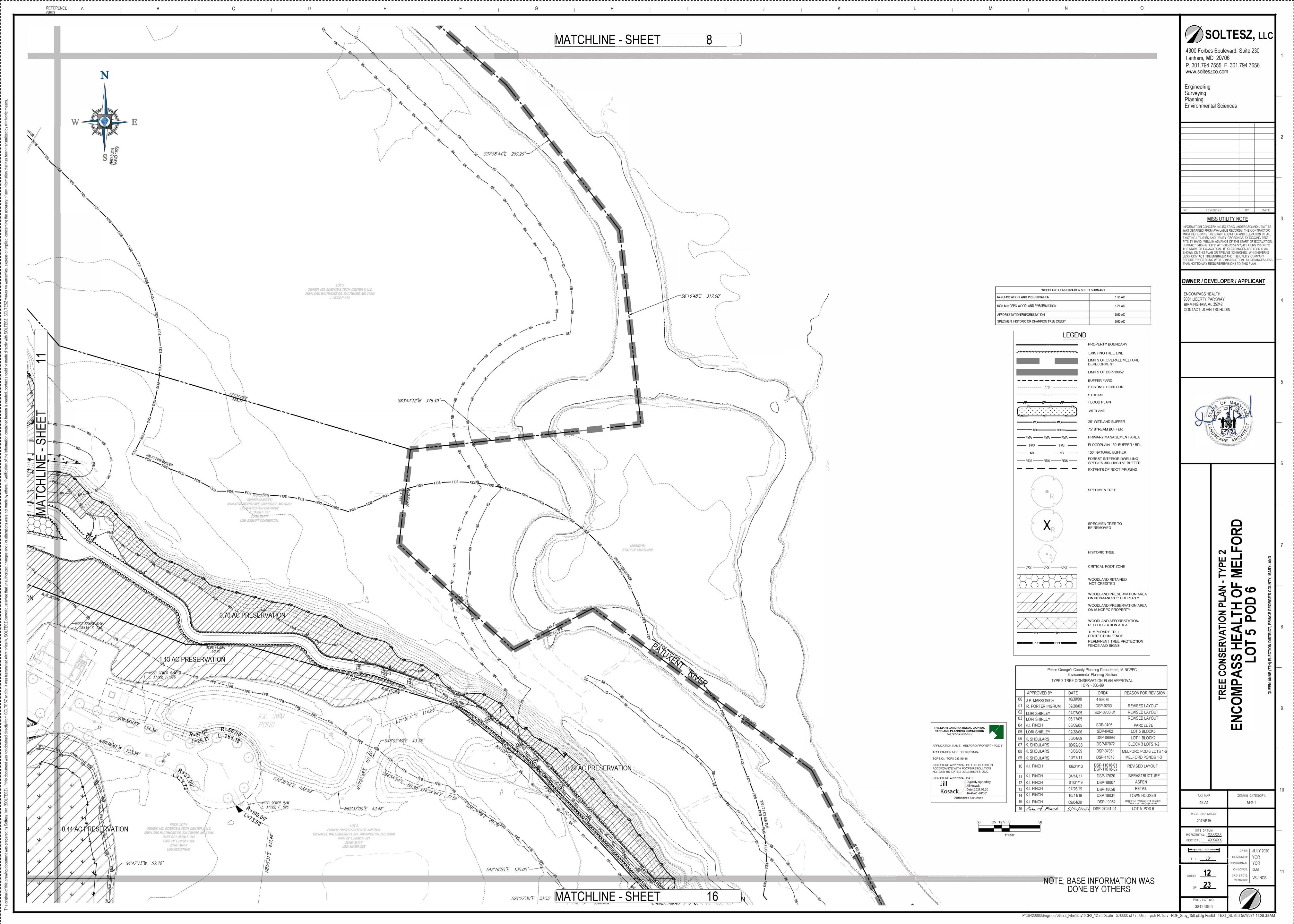


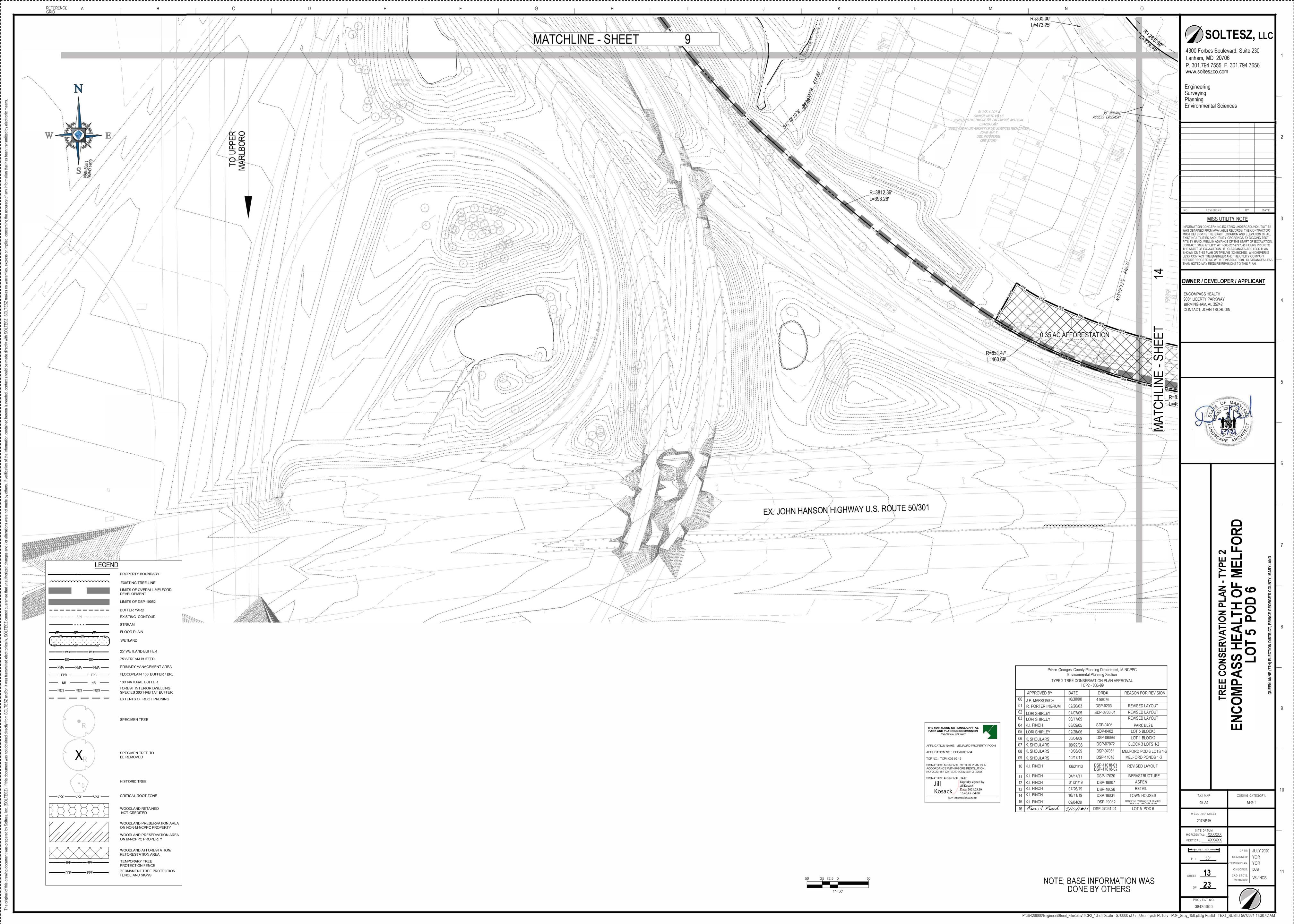


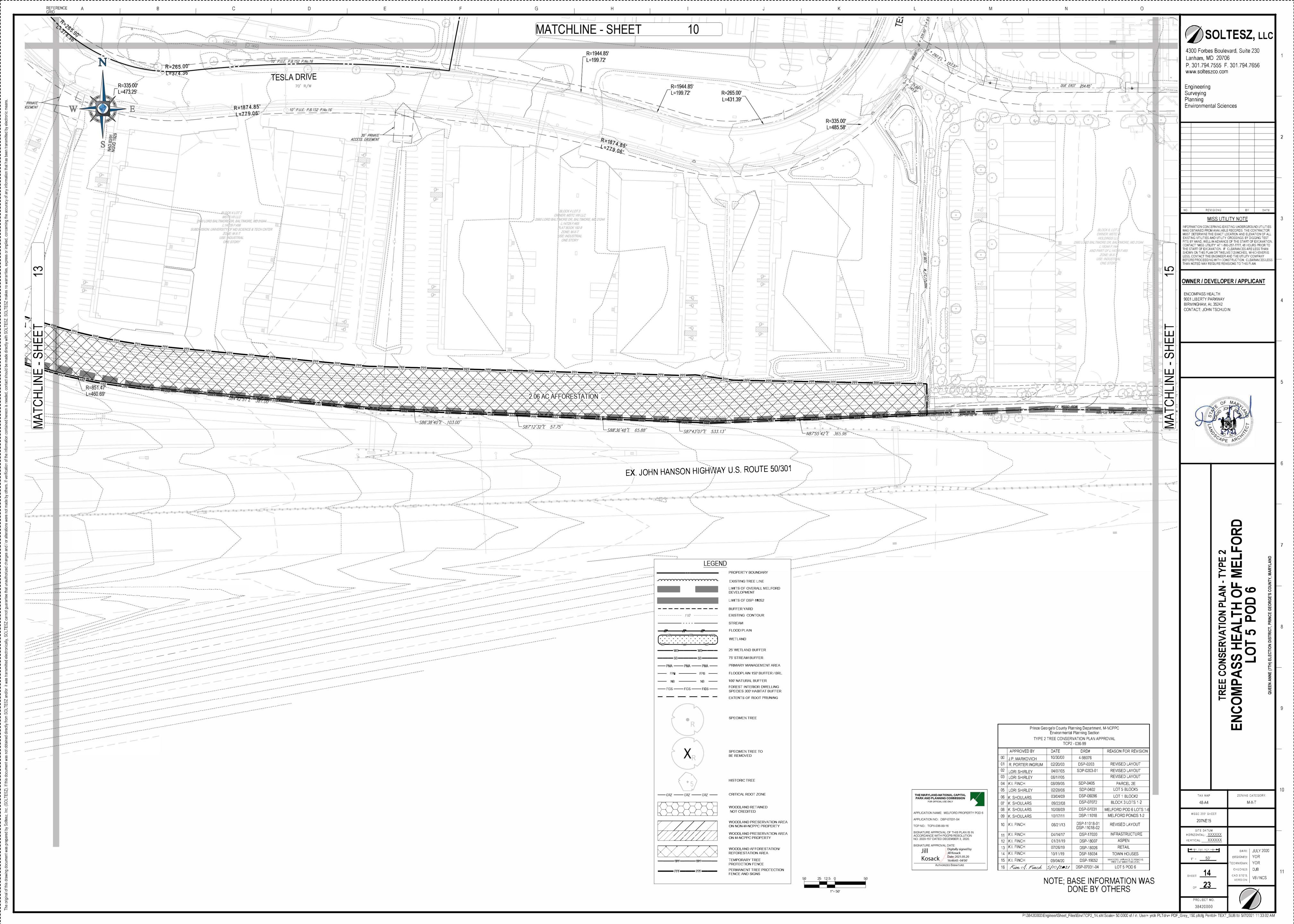


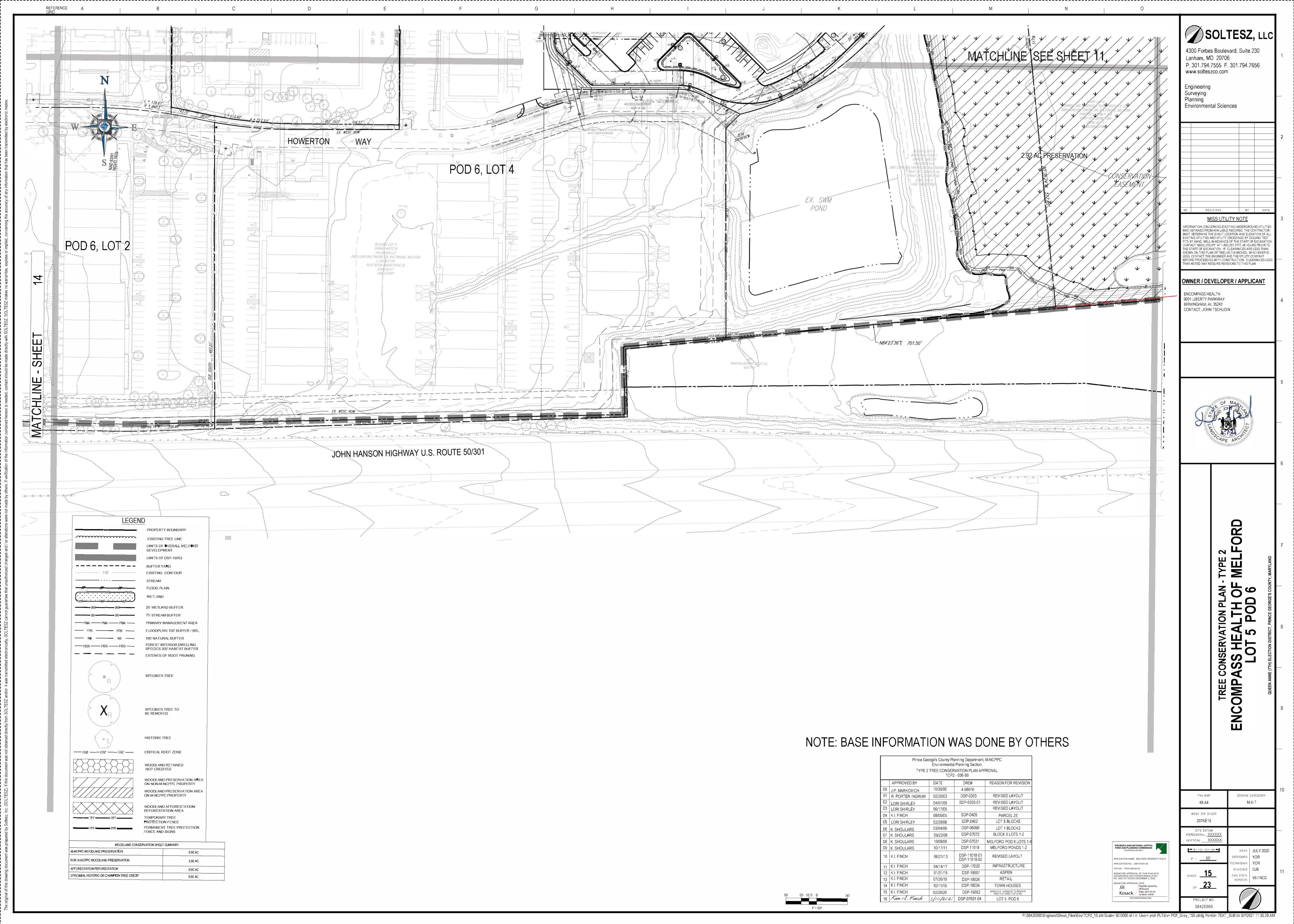


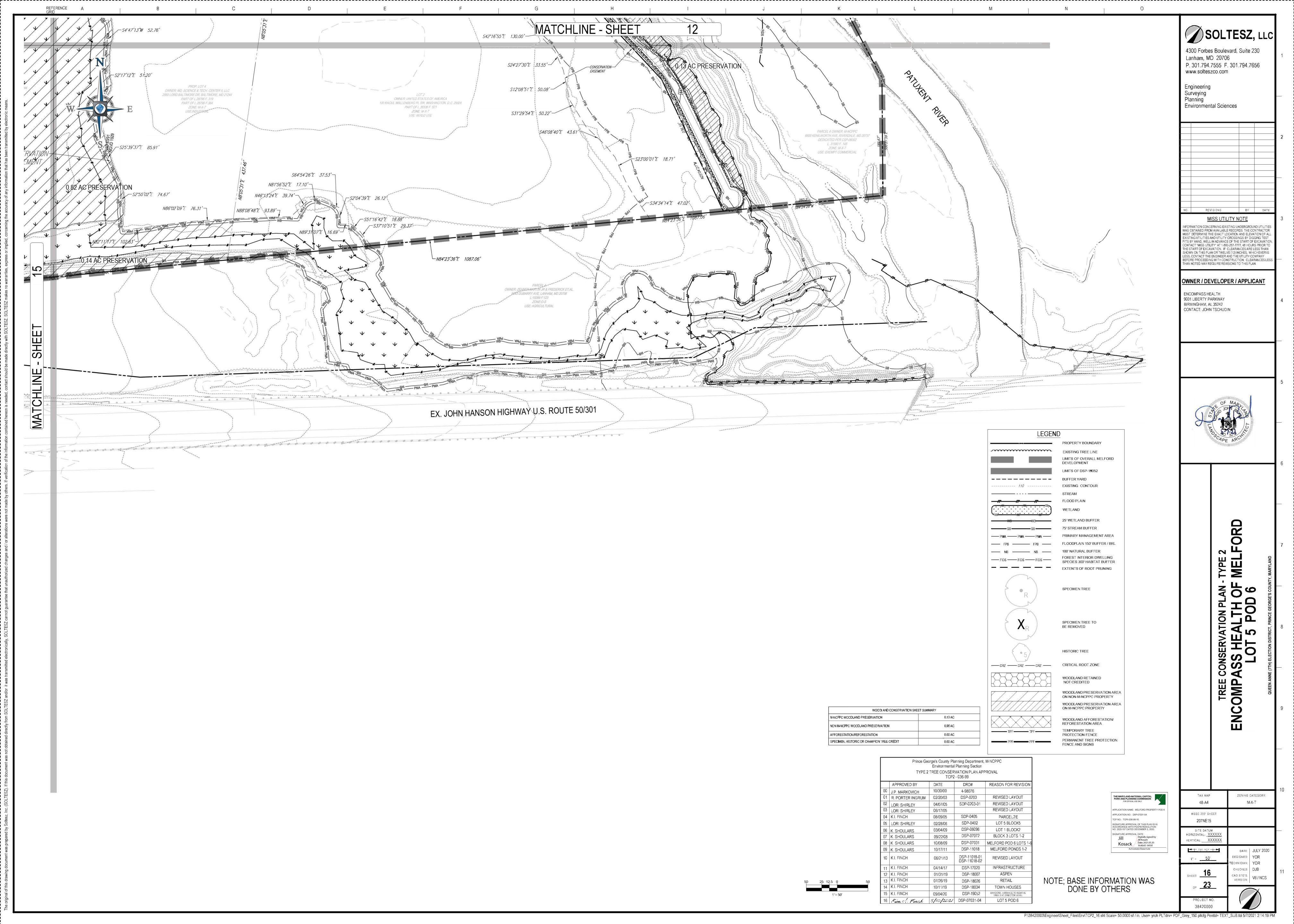


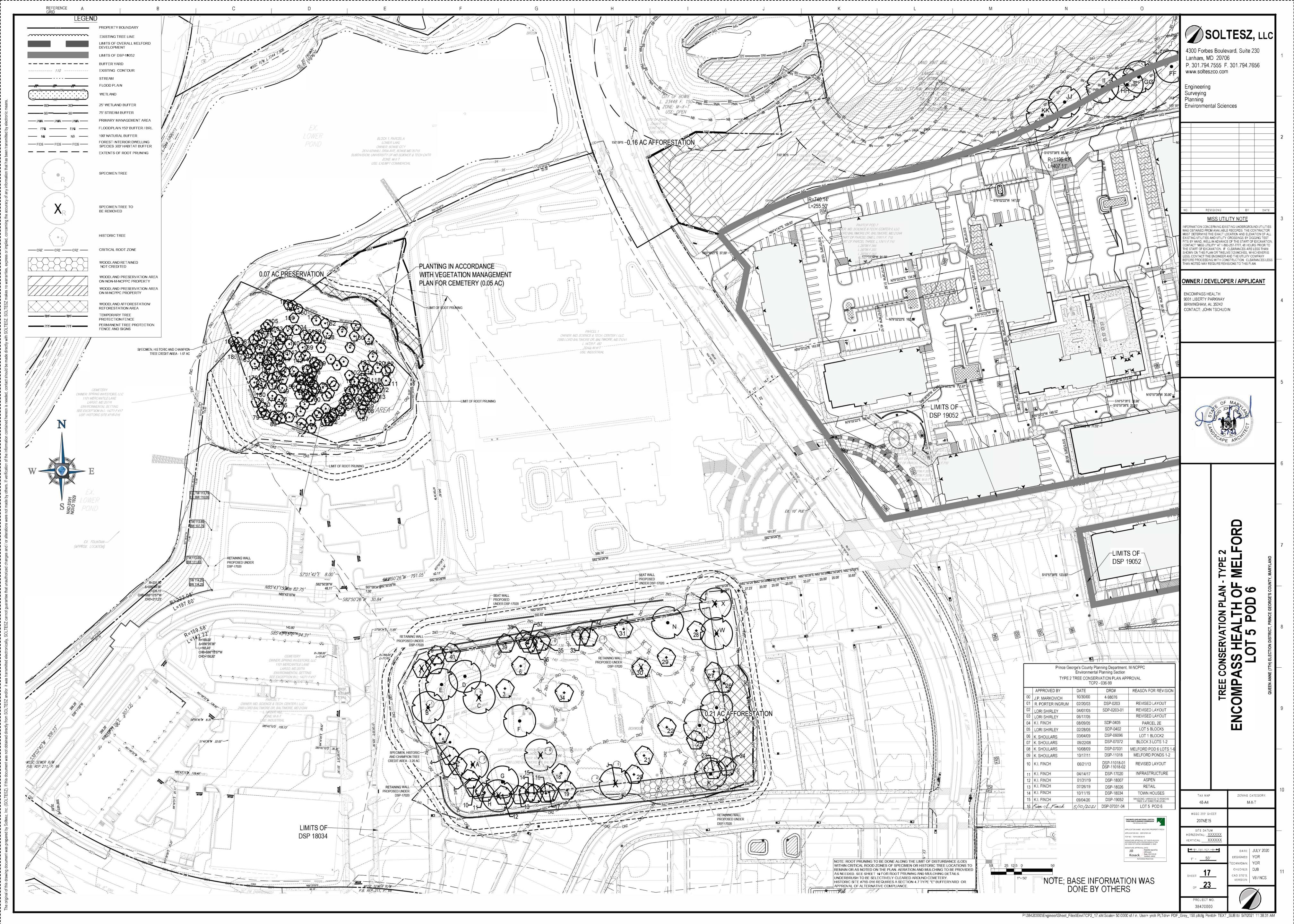












ADDITIONAL NOTES

To be provided when appropriate. Must be numbered in sequence starting with number 10. When preservation or retention of existing woodlands is proposed:

Tree Preservation and Retention Notes

- 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.
- Tree and woodland conservation methods such as root pruning shall be conducted as
- The location of all temporary tree protection fencing (TPFs) shown on this plan shall be flagged or staked in the field prior to the pre-construction meeting. Upon approval of the locations by the county inspector, installation of the TPFs may begin.
- All temporary tree protection fencing required by this plan shall be installed prior to commencement of clearing and grading of the site and shall remain in place until the bond is released for the project. Failure to install and maintain temporary or permanent tree protective devices is a violation of this TCP2.
- Woodland preservation areas shall be posted with signage as shown on the plans at the same time as the temporary TPF installation. These signs must remain in perpetuity.

Removal of Hazardous Trees or Limbs by Developers or Builders

- 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.
- A tree is considered hazardous if a condition is present which leads a Certified Arborist or Licensed Tree Expert to believe that the tree or a portion of the tree has a potential to fall and strike a structure, parking area, or other high use area and result in personal injury or property damage.
- 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.
- 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 photos shall be submitted to the inspector for documentation of the damage.
- Debris from the tree removal or pruning that occurs within 35 feet of the woodland edge may be removed and properly disposed of by recycling, chipping or other acceptable methods. All debris that is more than 35 feet from the woodland edge shall be cut up to allow contact with the ground, thus encouraging decomposition. The smaller materials shall be placed into brush piles that will serve as wildlife habitat.
- Tree work to be completed within a road right-of-way requires a permit from the Maryland Department of Natural Resources unless the tree removal is shown within the approved limits of disturbance on a TCP2. The work is required to be conducted by a Licensed Tree Expert.
- If development is proposed to be completed in phases: Work on this project will be initiated in several phases. All temporary TPFs required for a given
- phase shall be installed prior to any disturbance within that phase of work.
- If existing trees are proposed for use as protection for preservation areas:
- Tree protection fencing (TPFs) is not required for all or portions of this plan because an undisturbed 100-foot buffer of open land /or a 50-foot forested buffer is being maintained between the limit of disturbance (LOD) and the woodland preservation areas. If the LOD changes and the change impacts these buffers, the county inspector shall be contacted to evaluate the change to determine if a revision to the tree conservation plan is necessary or if installation of TPFs will be required.

If debris piles are noted on the FSD and located in preservation areas:

Debris piles shown in woodland preservation areas shall be removed by hand without the use of mechanical equipment within the preservation area. Chains may be used to pull debris out of the preservation areas. Caution must be used not to damage remaining vegetation.

When afforestation/reforestation is proposed:

Afforestation and Reforestation Notes

and phone number.

- 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.
- 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 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 Grading Inspector and the
- 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 clearing and grading of the site. Failure to install and maintain temporary or permanent tree protective fencing is a violation of this TCP2.
 - 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.
- The county inspector shall be notified prior to soil preparation or initiation of any tree
- 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;

- Results of annual survival checks for each of the required four years after tree planting shall be reported to the M-NCPPC, Planning Department.
- 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

Planting Specification Notes

Type: (See Plant Schedule)

1. Quantity: (See Plant Schedule)

Plant Quality Standards: The plants selected shall be healthy and sturdy representatives of their species. Seedlings shall have a minimum top growth of 18". The diameter of the root collar (the part of the root just below ground level) shall be at least 3/8". The roots shall be well developed and at least 8" long, No more than twenty -five percent (25%) of the root

system (both primary and auxiliary/fibrous roots shall be present.

- Plants that do not have an abundance of well developed terminal buds on the leaders and branches shall be rejected.
- Plants shall be shipped by the nursery immediately after lifting from the field or removal from the green house, and planted immediately upon receipt by the landscape contractor.
- If the plants cannot be planted immediately after delivery to the reforestation site, they shall be stored in the shade with their root masses protected from direct exposure to sun and wind by the use of straw, peat moss, compost, or other suitable material and shall be maintained through periodic watering, until the time of planting.
- 4. Plant Handling: the quantity of seedlings taken to the field shall not exceed the quantity that can be planted in a day. Seedlings, once removed from the nursery or temporary storage area shall be planted immediately.
- 5. Timing of Planting: The best time to plant seedlings is while they are dormant, prior to spring budding. The most suitable months for planting are March and April, when the soil is moist, but may be planted from March through November. No planting shall be done while 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.
- 6. 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 should not be twisted, balled up or bent. Moist soil should then be packed firmly around the roots. Seedlings should be planted at a depth where their roots lie just below the ground surface. Air pockets should not be left after closing the hole which would allow the roots to dry out. See planting details for further explanation. If the
- contractor wishes to plant by another method, the preparer of this tree conservation plan must be contacted and give his approval before planting may begin.
- the Planting Layout detail for a description of the general planting theory. 8. Soil: Upon the completion of all grading operations, a soil test shall be conducted to determine what soil preparation and soil amendments, if any, are necessary to create good tree growing conditions. Soil samples shall be taken at a rate that provides one soil sample for each area that appears to have a different soil type (if the entire area appears uniform,

then only one sample is necessary), and submitted for testing to a private company. The

company of choice shall make recommendations for improving the existing soil. The soil

7. Spacing: See Plant Schedule and/or Planting Plan for spacing requirements. Also refer to

- 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.

will be tested and recommended for corrections of soil texture, pH, magnesium,

- 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)
- Groundcover Establishment: the remaining disturbed area between seedling planting sites shall be seeded and stabilized with white clover seed at the rate of 5 lbs/acre.
- 14. Mowing: No mowing shall be allowed in any planting area.
- 15. Survival Check for Bond Release: The seedling planting is to be checked at the end of each year for four years to assure that no less than 75% of the original planted quantity survives. If the minimum number has not been provided the area must be supplemented with additional seedlings to reach the required number at time of planting.
- 16. Source of Seedlings: state name, address, and phone number of nursery or supplier.
- A Four-Year Management Plan for Re/Afforestation shall be added to the plan as Iollows:

Four-Year Management Plan for Re/Afforestion Areas Field check the re-afforestation area according to the following schedule:

- 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
- 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.)

MAXIMUM & FEET

SMOOTH WIRE FENCE

The state of the s

ANCHOR POSTS SHOULD BE INSTALLED TO A DEPTH OF AT LEAST 2'.

TREE PROTECTIVE DEVICE LOCATIONS WILL CORRESPOND TO THE LOCATIONS SHOWN ON THIS TREE CONSERVATION PLAN.

5. SMOOTH WIRE SHOULD BE EVENLY SPACED ALONG THE HEIGHT OF THE POSTS, AND FASTENED SECURELY TO THE POSTS. MINIMUM ACCEPTABLE WIRE IS "LIGHT GUAGE, CLASS 1", GALVANIZED.

TREE CONSERVATION AREA SIGNS WILL BE SECURELY ATTACHED TO AT LEAST EVERY FIFTH POST AND SHALL REMAIN IN PLACE IN PERPETUITY.

5. SEDIMENT AND EROSION CONTROL MEASURES WILL COMPLY WITH THE SEDIMENT CONTROL PLAN AS APPROVED BY THE PRINCE GEORGE'S COUNTY SOIL CONSERVATION DISTRICT, AND MAY INCLUDE COMBINATIONS OF SEDIMENT CONTROL FENCING WITH TIRE CONSERVATION AREA PROTECTIVE DEVICE FENCING, IF SO NOTED ON THIS PLAN.

TREE PROTECTIVE DEVICES WILL BE ERECTED IMMEDIATELY AFTER TREE AND SHRUB PLANTING IS COMPLETED, AND REMOVED AFTER THE FINAL (5 YEAR) SURVIVAL CHECK. THE CONTRACTOR WILL ADVISE THE OWNER IN WRITING WHEN THIS WORK IS COMPLETED.

SMOOTH WIRE FENCE

6 TREE PROTECTION DEVICE - TYPE 2

2. FENCE POSTS WILL BE A MINIMUM OF 1 3/4 " X 1" STEEL U-CHANNEL OR 2" X 2" LUMBER, SPACED NO MORE THAN 8 FEET APART. POSTS WILL BE INSTALLED AT LEAST 2 FEET DEEP.

- 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.

TREE CONSERVATION SIGN

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.

When off-site woodland conservation is proposed:

Prior to the issuance of the first permit for the development shown on this TCP2, all off site woodland conservation required by this plan shall be identified on an approved TCP2 plan and recorded as an offsite easement in the land records of Prince George's County. Proof of recordation of the off-site conservation shall be provided to the M-NCPPC, Planning Department prior to issuance of any permit for the associated plan.

Add the applicable invasive plan removal notes if afforestation is used on an off-site woodland

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

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

When invasive plant species are to be removed by the permittee: (use the applicable notes based on the invasive plant removal plan)

- a. Invasive plant removal shall be completed prior to _____ (insert timing mechanism) and conform to the recommendations of the invasive plant removal plan shown on the plan prepared by _____ (insert the qualified professional's name who prepared the invasive plant removal recommendations) dated _____
- b. The removal of noxious, invasive, and non-natives plant species shall be done with the use of hand-held equipment only such as pruners or a chain saw. These plants may be cut near the ground and the material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.
- The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to 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 and be applied by a certified pesticide applicator.

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

- a. The subject property contains Virginia pines (Pinus virginiana) that are subject to wind throw. All Virginia pines greater than 6 inches in diameter within 40 feet of the final proposed limit of disturbance or the boundary of the property shall be cut down by hand during the clearing of
- After the Virginia pines have been removed, the contractor responsible for implementation of this TCP2 shall submit an evaluation of the stocking levels for the residual stand, management techniques to be applied to the residual stand, and supplemental planting requirements to the M-NCPPC Planning Department. This evaluation shall be submitted prior to the issuance of the first building permit to ensure that all high risk trees have been removed. A planting schedule and/or details for the management of natural regeneration to fully restock the site must be shown on the plan.

4"x4" PRESSURE TREATED POST

THREAD NAILS

TREE PROTECTION FENCE

FENCE WITHIN I' OF TRENCH LINE

TRENCH WITHIN I' OF LIMIT OF

LIMIT OF DISTURBANCE

DISTURBANCE LINE

HTOW MUMIXAM "8-

2º MINIMUM DEPTH

PRESERVATION AREA

DD NOT DISTURB

PROHIBITED

TREES FOR YOUR FUTURE

SIGNS SHOULD BE PROPERLY MAINTAINED

PERSONNEL FROM ALL DIRECTIONS.

AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.

SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION

LOCATE SIGNS APPROXIMATELY EVERY 50 FEET ALONG FENCING

STAKE OUT OF LO.D., AND REMAIN IN PLACE IN PERPETUITY.

ROOT PRUNING TRENCH

Exact location of trench should be identified.

Root Pruning

Retention Areas to be established as part of the forest conservation plan review process.

Boundaries of Retention Areas to be staked, flagged and/or fenced prior to trendning.

French should be immediately backfilled with soil removed or organic soil.

Scurce: Adapted from Steve Clark & Associates/ACRT, Inc. and Forest Conservation Manual, 1991

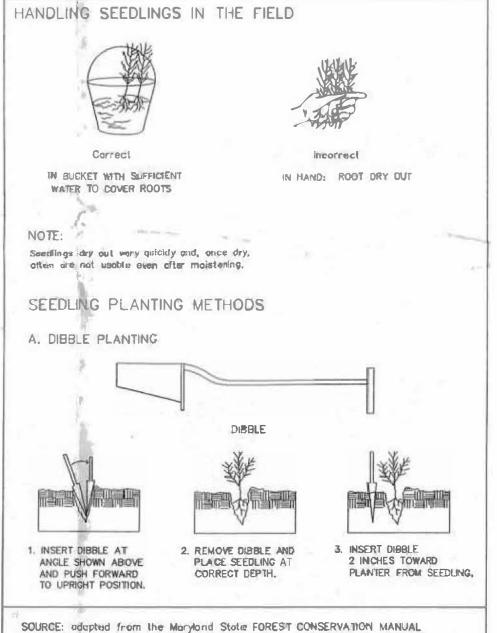
5. Roots should be cleanly cut using vibratory knife or other acceptable equipment.

SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING

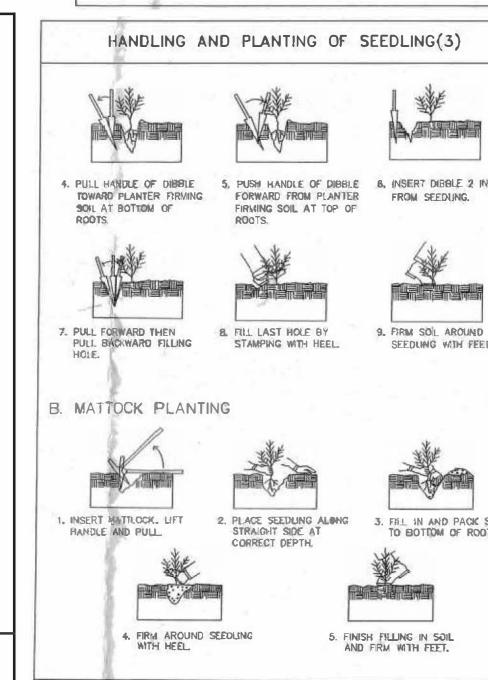
. SIGNS SHOULD BE INSTALLED AT SAME 11ME AS TREE PROTECTION DEVICE.

WOODLAND PRESERVATION AREA SIGN

MIN. DEPTH 18"

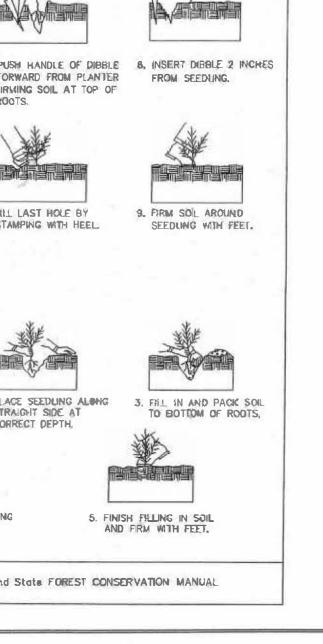


HANDLING AND PLANTING OF SEEDLING(2)



SEEDLING WITH FEET 3. FILL IN AND PACK SE TO BOTTOM OF ROOTS SOURCE adopted from the Maryland State FOREST CONSERVATION MANUAL

A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN B. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, B. A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED **6. SOIL MODIFICATIONS**

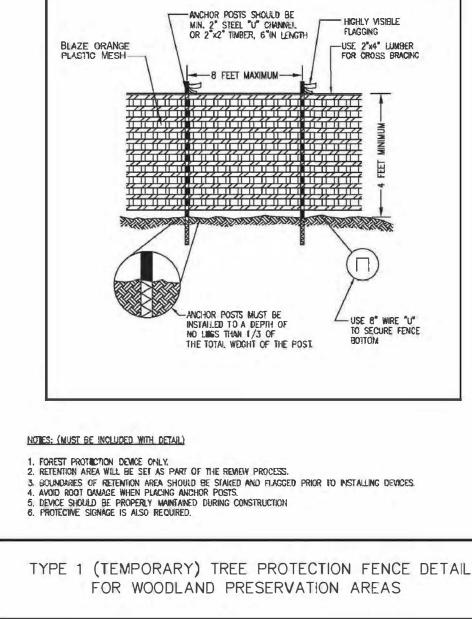


Vertical Mulching or Fertilizing TRUNK---000000000 000000 ----2'-3' APART 0000 1. Auger holes 6'-10' deep, 2'-3' apart, 1"-3' wide. 2. Leave scil on ground. 3. Apply leitilizer 1/3 distance in from dripline to trunk. 4. Fertilize with 50/50 compost and pine fines. DRIPLINE TO TRUNK EQUAL TO 2/3 FROM TRUNK 10 DRIPLINE

Figure

Application of Fertilizer by injection 3. Apply fertilizer 1/3 distance in from driptine to trunk end extend 2/3 out from driptine.

Application of Fertilizers / Root Pruning and Aeration



PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.

1.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED.

TRANSPORTATION'S SPECIFICATIONS.

SOIL EROSION AND SEDIMENT CONTROL NOTES.

OTHERWISE STATED ON THE LANDSCAPE PLAN.

BARK OR BREAK BRANCHES.

PROTECTION ZONE.

A. GENERAL -ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF

BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.

1.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS.

1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.

LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.

SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.

1.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL.

INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.

DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.

B. TOPSOIL- NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4,5-7.0. IT SHALL

C. LAWN -ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6°) THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL

D. MULCH-THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED BLACK CEDAR MULCH ONLY.

1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT,

ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY

1.2. FOR THE PURPOSE OF BIDDING. ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN. 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT.

1.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1),

1.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE, TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH

1.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 11/4", WHICH HAVE NOT BEEN

1.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED

16 CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE

7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH.

A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR

CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE

MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE

LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE

CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUTTO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY

A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE

GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY

D. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE

LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT

THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF

REE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5.

MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.

MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON

AMENOMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY.

1.2. TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30%

.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR ORY, SHREDDED CLAY LOAM UP TO 30% OF

C. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS

A. CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN

B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT

C. CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANAL'YSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL

D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND

(ILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE FOOTAREA

PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE

CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE

ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED

DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANOSCAPE

BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO

USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE

1.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-12".

ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE

INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.

ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER.

LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK.

LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.

EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.

ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE SITE.

BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.

E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDOY OR FROZEN CONDITIONS.

REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.

1.1. 20 POUNDS 'GROW POWER' OR APPROVED EQUA

1.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP

STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.

SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1"±).

BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE.

NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6")ABOVE THE

GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.

COMPLETELY CALLUSED, SHALL BE REJECTED.PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE

ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS

A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.

1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL.

ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE

LANDSCAPE SPECIFICATIONS

1.1. PLANTS:MARCH 15TO DECEMBER 15

1.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TODECEMBER 1

LIRIODENDRON TULIPIFERA ZELKOVA VARIETIES

THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE. LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.

B. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR

- C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.
- D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING. E. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- F. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE. AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:
- G. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.
- H. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANTDEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON: PLATANUS X ACERIFOLIA ACER RUBRUM BETULA VARIETIES POPULOUS VARIETIES
- CARPINUS VARIETIES PRUNUS VARIETIES CRATAEGUS VARIETIES PYRUS VARIETIES KOELREUTERIA QUERCUS VARIETIES LIQUIDAMBER STYRACIFLUA TILIA TOMENTOSA
- PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY: 1 PART PEAT MOSS
- 1 PART COMPOSTED COW MANURE BY VOLUME 3 PARTS TOPSOIL BY VOLUME • 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS: A) 2 TABLETS PER 1 GALLON PLANT
- B) 3TABLETS PER 5 GALLON PLANT C) 4 TABLETS PER 15 GALLON PLANT
- D) LARGER PLANTS: 2 TABLETS PER1/2" CALIPER OF TRUNK J. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY.
- K. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL.
- A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND . ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING B. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH M. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.
 - N. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND O. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH
 - IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB. P. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS

TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT. ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF B. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND

- PROTECTED FROM EXTREME HEAT, SUN AND WIND. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION. C. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 ANO JUNE 30.
 - D. UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE. E. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
 - F. IF TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY 3E REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
 - A. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED
 - TO EACHTREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED.
 - B. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES. C. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE
 - OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS.
 - THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
- B. ANY DEAD OR DYING PLANTMATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOO. REPLACEMENT OF PLANT UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT B. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE
 - . TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE. PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING ANO THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
- D. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS. D. ALL PLANTING AREAS SHALL BE GRAOED AND MAINTAINEO TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS.
 - A. UPON THE COMPLETION OF ALL LANOSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.
 - B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED



Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2 - 036-99 REASON FOR REVISION APPROVED BY DATE DRD# 10/30/00 4-98076 J.P. MARKOVICH R. PORTER INGRUM 02/20/03 DSP-0203 REVISED LAYOUT REVISED LAYOUT SDP-0203-0 04/07/05 REVISED LAYOUT 06/17/05 | LORI SHIRLEY SDP-0405 4 K.I. FINCH 08/09/05 PARCEL2E LOT 5 BLOCK5 02/28/06 5 LORI SHIRLEY DSP-06096 03/04/09 LOT 1 BLOCK2 06 K. SHOULARS BLOCK 3 LOTS 1-2 DSP-07072 09/22/08 7 K. SHOULARS DSP-07031 08 K. SHOULARS 10/08/09 MELFORD POD 6 LOTS 10/17/11 DSP-11018 MELFORD PONDS 1-2 09 K.SHOULARS 0 K.I. FINCH REVISED LAYOUT 06/21/13 DSP-11018-02 INFRASTRUCTURE DSP-17020 ASPEN 2 K.I. FINCH 01/31/19 DSP-18007 3 K.I. FINCH RETAIL 07/26/19 DSP-18026 4 K.I. FINCH 10/11/19 DSP-18034 TOWN HOUSES 5 K.I. FINCH DSP-19052 MANSIONS, VARIANCE TO REMOVE TREE X AT DIRECTOR LEVEL 09/04/20 5/10/2021 DSP-07031-04 Kim J. Finch LOT 5 POD 6

NOTE; BASE INFORMATION WAS DONE BY OTHERS

Environmental Sciences

4300 Forbes Boulevard, Suite 230

Pa 301.794.7555 F. 301.794.7656

Lanham, MD 20706

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Engineering

Surveying

Planning

MISS UTILITY NOTE DRMATION CONCERNING EXISTING UNDERGROUND UTILIT

S OBTAINED FROM AVAILABLE RECORDS. THE CONTRACT

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OWNER / DEVELOPER / APPLICANT ENCOMPASS HEALTH

0001 LIBERTY PARKWAY BIRMINGHAM, AL 35242 CONTACT: JOHN TSCHUDIN



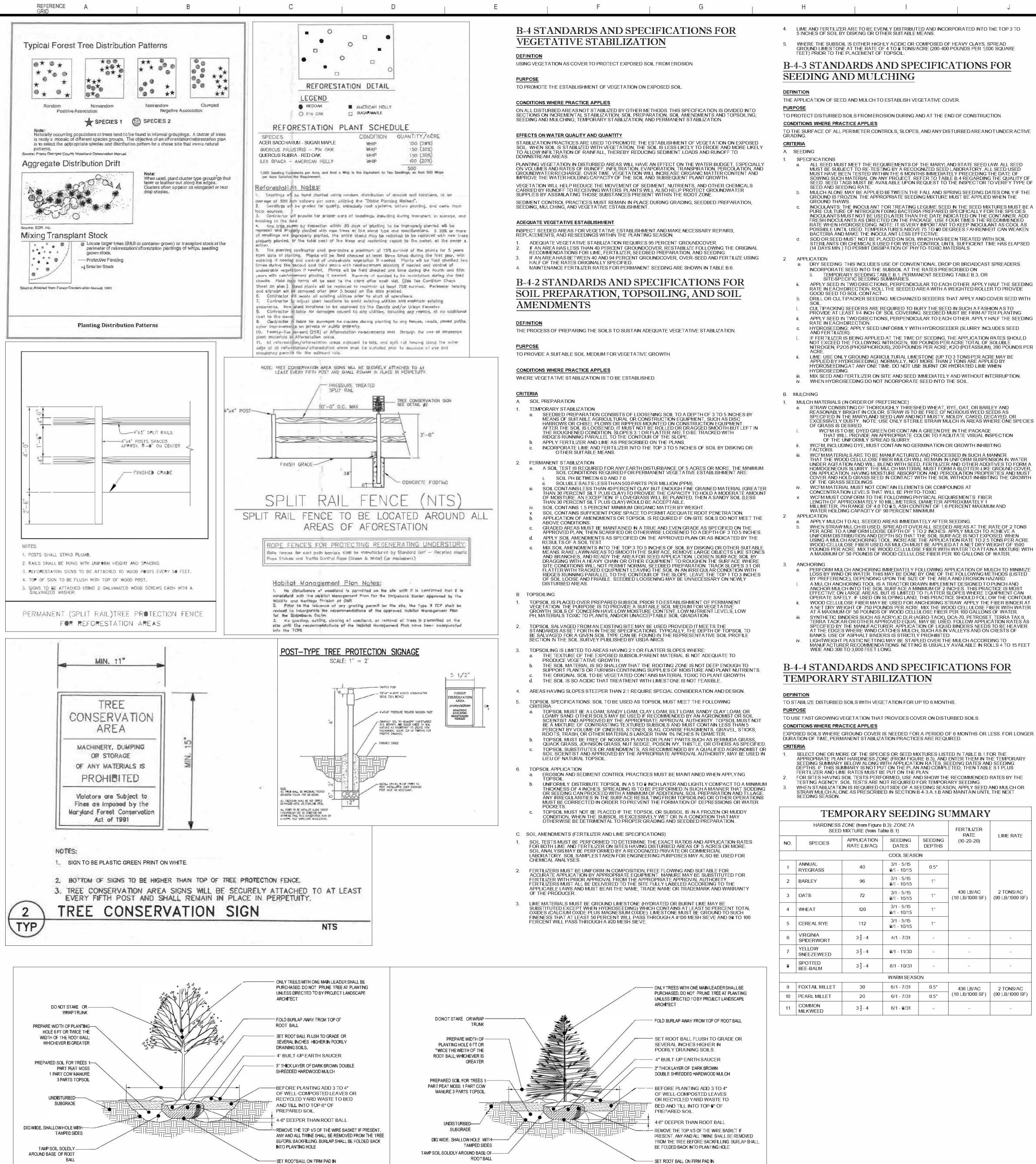
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BOTTOM OF HOLE

REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT.

NOT TO SCALE

DECIDUOUS TREE PLANTING DETAIL

REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT EVERGREEN TREE PLANTING DETAIL NOT TO SCALE

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION.

PURPOSE TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER ON

CONDITIONS WHERE PRACTICE APPLIES EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE.

A. SEED MIXTURES

HAT WILL PROVIDE AN APPROPRIATE COLOR TO FACILITATE VISUAL INSPECTION

FERTILIZER

(10-20-20)

436 LB/AC

(10 LB/1000 SF) (90 LB/1000 SF)

436 LB/AC 2 TONS/AC

(10 LB/1000 SF) (90 LB/1000 SF)

LIME RATE

SEED MIXTURE (from Table B.1)

 $3\frac{1}{2}-4$

 $3\frac{1}{2}$ - 4

NOTE: REFER TO VEGETATIVE

MANAGEMENT PLAN FOR AREA WITHIN

CEMETERY AND ASSOCIATED BUFFERYARD

APPLICATION SEEDING SEEDING

COOL SEASON

3/1 - 5/15

8/1 - 10/15

3/1 - 5/15

8/1 - 10/15

3/1 - 5/15

3/1 - 5/15

8/1 - 10/15

3/1 - 5/15

8/1 - 10/15

8/1 - 11/30

6/1 - 10/31

6/1 - 7/31

6/1 - 7/31

6/1 - 8/31

WARM SEASON

0.5"

0.5"

8/1 - 10/15

RATE (LB/AC) DATES DEPTHS

1. GENERAL USE

a. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3) AND BASED ON THE SITE CONDITION OR PURPOSE FOUND ON TABLE B.2. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PLAN. ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES, STREAM BANKS, OR DUNES OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR

AESTHETIC TREATMENT MAY BE FOUND IN USDA-NRCS TECHNICAL FIELD OFFICE GUIDE, ECTION 342 - CRITICAL AREAPI ANTING FOR SITES HAVING DISTURBED AREA OVER 5 ACRES. USE AND SHOW THE RATES RECOMMENDED BY THE SOIL TESTING AGENCY. FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FORM FERTILIZER (46-0-0) AT 3 1/2

OUNDS PER 1000 SQUARE FEET (150 POUNDS PER ACRE) AT THE TIME OF SÈEDING IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY

TUREGRASS MIXTURES a. AREAS WHERE TURFGRASS MAY BE DESIRED INCLUDE LAWNS, PARKS. PLAYGROUNDS.AND COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED BELOW BASED ON THE SITE ONDITIONS OR PURPOSE. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY THE SUMMARY IS TO BE PLACED ON THE PLAN KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN AREAS THAT RECEIVE INTENSIVE MANAGEMENT. IRRIGATION REQUIRED IN THE AREAS OF CENTRAL MARYLAND AND EASTERN SHORE. RECOMMENDED CERTIFIED KENTUCKY

BLUEGRASS CULTIVARS SEEDING RATE: 1.
TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRAS ULTIVARS WITH FACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGH

MEDIUM TO INTENSIVE MANAGEMENT. CERTIFIED PERENNIAL RYEGRASS
CULTIVARS/CERTIFIED KENTUCKY BLUEGRASS SEEDING RATE: 2 POUNDS MIXTURE PER
1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY iii. TALL FESCUE/KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN DROUGH PRONE AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MANAGEMENT IN FULL SUN TO MEDIUM SHADE. RECOMMENDED MIXTURE INCLUDES; CERTIFIED TALL ESCUE CULTIVARS 95 TO 100 PERCENT, CERTIFIED KENTUCKY BLUEGRASS

KENTUCKY BLUEGRASS/PERENNIAL RYE: FULL SUN MIXTURE: FOR USE IN FULL SUN AREAS

WHERE RAPID ESTABLISHMENT IS NECESSARY AND WHEN TURF WILL RECEIVE

CULTIVARS 0 T O 5 PERCENT. SEEDING RATE: 5 TO 8 POUNDS PER 1000 SQUARE EET. ONE OR MORE CULTIVARS MAY BE BLENDED. iv. KENTUCKY BLUEGRASS/FINE FESCUE: SHADE MIXTURE: FOR USE IN AREAS WITH SHADE IN BLUEGRASS LAWNS. FOR ESTABLISHMENT IN HIGH QUALITY, INTENSIVELY MANAGED TUR AREA MIXTURE INCLUDES: CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 30 TO 40 PERCENI AND CERTIFIED FINE FESCUE AND 60 TO 70 PERCENT. SEEDING RATE: 11/2 TO 3 POUNDS PER 1000 SQUARE FEET.

SELECT TURFGRASS VARIETIES FROM THOSE LISTED IN THE MOST CURRENT UNIVERSITY OF MARYLAND PUBLICATION, AGRONOMY MEMO #77, "TURFGRASS CUI TIVAR RECOMMENDATIONS FOR MARYLAND CHOOSE CERTIFIED MATERIAL. CERTIFIED MATERIAL IS THE BEST GUARANTEE OF CULTIVAR PURITY. THE CERTIFICATION PROGRAM OF THE MARYLAND DEPARTMENT OF AGRICULTURE, TURF AND SEED SECTION, PROVIDES A RELIABLE MEANS OF CONSUMER PROTECTION AND ASSURES A PURE GENETIC LINE

c. IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURES WESTERN MD: MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 1 (HARDINESS ZONES: 5B, CENTRAL MD: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONE: 6B)

SOUTHERN MD, EASTERN SHORE: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONES: 7A, 7B) TILL AREAS TO RECEIVE SEED BY DISKING OR OTHER APPROVED METHODS TO A DEPTH OF 2

TO 4 INCHES, LEVEL AND RAKE THE AREAS TO PREPARE A PROPER SEEDBED. REMOVE STONES AND DEBRIS OVER 11/2 INCHES IN DIAMETER. THE RESULTING SEEDBED MUST BE IN SUCH ONDITION THAT FUTURE MOWING OF GRASSES WILL POSE NO DIFFICULTY IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT GROWTH (½ TO 1 INCH EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL THEY ARE FIRMLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE LATE IN THE PLANTING SEASON, IN ABNORMALLY DRY OR HOT SEASONS, OR ON ADVERSE SITES.

B. SOD: TO PROVIDE QUICK COVER ON DISTURBED AREAS (2:1 GRADE OR FLATTER).

GENERAL SPECIFICATIONS CLASS OF TURFGRASS SOD MUST BE MARYLAND STATE CERTIFIED. SOD LABELS MUST BE MADE AVAILABLE TO THE JOB FOREMAN AND INSPECTOR SOD MUST BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 INCH. PLUS OR MINUS 1/2 INCH, AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS MUST EXCLUDE TOP GROWTH AND THATCH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE ACCEPTABLE. STANDARD SIZE SECTIONS OF SOD MUST BE STRONG FNOLIGH TO SUPPORT THEIR OWN

VEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON THE UPPER 10 PERCENT OF THE SECTION. SOD MUST NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL. e. SOD MUST BÉ HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD TRANSPLANTED WITHIN THIS PERIOD MUST BE APPROVED BY AN AGRONOMIST OR SOIL SCIENTIST PRIOR TO ITS INSTALLATION.

SOD INSTALLATION DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURE OR IN AREAS HAVING DRY SUBSOIL LIGHTLY IRRIGATE THE SUBSOIL IMMEDIATELY PRIOR TO LAYING THE SOD. b. LAY THE FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO IT AND TIGHTLY WEDGED AGAINST EACH OTHER. STAGGER LATERAL JOINTS TO PROMOTE MORE UNIFORM GROWTH AND STRENGTH. ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE AIR DRYING OF THE ROOTS. WHEREVER POSSIBLE, LAY SOD WITH THE LONG EDGES PARALLEL TO THE CONTOUR AND WITH STAGGERING JOINTS. ROLL AND TAMP, PEG OR OTHERWISE SECURE THE SOD TO PREVENT SLIPPAGE ON SLOPES. ENSURE SOLID CONTACT EXISTS BETWEEN SOD ROOTS AND THE

UNDERLYING SOIL SURFACE WATER THE SOD IMMEDIATELY FOLLOWING ROLLING AND TAMPING UNTIL THE UNDERSIDE OF THE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. COMPLETE THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD WITHIN EIGHT SOD MAINTENANCE

a. IN THE ABSENCE OF ADEQUATE RAINFALL, WATER DAILY DURING THE FIRST WEEK OR AS OFTEN AND SUFFICIENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A DEPTH OF 4 INCHES. NATER SOD DURING THE HEAT OF THE DAY TO PREVENT WILTING AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN ADEQUATE DO NOT MOW UNTIL THE SOD IS FIRMLY ROOTED. NO MORE THAN 1/3 OF THE GRASS LEAF MUST BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. MAINTAIN A GRASS HEIGHT OF AT LEAST 3 INCHES UNLESS OTHERWISE SPECIFIED.

B-4-6 STANDARDS AND SPECIFICATIONS FOR SOIL STABILIZATION MATTING

MATERIAL USED TO TEMPORARILY OR PERMANENTLY STABILIZE CHANNELS OR STEEP SLOPES UNTIL

TO PROTECT THE SOILS UNTIL VEGETATION IS ESTABLISHED

CONDITIONS WHERE PRACTICE APPLIES ON NEWLY SEEDED SURFACES TO PREVENT THE APPLIED SEED FROM WASHING OUT; IN CHANNELS AND ON STEEP SLOPES WHERE THE FLOW HAS EROSIVE VELOCITIES OR CONVEYS CLEAR WATER: ON EMPORARY SWALES, EARTH DIKES, AND PERIMETER DIKE SWALES AS REQUIRED BY THE RESPECTIVE DESIGN STANDARD; AND, ON STREAM BANKS WHERE MOVING WATER IS LIKELY TO WASHOUT NEW VEGETATIVE PLANTINGS.

15 K.I. FINCH

VEGETATION MUST BE ESTABLISHED AND MAINTAINED SO THAT THE REQUIREMENTS FOR ADEQUATE SETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET IN ACCORDANCE WITH SECTION B-4 VEGETATIVE B-3 STANDARDS AND SPECIFICATIONS

To provide erosion control and vegetative establishment for extreme changes in grade.

Earth disturbances or extreme grade modifications on steep or long slopes.

water removal, and vegetative trealment, etc.

practices and consideration of the following:

shown on the plans.

improvements

<u>FOR</u>

LAND GRADING

<u>Definition</u>

Reshaping the existing land surface to provide suitable topography for building facilities and other site

Conditions Where Practice Applies

to ensure that surface runoff will not damage slopes or other graded areas.

rock outcrops, etc. are to be taken into consideration when designing benches,

appropriate design and computations.

Convey surface water down slope using a designed structure, and:

drainage ways, graded swales, downspouts, etc.

a. Provide benches with a minimum width of six feet for ease of maintenance.

steep slopes.) Slopes steeper than 2:1 require special design and stabilization considerations to be

for 3:1 slopes, when it exceeds 30 feet; and for 4:1 slopes, when it exceeds 40 feet. Locate benches to

divide the slope face as equally as possible and to convey the water to a stable outlet. Soils, seeps,

minimum of one foot in depth. Grade the longitudinal slope of the bench between 2 percent

3. Benching per Detail B-3-1 whenever the vertical interval (height) of any 2:1 slope exceeds 20 feet;

b. Design benches with a reverse slope of 6:1 or flatter to the toe of the upper slope and with a

c. The maximum allowable flow length within a bench is 800 feet unless accompanied by

a. Protect the face of all graded slopes from surface runoff until they are stabilized.

4. Diversion of surface water from the face of all cut and till slopes using earth dikes or swales.

b. Do not subject the slope's face to any concentrated flow of surface water such as from natural

c. Protect the face of the slope by special erosion control materials to include, but not be limited

to, approved vegetative stabilization practices, riprap or other approved stabilization methods.

and 3 percent, unless accompanied by appropriate design and computations.

Engineering Surveying Planning

The grading plan should be based on the incorporation of building designs and street layouts that fit and utilize existing topography and desirable natural surroundings to avoid extreme grade modifications. Information submitted must provide sufficient topographic surveys and soil investigations to determine limitations that must be imposed on the grading operation related to slope stability, adjacent properties, drainage patterns, measures for Many jurisdictions have regulations and design procedures already established for land grading that must be followed. The plan must show existing and proposed contours for the area(s) to be graded including practices for erosion control, slope stabilization, and safe conveyance of runoff (e.g., waterways, lined channels, reverse benches, grade stabilization structures). The grading/construction plans are to include the phasing of these 1. Provisions to safely convey surface minoff to storm drains, protected outlets or stable water courses 2. Cut and till slopes, stabilized with grasses, no steeper than 2:1. (Where the slope is to be moved, the slope should be no steeper than 3:1, but 4:1 is preferred because of safety factors related to mowing

4300 Forbes Boulevard, Suite 230

P. 301.794.7555 F. 301.794.7656

Lanham, MD 20706

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Environmental Sciences

MISS UTILITY NOTE

RMATION CONCERNING EXISTING UNDERGROUND LITH IT S OBTAINED FROM AVAILABLE RECORDS, THE CONTRACT T DETERMINE THE EXACT LOCATION AND ELEVATION OF A TING UTILITIES AND UTILITY CROSSINGS BY DIGGING TE 'S BY HAND, WELL IN ADVANCE OF THE START OF EXCAVA' NTACT "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR T START OF EXCAVATION. IF CLEARANCES ARE LESS THAI HOWN ON THIS PLAN OR TWELVE (12) INCHES. WHICHEVER IS SS. CONTACT THE ENGINEER AND THE UTILITY COMPANY ORE PROCEEDING WITH CONSTRUCTION, CLEARANCES LE IAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER / DEVELOPER / APPLICANT

ENCOMPASS HEALTH 9001 LIBERTY PARKWAY BIRMINGHAM, AL 35242 CONTACT: JOHN TSCHUDIN

5. Serrated slope as shown in Detail B-3-2. The steepest allowable slope for ripable rock is 1.5:1. For non rock surfaces, the slopes are to be 2:1 or flatter. These steps will weather and act to hold

moisture, lime, fertilizer and seed thus producing a much quicker and longer lived vegetative cover and better slope stabilization.

6. Subsurface drainage provisions. Provide subsurface drainage where necessary to intercept seepage that would otherwise adversely affect slope stability or create excessively wet site conditions.

7. Proximity to adjacent property. Slopes must not be created close to property lines without adequate protection against sedimentation, erosion, slippage, settlement, subsidence, or other related damages. 8. Quality of fill material. Fill material must be free of brush, rubbish, logs, stumps, building debris,

and other objectionable material. Do not place frozen materials in the fill nor place the fill material on a frozen foundation. 9. Stabilization. Stabilize all disturbed areas structurally or vegetatively in compliance with Section B-

4 Standards and Specifications for Stabilization Practices.

The line, grade, and cross section of benching and serrated slopes must be maintained. Benches and serrated slopes must continuously meet the requirements for Adequate Vegetative Establishment in accordance with Section B-4 Vegetative Stabilization.

8.4-8 STANDARDS AND SPECIFICATIONS

FOR

STOCKPILE AREA <u>Definition</u>

A mound or pile of soil protected by appropriately designed erosion and sediment control measures.

To provide a designated location for the temporary storage of soil that controls the potential for erosion,

sedimentation, and changes to drainage patterns.

Conditions Where Practice Applies

Stockpile areas are utilized when it is necessary to salvage and store soil for later use.

1. The stockpile location and all related sediment control practices must be clearly indicated on the erosion and sediment control plan 2. The footprint of the stockpile must be sized to accommodate the anticipated volume of material

and based on a side slope ratio no steeper than 2:1. Benching must be provided in accordance

with Section 3-3 Land Grading. 3. Runoff from the stockpile area must drain to a suitable sediment control practice.

4. Access the stockpile area from the upgrade side.

5. Clear water runoff into the stockpile area must be minimized by use of a diversion device such as an earth dike, temporaty swalle or diversion fence. Provisions must be made for discharging

concentrated flow in a non-erosive manner. 6. Where runoff concentrates along the toe of the stockpile fill, an appropriate erosion/sediment control practice must be used to intercept the discharge.

7. Stockpiles must be stabilized in accordance with the 3/7 day stabilization requirement as well as Standard B-4-1 Incremental Stabilization and Standard B-4-4 Temporary Stabilization.

8. If the stockpile is located on an impervious surface, a liner should be provided below the stockpile to facilitate cleanup. Stockpiles containing contaminated material must be covered with impermeable

Maintenance

The stockpile area must continuously meet the requirements for Adequate Vegetative Establishment in accordance with Section B-4 Vegetative Stabilization. Side slopes must be maintained at no steeper than a 2:1 ratio. The stockpile area must be kept free of erosion. If the vertical height of a stockpile exceeds 20 feet for 2:1 slopes, 30 feet for 3:1 slopes, or 40 feet for 4:1 slopes, benching must be provided in accordance with Section B-3 Land Grading.

TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2 - 036-99 REASON FOR REVISION APPROVED BY DATE DRD# 4-98076 J.P. MARKOVICH REVISED LAYOUT DSP-0203 R. PORTER INGRUM 02/20/03 SDP-0203-01 REVISED LAYOUT 04/07/05 REVISED LAYOUT 06/17/05 LORI SHIRLEY SDP-0405 04 K.I. FINCH 08/09/05 PARCEL 2E SDP-0402 LOT 5 BLOCK5 02/28/06 05 | LORI SHIRLEY DSP-06096 LOT 1 BLOCK2 03/04/09 06 K. SHOULARS DSP-07072 BLOCK 3 LOTS 1-2 7 K. SHOULARS 09/22/08 DSP-07031 08 K. SHOULARS 10/08/09 DSP-11018 MELFORD PONDS 1-09 K. SHOULARS 10 K.I. FINCH 06/21/13 REVISED LAYOUT 14 KLEINCH DSP-17020 **INFRASTRUCTURE** 04/14/17 12 K.I. FINCH ASPEN 01/31/19 DSP-18007 13 K.I. FINCH RETAIL 07/26/19 DSP-18026 14 K.I. FINCH 10/11/19 DSP-18034 TOWN HOUSES

DSP-19052

LOT 5 POD 6

09/04/20

16 Kim J. Finch 5/10/2021 DSP-07031-04

Prince George's County Planning Department, M-NCPPC

Environmental Planning Section

APPLICATION NAME: MELFORD PROPERTY POD 6 APPLICATION NO.: DSP-07031-04 TCP NO.: TCPII-036-99-16 SIGNATURE APPROVAL OF THIS PLAN IS ACCORDANCE WITH PGCPB RESOLUTIO NO. 2020-157 DATED DECEMBER 3, 2020. SIGNATURE APPROVAL DATE: Jill Digitally signed by Jill Kosack Date: 2021.05.20 16:46:45-04'00' AUTHORIZED SIGNATURE

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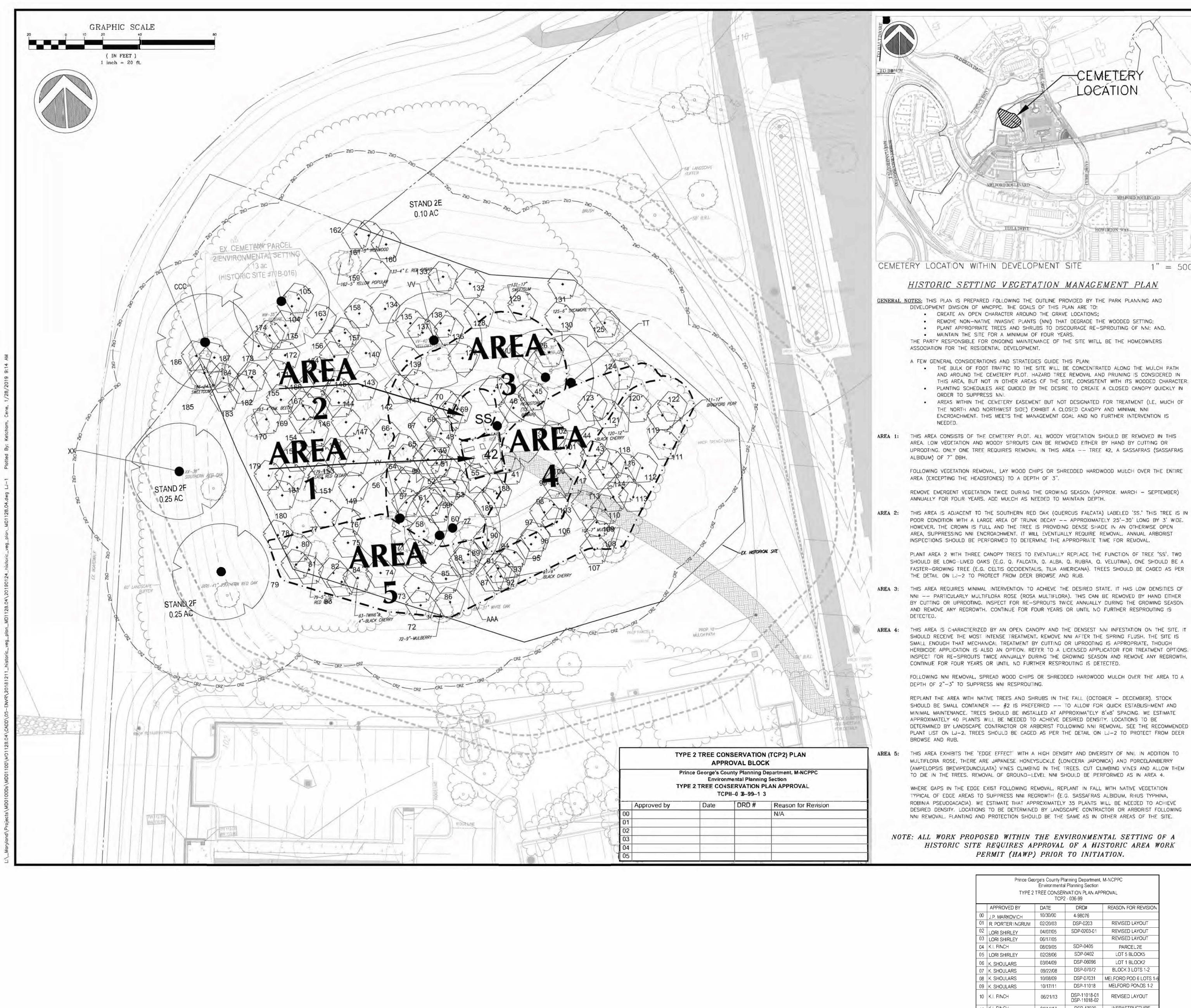
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NOTE; BASE INFORMATION WAS DONE BY OTHERS







SHOULD BE LONG-LIVED OAKS (E.G. Q. FALCATA, Q. ALBA, Q. RUBRA, Q. VELUTINA), ONE SHOULD BE A FASTER-GROWING TREE (E.G. CELTIS OCCIDENTALIS, TILIA AMERICANA). TREES SHOULD BE CAGED AS PER THE DETAIL ON LJ-2 TO PROTECT FROM DEER BROWSE AND RUB. THIS AREA REQUIRES MINIMAL INTERVENTION TO ACHIEVE THE DESIRED STATE. IT HAS LOW DENSITIES CF NNI -- PARTICULARLY MULTIFLORA ROSE (ROSA MULTIFLORA). THIS CAN BE REMOVED BY HAND EITHER

BY CUTTING OR UPROOTING. INSPECT FOR RE-SPROUTS TWICE ANNUALLY DURING THE GROWING SEASON AND REMOVE ANY REGROWTH. CONTINUE FOR FOUR YEARS OR UNTIL NO FURTHER RESPROUTING IS

THIS AREA IS CHARACTERIZED BY AN OPEN CANOPY AND THE DENSEST NN INFESTATION ON THE SITE. IT SHOULD RECEIVE THE MOST INTENSE TREATMENT. REMOVE NNI AFTER THE SPRING FLUSH. THE SITE IS SMALL ENOUGH THAT MECHANICAL TREATMENT BY CUTTING OR UPROOTING IS APPROPRIATE, THOUGH HERBICIDE APPLICATION IS ALSO AN OPTION. REFER TO A LICENSED APPLICATOR FOR TREATMENT OPTIONS. INSPECT FOR RE-SPROUTS TWICE ANNUALLY DURING THE GROWING SEASON AND REMOVE ANY REGROWTH. CONTINUE FOR FOUR YEARS OR UNTIL NO FURTHER RESPROUTING IS DETECTED.

FOLLOWING NNI REMOVAL, SPREAD WOOD CHIPS OR SHREDDED HARDWOOD MULCH OVER THE AREA TO A DEPTH OF 2"-3" TO SUPPRESS NNI RESPROUTING.

REPLANT THE AREA WITH NATIVE TREES AND SHRUBS IN THE FALL (OCTOBER - DECEMBER), STOCK SHOULD BE SMALL CONTAINER -- #2 IS PREFERRED -- TO ALLOW FOR QUICK ESTABLISHMENT AND MINIMAL MAINTENANCE. TREES SHOULD BE INSTALLED AT APPROXIMATELY 8'x8' SPACING. WE ESTIMATE APPROXIMATELY 40 PLANTS WILL BE NEEDED TO ACHIEVE DESIRED DENSITY. LOCATIONS TO BE DETERMINED BY LANDSCAPE CONTRACTOR OR ARBCRIST FOLLOWING NNI REMOVAL. SEE THE RECOMMENDED PLANT LIST ON LJ-2. TREES SHOULD BE CAGED AS PER THE DETAIL ON LJ-2 TO PROTECT FROM DEER

AREA 5: THIS AREA EXHIBITS THE 'EDGE EFFECT' WITH A HIGH DENSITY AND DIVERSITY OF NNI. IN ADDITION TO MULTIFLORA ROSE, THERE ARE JAPANESE HONEYSUCKLE (LONICERA JAPONICA) AND PORCELAINBERRY (AMPELOPSIS BREVIPEDUNCULATA) VINES CLIMBING IN THE TREES. CUT CLIMBING VINES AND ALLOW THEM TO DIE IN THE TREES. REMOVAL OF GROUND-LEVEL NNI SHOULD BE PERFORMED AS IN AREA 4.

> WHERE GAPS IN THE EDGE EXIST FOLLOWING REMOVAL, REPLANT IN FALL WITH NATIVE VEGETATION TYPICAL OF EDGE AREAS TO SUPPRESS NNI REGROWTH (E.G. SASSAFRAS ALBIDUM, RHUS TYPHINA, ROBINIA PSEUDOACACIA). WE ESTIMATE THAT APPROXIMATELY 35 PLANTS WILL BE NEEDED TO ACHIEVE DESIRED DENSITY. LOCATIONS TO BE DETERMINED BY LANDSCAPE CONTRACTOR OR ARBORIST FOLLOWING NNI REMOVAL. FLANTING AND PROTECTION SHOULD BE THE SAME AS IN OTHER AREAS OF THE SITE,

NOTE: ALL WORK PROPOSED WITHIN THE ENVIRONMENTAL SETTING OF A HISTORIC SITE REQUIRES APPROVAL OF A HISTORIC AREA WORK PERMIT (HAWP) PRIOR TO INITIATION.

		Environmental TREE CONSER	anning Department, Planning Section VATION PLAN APP - 036-99	
	APPROVED BY	DATE	DRD#	REASON FOR REVISION
00	J.P. MARKOVICH	10/30/00	4-98076	
01	R. PORTER INGRUM	02/20/03	DSP-0203	REVISED LAYOUT
02	LORI SHIRLEY	04/07/05	SDP-0203-01	REVISED LAYOUT
03	LORI SHIRLEY	06/17/05		REVISED LAYOUT
04	K.I. FINCH	08/09/05	SDP-0405	PARCEL2E
05	LORI SHIRLEY	02/28/06	SDP-0402	LOT 5 BLOCK5
06	K. SHOULARS	03/04/09	DSP-06096	LOT 1 BLOCK2
07	K. SHOULARS	09/22/08	DSP-07072	BLOCK 3 LOTS 1-2
08	K. SHOULARS	10/08/09	DSP-07031	MELFORD POD 6 LOTS 1-6
09	K. SHOULARS	10/17/11	DSP-11018	MELFORD PONDS 1-2
10	K.I. FINCH	06/21/13	DSP-11018-01 DSP-11018-02	REVISED LAYOUT
11	K.I. FINCH	04/14/17	DSP-17020	INFRASTRUCTURE
12	K.I. FINCH	01/31/19	DSP-18007	ASPEN
13	K.L. FINCH	07/26/19	DSP-18026	RETAIL
14	K.I. FINCH	10/11/19	DSP-18034	TOWN HOUSES
15	K.I. FINCH	09/04/20	DSP-19052	MANSIONS, VARIANCE TO REMOVE TREE X AT DIRECTOR LEVEL
16	Kim J. Firch	5/10/2021	DSP-07031-04	LOT 5 POD 6

APPLICATION NO.: DSP-07031-04 TCP NO.: TCPII-036-99-16 SIGNATURE APPROVAL OF THIS PLAN IS IN ACCORDANCE WITH PGCPB RESOLUTION NO. 2020-157 DATED DECEMBER 3, 2020. SIGNATURE APPROVAL DATE: Jill Digitally signed by Jill Kosack Date: 2021.05.20 16:46:45 -04'00'

Authorized Signature

lorizontal Datum:

Boundary and Topo Source:

Design Draft Approved

Sheet #

BOHLER ENGINEERING

CK CK

Computer File Name:

10124 historic veg plan MDH28.64.0wg

ertical Datum:

NOTE; BASE INFORMATION WAS DONE BY OTHERS

4300 Forbes Boulevard, Suite 230 Lanham, MD 20706 P. 301.794.7555 F. 301.794.7656 www.solteszco.com

> Engineering Surveying Planning **Environmental Sciences**

MISS UTILITY NOTE

FORMATION CONCERNING EXISTING UNDERGROUND UTILITIE AS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR ST DETERMINE THE EXACT LOCATION AND ELEVATION OF AL STING UTILITIES AND UTILITY CROSSINGS BY DIGGING TE 'S BY HAND, WELL IN ADVANCE OF THE START OF EXCAVAT ONTACT "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO START OF EXCAVATION. IF CLEARANCES ARE LESS THA HOWN ON THIS PLAN OR TWELVE (12) INCHES, WHICHEVER IS SS, CONTACT THE ENGINEER AND THE UTILITY COMPANY EFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LE HAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER / DEVELOPER / APPLICANT

ENCOMPASS HEALTH 9001 LIBERTY PARKWAY BIRMINGHAM, AL 35242 CONTACT: JOHN TSCHUDIN



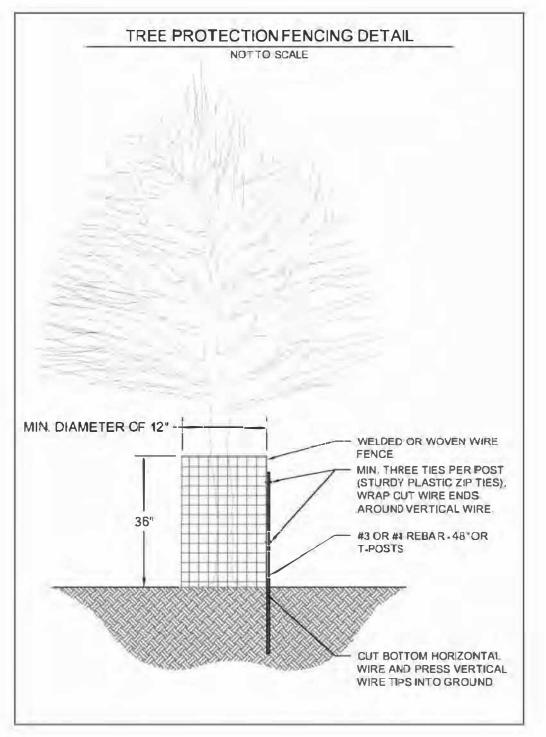
ORD

ME ONS

TREE OMP. S

ZONING CATEGORY: M-X-T HORIZONTAL: XXXXXX VERTICAL: XXXXXX DESIGNED: YOR CHNICIAN: YOR HECKED: DJB CAD STD'S. VERSION: V8/NCS

38420000



AREA 3 SUCCESTED PLANT LIST

CENERAL NOTES: THE PLANTS SELECTED SHOULD CONSIST OF A MIX OF EVERGREENS TO PROVIDE YEAR-ROUND SHADING, FAST-GROWING CANOPY TREES, SHRUBS, AND LONG-LIVED. SLOW-GROWING CANOPY TREES. PLANTS SHOULD BE CONSISTENT WITH THOSE SELECTED FOR THE FORESTED BUFFER.

SIZE FOR EACH PLANT SHOULD BE #2 CONTAINER,

LARCE	TPFFC.	AMERICAN BEECH (FAGUS GRANDIFOLIA)
LANGL	I KLLD.	TULIP POPLAR (LIRIODENDRON TULIPIFERA)
		CHESTNUT OAK (QUERCUS MONTANA)
		NORTHERN RED OAK (QUESRCUS RUBRA)
		SOUTHERN RED OAK (QUERCUS FALCATA)
		WHITE OAK (QUERCUS ALBA)
		BLACK LOCUST (ROBINIA PSEUDOACACIA)
		SWEETGUM (LIQUIDAMBAR STYRACIFLUA)
		BLACK OAK (QUERCUS VELUTINA)
		HACKBERRY (CELTIS OCCIDENTALIS)
		BASSWOOD (TILIA AMERICANA)

SMALL TREES: HOPHORNBEAM (DSTRYA VIRGINIANA) BLACKHAW (VIBURNUM PRUNIFOLIUM) FLOWERING DOGWOOD (CORNUS FLORIDA) SASSAFRAS (SASSAFRAS ALBIDUM) PAWPAW (ASIMINA TRILOBA) PERSIMMON (DIOSPYROS VIRGINIANA)

EVERGREENS: VIRGINIA PINE (PINUS VIRGINIANA)

SPICEBUSH (LINDERA BENZOIN) SHRUBS:

RHUS TYPHINA (STAGHORN SUMAC)

EASTERN REDCEDAR (JUNIPERUS VIRGINIANA) WITCH-HAZEL (HAMAMELIS VIRGINIANA)

LOWBUSH BLUEBERRY (VACCINIUM ANGUSTIFOLIUM)_

Tree and Shrub Planting Guidelines

Site Preparation

Dig shallow planting holes two to three times as wide os the root bol. Wide, shallow holes encourage harizantal root growth that trees and shrubs naturally produce.

In well-drained soil, dig holes as deep as the root ball. In poorly-drained heavy clay soil, dig holes one to two inches shallower than the root ball. Cover the exposed root ball top with mulch. Don't dig holes deeper than root balls or put loose soil beneath roots becouse loose soil will compact over time, leaving trees and shrubs planted too deep. Widen holes near the soil surface where most root growth occurs. Score walls of machine-dug (auger, backhoe) holes to prevent

Backfill holes with existing unamended soil. Do not incorporate organic matter such as peatmoss into backfill for individual planting holes. Differences in soil pore sizes will be created causing problems with water movement and root growth between the root ball, planting hole, and surrounding soil.

Backfill half the soil, then water thoroughly to settle out air pockets. Finish backfilling, then water again. Cover any exposed root boll tops with mulch.

ree and Shrub Preparation Remove plastic containers from container-grown trees and shrubs. For plants in fiber pats, break away the top or remove the pot entirely. Many fiber pots ore cooted to extend their shelf life, but

this slows degradation below ground and retards root extension. If roots are circling around the root ball exterior, cut through the roots in a few places. Cutting helps prevent circling roots from eventually girdling the trunk. Select trees grown in containers with vertical ribs or a copper-treatment on the interior container wall. These container modifications and treatments minimize circling root formation.

ree Core After Planting

Remove togs and labels from trees and shrubs to prevent girdling branches and trunks. Good follow-up watering helps promote root growth.

Mulch, but don't over mulch newly planted trees and shrubs. Two to three inches of mulch is best - less if a fine material, more if coarse. Use either organic mulches (shredded or chunk pine bark, pine straw, composts) or inorganic mulches (volcanic and river rocks).

Keep mulch from touching tree trunks and shrub stems. This prevents disease and rodent problems if using organic mulches, and bark obrasion if using inorganic mulches. Don't use black plastic beneath mulch around trees and shrubs because it blocks air and water

Only stoke trees with large crowns, or those situated on windy sites or where people may push them over. Stoke for a maximum of one year. Allow trees a slight amount of flex rather than holding them rigidly in place. Use guying or attaching material that won't damage the bark. To prevent trunk girdling, remove all guying material after one year.

Most trees should not have their trunks wrapped. Wrapping often increases insect, disease, and water damage to trunks. Thin—barked trees planted in spring or summer into hot or paved areas may benefit from wrapping if a white wrap is used. To avoid trunk girdling, do not attach wraps with wire, nylon rope, plastic ties, or electrical tope. If wraps must be used, remove within one

For protection against animal or equipment domage, install guards to protect the trunk. Be sure the guards are loose-fitting and permit air circulation.

Adopted from Virginia Cooperative Extension Publication 430-295; Bonnie Lee Appleton, Extension Specialist; Susan French, Extension Technician, AREC, Hampton Roods; Virginia Tech

Condition Rating Condition Comment

Poor

Poor

Poor

Good

Fair

Fair

Good

Fair

Fair

Fair

Poor

Poor

Good

Eair

Good

Good

Good

Good

Good

Fair

Good

Poor

Good

Fair

Good

Fair

Good

Poor

Poor

Good

Good

Fair

Fair

Good

Twin. 6" leader

Large cavity at base

Large clead wood, po

fortu, st ortu damage

Cavity, broken off

main leader

One-sided, slight lean

Storm damage, broke

Storm dama 🗷 narrow

crown heavy vin

Broken limbs

Narow gown

Common Name

Southern Red Oak

Black Cherry

Eastern Red Cedar

Black Cherry

Blad: Cherry

BlackCherry

Red'Mulbeny

Black Cherry

Sweet Cherry

Sweet Cherry

Black Cherry

Southern Red Oak

Black Cherry

Black Cherry

BlackCherry

Black Cheny

Sweet Cherry

Sweet Gum

Sweet Cherry

Sweet Cherry

Yellow Poplar

Southern Red Oak

Southern Red Oak

Red Mulberry

Sweet Guns

Black Cherry

Black Cherry

Bradford Pear

Siveet Cheny

Sweet Cherry

Black Cherry

BlackCherry

Black Cherry

Sweet Cheuv

Scientific Name

Quercus falcata

Priams seroures

Jumperus virginiana

Privilles serotina

Priants seronna

Primus seronna Prumis serotina

Morus rubra

Primus seronina

Priving avinn

Prunus av non

Primus avuiti

Promis serotina

Quercus scilcata

Primits seromina

Prumis avium

Primits avitum

Prums camun

Quercus falcara

Quercus falcata

Morus rubra

Printills serotifica

Primis serotila

Paris callerana

France assen

Primis avium

Privius serotina

Privilis seronna

Black Cherry Primusseronna

guideniber syracyflud

Condition Rating

Good

Good

Fair

Fair

Fair

Fmr

Good

Fair

Fair

Fair

Poor

Poor

Poor

Good

Good

Fair

Good

Fair

Twin

Twin

IDSTORIC TREE TABLE

Scientific Name

Pitmins seroima

Sassafras albidian

Primus serotina

Priques ervium

Querais falacia

Quercus Salcara

indamber sterentila

Liquidamber styricglic

Liquadambar stwariflua

Liquidombar strracifina

Prints swonna

Primus seroluta

Priasus seronina

Princes serotina

Franks avrim

guidambar streaciffue

Quercus falcara

Primus serotma

Anonia chitum

Primus serotina

Piniuser orun

Promis serotina

Primits seronno

France seronia

Carpinus carohniana

mechniber streetli

Missa silvinica

undambar savacylu

Fagus grandifolta

iguidambar stvraciffua

Sassaff as albidum

Moras Pubra

Primus seronna

Printes seronia

Primis seroium

Primus serotina

Primus seronna

Liquidenber styrneiftur

Common Name

Black Cherry

Sassatias

Black Chenry

44 Sweet Chary

45 Southern RedOak

46 Southern Red Oak

Sweet Gum

Sweet Guin

Sweet Gum

Sweet Ginii

Black Cheny

Black Cherry

Black Cherry

Sweet Chary

Sweet Gum

Blad: Cherry

Sweet Chary

Black Cherry

Black Cherry

Black Cherry

Black Cheny

Black Cherry

Ironwood

Sweet Gum

Black Gum

American Beech

Sweet Ginn

Sassasfras

Red Mulberry

Black Cherry

Black Cherry

Black Cherry

Black Cherry

Black Cherry

Sweet Guin

Sweet Gum

57 Southern Red Oak

Black Chany

Description	Gry.	Sizel sher	Onit		TOTAL
TREES					
American Beech	3	#2 Cont.	\$ 34,80	\$	10440
Tulip Poplar	3	#2 Cont	\$ 34.80	\$	10440
Chestrut Oak	3	#2 Cont.	\$ 34.80	\$	10440
Northern Red Oak	3	#2 Cont.	\$ 34.80	\$	10440
Southern Red Oak	3	#2 Cont.	\$ 34.80	\$	104.40
White Oak	3	#2Cont.	\$ 34.80	\$	10440
BlackLocust	4	#2Cont.	\$ 34.80	\$	139.20
Sweetgum	3	#2Cont.	\$ 34.80	\$	10440
Black Oak	2	#2 Cont.	\$ 34.80	\$	6960
Hackberry	2	#2 Cont.	\$ 34,80	\$	6960
Basswood	2	#2 Cont.	\$ 34,80	\$	6960
Hophombeam	2	#2 Cont.	\$ 34.80	\$	6960
Błackhaw Viburnum	3	#2 Cont.	\$ 34,80	\$	104.40
Flowering Dogwood	3	#2 Cont.	\$ 34,80	\$	104.40
Sassafras	4	#2 Cont.	\$ 34.80	\$	139.20
Pawpaw	4	#2 Cont.	\$ 34.80	\$	13920
Persimmon	3	#2 Cont.	\$ 34.80	\$	10440
Virginia Pine	6	#2 Cont.	\$ 26.10	\$	156.60
Eastern Red Cedar	6	#2 Cont.	\$ 26.10	\$	15660
Lastellineo Ceda	0		L TREES:	-	2,053.20
SHRUBS	-	3081017	TE TREES.	7	21033.20
Spicebush	5	#2 Cont.	\$ 26.10	\$	13050
WitchHazel	4	#2 Cont.	\$ 26.10	\$	194,40
	-				
Staghom Sumac	4	#2Cont.	\$ 26.10	\$	104.40
Lowbush Blueberry	3	#2 Cont.	\$ 34.80	\$	10440
ADEA -	_	SUBTOTAL	2MKDR2:	2	443.70
AREA 1		1.6	Across		
NNI Removals	1	LS	\$578.52	\$	578.57
Mulch-Shredded Hardwood 3" Depth (Incl. pathway)	26	CY	\$ 43.20	\$	1,123.20
		SUBTOTA	L AREA 1:	5	1,701.72
AREA 2					
NNI Removals	1	LS	\$578.52	\$	578.52
Tree Cages	3	EA	\$ 27.00		81.00
		SUBTOTA	L AREA 2:	\$	659.52
AREA3				\$	964.20
AREA3 NNI Removals	1	LS	\$964.20	_	000 30
	1	LS SUBTOTA		_	964.20
	1			_	964.20
NNI Removals	1			_	
NNI Removals AREA4		SUBTOTA	L AREA 3:	\$	96420
NNI Removals AREA4 NNI Removals	1	SUBTOTA	\$ 964.20 \$ 43.20	\$ \$ \$	96420 1,33920
NNI Removals AREA4 NNI Removals	1	LS CY	\$ 964.20 \$ 43.20	\$ \$ \$	96420 1,33920
ARE A4 NNI Removals Mulch- Shredded Har dwood 3" Depth	1 31	LS CY	\$ 964.20 \$ 43.20 L AREA 4:	\$ \$	96420 1,33920 2,303.4 0
AREA4 NNI Removals Mulch- Shredded Hardwood 3" Depth AREA5	1	LS CY SUBTOTA	\$ 964.20 \$ 43.20 L AREA 4: \$ 964.20	\$ \$ \$ \$	96420 1,33920 2,303.40 96420
AREA4 NNI Removals Mulch- Shredded Hardwood 3" Depth AREA5 NNI Removals	1 31	LS CY SUBTOTA	\$ 964.20 \$ 43.20 L AREA 4: \$ 964.20	\$ \$ \$ \$	96420 1,33920 2,303.40 96420
AREA4 NNI Removals Mulch- Shredded Hardwood 3" Depth AREAS NNI Removals 4 YEAR MAINTENANCE	1 31	LS CY SUBTOTA LS SUBTOTA	\$ 964.20 \$ 43.20 L AREA 4: \$ 964.20 L AREA 5:	\$ \$ \$ \$	96420 1,33920 2,303.40 964.20
AREA4 NNI Removals Mulch- Shredded Hardwood 3" Depth AREA5 NNI Removals	1 31	LS CY SUBTOTA	\$ 964.20 \$ 43.20 L AREA 4: \$ 964.20	\$ \$ \$ \$	964.20 96420 1,33920 2,303.40 964.20 9,119.34

IMPLEMENTATION COST ESTIMATE

Qty. Size/Spec Unit Total

NOTE: BONDING FOR THE IMPLEMENTATION OF THIS VEGETATION MANAGEMENT PLAN SHALL BE POSTED PRIOR TO INITIATION OF THE HISTORIC AREA WORK PERMIT. A SEPARATE BOND CAN BE POSTED. OR IT CAN BE COMBINED WITH WOODLAND CONSERVATION BONDING REQUIRED FOR TCP2-036-99-12 (DSP-18026) FOR AFFORESTATION/REFORESTATION.

154 Southern Red Oak Quervis falcata

No.	Common Name	Scientifle Nume	DBH (inches)	Condition Rating	Condition Comment
117	Southern Red Oak	Quercus falcutu	6	Poor	
118	Black Cherry	Prionis seronna	11	Poer	1
119	Red Mulberry	Morus rubra	5	Fair	
120	Black Cherry	Prumis serotrui	12	Good	
121	Black Cheny	Primus serania	8. 6	Fair	Twin
122	BlackCheny	Priumis seromia	5	Poor	
123	Sweet Cherry	Prumis ev tum	5	Very Poor	
124	BlackCheny	Prunus seroina	7	Fait	
125	Sycamore	Platains occidentalis	6	Good	
126	Sweet Guin	Liquidambar siyvaciflua	12	Good	
127	Sweet Gum	Liquidambar styraciflua	17	Poor	
128	Sweet Guni	Ligudamber styraciflia	13	Fair	
129	Spreet Gunz	Liqindanbar siyeacijina	22	Fair	
130	Sweet Gum	Liquiciambur styracifina	11	Poor	
131	Sweet Gum	Liquidanbar styracifina	17	Fair	
132	Black Charry	Primis seronia	6	Fair	
133	Eastern Red Ceclar	Jun perus var gunnna	4	Good	
13.4	Sweet Gum	Liquidombar styraciflua	20	Fair	
135	Sweet Gum	Liquidambar styrreiflua	17	Fair	
136	Sweet Gim	Liquidambar styraciji na	7	Fair	
137	Sweet Gum	Liquidambar styracifius	10	Fair	
138	Black Cherry	Primits seroitna	4	Good	
139	Sweet Gum	Līguidamhar styroviflua	15	Good	
140	Sweet Gum	Liquidamben styaciflua	17	Fair	
141	Sweet Gum	Liquidamben styraciflua	7	Good	
142	Sweet Gum	Liquidambar styraciflua	16	Good	
1.13	Southern Red Oak	Quercus falcata	-4	Good	
[/]4	Ironwood	Стрина стойтета	3	Good	
145	lronw ood	Carpona ca olunana	3	Fair	
146	Black Cheny	Prunus seroima	5	Good	
147	Ironwood	Стртв стойната	3	Good	
143	BlackGlieny	Prumis seroma	- 5	Very Poor	
149	Black Cheny	Prumis seronica	5	Fair	
150	Black Cherry	Prumis ระกงกับต	6	Good	
151	American Brech	Fagus grandifoha	.51	Gnod	
152	Sweet Gum	Liquidanhar styccifluo	20	Good	
153	Ironwood	Carpinus carollaiana	3	Good	

Good

TOTAL PROJECT AMOUNT: \$18,209.2

		AREA 1	AREA 2	AREA 3	AREA4	AREA 5	PATH
	DORMANT SEASON	REMOVE VEGETATION MULCH	PLANT TREES				MULCH
2019	GROWING SEASON	REMOVE EMERGENT VEGETATION MULCH IF NEEDED	ARBORIST INSPECTION	REMOVE NNI INSPECT FOR RESPROUTS AND REMOVE (2X)	REMOVE NNI MULCH INSPECT FOR RESPROUTS AND REMOVE (2X)	REMOVE NNI MULCH INSPECT FOR RESPROUTS AND REMOVE (2X)	
	DORMANT SEASON				PLANT TREES & SHRUBS	PLANT TREES & SHRUBS	
2020	GROWING SEASON	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED		INSPECT FOR RESPROUTS AND REMOVE (2x)	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	MULCH IF NEEDED
	DORMANT SEASON		ARBORIST INSPECTION				
2021	GROWING SEASON	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	ARBORIST INSPECTION	INSPECT FOR RESPROUTS AND REMOVE (2x)	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	MULCH IF NEEDED
	DORMANT SEASON						
2025	GROWING SEASON	INSPECT FOR RESPROIJTS AND REMOVE (2X) MULCH IF NEEDED		INSPECT FOR RESPROUTS AND REMOVE (2x)	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	MULCH IF NEEDED
	DORMANT		ARBORIST INSPECTION				
2023	GROWING SEASON	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	ARBORIST INSPECTION	INSPECT FOR RESPROUTS AND REMOVE (2x)	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	INSPECT FOR RESPROUTS AND REMOVE (2X) MULCH IF NEEDED	MULCH IF NEEDED
	DORMANT SEASON						

No.	Conpuon Name	Scientiffe Name	DBH (inches)	Condition Score	Condition Rating	Condition Comments
SS	Southern Red Oak	Quercus falcaia	41	15"	Very Pox	Disensed, declining health, cavity
TT	American Beech	Fagus grandifoha	30	23	Fair	Storm damage
UU	Southern Red Oak	Quercus falcata	30	24	Fair	Largedeadwood
vv	Yellow Poplar	Liriodendron tulpifera	.10	16	Very Poor	Largecavity
ww	Southern Red Oak	Quercus falcata	35	26	Good	
XX	Southern Red Oak	Quercus fielecto	.38	26	Good	
YY	Southern Red Oak	Quercus falcata	34	23	Fair	
22	Somhen Red Oak	Quer cus faleata	32	19	Poor	Poor form, large dead wood, storm damage
AAA	White Oak	Quercis alba	31	23	Fair	Large dead wood.
BBB	Southern Red Oak	Quercus falcuta	41	26	Good	Minor storm damage
CCC	Yellow Poplar	Liriodendron hdipajer a	30	27	Good	Broken hubs

H	* 201			.,	Horizontal	Datum:	
	TYPE	E 2 TREE CONS APPRO	VAL BLOC		Vertical Da	etum:	
		Environme	ental Planning	Department, M-NCPPC g Section LAN APPROVAL	Boundary a BOHLER E		
		TCPII-	-0369913		Design	Draft	Approved
	Approved by	Date	DRD#	Reason for Revision	CK	CK	MK
00	Kim A. Finch	5/10/2021		N/A			
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	Prince Geo		anning Department, Planning Section	M-NCPPC
	TYPE 2		VATION PLAN APP	PROVAL
	APPROVED BY	DATE	DRD#	REASON FOR REVISION
)	J.P. MARKOVICH	10/30/00	4-98076	
	R. PORTER INGRUM	02/20/03	DSP-0203	REVISED LAYOUT
)	LORI SHIRLEY	04/07/05	SDP-0203-01	REVISED LAYOUT
}	LORI SHIRLEY	06/17/05		REVISED LAYOUT
,	K.i. FINCH	08/09/05	SDP-0405	PARCEL 2E
)	LORI SHIRLEY	02/28/06	SDP-0402	LOT 5 BLOCK5
ì	K. SHOULARS	03/04/09	DSP-06096	LOT 1 BLOCK2
,	K. SHOULARS	09/22/08	DSP-07072	BLOCK 3 LOTS 1-2
}	K. SHOULARS	10/08/09	DSP-07031	MELFORD POD 6 LOTS 1-6
)	K. SHOULARS	10/17/11	DSP-11018	MELFORD PONDS 1-2
)	K.I. FINCH	06/21/13	DSP-11018-01 DSP-11018-02	REVISED LAYOUT
	K.i. FINCH	04/14/17	DSP-17020	INFRASTRUCTURE
)	K.i. FINCH	01/31/19	DSP-18007	ASPEN
}	K.I. FINCH	07/26/19	DSP-18026	RETAIL
	K.i. FINCH	10/11/19	DSP-18034	TOWN HOUSES
i	K.I. FINCH	09/04/20	DSP-19052	MANSIONS, VARIANCE TO REMOVE TREE X AT DIRECTOR LEVEL
ì			DSP-07031-04	LOT5 POD6

APPLICATION NAME: MELFORD PROPERTY POD 6 APPLICATION NO.: DSP-07031-04 TCP NO.: TCPII-036-99-16 SIGNATURE APPROVAL DATE: Jill Digitally signed by Jill Kosack Date: 2021.05.20 16:46:45 - 04'00' Authorized Signature

NOTE; BASE INFORMATION WAS DONE BY OTHERS

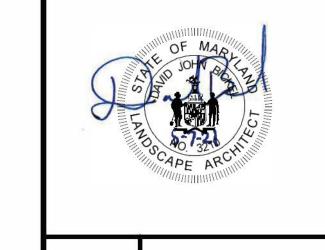
4300 Forbes Boulevard, Suite 230 Lanham, MD 20706 P. 301.794.7555 F. 301.794.7656 www.solteszco.com Engineering Surveying Planning Environmental Sciences REVISIONS MISS UTILITY NOTE INFORMATION CONCERNING EXISTING UNDERGROUND UTILITII WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTO MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF AL ISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TES PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATI CONTACT "MISS UTILITY" AT 1-800/257-7777, 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THA SHOWN ON THIS PLAN OR TWELVE (12) INCHES. WHICHEVER IS ESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LES THAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN. OWNER / DEVELOPER / APPLICANT **ENCOMPASS HEALTH** 9001 LIBERTY PARKWAY BIRMINGHAM, AL 35242 CONTACT: JOHN TSCHUDIN

Wetland

AMIL TIY, Mary

H

HISTORIC SETTI MANAGEMENT I



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ZONING CATEGORY: M-X-T 207NE15 HORIZONTAL: XXXXXX VERTICAL: XXXXXX DATE: JULY 2020 esigned: YOR HNICIAN: YOR

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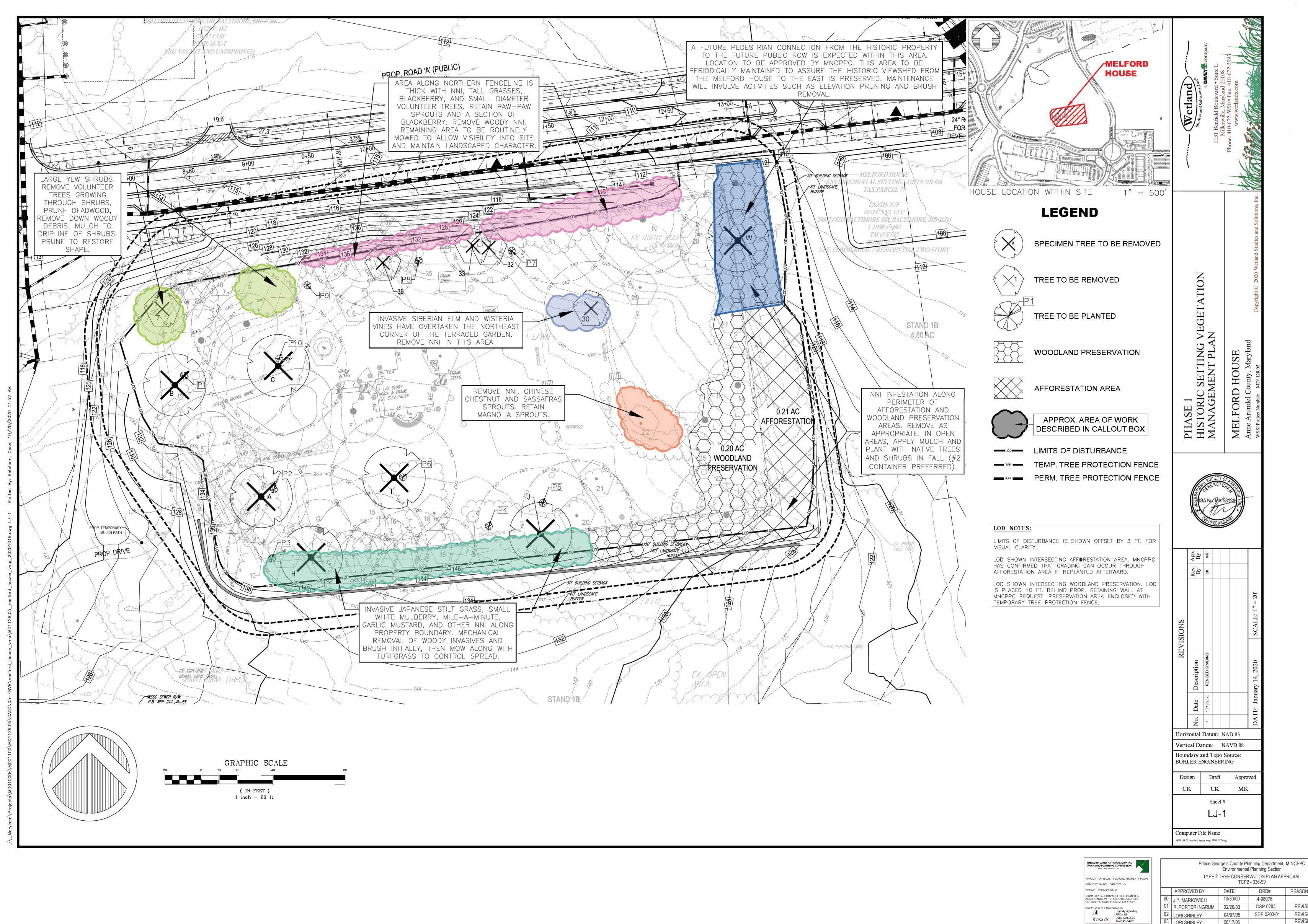
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Authorized Signature

TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2 - 036-99							
APPROVED BY	DATE	DRD#	REASON FOR REVISIO				
J.P. MARKOVICH	10/30/00	4-98076					
R. PORTER INGRUM	02/20/03	DSP-0203	REVISED LAYOUT				
LORI SHIRLEY	04/07/05	SDP-0203-01	REVISED LAYOUT				
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Kim A. Finch	5/10/2021	DSP-07031-04	LOT 5 POD 6				

REVISIONS 1 1/15/2020 PER COMMENTS



SCALE: MELFORD VILLAGE

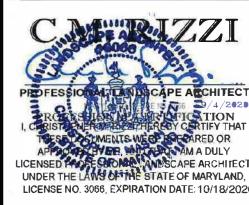
CHECKED BY:

ST. JOHN PROPERTIES

LOCATION OF SITE THE MELFORD VILLAGE BOWIE, **M**D 20715 PRINCE GEORGE'S COUNTY **ELECTION DISTRICT NO. 7**



Phone: (301) 809-4500 Fax: (301) 809-4501 MD@BohlerEng.com



MANAGEMENT

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MELFORD HOUSE HISTORIC SETTING VEGETATION MANAGEMENT PLAN

GENERAL NOTES

MELFORD IS A BRICK PLANTATION HOUSE BUILT IN THE 1840s. IT WAS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES IN 1988. THE PROPERTY INCLUDES THE HOUSE ITSELF, THREE SMALL OUTBUILDINGS, TERRACED GARDENS, LANDSCAPED AREAS, AND A WOODED AREA ALONG THE EAST EDGE OF THE PROPERTY.

THE GOALS OF THIS PLAN ARE TO:

- REMOVE LOW-GROWING PLANTS THAT ARE INCONSISTENT WITH THE LANDSCAPED SETTING AND IMPEDE SIGHTLINES ONTO THE HISTORIC PROPERTY;
- REMOVE OR MANAGE NON-NATIVE INVASIVE PLANTS (NNI) THAT DEGRADE THE LANDSCAPED AND WOODED AREAS;
- ENHANCE DESIRABLE PLANTINGS AND SUPPRESS UNDESIRABLE UNDERGROWTH WITH WOOD-CHIP MULCH APPLICATIONS;
- REMOVE STANDING DEAD TREES, DOWNED TREES, AND HAZARDOUS TREES;
- PLANT REPLACEMENT TREES AND SHRUBS TO MAINTAIN THE
- CHARACTER OF THE LANDSCAPE; AND, • MAINTAIN THE SITE FOR A MINIMUM OF FOUR YEARS. THE PARTY RESPONSIBLE FOR ONGOING MAINTENANCE OF THE SITE WILL BE THE BUSINESS OWNERS ASSOCIATION FOR THE MELFORD TOWN CENTER.

TREE AND SHRUB REMOVAL

- THE FOLLOWING TREES ARE TO BE REMOVED:
- TREE B UNKNOWN STUMP; SHOWN AS WHITE OAK (QUERCUS ALBA) IN VERY POOR CONDITION ON NRI. GRIND OUT STUMP.
- TREE C NORWAY MAPLE (ACER PLATANOIDES): REMOVE DUE
- TO SEVERE DECLINE AND DECAY. • TREES 32, 33, 36, W - ASH (FRAXINUS SPP.): STANDING
- DEAD. KILLED BY EMERALD ASH BORER. • TREE I - RED MAPLE (ACER RUBRUM): TREE IS IN SERIOUS DECLINE. UPPER CANOPY HAS DIED OUT, LEAVING LARGE
- DEADWOOD. EXTREMELY UNLIKELY TO RECOVER. • TREE J - BASSWOOD (TILIA AMERICANA): TRUNK IS EXTENSIVELY DECAYED AND HAS FAILED. SPROUTING FROM DOWN LIMBS ATTACHED TO TRUNK REMNANTS.
- TREE 30 SIBERIAN ELM (ULMUS PUMILA): INVASIVE. OVERTOPPED BY WISTERIA VINES.
- TREE 07 MOCKERNUT HICKORY (CARYA TOMENTOSA): VOLUNTEER GROWING THROUGH YEW SHRUB.

TEN TREES ARE TO BE PLANTED AS REPLACEMENTS IN THE LOCATIONS INDICATED ON THE PLAN. STOCK SHALL BE 3.5-4.0 INCHES CALIPER. TIMING FOR THE PLANTING PLANTING SHALL BE IN THE SPRING (MARCH TO MID-MAY) OR FALL (OCTOBER TO DECEMBER) SEASON AND PRIOR TO THE FIRST TOWNHOUSE BUILDING BEING RENTED. SPECIES IS TO BE AS FOLLOWS:

• TREES P2, P3, AND P7: WILLOW OAK (QUERCUS PHELLOS) • TREES P5, P6, P8, AND P10: WHITE OAK (Q. ALBA)

• TREES P1. P4. AND P9: NORTHERN RED OAK (Q. RUBRA)

TREE MAINTENANCE

THREE TYPES OF TREE MAINTENANCE PRACTICES ARE RECOMMENDED FOR TREES ON SITE: (1) DEADWOOD REMOVAL; (2) WOOD-CHIP MULCH APPLICATION; AND (3) REMOVE COMPETING VOLUNTEERS.

(1) DEADWOOD REMOVAL: AS WOODY PLANTS AGE, IT IS NORMAL FOR THEM TO ACCUMULATE DEAD BRANCHES IN THEIR CROWNS (E.G. BRANCHES SHADED OUT BY NEW GROWTH). IN A LANDSCAPE SETTING, THIS CREATES AN UNKEMPT APPEARANCE AND COULD PRESENT A SAFETY HAZARD. MANY TREES AND SHRUBS ON THIS PROPERTY HAVE A LARGE AMOUNT OF DEADWOOD DUE TO THE LIMITED MAINTENANCE PERFORMED ON THEM. IN TREES, DEAD BRANCHES OVER 3 INCHES IN DIAMETER SHOULD BE PRUNED. IN SHRUBS WHERE SAFETY IS NOT A CONCERN, DEADWOOD SHOULD BE REMOVED WHERE IT WOULD IMPROVE APPEARANCE.

MULCH IS RECOMMENDED FOR SEVERAL LOCATIONS ON SITE. THIS IS INTENDED TO IMPROVE THE APPEARANCE OF LANDSCAPE FEATURES, SUPPRESS WEED GROWTH, IMPROVE SOILS, AND REDUCE THE AREA THAT NEEDS TO BE MOWED. WOOD CHIPS OR SHREDDED HARDWOOD MULCH SHOULD BE SPREAD TO A MAXIMUM OF 3 INCHES DEPTH. NO MULCH SHOULD CONTACT THE TRUNK OR STEM OF THE PLANT -- 3 INCHES SHOULD BE KEPT CLEAR. MULCH SHOULD ONLY BE ADDED TO MAINTAIN DEPTH; RE-APPLICATION MAY NOT BE NECESSARY EVERY YEAR. EVALUATE NEED FOR ADDITIONAL WOOD CHIPS OR MULCH ANNUALLY EACH SPRING. FOR TREES AND SHRUBS, APPLICATION SHOULD BE TO THE DRIPLINE UNLESS OTHERWISE NOTED. WHERE PRACTICAL, APPLICATIONS SHOULD BE COMBINED TO INCORPORATE MULTIPLE TREES OR SHRUBS TO

(2) THE APPLICATION OF WOOD CHIPS OR SHREDDED HARDWOOD

RECOMMENDATIONS FOR SPECIFIC TREES ARE AS FOLLOWS:

- TREE 3 AND TREE 6: MULCH TO DRIPLINE.
- TREES 13-15: REMOVE NNI AND MULCH AS A GROUP. • TREES 16-17: REMOVE NNI AND MULCH AS A GROUP. • TREE 18 - AMERICAN HOLLY (ILEX OPACA): REMOVE

ELIMINATE THE NEED TO MOW BETWEEN CLOSELY-SPACED PLANTS.

- DEADWOOD. • TREE 20 - GINKGO (GINGKO BILOBA): GENTLY REMOVE TURF AND MULCH TO DRIPLINE.
- TREE 28 EASTERN REDCEDAR (JUNIPERUS VIRGINIANA): LARGE AMOUNT OF DEADWOOD IN LOWER CROWN. PRUNE TO REMOVE DEADWOOD.
- TREE 31 NORWAY SPRUCE (PICEA ABIES): REMOVE VINES AND OTHER NNI. REMOVE DEADWOOD. MULCH TO DRIPLINE. • LARGE YEW (TAXUS SPP.) SHRUBS IN NORTHWEST CORNER:

- REMOVE DEADWOOD AND VOLUNTEER TREES GROWING THROUGH SHRUBS. REMOVE VEGETATION UNDER DRIPLINE (PRIMARILY JAPANESE STILT GRASS. MULCH TO DRIPLINE. • TREE F - RED MAPLE (ACER RUBRUM): GENTLY REMOVE TURF
- IN A CIRCLE AROUND THE TRUNK WITH RADIUS EQUAL TO THE DISTANCE FROM TRUNK TO DRIVEWAY. MULCH EXPOSED AREA. • TREE N - NORWAY SPRUCE (PICEA ABIES): REMOVE DEADWOOD. REMOVE VEGETATION UNDER CROWN AND MULCH TO DRIPLINE.

MAINTENANCE OF HISTORIC TREES ON THE SITE WILL BE ONGOING ALL HISTORIC TREES SPECIFIED TO REMAIN ARE TO BE PERIODICALLY MAINTAINED AS NEEDED TO PRESERVE THE LANDSCAPE OF THE HISTORIC SETTING. MAINTENANCE TO INCLUDE SUCH PRACTICES AS PRUNING AND MULCHING.

GENERAL LANDSCAPE MAINTENANCE

THERE ARE SEVERAL AREAS WHERE STICKS AND OTHER DOWN WOODY DEBRIS HAVE BEEN PILED, PRESUMABLY TO AID IN MOWING. PILES ARE GENERALLY LOCATED AROUND THE PERIMETER OF THE PROPERTY AND UNDER SHRUBS AND LOW-BRANCHING TREES. THESE PILES DETRACT FROM THE APPEARANCE OF THE LANDSCAPE, PROVIDE REFUGE FOR NNI SPROUTS, AND LEAD TO LARGER AND LARGER UNMOWED AREAS AS THEY EXPAND. EXISTING DOWN WOODY DEBRIS SHOULD BE REMOVED. REMOVAL SHOULD BE AN ONGOING ANNUAL MAINTENANCE ACTIVITY.

PROPERTY AND ASSOCIATED HISTORIC LANDSCAPE BUFFER --OUTSIDE OF THE FOREST RETENTION AND AFFORESTATION AREAS ---WILL CONSIST OF LAWN AND FUTURE SUPPLEMENTAL LANDSCAPE PLANTING. ALL FUTURE LANDSCAPING TO BE APPROVED BY MNCPPC PRIOR TO INSTALLATION.

> NOTE: ALL WORK PROPOSED WITHIN THE ENVIRONMENTAL SETTING OF A HISTORIC SITE REQUIRES APPROVAL OF A HISTORIC AREA WORK PERMIT (HAWP) PRIOR TO INITIATION.

TREES TO BE REMOVED

	TREE TO BE TUBLICTED																
Tree #	(Diameter at 4.5 feet above grade)	Common Name	Botanical Name	Root Health	Root Structure	Trunk Health	Trunk Structure	Scaffold Branch Health	Scaffold Branch Structure	Twigs	Foliage	Condition Score	Condition Rating %	Condition Rating	Dead Tree?	Comments	Condition Notes
7	14	hickory, mockernut	Carya tomentosa	3	3	2	3	3	3	3 3	N/A	19.5	69.6	Good	LIVING	Lower trunk growing into large yew shrub at base. Poor location.	Small deadwood (1-2"), Broken Limbs, Mechanical Damage, Buried root collar
30	16,14,10,9, 4,4	elm, Siberian	Ulmus pumila	3	3	3	1	2.5	2	2 2	N/A	16	57.1	Fair	LIVING	Invasive. Poor form, Very codominant. Wisteria constricting stems and branches. Bacterial flux at base.	Small deadwood (1-2'), Included Bark/Weak Union, Co- Dominant Stems, Vines
32	19	ash, spp.	Fraxinus spp.	0	0	0	0	0) (0	0	0.0	Dead	DEAD	EAB	Buried root collar
33		ash, spp.	Fraxinus spp.	0	0	0	0	0			0			Dead		EAB	Buried root collar
36	9, 5	ash, spp.	Fraxinus spp.	0	0	0	0	0	(0	0	0.0	Dead	DEAD	EAB	Buried root collar
E		oak, white	Quercus alba	0	0	0	0	0	() (0	0	0.0	Dead	DEAD	Stump.	
С	38	maple, Norway	Acer platanoides	2	2	1	1	1	í	1 1	N/A	7.5	26.8	Poor	LIVING	Extensive trunk and branch decay. Very little sound wood left in trunk. Top of tree and major scaffold limb brokwn out. Remove ASAP.	One Sided, Large deadwood (3"+), Small deadwood (1-2"), Trunk Decay, Basal Decay, Branch Decay, Serious Decline
	35	maple, red	Acer rubrum	2	3	1	2	1	1.5	5 1	N/A	11.5	41.1	Poor	LIVING	Nearly all major branches have decay and/or serious dieback. Cavity w/ decay in base and trunk. Decay fungi conk present. Top dying out.	One Sided, Large deadwood (3"+), Small deadwood (1-2"), Roo Damage/Decay, Trunk Decay, Basal Decay, Branch Decay, Broken Limbs
		linden, American	Tilia americana	1					(N/A			Critical	LIVING	Tree has split apart. Trunk is on ground. Sprouts from trunk.	Large deadwood (3"+), Small deadwood (1-2"), Root Damage/Decay, Trunk Decay, Basal Decay, Branch Decay, Broken Limbs, Serious Decline, Excessive Lean, Buried root collar
W	32	ash, spp.	Fraxinus spp.	0	0	0	0	0			0	0	0.0	Dead	DEAD	EAB	Buried root collar

INVASIVE SPECIES MANAGEMENT PLAN PROJECT NAME: MELFORD MANSIONS TCPII-036-99

SCOPE OF PLAN

TO REMOVE WOODY NON-NATIVE INVASIVE SPECIES (NNI) TO INCLUDE TREES, SHRUBS, AND VINES. TO REDUCE THE AMOUNT OF HERBACEOUS NNI TO INCLUDE GRASSES AND FORBS TO LESS THAN TWENTY PERCENT OF THE HERBACEOUS LAYER PER THE REQUIREMENTS OF THE ENVIRONMENTAL TECHNICAL MANUAL.

SPECIES PRESENT ON THE SITE INCLUDE: • GARLIC MUSTARD (ALLARIA PETIOLATA) • JAPANESE STILT GRASS (MICROSTEGIUM VIMINEUM) • GROUND IVY (GLECHOMA HEDERACEA) • WHITE MULBERRY (MORUS ALBA) • SIBERIAN ELM (ULMUS PUMILA) HONEYSUCKLE VINES (LONICERA JAPONICA) • HONEYSUCKLE SHRUBS (LONICERA SPP.) COMMON PERIWINKLE (VINCA MINOR) • MILE-A-MINUTE (PERSICARIA PERFOLIATA) • CHINESE WISTERIA (WISTERIA SINENSIS) • WINTER CREEPER (EUONYMUS FORTUNEI)

NNI LOCATION ON THE SITE IS GENERALLY ON THE PERIPHERY, INCLUDING THE EDGES OF THE WOODLAND PRESERVATION AND AFFORESTATION AREAS. FREQUENT MOWING HAS KEPT THE LANDSCAPED PORTION OF THE SITE RELATIVELY FREE OF INVASIVES. THE EXCEPTION IS THE NORTHEAST CORNER OF THE TERRACED GARDEN WHERE A SIBERIAN ELM AND WISTERIA VINES HAVE BECOME QUITE ESTABLISHED.

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 GUIDANCE 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 PALNNING AND RESOURCE STEWARDSHIP DIVISION, MONTGOMERY COUNTY DEPARTMENT OF PARKS, M-NCPPC AND CAN BE FOUND AT:
- HTTP://WWW.MONTGOMERYPARKS.ORG/PPSD/NATURAI_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
- 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 TWICE 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

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
- 15. DUE TO THE EXTENT OF THE INFESTATION THROUGHOUT THE SITE, FOR GRASSES AND FORBS THE GOAL OF MANAGEMENT SHOULD BE CONTROL RATHER THAN ERADICATION. WHERE MULCH IS TO BE APPLIED, REMOVE GRASSES AND FORBS EITHER THROUGH HAND PULLING, CUTTING TO SOIL LEVEL WITH A STRING TRIMMER, OR BY APPLICATION OF A GRASS-SPECIFIC HERBICIDE BY A LICENSED APPLICATOR. FOLLOWING APPLICATION OF MULCH, NNI SPROUTS SHOULD BE REMOVED BY HAND TWICE ANNUALLY PRIOR TO SEED SET. IN

NON-MULCHED AREAS, REMOVAL METHODS CREATE AN UNACCEPTABLE LEVEL OF SOIL DISTURBANCE DUE TO THE DENSITY OF NNI. THESE AREAS SHOULD BE MOWED ROUTINELY ALONG WITH TURFGRASS TO MINIMIZE SEED PRODUCTION. THIS IS PARTICULARLY IMPORTANT ON THE SLOPED AREAS ON THE NORTH AND SOUTH BOUNDARIES OF THE SITE.

- 16. THE AFFORESTATION AND WOODLAND PRESERVATION AREAS PRESENT A SPECIAL CASE, AS THEY ARE TO BE MAINTAINED AS NATURAL AREAS. THE BULK OF NNI INFESTATION IS ALONG THE EDGES AND IN THE MORE OPEN AREAS TOWARDS THE NORTHEAST OF THE SITE. THE INTERIOR OF THE FOREST RETENTION AREA IS GENERALLY TOO DENSELY SHADED FOR NNI TO OVERTAKE NATIVE PLANTS. WHERE NNI REMOVAL ALONG THE EDGES CREATES GAPS, REPLANT IN FALL WITH NATIVE VEGETATION TYPICAL OF EDGE AREAS (E.G. SASSAFRAS ALBIDUM, RHUS TYPHINA, ROBINIA PSEUDOACACIA). RECOMMENDED STOCK SIZE IS #2 CONTAINER. PLANTING SHOULD BE DENSE ENOUGH TO FILL GAPS WITHIN FIVE YEARS.
- 17. TIMING OF NNI CONTROL WILL BE CARRIED OUT IN ACCORDANCE WITH FUTURE DEVELOPMENT PLANS

PREPARED BY: CENE KETCHAM

DATE:

QUALIFICATION: <u>ISA CERTIFIED ARBORIST MA-5812A</u>, <u>MARYLAND</u>

JANUARY 14, 2020.

QUALIFIED PROFESSIONAL

ISA No. MA-5812

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	Арр. Ву	MK						
	Rev. By	ð						
REVISIONS							SCALE: NTS	
REVIS	Description	REVISED GRADING					DATE: January 14, 2020	
	No. Date	10/19/2020					E: Janua	
	No.	· -					DAT	
Horiz	Horizontal Datum: NAD 83							
Verti	Vertical Datum: NAVD 88							
	Boundary and Topo Source: BOHLER ENGINEERING							
Des	Design Draft Approved							
Cl	K	(CK		MK			

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2 - 036-99

REASON FOR REVISION

	J.P. MARKOVICH	10/30/00	4-98076	
	R. PORTER INGRUM	02/20/03	DSP-0203	REVISED LAYOUT
	LORI SHIRLEY	04/07/05	SDP-0203-01	REVISED LAYOUT
	LORI SHIRLEY	06/17/05		REVISED LAYOUT
	K.I, FINCH	08/09/05	SDP-0405	PARCEL 2E
	LORI SHIRLEY	02/28/06	SDP-0402	LOT 5 BLOCK5
	K. SHOULARS	03/04/09	DSP-06096	LOT 1 BLOCK2
	K. SHOULARS	09/22/08	DSP-07072	BLOCK 3 LOTS 1-2
	K. SHOULARS	10/08/09	DSP-07031	MELFORD POD 6 LOTS 1-
	K. SHOULARS	10/17/11	DSP-11018	MELFORD PONDS 1-2
	K.I. FINCH	06/21/13	DSP-11018-01 DSP-11018-02	REVISED LAYOUT
	K.I. FINCH	04/14/17	DSP-17020	INFRASTRUCTURE
)	K.I, FINCH	01/31/19	DSP-18007	ASPEN
	K,I. FINCH	07/26/19	DSP-18026	RETAIL
	K.I, FINCH	10/11/19	DSP-18034	TOWN HOUSES
	K.I. FINCH	09/04/20	DSP-19052	MANSIONS, VARIANCE TO REMOVE TREE X AT DIRECTOR LEVEL
	Kim A. Finch	5/10/2021	DSP-07031-04	LOT 5 POD 6

DATE DRD#

APPLICATION NAME: MELFORD PROPERTY POD 6 APPLICATION NO.: DSP-07031-04 TCP NO.: TCPII-036-99-16 SIGNATURE APPROVAL DATE: Jill Digitally signed by Jill Kosack

Kosack Date: 2021.05.20 AUTHORIZED SIGNATURE

Sheet #

Computer File Name:

MD1128.05_melford_house_vmp_20201019.dwg

REVISIONS COMMENT 1 | 1/15/2020 | PER COMMENTS

M *****



CONSTRUCTION DRAWN BY: CHECKED BY:

MELFORD VILLAGE

SCALE:

CAD I.D.

ST. JOHN **PROPERTIES**

LOCATION OF SITE THE MELFORD VILLAGE BOWIE, **M**D 20715 PRINCE GEORGE'S COUNTY **ELECTION DISTRICT NO. 7**

BOHLER ENGINEERING ENGINEERIN 16701 MELFORD BLVD , SUITE 310 **BOWIE, MARYLAND 20715** Phone: (301) 809-4500



MANAGEMENT

LICENSE NO. 3066, EXPIRATION DATE: 10/18/20

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