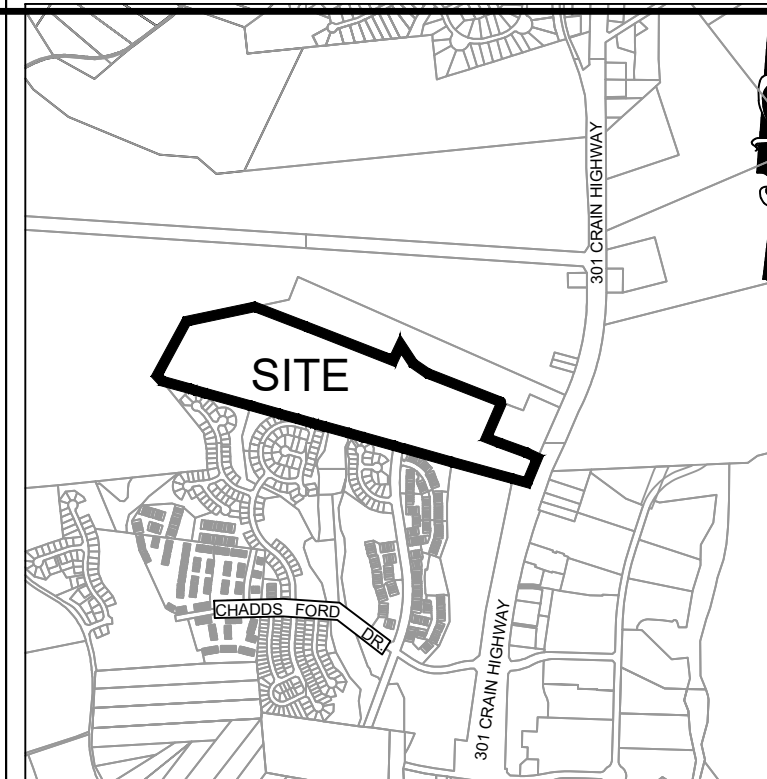


# CALM RETREAT TYPE 2 TREE CONSERVATION PLAN

11th ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY, MARYLAND



VICINITY MAP  
SCALE: 1" = 2,000'  
Prince George's Co. PAGE: 5882 GRID: H5, J5, K5  
H6, J6, K6

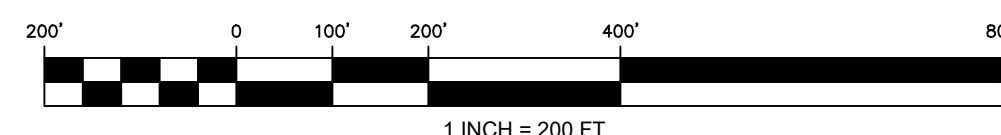
## LEGEND:

- EX. BOUNDARY LINE
- EX. LOT LINE
- EX. ESMT
- EX. BLDG
- EX. SIDEWALK
- EX. PARKING STRIPING
- EX. 10' CONTOUR LINE
- EX. 2' CONTOUR LINE
- EX. TREES
- EX. WATER
- EX. SEWER
- EX. STORM DRAIN
- EX. WETLAND
- EX. WETLAND BUFFER
- EX. PRIMARY MGMT AREA / STREAM BUFFER
- EX. FLOODPLAIN
- EX. FLOODPLAIN BRL
- EX. UNMITIGATED 65 DB LINE
- PR. LIMIT OF DISTURBANCE
- PR. R.O.W.
- PR. LOT LINE
- PR. BLDG
- PR. SIDEWALK
- PR. PARKING STRIPING
- PR. FACE OF CURB
- PR. BACK OF CURB
- PR. ROAD PAVEMENT
- PR. SEWER
- PR. WATER
- PR. STORM DRAIN
- PR. PUE
- PR. EASEMENT
- PR. WOOD FENCE
- PR. ORNAMENTAL FENCE
- REQUIRED LOT DEPTH

X SPECIMEN TREE TO BE REMOVED

- WOODLAND CLEARED (WCA)
- WOODLAND PRESERVATION (WPA)
- WOODLAND REFORESTATION / AFFORESTATION (WRA)
- NATURAL REGENERATION (NRA)
- WOODLAND PRESERVATION - NOT CREDITED (WP-NC)
- WOODLAND CLEARED OFF-SITE (WC-OS)
- PERMANENT TREE PROTECTION FENCE
- TEMPORARY TREE PROTECTION FENCE
- WOODLAND PRESERVATION SIGN
- WOODLAND REFORESTATION / AFFORESTATION SIGN
- WOODLAND PRESERVATION AREAS
- WOODLAND PLANTING AREAS
- WOODLAND RETAINED - NOT CREDITED
- PRIVATE STREET TREE USED FOR CREDIT

## GRAPHIC SCALE



Woodland Summary Table			
Sheet	Number	Acreage	Square Feet
2	Cleared-2	1.36	59,242
2	C-FP-1	0.06	2,504
2	C-FP-2	0.01	439
2	WRA-8	0.29	12,547
2	WRA-9	0.06	2,767
2	WPA-2	0.18	8,039
2	NRA-3	0.03	1,183
2	WP-NC-1	0.01	106
2, 3	WRA-7	0.97	42,108
2, 3	NRA-1	0.30	13,151
5	WRA-5	0.25	10,999
5	WRA-6	0.38	16,540
5	NRA-2	0.23	10,107
7, 8, 9, 10, 11	Cleared-1	31.29	1,362,992
9, 10	WPA-1	1.07	46,670
9, 10	WRA-1	0.34	14,993
10, 11	WRA-2	0.26	11,289
11	WRA-3	0.46	20,228
11	WRA-4	0.16	7,062
11	WRA-10	0.06	2,628
12, 13	C-OS	0.83	36,294

Specimen Tree Table						
Number	Common Name	Scientific Name	DBH (inches)	Condition Rating	Disposition	Condition Comments
1	willow oak	<i>Quercus phellos</i>	36	Fair	Retain	Broken branches, trunk cavities
2	white oak	<i>Quercus alba</i>	32	Good	Remove	Broken branches
3	white oak	<i>Quercus alba</i>	37	Good	Remove	Broken branches
4	white oak	<i>Quercus alba</i>	30	Good	Remove	
5	American beech	<i>Fagus grandifolia</i>	30	Fair	Remove	
6	red maple	<i>Acer rubrum</i>	30	Good	Retain	
7	red maple	<i>Acer rubrum</i>	30	Poor	Retain	Splitting at 4'
8	American sycamore	<i>Platanus occidentalis</i>	35	Fair	Retain	
9	sweetgum	<i>Liquidambar styraciflua</i>	31	Good	Remove	
10	red cedar	<i>Juniperus virginiana</i>	31	Fair	Remove	Leaning, poison ivy vines
11	willow oak	<i>Quercus phellos</i>	35	Good	Remove	
12	sweetgum	<i>Liquidambar styraciflua</i>	30	Good	Remove	
13	willow oak	<i>Quercus phellos</i>	30	Good	Remove	
14	willow oak	<i>Quercus phellos</i>	37	Fair	Remove	Dead branches
15	red maple	<i>Acer rubrum</i>	33	Good	Remove	
16	red maple	<i>Acer rubrum</i>	34	Good	Retain	
17	red maple	<i>Acer rubrum</i>	30	Good	Retain	
18	white oak	<i>Quercus alba</i>	35	Good	Retain	
19	blackgum	<i>Nyssa sylvatica</i>	35	Good	Retain	
20	American beech	<i>Fagus grandifolia</i>	31	Fair	Remove	Trunk damage at base

Note:  
This plan is in accordance with the following variance from the strict requirements of Subtitle 25-122(b)(1) (G), approved by the Planning Director on May 27, 2020 for the removal of the following 12 specimen trees: ST-2, a 32-inch White Oak, ST-3, a 37-inch White Oak, ST-4, a 30-inch White Oak, ST-5, a 30-inch American Beech, ST-9, a 31-inch Sweet Gum, ST-10, a 31-inch Red Cedar, ST-11, a 35-inch Willow Oak, ST-12, a 30-inch Sweetgum, ST-13, a 30-inch Willow Oak, ST-14, a 37-inch Willow Oak, ST-15, a 33-inch Red Maple, and ST-20, a 31-inch American Beech.\*

Soils Table					
Map Unit Symbol	Map Unit Name	K-Factor	Hydric Rating	Hydrologic soil group	Drainage Class
ApA*	Aquasco silt loam, 0 to 2 percent slopes, occasionally ponded	0.49	No	D	Somewhat poorly drained
BaB	Beltville silt loam, 2 to 5 percent slopes	0.37	Hydric Inclusions	C	Moderately well drained
BaC*	Beltville silt loam, 5 to 10 percent slopes	0.43	No	C	Moderately well drained
BuB	Beltville-Urban land complex, 0 to 5 percent slopes	0.37	Hydric Inclusions	C	Moderately well drained
DoB	Downer-Hamilton complex, 2 to 5 percent slopes	0.1	No	A	Well drained
DoC*	Downer-Hamilton complex, 5 to 10 percent slopes	0.1	No	A	Well drained
GwD	Grosstown-Woodstown-Beltville complex, 5 to 15 percent slopes	0.37	Hydric Inclusions	C	Moderately well drained
HgB	Hoghole-Grosstown complex, 0 to 5 percent slopes	0.02	No	A	Well drained
Is	Issue silt loam, occasionally flooded	0.37	No	B/D	Somewhat poorly drained
LQA	Lenni and Quindocqua soils, 0 to 2 percent slopes	0.43	Yes	C/D	Poorly drained
LsA	Leonardtown silt loam, 0 to 2 percent slopes, frequently ponded	0.37	Yes	D	Poorly drained
WdaA	Woodstown sandy loam, 0 to 2 percent slopes, Northern Coastal Plain	0.15	No	C	Moderately well drained

\*Farmland of State Importance

General Information Table		
Layer Category	Layer Name	Value
Zone	Zoning (Zone)	M-X-1
Zone	Aviation Policy Area (APA)	
Administrative	Tax Grid (TMG)	154-E2
Administrative	WSSC Grid (Sheet 20)	219SE07
Administrative	Planning Area (Plan Area)	70
Administrative	Election District (ED)	11
Administrative	Councilmanic District (CD)	9
Administrative	General Plan 2002 Tier (Tier)	Developing
Administrative	Traffic Analysis Zone (COG) (TAZ-COG)	1402
Administrative	Traffic Analysis Zone (PG County) (TAZ-PG)	2647

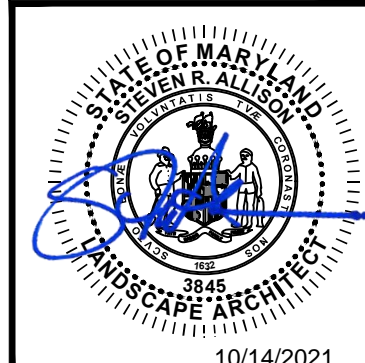
Site Statistics		Total
Gross Tract Area		72.10 AC
Existing 100-year floodplain		0.77 AC
Net tract area		71.33 AC
Existing woodland in the floodplain		0.19 AC
Existing woodland net tract		33.81 AC
Existing woodland total		34.00 AC
Existing PMA		2.09 AC
Regulated streams (linear feet of centerline)		748 LF
Riparian (wooded) buffer up to 300 feet wide		1.89 AC

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
00 C Schneider	5/27/2020		
01			
02			
03			
04			
05			
06			
07			
08			

## PROFESSIONAL CERTIFICATION

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

LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23



REVISION	DATE	REVISION	DATE	REVISION	DATE

## OWNER/DEVELOPER:

CALM RETREAT, LLC.  
10100 Business Parkway  
Lanham, MD 20706  
Attn: Kenneth Michael  
Phone: 301-459-4400  
kmichael@naimichaels.com

## CALM RETREAT

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

## RODGERS CONSULTING

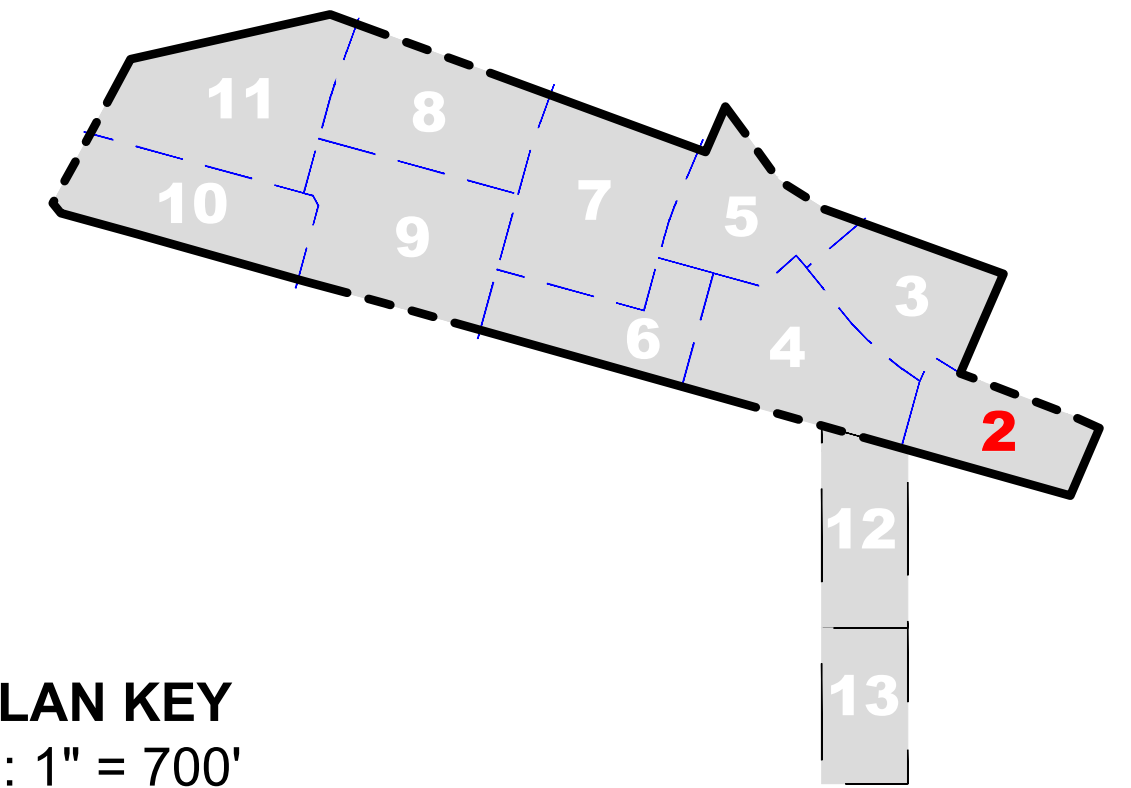
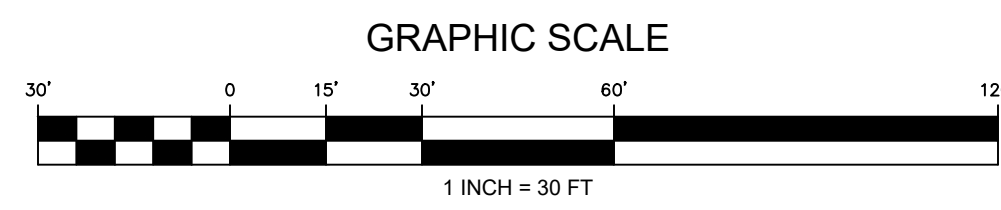
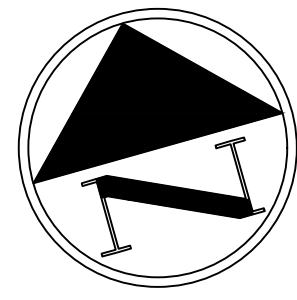
1101 Mercantile Ln, Suite 280, Largo, Maryland 20774  
Ph: 301.948.4700 Fx: 301.948.6256 www.rodgers.com

BY DATE		
BASE DATA	BASE DATA	BASE DATA
DESIGNED	SRA	12/2020
DRAWN	SRA/STAFF	12/2020
REVIEWED	SRA	01/2021
RODGERS CONTACT:		
RELEASE FOR		
BY: _____	DATE: _____	

## TYPE 2 TREE CONSERVATION PLAN

SCALE: 1"=200'
JOB No. 0750G
DATE: April 2021
SHEET No. 1 of 15





SITE PLAN KEY  
SCALE: 1" = 700'

- LEGEND:
- EX. BOUNDARY LINE
  - EX. LOT LINE
  - EX. ESMT
  - EX. BLDG
  - EX. SIDEWALK
  - EX. PARKING STRIPING
  - EX. 10' CONTOUR LINE
  - EX. 2' CONTOUR LINE
  - EX. TREES
  - EX. WATER
  - EX. SEWER
  - EX. STORM DRAIN
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  - EX. WETLAND BUFFER
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  - PR. ORNAMENTAL FENCE
  - REQUIRED LOT DEPTH
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- WOODLAND PRESERVATION AREAS
- WOODLAND PLANTING AREAS
- WOODLAND RETAINED - NOT CREDITED
- PRIVATE STREET TREE USED FOR CREDIT

WRA-7  
0.97 AC  
47 - AR  
36 - IO  
36 - NS  
45 - LT  
36 - PT  
45 - QP  
45 - QA

NRA-1  
0.28 Ac

C-FP-2  
0.06 Ac

WPA-2  
0.20 Ac

Cleared-2  
1.44 Ac

PHASE 2  
COMMERCIAL

WRA-8  
0.29 AC  
15 - AR  
10 - IO  
10 - NS  
15 - LT  
10 - PT  
13 - QP  
13 - QA

NRA-3  
0.03 Ac

WRA-9  
0.06 AC  
4 - AR  
2 - IO  
2 - NS  
3 - LT  
2 - PT  
3 - QP  
3 - QA

WP-NC-1  
0.01 Ac

C-FP-1  
0.01 Ac

MATCHLINE TO PAGE 3

MATCHLINE TO PAGE 4

MATCHLINE TO PAGE 12

CRAIN HIGHWAY  
(US Route 301)  
Public R/W (Width Varies)  
Dedicated By Plat No. 51646

CALM RETREAT BLVD  
120' PUBLIC R/W

UNMITIGATED GROUND LEVEL 65 dBA  
91' FROM CENTERLINE OF A-55

UNMITIGATED GROUND LEVEL 65 dBA  
91' FROM CENTERLINE OF A-55

150' LOT DEPTH FROM P.O.W. OF A-55

Outlot 8  
"Brandywine Village"  
P.B.245 P.N.84  
Zone: L-A-C  
Use: Vacant

REVISION	DATE	REVISION	DATE	REVISION	DATE

OWNER/DEVELOPER:  
CALM RETREAT, LLC.  
10100 Business Parkway  
Lanham, MD 20706  
Attn: Kenneth Michael  
Phone: 301-459-4400  
kmichael@naimichaels.com

CALM RETREAT  
ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

RODGERS  
CONSULTING  
1101 Mercantile Ln, Suite 280, Largo, Maryland 20774  
Ph: 301.948.4700 Fx: 301.948.6356 www.rodgers.com

BY	DATE
BASE DATA	BASE DATA
DESIGNED	SRA 12/2020
DRAWN	SRA/STAFF 12/2020
REVIEWED	SRA 01/2021
RODGERS CONTACT:	
RELEASE FOR	
BY	DATE

TYPE 2  
TREE CONSERVATION PLAN

SCALE: 1" = 30'  
JOB No. 0750G  
DATE: April 2021  
SHEET No. 2 of 15

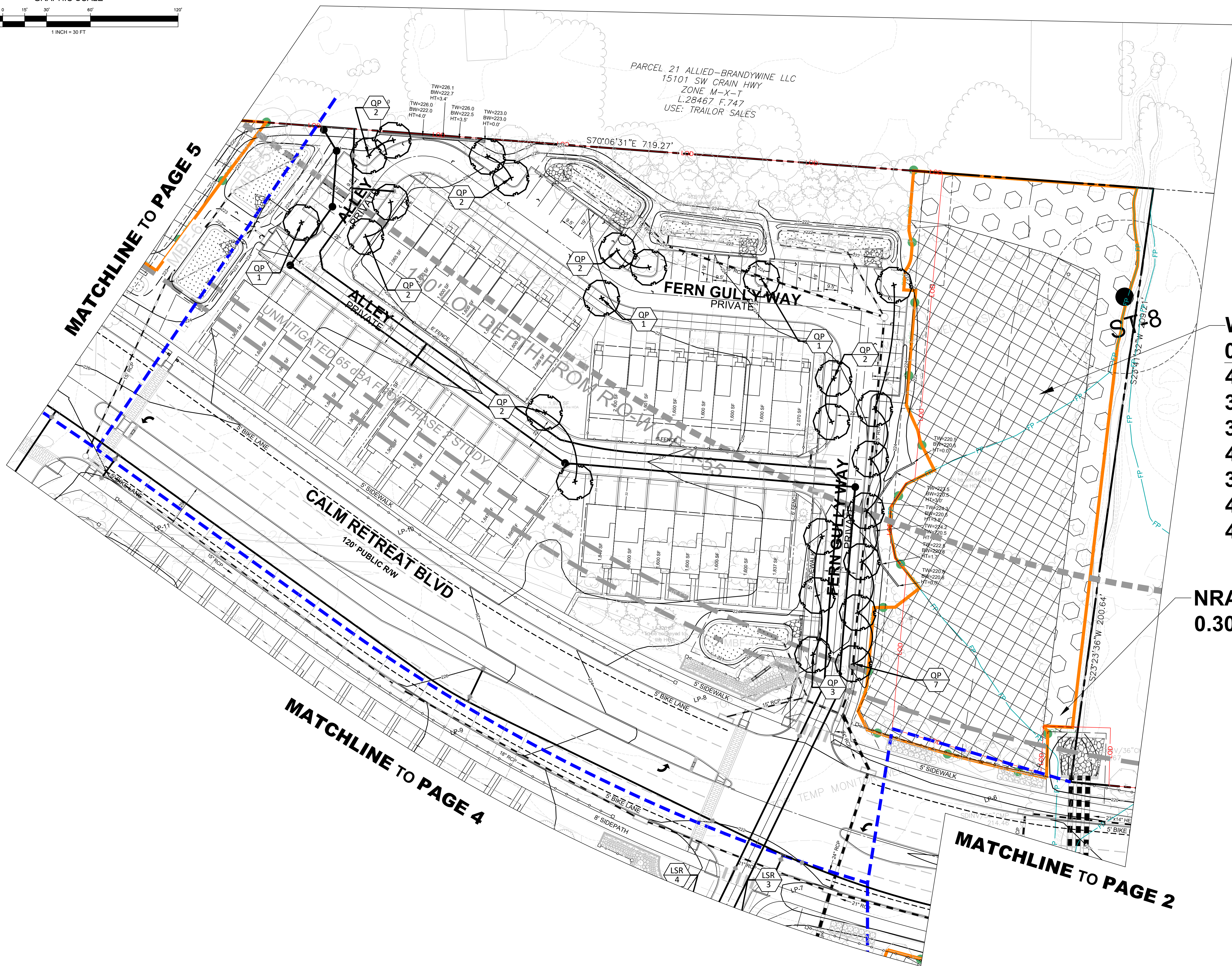
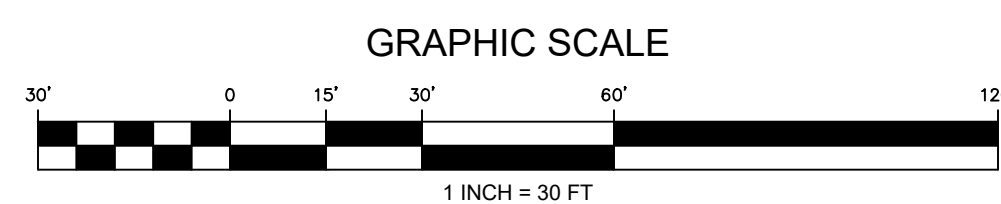
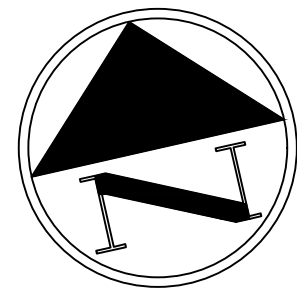
Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
C Schneider	5/27/2020		

Property Owners Awareness Certificate  
I have read and understand the contents of the Type 2 Tree Conservation Plan (TCP2) and I am a duly licensed professional landscape architect under the laws of the State of Maryland.  
Owner or Owner's Representative:   Date:  

PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23







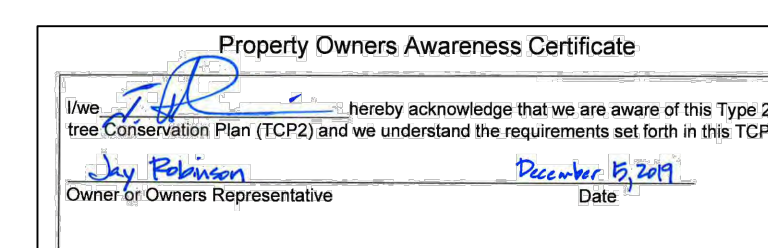
SITE PLAN KEY  
SCALE: 1" = 700'

- LEGEND:
- EX. BOUNDARY LINE
  - EX. LOT LINE
  - EX. ESMT
  - EX. BLDG
  - EX. SIDEWALK
  - EX. PARKING STRIPING
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WRA-7  
0.97 AC  
47 - AR  
36 - IO  
36 - NS  
45 - LT  
36 - PT  
45 - QP  
45 - QA

NRA-1  
0.30 Ac

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
00	C Schneider	5/27/2020	
01			
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08			



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LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23



REVISION	DATE	REVISION	DATE	REVISION	DATE

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**CALM RETREAT**

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

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RELEASE FOR	
BY	DATE

## TYPE 2 TREE CONSERVATION PLAN

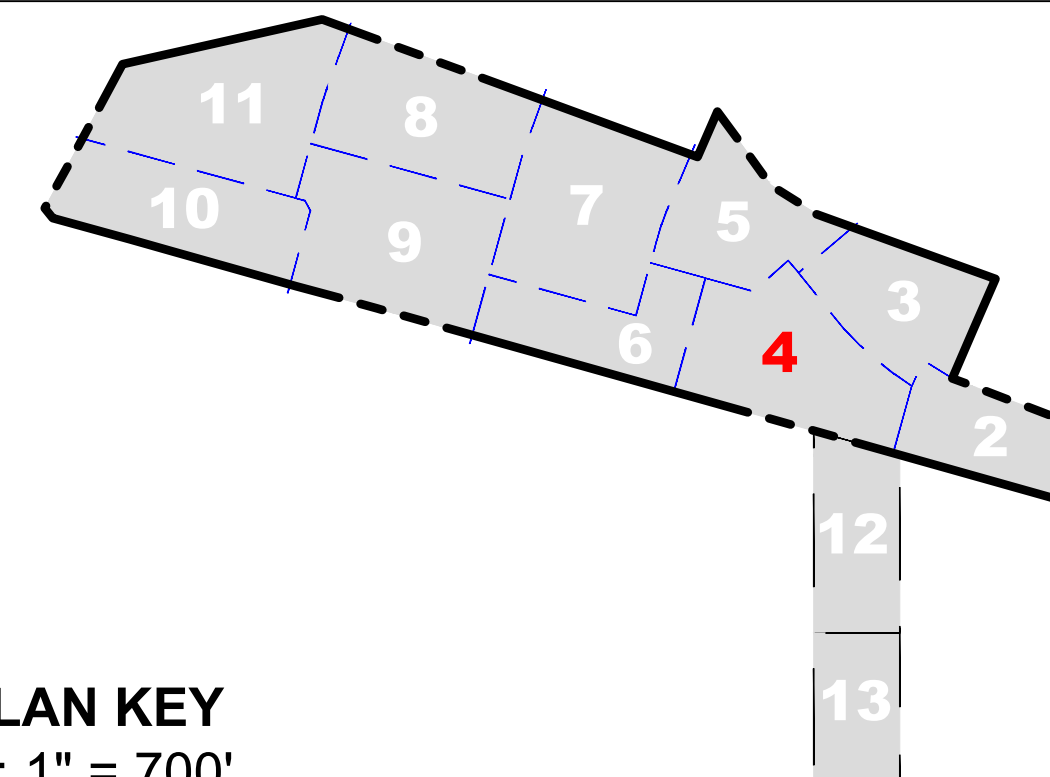
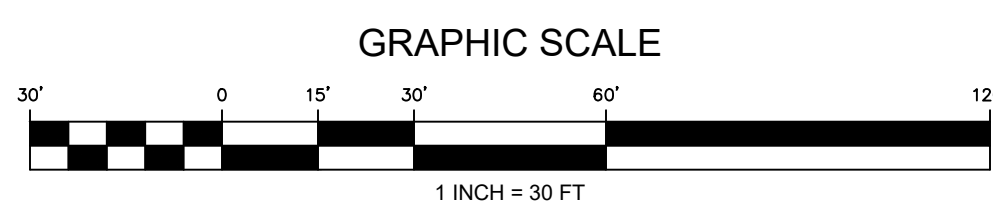
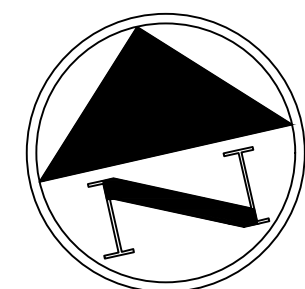
SCALE: 1" = 30'

JOB No. 0750G

DATE: April 2021

SHEET No. 3 of 15



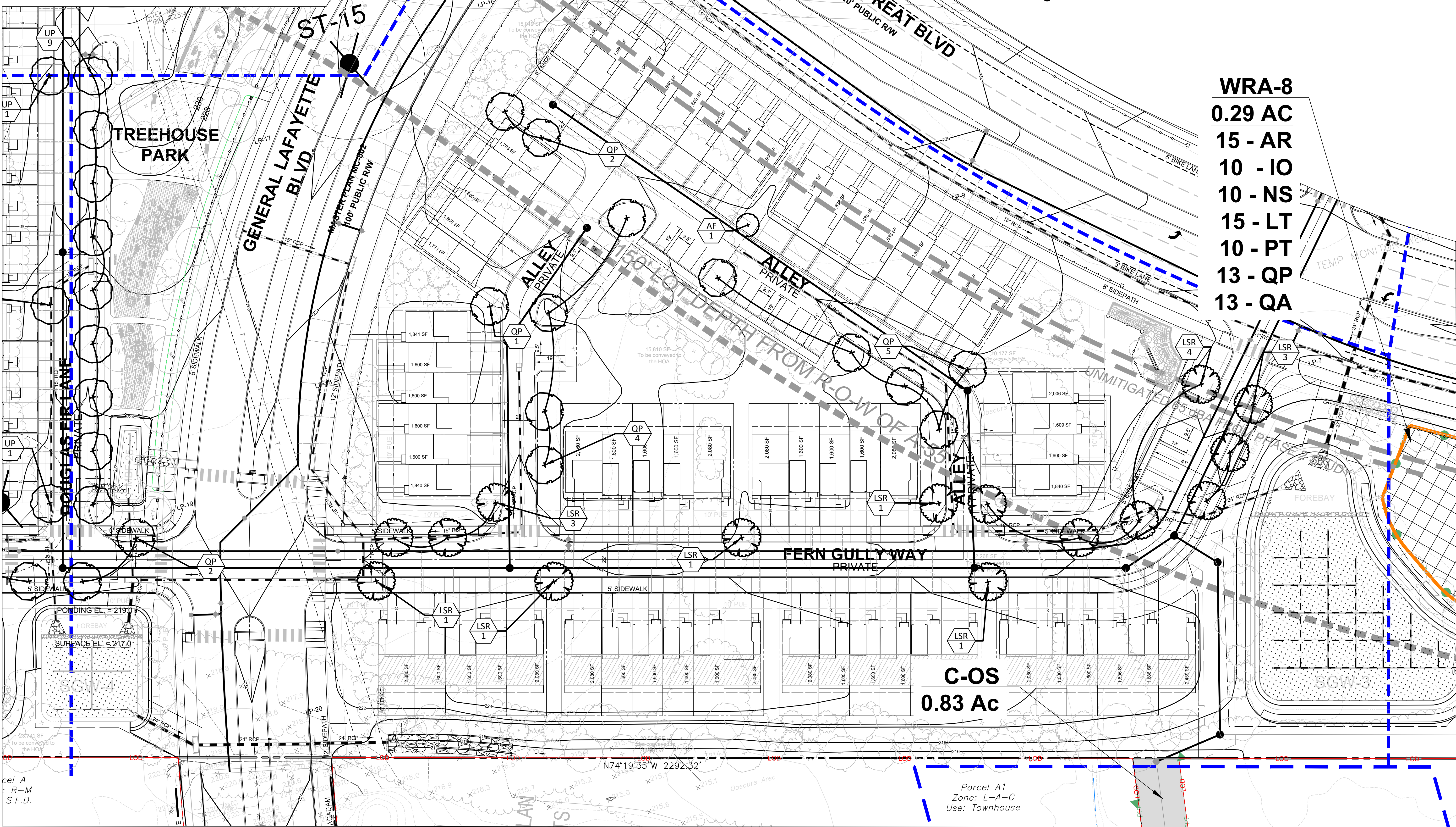


SITE PLAN KEY  
SCALE: 1" = 700'

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  - EX. 10' CONTOUR LINE
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MATCHLINE TO PAGE 6



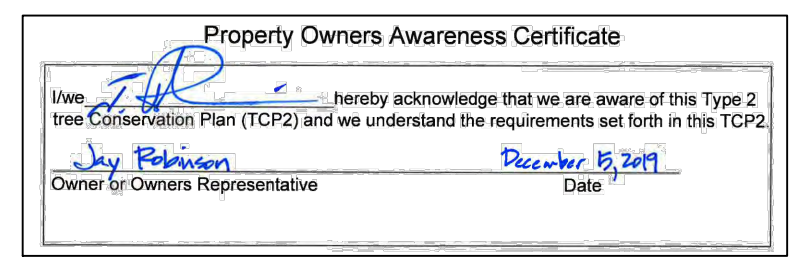
MATCHLINE TO PAGE 2

WRA-8  
0.29 AC  
15 - AR  
10 - IO  
10 - NS  
15 - LT  
10 - PT  
13 - QP  
13 - QA

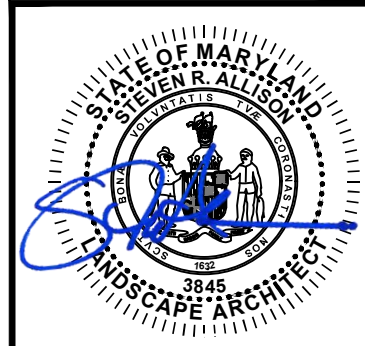
C-OS  
0.83 Ac

MATCHLINE TO PAGE 12

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
00	C Schneider	5/27/2020	
01			
02			
03			
04			
05			
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PROPERTY OWNERS AWARENESS CERTIFICATE  
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OWNER/DEVELOPER:  
CALM RETREAT, LLC.  
10100 Business Parkway  
Lanham, MD 20706  
Attn: Kenneth Michael  
Phone: 301-459-4400  
kmichael@naimichaels.com

CALM RETREAT

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

RODGERS  
CONSULTING

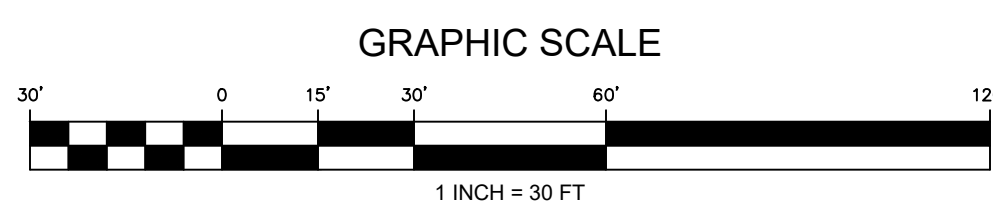
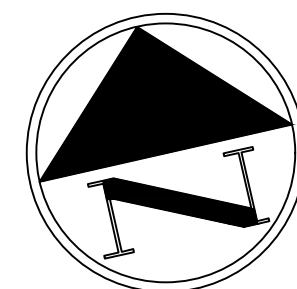
1101 Mercantile Ln, Suite 280, Largo, Maryland 20774  
Ph: 301.948.4700 Fx: 301.948.6356 www.rodgers.com

BASE DATA	BY	DATE
DESIGNED	SRA	12/2020
DRAWN	SRA/STAFF	12/2020
REVIEWED	SRA	01/2021
RODGERS CONTACT:		
RELEASE FOR		
BY: _____	DATE: _____	

TYPE 2  
TREE CONSERVATION PLAN

SCALE: 1" = 30'
JOB No. 0750G
DATE: April 2021
SHEET No. 4 of 15

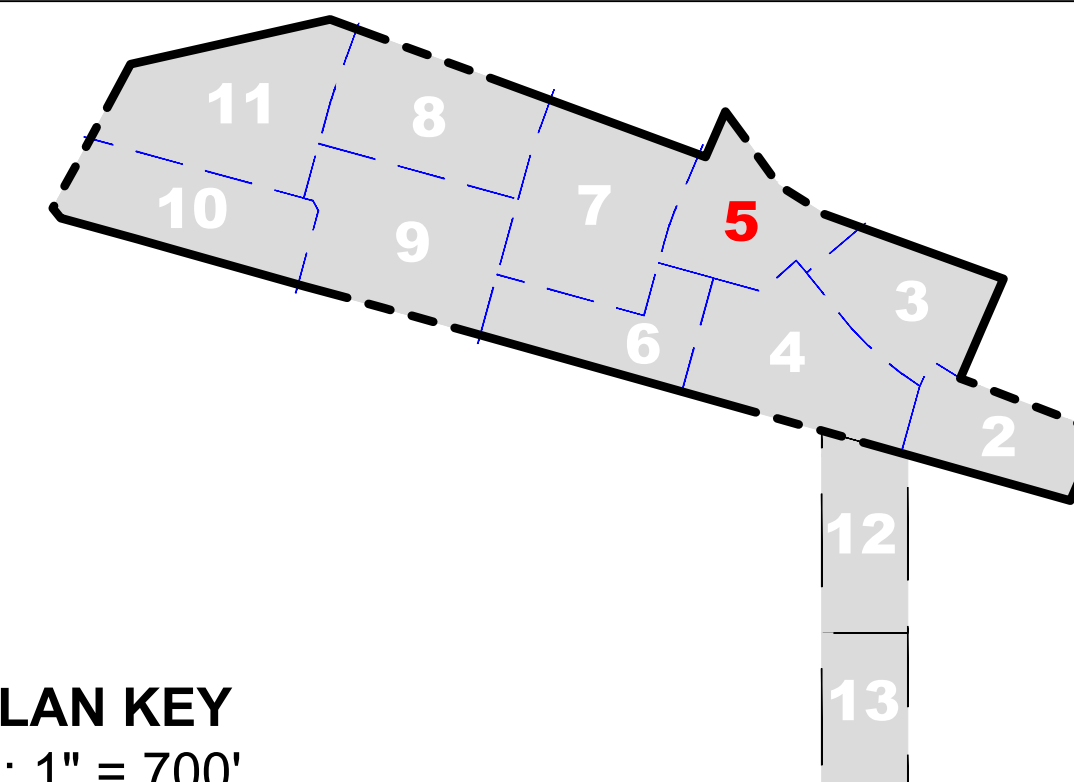




WRA-5  
0.25 AC  
14 - AR  
8 - IO  
8 - NS  
14 - LT  
8 - PT  
12 - QP  
12 - QA

NRA-2  
0.23 Ac

WRA-6  
0.38 AC  
20 - AR  
13 - IO  
13 - NS  
20 - LT  
13 - PT  
17 - QP  
17 - QA

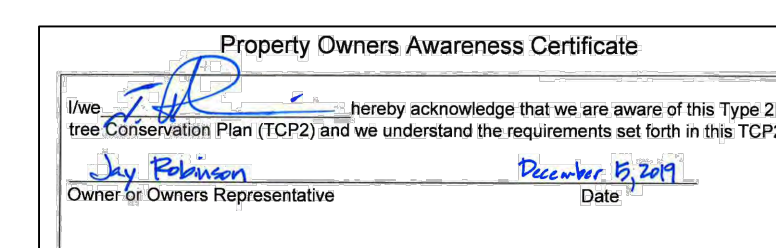


SITE PLAN KEY  
SCALE: 1" = 700'

- LEGEND:
- EX. BOUNDARY LINE
  - EX. LOT LINE
  - EX. ESMT
  - EX. BLDG
  - EX. SIDEWALK
  - EX. PARKING STRIPING
  - EX. 10' CONTOUR LINE
  - EX. 2' CONTOUR LINE
  - EX. TREES
  - EX. WATER
  - EX. SEWER
  - EX. STORM DRAIN
  - EX. WETLAND
  - EX. WETLAND BUFFER
  - EX. PRIMARY MGMT AREA/ STREAM BUFFER
  - EX. STREAM
  - EX. FLOODPLAIN
  - EX. PRIMARY MGMT AREA/ FLOODPLAIN
  - EX. FLOODPLAIN BRL
  - EX. POND
  - EX. UNMITIGATED 65 DB LINE
  - PR. LIMIT OF DISTURBANCE
  - PR. R.O.W.
  - PR. LOT LINE
  - PR. BLDG
  - PR. SIDEWALK
  - PR. PARKING STRIPING
  - PR. FACE OF CURB
  - PR. BACK OF CURB
  - PR. ROAD PAVEMENT
  - PR. SEWER
  - PR. WATER
  - PR. STORM DRAIN
  - PR. PUE
  - PR. EASEMENT
  - PR. WOOD FENCE
  - PR. ORNAMENTAL FENCE
  - REQUIRED LOT DEPTH

- X SPECIMEN TREE TO BE REMOVED
- WOODLAND CLEARED (WCA)
- WOODLAND PRESERVATION (WPA)
- WOODLAND REFORESTATION/ AFFORESTATION (WPA)
- NATURAL REGENERATION (NRA)
- WOODLAND PRESERVATION - NOT CREDITED (WP-NC)
- WOODLAND CLEARED OFF-SITE (WC-OS)
- PERMANENT TREE PROTECTION FENCE
- TEMPORARY TREE PROTECTION FENCE
- WOODLAND PRESERVATION SIGN
- WOODLAND REFORESTATION/ AFFORESTATION SIGN
- WOODLAND PRESERVATION AREAS
- WOODLAND PLANTING AREAS
- WOODLAND RETAINED - NOT CREDITED
- PRIVATE STREET TREE USED FOR CREDIT

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
C. Schneider	5/27/2020		
01			
02			
03			
04			
05			
06			
07			
08			



PROFESSIONAL CERTIFICATION  
I, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23  
10/14/2021



REVISION	DATE	REVISION	DATE	REVISION	DATE

OWNER/DEVELOPER:  
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10100 Business Parkway  
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Attn: Kenneth Michael  
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kmichael@naimichaels.com

CALM RETREAT  
ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

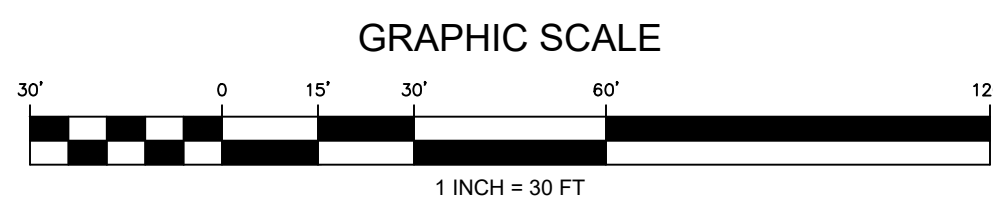
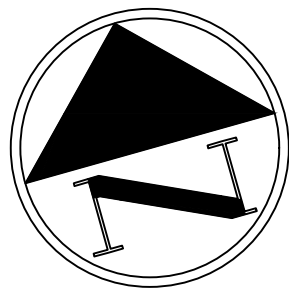
RODGERS  
CONSULTING  
1101 Mercantile Ln, Suite 280, Largo, Maryland 20774  
Ph: 301.948.4700 Fax: 301.948.6356 www.rodgers.com

BASE DATA	BY	DATE
DESIGNED	SRA	12/2020
DRAWN	SRA/STAFF	12/2020
REVIEWED	SRA	01/2021
RODGERS CONTACT:		
RELEASE FOR		
BY: _____	DATE: _____	

TYPE 2  
TREE CONSERVATION PLAN

SCALE: 1" = 30'
JOB No. 0750G
DATE: April 2021
SHEET No. 5 of 15



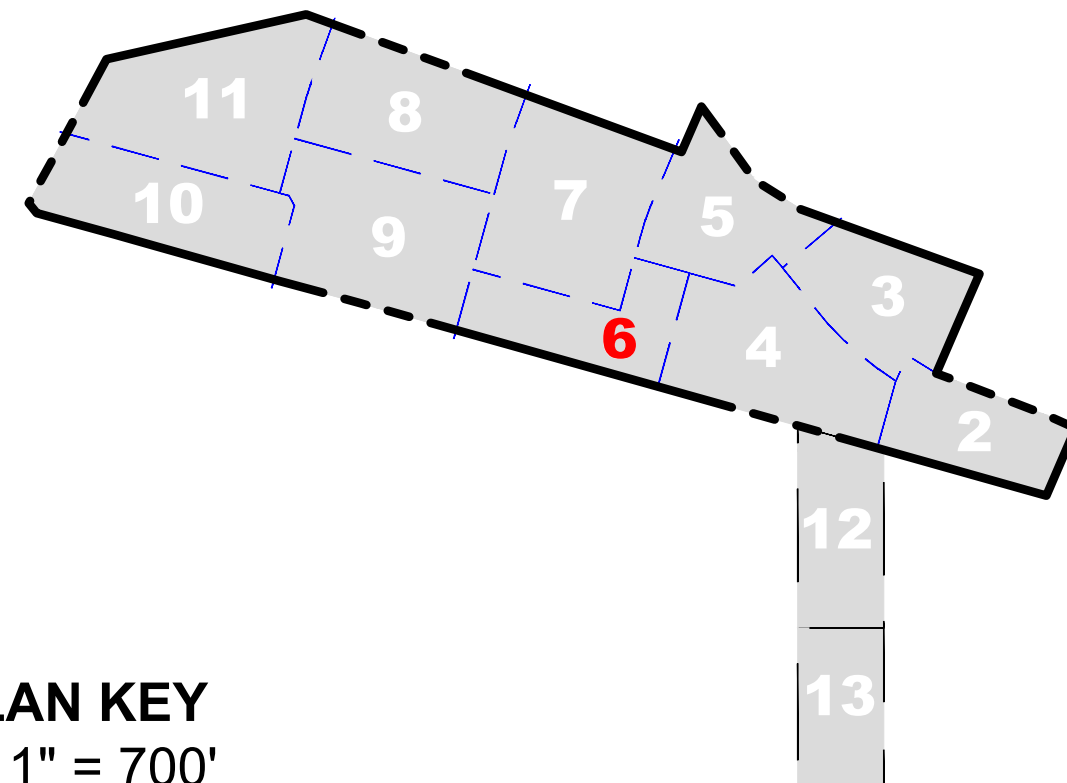
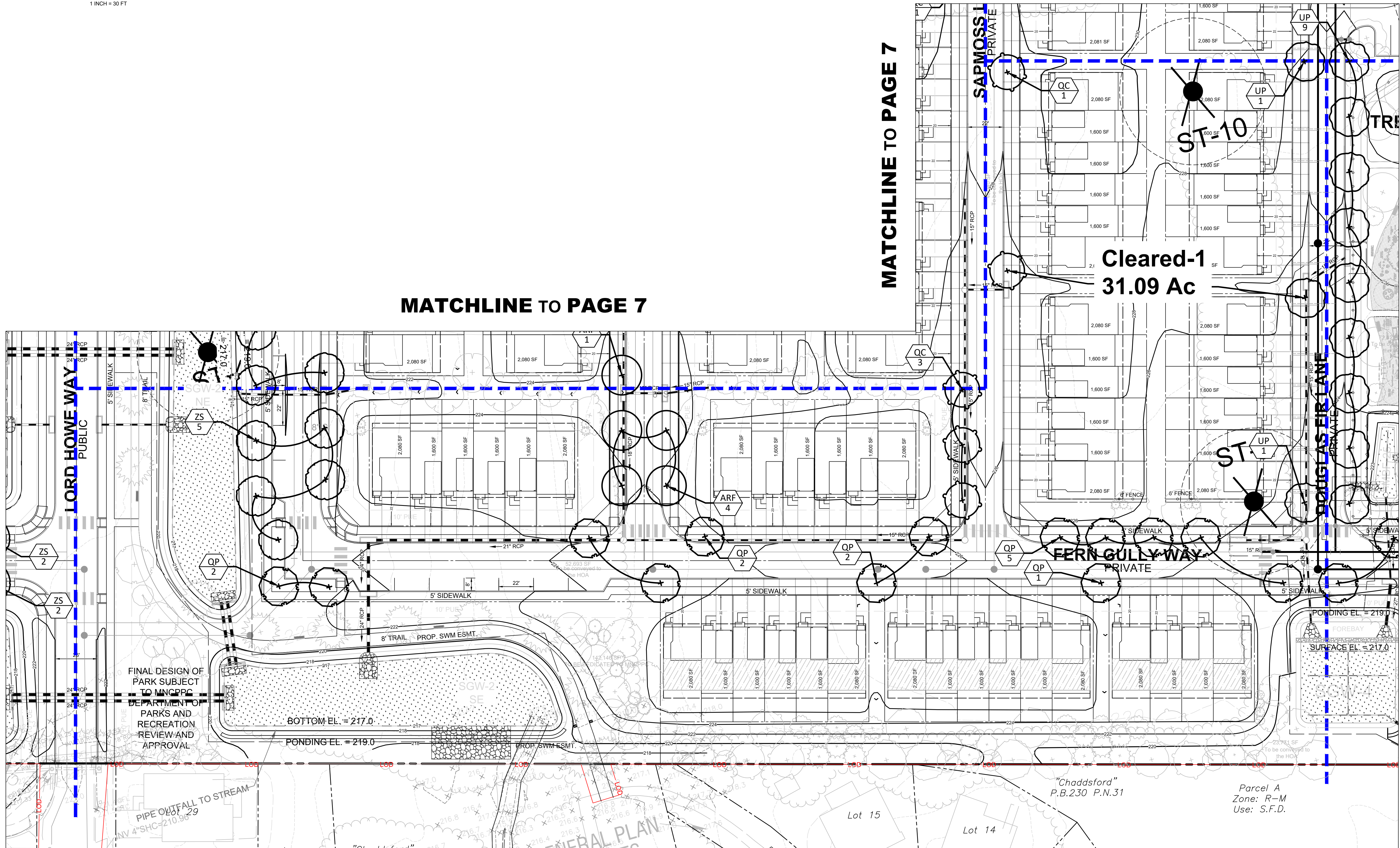


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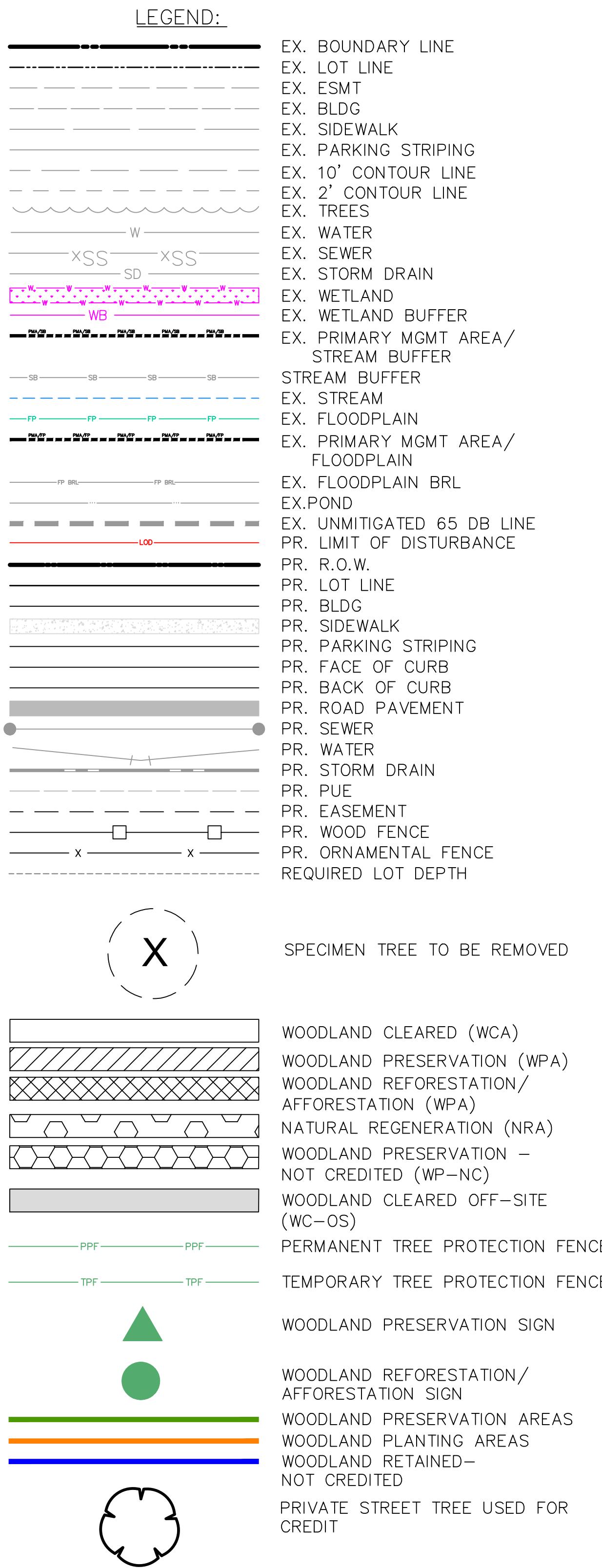
MATCHLINE TO PAGE 7

MATCHLINE TO PAGE 7

MATCHLINE TO PAGE 9



SITE PLAN KEY  
SCALE: 1" = 700'



MATCHLINE TO PAGE 4

Prince George's County Planning Department, M-NCPPC  
Environmental Planning Section  
TYPE 2 TREE CONSERVATION PLAN APPROVAL  
TCP2-009-2020

Approved by	Date	DRD #	Reason for Revision
C Schneider	5/27/2020		

Property Owners Awareness Certificate

I, Calvin Retreat, LLC, hereby acknowledge that we are aware of this Type 2 Tree Conservation Plan (TCP2) and we understand the requirements set forth in this TCP2.

Owner by Owners Representative: Calvin Retreat, LLC Date: December 13, 2021

PROFESSIONAL CERTIFICATION

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

LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23



REVISION	DATE	REVISION	DATE	REVISION	DATE

OWNER/DEVELOPER:

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kmichael@naimichaels.com

CALM RETREAT

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

RODGERS CONSULTING

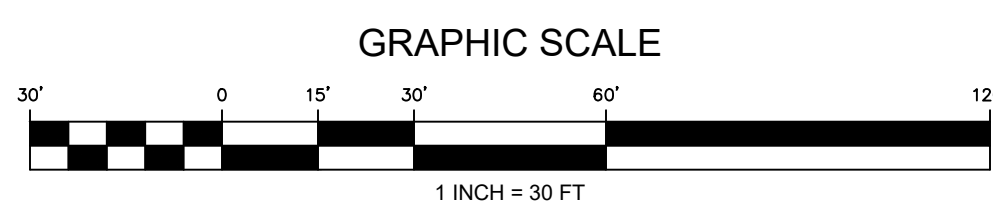
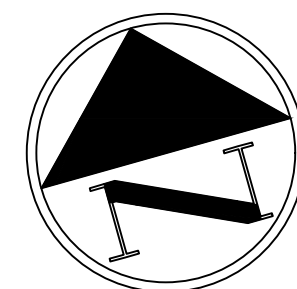
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Ph: 301.948.4700 Fx: 301.948.6256 www.rodgers.com

BY	DATE
BASE DATA	BASE DATA
DESIGNED	SRA 12/2020
DRAWN	SRA/STAFF 12/2020
REVIEWED	SRA 01/2021
RODGERS CONTACT:	
RELEASE FOR	
BY: _____	DATE: _____

TYPE 2  
TREE CONSERVATION PLAN

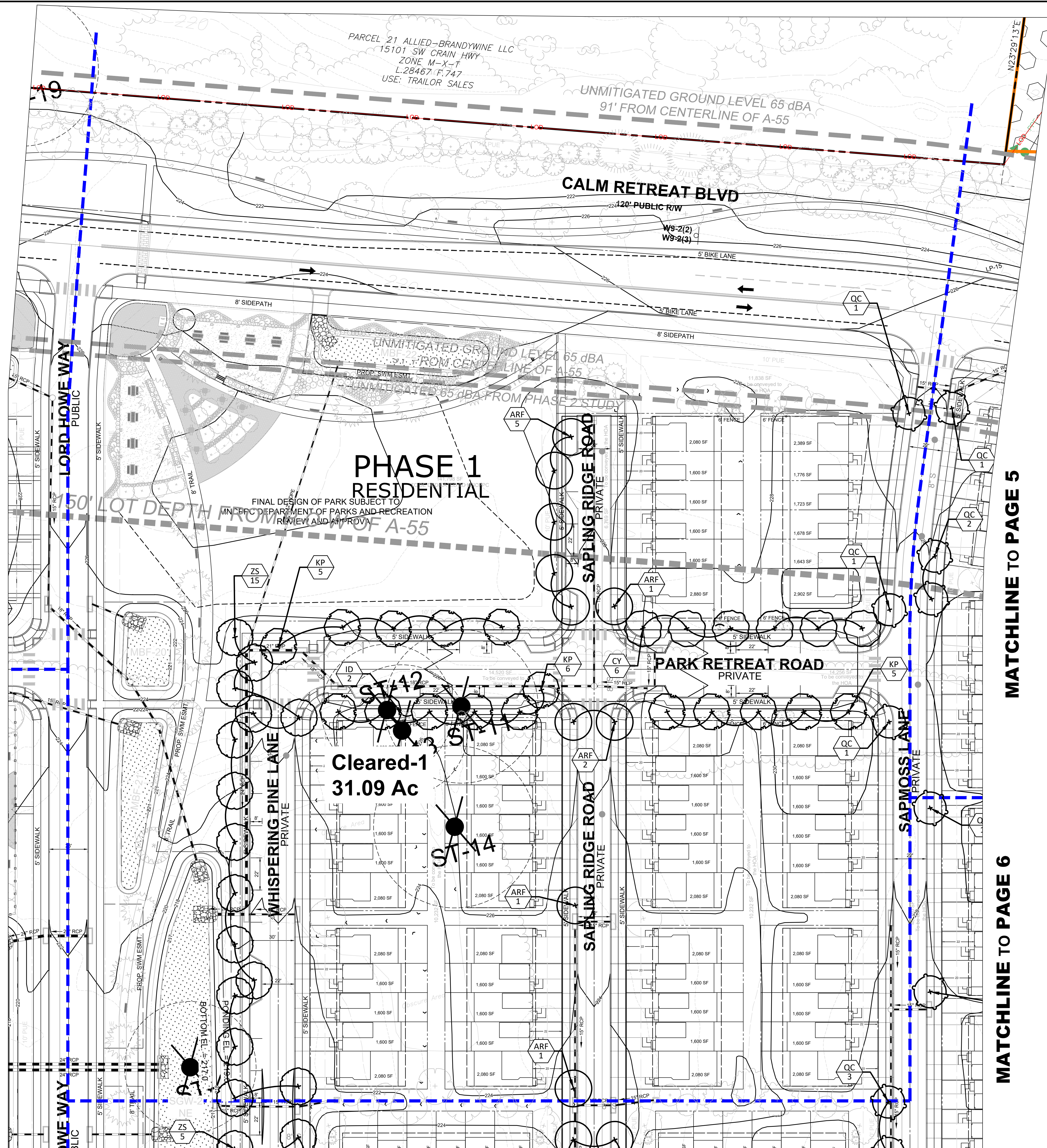
SCALE: 1" = 30'
JOB No. 0750G
DATE: April 2021
SHEET No. 6 of 15





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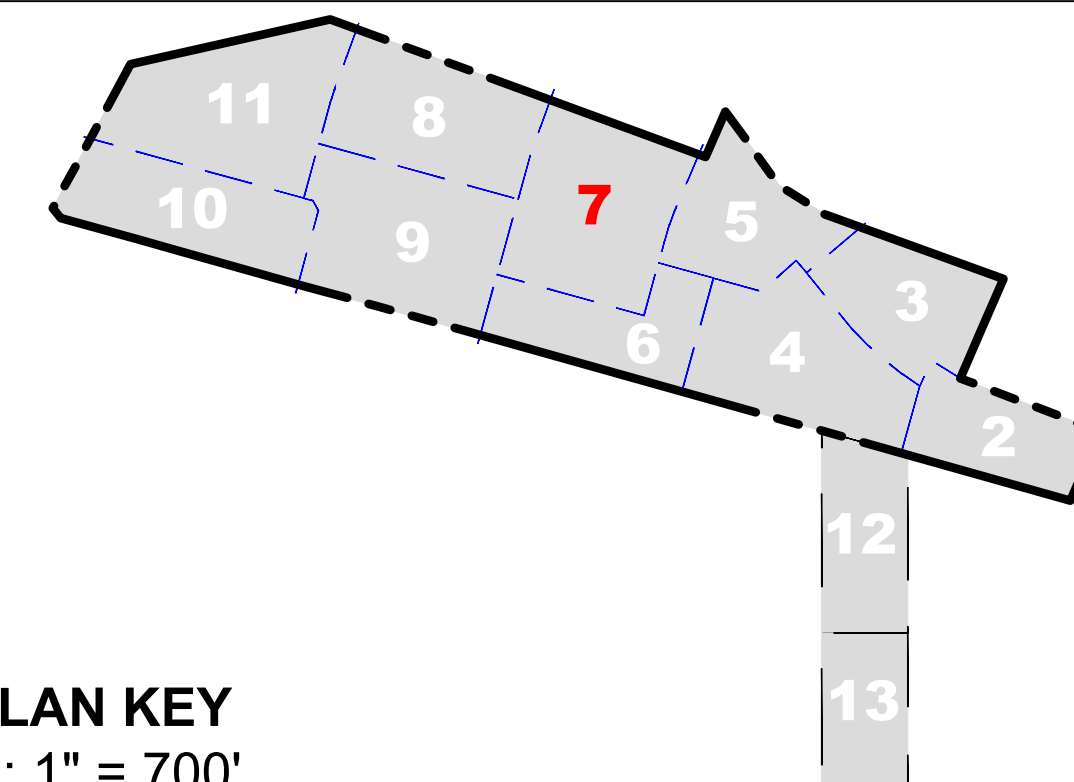
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MATCHLINE TO PAGE 11

MATCHLINE TO PAGE 5

MATCHLINE TO PAGE 6

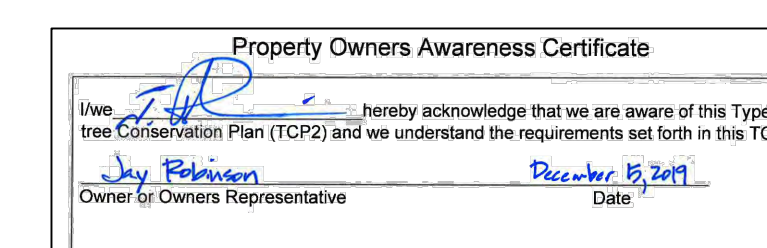


SITE PLAN KEY  
SCALE: 1" = 700'

LEGEND:

- EX. BOUNDARY LINE
  - EX. LOT LINE
  - EX. ESMT
  - EX. BLDG
  - EX. SIDEWALK
  - EX. PARKING STRIPING
  - EX. 10' CONTOUR LINE
  - EX. 2' CONTOUR LINE
  - EX. TREES
  - EX. WATER
  - EX. SEWER
  - EX. STORM DRAIN
  - EX. WETLAND
  - EX. WETLAND BUFFER
  - EX. PRIMARY MGMT AREA/ STREAM BUFFER
  - EX. FLOODPLAIN
  - EX. PRIMARY MGMT AREA/ FLOODPLAIN
  - EX. FLOODPLAIN BRL
  - EX. POND
  - EX. UNMITIGATED 65 DB LINE
  - PR. LIMIT OF DISTURBANCE
  - PR. R.O.W.
  - PR. LOT LINE
  - PR. BLDG
  - PR. SIDEWALK
  - PR. PARKING STRIPING
  - PR. FACE OF CURB
  - PR. BACK OF CURB
  - PR. ROAD PAVEMENT
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  - PR. WATER
  - PR. STORM DRAIN
  - PR. PUE
  - PR. EASEMENT
  - PR. WOOD FENCE
  - PR. ORNAMENTAL FENCE
  - REQUIRED LOT DEPTH
- X SPECIMEN TREE TO BE REMOVED
- WOODLAND CLEARED (WCA)
- WOODLAND PRESERVATION (WPA)
- WOODLAND REFORESTATION/ AFFORESTATION (WPA)
- NATURAL REGENERATION (NRA)
- WOODLAND PRESERVATION - NOT CREDITED (WP-NC)
- WOODLAND CLEARED OFF-SITE (WC-OS)
- PERMANENT TREE PROTECTION FENCE
- TEMPORARY TREE PROTECTION FENCE
- WOODLAND PRESERVATION SIGN
- WOODLAND REFORESTATION/ AFFORESTATION SIGN
- WOODLAND PRESERVATION AREAS
- WOODLAND PLANTING AREAS
- WOODLAND RETAINED - NOT CREDITED
- PRIVATE STREET TREE USED FOR CREDIT

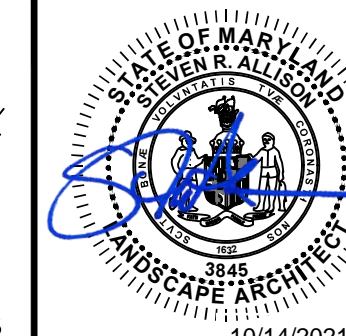
Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
C Schneider	5/27/2020		
00			
01			
02			
03			
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08			



PROFESSIONAL CERTIFICATION

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LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23



REVISION	DATE	REVISION	DATE	REVISION	DATE

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CALM RETREAT

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

RODGERS CONSULTING

1101 Mercantile Ln, Suite 280, Largo, Maryland 20774  
Ph: 301.948.4700 Fx: 301.948.6256 www.rodgers.com

BASE DATA	BY	DATE
DESIGNED	SRA	12/2020
DRAWN	SRA/STAFF	12/2020
REVIEWED	SRA	01/2021
RODGERS CONTACT:		
RELEASE FOR:		
BY:	DATE:	

TYPE 2  
TREE CONSERVATION PLAN

SCALE: 1" = 30'

JOB No. 0750G

DATE: April 2021

SHEET No. 7 of 15





LEGEND:

- |  |   |
|--|---|
|  | EX. BOUNDARY LINE                               |
|  | EX. LOT LINE                                    |
|  | EX. ESMT  |
|  | EX. BLDG  |
|  | EX. SIDEWALK                                    |
|  | EX. PARKING STRIPING                            |
|  | EX. 10' CONTOUR LINE                            |
|  | EX. 2' CONTOUR LINE                             |
|  | EX. TREES                                       |
|  | EX. WATER                                       |
|  | EX. SEWER                                       |
|  | EX. STORM DRAIN                                 |
|  | EX. WETLAND                                     |
|  | EX. WETLAND BUFFER                              |
|  | EX. PRIMARY MGMT AREA/<br>STREAM BUFFER         |
|  | STREAM BUFFER                                   |
|  | EX. STREAM                                      |
|  | EX. FLOODPLAIN                                  |
|  | EX. PRIMARY MGMT AREA/<br>FLOODPLAIN            |
|  | EX. FLOODPLAIN BRL                              |
|  | EX. POND  |
|  | EX. UNMITIGATED 65 DB LINE                      |
|  | PR. LIMIT OF DISTURBANCE                        |
|  | PR. R.O.W.                                      |
|  | PR. LOT LINE                                    |
|  | PR. BLDG  |
|  | PR. SIDEWALK                                    |
|  | PR. PARKING STRIPING                            |
|  | PR. FACE OF CURB                                |
|  | PR. BACK OF CURB                                |
|  | PR. ROAD PAVEMENT                               |
|  | PR. SEWER                                       |
|  | PR. WATER                                       |
|  | PR. STORM DRAIN                                 |
|  | PR. PUE   |
|  | PR. EASEMENT                                    |
|  | PR. WOOD FENCE                                  |
|  | PR. ORNAMENTAL FENCE                            |
|  | REQUIRED LOT DEPTH                              |
|  | SPECIMEN TREE TO BE REMOVED                     |
|  | WOODLAND CLEARED (WCA)                          |
|  | WOODLAND PRESERVATION (WPA)                     |
|  | WOODLAND REFORESTATION/<br>AFFORESTATION (WPA)  |
|  | NATURAL REGENERATION (NRA)                      |
|  | WOODLAND PRESERVATION –<br>NOT CREDITED (WP-NC) |
|  | WOODLAND CLEARED OFF-SITE<br>(WC-OS)            |
|  | PERMANENT TREE PROTECTION FENCE                 |
|  | TEMPORARY TREE PROTECTION FENCE                 |
|  | WOODLAND PRESERVATION SIGN                      |
|  | WOODLAND REFORESTATION/<br>AFFORESTATION SIGN   |
|  | WOODLAND PRESERVATION AREAS                     |
|  | WOODLAND PLANTING AREAS                         |
|  | WOODLAND RETAINED –<br>NOT CREDITED             |
|  | PRIVATE STREET TREE USED FOR<br>CREDIT          |

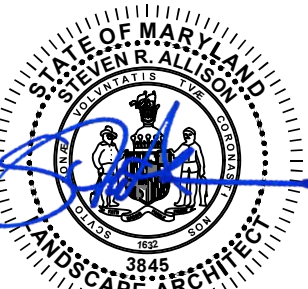
Prince George's County Planning Department, M-NCPPC Environmental Planning Section <b>TYPE 2 TREE CONSERVATION PLAN APPROVAL</b> <b>TCP2-009-2020</b>				
	Approved by	Date	DRD #	Reason for Revision
00	C Schneider	5/27/2020		
01				
02				
03				
04				
05				
06				
07				
08				

**PROFESSIONAL**

**CERTIFICATION**

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LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23



SCALE: 1" = 30'

JOB No.
---------

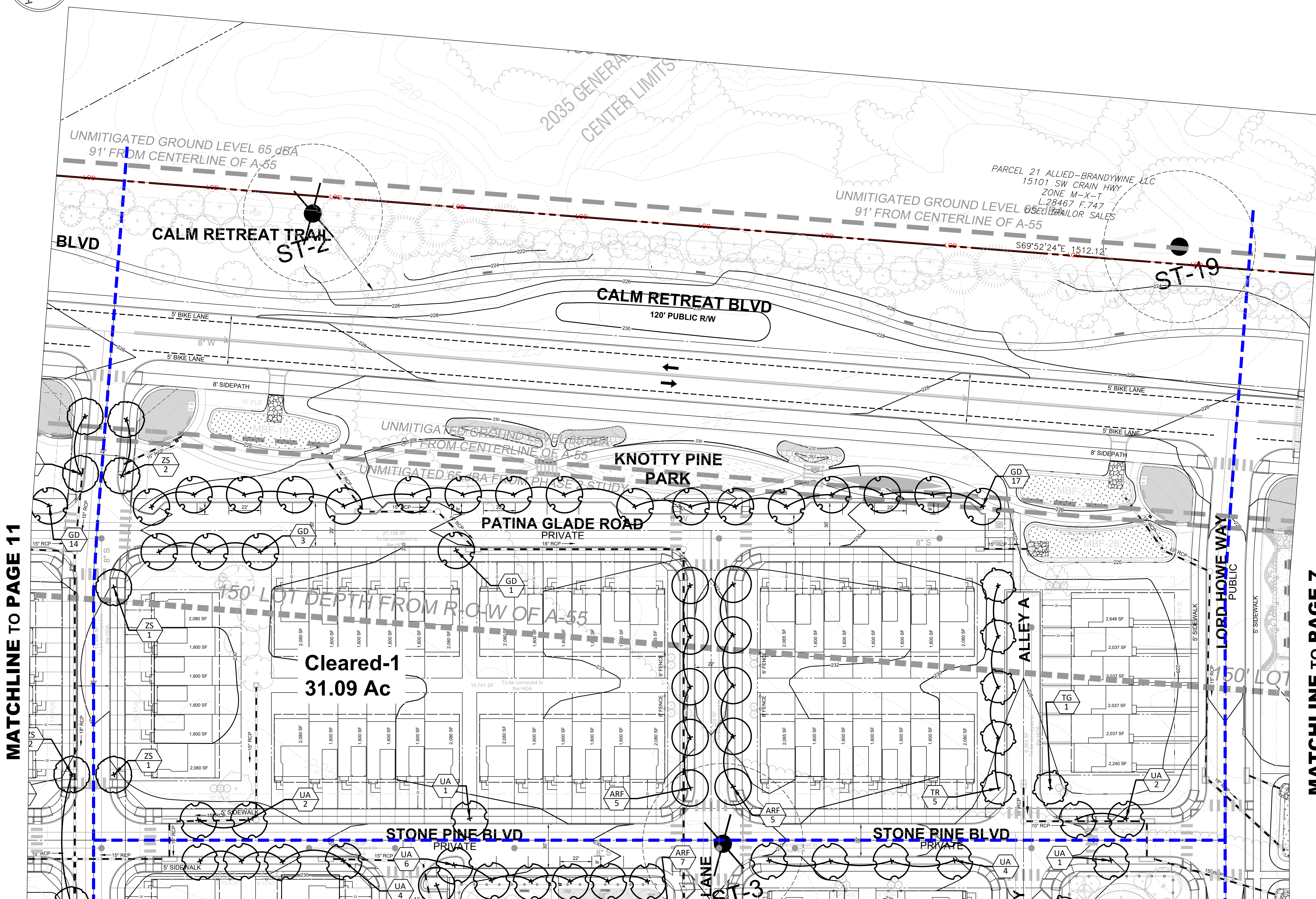
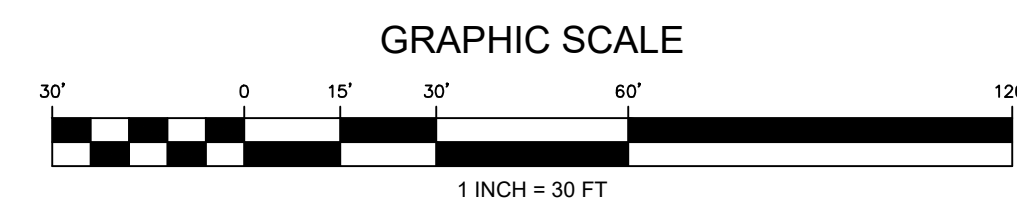
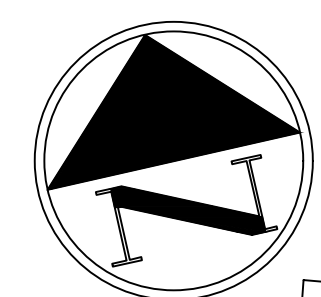
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[illegible]

SHEET No. 2 of 15

## TYPE 2 TREE CONSERVATION PLAN

SHEET No. 2 of 15



**MATCHLINE TO PAGE 11**

**MATCHLINE TO PAGE 7**

**MATCHLINE TO PAGE 9**[illegible]

**OWNER/DEVELOPER:**

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Phone: 301-459-4400  
kmichael@naimichaels.com

## CALM RETREAT

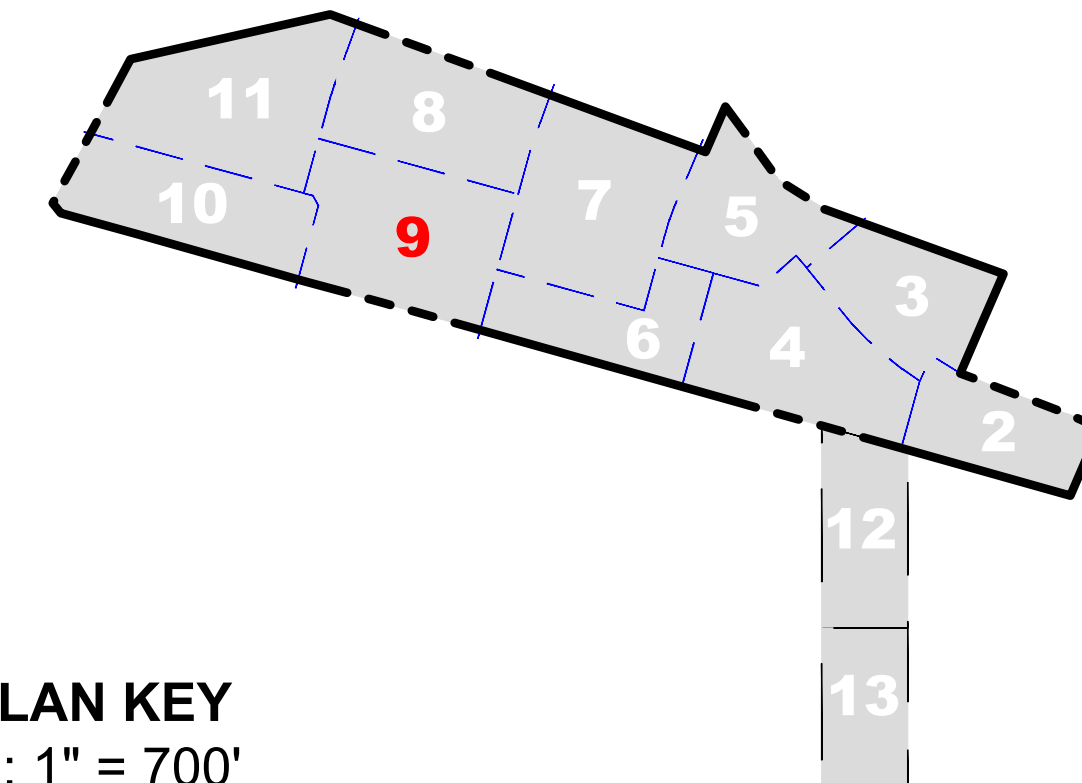
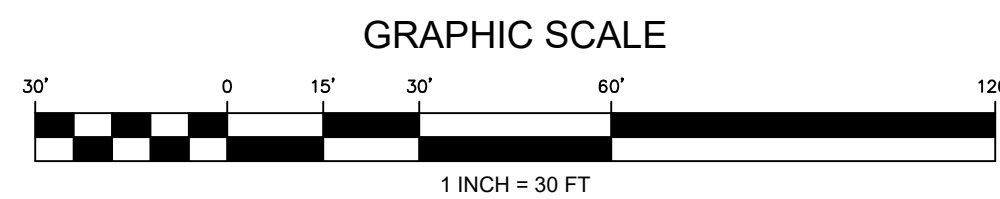
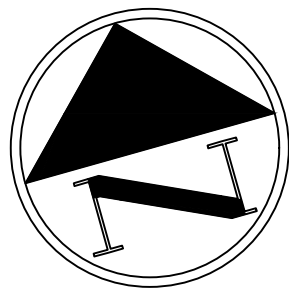
ELECTION DISTRICT No. 11  
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TAX MAP 154 GRID F2  
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RODGERS  
CONSULTING

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	BY	DATE
BASE DATA	BASE DATA	BASE DATA
DESIGNED	SRA	12/20/20
DRAWN	SRA/STAFF	12/20/20
REVIEWED	SRA	01/20/21
RODGERS CONTACT:		
RELEASE FOR		
BY	DATE	





PRELIMINARY NOT FOR CONSTRUCTION

MATCHLINE TO PAGE 8

MATCHLINE TO PAGE 11

MATCHLINE TO PAGE 7

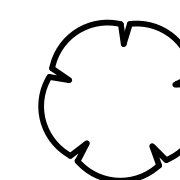
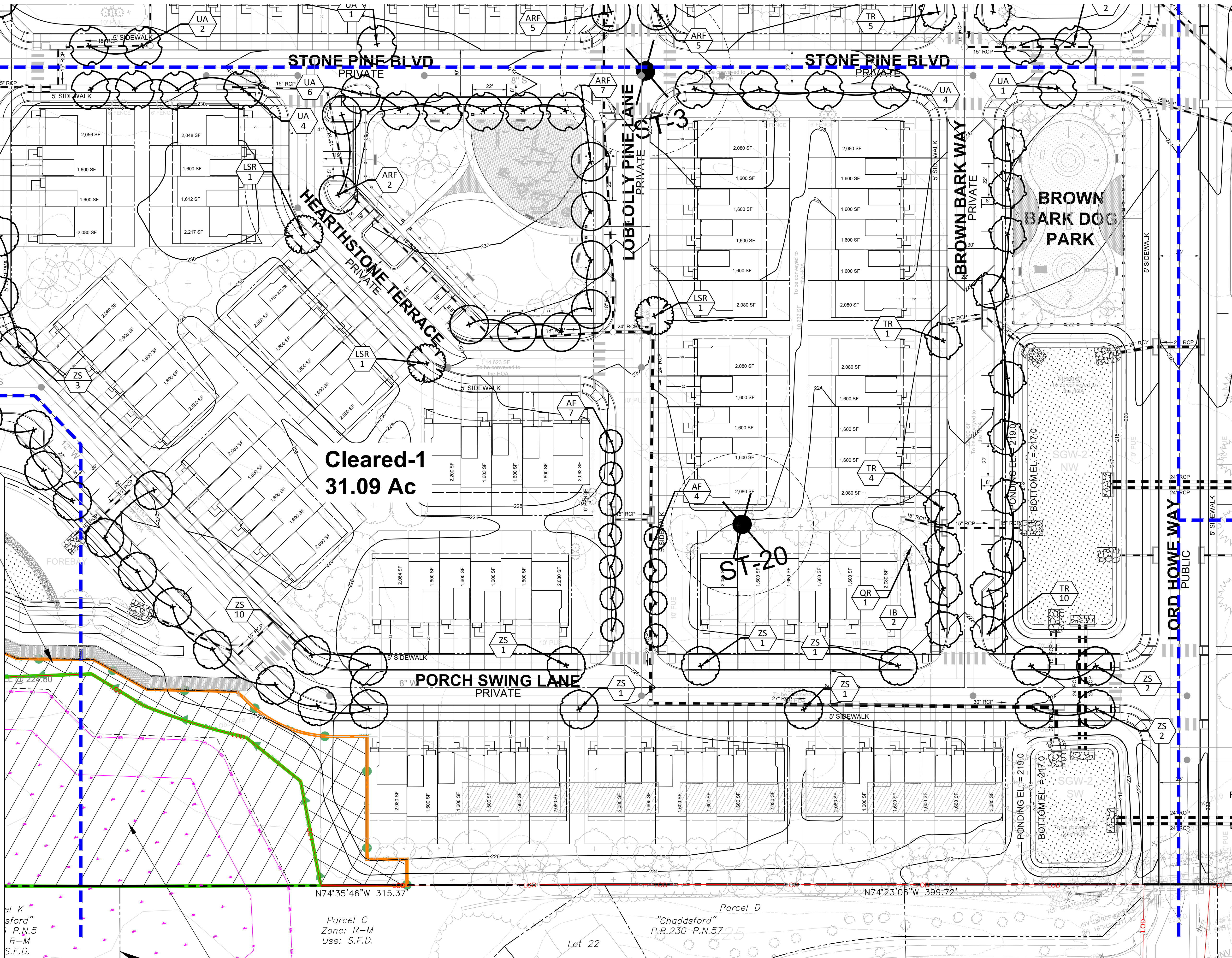
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WRA-1  
0.34 AC  
16 - AR  
13 - IO  
15 - NS  
15 - UA  
13 - PT  
16 - QP  
15 - QA

MATCHLINE TO PAGE 10

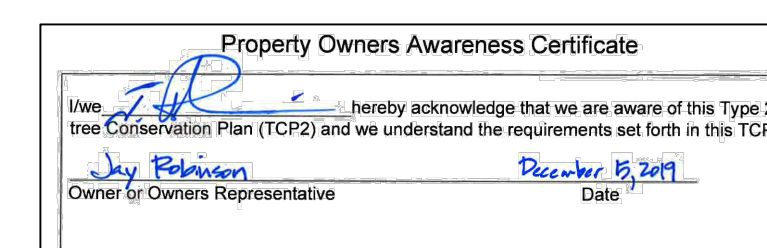
Cleared-1  
31.09 Ac

WPA-1  
1.07 Ac

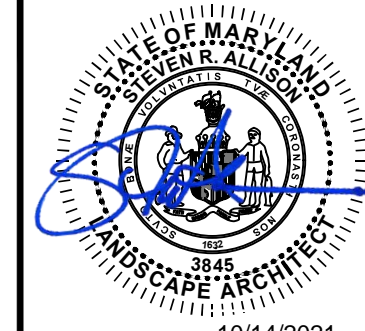


PRIVATE STREET TREE USED FOR CREDIT

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
00 C Schneider	5/27/2020		
01			
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TAX MAP 154 GRID F2  
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RODGERS CONTACT:	
RELEASE FOR:	
BY:	DATE:

TYPE 2  
TREE CONSERVATION PLAN

JOB No.	0750G
DATE:	April 2021
SHEET No.	9 of 15



**LEGEND:**

- EX. BOUNDARY LINE
- EX. LOT LINE
- EX. ESMT
- EX. BLDG
- EX. SIDEWALK
- EX. PARKING STRIPING
- EX. 10' CONTOUR LINE
- EX. 2' CONTOUR LINE
- EX. TREES
- EX. WATER
- EX. SEWER
- EX. STORM DRAIN
- EX. WETLAND
- EX. WETLAND BUFFER
- EX. PRIMARY MGMT AREA/ STREAM BUFFER
- EX. STREAM
- EX. FLOODPLAIN
- EX. PRIMARY MGMT AREA/ FLOODPLAIN
- EX. FLOODPLAIN BRL
- EX. POND
- EX. UNMITIGATED 65 DB LINE
- PR. LIMIT OF DISTURBANCE
- PR. R.O.W.
- PR. LOT LINE
- PR. BLDG
- PR. SIDEWALK
- PR. PARKING STRIPING
- PR. FACE OF CURB
- PR. BACK OF CURB
- PR. ROAD PAVEMENT
- PR. SEWER
- PR. WATER

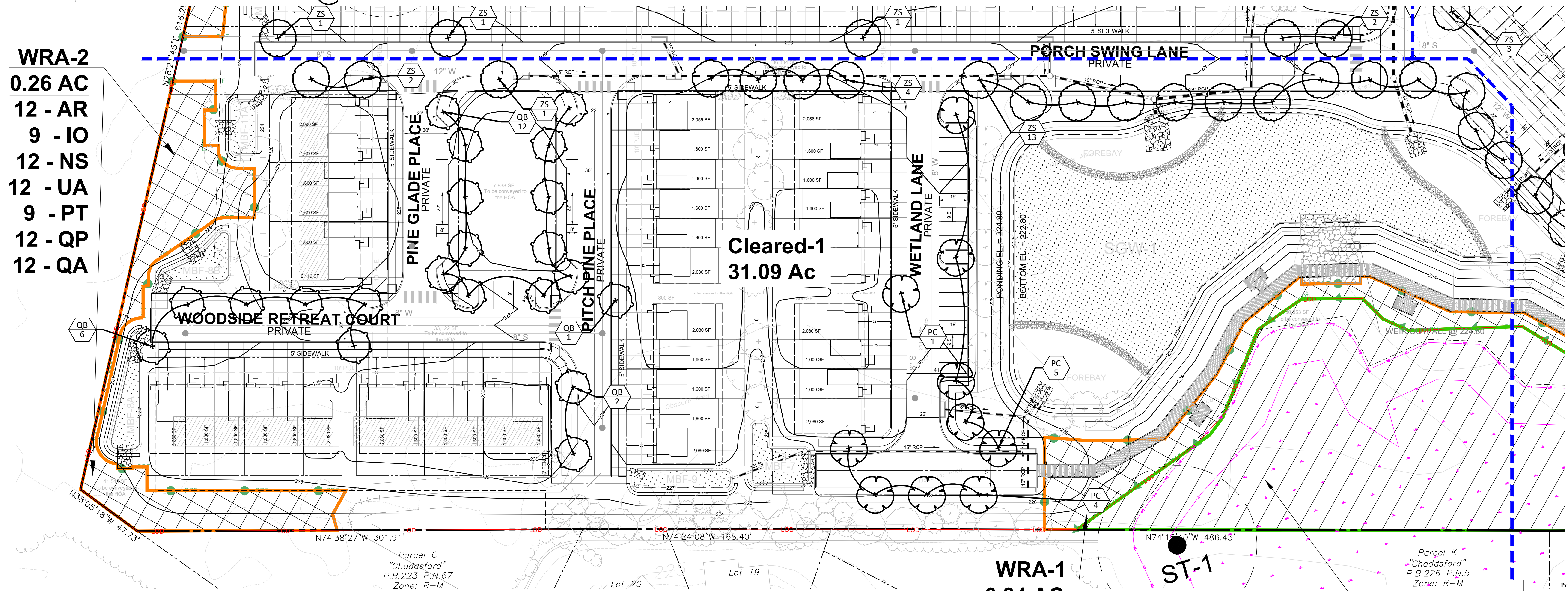
PR. STORM DRAIN  
PR. PUE  
PR. EASEMENT  
PR. WOOD FENCE  
PR. ORNAMENTAL FENCE  
REQUIRED LOT DEPTH

SPECIMEN TREE TO BE REMOVED

WOODLAND CLEARED (WCA)  
WOODLAND PRESERVATION (WPA)  
WOODLAND REFORESTATION/ AFFORESTATION (WRA)  
NATURAL REGENERATION (NRA)  
WOODLAND PRESERVATION - NOT CREDITED (WP-NC)  
WOODLAND CLEARED OFF-SITE (WC-OS)  
PERMANENT TREE PROTECTION FENCE  
TEMPORARY TREE PROTECTION FENCE

WOODLAND PRESERVATION SIGN  
WOODLAND REFORESTATION/ AFFORESTATION SIGN  
WOODLAND PRESERVATION AREAS  
WOODLAND PLANTING AREAS  
WOODLAND RETAINED - NOT CREDITED  
PRIVATE STREET TREE USED FOR CREDIT

**SITE PLAN KEY**  
SCALE: 1" = 700'



MATCHLINE TO PAGE 9

**WRA-2**  
0.26 AC  
12 - AR  
9 - IO  
12 - NS  
12 - UA  
9 - PT  
12 - QP  
12 - QA

**WRA-1**  
0.34 AC  
16 - AR  
13 - IO  
15 - NS  
15 - UA  
13 - PT  
16 - QP  
15 - QA

**WPA-1**  
1.07 Ac

Parcel C "Chaddsford" P.B.223 P.N.67 Zone: R-M

Parcel K "Chaddsford" P.B.226 P.N.5 Zone: R-M

ST-1

Prince George's County Planning Department, M-NCPPC  
Environmental Planning Section  
**TYPE 2 TREE CONSERVATION PLAN APPROVAL**  
TCP2-009-2020

Approved by	Date	DRD #	Reason for Revision
C Schneider	5/27/2020		

PROFESSIONAL CERTIFICATION

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

LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23

10/14/2021

SCALE: 1" = 30'

JOB No. 0750G  
DATE: April 2021  
SHEET No. 10 of 15

REVISION	DATE	REVISION	DATE	REVISION	DATE

**OWNER/DEVELOPER:**  
CALM RETREAT, LLC.  
10100 Business Parkway  
Lanham, MD 20706  
Attn: Kenneth Michael  
Phone: 301-459-4400  
kmichael@naimichaels.com

**CALM RETREAT**  
ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

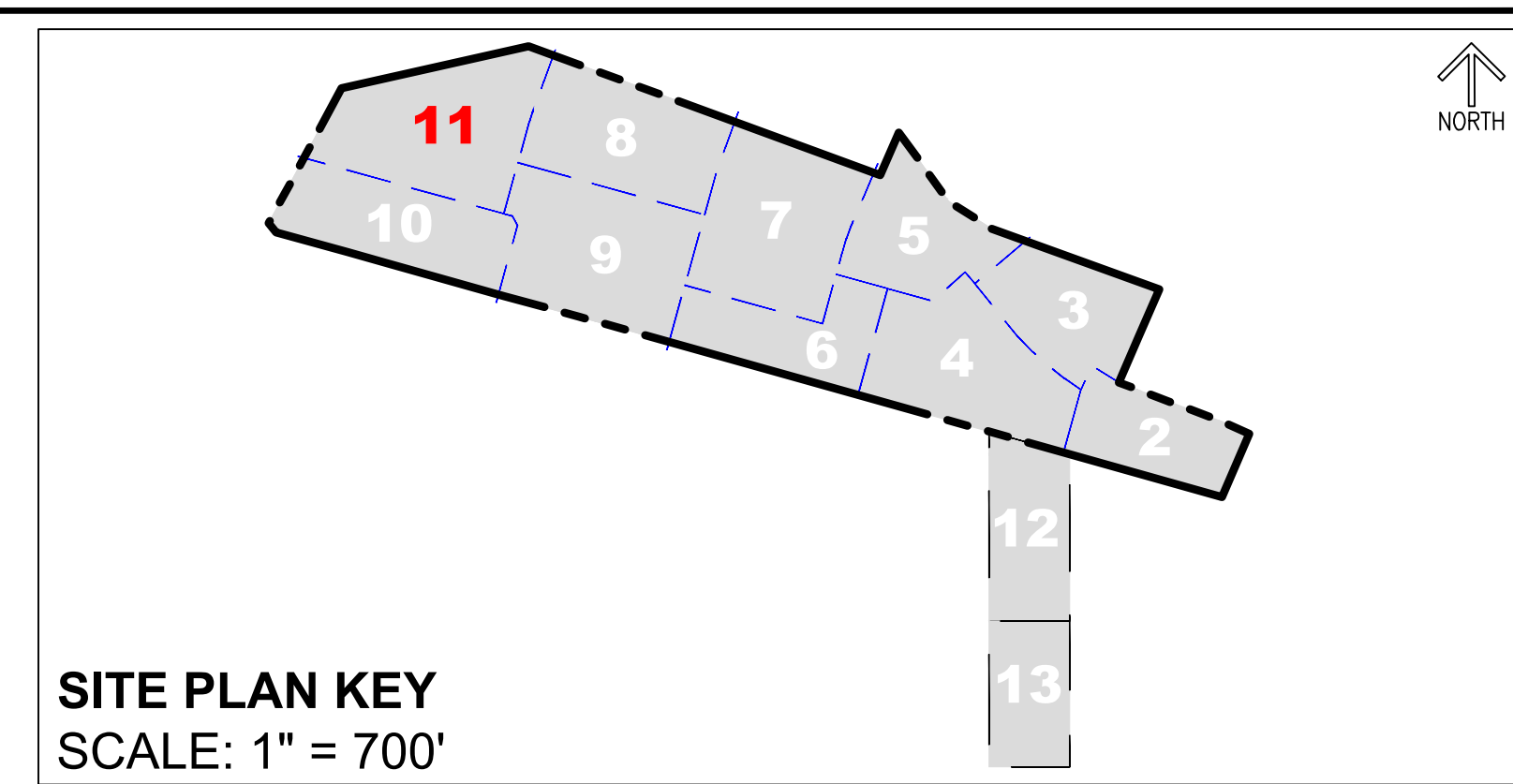
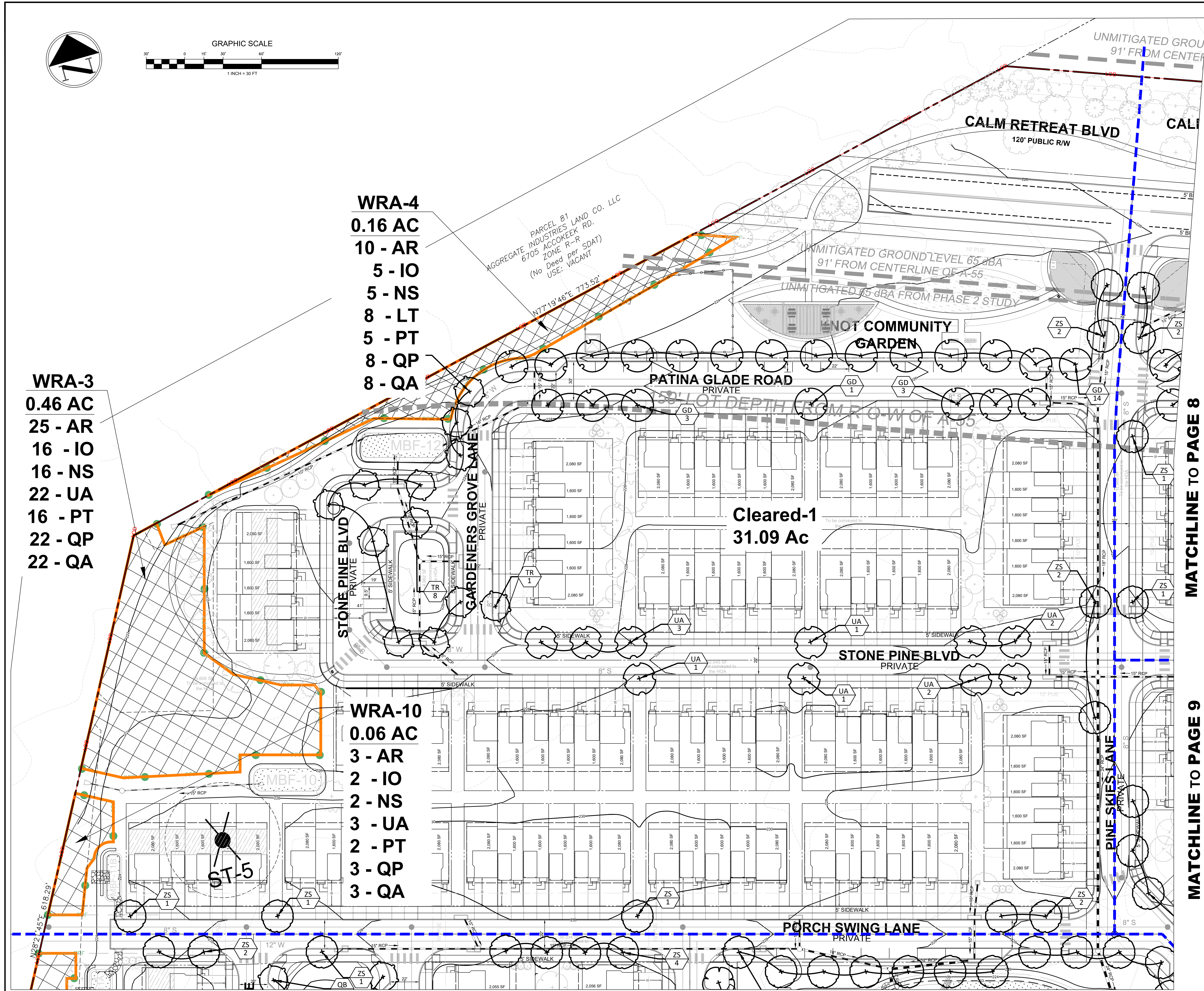
**RODGERS CONSULTING**  
1101 Mercantile Ln, Suite 280, Largo, Maryland 20774  
Ph: 301.948.4700 Fx: 301.948.6356 www.rodgers.com

BY	DATE
BASE DATA	BASE DATA
DESIGNED	SRA 12/2020
DRAWN	SRA/STAFF 12/2020
REVIEWED	SRA 01/2021

RODGERS CONTACT:  
RELEASE FOR \_\_\_\_\_  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**TYPE 2 TREE CONSERVATION PLAN**





- LEGEND:**
- EX. BOUNDARY LINE
  - EX. LOT LINE
  - EX. ESMT
  - EX. BLDG
  - EX. SIDEWALK
  - EX. PARKING STRIPING
  - EX. 10' CONTOUR LINE
  - EX. 2' CONTOUR LINE
  - EX. TREES
  - EX. WATER
  - EX. SEWER
  - EX. STORM DRAIN
  - EX. WETLAND
  - EX. WETLAND BUFFER
  - EX. PRIMARY MGMT AREA/ STREAM BUFFER
  - EX. FLOODPLAIN
  - EX. FLOODPLAIN BRL
  - EX. POND
  - EX. UNMITIGATED 65 DB LINE
  - PR. LIMIT OF DISTURBANCE
  - PR. R.O.W.
  - PR. LOT LINE
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  - PR. BACK OF CURB
  - PR. ROAD PAVEMENT
  - PR. SEWER
  - PR. WATER
  - PR. STORM DRAIN
  - PR. PUE
  - PR. EASEMENT
  - PR. WOOD FENCE
  - PR. ORNAMENTAL FENCE
  - REQUIRED LOT DEPTH
- X** SPECIMEN TREE TO BE REMOVED
- WOODLAND CLEARED (WCA)
  - WOODLAND PRESERVATION (WPA)
  - WOODLAND REFORESTATION/ AFFORESTATION (WPA)
  - NATURAL REGENERATION (NRA)
  - WOODLAND PRESERVATION - NOT CREDITED (WP-NC)
  - WOODLAND CLEARED OFF-SITE (WC-OS)
  - PERMANENT TREE PROTECTION FENCE
  - TEMPORARY TREE PROTECTION FENCE
  - WOODLAND PRESERVATION SIGN
  - WOODLAND REFORESTATION/ AFFORESTATION SIGN
  - WOODLAND PRESERVATION AREAS
  - WOODLAND PLANTING AREAS
  - WOODLAND RETAINED - NOT CREDITED
  - PRIVATE STREET TREE USED FOR CREDIT

MATCHLINE TO PAGE 8

MATCHLINE TO PAGE 9

MATCHLINE TO PAGE 10

REVISION	DATE	REVISION	DATE	REVISION	DATE

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TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

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BY	DATE
BASE DATA	12/2020
DESIGNED	SRA
DRAWN	SRA/STAFF
REVIEWED	SRA
DATE	01/2021

**TYPE 2 TREE CONSERVATION PLAN**

SCALE: 1" = 30'
JOB No. 0750G
DATE: April 2021
SHEET No. 11 of 15

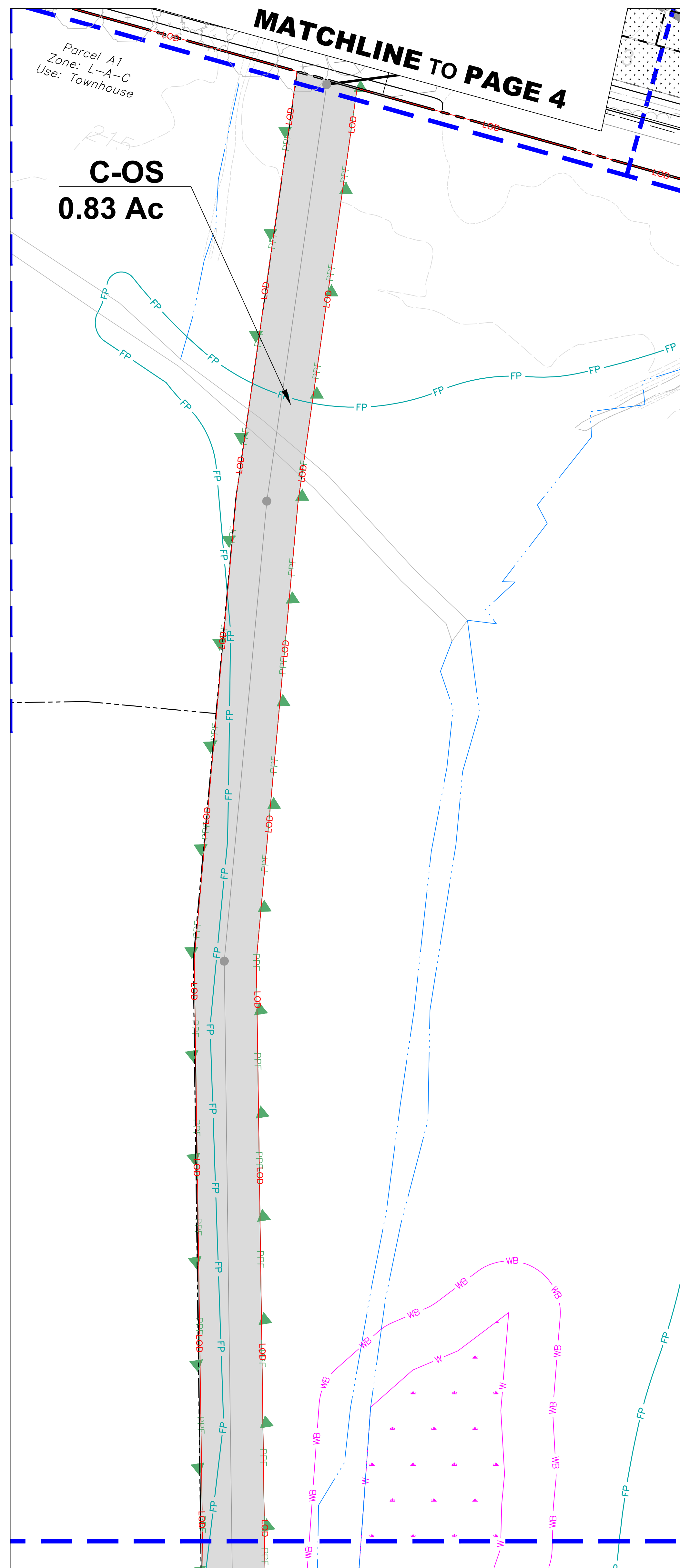
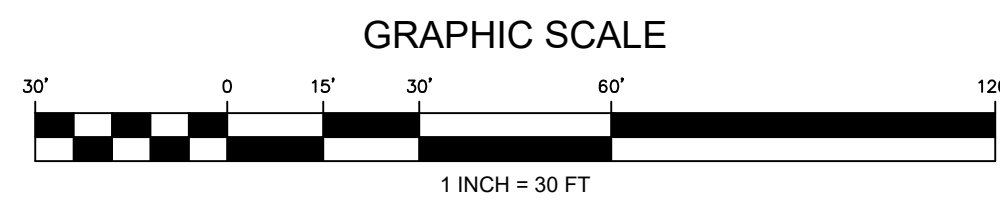
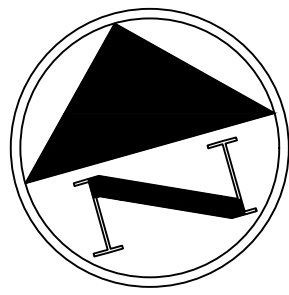
Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
C Schneider	5/27/2020		

Property Owners Awareness Certificate  
I, the undersigned, hereby acknowledge that we are aware of this Type 2 Tree Conservation Plan (TCP2) and we understand the requirements set forth in this TCP2.  
Owner by Owners Representative: [Signature] Date: [Date]

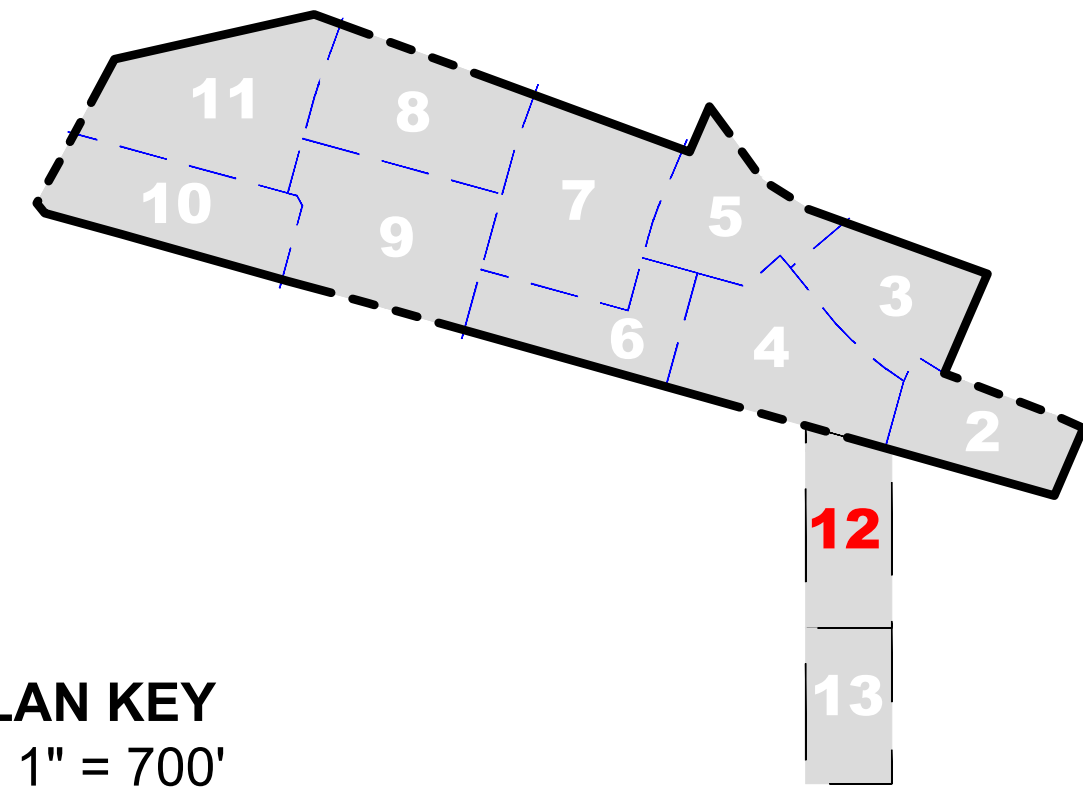
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LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23  
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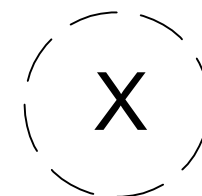
MATCHLINE TO PAGE 2



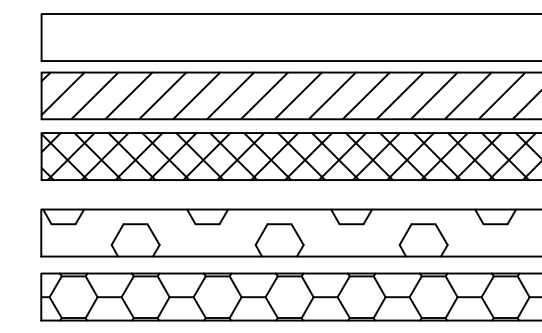
SITE PLAN KEY  
SCALE: 1" = 700'

LEGEND:

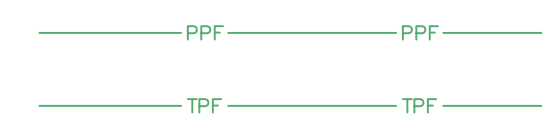
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---	EX. LOT LINE
---	EX. ESMT
---	EX. BLDG
---	EX. SIDEWALK
---	EX. PARKING STRIPING
---	EX. 10' CONTOUR LINE
---	EX. 2' CONTOUR LINE
---	EX. TREES
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---	EX. STORM DRAIN
---	EX. WETLAND
---	EX. WETLAND BUFFER
---	EX. PRIMARY MGMT AREA/ STREAM BUFFER
---	EX. STREAM
---	EX. FLOODPLAIN
---	EX. PRIMARY MGMT AREA/ FLOODPLAIN
---	EX. FLOODPLAIN BRL
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---	PR. LIMIT OF DISTURBANCE
---	PR. R.O.W.
---	PR. LOT LINE
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---	PR. STORM DRAIN
---	PR. PUE
---	PR. EASEMENT
---	PR. WOOD FENCE
---	PR. ORNAMENTAL FENCE
---	REQUIRED LOT DEPTH



SPECIMEN TREE TO BE REMOVED



WOODLAND CLEARED (WCA)  
WOODLAND PRESERVATION (WPA)  
WOODLAND REFORESTATION/  
AFFORESTATION (WPA)  
NATURAL REGENERATION (NRA)  
WOODLAND PRESERVATION -  
NOT CREDITED (WP-NC)  
WOODLAND CLEARED OFF-SITE  
(WC-OS)



PERMANENT TREE PROTECTION FENCE  
TEMPORARY TREE PROTECTION FENCE



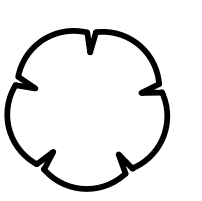
WOODLAND PRESERVATION SIGN



WOODLAND REFORESTATION/  
AFFORESTATION SIGN

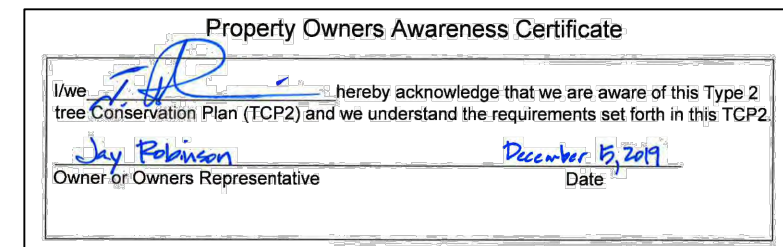


WOODLAND PRESERVATION AREAS  
WOODLAND PLANTING AREAS  
WOODLAND RETAINED -  
NOT CREDITED  
PRIVATE STREET TREE USED FOR  
CREDIT

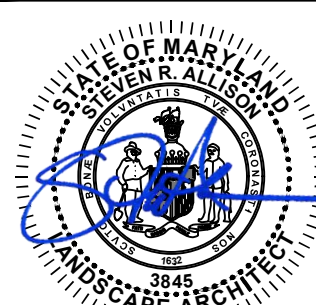


Prince George's County Planning Department, M-NCPPC  
Environmental Planning Section  
TYPE 2 TREE CONSERVATION PLAN APPROVAL  
TCP2-009-2020

Approved by	Date	DRD #	Reason for Revision
C Schneider	5/27/2020		



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UNDER THE LAWS OF THE  
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LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23



REVISION	DATE	REVISION	DATE	REVISION	DATE

OWNER/DEVELOPER:  
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10100 Business Parkway  
Lanham, MD 20706  
Attn: Kenneth Michael  
Phone: 301-459-4400  
kmichael@naimichaels.com

## CALM RETREAT

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

RODGERS  
CONSULTING

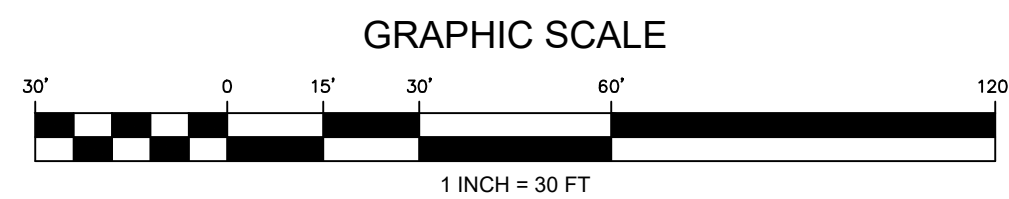
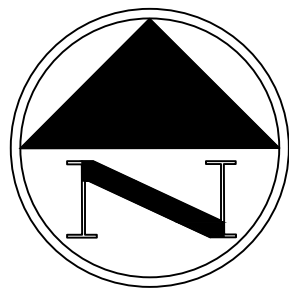
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BY	DATE
BASE DATA	BASE DATA
DESIGNED	SRA 12/2020
DRAWN	SRA/STAFF 12/2020
REVIEWED	SRA 01/2021
RODGERS CONTACT:	
RELEASE FOR	
BY: _____	DATE: _____

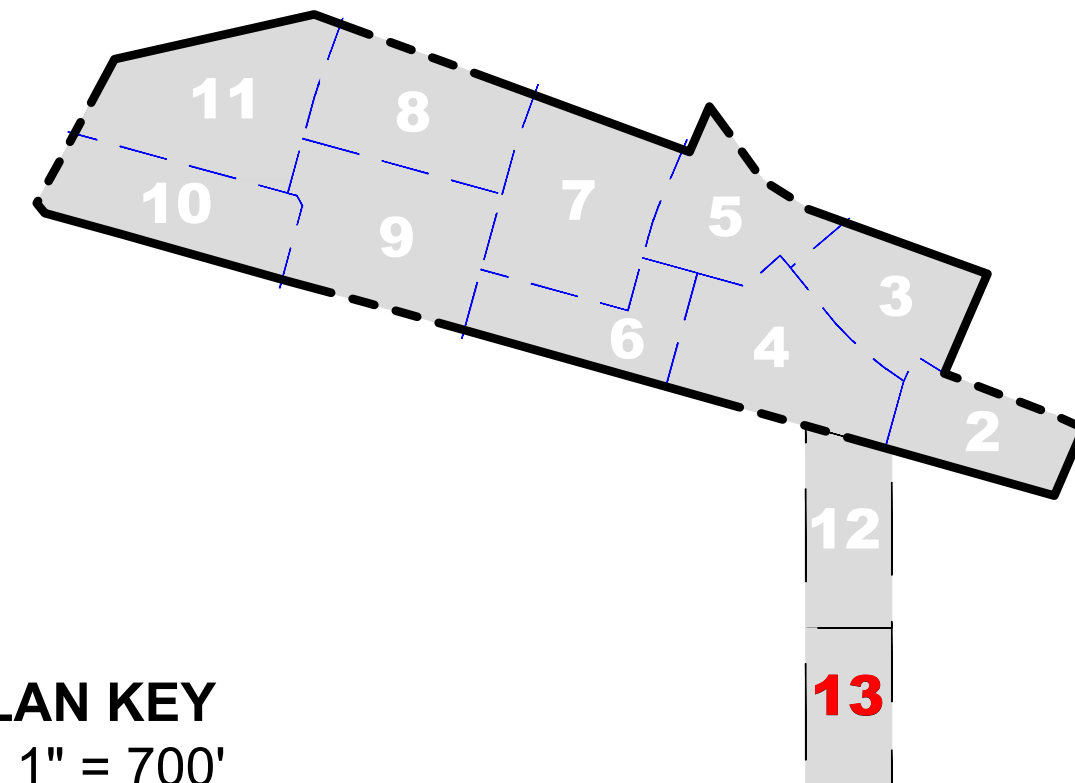
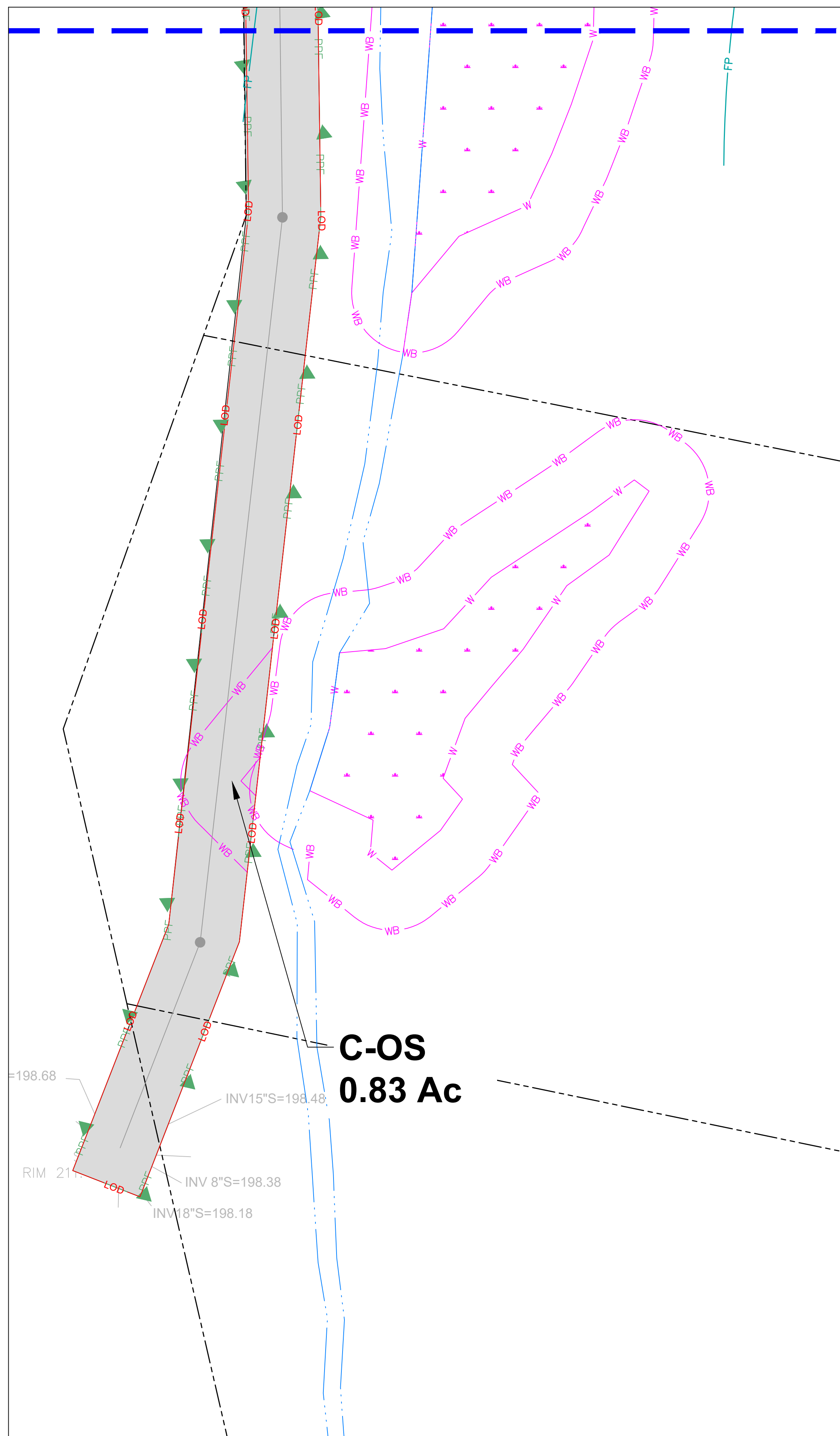
## TYPE 2 TREE CONSERVATION PLAN

SCALE: 1" = 30'
JOB No. 0750G
DATE: April 2021
SHEET No. 12 of 15





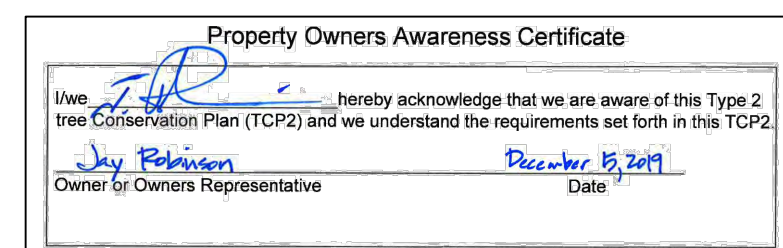
## MATCHLINE TO PAGE 12



SITE PLAN KEY  
SCALE: 1" = 700'

- LEGEND:
- EX. BOUNDARY LINE
  - EX. LOT LINE
  - EX. ESMT
  - EX. BLDG
  - EX. SIDEWALK
  - EX. PARKING STRIPING
  - EX. 10' CONTOUR LINE
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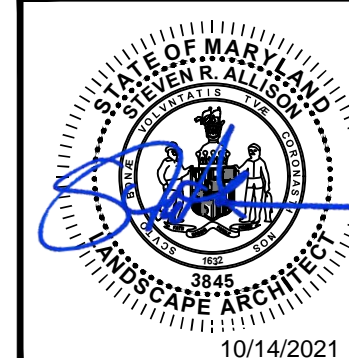
Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
00	C Schneider	5/27/2020	
01			
02			
03			
04			
05			
06			
07			
08			



PROFESSIONAL  
CERTIFICATION

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## CALM RETREAT

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

**RODGERS**  
CONSULTING

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RODGERS CONTACT:	
RELEASE FOR	
BY: _____	DATE: _____

## TYPE 2 TREE CONSERVATION PLAN

SCALE: 1" = 30'
JOB No. 0750G
DATE: April 2021
SHEET No. 13 of 15



**Type 2 TCP NOTES:**

- This plan is submitted to fulfill the woodland conservation requirements for DSP-19028. If DSP-19028 expires, then this TCP2 also expires and is no longer valid.
- Cutting or clearing of woodland not in conformance with this plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$9.00 per square foot mitigation fee.
- A pre-construction meeting is required prior to the issuance of grading permits. The Department of Public Works and Transportation or the Department of Environmental Resources, as appropriate, shall be contacted prior to the start of any work on the site to conduct a pre-construction meeting where implementation of woodland conservation measures shown on this plan will be discussed in detail.
- The developer or builder of the lots or parcels shown on this plan shall notify future buyers of any woodland conservation areas through the provision of a copy of this plan at time of contract signing. Future property owners are also subject to this requirement.
- The owners of the property subject to this tree conservation plan are solely responsible for conformance to the requirements contained herein.
- The property is within the Environmental Strategy Area Two (formerly the Developing Tier) of the Regulated Environmental Protection Areas Map, as designated by Plan Prince George's 2035 Approved General Plan and is zoned M-X-T.
- The site is not adjacent to a roadway designated as scenic, historic, a parkway or a scenic byway.
- The property is located in the vicinity of Crain Highway a master planned arterial or higher roadway that is regulated for noise.
- This plan is not grandfathered under CB-27-2010, Section 25-117 (g).
- Woodlands preserved, planted, or regenerated in fulfillment of woodland conservation requirements on-site have been placed in a woodland and wildlife habitat conservation easement recorded in the Prince George's County Land Records at Liber 44732 Folio 10. Revisions to this TCP2 may require a revision to the recorded easement.

**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 noted on this plan.
- 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 permittee 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.
- 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 permittee, 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 permittee 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.
- 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.

**Afforestation and Reforestation Notes**

- 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 county.
- Reforestation areas shall not be moved. 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 planting on this site.
- At time of issuance of the first permit, the following information shall be submitted to the M-NCPPC Planning Department regarding the contractor responsible for implementation of this plan: contractor name; business name (if different); address; and phone number. Results of annual survival checks for each of the required four years after tree planting shall be reported to the M-NCPPC, Planning Department.
- Failure to establish the afforestation or reforestation within the prescribed time frame will result in the forfeiture of the reforestation bond and/or a violation of this plan including the associated \$9.00 per square foot penalty unless the county inspector approves a written extension.

Property Owners Awareness Certificate

I, \_\_\_\_\_ hereby acknowledge that we are aware of this Type 2 TCP2 and understand the requirements set forth in this TCP2.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Owner or Owners Representative

**Planting Specification Notes**

- Quantity: (See planting schedule)
- Type: (See planting 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.
- 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.
- 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.
- Seedling Planting: Tree seedlings shall be hand planted using a dibble bar or sharp-shooter. 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.
- Spacing: See Plant Schedule and/or Planting Plan for spacing requirements. Also refer to the Planting Layout detail for a description of the general planting theory.
- 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 will be tested and recommended for corrections of soil texture, pH, magnesium, phosphorus, potassium, calcium and organic matter.
- Soil Improvement Measures: the soil shall then be improved according to the recommendations made by the testing company.
- 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.
- Planting method: Consult the Planting Detail(s) shown on this plan.
- Mulching: Apply two-inch thick layer of woodchip or shredded hardwood mulch (as noted) to each planting site (see detail shown on this plan).
- 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.
- Mowing: No mowing shall be allowed in any planting area.
- 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.
- Source of Seedlings: TBD.

**Four-Year Management Plan for Re/Afforestation Areas**

Field check the re-afforestation area according to the following schedule:

- Year 1: Site Preparation and Tree Planting  
Survival check once annually (September-November) see Note 1)  
Watering is needed (2 x month)  
Control of undesirable vegetation as needed (1 x in June and 1 x in September min.)
- Year 2-3: Reinforcement planting is needed (See Note 2)  
Survival check once annually (September-November)  
Control of undesirable vegetation if needed (1 x in May and 1 x in August min.)
- Year 4: Reinforcement planting if needed. (See Note 2)  
Survival check (September -November)

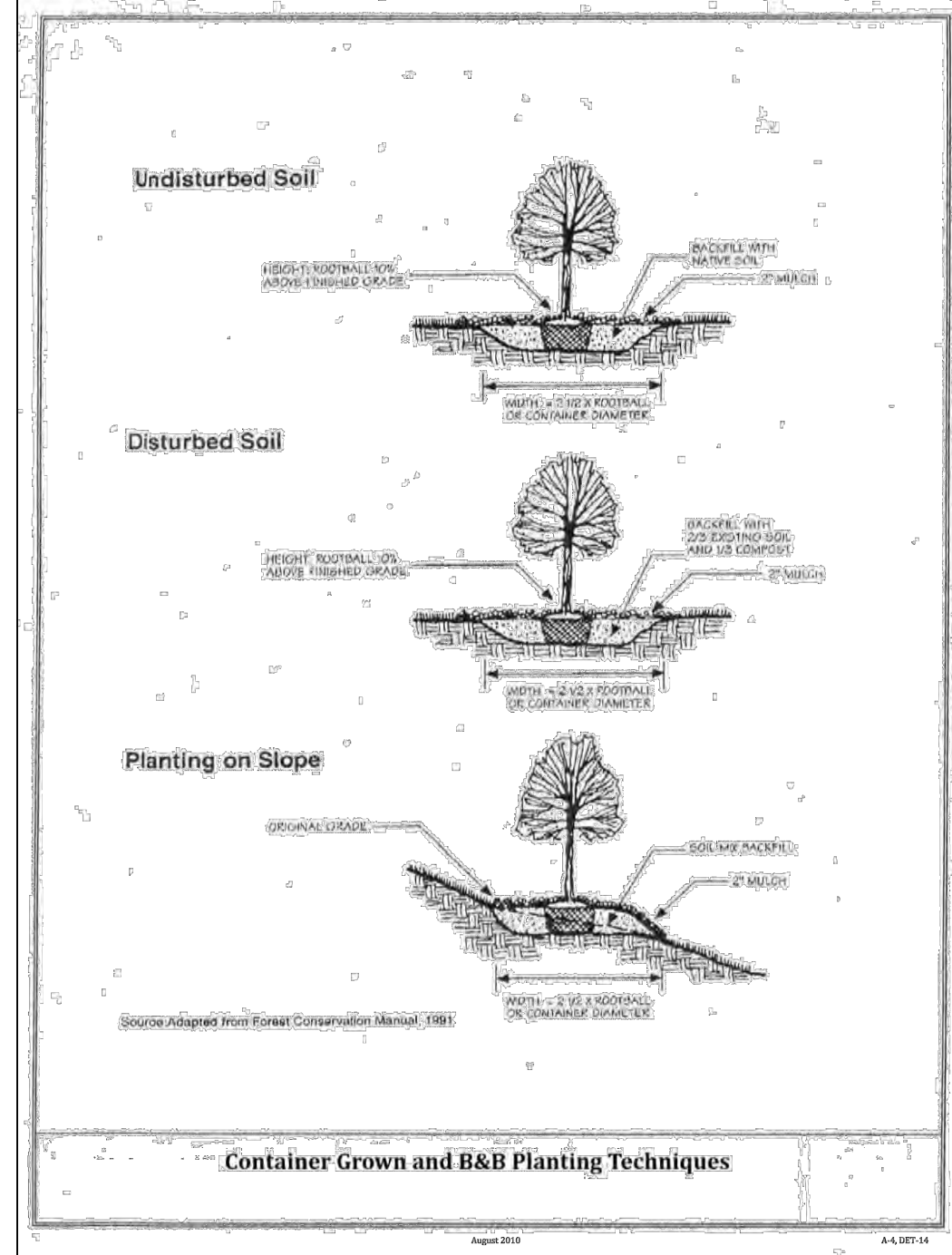
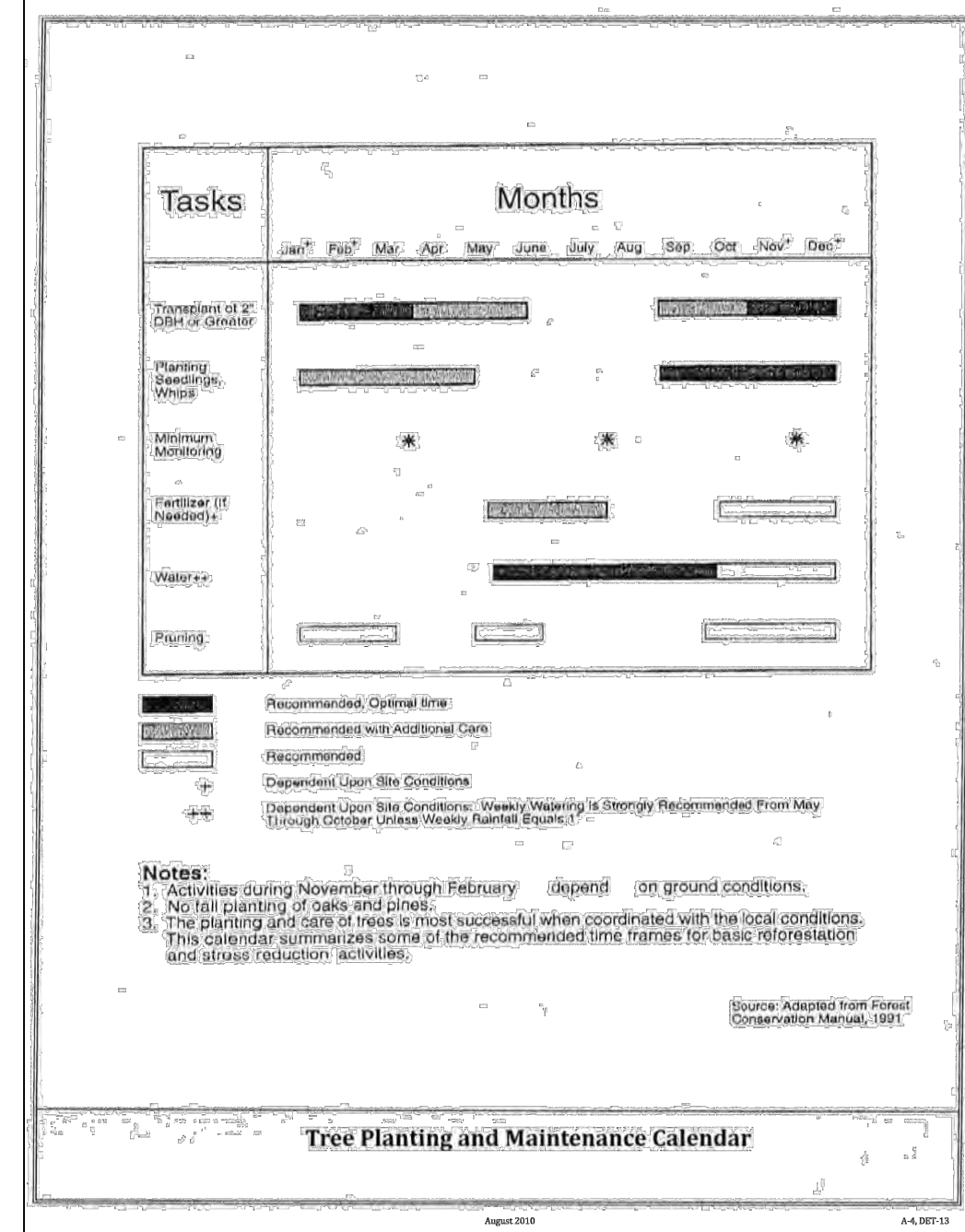
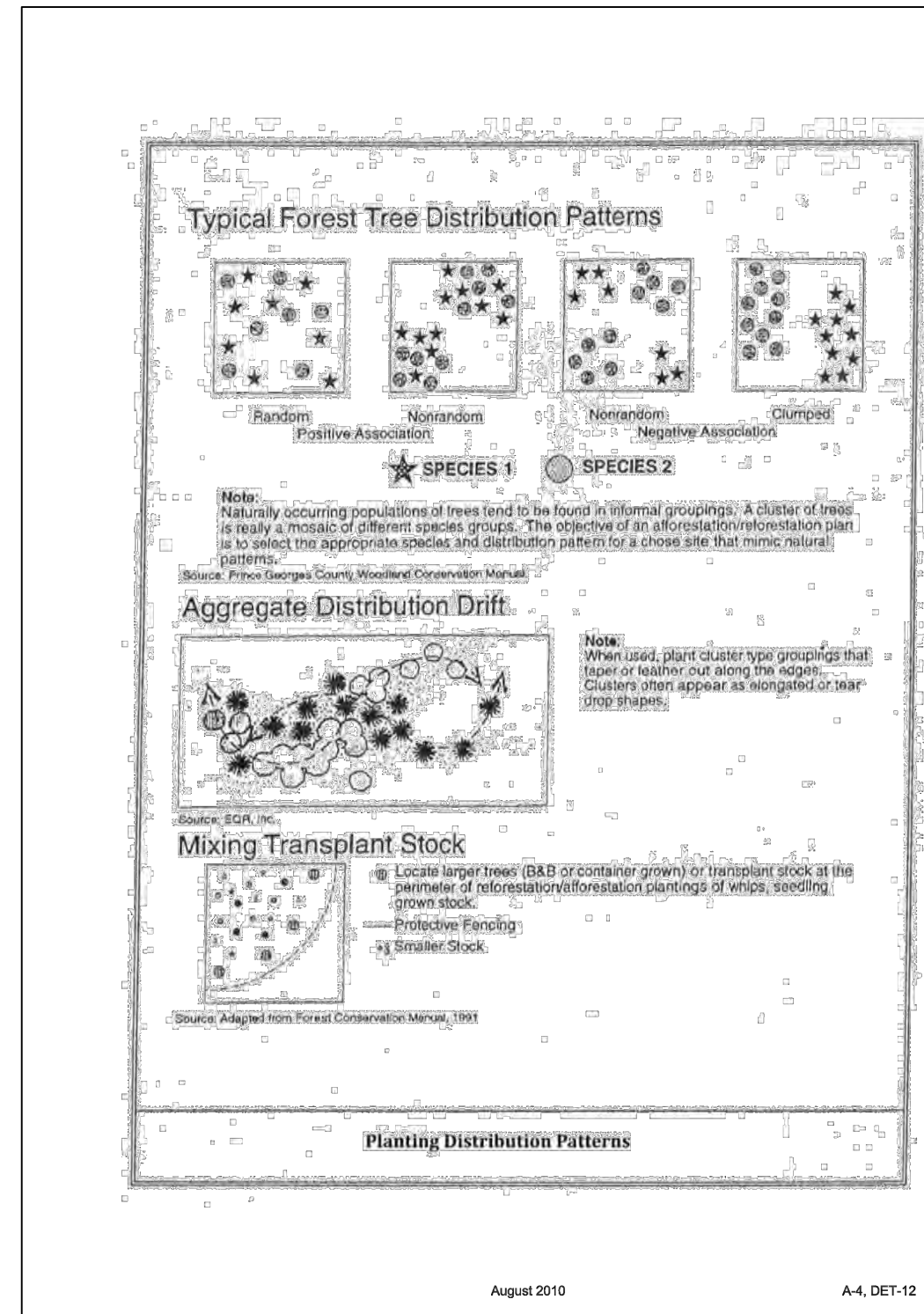
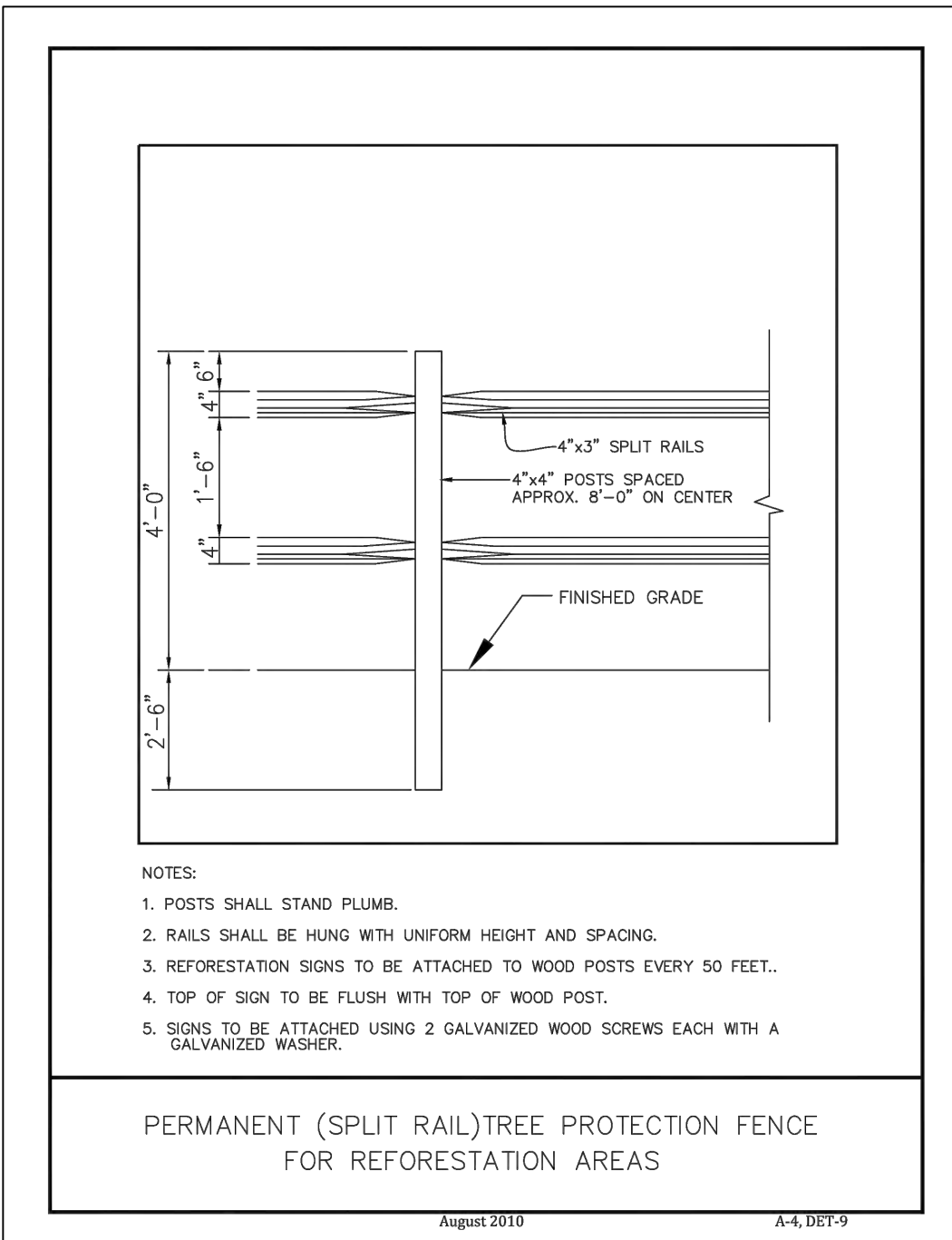
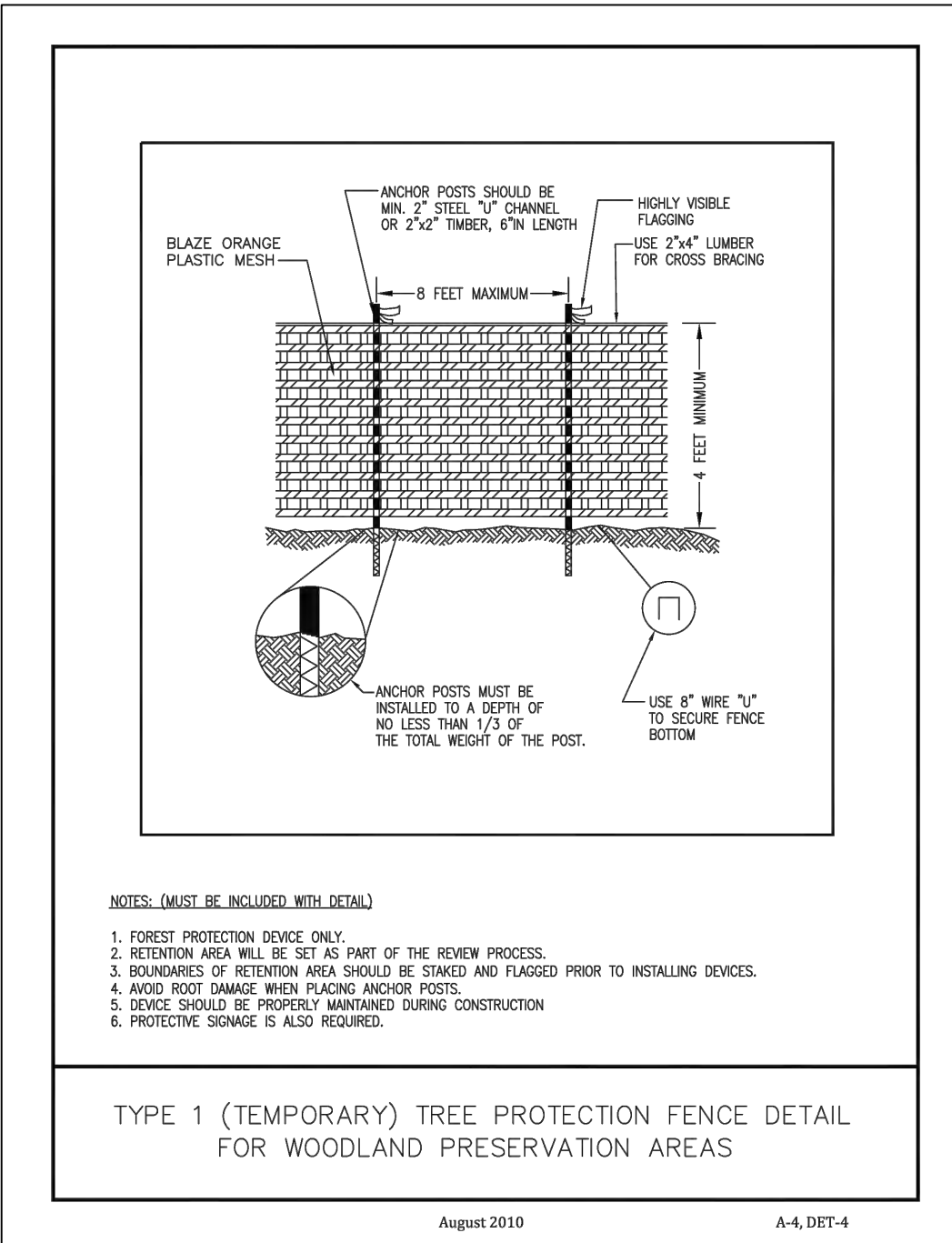
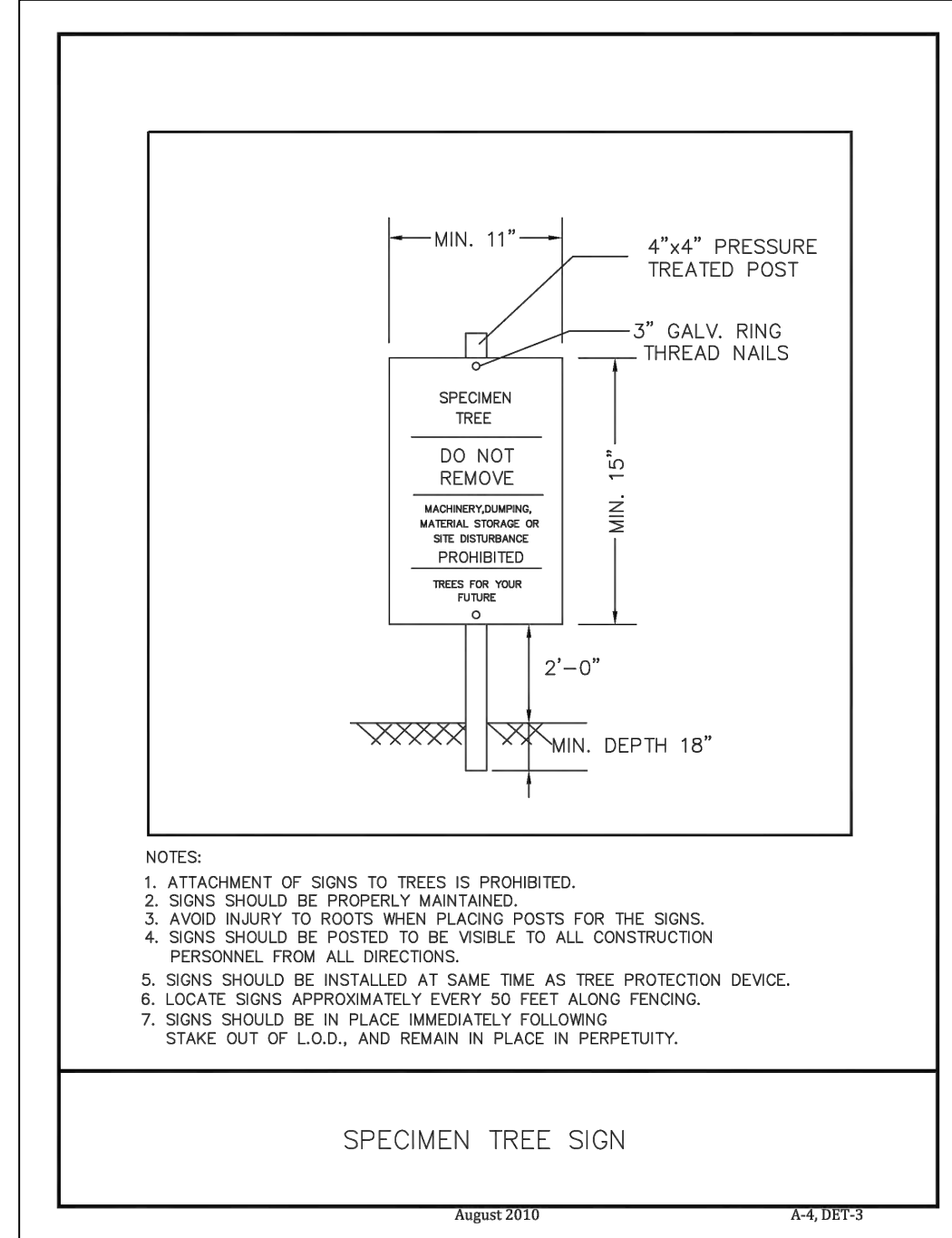
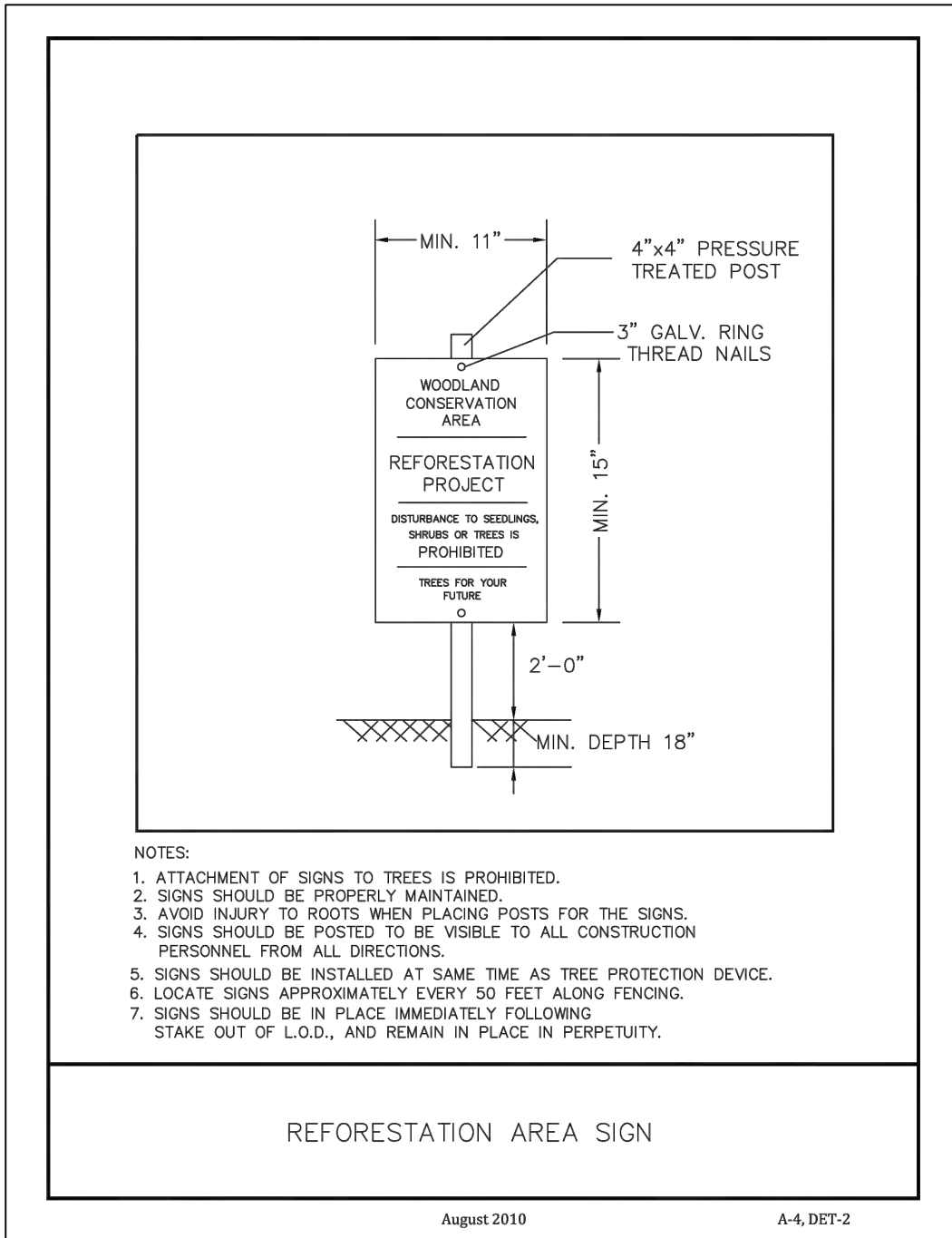
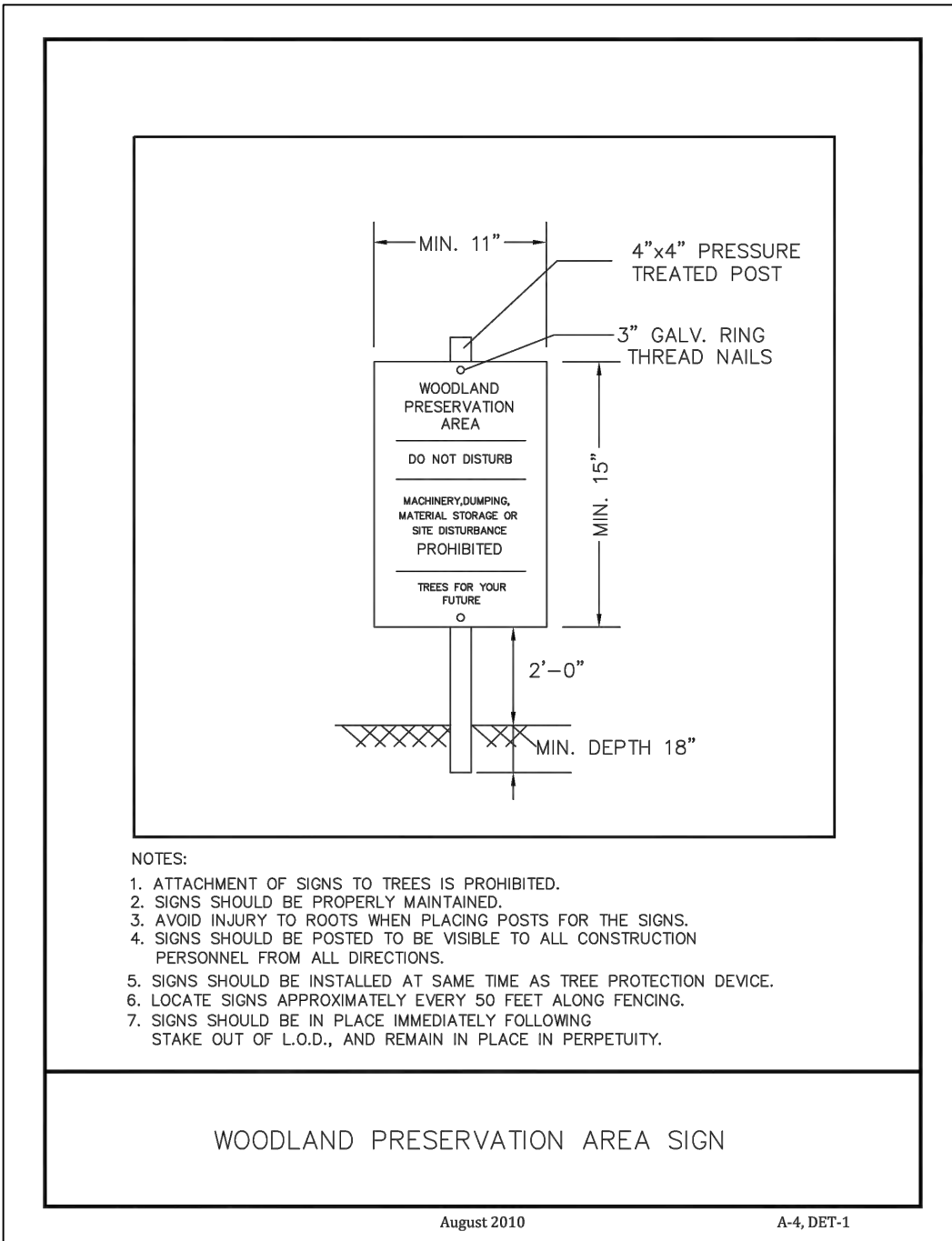
- Survival Check: Check planted stock against plant list (or as-built) by walking the site and taking inventory. Plants must show vitality. Submit field data forms (Condition Check Sheets) to owner after each inspection. Remove all dead plants.
- Reinforcement Planting: Replace dead or missing plants 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.
- 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.

**Offsite Mitigation Note**

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

**Post Development Notes**

- If the developer or builder no longer has an interest in the property and the new owner desires to remove a hazardous tree or portion thereof, the new owner shall obtain a written statement from a Certified Arborist or Licensed Tree Expert identifying the hazardous condition and the proposed corrective measures prior to having the work conducted. After proper documentation has been completed per the handout "Guidance for Prince George's County Property Owners, Preservation of Woodland Conservation Areas", the arborist or tree expert may then remove the tree. The stump shall be cut as close to the ground as possible and left in place. The removal or grinding of the stumps in the woodland conservation area is not permitted. If a tree or portions thereof are in imminent danger of striking a structure, parking area, or other high use area and may result in personal injury or property damage then the certification is not required and the permittee shall take corrective action immediately. The condition of the area shall be fully documented through photographs prior to corrective action being taken. The photos shall be submitted to the inspector for documentation of the damage.
- Tree work to be completed within a road right-of-way requires a permit from the Maryland Department of Natural Resources unless the tree removal is shown within the approved limits of disturbance on a TCP2. The work is required to be conducted by a Licensed Tree Expert.
- The removal of noxious, invasive, and non-native plant species from any woodland preservation area shall be done with the use of hand-held equipment only (pruners or a chain saw). These plants may be cut near the ground and material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.
- 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
- The use of any herbicide shall be done in accordance with the label instructions.
- The use of chainsaws is extremely dangerous and should not be conducted with poorly maintained equipment, without safety equipment, or by individuals not trained in the use of this equipment for the pruning and/or cutting of trees.

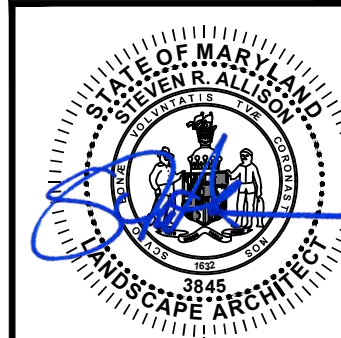


Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-009-2020			
Approved by	Date	DRD #	Reason for Revision
00	C Schneider	5/27/2020	
01			
02			
03			
04			
05			
06			
07			
08			

PROFESSIONAL  
CERTIFICATION

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

LICENSE NO. 3845  
EXPIRATION DATE: 10/16/23



REVISION	DATE	REVISION	DATE	REVISION	DATE

**OWNER/DEVELOPER:**

CALM RETREAT, LLC.  
10100 Business Parkway  
Lanham, MD 20706  
Attn: Kenneth Michael  
Phone: 301-459-4400  
kmichael@naimichaels.com

**CALM RETREAT**

ELECTION DISTRICT No. 11  
PRINCE GEORGE'S COUNTY, MARYLAND  
TAX MAP 154 GRID F2  
200 FOOT MAP 219SE07

**RODGERS CONSULTING**

1101 Mercantile Ln, Suite 280, Largo, Maryland 20774  
Ph: 301.948.4700 Fx: 301.948.6356 www.rodgers.com

BY	DATE
BASE DATA	BASE DATA
DESIGNED	SRA 12/2020
DRAWN	SRA/STAFF 12/2020
REVIEWED	SRA 01/2021
RODGERS CONTACT:	
RELEASE FOR	
BY: _____	DATE: _____

**TYPE 2  
TREE CONSERVATION PLAN  
NOTES & DETAILS**

SCALE:
JOB NO. 0750G
DATE: April 2021
SHEET No. 14 of 15



Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.36 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-1						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	16	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	13	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	15	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
UA	15	<i>Ulmus americana</i>	American elm	1" Cal.	B&B	Random Spacing
PT	13	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	16	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	15	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	14,993	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.26 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-2						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	12	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	9	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	12	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
UA	12	<i>Ulmus americana</i>	American elm	1" Cal.	B&B	Random Spacing
PT	9	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	12	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	12	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	11,289	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.46 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-3						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	25	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	16	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	16	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
UA	22	<i>Ulmus americana</i>	American elm	1" Cal.	B&B	Random Spacing
PT	16	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	22	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	22	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	20,228	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.16 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-4						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	10	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	5	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	5	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
LT	8	<i>Liriodendron tulipifera</i>	tulip poplar	1" Cal.	B&B	Random Spacing
PT	5	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	8	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	8	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	7,062	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.25 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-5						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	14	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	8	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	8	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
LT	14	<i>Liriodendron tulipifera</i>	tulip poplar	1" Cal.	B&B	Random Spacing
PT	8	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	12	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	12	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	10,999	Upland Meadow Establishment (SY)				

MEADOW ESTABLISHMENT LOWLAND MEADOW SEED					
FORBS  Select 8	PURE LIVE SEED*		GRASSES, SEDGES and RUSHES  Include All	PURE LIVE SEED*	
	GRAM PER yd <sup>2</sup>	LB PER ACRE		GRAM PER yd <sup>2</sup>	LB PER ACRE
Common Boneset <i>Eupatorium perfoliatum</i>	0.019	0.2	Big Bluestem <i>Andropogon gerardi</i>	0.188	2
Eastern Purple Coneflower <i>Echinacea purpurea</i>	0.113	1.2	Eastern Gramagrass <i>Tripsacum dactyloides</i>	0.188	2
Common Evening Primrose <i>Oenothera biennis</i>	0.019	0.2	Hard Fescue <i>Festuca ovina</i>	1.876	20
Lanceleaf Tickseed <i>Coreopsis lanceolata</i>	0.141	1.5	Indiangrass <i>Sorghastrum nutans</i>	0.188	2
Maximilian Sunflower <i>Helianthus maximiliani</i>	0.047	0.5	Perennial Rye Grass <i>Lolium perenne</i>	0.469	5
New England Aster <i>Symphotrichum novae-angliae</i>	0.019	0.2	Switchgrass <i>Panicum virgatum</i>	0.094	1
New York Ironweed <i>Vernonia noveboracensis</i>	0.019	0.2	Virginia Wildrye <i>Elymus virginicus</i>	0.047	0.5
Bearded Beggaricks <i>Bidens aristosa</i>	0.019	0.2	Note: *The rate shown is Pure Live Seed. Use germination and purity data from the seed tag to calculate the actual seeding rate needed to obtain the seeding rate in Pure Live Seed.		
Stiff Goldenrod <i>Oligoneuron rigidum</i>	0.028	0.3			
Swamp Verbena <i>Verbena hastata</i>	0.066	0.7			
Trumpetweed or Spotted Trumpetweed <i>Eutrochium maculatum</i>	0.019	0.2			

SHA 707 Meadow Establishment or approved equal.

Property Owners Awareness Certificate	
I, _____, hereby acknowledge that we are aware of this Type 2 Tree Conservation Plan (TCP2) and we understand the requirements set forth in this TCP2.	_____ Date _____
Owner or Owners Representative	_____ Date _____

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.38 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-6						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	20	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	13	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	13	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
LT	20	<i>Liriodendron tulipifera</i>	tulip poplar	1" Cal.	B&B	Random Spacing
PT	13	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	17	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	17	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	16,540	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.97 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-7						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	47	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	36	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	36	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
LT	45	<i>Liriodendron tulipifera</i>	tulip poplar	1" Cal.	B&B	Random Spacing
PT	36	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	45	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	45	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	42,108	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.29 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-8						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	15	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	10	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	10	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
LT	15	<i>Liriodendron tulipifera</i>	tulip poplar	1" Cal.	B&B	Random Spacing
PT	10	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	13	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	13	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	12,547	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.06 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-9						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	4	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	2	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	2	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
LT	3	<i>Liriodendron tulipifera</i>	tulip poplar	1" Cal.	B&B	Random Spacing
PT	2	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	3	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	3	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	2,767	Upland Meadow Establishment (SY)				

Woodland Afforestation/Reforestation Plant Schedule						
Acres: 0.06 1" Caliper / 300 Stems per acre						
MASTER PLANT SCHEDULE - WRA-10						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/COMMENT
<b>Deciduous and Conifer Trees</b>						
AR	3	<i>Acer rubrum</i>	red maple	1" Cal.	B&B	Random Spacing
IO	2	<i>Ilex opaca</i>	American holly	8' Ht.	B&B	Random Spacing
NS	2	<i>Nyssa sylvatica</i>	black gum	1" Cal.	B&B	Random Spacing
UA	3	<i>Ulmus americana</i>	American elm	1" Cal.	B&B	Random Spacing
PT	2	<i>Pinus taeda</i>	Virginia pine	8' Ht.	B&B	Random Spacing
QP	3	<i>Quercus palustris</i>	pin oak	1" Cal.	B&B	Random Spacing
QA	3	<i>Quercus alba</i>	white oak	1" Cal.	B&B	Random Spacing
<b>SEED MIXES</b>						
SHA UP	2,628	Upland Meadow Establishment (SY)				

STREET TREE PLANTING SCHEDULE

PLANT SCHEDULE									
SHADE TREES	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	CALIPER	SIZE	STATUS	SALT TOLERANT	
ARF	33	ACER RUBRUM 'FRANKSRED'	RED SUNSET MAPLE	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	SEMI	
AF	12	ACER X FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	SEMI	
CY	6	CLADRASTIS LUTEA	AMERICAN YELLOWWOOD	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	NO	
GD	42	GYMNOCALADUS DIOICUS 'ESPRESSO'	ESPRESSO KENTUCKY COFFEETREE	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	YES	
KP	16	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NON-NATIVE	YES	
LSR	18	LIQUIDAMBAR STYRACIFLUA 'ROTUNDILOBA' TM	ROUND-LOBED SWEET GUM	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	YES	
PC	10	PISTACIA CHINENSIS	CHINESE PISTACHE	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NON-NATIVE	SEMI	
QB	21	QUERCUS BICOLOR	SWAMP WHITE OAK	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	YES	
QC	11	QUERCUS COCCINEA	SCARLET OAK	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	YES	
QP	53	QUERCUS PHELLUS	WILLOW OAK	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	YES	
TR	32	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	NO	
TG	1	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	NO	
UA	30	ULMUS AMERICANA 'JEFFERSON'	JEFFERSON AMERICAN ELM	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NATIVE	SEMI	
UP	12	ULMUS PARVIFOLIA 'ALLEE'	ALLEE LACEBARK ELM	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NON-NATIVE	SEMI	
ZS	75	ZELKOVA SERRATA 'VILLAGE GREEN'	SAWLEAF ZELKOVA	B & B	2.5"-3" CAL	12'-14' AND 6' MIN. BRANCH HEIGHT	NON-NATIVE	SEMI	