

TYPE 2 TREE CONSERVATION WORKSHEET

Standard Woodland Conservation Worksheet for Prince George's County			
TCP2-010-2019			
SECTION I-Establishing Site Information- (Enter acres for each zone)			
1 Zone	O-S	R-18C	
2 Gross Tract	115.11	10.05	
3 Floodplain:	1.82	0.00	
4 Previously Dedicated Land:	0.00	0.00	0.00
5 Net Tract (NTA)	113.29	10.05	0.00
6 TCP Number	TCP1-9007	Revision #	2
7 Property Description or Subdivision Name:	THE FAIRWAYS		
8 Is this site subject to the 1989 or 1991 Ordinance	N		
9 Is this site subject to the 1991 Ordinance	N		
10 Subject to 2010 Ordinance and in PFA (Priority Funding Area)	Y		
11 Is this one (1) single family lot? (Y or N)	N		
12 Are there prior TCP approvals which include a	N		
13 combination of this lots? (Y or N)	N		
14 Is any portion of the property in a VC Bank? (Y or N)	N		
15 Break-even Point (preservation) =	58.66	acres	
16 Clearing permitted w/o reforestation =	46.91	acres	

SECTION II-Determining Requirements (Enter acres for each corresponding column)			
	Column A WCT/AFT %	Column B Net Tract	Column C Floodplain (1:1)
17 Existing Woodland		11.75	0.00
18 Woodland Conservation Threshold (WCT) =	47.56%	58.66	
19 Smaller of 17 or 18		11.75	
20 Woodland above WCT		0.00	
21 Woodland cleared		9.36	0.00
22 Woodland cleared above WCT (smaller of 18 or 17)		0.00	0.46
23 Clearing above WCT (0.25 : 1) replacement requirement		0.00	
24 Woodland cleared below WCT		9.36	
25 Clearing below WCT (2:1 replacement requirement)		18.72	
26 Aforestation Required Threshold (AFT) =	19.59%	12.42	
27 Off-site WCA being provided on this property		0.00	
28 Woodland Conservation Required		33.99	acres

SECTION III-Meeting the Requirements (Enter acres for each corresponding column)			
29 Woodland Preservation		1.81	
30 Aforestation / Reforestation		13.54	Bond amount: \$ 210,786.84
31 Natural Regeneration		0.00	
32 Landscape Credits		2.59	
33 Specimen/Historic Tree Credit (CRZ area * 2.0)	0.39	0.78	
34 Forest Enhancement Credit (Area * 2.5)	0.00	0.00	
35 Street Tree Credit (Existing or 10-year canopy coverage)		0.00	
36 Area approved for fee-in-lieu		0.00	Fee amount: \$0.00
37 Off-site Woodland Conservation Credits Required		15.27	
38 Off-site WCA (preservation) being provided on this property		0.00	
39 Off-site WCA (aforestation) being provided on this property		0.00	
40 Woodland Conservation Provided		33.99	acres
41 Area of woodland not cleared	2.39	acres	
42 Net tract woodland retained not part of requirements:	0.58	acres	
43 100-foot floodplain woodland retained	0.00	acres	
44 On-site woodland conservation provided	15.35	acres	
45 On-site woodland conservation alternatives provided	3.37		
46 On-site woodland retained not credited	0.58	acres	

47 Prepared by: Meredith Byer
Date: 10/26/2020

NOTE: This plan is in accordance with the following variance(s) from the strict requirements of Subtitle 25 approved by the Planning Board on 03-26-2020 for the removal of the following specified specimen trees (Section 25-122(b)(1)(G)): 2, 8-11, 13-15, 30-32, 34-38, 40-46, 48-51, 53-54, 58-70, 73-82, 84-96, 101-102, 104-115, 118-122, 140-154, 158-164, 166-215, 219, 222-225, 227, 228, 229-A, 230-232, 234, 240-242, 245-248, 250, 252, 256-257, and the variance approved by the Planning Board on 05-16-2020 for the removal of the following specimen trees (Section 25-122(b)(1)(G)): 3, 4, 5, A, 27, 33-34, 71, 72, 123, 124, 133, 165, 221, 236, 243, 244, 253.

WOODLAND SUMMARY TABLE

WOODLAND PRESERVATION (WPA)		ACRES
WPA #1	0.43	
WPA #2	0.66	
WPA #3	0.72	
TOTAL WPA	1.81	
WOODLAND CLEARING (WCA)		ACRES
WCA #1	4.32	
WCA #2	1.70	
WCA #3	1.25	
WCA #4	0.64	
WCA #5	0.16	
WCA #6	0.57	
WCA #7	0.70	
WCA #8	0.02	
TOTAL WCA	9.36	
WOODLAND RETAINED - NOT CREDITED (WR-NC)		ACRES
WR-NC #1	0.44	
WR-NC #2	0.14	
TOTAL WR-NC	0.58	
WOODLAND CLEARED-OFF SITE (WC-OS)		ACRES
WC-OS #1	0.45	
WC-OS #2	0.01	

ON-SITE LANDSCAPE CREDIT (LSC)		ACRES
LSC #1	0.22	
LSC #2	0.23	
LSC #3	0.35	
LSC #4	0.13	
LSC #5	0.25	
LSC #6A	0.14	
LSC #6B	0.20	
LSC #7A	0.17	
LSC #7B	0.17	
LSC #8	0.18	
LSC #9	0.12	
LSC #10	0.15	
LSC #11	0.28	
TOTAL LSC	2.59	
WOODLAND AFFORESTATION / REFORESTATION (WRA)		ACRES
WRA #1	1.19	
WRA #2	0.69	
WRA #3	1.28	
WRA #4	0.98	
WRA #5	1.16	
WRA #6	0.36	
WRA #7	0.34	
WRA #8	1.45	
WRA #9	0.77	
WRA #10	0.65	
WRA #11	1.85	
WRA #12	1.02	
WRA #13	1.41	
WRA #14	0.37	
TOTAL WRA	13.54	
SPECIMEN TREE CREDITS		ACRES
#98	0.38	
#103	0.40	
TOTAL SPECIMEN TREE	0.78	

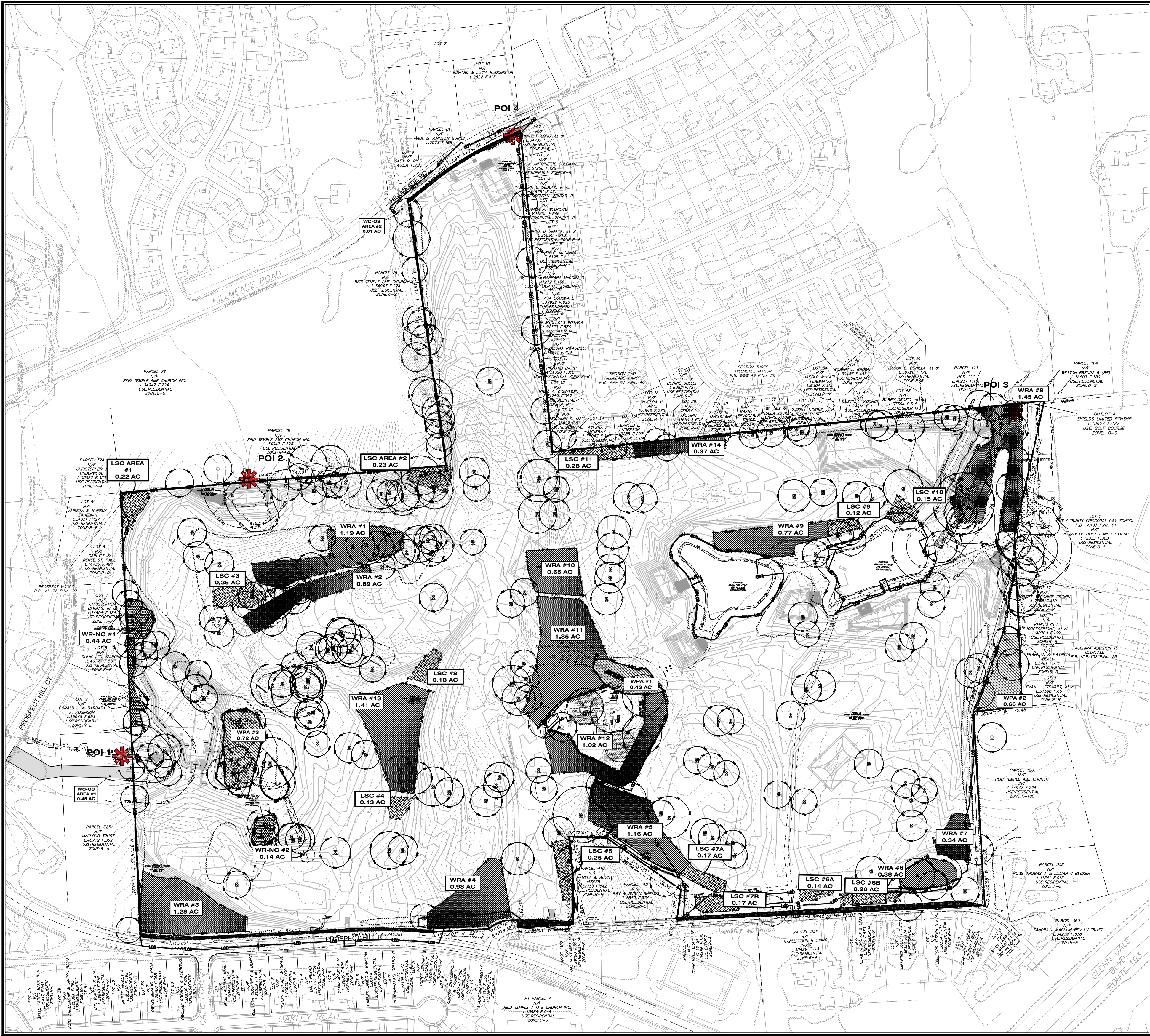
GRAND TOTAL 16.91

C

B

A

THE FAIRWAYS TYPE 2 TREE CONSERVATION PLAN FOR ROUGH GRADING



THIS PLAN IS FOR ENTITLEMENT PURPOSES ONLY AND SHALL NOT BE UTILIZED FOR CONSTRUCTION.

SCALE 1" = 200'

General Information table		
Layer Category	Layer Name	Value
Zone	Zoning	O-S, R-18C
Zone	Aviation Policy Area (APA)	None
Administrative	Tax Grid (TMG)	36-E2, 36-D2
Administrative	WSSC Grid (Sheet 20)	209NE10
Administrative	Planning Area (Plan Area)	70
Administrative	Election District (ED)	14
Administrative	Councilmanic District (CD)	4
Administrative	General Plan 2002 Tier (Tier)	Developing
Administrative	General Plan Growth Policy (2035)	Established Communities
Administrative	Police District	II

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

DRAWN BY: CGB
APPROVED BY: MB
CHECKED BY: DJS
DATE: JULY 2020

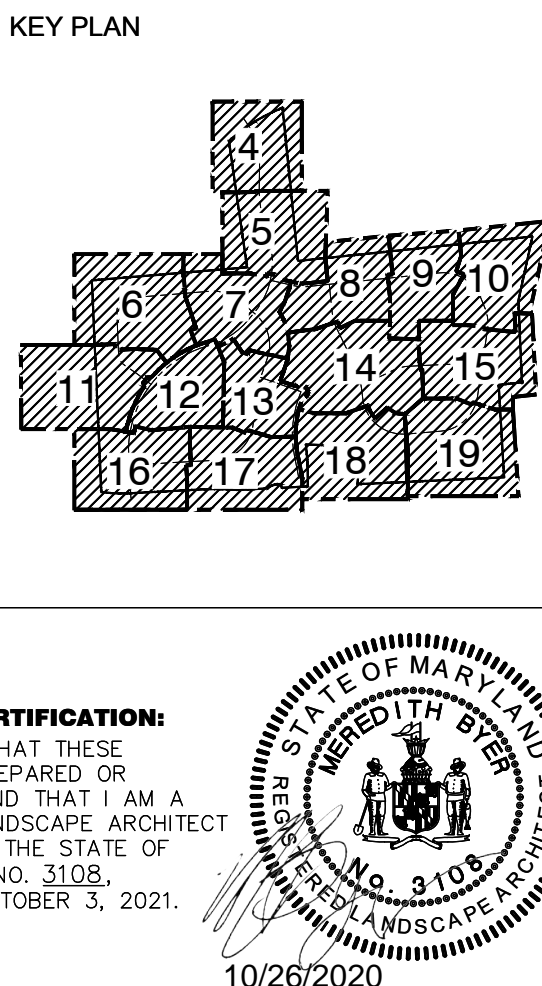
OWNER/APPLICANT
SLDM, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

CONTACT
SEAN F. BRUCE
301.502.0956
sfbdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

SCALE(S)
AS SHOWN
Unless otherwise noted

Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
Approved by	Date	DRD#	Reason for Revision
00		DSP-19007	
01	Meredith Byer	10/27/2020	For Permit
02			
03			
04			
05			
06			
SEAL			
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31081 EXPIRATION DATE: OCTOBER 3, 2021.			
NO.	DESCRIPTION	DATE	BY
REVISIONS			



THE FAIRWAYS

PRINCE GEORGE'S COUNTY
MARYLAND

TYPE 2 TREE CONSERVATION
PLAN FOR ROUGH GRADING
COVER SHEET

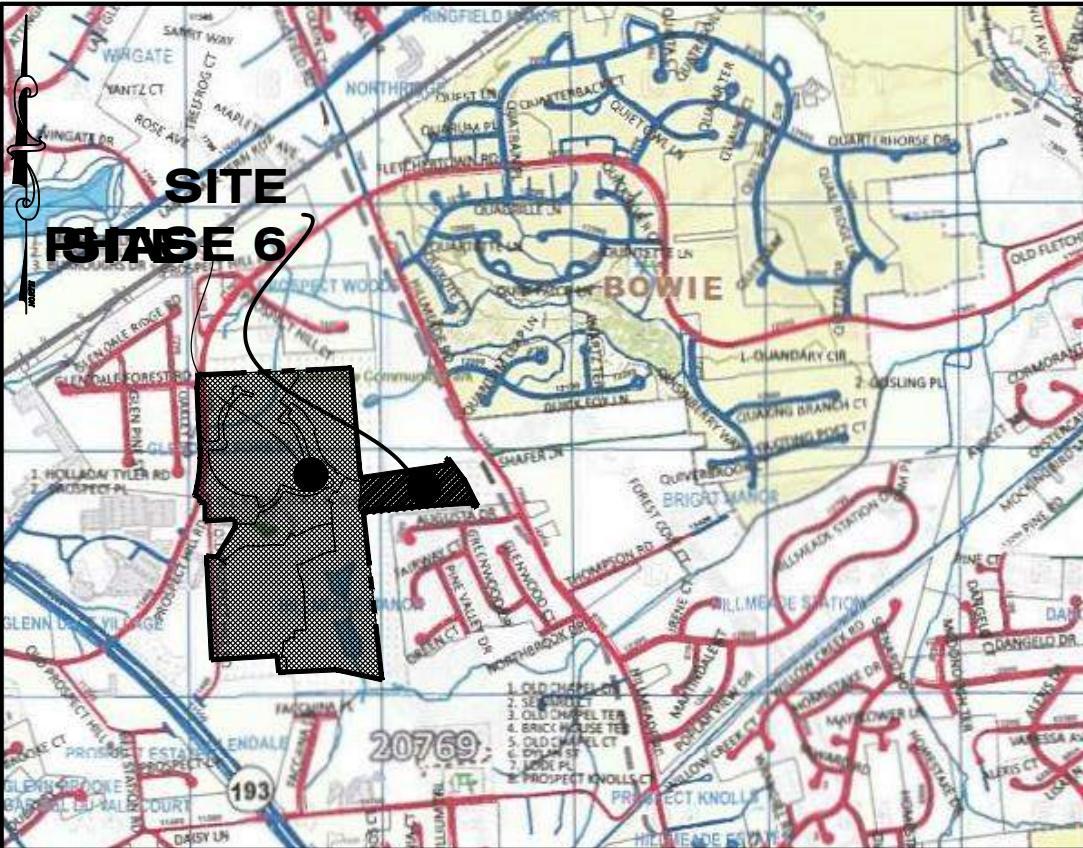
Dewberry

Dewberry Engineers Inc.
4601 Forbes Boulevard, Suite 300
Lanham, MD 20706
301.731.5551
301.731.0188 fax

PROJECT NO. 50107161

1

SHEET NO. 1 of 22



VICINITY MAP
SCALE: 1" = 2000'
Vicinity Map © ADC - Kappa Map Group LLC/GIS
Integrated Solutions LLC 2014
PRINCE GEORGE'S COUNTY
ROAD ATLAS
MAP 5412 GRID B2-3, C2-3

- ### SHEET INDEX
- COVER SHEET
 - DETAIL SHEET
 - PLAN SHEETS
 - SPECIMEN TREE TABLES

SWM SCHEDULE

BIO-SWALE: 4
MICRO-BIORETENTION: 9
SUBMERGED GRAVEL WETLAND: 4

ABBREVIATIONS

BIOS - BIO-SWALE
MBIO - MICRO-BIORETENTION
POI - POINT OF INTEREST
SGW - SUBMERGED GRAVEL WETLAND

- ### REFERENCES
- DSP - 19007
 - SWM CONCEPT - 4923-2019-0
 - NRI - 059-2019
 - PRELIMINARY PLAN 4-19005
 - SDFG PERMIT - XXXXX-XXXX-X

F

STANDARD TYPE 2 TREE CONSERVATION PLAN NOTES

- 1. THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR THE FAIRWAYS, ROUGH GRADING PERMIT #21641-2020-0. IF THE FAIRWAYS ROUGH GRADING PERMIT # 21641-2020-0 EXPIRES, THEN THIS TCP2 ALSO EXPIRES AND IS NO LONGER VALID.
- 2. CUTTING OR CLEARING WOODLANDS NOT IN CONFORMANCE WITH THIS PLAN OR WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PLANNING DIRECTOR OR DESIGNEE SHALL BE SUBJECT TO A \$80 PER SQUARE FOOT MITIGATION FEE.
- 3. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PERMITTING, INSPECTIONS, AND ENFORCEMENT, AS APPROPRIATE, SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTRUCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL.
- 4. THE DEVELOPER OR BUILDER OF THE LOTS OR PARCELS SHOWN ON THIS PLAN SHALL NOTIFY FUTURE BUYERS OF ANY WOODLAND CONSERVATION AREAS THROUGH THE PROVISION OF A COPY OF THIS PLAN AT TIME OF CONTRACT SIGNING. FUTURE PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT.
- 5. THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.
- 6. THE PROPERTY IS WITHIN THE DEVELOPING TIER AND IS ZONED O-S, AND R-18C.
- 7. THE PROPERTY IS ADJACENT TO HILLMEADE ROAD WHICH IS A DESIGNATED HISTORIC ROADWAY.
- 8. THE PROPERTY IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
- 9. PLAN IS NOT GRANDFATHERED UNDER CB-27-2010, SECTION 25.117(G)

TREE PRESERVATION AND RETENTION NOTES

- 10. 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.
- 11. TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN.
- 12. THE LOCATION OF ALL TEMPORARY TREE PROTECTION FENCING (TPF) 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.
- 13. 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.
- 14. WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TCPF INSTALLATION. THESE SIGNS MUST REMAIN IN PERPETUITY.

REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS

- 15. 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.
- 16. A TREE IS CONSIDERED HAZARDOUS IF A CONDITION IS PRESENT WHICH LEADS A CERTIFIED ARBORIST OR LICENSED TREE EXPERT TO BELIEVE THAT THE TREE OR A PORTION OF THE TREES HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.
- 17. 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.
- 18. IF A TREE OR TREES BECOME HAZARDOUS PRIOR TO BOND RELEASE FOR THE PROJECT, DUE TO STORM EVENTS OR OTHER SITUATIONS NOT RESULTING FROM AN ACTION BY THE PERMITEE, PRIOR TO REMOVAL, A CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MUST CERTIFY THAT THE TREE OR THE PORTION OF THE TREE IN QUESTION HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.

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

DEBRIS FROM THE TREE REMOVAL OR PRUNING THAT OCCURS WITHIN 35 FEET OF THE WOODLAND EDGE MAY BE REMOVED AND PROPERLY DISPOSED OR BY RECYCLING, CHIPPING OR OTHER ALTERNATE METHODS. 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.

- 19. 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.
- 20. WOODLAND PRESERVED, PLANTED OR REGENERATED IN FULFILLMENT OF WOODLAND CONSERVATION REQUIREMENTS ON-SITE HAVE BEEN PLACED IN A WOODLAND AND WILDLIFE HABITAT CONSERVATION GUIDANCE FOR PREPARATION AND RECORDING OF ON-SITE WOODLAND CONSERVATION EASEMENTS ENVIRONMENTAL PLANNING SECTION, PRINCE GEORGES COUNTY PLANNING DEPARTMENT PAGE 3 EASEMENT RECORDED IN THE PRINCE GEORGES COUNTY LAND RECORDS AT LIBER _____ FOLIO _____. REVISIONS TO THIS TCP2 MAY REQUIRE A REVISION TO THE RECORDED EASEMENT.

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 OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGES COUNTY. PROOF OF RECORDED OF THE OFF-SITE CONSERVATION SHALL BE PROVIDED TO THE M-NCPPC, PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.

WHEN INVASIVE PLANT SPECIES ARE TO BE REMOVED BY THE PERMITEE:

- A. INVASIVE PLANT REMOVAL SHALL BE COMPLETED PRIOR TO REFORESTATION PLANTING AND CONFORM TO THE RECOMMENDATIONS OF THE INVASIVE PLANT REMOVAL PLAN SHOWN ON THE PLAN PREPARED BY MEREDITH BYER DATED OCTOBER 2020
- B. THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE 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, NON-NATIVE PLANTS GREATER THAN TWO INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.
- C. THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE RE-SPROUTING OF INVASIVE, NOXIOUS, OR NON-NATIVE PLANTS IS PERMITTED IF DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS AND BE APPLIED BY A CERTIFIED PESTICIDE APPLICATOR.

AFFORESTATION AND REFORESTATION NOTES:

- 1. ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FOOTAGE, SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF ANY PERMITS. THESE BONDS WILL BE RETAINED AS SURETY UNTIL ALL REQUIRED ACTIVITIES HAVE BEEN SATISFIED OR THE REQUIRED TIMEFRAME FOR MAINTENANCE HAS PASSED, WHICHEVER IS LONGER.
- 2. THE PLANTING OF AFFORESTATION OR REFORESTATION AREAS SHALL BE COMPLETED PRIOR TO THE ISSUANCE OF THE FIRST BUILDING PERMIT. (THIS STANDARD NOTE MAY BE MODIFIED AS NECESSARY TO ADDRESS WHICH BUILDING PERMITS ARE ADJACENT TO THE PROPOSED PLANTING AREA). SEEDLING PLANTING IS TO OCCUR FROM NOVEMBER THROUGH MAY ONLY. NO PLANTING SHALL BE DONE WHILE THE GROUND IS FROZEN. PLANTING WITH LARGER CALIPER STOCK OR CONTAINERIZED STOCK MAY BE DONE AT ANY TIME PROVIDED A DETAILED MAINTENANCE SCHEDULE IS PROVIDED.
- 3. IF PLANTING CANNOT OCCUR DUE TO PLANTING CONDITIONS, THE DEVELOPER OR PROPERTY OWNER SHALL INSTALL THE FENCING AND SIGNAGE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN. PLANTING SHALL THEN BE ACCOMPLISHED DURING THE NEXT PLANTING SEASON. IF PLANTING IS DELAYED BEYOND THE TRANSFER OF THE PROPERTY TITLE TO THE HOMEOWNER, THE DEVELOPER OR BUILDER SHALL OBTAIN A SIGNED STATEMENT FROM THE PURCHASER INDICATING THAT THEY UNDERSTAND THAT THE REFORESTATION AREA IS LOCATED ON THEIR PROPERTY AND THAT REFORESTATION WILL OCCUR DURING THE NEXT PLANTING SEASON. A COPY OF THAT DOCUMENT SHALL BE PRESENTED TO THE COUNTY INSPECTOR.
- 4. REFORESTATION AREAS SHALL NOT BE MOWED. THE MANAGEMENT OF COMPETING VEGETATION AROUND INDIVIDUAL TREES AND THE REMOVAL OF NOXIOUS, INVASIVE AND NON-NATIVE VEGETATION WITHIN THE REFORESTATION AREAS IS ACCEPTABLE.
- 5. ALL REQUIRED TEMPORARY TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE PERMANENT TREE PROTECTION FENCING IS INSTALLED WITH THE REQUIRED PLANTING. THE TEMPORARY FENCING IS NOT REQUIRED TO BE INSTALLED IF THE PERMANENT FENCING IS INSTALLED PRIOR TO THE CLEARING AND GRADING OF THE SITE. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE FENCING IS A VIOLATION OF THIS TCP2.
- 6. AFFORESTATION / REFORESTATION AREAS SHALL BE POSTED WITH NOTIFICATION SIGNAGE, AS SHOWN ON THE PLANS, AT THE SAME TIME AS THE PERMANENT PROTECTION FENCING INSTALLATION. THESE SIGNS SHALL REMAIN IN PERPETUITY.
- 7. THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTING ON THIS SITE.
- 8. AT TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORMATION SHALL BE SUBMITTED TO THE M-NCPPC PLANNING DEPARTMENT REGARDING THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN: CONTRACTOR NAME, BUSINESS NAME (IF DIFFERENT), ADDRESS, AND PHONE NUMBER.
- 9. RESULT OF ANNUAL SURVIVAL CHECK FOR EACH OF THE REQUIRED FOUR YEARS AFTER TREE PLANTING SHALL BE REPORTED TO THE M-NCPPC, PLANNING DEPARTMENT.
- 10. FAILURE TO ESTABLISH THE AFFORESTATION OR REFORESTATION WITHIN THE PRESCRIBED TIME FRAME WILL RESULT IN THE FORFEITURE OF THE REFORESTATION BOND AND/OR A VIOLATION OF THIS PLAN INCLUDING THE ASSOCIATED \$9.00 PER SQUARE FOOT PENALTY UNLESS THE COUNTY INSPECTOR APPROVES A WRITTEN EXTENSION.

PLANTING SPECIFICATION NOTES

- 1. QUANTITY: (SEE PLANT SCHEDULE)
- 2. TYPE: (SEE PLANT SCHEDULE)
- 3. PLANT QUALITY STANDARDS: THE PLANTS SELECTED SHALL BE HEALTHY AND STURDY REPRESENTATIVE OF THEIR SPECIES. SEEDLINGS SHALL HAVE A MINIMUM TOP GROWTH OF 18". THE DIAMETER OF THE ROOT COLLAR (THE PART OF THE ROOT JUST BELOW GROUND LEVEL) SHALL BE AT LEAST 3/8". THE ROOTS SHALL BE WELL DEVELOPED AND AT LEAST 8" LONG, NO MORE THAN TWENTY-FIVE PERCENT (25%) OF THE ROOT SYSTEM (BOTH PRIMARY AND AUXILIARY/FIBROUS ROOTS) SHALL BE PRESENT.

PLANTS THAT DO NOT HAVE AN ABUNDANCE OF WELL DEVELOPED TERMINAL BUDS ON THE LEADERS AND BRANCHES SHALL BE REJECTED.

PLANTS SHALL BE SHIPPED BY THE NURSERY IMMEDIATELY AFTER LIFTING FROM THE FIELD OR REMOVAL FROM THE GREEN HOUSE, AND PLANTED IMMEDIATELY UPON RECEIPT BY THE LANDSCAPE CONTRACTOR.

IF THE PLANTS CANNOT BE PLANTED IMMEDIATELY AFTER DELIVERY TO THE REFORESTATION SITE, THEY SHALL BE STORED IN THE SHADE WITH THEIR ROOT MASSES PROTECTED FROM DIRECT EXPOSURE TO SUN AND WIND BY THE USE OF STRAW, PEAT MOSS, COMPOST, OR OTHER SUITABLE MATERIAL ANS SHALL BE MAINTAINED THROUGH PERIODIC WATERING, UNTIL THE TIME OF PLANTING.

- 4. PLANT HANDLING: THE QUANTITY OF SEEDLINGS TAKEN TO THE FIELD SHALL NOT EXCEED THE QUANTITY THAT CAN BE PLANTED IN A DAY. SEEDLINGS, ONCE REMOVED FROM THE NURSERY OR TEMPORARY STORAGE AREA SHALL BE PLANTED IMMEDIATELY.
- 5. TIMING OF PLANTING: THE BEST TIME TO PLANT SEEDLINGS IS WHILE THEY ARE DORMANT, PRIOR TO SPRING BUDDING. THE MOST SUITABLE MONTHS FOR PLANTING ARE MARCH AND APRIL, WHEN THE SOILS IS MOIST, BUT MAY BE PLANTED FROM MARCH THROUGH NOVEMBER. NO PLANTING SHALL BE DONE WHILE THE GROUND IS FROZEN. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE ISSUANCE OF GRADING/BUILDING PERMITS AND/OR REACHING THE FINAL GRADES AND STABILIZATION OF PLANTING AREAS.
- 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 SHALL NOT BE TWISTED, BALLED UP OR BENT. MOIST SOIL SHOULD THEN BE PACKED FIRMLY AROUND THE ROOTS. SEEDLINGS SHOULD BE PLANTED AT A DEPTH WHERE THEIR ROOTS LIE JUST BELOW THE GROUND SURFACE. AIR POCKETS SHOULD NOT BE LEFT AFTER CLOSING THE HOLE WHICH WOULD ALLOW THE ROOTS TO TRY OUT. SEE PLANTING DETAILS FOR FURTHER EXPLANATION. IF THE CONTRACTOR WISHES TO PLANT BY ANOTHER METHOD, THE PREPARER OF THIS TREE CONSERVATION PLAN MUST BE CONTRACTED AND GIVE HIS APPROVAL BEFORE PLANTING MAY BEGIN.
- 7. SPACING: SEE PLANT SCHEDULE AND/OR PLANTING PLAN FOR SPACING REQUIREMENTS. ALSO REFER TO THE PLANTING LAYOUT DETAIL FOR A DESCRIPTION OF THE GENERAL PLANTING THEORY.
- 8. SOIL: UPON THE COMPLETION OF ALL GRADING OPERATIONS, A SOIL TEST SHALL BE CONDUCTED TO DETERMINE WHAT SOIL PREPARATION AND SOIL AMENDMENTS, IF ANY, ARE NECESSARY TO CREATE GOOD TREE GROWING CONDITIONS. SOIL SAMPLES SHALL BE TAKEN AT A RATE THAT PROVIDES ONE SOIL SAMPLE FOR EACH AREA THAT APPEARS TO HAVE A DIFFERENT SOIL TYPE (IF THE ENTIRE AREA APPEARS UNIFORM, THEN ONLY ON SAMPLE IS NECESSARY), AND SUBMITTED FOR TESTING TO A PRIVATE COMPANY. THE COMPANY OF CHOICE SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE EXISTING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRECTIONS OF SOIL TEXTURE, PH, MAGNESIUM, PHOSPHORUS, POTASSIUM, CALCIUM AND ORGANIC MATTER.
- 9. SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.
- 10. FENCING AND SIGNAGE: FINAL PROTECTIVE FENCING SHALL BE PLACED ON THE VISIBLE AND/OR DEVELOPMENT SIDE OF PLANTING AREAS. THE FINAL PROTECTIVE FENCE SHALL BE INSTALLED UPON COMPLETION OF PLANTING OPERATIONS UNLESS IT WAS INSTALLED DURING THE INITIAL STAGES OF DEVELOPMENT. SIGNS SHALL BE POSTED PER THE SIGNAGE DETAIL ON THIS SHEET.
- 11. PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN.
- 12. MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MULCH (AS NOTED) TO EACH PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN).
- 13. GROUND COVER 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: AMERICAN NATIVE PLANTS, 7500 MARSHY POINT ROAD, MIDDLE RIVER, MD 21222, PH 410-529-0552, OR TUCKAHOE NURSERY, 2 TARKILN RD, WOODBINE, NJ 08270, OR ABBY FARMS, 1711 ACCOKEEK RD, WALDORF, MD 20601, OR EQUAL AS APPROVED BY OWNER

POST DEVELOPMENT NOTES

WHEN WOODLANDS AND/OR SPECIMEN, HISTORIC OR CHAMPION TREES ARE TO REMAIN:

- a. IF THE DEVELOPER OR BUILDER NO LONGER HAS AN INTEREST IN THE PROPERTY AND THE NEW OWNER DESIRES TO REMOVE A HAZARDOUS TREE OR PORTION THEREOF, THE NEW OWNER SHALL OBTAIN A WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR LICENSED TREE EXPERT IDENTIFYING THE HAZARDOUS CONDITION AND THE PROPOSED CORRECTIVE MEASURES PRIOR TO HAVING THE WORK CONDUCTED. AFTER PROPER DOCUMENTATION HAS BEEN COMPLETED PER THE HANDOUT "GUIDANCE FOR PRINCE GEORGES COUNTY PROPERTY OWNERS, PRESERVATION OF WOODLAND AND 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.
- b. IF A TREE OR PORTION THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREAS AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE. TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.
- c. 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.
- d. 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.
- e. THE USE OF CHAINSAWS IS EXTREMELY DANGEROUS AND SHOULD NOT BE CONDUCTED WITH POORLY MAINTAINED EQUIPMENT, WITHOUT SAFETY EQUIPMENT, OR BY INDIVIDUALS NOT TRAINED IN THE USE OF THIS EQUIPMENT FOR THE PRUNING AND/OR CUTTING OF TREES.

PROTECTION OF REFORESTATION AND AFFORESTATION AREAS BY INDIVIDUAL HOMEOWNERS

- a. REFORESTATION FENCING AND SIGNAGE SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN.
- b. REFORESTATION AREAS SHALL NOT BE MOWED; HOWEVER, THE MANAGEMENT OF COMPETING VEGETATION AND REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION AROUND INDIVIDUAL TREES IS ACCEPTABLE.

FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS

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

- YEAR 1: SITE PREPARATION AND TREE PLANTING
SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER-NOVEMBER) SEE NOTE 1
WATERING IS NEEDED (2 X MONTH)
CONTROL OF UNDESIRABLE VEGETATION AS NEEDED (1 X IN JUNE AND 1 X IN SEPTEMBER MIN.)
- YEAR 2-3: REINFORCEMENT PLANTING IS NEEDED (SEE NOTE 2)
SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER-NOVEMBER)
CONTROL OF UNDESIRABLE VEGETATION IF NEEDED (1 X IN MAY AND 1 X IN AUGUST MIN.)
- YEAR 4: REINFORCEMENT PLANTING IF NEEDED. (SEE NOTE 2)
SURVIVAL CHECK (SEPTEMBER-NOVEMBER)

- 1. SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT LIST (OR AS-BUILT) BY WALKING THE SITE AND TAKING INVENTORY. PLANTS MUST SHOW VITALITY. SUBMIT FIELD DATA FORMS (CONDITION CHECK SHEETS) TO OWNER AFTER EACH INSPECTION. REMOVE ALL DEAD PLANTS.
- 2. REINFORCEMENT PLANTING: REPLACE DEAD OR MISSING PLANTS IN SUFFICIENT QUANTITY TO BRING THE TOTAL NUMBER OF LIVE PLANTS TO AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED. IF A PARTICULAR SPECIES SUFFERS UNUSUALLY HIGH MORTALITY, REPLACE WITH AN ALTERNATIVE PLANT TYPE.
- 3. MISCELLANEOUS: FERTILIZATION OR WATERING DURING YEARS 1 THROUGH 3 WILL BE DONE ON AN AS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATIONS WILL BE CONDUCTED ON AN AS NEEDED BASIS.

INVASIVE SPECIES MANAGEMENT PLAN

SCOPE OF PLAN:

THE REMOVAL OF INVASIVE SPECIES ON SITE, TO REDUCE THE AMOUNT OF INVASIVE SPECIES TO LESS THAN TWENTY PERCENT OF THE CANOPY LAYER PER THE REQUIREMENTS OF THE ENVIRONMENTAL TECHNICAL MANUAL.

THE MAJORITY OF THE INVASIVE SPECIES ARE SIBERIAN ELMS AND BRADFORD PEAR FOUND THROUGHOUT THE SITE.

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" (2016 OR MOST RECENT REVISION) PREPARED BY THE NATURAL RESOURCES STEWARDSHIP SECTION, PARK PLANNING AND RESOURCE STEWARDSHIP DIVISION, MONTGOMERY COUNTY DEPARTMENT OF PARKS, M-NCPPC AND CAN BE FOUND AT: http://www.montgomeryparks.org/PSPSD/Natural_Resources_Stewardship/Veg_Management/documents/nri-bestmanagementpractices-jan2015.pdf

INITIATION OF CONTROL MEASURES

- 4. PRIOR TO BEGINNING INVASIVE CONTROL, IDENTIFY AREAS OF EACH PLANT TO BE ERADICATED. UTILIZE A LICENSED HERBICIDE APPLICATOR AND OBTAIN APPROVAL FOR USE OF HERBICIDES.
- 5. PER THE SPECIFIC CONTROL METHODS FOR EACH SPECIES, THERE ARE SEASONAL REQUIREMENTS FOR APPLICATION OF CONTROLS THAT WILL MAXIMIZE SUCCESS. IMPLEMENTATION OF CONTROL MEASURES WHICH SHOULD BE TAKEN INTO ACCOUNT WHEN THE SITE EVALUATION IS PERFORMED. THESE REQUIREMENTS SHALL BE DETERMINED BY THE QUALIFIED PROFESSIONAL AND IMPLEMENTED BY A MARYLAND LICENSED HERBICIDE APPLICATOR.
- 6. THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE RE-SPROUTING OF INVASIVE, NOXIOUS OR NON-NATIVE PLANTS IS PERMITTED IF DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS OR TO THE HERBACEOUS PLANT. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS AND BE APPLIED BY A MARYLAND CERTIFIED PESTICIDE APPLICATOR.
- 7. CARE SHALL BE TAKEN NOT TO DAMAGE TRUNKS OF TREES AND NATIVE VEGETATION. ONLY HAND TOOLS SHOULD BE USED TO AVOID UNNECESSARY DISTURBANCE TO NATIVE VEGETATION AND SOIL.
- 8. MOTORIZED WHEELED EQUIPMENT USED FOR HAULING SHALL NOT BE DRIVEN INTO THE FOREST AREA; IT SHOULD BE PARKED IN THE OPEN AREAS ADJACENT TO THE AREAS WHERE INVASIVE SPECIES ARE BEING CONTROLLED.
- 9. ALL INVASIVE SPECIES CONTROL WORK SHALL BE DONE BY OR UNDER THE SUPERVISION OF A CERTIFIED ARBORIST OR APPROPRIATE LICENSED/QUALIFIED PROFESSIONAL.
- 10. ALL CUT VEGETATIVE MATERIAL LESS THAN 2" DIAMETER SHALL BE BAGGED AND DISPOSED OF IN THE LANDFILL; ALL MATERIAL GREATER THAN 2" DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION; MULCHING OF MATERIALS IS NOT PERMITTED ON-SITE AND NOT RECOMMENDED OFF-SITE.

SUBSEQUENT SITE EVALUATIONS

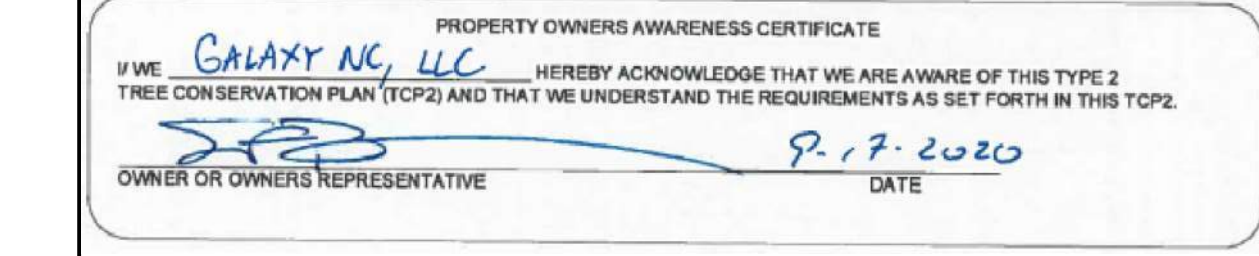
- 11. THE SITE SHOULD BE EVALUATED ONCE MONTHLY ONCE CONTROL MEASURES HAVE BEEN INITIATED EACH GROWING SEASON, BETWEEN APRIL AND NOVEMBER OF EACH YEAR, TO MONITOR SUCCESS OF CONTROL MEASURES AND DETERMINE RECOMMENDATIONS FOR FURTHER ACTION BASED ON FIELD CONDITIONS.
- 12. ALL SITE EVALUATIONS SHOULD BE PERFORMED BY, OR UNDER THE SUPERVISION OF, A CERTIFIED ARBORIST OR OTHER APPROPRIATELY QUALIFIED PROFESSIONAL. WRITTEN REPORTS OF SITE CONDITIONS FOUND DURING EACH SITE EVALUATION ALONG WITH RECOMMENDATIONS FOR FURTHER ACTION, SHOULD BE PREPARED BY THE SITE EVALUATOR WHICH SHOULD THEN BE SUBMITTED TO, REVIEWED, AND APPROVED BY THE SITE INSPECTOR.

PROPOSED MAINTENANCE PLAN

- 13. MAINTENANCE SHOULD OCCUR BETWEEN MARCH - NOVEMBER FOR A MINIMUM OF 4 YEARS. AFTER 2 YEARS THE SITE SHOULD BE EVALUATED FOR SUCCESS OF INVASIVES CONTROL AND MONITORED ANNUALLY UNTIL ALL INVASIVES HAVE BEEN SUCCESSFULLY ERADICATED TO A LEVEL OF LESS THAN 20 PERCENT. SINCE INVASIVES LIKELY OCCUR ON ADJACENT PROPERTIES, IT IS LIKELY THAT THE SITE WILL REQUIRE CONTINUOUS MONITORING TO ENSURE ADEQUATE INVASIVES CONTROL.
- 14. INVASIVE PLANT REMOVAL SHALL BE COMPLETED PRIOR TO COMPLETION OF THE 4 YEAR MAINTENANCE AND MANAGEMENT PLAN AND CONFORM TO THE RECOMMENDATIONS OF THIS INVASIVE PLANT REMOVAL PLAN.

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

A



NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.csi811.com
<http://www.missutility.net>
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE THE EXACT LOCATION AND
ELEVATION OF THE LINES BY DIGGING TEST PITS
BY HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

DRAWN BY CGB
APPROVED BY MB
CHECKED BY DJS
DATE JULY 2020

OWNER/APPLICANT
CONTACT
SLDM, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452
SEAN F. BRUCE
301.502.0956
sfdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

SCALE(S)

Unless otherwise noted

KEY PLAN

Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
Approved by	Date	DRD#	Reason for Revision
00		DSP-19007	
01	Monse J. In	10/27/2020	For Permit
02			Rough Grading Permit #21641-2020-0
03			
04			
05			
06			

SEAL

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A
DULY REGISTERED LANDSCAPE ARCHITECT
UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 31108-708
EXPIRATION DATE: OCTOBER 3, 2021.



THE FAIRWAYS

PRINCE GEORGE'S COUNTY
MARYLAND

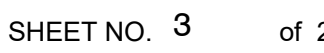
TYPE 2 TREE CONSERVATION
PLAN FOR ROUGH GRADING
DETAILS

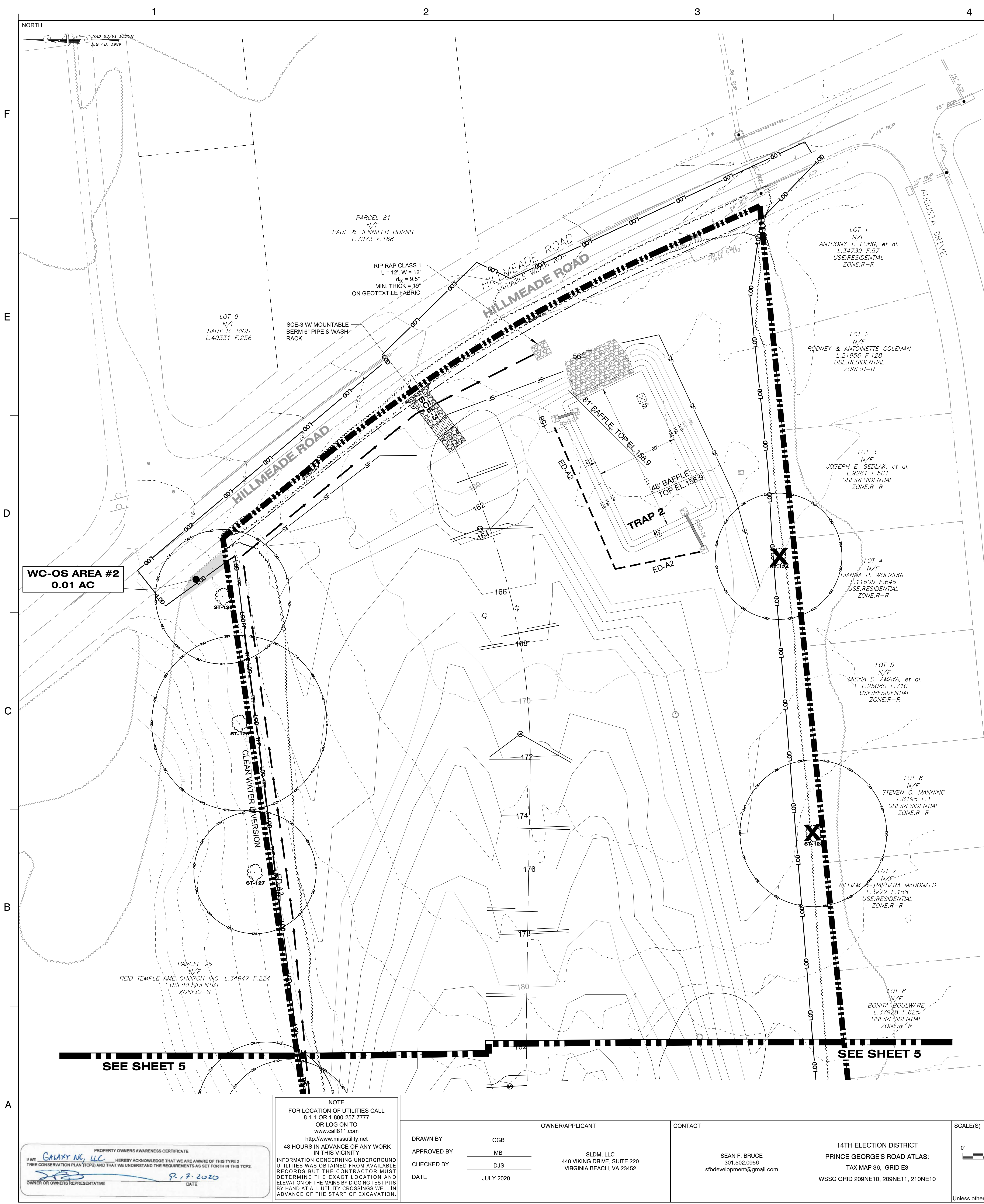
Dewberry Engineers Inc.
4601 Forbes Boulevard, Suite 300
Lanham, MD 20708
301.731.5551
301.731.0188 fax

PROJECT NO. 50107161

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SHEET NO. 2 of 22

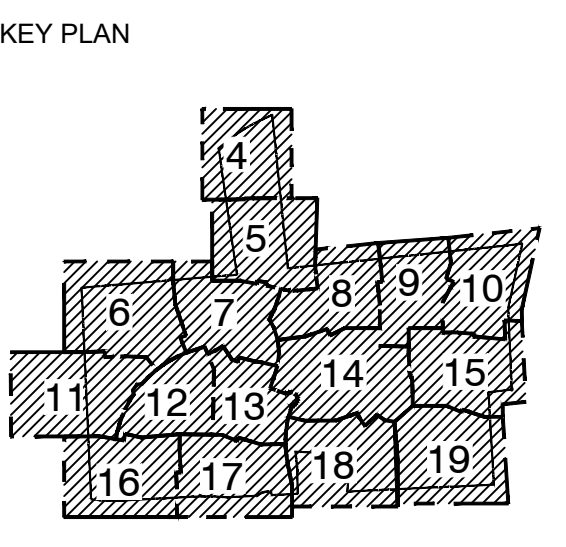




LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BOUNDARY
- EXISTING ADJACENT PROPERTY
- EXISTING GAS LINE
- PRIMARY MANAGEMENT AREA
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- EXISTING STREAM BUFFER
- EXISTING FLOODPLAIN
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER EASEMENT
- EXISTING WATER EASEMENT
- EXISTING SOIL BOUNDARY
- EXISTING TREE LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED ROAD RIGHT-OF-WAY
- PROPOSED PROPERTY LINE
- PROPOSED BUILDING RESTRICTION LINE (BRL)
- PROPOSED CURB
- PROPOSED ROAD CENTERLINE
- PROPOSED 10' PUE (PUBLIC UTILITY EASEMENT)
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED WSSC EASEMENT
- PROPOSED STORM DRAIN
- DRAINAGE AREA BOUNDARY
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED ROCK OUTLET PROTECTION
- PROPOSED GABION INFLOW PROTECTION
- PROPOSED BAFFLE BOARD
- PROPOSED EARTH DIKE
- SUMP PIT
- PROPOSED PIPE SLOPE DRAIN
- PROPOSED GABION OUTLET STRUCTURE
- PROPOSED CURB INLET PROTECTION
- PROPOSED AT-GRADE INLET PROTECTION
- PROPOSED GABION INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM
- AREAS WITH STEEP SLOPE & HIGHLY ERODIBLE SOIL
- PERMANENT PROTECTION FENCE
- TEMPORARY PROTECTION FENCE
- REFORESTATION/AFFORESTATION SIGN
- WOODLAND PRESERVATION SIGN
- SPECIMEN TREE SIGN
- SHEET MATCHLINE
- WOODLAND CLEARED OFF-SITE (WC-OS)
- WOODLAND CLEARED (WCA)
- WOODLAND PRESERVATION AREA (WPA)
- WOODLAND RETAINED - NOT CREDITED (WR-NC)
- WOODLAND REFORESTATION/AFFORESTATION AREA (WRA)
- ON-SITE LANDSCAPING CREDIT AREA (OLC)
- PROPOSED FITNESS TRAIL
- EXISTING TREES
- EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE
- EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE TO BE REMOVED

Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
Approved by	Date	DRD#	Reason for Revision
00	None	DSP-19007	For Permit
01	10/27/2020		Revised Drawing Permit
02			
03			
04			
05			
06			



THE FAIRWAYS

PRINCE GEORGE'S COUNTY MARYLAND

TYPE 2 TREE CONSERVATION PLAN FOR ROUGH GRADING PLAN SHEET

PROPERTY OWNERS AWARENESS CERTIFICATE

IF WE, **Galaxy NC, LLC**, HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2 TREE CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.

OWNER OR OWNERS REPRESENTATIVE: *[Signature]* DATE: **8.17.2020**

NOTE
FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO www.missutility.net

48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY

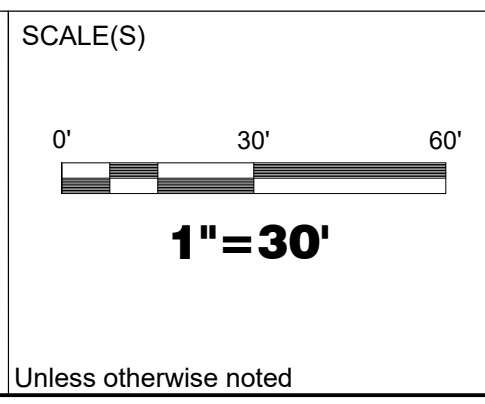
INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

DRAWN BY: CGB
APPROVED BY: MB
CHECKED BY: DJS
DATE: JULY 2020

OWNER/APPLICANT
SLDM, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

CONTACT
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WSSC GRID 209NE10, 209NE11, 210NE10



NO.	DESCRIPTION	DATE	BY
REVISIONS			

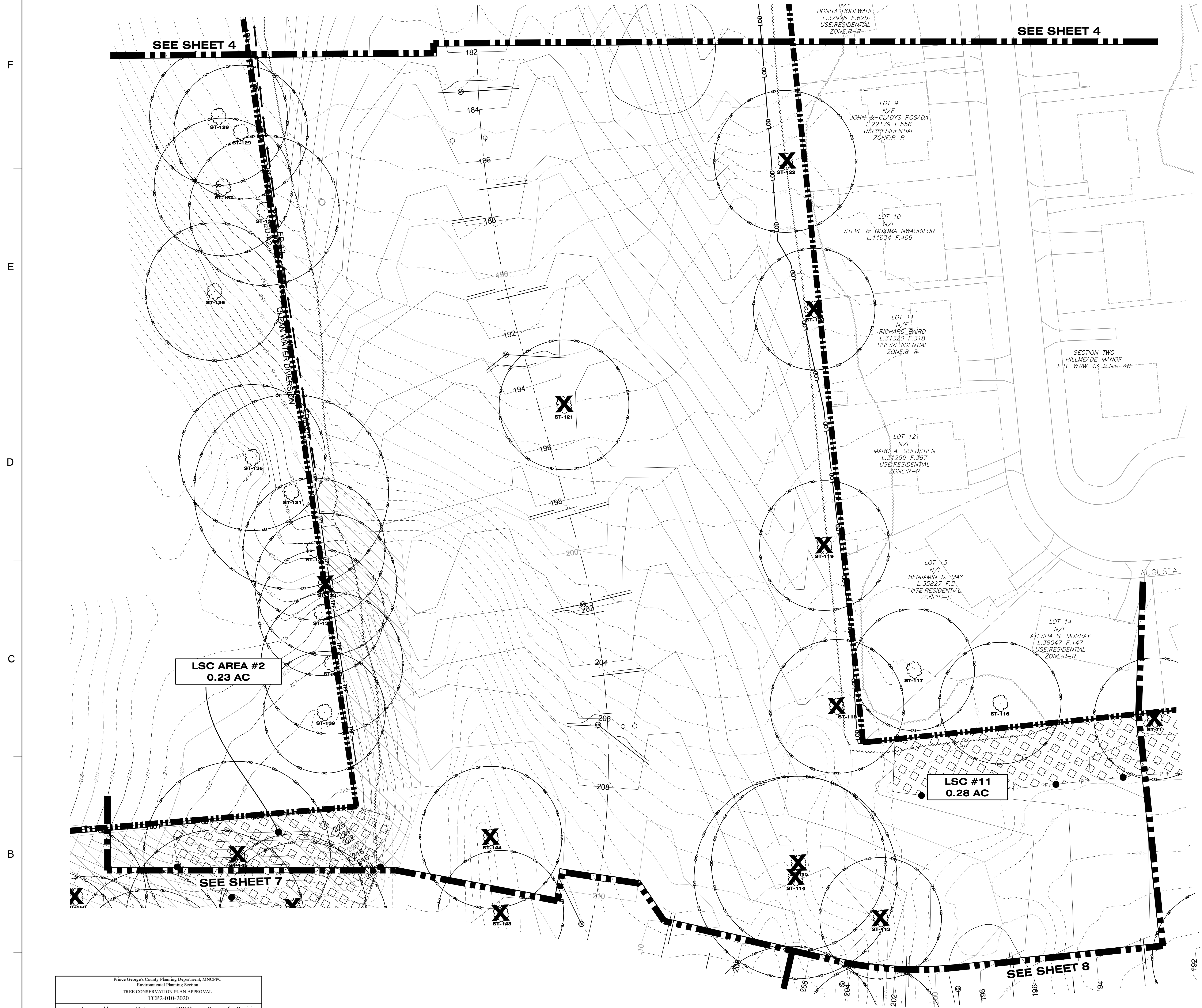
SEAL

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3108, EXPIRATION DATE: OCTOBER 3, 2021.

10/26/2020

Dewberry

Dewberry Engineers Inc.
4601 Fortas Boulevard, Suite 300
Lanham, MD 20708
301.731.5551
301.731.0188 fax



LEGEND

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	EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE
	EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE TO BE REMOVED

STEEP SLOPE AND HIGHLY ERODIBLE SOILS NOTE:
SITE AREAS WITH STEEP SLOPE AND HIGHLY ERODIBLE SOILS AS SHOWN ON THE PLANS, MUST BE PROTECTED USING ACCELERATED STABILIZATION, SOIL STABILIZATION MATTING, MINIMIZING DISTURBED AREAS, OR SURFACE WATER DIVERSION.

Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
	Approved by	Date	Reason for Revision
00			DRD#
01	<i>Marc J. J...</i>	10/27/2020	DSP-19007
02			For Permit
03			
04			
05			
06			

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
<http://www.mississulity.net>
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY

INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

DRAWN BY	CGB
APPROVED BY	MB
CHECKED BY	DJS
DATE	JULY 2020

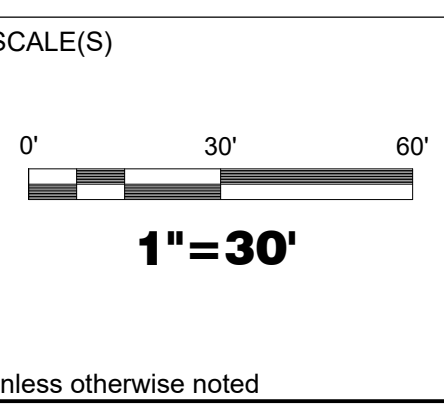
OWNER/APPLICANT

SLDM, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

CONTACT

SEAN F. BRUCE
301.502.0956
sfbdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

[illegible]

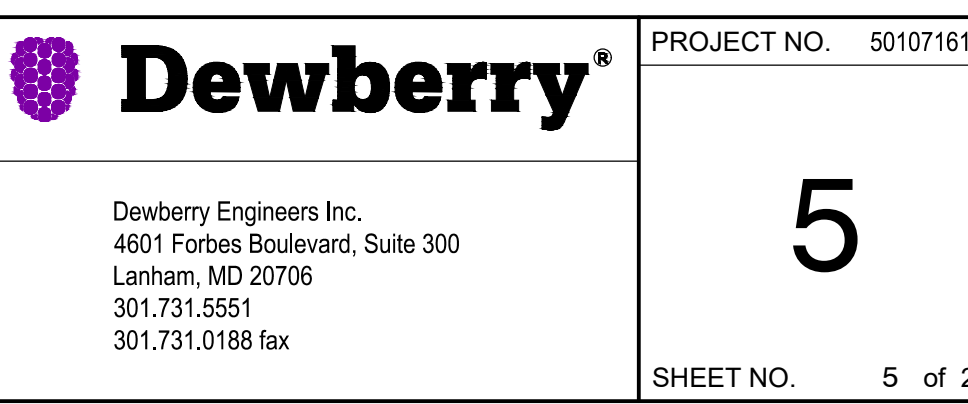
PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3108. EXPIRATION DATE: OCTOBER 3, 2021.

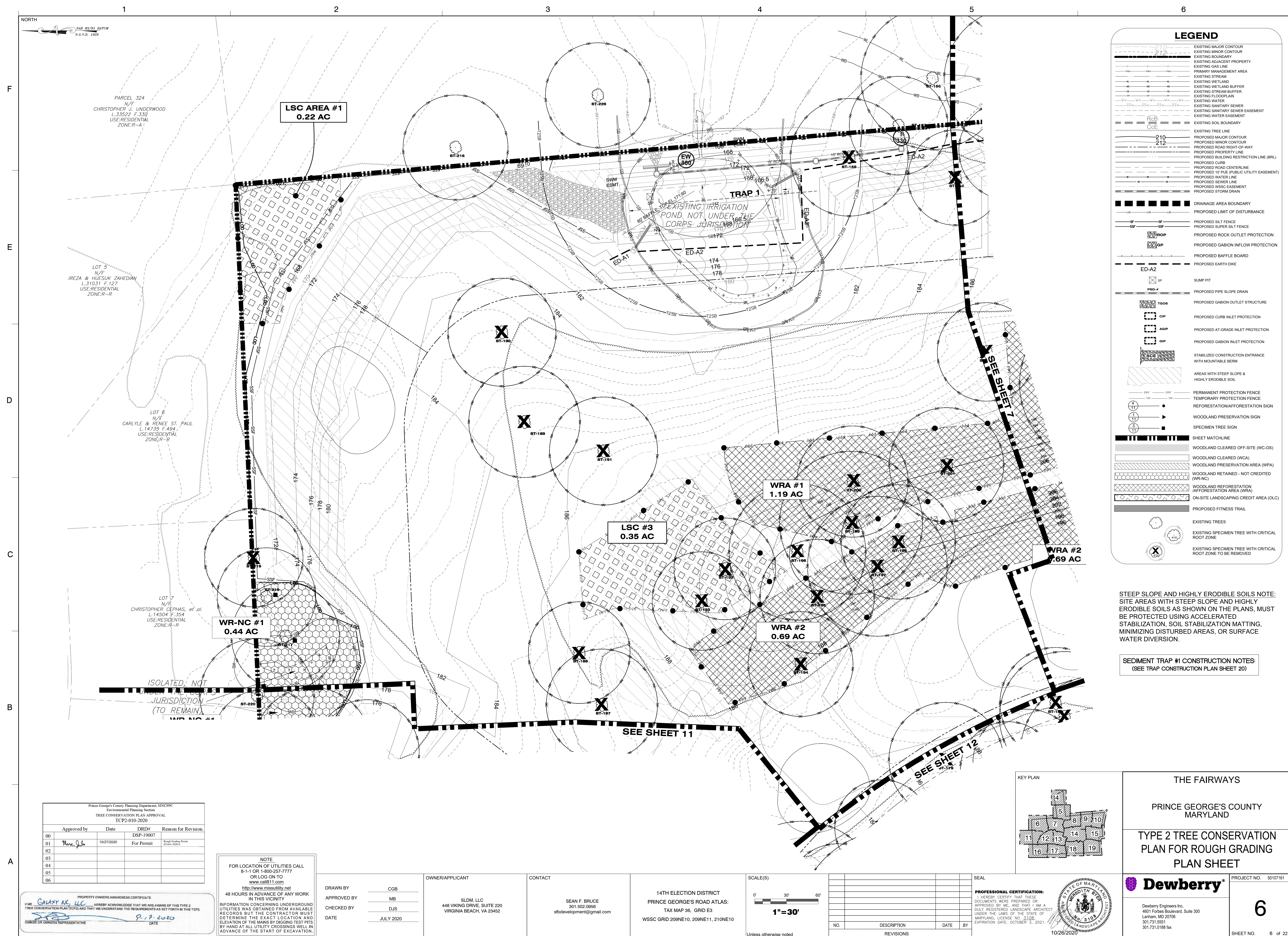


THE FAIRWAYS

PRINCE GEORGE'S COUNTY
MARYLAND

TYPE 2 TREE CONSERVATION
PLAN FOR ROUGH GRADING
PLAN SHEET





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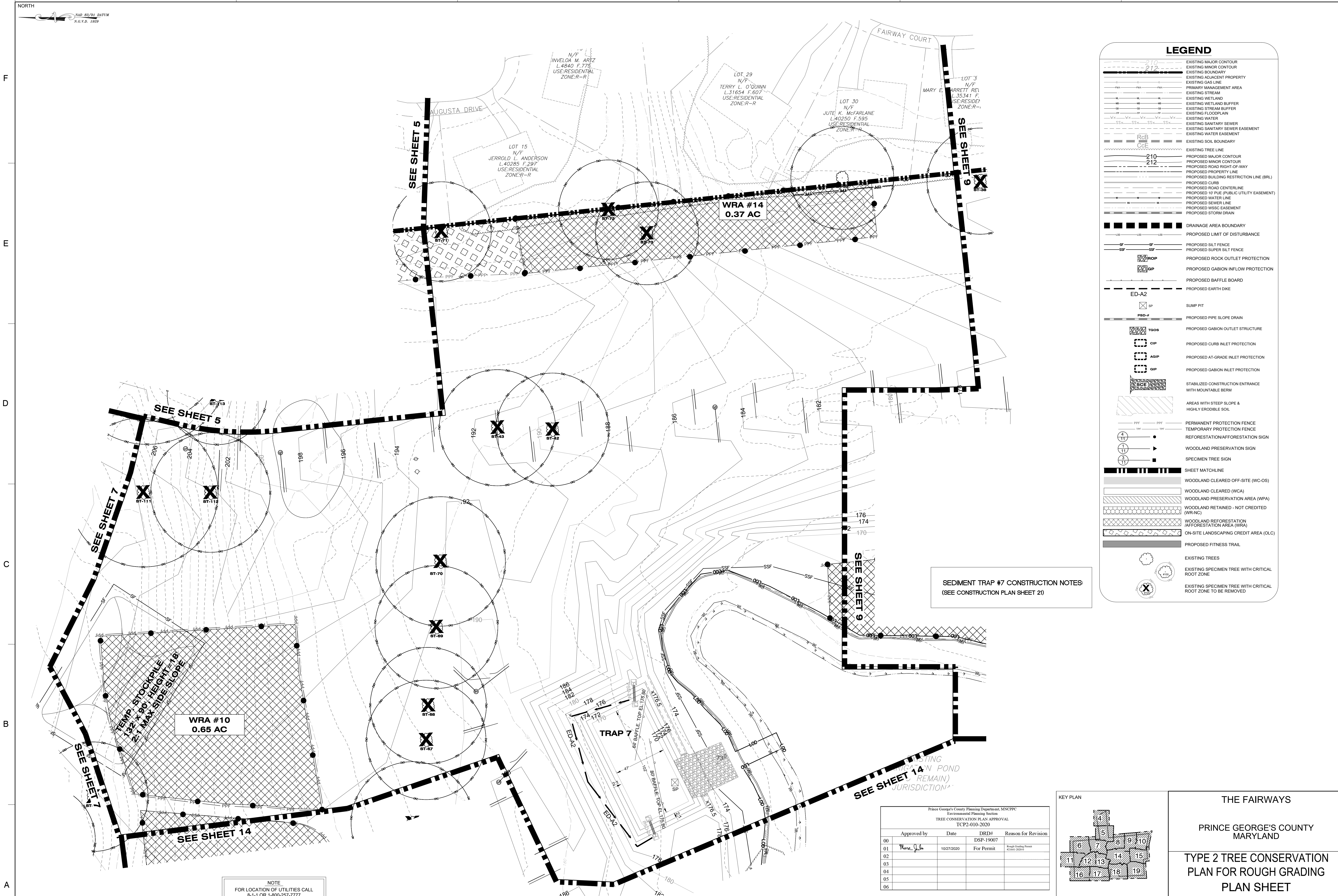


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LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BOUNDARY
- EXISTING ADJACENT PROPERTY
- EXISTING GAS LINE
- PRIMARY MANAGEMENT AREA
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- EXISTING STREAM BUFFER
- EXISTING FLOODPLAIN
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER EASEMENT
- EXISTING WATER EASEMENT
- EXISTING SOIL BOUNDARY
- EXISTING TREE LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED ROAD RIGHT-OF-WAY
- PROPOSED PROPERTY LINE
- PROPOSED BUILDING RESTRICTION LINE (BRL)
- PROPOSED CURB
- PROPOSED ROAD CENTERLINE
- PROPOSED 10' PUE (PUBLIC UTILITY EASEMENT)
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED WSSC EASEMENT
- PROPOSED STORM DRAIN
- DRAINAGE AREA BOUNDARY
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED ROCK OUTLET PROTECTION
- PROPOSED GABION INFLOW PROTECTION
- PROPOSED BAFFLE BOARD
- PROPOSED EARTH DIKE
- SUMP PIT
- PROPOSED PIPE SLOPE DRAIN
- PROPOSED GABION OUTLET STRUCTURE
- PROPOSED CURB INLET PROTECTION
- PROPOSED AT-GRADE INLET PROTECTION
- PROPOSED GABION INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM
- AREAS WITH STEEP SLOPE & HIGHLY ERODIBLE SOIL
- PERMANENT PROTECTION FENCE
- TEMPORARY PROTECTION FENCE
- REFORESTATION/AFFORESTATION SIGN
- WOODLAND PRESERVATION SIGN
- SPECIMEN TREE SIGN
- SHEET MATCHLINE
- WOODLAND CLEARED OFF-SITE (WC-OS)
- WOODLAND CLEARED (WCA)
- WOODLAND PRESERVATION AREA (WPA)
- WOODLAND RETAINED - NOT CREDITED (WR-NC)
- WOODLAND REFORESTATION/AFFORESTATION AREA (WRA)
- ON-SITE LANDSCAPING CREDIT AREA (OLCA)
- PROPOSED FITNESS TRAIL
- EXISTING TREES
- EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE
- EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE TO BE REMOVED

NOTE
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PROPERTY OWNERS AWARENESS CERTIFICATE
I, SEAN F. BRUCE, HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2 TREE CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.
OWNER OR OWNERS REPRESENTATIVE: SEAN F. BRUCE DATE: 8.17.2020

DRAWN BY: CGB
APPROVED BY: MB
CHECKED BY: DJS
DATE: JULY 2020

OWNER/APPLICANT: SLDL, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

CONTACT: SEAN F. BRUCE
301.502.0956
sfdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

SCALE(S):
0' 30' 60'
1"=30'

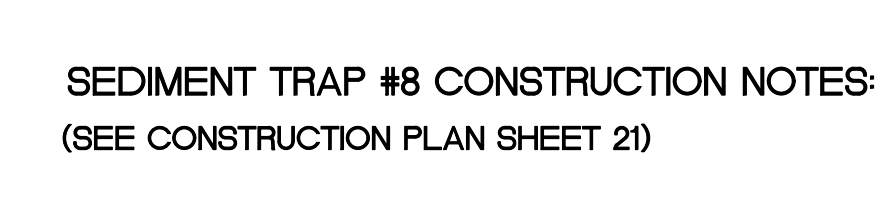
NO.	DESCRIPTION	DATE	BY
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01			
02			
03			
04			
05			
06			

SEAL
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3108, EXPIRATION DATE: OCTOBER 3, 2021.
10/26/2020

KEY PLAN
A grid of 19 numbered squares (1-19) showing the location of this sheet (14) within the project area.

THE FAIRWAYS
PRINCE GEORGE'S COUNTY MARYLAND
TYPE 2 TREE CONSERVATION PLAN FOR ROUGH GRADING PLAN SHEET
PROJECT NO. 50107161
Dewberry
Dewberry Engineers Inc.
4601 Forbes Boulevard, Suite 300
Linthicum, MD 21086
301.731.5551
301.731.0188 fax

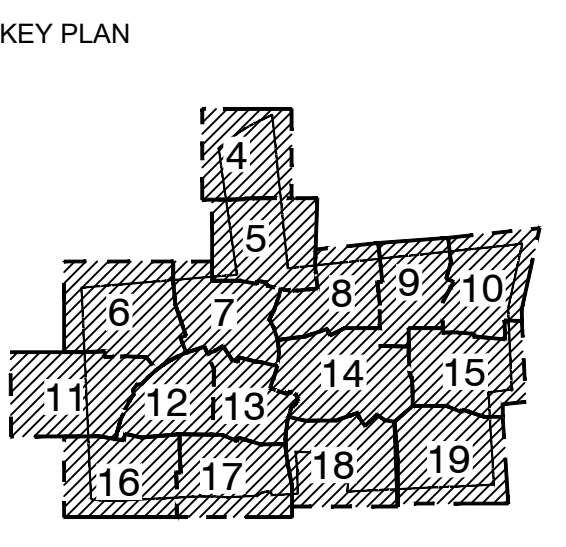
8
SHEET NO. 8 OF 22



LEGEND

	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING ADJACENT PROPERTY
	EXISTING GAS LINE
	PRIMARY MANAGEMENT AREA
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WETLAND BUFFER
	EXISTING STREAM BUFFER
	EXISTING FLOODPLAIN
	EXISTING WATER
	EXISTING SANITARY SEWER
	EXISTING SANITARY SEWER EASEMENT
	EXISTING WATER EASEMENT
	EXISTING SOIL BOUNDARY
	EXISTING TREE LINE
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED ROAD RIGHT-OF-WAY
	PROPOSED PROPERTY LINE
	PROPOSED BUILDING RESTRICTION LINE (BRL)
	PROPOSED CURB
	PROPOSED ROAD CENTERLINE
	PROPOSED 10' PUE (PUBLIC UTILITY EASEMENT)
	PROPOSED WATER LINE
	PROPOSED SEWER LINE
	PROPOSED WSSC EASEMENT
	PROPOSED STORM DRAIN
	DRAINAGE AREA BOUNDARY
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED SILT FENCE
	PROPOSED SUPER SILT FENCE
	PROPOSED ROCK OUTLET PROTECTION
	PROPOSED GABION INFLOW PROTECTION
	PROPOSED BAFFLE BOARD
	PROPOSED EARTH DIKE
	SUMP PIT
	PROPOSED PIPE SLOPE DRAIN
	PROPOSED GABION OUTLET STRUCTURE
	PROPOSED CURB INLET PROTECTION
	PROPOSED AT-GRADE INLET PROTECTION
	PROPOSED GABION INLET PROTECTION
	STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM
	AREAS WITH STEEP SLOPE & HIGHLY ERODIBLE SOIL
	PERMANENT PROTECTION FENCE
	TEMPORARY PROTECTION FENCE
	REFORESTATION/AFFORESTATION SIGN
	WILDLAND PRESERVATION SIGN
	SPECIMEN TREE SIGN
	SHEET MATCHLINE
	WOODLAND CLEARED OFF-SITE (WC-OS)
	WOODLAND CLEARED (WCA)
	WOODLAND PRESERVATION AREA (WPA)
	WOODLAND RETAINED - NOT CREDITED (WR-NC)
	WOODLAND REFORESTATION/AFFORESTATION AREA (WRA)
	ON-SITE LANDSCAPING CREDIT AREA (OLC)
	PROPOSED FITNESS TRAIL
	EXISTING TREES
	EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE
	EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE TO BE REMOVED


Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
	Approved by	Date	DRD# Reason for Revision
00			DRD# 19007
01	<i>Max J. Soto</i>	10/27/2020	For Permit
02			Rough Grading Permit #2161-2020-0
03			
04			
05			
06			



THE FAIRWAYS

PRINCE GEORGE'S COUNTY
MARYLAND

TYPE 2 TREE CONSERVATION
PLAN FOR ROUGH GRADING
PLAN SHEET

 Dewberry® Dewberry Engineers Inc. 4601 Forbes Boulevard, Suite 300 Lanham, MD 20706 301.731.5551 301.731.0188 fax	PROJECT NO. 50107161
	<div style="text-align: center; font-size: 48pt;">9</div> SHEET NO. 9 of 2

NOTE
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8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.kal1811.com
<http://www.missutility.net>
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DRAWN BY	CGB
APPROVED BY	MB
CHECKED BY	DJS
DATE	JULY 2020

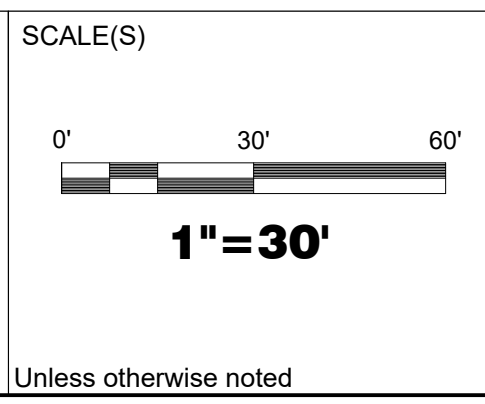
OWNER/APPLICANT

SLDM, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

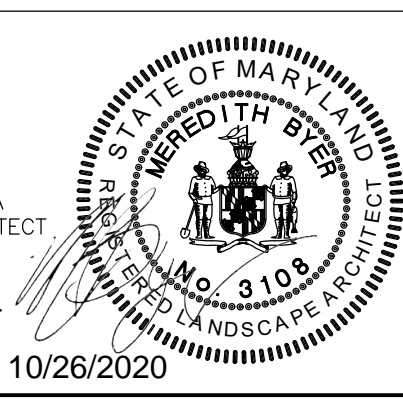
CONTACT

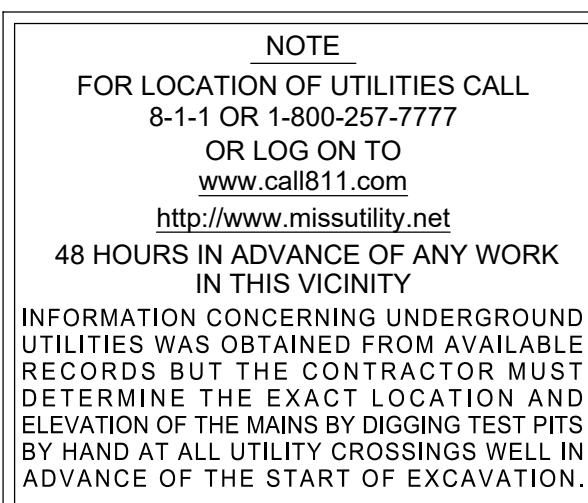
SEAN F. BRUCE
301.502.0956
sfbdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

[illegible]

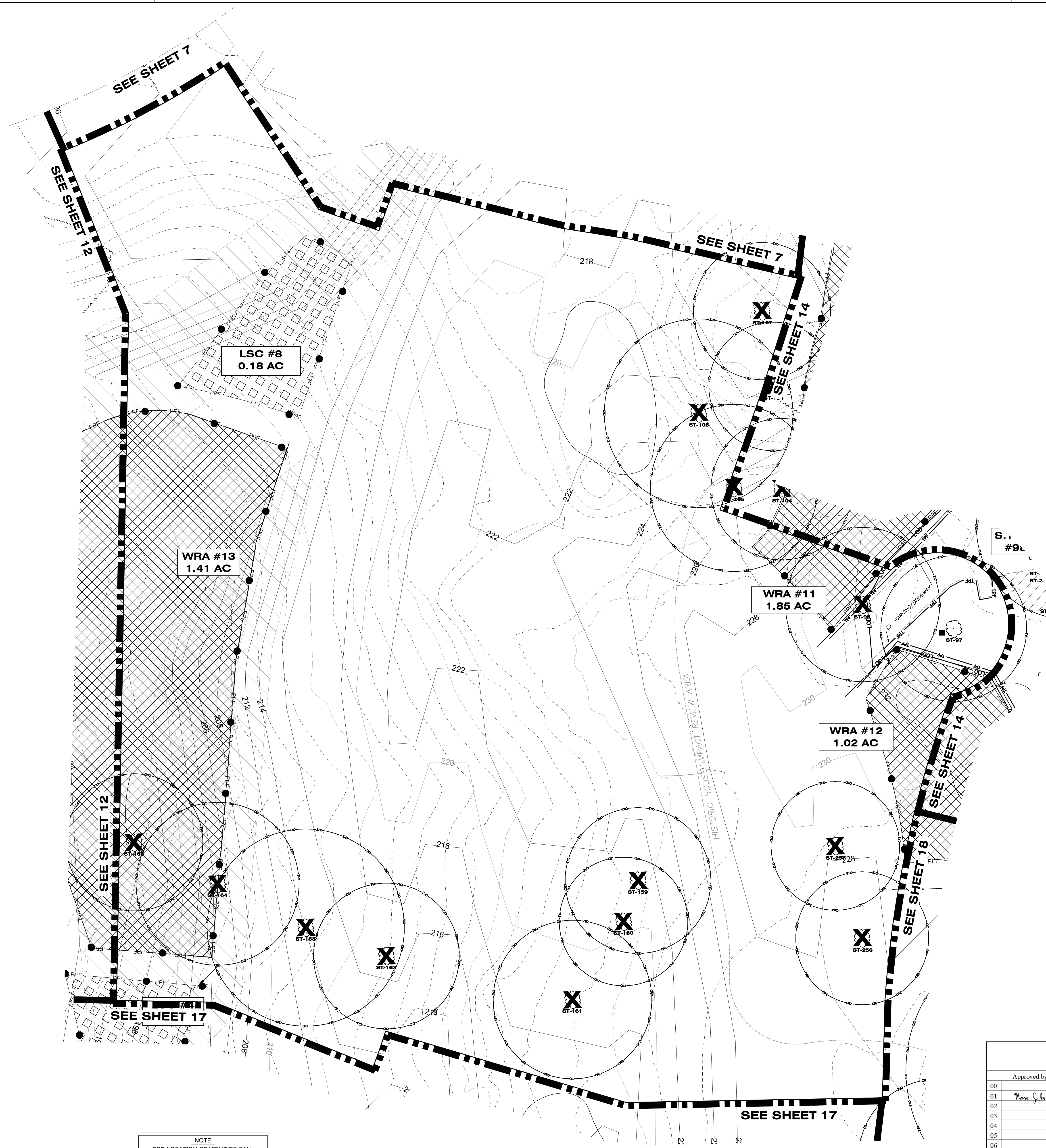
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Unless otherwise noted





LEGEND

EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING BOUNDARY
EXISTING ADJACENT PROPERTY
EXISTING GAS LINE
EXISTING STREAM
EXISTING WETLAND
EXISTING WETLAND BUFFER
EXISTING STREAM BUFFER
EXISTING FLOODPLAIN
EXISTING WATER
EXISTING SANITARY SEWER
EXISTING SANITARY SEWER EASEMENT
EXISTING WATER EASEMENT
EXISTING SOIL BOUNDARY
EXISTING TREE LINE
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
PROPOSED ROAD RIGHT-OF-WAY
PROPOSED PROPERTY LINE
PROPOSED BUILDING RESTRICTION LINE (BRL)
PROPOSED CURB
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PROPOSED WATER LINE
PROPOSED SEWER LINE
PROPOSED WSSC EASEMENT
PROPOSED STORM DRAIN
DRAINAGE AREA BOUNDARY
PROPOSED LIMIT OF DISTURBANCE
PROPOSED SILT FENCE
PROPOSED SUPER SILT FENCE
PROPOSED ROCK OUTLET PROTECTION
PROPOSED GABION INLET PROTECTION
PROPOSED GABION OUTLET PROTECTION
PROPOSED CURB INLET PROTECTION
PROPOSED AT-GRADE INLET PROTECTION
PROPOSED GABION INLET PROTECTION
STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM
AREAS WITH STEEP SLOPE & HIGHLY ERODIBLE SOIL
PERMANENT PROTECTION FENCE
TEMPORARY PROTECTION FENCE
REFORESTATION/AFFORESTATION SIGN
WOODLAND PRESERVATION SIGN
SPECIMEN TREE SIGN
SHEET MATCHLINE
WOODLAND CLEARED OFF-SITE (WC-OS)
WOODLAND CLEARED (WCA)
WOODLAND PRESERVATION AREA (WPA)
WOODLAND RETAINED - NOT CREDITED (WR-NC)
WOODLAND REFORESTATION/AFFORESTATION AREA (WRA)
ON-SITE LANDSCAPING CREDIT AREA (OLC)
PROPOSED FITNESS TRAIL
EXISTING TREES
EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE
EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE TO BE REMOVED

STEEP SLOPE AND HIGHLY ERODIBLE SOILS NOTE:
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PROPERTY OWNERS AWARENESS CERTIFICATE
I, Galaxy NC, LLC, HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2 TREE CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.
OWNER OR OWNERS REPRESENTATIVE: [Signature] DATE: 8.17.2020

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

DRAWN BY: CGB
APPROVED BY: MB
CHECKED BY: DJS
DATE: JULY 2020

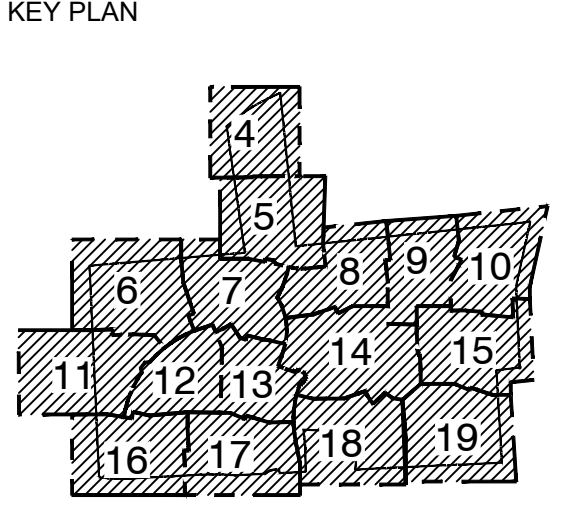
OWNER/APPLICANT
SLDM, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

CONTACT
SEAN F. BRUCE
301.502.0956
sfdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

SCALE(S)
0' 30' 60'
1"=30'
Unless otherwise noted

Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
Approved by	Date	DRD#	Reason for Revision
00			
01	Mark J. [Signature]	10/27/2020	For Permit
02			Revised Grading Permit (10/14/2020)
03			
04			
05			
06			



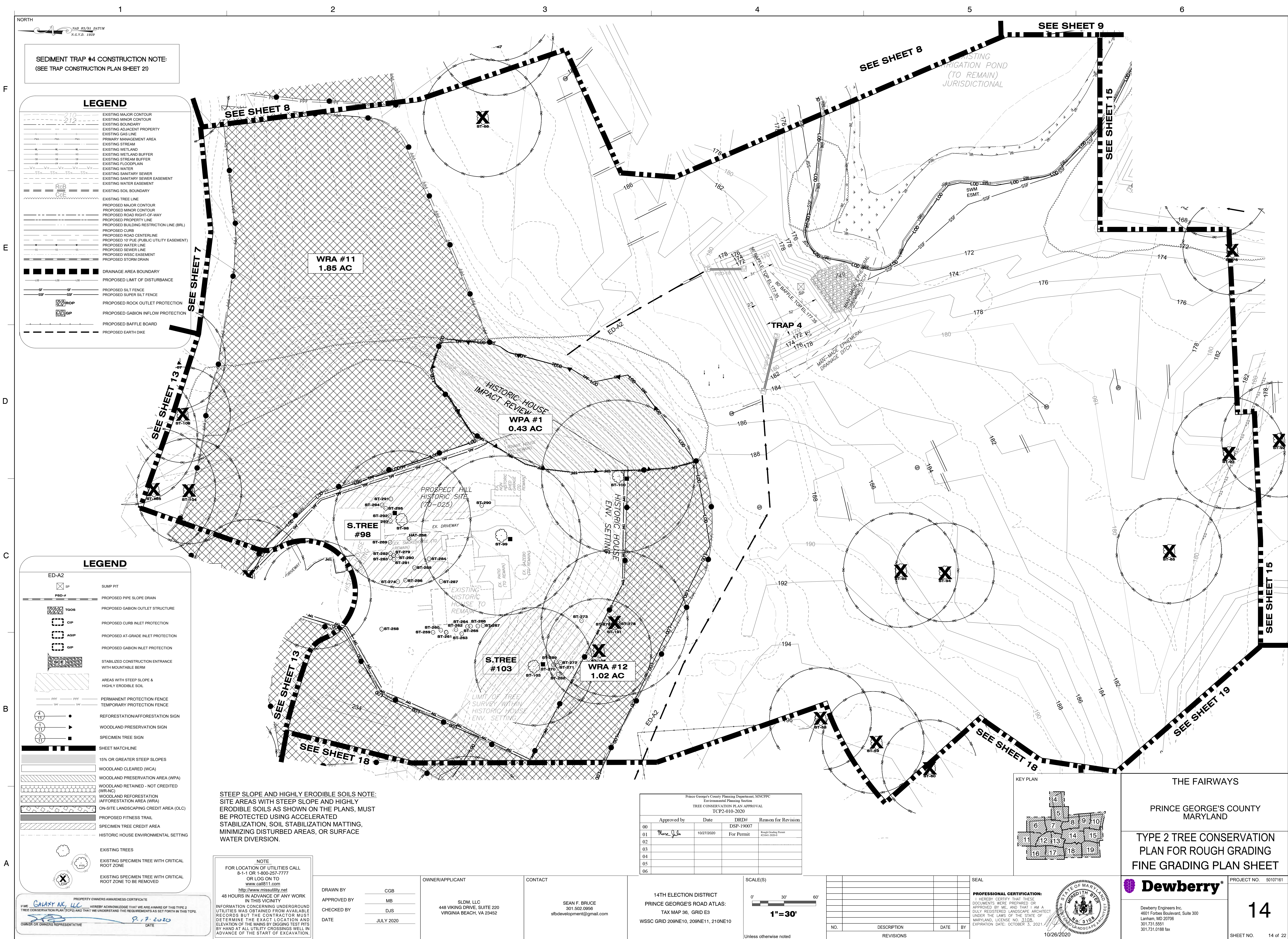
THE FAIRWAYS
PRINCE GEORGE'S COUNTY MARYLAND
TYPE 2 TREE CONSERVATION PLAN FOR ROUGH GRADING PLAN SHEET

Dewberry
Dewberry Engineers Inc.
4601 Forbes Boulevard, Suite 300
Lanham, MD 20706
301.731.5551
301.731.0188 fax

PROJECT NO. 50107161
13
SHEET NO. 13 of 22

SEAL
PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3108, EXPIRATION DATE: OCTOBER 3, 2021.
10/26/2020

NO.	DESCRIPTION	DATE	BY
REVISIONS			



SEDIMENT TRAP #4 CONSTRUCTION NOTE:
(SEE TRAP CONSTRUCTION PLAN SHEET 21)

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING ADJACENT PROPERTY
- EXISTING GAS LINE
- PRIMARY MANAGEMENT AREA
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- EXISTING STREAM BUFFER
- EXISTING FLOODPLAIN
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER EASEMENT
- EXISTING WATER EASEMENT
- EXISTING SOIL BOUNDARY
- EXISTING TREE LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED ROAD RIGHT-OF-WAY
- PROPOSED PROPERTY LINE
- PROPOSED BUILDING RESTRICTION LINE (BRL)
- PROPOSED CURB
- PROPOSED ROAD CENTERLINE
- PROPOSED 10 PLE (PUBLIC UTILITY EASEMENT)
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED WSSG EASEMENT
- PROPOSED STORM DRAIN
- DRAINAGE AREA BOUNDARY
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED ROCK OUTLET PROTECTION
- PROPOSED GABION INFLOW PROTECTION
- PROPOSED BAFFLE BOARD
- PROPOSED EARTH DIKE

LEGEND

- ED-A2
- SP
- PROPOSED PIPE SLOPE DRAIN
- TOOB
- PROPOSED GABION OUTLET STRUCTURE
- GIP
- PROPOSED CURB INLET PROTECTION
- AGIP
- PROPOSED AT-GRADE INLET PROTECTION
- GIP
- PROPOSED GABION INLET PROTECTION
- SCE
- STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM
- AREAS WITH STEEP SLOPE & HIGHLY ERODIBLE SOIL
- PERMANENT PROTECTION FENCE
- TEMPORARY PROTECTION FENCE
- RESTORATION/AFFORESTATION SIGN
- WOODLAND PRESERVATION SIGN
- SPECIMEN TREE SIGN
- SHEET MATCHLINE
- 15% OR GREATER STEEP SLOPES
- WOODLAND CLEARED (WCA)
- WOODLAND PRESERVATION AREA (WPA)
- WOODLAND RETAINED - NOT CREDITED (WR-NC)
- WOODLAND REFORESTATION/AFFORESTATION AREA (WRA)
- ON-SITE LANDSCAPING CREDIT AREA (OLC)
- PROPOSED FITNESS TRAIL
- SPECIMEN TREE CREDIT AREA
- HISTORIC HOUSE ENVIRONMENTAL SETTING
- EXISTING TREES
- EXISTING SPECIMEN TREE WITH CRITICAL ROOT ZONE
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http://www.mississauga.net
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DRAWN BY CGB
APPROVED BY MB
CHECKED BY DJS
DATE JULY 2020

OWNER/APPLICANT
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448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

CONTACT
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sfdevelopment@gmail.com

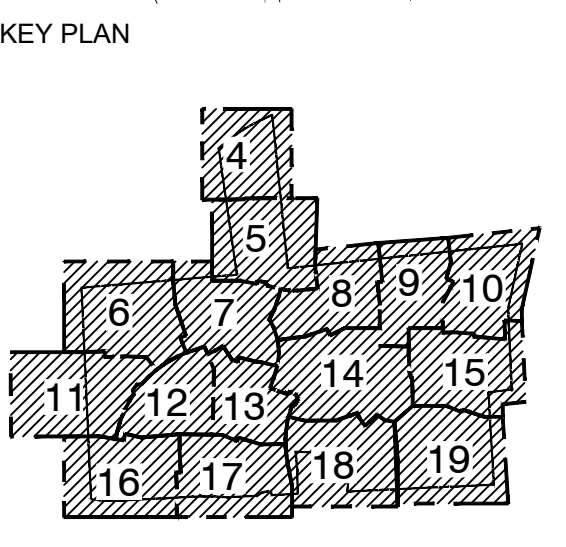
Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
Approved by	Date	DRD#	Reason for Revision
00			
01	10/27/2020	DSP-19007	For Permit
02			
03			
04			
05			
06			

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

SCALE(S)
0' 30' 60'
1"=30'
Unless otherwise noted

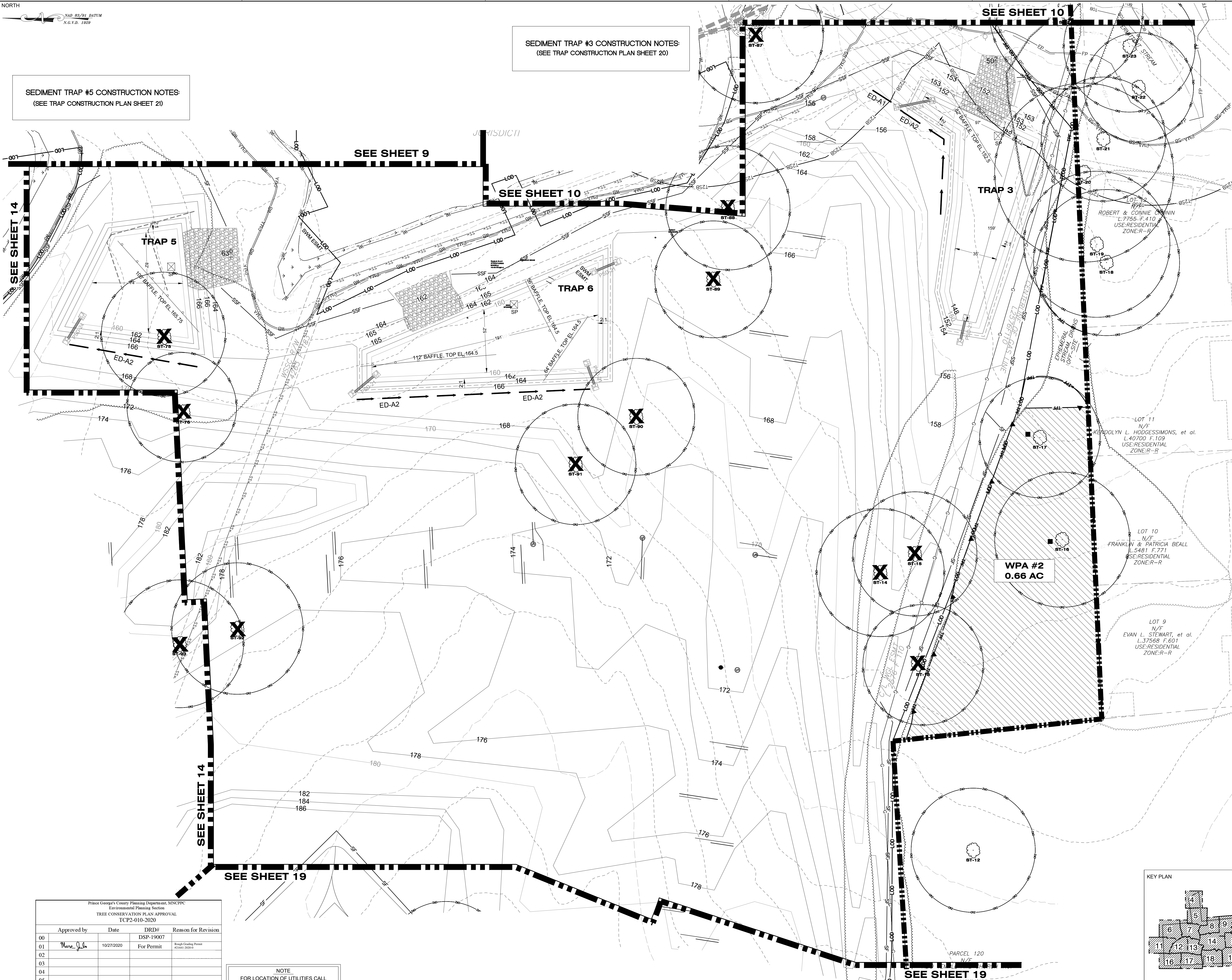
NO.	DESCRIPTION	DATE	BY
REVISIONS			

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10/26/2020



THE FAIRWAYS
PRINCE GEORGE'S COUNTY MARYLAND
TYPE 2 TREE CONSERVATION PLAN FOR ROUGH GRADING FINE GRADING PLAN SHEET

Dewberry
Dewberry Engineers Inc.
4601 Fortas Boulevard, Suite 300
Lanham, MD 20706
301.731.5551
301.731.0188 fax
PROJECT NO. 50107161
14
SHEET NO. 14 of 22



LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING ADJACENT PROPERTY
- EXISTING GAS LINE
- PRIMARY MANAGEMENT AREA
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- EXISTING FLOODPLAIN
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER EASEMENT
- EXISTING WATER EASEMENT
- EXISTING SOIL BOUNDARY
- EXISTING TREE LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED ROAD RIGHT-OF-WAY
- PROPOSED PROPERTY LINE
- PROPOSED BUILDING RESTRICTION LINE (BRL)
- PROPOSED ROAD CENTERLINE
- PROPOSED 10' PUE (PUBLIC UTILITY EASEMENT)
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED WSSC EASEMENT
- PROPOSED STORM DRAIN
- DRAINAGE AREA BOUNDARY
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED ROCK OUTLET PROTECTION
- PROPOSED GABION INFLOW PROTECTION
- PROPOSED BAFFLE BOARD
- PROPOSED EARTH DIKE
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- AREAS WITH STEEP SLOPE & HIGHLY ERODIBLE SOIL
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- REFORESTATION/AFFORESTATION SIGN
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Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
Approved by	Date	DRD#	Reason for Revision
00		DSP-19007	
01	10/27/2020	For Permit	
02			
03			
04			
05			
06			

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

DRAWN BY: CGB
APPROVED BY: MB
CHECKED BY: DJS
DATE: JULY 2020

OWNER/APPLICANT
SLDM, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

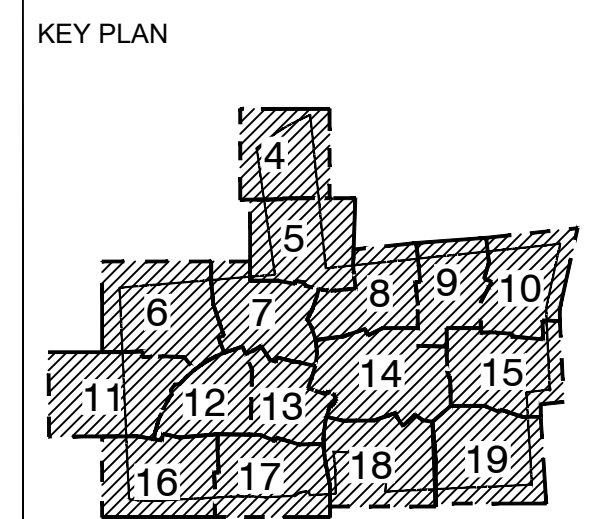
CONTACT
SEAN F. BRUCE
301.502.0956
sfdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

SCALE(S)
0' 30' 60'
1"=30'

NO.	DESCRIPTION	DATE	BY
	REVISIONS		

SEAL
PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A
FULLY REGISTERED LANDSCAPE ARCHITECT
UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 3105
EXPIRATION DATE: OCTOBER 3, 2021.
10/26/2020



THE FAIRWAYS
PRINCE GEORGE'S COUNTY
MARYLAND

**TYPE 2 TREE CONSERVATION
PLAN FOR ROUGH GRADING
FINE GRADING PLAN SHEET**

Dewberry
Dewberry Engineers Inc.
4601 Forbes Boulevard, Suite 300
Linthicum, MD 20706
301.731.5551
301.731.0188 fax

PROJECT NO. 50107161
15
SHEET NO. 15 of 22

F
E
D
C
B
A

PARCEL 323
N/F
McCLOUD TRUST
L.40772 F.369
USE-RESIDENTIAL
ZONE-R-A

SEE SHEET 11

SEE SHEET 12

SEE SHEET 12

SEE SHEET 17

SEE SHEET 17

WRA #3
1.28 AC

WR-NC #2
0.14 AC

TEMP
184' X
HEIGHT 18'
2:1 MAX SIDE SLOPE

PROSPECT HILL ROAD
PROSPECT HILL ROAD
VARIABLE WIDTH ROW

GLEN DALE
FOREST ROAD
50' R.W.

LOT 57
N/F
JAIN MUKESH-K ETAL
L.36818 F.276
USE-RESIDENTIAL
ZONE-R-R

LOT 58
N/F
NURSE WESLEY A
L.38230 F.469
USE-RESIDENTIAL
ZONE-R-R

LOT 59
N/F
OWUSS MIRABEL & NANA
L.28480 F.368
USE-RESIDENTIAL
ZONE-R-R

LOT 60
N/F
OWOLABI GBENGA & ADERONKE
L.00000 F.000
USE-RESIDENTIAL
ZONE-R-R

LOT 1
N/F
IRUM FARHANA ETAL
L.00424 F.424
USE-RESIDENTIAL
ZONE-R-R

LOT 2
N/F
WILSON COURTNEY & DENISE
L.31238 F.106
USE-RESIDENTIAL
ZONE-R-R

LOT 3
N/F
TEANEY MICHAEL & GRACE
L.00000 F.000
USE-EXEMPT
ZONE-R-R

LOT 4
N/F
BALIC RESAD
L.36162 F.354
USE-RESIDENTIAL
ZONE-R-R

NOTE: FOLLOWING ROAD SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT STABILIZATION MUST BE COMPLETED BY THE END OF THE WORKDAY.

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OR LOG ON TO
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DRAWN BY CGB
APPROVED BY MB
CHECKED BY DJS
DATE JULY 2020

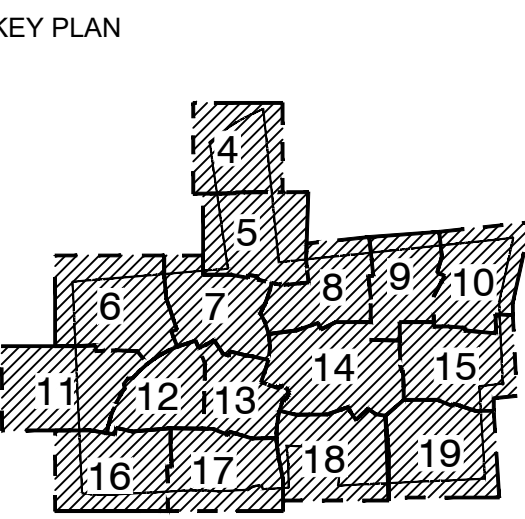
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Prince George's County Planning Department, MNCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-010-2020			
Approved by	Date	DRD#	Reason for Revision
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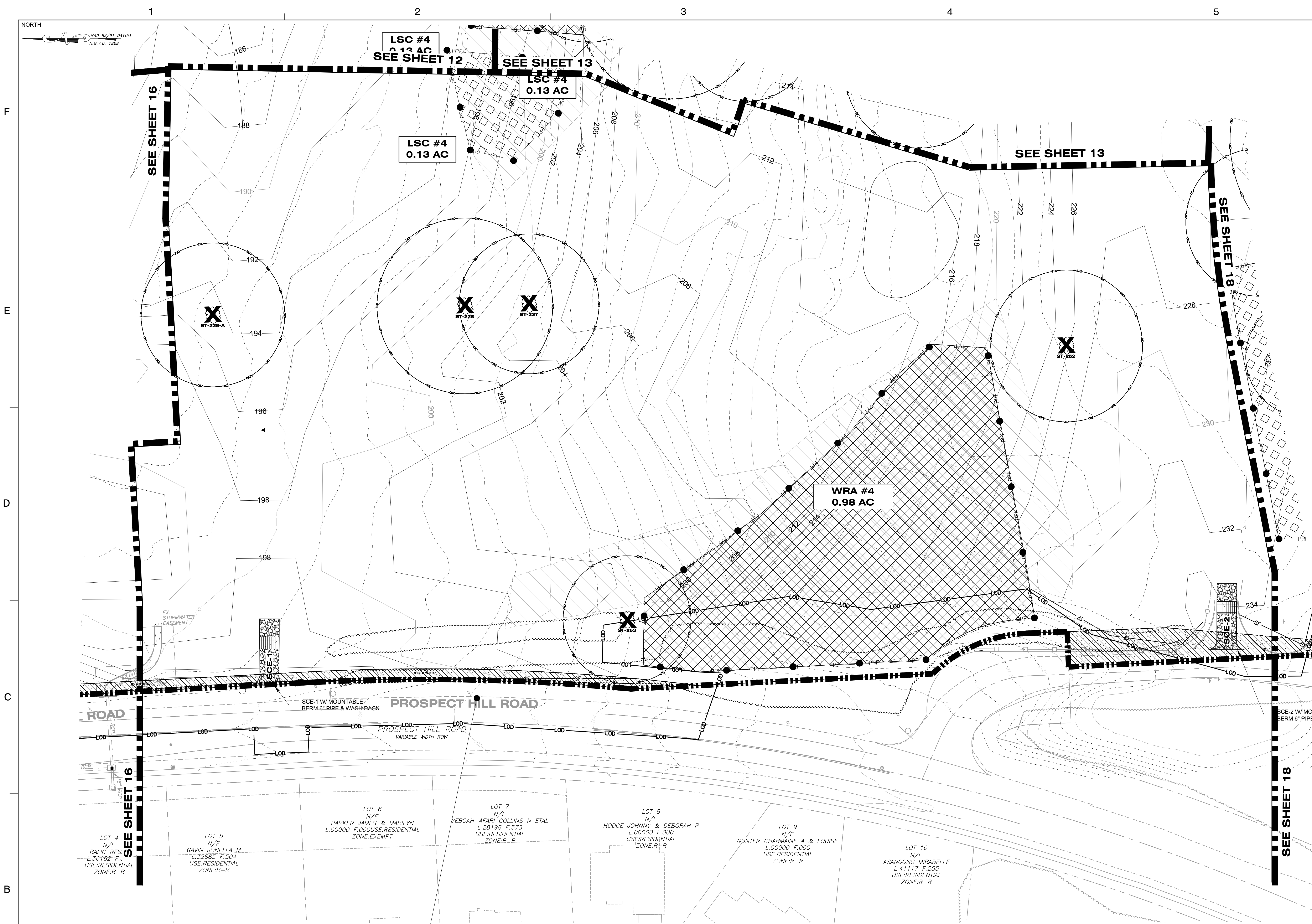
THE FAIRWAYS
PRINCE GEORGE'S COUNTY
MARYLAND
TYPE 2 TREE CONSERVATION
PLAN FOR ROUGH GRADING
PLAN SHEET

Dewberry
Dewberry Engineers Inc.
4601 Forbes Boulevard, Suite 300
Lanham, MD 20708
301.731.5551
301.731.0188 fax
PROJECT NO. 50107161
16
SHEET NO. 16 OF 22

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING BOUNDARY
- EXISTING ADJACENT PROPERTY
- EXISTING GAS LINE
- PRIMARY MANAGEMENT AREA
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PROPERTY OWNERS AWARENESS CERTIFICATE

IF WE, **GALAXY INC. LLC**, HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2 TREE CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.

OWNER OR OWNERS REPRESENTATIVE: *[Signature]* DATE: *8-17-2020*

NOTE:
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http://www.mississibilly.net
48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY

INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

DRAWN BY: CGB
APPROVED BY: MB
CHECKED BY: DJS
DATE: JULY 2020

OWNER/APPLICANT: SLDL, LLC
448 VIKING DRIVE, SUITE 220
VIRGINIA BEACH, VA 23452

CONTACT: SEAN F. BRUCE
301.502.0956
sfdevelopment@gmail.com

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

SCALE(S):
0' 30' 60'
1"=30'

NO.	DESCRIPTION	DATE	BY
00			
01			
02			
03			
04			
05			
06			

SEAL

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3108, EXPIRATION DATE: OCTOBER 3, 2021.

10/26/2020

KEY PLAN

THE FAIRWAYS

PRINCE GEORGE'S COUNTY MARYLAND

TYPE 2 TREE CONSERVATION PLAN FOR ROUGH GRADING PLAN SHEET

Dewberry

Dewberry Engineers Inc.
4601 Forbes Boulevard, Suite 300
Linthum, MD 20708
301.731.5551
301.731.0188 fax

PROJECT NO. 50107161

17

SHEET NO. 17 of 22



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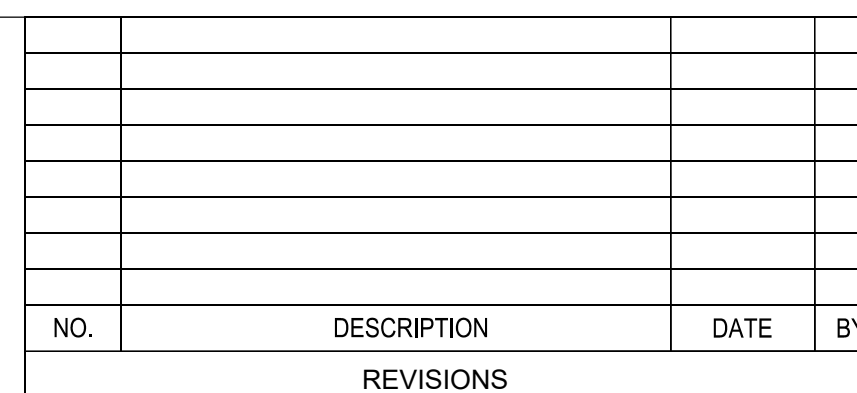
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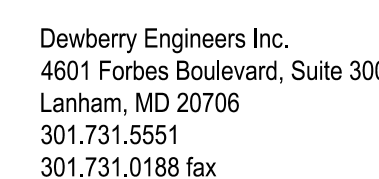
OWNER/APPLICANT

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VIRGINIA BEACH, VA 23452

14TH ELECTION DISTRICT
PRINCE GEORGE'S ROAD ATLAS:
TAX MAP 36, GRID E3
WSSC GRID 209NE10, 209NE11, 210NE10

PRINCE GEORGE'S COUNTY
MARYLAND

TYPE 2 TREE CONSERVATION
PLAN FOR ROUGH GRADING
PLAN SHEET



PROJECT NO.	50107161
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18

SHEET NO. 18 of 22

LEGEND

	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING BOUNDARY
	EXISTING ADJACENT PROPERTY
	EXISTING GAS LINE
	PRIMARY MANAGEMENT AREA
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PROPERTY OWNERS AWARENESS CERTIFICATE

IF WE GALAXY NC, LLC HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2
ZONING CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.

[Signature] 9.7.2020
OWNER OR OWNERS REPRESENTATIVE DATE

DRAWN BY	CGB
APPROVED BY	MB
CHECKED BY	DJS
DATE	JULY 2020

CONTACT

SEAN F. BRUCE
301.502.0956
sfbdevelopment@gmail.com

SCALE(S)

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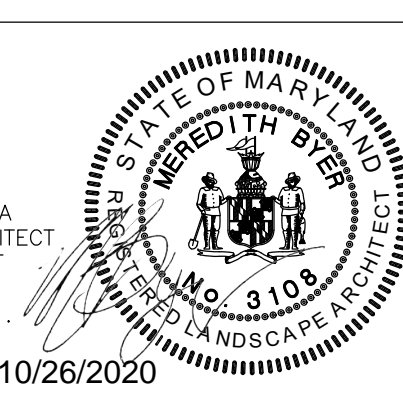
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EXPIRATION DATE: OCTOBER 3, 2021.



10/26/2020





SHEET NO. 19 of 22

- STEEP SLOPE AND HIGHLY ERODIBLE SOILS NOTE:
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05 _____ 06 _____		OR LOG ON TO www.call811.com http://www.missutility.net		OWNER/APPLICANT DRAWN BY CGB APPROVED BY MB CHECKED BY DJS DATE JULY 2020		SLDL, LLC 448 VIKING DRIVE, SUITE 220 VIRGINIA BEACH, VA 23452 SEAN F. BRUCE 301.502.0956 sfbdevelopment@gmail.com		CONTACT 14TH ELECTION DISTRICT PRINCE GEORGE'S ROAD ATLAS: TAX MAP 36, GRID E3 WSSC GRID 209NE10, 209NE11, 210NE10		SCALE(S) Unless otherwise noted		SEAL PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3108. EXPIRATION DATE: OCTOBER 3, 2021. 10/26/2020				 Dewberry Engineers Inc. 4601 Fortens Boulevard, Suite 300 Lanham, MD 20706 301.731.5551 301.731.0188 fax		PROJECT NO. 50107181 20 SHEET NO. 20 of 22	
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THE FAIRWAYS

PLANTING SCHEDULES

AFFORESTATION AREA #1									
Species		Large Caliper Planting Stock				Acreage		1.19	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	40	93	11.2%	
Liquidambar styraciflua	Sweetgum	1-1.49"		2.33	B&B	40	93	11.2%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	40	93	11.2%	
Platanus occidentalis	American Sycamore	1-1.49"		2.33	B&B	40	93	11.2%	
Fraxinus pennsylvanica	Green Ash	1-1.49"		2.33	B&B	40	93	11.2%	
Quercus phellos	Willow Oak	1-1.49"		2.33	B&B	40	93	11.2%	67.1% B&B
Liquidambar styraciflua	Sweetgum			1	Seedling	140	140	16.8%	
Liriodendron tulipifera	Tulip Poplar			1	Seedling	134	134	16.1%	32.9% SdIng
						Reforestation Units Provided	833		
						Total Reforestation Units Required	833		
						Excess	0		

AFFORESTATION AREA #2									
Species		Large Caliper Planting Stock				Acreage		0.69	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	40	93	19.3%	
Quercus rubra	Northern Red Oak	1-1.49"		2.33	B&B	30	70	14.5%	
Quercus alba	White Oak	1-1.49"		2.33	B&B	20	47	9.7%	
Liquidambar styraciflua	Sweetgum	1-1.49"		2.33	B&B	20	47	9.7%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	20	47	9.7%	
Cercis canadensis	Eastern Redbud	1-1.49"		2.33	B&B	15	35	7.2%	
Pinus taeda	Loblolly Pine	1"	6'-8'	2.33	B&B	5	12	2.4%	72.4% B&B
Quercus rubra	Northern Red Oak			1	Container	40	40	8.3%	
Liquidambar styraciflua	Sweetgum			1	Container	43	43	8.9%	
Liriodendron tulipifera	Tulip Poplar			1	Seedling	50	50	10.4%	
						0	0	0.0%	27.6% SdIng
						Reforestation Units Provided	483		
						Total Reforestation Units Required	483		
						Shortage	0		

AFFORESTATION AREA #3									
Species		Large Caliper Planting Stock				Acreage		1.28	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	50	117	13.0%	
Liquidambar styraciflua	Sweetgum	1-1.49"		2.33	B&B	50	117	13.0%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	50	117	13.0%	
Platanus occidentalis	American Sycamore	1-1.49"		2.33	B&B	50	117	13.0%	
Quercus phellos	Willow Oak	1-1.49"		2.33	B&B	50	117	13.0%	
Cercis canadensis	Eastern Redbud	1-1.49"		2.33	B&B	50	117	13.0%	77.8% B&B
Liquidambar styraciflua	Sweetgum			1	Seedling	100	100	11.1%	
Liriodendron tulipifera	Tulip Poplar			1	Seedling	100	100	11.1%	22.2% SdIng
						Reforestation Units Provided	899		
						Total Reforestation Units Required	896		
						Excess	3		

AFFORESTATION AREA #4									
Species		Large Caliper Planting Stock				Acreage		0.98	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	50	117	16.9%	
Liquidambar styraciflua	Sweetgum	1-1.49"		2.33	B&B	50	117	16.9%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	50	117	16.9%	
Platanus occidentalis	American Sycamore	1-1.49"		2.33	B&B	60	140	20.3%	71.0% B&B
Liquidambar styraciflua	Sweetgum			1	Seedling	100	100	14.5%	
Liriodendron tulipifera	Tulip Poplar			1	Seedling	100	100	14.5%	29.0% SdIng
						Reforestation Units Provided	689		
						Total Reforestation Units Required	686		
						Excess	3		

AFFORESTATION AREA #5									
Species		Large Caliper Planting Stock				Acreage		1.16	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	40	93	11.5%	
Quercus rubra	Northern Red Oak	1-1.49"		2.33	B&B	30	70	8.6%	
Liquidambar styraciflua	Sweetgum	1-1.49"		2.33	B&B	50	117	14.4%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	55	128	15.8%	
Quercus	Scarlet Oak	1-1.49"		2.33	B&B	45	105	12.9%	
Platanus occidentalis	American Sycamore	1-1.49"		2.33	B&B	40	93	11.5%	74.6% B&B
Liquidambar styraciflua	Sweetgum			1	Seedling	106	106	13.1%	
Liriodendron tulipifera	Tulip Poplar			1	Seedling	100	100	12.3%	
						Seedling	1	Seedling	0
						0	0	0.0%	25.4% SdIng
						Reforestation Units Provided	812		
						Total Reforestation Units Required	812		
						Shortage	0		

AFFORESTATION AREA #6									
Species		Large Caliper Planting Stock				Acreage		0.38	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Nyssa sylvatica	Black gum	1-1.49"		2.33	B&B	35	82	30.4%	
Amelanchier canadensis	Shadblow Serviceberry	1-1.49"		2.33	B&B	45	105	39.1%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	35	82	30.4%	100.0% B&B
						Reforestation Units Provided	268		
						Total Reforestation Units Required	266		
						Excess	2		

AFFORESTATION AREA #7									
Species		Large Caliper Planting Stock				Acreage		0.34	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Cercis canadensis	Eastern redbud	1-1.49"		2.33	B&B	25	58	23.8%	
Nyssa sylvatica	Black gum	1-1.49"		2.33	B&B	30	70	28.6%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	35	82	33.3%	
Platanus occidentalis	American Sycamore	1-1.49"		2.33	B&B	15	35	14.3%	100.0% B&B
						Reforestation Units Provided	245		
						Total Reforestation Units Required	238		
						Excess	7		

AFFORESTATION AREA #8									
Species		Large Caliper Planting Stock				Acreage		1.45	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	60	140	13.8%	
quercus palustris	Pin Oak	1-1.49"		2.33	B&B	65	151	14.9%	
Nyssa sylvatica	Black gum	1-1.49"		2.33	B&B	55	128	12.6%	
Quercus rubra	Northern Red Oak	1-1.49"		2.33	B&B	55	128	12.6%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	55	128	12.6%	
Tsuga canadensis	Eastern Hemlock	1"	6'-8'	2.33	B&B	15	35	3.4%	
Juniperus virginiana	Eastern Red Cedar	1"	6'-8'	2.33	B&B	45	105	10.3%	80.3% B&B
Liquidambar styraciflua	Sweetgum			1	Seedling	100	100	9.8%	
Liriodendron tulipifera	Tulip Poplar			1	Seedling	100	100	9.8%	19.7% SdIng
						Reforestation Units Provided	1,016		
						Total Reforestation Units Required	1,015		
						Excess	1		

AFFORESTATION AREA #9									
Species		Large Caliper Planting Stock				Acreage		0.77	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	35	82	15.1%	
quercus palustris	Pin Oak	1-1.49"		2.33	B&B	35	82	15.1%	
Nyssa sylvatica	Black gum	1-1.49"		2.33	B&B	20	47	8.6%	
Amelanchier canadensis	Shadblow Serviceberry	1-1.49"		2.33	B&B	25	58	10.8%	
Acer saccharinum	Silver Maple	1-1.49"		2.33	B&B	15	35	11.7%	
Quercus rubra	Northern Red Oak	1-1.49"		2.33	B&B	35	82	15.1%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	55	128	23.8%	
Juniperus virginiana	Eastern Red Cedar	1"	6'-8'	2.33	B&B	10	23	4.3%	99.4% B&B
Liriodendron tulipifera	Tulip Poplar			1	Seedling	3	3	0.6%	0.6% SdIng
						Reforestation Units Provided	539		
						Total Reforestation Units Required	539		
						Shortage	0		

AFFORESTATION AREA #10									
Species		Large Caliper Planting Stock				Acreage		0.65	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	40	93	20.3%	
quercus palustris	Pin Oak	1-1.49"		2.33	B&B	35	82	17.8%	
Liquidambar styraciflua	Sweetgum	1-1.49"		2.33	B&B	45	105	22.8%	
Nyssa sylvatica	Black gum	1-1.49"		2.33	B&B	35	82	17.8%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	42	98	21.3%	100% B&B
						Reforestation Units Provided	459		
						Total Reforestation Units Required	455		
						Excess	4		

AFFORESTATION AREA #11						Acreage		1.85	
Species		Large Caliper Planting Stock				Reforestation		Percent of	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Credits	Stocking	
Liriodendron tulipifera	Tulip Poplar	1-1.49"		2.33	B&B	45	105	8.1%	
Quercus	Scarlet Oak	1-1.49"		2.33	B&B	45	105	8.1%	
quercus palustris	Pin Oak	1-1.49"		2.33	B&B	50	117	9.0%	
Quercus rubra	Northern Red Oak	1-1.49"		2.33	B&B	50	117	9.0%	
Acer saccharinum	Silver Maple	1-1.49"		2.33	B&B	50	117	9.0%	
Betula nigra	River Birch	1-1.49"		2.33	B&B	50	117	9.0%	
Liquidambar styraciflua	Sweetgum	1-1.49"		2.33	B&B	45	105	8.1%	
Acer rubrum	Red Maple	1-1.49"		2.33	B&B	50	117	9.0%	
Tsuga canadensis	Eastern Hemlock	1"	6'-8"	2.33	B&B	15	35	2.7%	
Juniperus virginiana	Eastern Red Cedar	1"	6'-8"	2.33	B&B	15	35	2.7%	
Liquidambar styraciflua	Sweetgum	Seedling		1	Seedling	165	165	12.7%	
Liriodendron tulipifera	Tulip Poplar	Seedling		1	Seedling	165	165	12.7%	
Reforestation Units Provided						1,297			
Total Reforestation Units Required						1,295			
Excess						2			
25.4% Sdling									

THE FAIRWAYS

PLANTING SCHEDULES

LANDSCAPE AREA #1									
Acreage 0.22									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Betula nigra	River Birch		1-1.49"	2.33	B&B		15	25	22.7%
Celtis occidentalis	Common Hackberry		1-1.49"	2.33	B&B		10	23	15.1%
Fagus grandifolia	American Beech		1-1.49"	2.33	B&B		10	23	15.1%
Pinus virginiana	Virginia Pine		1"	6-8'	2.33	B&B	10	23	15.1%
Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet		3 Gal.	1.75	Cont		10	18	11.8%
Ilex glabra 'Compacta'	Compact Inkberry Holly		3 Gal.	1.75	Cont		9	16	10.2%
Viburnum dentatum	Arrowwood Viburnum		3 Gal.	1.75	Cont		9	16	10.2%
							Reforestation Units Provided	154	
							Total Reforestation Units Required	154	
							Shortage	0	

LANDSCAPE AREA #2									
Acreage 0.23									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Acer rubrum	Red Maple		1-1.49"	2.33	B&B		20	47	28.6%
Betula nigra	River Birch		1-1.49"	2.33	B&B		15	35	21.4%
Liquidambar styraciflua 'Rotundifolia'	Sweetgum (Fruitless)		1-1.49"	2.33	B&B		10	23	14.3%
Quercus palustris	Pin Oak		1-1.49"	2.33	B&B		7	16	10.0%
Quercus rubra	Red Oak		1-1.49"	2.33	B&B		12	28	17.1%
Pinus strobus	White Pine		1"	6-8'	2.33	B&B	3	7	4.3%
Ilex verticillata	Winterberry		3 Gal.	1.75	Cont		4	7	4.3%
							Reforestation Units Provided	163	
							Total Reforestation Units Required	161	
							Excess	2	

LANDSCAPE AREA #3									
Acreage 0.35									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Acer rubrum	Red Maple		1-1.49"	2.33	B&B		15	35	14.2%
Fagus grandifolia	American Beech		1-1.49"	2.33	B&B		12	28	11.4%
Liquidambar styraciflua 'Rotundifolia'	Sweetgum (Fruitless)		1-1.49"	2.33	B&B		13	30	12.3%
Platanus occidentalis	Sycamore		1-1.49"	2.33	B&B		15	35	14.2%
Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet		3 Gal.	1.75	Cont		15	26	10.7%
Ilex glabra 'Compacta'	Compact Inkberry Holly		3 Gal.	1.75	Cont		12	21	8.6%
Ilex verticillata	Winterberry		3 Gal.	1.75	Cont		20	36	14.3%
Viburnum dentatum	Arrowwood Viburnum		3 Gal.	1.75	Cont		20	36	14.3%
							Reforestation Units Provided	245	
							Total Reforestation Units Required	245	
							Excess	0	

LANDSCAPE AREA #4									
Acreage 0.13									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Acer rubrum	Red Maple		1-1.49"	2.33	B&B		10	23	25.2%
Fagus grandifolia	American Beech		1-1.49"	2.33	B&B		7	16	17.6%
Quercus rubra	Red Oak		1-1.49"	2.33	B&B		10	23	25.2%
Pinus strobus	White Pine		1"	6-8'	2.33	B&B	9	21	22.6%
Ilex verticillata	Winterberry		3 Gal.	1.75	Cont		5	9	9.4%
							Reforestation Units Provided	93	
							Total Reforestation Units Required	91	
							Excess	2	

LANDSCAPE AREA #5									
Acreage 0.25									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Acer rubrum	Red Maple		1-1.49"	2.33	B&B		10	23	13.3%
Quercus palustris	Pin Oak		1-1.49"	2.33	B&B		25	58	33.3%
Quercus rubra	Red Oak		1-1.49"	2.33	B&B		25	58	33.3%
Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet		3 Gal.	1.75	Cont		10	18	10.0%
Viburnum dentatum	Arrowwood Viburnum		3 Gal.	1.75	Cont		10	18	10.0%
							Reforestation Units Provided	175	
							Total Reforestation Units Required	175	
							Shortage	0	

LANDSCAPE AREA #6A									
Acreage 0.14									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Celtis occidentalis	Common Hackberry		1-1.49"	2.33	B&B		15	35	35.3%
Liquidambar styraciflua 'Rotundifolia'	Sweetgum (Fruitless)		1-1.49"	2.33	B&B		10	23	23.3%
Quercus rubra	Red Oak		1-1.49"	2.33	B&B		7	16	16.6%
Pinus strobus	White Pine		1"	6-8'	2.33	B&B	2	5	8.0%
Viburnum dentatum	Arrowwood Viburnum		3 Gal.	1.75	Cont		11	19	19.5%
							Reforestation Units Provided	98	
							Total Reforestation Units Required	98	
							Excess	0	

LANDSCAPE AREA #6B									
Acreage 0.30									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Fagus grandifolia	American Beech		1-1.49"	2.33	B&B		15	35	24.8%
Liquidambar styraciflua 'Rotundifolia'	Sweetgum (Fruitless)		1-1.49"	2.33	B&B		15	35	24.8%
Nyssa sylvatica	Black Gum		1-1.49"	2.33	B&B		15	35	24.8%
Juniperus virginiana	Eastern Red Cedar		1"	6-8'	2.33	B&B	5	12	8.3%
Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet		3 Gal.	1.75	Cont		14	25	17.4%
							Reforestation Units Provided	141	
							Total Reforestation Units Required	140	
							Excess	1	

LANDSCAPE AREA #7A									
Acreage 0.17									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Nyssa sylvatica	Black Gum		1-1.49"	2.33	B&B		6	14	11.7%
Platanus occidentalis	Sycamore		1-1.49"	2.33	B&B		5	12	9.8%
Quercus palustris	Pin Oak		1-1.49"	2.33	B&B		8	19	15.6%
Quercus rubra	Red Oak		1-1.49"	2.33	B&B		10	23	19.5%
Ilex opaca	American Holly		1"	6-8'	2.33	B&B	4	9	7.8%
Pinus strobus	White Pine		1"	6-8'	2.33	B&B	4	9	7.8%
Juniperus virginiana	Eastern Red Cedar		1"	6-8'	2.33	B&B	6	14	11.7%
Ilex verticillata	Winterberry		3 Gal.	1.75	Cont		5	9	7.8%
Viburnum dentatum	Arrowwood Viburnum		3 Gal.	1.75	Cont		6	11	8.8%
							Reforestation Units Provided	119	
							Total Reforestation Units Required	119	
							Excess	0	

LANDSCAPE AREA #7B									
Acreage 0.17									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Nyssa sylvatica	Black Gum		1-1.49"	2.33	B&B		20	47	39.0%
Quercus palustris	Pin Oak		1-1.49"	2.33	B&B		12	28	23.3%
Quercus rubra	Red Oak		1-1.49"	2.33	B&B		10	23	19.4%
Ilex opaca	American Holly		1"	6-8'	2.33	B&B	5	12	9.7%
Ilex verticillata	Winterberry		3 Gal.	1.75	Cont		6	11	8.7%
							Reforestation Units Provided	120	
							Total Reforestation Units Required	119	
							Excess	1	

LANDSCAPE AREA #8									
Acreage 0.18									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Acer rubrum	Red Maple		1-1.49"	2.33	B&B		20	47	36.9%
Nyssa sylvatica	Black Gum		1-1.49"	2.33	B&B		12	28	23.4%
Pinus strobus	White Pine		1"	6-8'	2.33	B&B	9	21	16.6%
Juniperus virginiana	Eastern Red Cedar		1"	6-8'	2.33	B&B	2	5	3.7%
Ilex verticillata	Winterberry		3 Gal.	1.75	Cont		15	26	20.8%
							Reforestation Units Provided	126	
							Total Reforestation Units Required	126	
							Excess	0	

LANDSCAPE AREA #9									
Acreage 0.12									
Botanical Name	Species	Common Name	Caliper	Height	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking
Acer rubrum	Red Maple		1-1.49"	2.33	B&B		10	23	27.4%
Betula nigra	River Birch		1-1.49"	2.33	B&B		9	21	24.7%
Pinus strobus	White Pine		1"	6-8'	2.33	B&B	5	12	12.7%
Juniperus virginiana	Eastern Red Cedar		1"	6-8'	2.33	B&B	5	12	12.7%
Ilex glabra 'Compacta'	Compact Inkberry Holly		3 Gal.	1.75	Cont		5	9	10.3%
Spiraea douglasii	Steeplebush		3 Gal.	1.75	Cont		5	9	10.3%
							Reforestation Units Provided	85	
							Total Reforestation Units Required	84	
							Excess	1	

LANDSCAPE AREA #10							Acreage	0.15	
Species		Large Caliper Planting Stock					Reforestation Credits	Percent of Stocking	
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Type	Quantity			
Fagus grandifolia	American Beech	1-1.49"		2.33	B&B	8	19	17.8%	
Quercus palustris	Pin Oak	1-1.49"		2.33	B&B	9	21	20.0%	
Quercus rubra	Red Oak	1-1.49"		2.33	B&B	12	28	26.7%	
Pinus strobus	White Pine	1"	6-8'	2.33	B&B	4	9	8.9%	
Ilex glabra 'Compacta'	Compact Inkberry Holly	3 Gal.		1.75	Cont	10	18	16.7%	
Ilex verticillata	Winterberry	3 Gal.		1.75	Cont	6	11	10.0%	
Reforestation Units Provided							105		
Total Reforestation Units Required							105		
Shortage							0		