		BEN	NCHMAR	KS
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
14CB	598,079.749	1,306,428.279	590.999'	92.7' S OF BG&E#526413 94'± NORTH OF CL OF MILLERS MILL ROAD
14CC	599,950.240	1,306,517.817	602.899'	1.5' NORTHEAST OF RT 97 E.PAV. 28.1' NORTH C&P 11

FOI	REST CO	ONSERVATION	ON ARE	A CHART		
EASEMENT	RETENTION AREA (AC.)	RETENTION CREDIT AREA (AC.)		AFFORESTATION AREA (AC.)		TOTAL AREA (AC.)
1	10.09	9.15	0.92	3.09	12.24	13.16
2	3.09	3.09	0	0.35	3.45	3.44

	SI	TE ANALYSIS	S DATA	CHART
TOTAL PROJECT AREA	PRESENT ZONING		DECIDEN	PROPOSED USE
21.5155 AC± PRESERVATION EASEMENT	RC-DEO RESIDEN' TAX MAP, GRID, F		TAIL / FOREST MITIGATION BANK	
AREA 21.5155 AC±	TAX MAP 14, GRID 3, PART OF PA			
FOREST RETENTION EASEMENT AREA 13.16 AC±		RESTATION (PLANTING) EASEMENT AREA 3.44 AC±	FORES	T CONSERVATION EASEMENTS TOTAL AREA 16.60
NUMBER OF BUILDABLE PARCELS		AS	SOCIATED FILE	
1			F-18-75	
APPROXIMATE STREAM AREA		APPROXIMATE W AREA	ETLAND	AREA OF 100 YEAR FLOODPLAIN
1,483 LF		0.04 AC±		1.07 AC±*
APPROXIMATE STREAM BUFFER AREA 1.87 AC±	,	APPROXIMATE W BUFFER AR 0.22 AC±	EA	APPROXIMATE STEEP SLOPES AREA 1.32 AC±

^{*} SEE GENERAL NOTE 15 - THIS SHEET

SALE	CONSERVATION OBLIGATION	PROJECT NAME	HOWARD COUNTY FILE NUMBER	REMAI
1	2.6 ACRES	THE WOODLANDS	F-18-094	9.6 AC
2	0.4 ACRES	KEIM PROPERTY	SDP-20-049	9.2 AC
3	8.2 ACRES	TRIPLE CREEK	SDP-21-011	1.0 AC
Ч	1.0 ACRES	VICEROY SOLAR, LLC	SDP-21-049	0.0 A
				· · · · · · · · · · · · · · · · · · ·

* 13.2 ACRES TOTAL OF FOREST CONSERVATION EASEMENT - RETENTION

ſ	FCE	BANK SALE	S ACREAGE CHART: AFFOR	ESTATION- 3.44	ACRES*
	SALE	CONSERVATION OBLIGATION	PROJECT NAME	HOWARD COUNTY FILE NUMBER	REMAINING ACREAGE
3	4	0.44 ACRES	VICEROY SOLAR, LLC	SDP-21-049	3.0 ACRES
	5	3.00 ACRES	METALMARK SOLAR, LLC	SDP-21-012	0.0 Acres
[
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* 3.44 ACRES TOTAL OF FOREST CONSERVATION EASEMENT - AFFORESTATION

E	EASEME	NT
L	INE TAB	LE
LINE	BEARING	DIST.
L1	N 28°04'47" E	151.25'
L2	S 83°37'21" E	89.64
L3	N 47°40'01" E	32.66'
L4	N 22°05'33" E	86.74'
L5	N 72°53'16" W	118.00'
L6	N 17°09'41" E	25.27'
L7	N 53°04'01" E	92.28'
L8	N 36°55'59" E	10.00'
L9	N 53°04'01 E	40.00'
L10	N 36°56'00" W	10.00'
L11	N 53°07'29" E	46.30'
L12	S 42°12'21" E	24.92'
L13	N 48°10'47" E	26.42'
L14	N 42°12'21" W	22.63'
L15	N 53°07'29" E	19.05'
L16	S 36°52'31" E	10.00'
L17	N 53°07'29" E	40.00'
L18	N 36°52'30" W	15.00'
L19	N 53°07'29" E	43.09'
L20	N 80°00'30" E	53.17'
L21	S 82°13'02" E	144.27'
L22	S 23°31'13" E	109.16
L23	N 85°35'20" E	116.77'
L24	S 64°48'08" E	188.62'
L25	S 02°14'28" W	189.59'
L26	N 87°45'32" W	234.56'
L27	N 82°13'04" W	145.90'
L28	S 80°00'30" W	59.10'
L29	S 53°07'29" W	113.21'
L30	N 89°31'13" W	43.99'
L31	S 00°00'00" E	33.35'
L32	S 53°04'01" W	112.43
L33	N 36°55'59" W	119.16'
L34	S 67°50'05" W	150.64'
L35	S 63°06'00" W	
L36	S 20°47'59" W	110.64
L37	S 14°19'23" E	35.43'
L38	S 78°24'39" E	49.34'
L39	S 07°04'25" W	49.29'
L40	S 76°39'10" W	61.79'
L41	S 30°58'10" W	163.93'
L42	S 74°11'24" W	241.36
L43	N 27°34'17" W	41.31'
L44	N 10°23'34" E	23.62'
1.45	NI 4000AIOAII IAI	44 001

L45 N 12°04'21" W 41.92'

L46 N 36°06'03" W 22.18'

A SURETY FOR THE 3.44 ACRES OF FOREST CONSERVATION PLANTING SHALL BE POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT. THE SURETY WILL BE BASED ON THE \$0.50 PER SQUARE FOOT OF PLANTING AND WILL BE \$74,923.00.

RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS DEVELOPER RESERVES LINTO ITSELE ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAN FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA") LOCATED IN, ON, OVER, AND THROUGH LOT(S)/PARCELS, ANY CONVEYANCES OF THE AFORESAID LOT(S)/PARCELS SHALL BE SUBJECT TO EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S)/PARCELS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA LIPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY AND IN THE CASE OF THE FOREST CONSERVATION EASEMENT(S), UPON COMPLETION OF THE DEVELOPER'S OBLIGATION UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY THE DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.

GENERAL NOTES CONTINUED:

DATED APRIL 29, 2018 AND WAS APPROVED ON JULY 5. 2018.

- 32. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE. 33. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF
- ENGINEERING/CONSTRUCTION INSPECTIONS DIVISION AT (410)313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- 34. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- 35. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT. 36. ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED. SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2"
- GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) 3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON THE TOP OF EACH POST. 37. THE NON-CRITICAL FLOODPLAIN STUDY FOR THIS PROJECT WAS PREPARED BY SILL ENGINEERING GROUP, LLC,
- 38. ON NOVEMBER 28, 2019 AN ALTERNATIVE COMPLIANCE PETITION TO WAIVE SECTION 16.144(P) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, TO PERMIT A TIME EXTENSION TO THE PAYMENT OF FEES, POSTING OF SURETY AND COMPLETION OF THE DEVELOPER'S AGREEMENT WAS APPROVED BY THE DIRECTOR OF PLANNING AND ZONING SUBJECT TO THE FOLLOWING CONDITIONS, REFER TO WAIVER
- PAYMENT OF FEES, POSTING OF SURETY AND COMPLETION OF THE DEVELOPER'S AGREEMENT MUST BE
- ON THE FINAL PLAN (F-18-075 AND SDP-18-052) AND ALL SUBSEQUENT PLANS AND/OR PLATS, PROVIDED A BRIEF DESCRIPTION OF THE ALTERNATIVE COMPLIANCE, WP-19-040, AS A GENERAL NOTE TO INCLUDE REQUEST, SECTIONS OF THE REGULATION ACTION AND DATE.

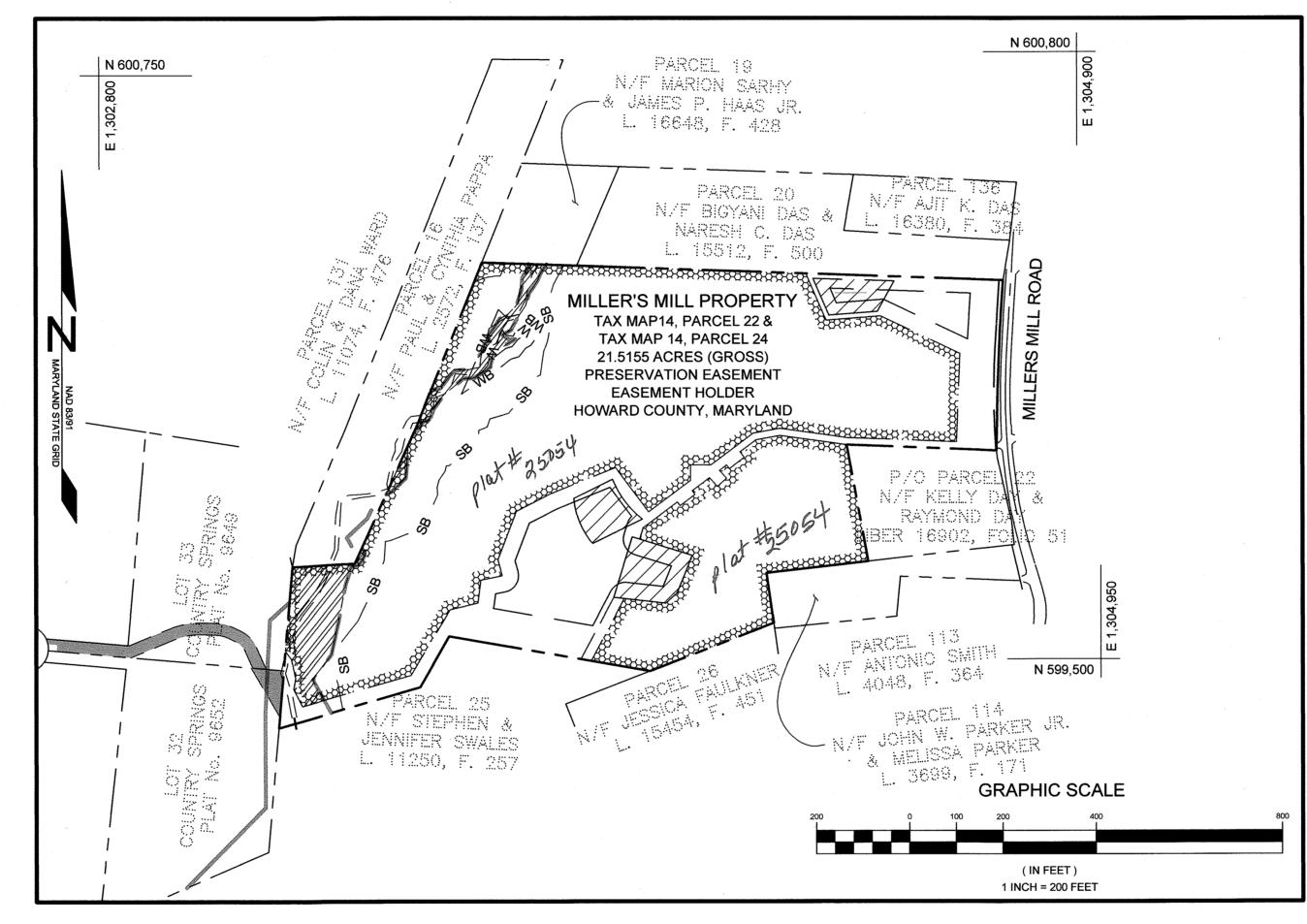
	1
APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	
DINECTOR LA DATE	
Vertsele 6.19-19	3
CHIEF, DIVISION OF LAND DEVELOPMENT DATE	2
01 161 1 42419	1
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE	NO.
, , ,	1 .

		THE STATE OF THE S
3	REVISE FOR BANK RETENTION CHART WITH SALE 4 AD AND FOR BANK AFFORESTATION CHART WITH SALE 4 4 5	08/31/2021
2	REVISE FLE BANK RETENTION CHART WITH SALE 3	07/15/2021
Amend	REVISE FCE BANK RETENTION CHART	05/10/2021
NO.	DESCRIPTION	DATE

REVISIONS

SITE DEVELOPMENT PLAN MILLERS MILL PROPERTY

FOREST CONSERVATION MITIGATION BANK PARCEL 22 & 24 HOWARD COUNTY, MARYLAND



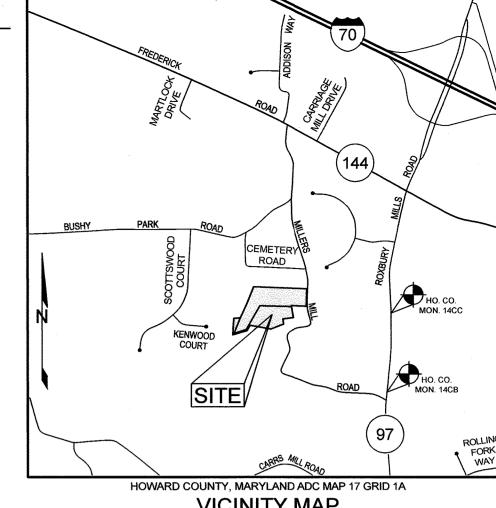
SITE DATA CHART

LOCATION: TAX MAP 14, GRID 3, PART OF PARCEL 22 & PARCEL 24 **ELECTION DISTRICT: 4** DEED/PLAT REFERENCES: PARCEL 22: L.18525, F. 408 PARCEL 24: L.6254, F. 474 PRESENT ZONING: RC-DEO SUBDIVISION: MILLER'S MILL PROPERTY SECTION/AREA: N/A SITE ADDRESS: 15015 KENWOOD COURT, WOODBINE, MARYLAND 21797 USE OF STRUCTURE: RESIDENTIAL TOTAL EXISTING BUILDING COVERAGE: 0.1392 AC± APPROXIMATED WETLANDS ON-SITE: ~ 0.04 AC± APPROXIMATED WETLAND BUFFER ON-SITE: ~ 0.22 AC± APPROXIMATED STREAM AREA ON-SITE: ~ 1,483 LF APPROXIMATED STREAM BUFFER ON-SITE: ~ 1.87 AC+ AREA OF ON-SITE 100 YEAR FLOODPLAIN: 1.07 AC± APPROXIMATE AREA OF STEEP SLOPES: ~ 1.32 AC± AREA OF EXISTING FOREST ON-STIE: 14.52 AC± ERODIBLE SOILS AND FLOODPLAIN AREA: ~ 0.00 AC± DPZ REFERENCES: SITE AREA: 21.5155 AC± LIMIT OF DISTURBED AREA: N/A

SENDING PARCEL	MILLER'S MILL RE-18-075, SDP-18-052 TAX MAP 14, GRID 3
INFORMATION	PARCEL 24: L. 6254, F. 474; P/O PARCEL 22 L.18525, F. 408
TOTAL PARCEL	
COMPUTED ACREAGE	21.52 Ac.±
PRESERVATION	
PARCEL ACREAGE	21.52 Ac.±
DEO UNITS	
CREATED (1:3)	7 (21.52 / 3 = 7.17)
DEO UNITS	
SENT (1:3)	0
CEO UNITS	
CREATED (1:4.25)	5 (21.52 / 4.25 = 5.06)
CEO UNITS	
SENT (1:4.25)	4
RECIEVING PARCEL	THE WOODLANDS (F-18-094)
INFORMATION	TAX MAP 34, GRID 23, PARCEL 15
REMAINING	
ACREAGE	4.52*

* OF THE 4.52 ACRES THAT REMAIN, 1 UNIT AT A RATE OF 4.25 SHALL BE RESERVED FOR EXISTING RESIDENCE WITHIN THE PRESERVATION EASEMENT.

and the second s		
	LEGEND	
	EXISTING CONTOUR	382
	EXISTING SPOT ELEVATION	382.3
	EXISTING TREELINE	
	LIMIT OF WETLANDS	w w
	WETLANDS BUFFER	WB WB
	EXISTING STREAM	



VICINITY MAP

GENERAL NOTES:

SUBJECT PROPERTY IS ZONED: RC-DEO PER THE10/06/2013 COMPREHENSIVE ZONING PLAN

PARCEL 22 PARCEL 24: 15015 KENWOOD COURT 3. TOTAL AREA OF PROPERTY: 21.5156 AC.± PARCEL 22 TOTAL AREA:

PARCEL 24 TOTAL AREA

PARCEL 24: LIBER 6254 FOLIO 474

OR ABOUT JUNE OF 2016 BY NJR & ASSOCIATES, LLC.

THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL. WHICH I

THE SOILS SHOWN HAVE BEEN TAKEN FROM THE US DEPARTMENT OF AGRICULTURE. NATURAL RESOURCE

CONSERVATION SERVICE. WEB SOIL SURVEY WEBSITE.

AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSAR' 10 BRI DENOTES BUILDING RESTRICTION LINE

19. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED UNDER SECTION 16.1200 OF THE HOWARD WITHIN THE FOREST CONSERVATION EASEMENTS. HOWEVER FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION FASEMENT ARE ALLOWED.

20. THIS PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.

21. THERE IS AN EXISTING DWELLING (CIRCA 2004), AND STRUCTURES (CIRCA 2004) LOCATED ON PARCEL 22 TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLING/ STRUCTURES ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.

DENOTES THE AREA OF PRESERVATION EASEMENT WITH HOWARD COUNTY, MARYLAND AND MORGAN W. AND MONICA L. ADAMS, THE EASEMENT AGREEMENT OUTLINES THE MAINTENANCE RESPONSIBILITIES OF THE OWNER/PROHIBITS SUBDIVISION

OF THE PARCEL AND ENUMERATES THE USES PERMITTED ON THE PROPERTY. 23. THIS FOREST MITIGATION BANK IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL BECAUSE NO NEW LOTS ARE BEING CREATED.

24. WATER AND SEWER ARE PRIVATE.

25. NO STORMWATER MANAGEMENT IS REQUIRED FOR THIS PROJECT. 26. EXISTING UTILITIES ARE BASED ON FIELD LOCATION.

27. THIS PLAN IS EXEMPT FROM REQUIREMENTS OF THE FOREST CONSERVATION PROGRAM PER SECTION 16.1202(B)(1)(Vii) OF HOWARD COUNTY SUBDIVISION AND LAND REGULATIONS BECAUSE THE PROPERTY IS A PLAN OF EASEMENT AND NO NEW LOTS ARE BEING CREATED. A FOREST CONSERVATION BANK IS BEING PROPOSED FOR THE SITE.

28. THERE ARE NO CEMETERIES ON-SITE. 29. THERE ARE NO OTHER HISTORIC STRUCTURES ON SITE.

30. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.

31. TOTAL AREA OF FOREST CONSERVATION MITIGATION BANK AREA IS 16.6 ACRES (13.16 ACRES OF RETENTION AND 3.44 ACRES OF AFFORESTATION) LOCATED WITHIN TWO FOREST CONSERVATION EASEMENTS. THE TOTAL SURETY REQUIRED FOR THE AFFORESTATION PORTION OF THE BANK IS \$74,923.00 WHICH WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT FOR THIS PLAN.

	SHEET INDEX	
SHEET NO.	DESCRIPTION	
1	COVER SHEET	
2	SIMPLIFIED FOREST STAND DELINEATION & FOREST CONSERVATION PLAN	
3	FINAL FOREST CONSERVATION NOTES AND DETAILS	

OWNER/DEVELOPER

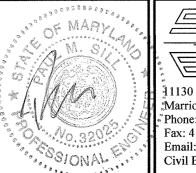
PARCEL 22 & 24 WILLIAM MORGAN ADAMS JR. & MONICA LYNN ADAMS 15015 KENWOOD COURT WOODBINE, MD 21797

COVER SHEET MILLER'S MILL PROPERTY

FOREST CONSERVATION MITIGATION BANK ZONED: RC-DEO

TAX MAP 14 GRID 3 4TH ELECTION DISTRICT

ASSOCIATED FILE NO. F-18-075 P/O PARCEL 22 & PARCEL 24 HOWARD COUNTY, MARYLAND



PERMIT INFORMATION CHART

TAX MAP # | ELECT. DIS.

WATER CODE

ZONING

RC-DEO

PAR. 24: 6254/474, PAR. 22: 18525/408

PARCEL#/LOT#

CENSUS TRACT

SEWER CODE

P/O PAR. 22 & PAR. 24

PROJECT NAME

MILLERS MILL PROPERTY

GRID#

PLAT REFERENCE

PLAT NO. 25054

DPZ FINAL NUMBER

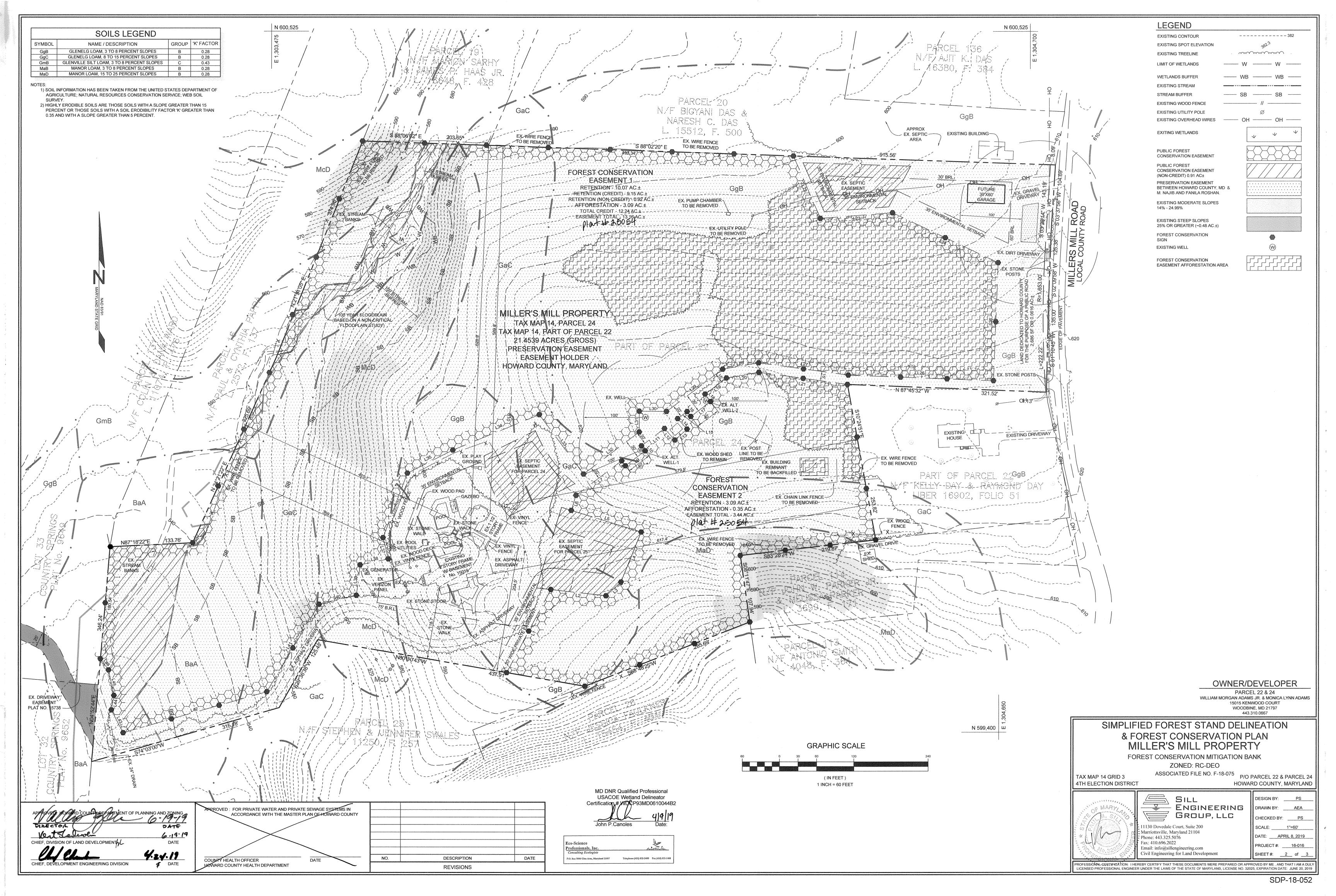
F-18-075

— ENGINEERING GROUP, LLC 11130 Dovedale Court, Suite 200 Marriottsville, Maryland 21104 Phone: 443.325.5076 Fax: 410.696.2022 Email: info@sillengineering.com

CHECKED BY: SCALE: AS SHOWN DATE: <u>APRIL 11, 2019</u> PROJECT#: 16-016

DRAWN BY:

Civil Engineering for Land Development SHEET#: <u>1</u> of <u>3</u> OFESSIONAL CERTIFICATION: 1 HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME , AND THAT I AM A DUI LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2019



EXISTING CONDITIONS OVERVIEW

THE SUBJECT PROPERTY IS 21.5+ ACRES LOCATED AT 2034 MILLERS MILL ROAD IN THE COOKSVILLE SECTION OF HOWARD COUNTY, MARYLAND. THE PROPERTY INCLUDES A SINGLE FAMILY HOME THAT IS SURROUNDED BY LAWN AREA. ACCESSORY USES AROUND THE HOME INCLUDE A POOL, GARDEN AREAS A GARAGE AND OTHER OUTBUILDINGS. THE HOMESTEAD AREA IS LOCATED IN THE SOUTHWESTERN PORTION OF THE SITE AND ACCESS TO THE HOME IS GAINED VIA A RIGHT OF WAY EASEMENT THROUGH THE PROPERTIES TO THE WEST OF THE SITE.

THE REMAINDER OF THE PROPERTY IS FOREST OR OLD FIELD, FORMER PASTURE, LANDS. FOREST OCCUPIES APPROXIMATELY 14.5 ACRES WITH THE MAJORITY OF THE FOREST BEING DOMINATED BY A MIXED OAK/TULIP POPLAR COMMUNITY. THE FOREST CONTAINS A SUCCESSIONAL STAGE OF THE OAK POPLAR COMMUNITY AND A MORE MATURE STAGE OF THIS ASSOCIATION. THE SUCCESSIONAL COMMUNITY, IDENTIFIED AS STAND F1, IS DOMINATED BY TULIP POPLAR THAT ARE GENERALLY 6-12 INCHES IN DIAMETER AT BREAST HEIGHT. POPLAR MAKES UP NEARLY 80 PERCENT OF THE CANOPY CLOSURE. LESS COMMON ASSOCIATES INCLUDE COTTONWOOD, BLACK CHERRY, AND RED MAPLE. AMERICAN HOLLY AND FLOWERING DOGWOOD ARE COMMON UNDERSTORY SPECIES. THIS STAND IS IMPACTED BY INVASIVE SPECIES, PARTICULARLY ALONG ITS OUTER EDGES. THESE INCLUDE ORIENTAL BITTERSWEET, JAPANESE HONEYSUCKLE, JAPANESE BARBERRY AND STILT GRASS.

THE MATURE OAK/POPLAR COMMUNITY IS PRESENT ALONG THE SLOPES ON THE WESTERN AND SOUTHERN PORTIONS OF THE SITE. THE CANOPY OF THIS STAND, MAPPED AS STAND F2, INCLUDE WHITE OAK, BLACK OAK, CHESTNUT OAK, RED OAK AND TULIP POPLAR. CHESTNUT OAK, WHICH IS THE MOST COMMON SPECIES, OCCUPIES NEARLY 40 PERCENT OF THE CANOPY. THE CANOPY TREES ARE GENERALLY 12-20 INCHES DBH WITH SCATTERED LARGER INDIVIDUALS WITHIN THE STAND. THE UNDERSTORY OF THE COMMUNITY INCLUDES BLACK CHERRY, RED MAPLE, BLACK GUM AND FLOWERING DOGWOOD. SPICEBUSH, LOWBUSH BLUEBERRY AND OAK SEEDLINGS COMPRISE THE SHRUB LAYER. THIS STAND HAS LESS INVASIVE SPECIES COLONIZATION BUT JAPANESE BARBERRY AND ORIENTAL BITTERSWEET WERE NOTED.

EIGHT SPECIMEN TREES WERE NOTED ON THE PROPERTY. ALL BUT ONE OF TREES OCCURS WITHIN THE FOREST. THE LOCATION, TYPE, SIZE AND CONDITION OF EACH TREE IS SHOWN HEREON.

THE OLD FIELD HABITAT HAS DEVELOPED IN WHAT APPEAR TO HAVE BEEN PASTURE OR HAYFIELD AREAS. THESE AREAS INCLUDE AREAS DOMINATED BY MIXED GRASSES AND WILDFLOWERS AS WELL AS AREAS WITH WOODY SUCCESSIONAL DEVELOPMENT. THE WOODY SUCCESSIONAL SPECIES INCLUDE NATIVE SPECIES INCLUDING BLACK LOCUST AND BLACK CHERRY AND INVASIVE SPECIES INCLUDING TREE-OF HEAVEN, AUTUMN OLIVE, AND BRADFORD PEAR. JAPANESE HONEYSUCKLE AND POISON IVY ARE ALSO COMMON IN THESE OPEN AREAS.

THE SITE CONTAINS A SMALL WETLAND/STREAM SYSTEM THAT IS LOCATED IN THE NORTHWEST CORNER OF THE PROPERTY. THIS AREA INCLUDES A PERENNIAL SPRING SEEP AND STREAM CHANNEL. JEWELWEED, RICE CUT GRASS FALSE NETTLE AND SKUNK CABBAGE WERE NOTED IN THE WETLANDS. THE STREAM CHANNEL CONTINUES TO FLOW ALONG TO THE SOUTH, MEANDERING ON AND OFF OF THE WESTERN EDGE OF THE PROPERTY. APPROXIMATELY 0.95 ACRES OF 100 YEAR FLOODPLAIN ARE PRESENT ALONG THE STREAM CHANNEL.

FOREST CONSERVATION BANK PROPOSAL

MAKE LATERAL

ROOT SYSTEM

BACKFILL WITH

EXISTING SOIL

SLICES IF ROOTBOUND

WITH EXISTING GRADE.

PLANTING PROCEDURE FOR CONTAINER GROWN PLANTS

1. REMOVE THE PLANT EITHER BY CUTTING OR INVERTING THE CONTAINER . USE A KNIFE TO CUT THROUGH BOTTOM HALF OF THE ROOT BALL.

4. PLANTING HOLE TO BE 2-3 TIMES THE DIAMETER OF THE CONTAINER.

GENTLY TAMP SOIL TO FIRM CONTACT WITH PLANT.

5. PLANT SHRUBS ON FORMED UP MOUNDS 4" ABOVE THE EXISTING GRADE WHEN HIGH WATER TABLE CONDITIONS EXIST, OTHERWISE PLANT FLUSH

5. INSERT FERTILIZER TABLET, BACKFILL 2/3 OF THE ROOT BALL AND WATER.

7. APPLY MULCH RING AROUND PLANT KEEPING A 6 IN CLEARANCE FROM STEM.

CONTAINER PLANTING DETAIL

NOT TO SCALE

6. AFTER WATER PERCOLATES, BACKFILL HOLE TO TOP OF ROOT BALL AND

THE PROPERTY OWNERS ARE SEEKING TO CREATE A FOREST CONSERVATION BANK THAT WILL INCLUDE APPROXIMATELY 13.16 ACRES OF FOREST RETENTION (OUTSIDE OF THE 100 YEAR FLOODPLAIN) AND 3.44 ACRES OF AFFORESTATION. THE PLANTING AREAS WILL EXPAND UPON THE LARGE RETENTION AREA. THE PLANTINGS WILL INCREASE FOREST RESOURCES AND HABITAT FUNCTION IN THE AREA OF THE SITE AND WILL PROVIDE ENHANCEMENT WATER QUALITY BENEFIT.

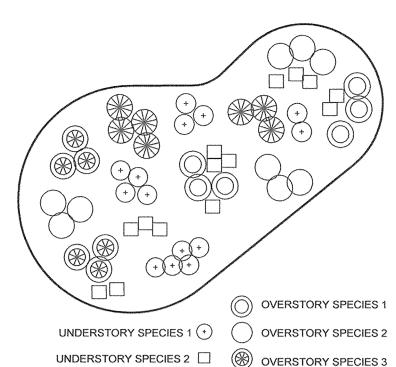
THE PLANTING PLAN HAS BEEN DESIGNED TO CREATE A NATURAL COMMUNITY WITH A MIX OF SUCCESSIONAL ELEMENTS. EARLY SUCCESSIONAL SPECIES HAVE BEEN FAVORED TO PROMOTE NATURAL COMMUNITY DEVELOPMENT WHILE SOME LATER SUCCESSIONAL SPECIES HAVE BEEN INCLUDED TO INCREASE DIVERSITY AND PROMPT FUTURE SUCCESSION.

THE FOREST WITHIN THE FLOODPLAIN HAS BEEN INCLUDED IN THE FOREST CONSERVATION EASEMENT BUT HAS NOT BEEN CALCULATED TOWARD RETENTION CREDIT AVAILABLE FOR THE BANK.

> KEEP 6 IN DIAMETER CLEARANCE OF MULCH AROUND STEM

> > " THICK MULCH RING

24" IN DIAMETER MINIMUM



THIS DIAGRAM SHOWS A TYPICAL DISPERSAL OF SPECIES WITHIN PLANTING AREA. THE SPACING SHALL BE IN ACCORDANCE WITH THE APPROVED PLANTING SCHEDULE. WHERE THE SIZE OF THE PLANTING STOCK VARIES, THE PLANTING UNITS SHALL INSTALLED AT AVERAGED SPACING TO PROVIDE APPROXIMATELY UNIFORM

RANDOM PLANTING DISTRIBUTION PLAN NOT TO SCALE

11" MIN.	
FOREST CONSERVATION AREA	
DO NOT DISTURB MACHINERY, DUMPING, OR STORAGE OF ANY MATERIALS IS PROHIBITED	15" MIN.
VIOLATERS ARE SUBJECT TO FINES AS IMPOSED BY THE MARYLAND FOREST CONSERVATION ACT OF 1991	

FOREST CONSERVATION SIGN DETAIL

NOT TO SCALE

INCORRECT

TOO SHALLOW AND

ROOTS ARE EXPOSED

- 1. BOTTOM OF SIGN TO BE HIGHER THAN TOP OF TREE PROTECTION FENCE. 2. SIGNS TO BE PLACED APPROXIMATELY 50' APART. CONDITIONS ON SITE AFFECTING VISIBILITY MAY WARRANT PLACING SIGNS CLOSER OR FARTHER
- 3. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
- 4. SIGNAGE SHALL BE IN PLACE FOR PERPETUITY.
- DENOTES SIGN LOCATION.

	1	1	1	k
150	PRUNUS SEROTINA - BLACK CHERRY *	2-3' WHIP	11' O.C.	
125	QUERCUS ALBA - WHITE OAK	2-3' WHIP	11' O.C.	
105	VIBURNUM PRUNIFOLIUM - BLACKHAW *	2-3' WHIP	11' O.C.	
1085	TOTAL WHIP PLANTINGS X 2 UNITS /TREE = FCA UNIT CREDIT			2170
	2170			
PLANTING UI	NITS REQUIRED: 235 NITS PROVIDED: 235		Anna transmit in the same and the same	
QUANTITY	SPECIES	SIZE	SPACING	TOTAL FCA UNIT
10	ACER NEGUNDO - BOX ELDER	2-3' WHIP	11' O.C.	
10	ACER RUBRUM - RED MAPLE	2-3' WHIP	11' O.C.	
10	JUGLANS NIGRA - BLACK WALNUT *	2-3' WHIP	11' O.C.	
10	JUNIPERUS VIRGINIANA - RED CEDAR	2-3' WHIP	11' O.C.	
15	LIRIODENDRON TULIPIFERA - TULIP POPLAR *	2-3' WHIP	11' O.C.	
15	NYSSA SYLVATICA - BLACK GUM	2-3' WHIP	11' O.C.	The second secon
9	PLATANUS OCCIDENTALIS - SYCAMORE	2-3' WHIP	11' O.C.	
18	PRUNUS SEROTINA - BLACK CHERRY *	2-3' WHIP	11' O.C.	
16	QUERCUS ALBA - WHITE OAK	2-3' WHIP	11' O.C.	
	The state of the s		1	The state of the s

PLANTING NOTES:

PLANTING DENSITY BASED SPACING REQUIREMENTS: WHIPS WITH SHELTER @ 11' ON

* - THESE SPECIES SHOULD NOT BE PLANTED IN WETLANDS

** - THESE SPECIES SHOULD NOT BE PLANTED IN UPLANDS

SHOULD AVOID A GRID APPEARANCE BUT SHOULD BE SPACED TO FACILITATE MAINTENANCE.

COUNTY FCA REQUIREMENTS. PLANTING UNITS DEFINED BY THE SPACING REQUIREMENTS ESTABLISHED IN THE FCA

MANUAL STATES THAT 700 SEEDLINGS/WHIPS WITHOUT SHELTERS ARE REQUIRED PER ACRE, OR 350 WHIPS W/SHELTERS, OR 200 1" CALIPER TREES, OR 100 2" CALIPER TREES. BY CONVERSION IT HAS BEEN DETERMINED THAT A SEEDING OR WHIP WITHOUT SHELTER = 1 UNIT, WHIP WITH SHELTER = 2 UNITS, 1"CALIPER TREE = 3.5 UNITS AND 2" CALIPER TREE =7 UNITS. THE USE OF PLANT UNITS SIMPLIFIES THE PLANT DENSITY CALCULATIONS WHEN MIXING STOCK SIZE.

NOTE: MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND THE SEEDLING FROM COMPACTION AND STEM INJURIES. CORRECT PLANTING DEPTH

AT SAME DEPTH AS

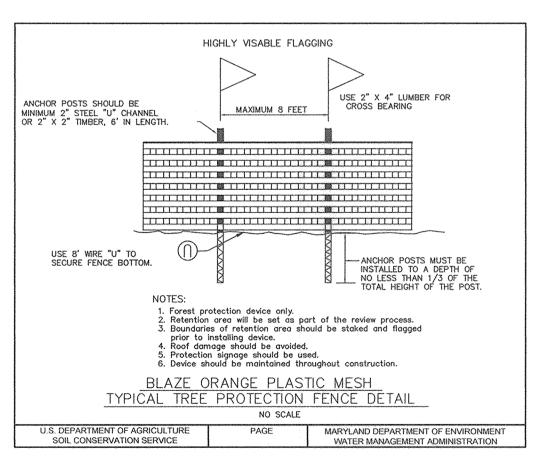
SEEDLING WAS GROWN

TOO DEEP AND

SEEDLING AND WHIP PLANTING DETAIL

NOT TO SCALE

ROOT IS BENT



QUANTITY	SPECIES	SIZE	SPACING	TOTAL FCA UNITS
75	ACER NEGUNDO - BOX ELDER	2-3' WHIP	11' O.C.	
100	ACER RUBRUM - RED MAPLE	2-3' WHIP	11' O.C.	
120	JUGLANS NIGRA - BLACK WALNUT *	2-3' WHIP	11' O.C.	
75	JUNIPERUS VIRGINIANA - RED CEDAR	2-3' WHIP	11' O.C.	
150	LIRIODENDRON TULIPIFERA - TULIP POPLAR *	2-3' WHIP	11' O.C.	
110	NYSSA SYLVATICA - BLACK GUM	2-3' WHIP	11' O.C.	
75	PLATANUS OCCIDENTALIS - SYCAMORE	2-3' WHIP	11' O.C.	
150	PRUNUS SEROTINA - BLACK CHERRY *	2-3' WHIP	11' O.C.	
125	QUERCUS ALBA - WHITE OAK	2-3' WHIP	11' O.C.	
105	VIBURNUM PRUNIFOLIUM - BLACKHAW *	2-3' WHIP	11' O.C.	

PLANTING SCHEDULE

QUANTITY	SPECIES	SIZE	SPACING	TOTAL FCA UNITS
10	ACER NEGUNDO - BOX ELDER	2-3' WHIP	11' O.C.	and the state of t
10	ACER RUBRUM - RED MAPLE	2-3' WHIP	11' O.C.	
10	JUGLANS NIGRA - BLACK WALNUT *	2-3' WHIP	11' O.C.	
10	JUNIPERUS VIRGINIANA - RED CEDAR	2-3' WHIP	11' O.C.	
15	LIRIODENDRON TULIPIFERA - TULIP POPLAR *	2-3' WHIP	11' O.C.	
15	NYSSA SYLVATICA - BLACK GUM	2-3' WHIP	11' O.C.	
9	PLATANUS OCCIDENTALIS - SYCAMORE	2-3' WHIP	11' O.C.	
18	PRUNUS SEROTINA - BLACK CHERRY *	2-3' WHIP	11' O.C.	
16	QUERCUS ALBA - WHITE OAK	2-3' WHIP	11' O.C.	
10	VIBURNUM PRUNIFOLIUM - BLACKHAW *	2-3' WHIP	11' O.C.	
123	TOTAL WHIP PLANTINGS X 2 UNITS /TREE = FCA UNIT CREDIT			246
or taller a market en le de triffe franke en le et de le le le de triffe elle en le en le le de le le le le le	246			

FCE 1 - AFFORESTATION AREA - 3.1 ACRES

PLANTING UNITS REQUIRED: 2,170

PLANTING UNITS PROVIDED: 2,170

PLANTING MAY BE MADE IN A CURVILINEAR FASHION ALONG CONTOUR. THE PLANTING MULTIFLORA ROSE/HEAVY BRUSH REMOVAL/CONTROL MAY BE REQUIRED PRIOR TO

INSTALLATION OF PLANTING. ALL WHIPS ARE REQUIRED TO BE INSTALLED WITH TREE SHELTERS PER HOWARD

MANUAL. ONE PLANT UNIT IS DEFINED AS 1 SEEDLING OR WHIP WITHOUT SHELTER. THE

AFFORESTATION PLAN

THE AFFORESTATION AREA WILL BE PLACED INTO A FOREST CONSERVATION EASEMENT.

A. PLANTING PLAN AND METHODS

PLANT SPECIES SELECTION WAS BASED ON OUR KNOWLEDGE REGARDING PLANT COMMUNITIES IN MARYLAND'S PIEDMONT PLATEAU AND INFORMATION PROVIDED IN THE SOIL SURVEY ON TYPICAL VEGETATION FOR THE SOIL TYPE ON THE PLANTING SITE. SPECIES SELECTION WAS ALSO BASED ON OUR KNOWLEDGE OF PLANT AVAILABILITY IN THE NURSERY

AFFORESTATION WILL BE ACCOMPLISHED THROUGH A MIXED PLANTING OF WHIPS AND BRANCHED TRANSPLANTS. CONTAINER GROWN STOCK IS RECOMMENDED BUT BAREROOT STOCK MAY BE USED TO HELP CONTROL AFFORESTATION COSTS. IF BAREROOT STOCK IS USED THE ROOT SYSTEMS OF ALL PLANTS WILL BE DIPPED IN AN ANTI-DESICCANT GEL PRIOR TO PLANTING TO IMPROVE MOISTURE RETENTION IN THE ROOT SYSTEMS.

PRIOR TO PLANTING THE PROPOSED FOREST CONSERVATION EASEMENTS ALL MULTIFLORA ROSE IN THE PLANTING AREA SHALL BE REMOVED. REMOVAL OF THE ROSE MAY BE PERFORMED WITH MOWING AND HERBICIDE TREATMENTS. PHYSICAL REMOVAL OF ALL TOP GROWTH FOLLOWING BY A PERIODIC HERBICIDE TREATMENT OF STUMP SPROUTS IS RECOMMENDED. NATIVE TREE AND SHRUB SPECIES OCCURRING WITHIN THE ROSE THICKETS SHOULD BE RETAINED WHEREVER POSSIBLE. HERBICIDES TREATMENTS SHALL OCCUR ON 2 MONTH INTERVALS DURING THE FIRST GROWING SEASON AND ONCE EACH IN THE SPRING AND FALL FOR SUBSEQUENT YEARS. HERBICIDE USED SHALL BE MADE SPECIFICALLY TO ADDRESS WOODY PLANT MATERIAL AND SHALL BE APPLIED AS PER MANUFACTURERS' SPECIFICATIONS. CARE SHOULD BE TAKEN NOT TO SPRAY PLANTED TREES OR NATURALLY OCCURRING NATIVE TREE/SHRUB SEEDLINGS. IT IS RECOMMENDED THAT INITIATION OF ROSE REMOVAL BEGIN AT LEAST SIX MONTHS PRIOR TO PLANTING.

B. PLANTING AND SOIL SPECIFICATIONS

PLANT MATERIAL WILL BE INSTALLED IN ACCORDANCE WITH THE PLANTING DETAIL AND PLANTING SPECIFICATIONS SHOWN ON THE FOREST CONSERVATION PLAN.

AMENDMENTS TO EXISTING SOIL WILL BE IN ACCORDANCE WITH THE PLANTING SPECIFICATIONS SHOWN ON THE FOREST CONSERVATION PLAN. SOIL DISTURBANCE WILL BE LIMITED TO INDIVIDUAL PLANTING LOCATIONS.

C. GUARANTEE REQUIREMENTS

A 90 PERCENT SURVIVAL RATE OF THE AFFORESTATION PLANTINGS WILL BE REQUIRED AFTER ONE GROWING SEASON. ALL PLANT MATERIAL BELOW THE 90 PERCENT SURVIVAL THRESHOLD WILL BE REPLACED AT THE BEGINNING OF THE SECOND GROWING SEASON. AT THE END OF THE SECOND GROWING SEASON A 75 PERCENT SURVIVAL RATE WILL BE REQUIRED. ALL PLANT MATERIAL BELOW THE 75 PERCENT SURVIVAL THRESHOLD WILL BE REPLACED BY THE BEGINNING OF THE NEXT GROWING SEASON.

D. SECURITY FOR AFFORESTATION

SECTION 16-1209 OF THE HOWARD COUNTY FOREST CONSERVATION ACT REQUIRES THAT A DEVELOPER SHALL POST A SECURITY (BOND, LETTER OF CREDIT, ETC.) WITH THE COUNTY TO INSURE THAT ALL WORK IS DONE IN ACCORDANCE WITH THE FCP.

TOTAL AREA OF FOREST CONSERVATION MITIGATION BANK AREA IS 16.6 ACRES (13.16 ACRES OF RETENTION AND 3.44 ACRES OF AFFORESTATION) LOCATED WITHIN THREE FOREST CONSERVATION EASEMENTS. THE TOTAL SURETY REQUIRED FOR THE AFFORESTATION PORTION OF THE BANK IS \$74,923 WHICH WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT FOR

CONSTRUCTION PERIOD PROTECTION PROGRAM

A. FOREST PROTECTION TECHNIQUES

1. SOIL PROTECTION AREA (CRITICAL ROOT ZONE)

THE SOIL PROTECTION AREA, OR CRITICAL ROOT ZONE, OF A TREE IS THAT PORTION OF THE SOIL COLUMN WHERE MOST OF ITS ROOTS MAY BE FOUND. THE MAJORITY OF ROOTS RESPONSIBLE FOR WATER AND NUTRIENT UPTAKE ARE LOCATED JUST BELOW THE SOIL SURFACE. TEMPORARY FENCING SHALL BE PLACED AROUND THE CRITICAL ROOT ZONE OF THE FOREST IN AREAS WHERE THE FOREST LIMITS OCCUR WITHIN 25 FEET OF THE LIMIT OF DISTURBANCE

SHALL BE PLACED AROUND THE AFFORESTATION AREA PRIOR TO PLANT INSTALLATION, AS

2. FENCING AND SIGNAGE EXISTING FOREST LIMITS OCCURRING WITHIN 25 FEET OF THE LIMITS OF DISTURBANCE SHALL BE PROTECTED USING TEMPORARY PROTECTIVE FENCING. PERMANENT SIGNAGE

B. PRE-CONSTRUCTION MEETING

SHOWN ON THE PLAN.

UPON STAKING OF LIMITS OF DISTURBANCE A PRE-CONSTRUCTION MEETING WILL BE HELD BETWEEN THE DEVELOPER, CONTRACTOR AND APPROPRIATE COUNTY INSPECTOR. THE PURPOSE OF THE MEETING WILL BE TO VERIFY THAT ALL SEDIMENT CONTROL IS IN ORDER. AND TO NOTIFY THE CONTRACTOR OF POSSIBLE PENALTIES FOR NON-COMPLIANCE WITH THE FCP.

C. STORAGE FACILITIES/EQUIPMENT CLEANING

ALL EQUIPMENT STORAGE, PARKING, SANITARY FACILITIES, MATERIAL STOCKPILING, ETC. ASSOCIATED WITH CONSTRUCTION OF THE PROJECT WILL BE RESTRICTED TO THOSE AREAS OUTSIDE OF THE PROPOSED FOREST CONSERVATION EASEMENT. CLEANING OF EQUIPMENT WILL BE LIMITED TO AREA WITHIN THE LOD OF THE PROPOSED HOMESITES. WASTEWATER RESULTING FROM EQUIPMENT CLEANING WILL BE CONTROLLED TO PREVENT RUNOFF INTO ENVIRONMENTALLY SENSITIVE AREAS.

D. SEQUENCE OF CONSTRUCTION

THE FOLLOWING TIMETABLE REPRESENTS THE PROPOSED TIMETABLE FOR THE PROJECT. BELOW FIND A PROPOSED SEQUENCE OF CONSTRUCTION.

- 1. BEGIN MULTIFLORA ROSE REMOVAL. INSTALL PERMANENT PROTECTIVE SIGNAGE FOR EASEMENTS AND INITIATE PLANTINGS IN ACCORDANCE WITH FOREST CONSERVATION PLAN
- 2. HOLD POST-CONSTRUCTION MEETING WITH COUNTY INSPECTORS TO ASSURE
- COMPLIANCE WITH FCP. SUBMIT CERTIFICATION OF INSTALLATION.

3. MONITOR AND MAINTAIN PLANTINGS FOR 2 YEARS.

E. CONSTRUCTION MONITORING

ECO-SCIENCE PROFESSIONALS, OR ANOTHER QUALIFIED PROFESSIONAL DESIGNATED BY THE DEVELOPER, WILL MONITOR CONSTRUCTION OF THE PROJECT TO ENSURE THAT ALL ACTIVITIES ARE IN COMPLIANCE WITH THE FOREST CONSERVATION PLAN.

F. POST-CONSTRUCTION MEETING UPON COMPLETION OF CONSTRUCTION, ECO-SCIENCE PROFESSIONALS, OR ANOTHER QUALIFIED PROFESSIONAL DESIGNATED BY THE DEVELOPER, WILL NOTIFY THE COUNTY THAT CONSTRUCTION HAS BEEN COMPLETED AND ARRANGE FOR A POST-CONSTRUCTION MEETING TO REVIEW THE PROJECT SITE. THE MEETING WILL ALLOW THE COUNTY INSPECTOR TO VERIFY THAT AFFORESTATION PLANTINGS HAVE BEEN INSTALLED.

POST-CONSTRUCTION MANAGEMENT PLAN

HOWARD COUNTY REQUIRES A TWO YEAR POST-CONSTRUCTION MANAGEMENT PLAN BE PREPARED AS PART OF THE FOREST CONSERVATION PLAN. THE PLAN GOES INTO EFFECT UPON ACCEPTANCE OF THE CONSTRUCTION CERTIFICATION OF COMPLETION BY THE COUNTY. ECO-SCIENCE PROFESSIONALS, OR ANOTHER QUALIFIED PROFESSIONAL DESIGNATED BY THE DEVELOPER, WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE POST-CONSTRUCTION MANAGEMENT PLAN.

THE FOLLOWING ITEMS WILL BE INCORPORATED INTO THE PLAN: FENCING AND SIGNAGE

PERMANENT SIGNAGE INDICATING THE LIMITS OF THE RETENTION/AFFORESTATION AREAS TO BE PLACED IN FOREST CONSERVATION EASEMENTS SHALL BE MAINTAINED.

GENERAL SITE INSPECTIONS/MAINTENANCE OF PLANTINGS SITE INSPECTIONS WILL BE PERFORMED A MINIMUM OF THREE TIMES DURING THE GROWING SEASON. THE PURPOSE OF THE INSPECTIONS WILL BE TO ASSESS THE HEALTH OF THE AFFORESTATION PLANTINGS. APPROPRIATE MEASURES WILL BE TAKEN TO RECTIFY ANY PROBLEMS WHICH MAY ARISE.

IN ADDITION, MAINTENANCE OF THE AFFORESTATION PLANTINGS WILL INVOLVE THE

1. WATERING - ALL PLANT MATERIAL SHALL BE WATERED TWICE A MONTH DURING THE 1ST GROWING SEASON, MORE OR LESS FREQUENTLY DEPENDING ON WEATHER CONDITIONS.

NEEDED 2. REMOVAL OF INVASIVE EXOTICS AND NOXIOUS WEEDS. OLD FIELD SUCCESSIONAL

SPECIES WILL BE RETAINED. 3. IDENTIFICATION OF SERIOUS PLANT PESTS AND DISEASES, TREATMENT WITH

APPROPRIATE AGENT.

4. PRUNING OF DEAD BRANCHES.

5. AFTER 12 AND 24 MONTHS, REPLACEMENT OF PLANTS, IF REQUIRED, IN ACCORDANCE WITH THE GUARANTEE REQUIREMENTS SHOWN ON THE FCP.

THE BANK DEVELOPER WILL PROVIDE APPROPRIATE MATERIALS TO SUBSEQUENT PROPERTY OWNERS INFORMING THEM OF THE LOCATION AND PURPOSE OF THE FOREST CONSERVATION EASEMENTS ON THE PROPERTY. MATERIALS MAY INCLUDE SITE PLANS AND

INFORMATION EXPLAINING THE INTENT OF THE FOREST CONSERVATION LAW FINAL INSPECTION AT THE END OF THE TWO YEAR POST-CONSTRUCTION MANAGEMENT PERIOD, ECO-SCIENCE PROFESSIONALS, OR ANOTHER QUALIFIED PROFESSIONAL, WILL SUBMIT TO THE ADMINISTRATOR OF THE HOWARD COUNTY FOREST CONSERVATION PROGRAM CERTIFICATION THAT ALL RETENTION/AFFORESTATION REQUIREMENTS HAVE BEEN MET

FROM ALL FUTURE OBLIGATIONS AND RELEASE THE DEVELOPER'S BOND.

UPON ACCEPTANCE OF THIS CERTIFICATION, THE COUNTY WILL RELEASE THE DEVELOPER

OWNER/DEVELOPER

PARCEL 22 & 24 WILLIAM MORGAN ADAMS JR. & MONICA LYNN ADAMS 15015 KENWOOD COURT WOODBINE, MD 21797 443.310.0667

FINAL FOREST CONSERVATION NOTES AND DETAILS MILLER'S MILL PROPERTY FOREST CONSERVATION MITIGATION BANK

ZONED: RC-DEO

TAX MAP 14 GRID 3 4TH ELECTION DISTRICT ASSOCIATED FILE NO. F-18-075 P/O PARCEL 22 & PARCEL 24

HOWARD COUNTY, MARYLAND DESIGN BY: JC / PS SILL



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■ ENGINEERING GROUP, LLC 1130 Dovedale Court, Suite 200 Marriottsville, Marvland 21104 Phone: 443.325.5076 Fax: 410.696.2022 Email: info@sillengineering.com

DRAWN BY: AEA CHECKED BY: PS SCALE: AS SHOWN DATE: <u>APRIL 8, 2019</u> PROJECT#: 16-016 SHEET#: 3 of 3

ROFESSIONAL CERTIFICATION: THEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DUL ICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2019

CCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY COUNTY HEALTH OFFICER CHIEF, DEVELOPMENT ENGINEERING DIVISION HOWARD COUNTY HEALTH DEPARTMENT

ROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN....

USACOE Wetland Delineator Certification # WD&P93MD0610044B2

O. Box 5006 Glen Arm, Maryland 21057

MD DNR Qualified Professional