

FSD NOTES

1. WETLANDS AND WATERS OF THE US ON SITE DELINEATED BY ENVIROPROJECTS, REFER TO WATER OF THE US WETLAND DELINEATION REPORT, APRIL 28, 2023.
2. NO HISTORIC SITES OR CULTURAL RESOURCES ARE AFFECTED, PER MHT-SHPO CORRESPONDENCE, APRIL 10, 2023, SEE NRI/ FSD REPORT.
3. SPECIMEN TREES AND FOREST STANDS ON-SITE DELINEATED BY ENVIROPROJECTS, LLC IN MARCH 2023, REFER TO NATURAL RESOURCES INVENTORY/ FOREST STAND DELINEATION REPORT.
4. NO CRITICAL HABITATS OR PROTECTED SPECIES ARE LOCATED ON-SITE, PER USFWS & DNR-WHS CORRESPONDENCE, APRIL 27, 2023. DNR INDICATES PROTECTED SPECIES ARE LOCATED NEARBY, OFF-SITE IN THE NORTHERN POWERLINE. SEE NRI/FSD REPORT.
5. NO FEMA 100-YEAR FLOODPLAINS ARE LOCATED ON-SITE; PER FEMA FIRM PANEL 24037C0057E.
6. STREAMS HAVE A 50-FOOT BUFFER PER ST. MARY'S PLANNING ORDINANCE

STAND NARRATIVE:

FOREST STAND A (FS-A) IS A 40.9-ACRE, MID-SUCCESSIONAL STAND, DOMINATED BY WHITE OAK (QUERCUS ALBA) WITH AMERICAN HOLLY, RED MAPLE, AMERICAN BEECH, TULIP POPLAR BLACK GUM, SWEETGUM, BLACK OAK, AND NORTHERN RED OAK IN THE CANOPY. FS-A CONTAINS STEEP SLOPES. FS-A IS CONTIGUOUS TO A RIPARIAN FOREST CORRIDOR AND IS MAPPED FID HABITAT. FS-A EXHIBITS MODERATE DIVERSITY OF TREE SPECIES, LOW INVASIVE SPECIES COVER, WITH 5 TREE SPECIES/ ACRE, BASAL AREA IS 115, AND DOMINANT SIZE CLASS OF 20 TO 29.9-INCH DBH. NINE SPECIMEN TREE OCCUR ON-SITE NEAR THE PROPOSED ACTIVITY. FS-A EXHIBITS A GOOD STRUCTURE SCORE (16 OUT OF 21) AND IS ASSIGNED A HIGH PRESERVATION PRIORITY RATING. REFER TO NRI-FSD REPORT.

SITE DATA TABLE	
GROSS TRACE ACREAGE	47.71 Ac.
FLOODPLAIN ACREAGE ON SITE	0 Ac.
FOREST COVER ON-SITE	40.9 Ac.

LEGEND

25 FT WETLAND BUFFER

WETLAND

SPECIMEN TREE WITH CRITICAL ROOT ZONE

STEEP SLOPES > 25%

STREAM LINE

EX. STORM DRAIN

EX. SEWER

EX. ELECTRICAL

EX. COMMUNICATION

EX. CONTOUR

WATERS OF THE US

50' STREAM BUFFER

PROPERTY/LOT LINE

STAND LABEL

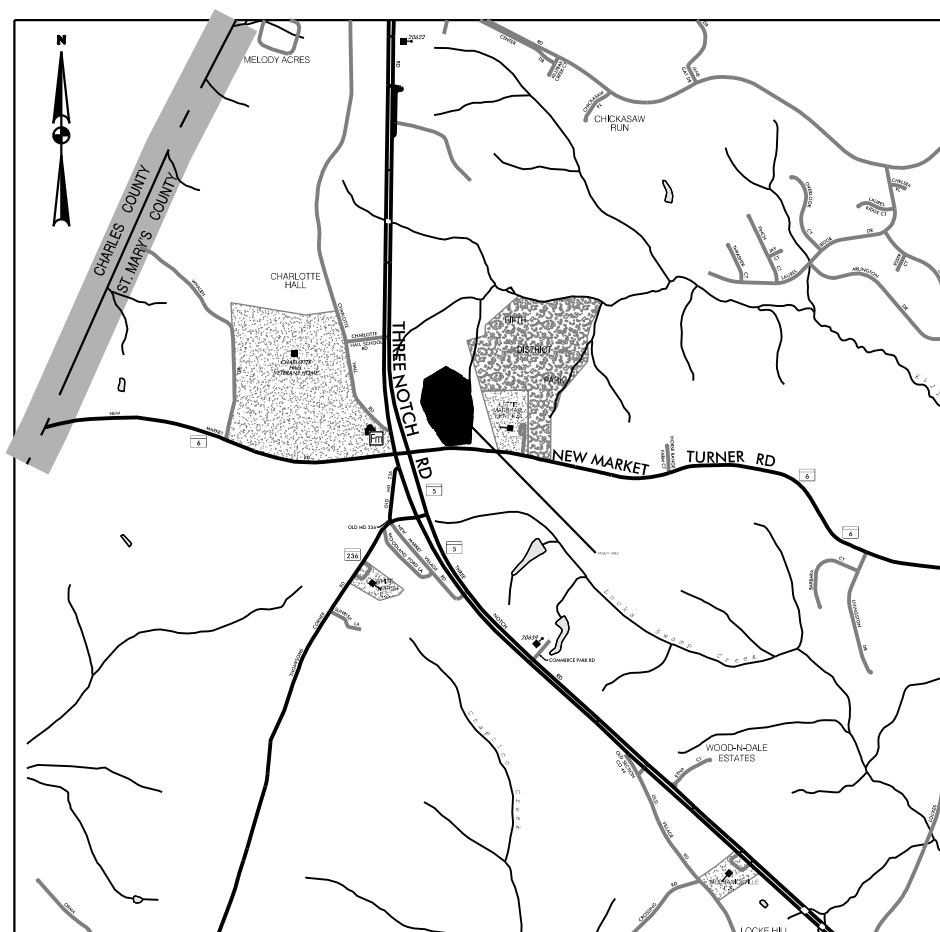
WETLAND DATAPoint

FSD DATAPoint

SOIL BOUNDARIES

SOIL SERIES

FS-A

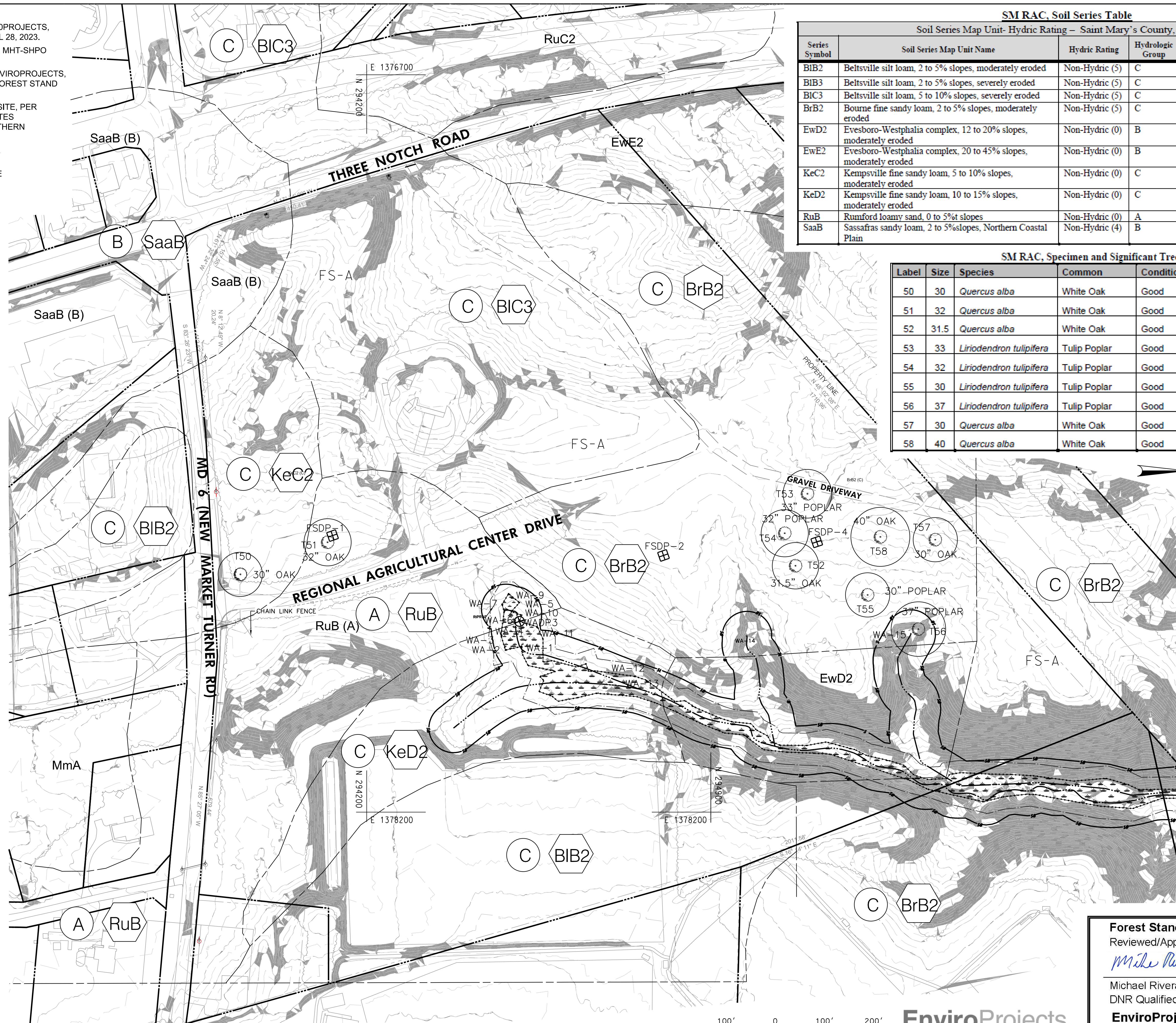


SMRAC, Soil Series Table

Soil Series Map Unit- Hydric Rating - Saint Mary's County, Maryland					
Series Symbol	Soil Series Map Unit Name	Hydric Rating	Hydrologic Group	K-Factor Whole	Drainage Class
BIB2	Beltsville silt loam, 2 to 5% slopes, moderately eroded	Non-Hydric (5)	C	0.37	Moderately Well Drained
BIB3	Beltsville silt loam, 2 to 5% slopes, severely eroded	Non-Hydric (5)	C	0.43	Moderately Well Drained
BIC3	Beltsville silt loam, 5 to 10% slopes, severely eroded	Non-Hydric (5)	C	0.43	Moderately Well Drained
BrB2	Bourne fine sandy loam, 2 to 5% slopes, moderately eroded	Non-Hydric (5)	C	0.28	Moderately Well Drained
EwD2	Evesboro-Westphalia complex, 12 to 20% slopes, moderately eroded	Non-Hydric (0)	B	0.15	Well Drained
EwE2	Evesboro-Westphalia complex, 20 to 45% slopes, moderately eroded	Non-Hydric (0)	B	0.15	Well Drained
KeC2	Kempsville fine sandy loam, 5 to 10% slopes, moderately eroded	Non-Hydric (0)	C	0.28	Well Drained
KeD2	Kempsville fine sandy loam, 10 to 15% slopes, moderately eroded	Non-Hydric (0)	C	0.28	Well Drained
RuB	Runford loamy sand, 0 to 5% slopes	Non-Hydric (0)	A	0.1	Well Drained
SaaB	Sassafras sandy loam, 2 to 5% slopes, Northern Coastal Plan	Non-Hydric (4)	B	0.2	Well Drained

SMRAC, Specimen and Significant Trees Table

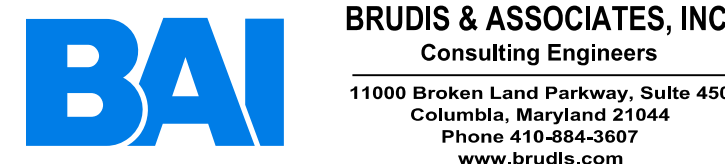
Label	Size	Species	Common	Condition	Stand	Note
50	30	Quercus alba	White Oak	Good	A	poison ivy
51	32	Quercus alba	White Oak	Good	A	split @ +8'
52	31.5	Quercus alba	White Oak	Good	A	split @ +8'
53	33	Liriodendron tulipifera	Tulip Poplar	Good	A	
54	32	Liriodendron tulipifera	Tulip Poplar	Good	A	
55	30	Liriodendron tulipifera	Tulip Poplar	Good	A	
56	37	Liriodendron tulipifera	Tulip Poplar	Good	A	
57	30	Quercus alba	White Oak	Good	A	
58	40	Quercus alba	White Oak	Good	A	



EnviroProjects

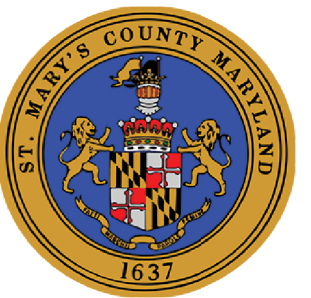
Forest Stand Delineation Plan
Reviewed/Approved by:
Mike Rivera
Michael Rivera, QP
DNR Qualified Professional
Date: 06/01/2024
EnviroProjects, LLC

**CONTRACT DOCUMENT ONLY
NOT FOR CONSTRUCTION**



PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL UNDER THE LAW OF THE STATE OF MARYLAND.
LICENSE NUMBER: 82748
EXPIRATION DATE: 06/03/2024

DESIGNED: JCS				
DRAWN: SLM				
CHECKED: PK				
DATE: 6/02/2023				
SCALE: AS SHOWN	BY	NO.	REVISION	DATE



DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ST. MARY'S COUNTY, MARYLAND
P.O BOX 508, CALIFORNIA, MARYLAND 20619

DRAFT FOREST DELINEATION PLAN

REGIONAL AGRICULTURAL CENTER
CONTRACT NO. SMC-20-DPWT-112618R
LUGM NO. :MJSP21-0225

DWG NO. FC-01
SHEET OF 143

PLOT/REV: 6/1/2023; FILE: P:\20-001-AE-CM&P\Professional Services (P20-DPWT-112618R)\Working\FC-0101\1\05 - Regional Agricultural Center\Drawings\CAD\DWG\Working\FC-0101 - Regional Agricultural Center\center100.dgn