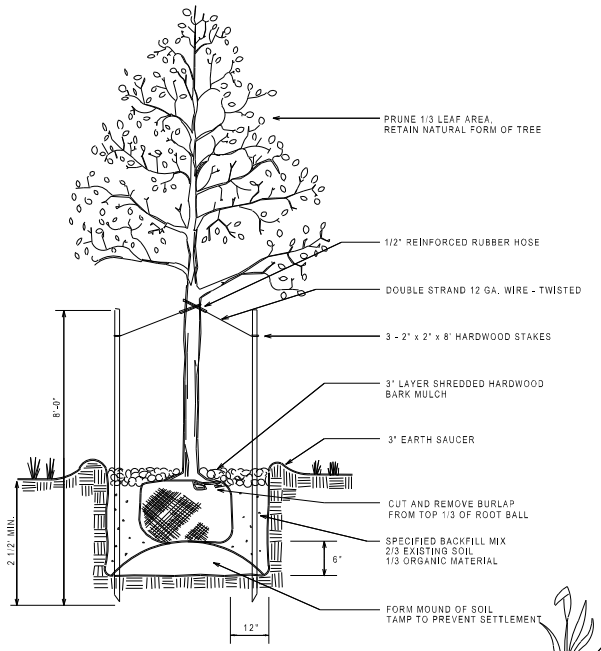
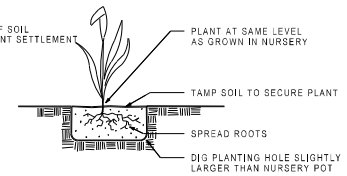


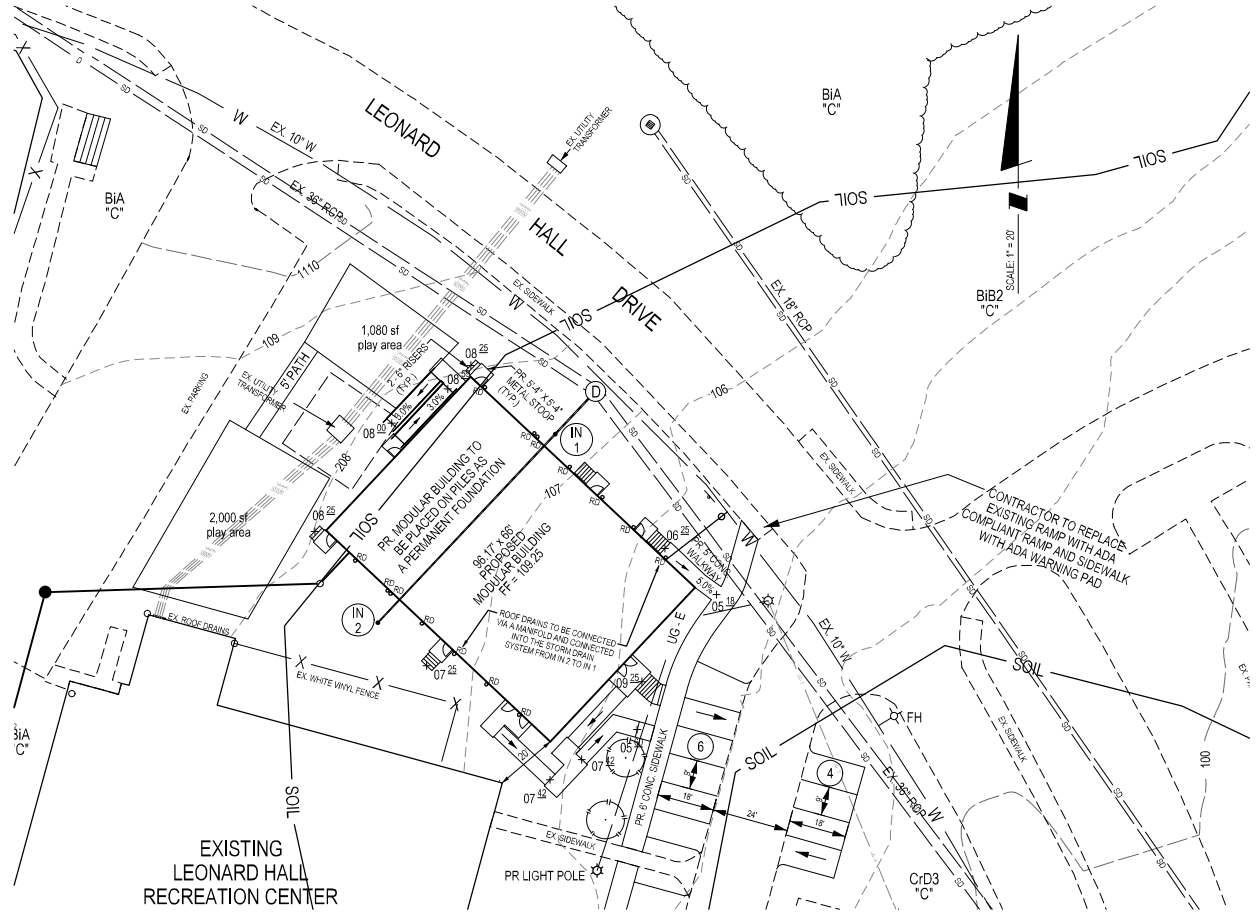
TREE PLANTING DETAIL

NOT TO SCALE



HERBACEOUS PLANTING DETAIL

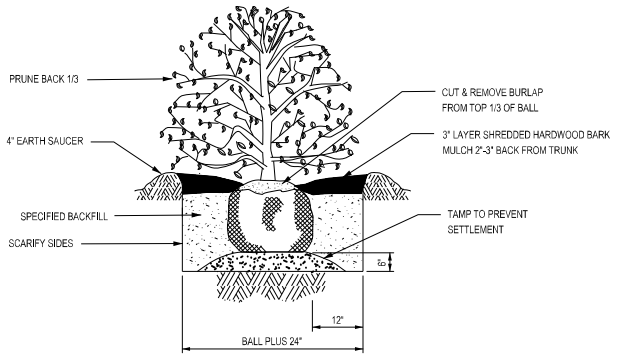
NOT TO SCALE



EXISTING LEONARD HALL RECREATION CENTER

LANDSCAPING PLAN VIEW

SCALE : 1" = 20'



DETAIL - SHRUB PLANTING

NOT TO SCALE

MAINTENANCE SCHEDULE FOR SWM FACILITIES

1.	DEBRIS CLEANOUT BASIN BOTTOM, INLET, OUTLET AND EMERGENCY SPILLWAY	(WHEN MOWED/AS NEEDED)
2.	VEGETATION MOWING FERTILIZE EROSION (FILL, COMPACT, AND RESEED)	(TWICE/YEAR OR AS DESIRED) (ONCE/YEAR OR AS NEEDED) (AS NEEDED)
3.	DEWATERING CHECK TO ASSURE THAT FACILITY IS DRAINING	(ONCE/YEAR OR AS NEEDED) (5 DAYS AFTER MAJOR STORM)
4.	SEDIMENT CLEANOUT CLEANOUT AROUND CONTROL DEVICE CLEANOUT BULK ACCUMULATION	(ONCE/YEAR OR AS NEEDED) (ONCE/5YEARS)
5.	INLETS EROSION (FILL, COMPACT, RESEED/ LINE WITH MULCH) CHECK FOR STRUCTURAL DAMAGE	(AS NEEDED) (ONCE/5 YEARS)
6.	OUTLETS / SPILLWAYS CHECK CHANNEL FOR UNDERMINING AND SUPPLEMENT AS NEEDED CHECK FOR STRUCTURAL DAMAGE	(AS NEEDED) (ONCE/5 YEARS)
7.	EMBANKMENT / SIDE SLOPES CHECK FOR EROSION, SEEPAGE, SETTLEMENT, SLOPE FAILURE, WILDLIFE, AND VEHICLE DAMAGE	(ONCE/5 YEARS)

THE OWNER OF THE PROPERTY CONTAINING THE STORMWATER CONVEYANCE SYSTEM/ STORMWATER MANAGEMENT FACILITY, OR ANY OTHER PERSON OR AGENT IN CONTROL OF SUCH PROPERTY, SHALL MAINTAIN IN GOOD CONDITION, AND PROMPTLY REPAIR OR RESTORE SUCH FACILITY OR SYSTEM IN ACCORDANCE WITH THE APPROVED PLANS.

TABLE A.5 PLANTING PLAN DESIGN CONSIDERATIONS

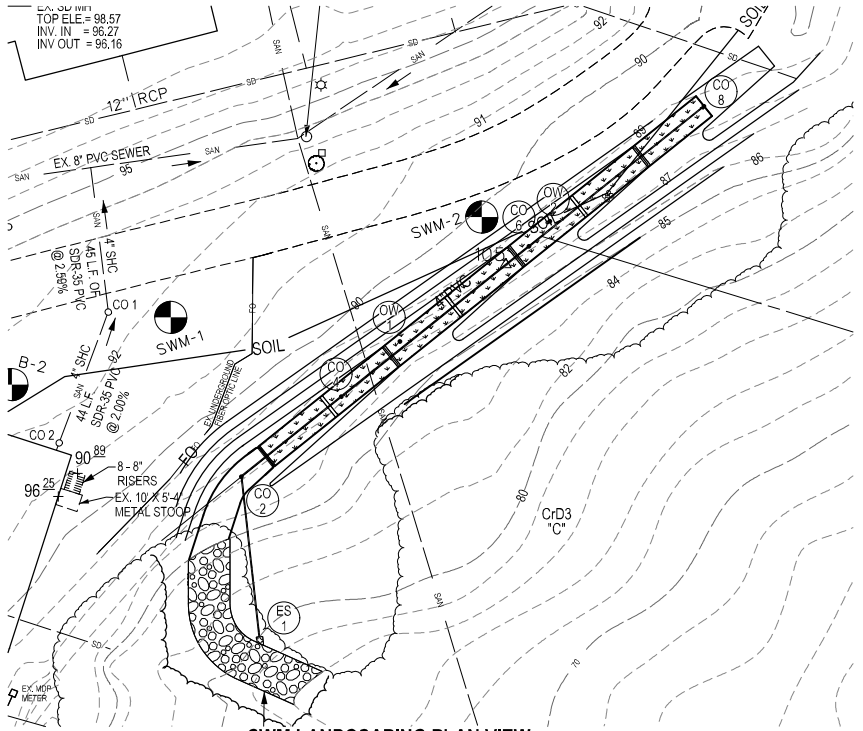
*Native plant species should be specified over exotic or foreign species.
*Appropriate vegetation should be selected based on the zone of hydric tolerance.
*Species layout should generally be random and natural.
*A canopy should be established with an understory of shrubs and herbaceous materials.
*Woody vegetation should not be specified in the vicinity of inflow locations.
*Trees should be planted primarily along the perimeter of the bioretention area.
*Stressors (e.g., wind, sun, exposure,insect and disease infestation, and drought) should be considered when laying out the planting plan.
*Noxious weeds shall not be specified or used,
*Aesthetics and visual characteristics should be prime consideration.
*Traffic and safety issues must be considered,
*Existing and proposed utilities must be identified and considered.

PLANT MATERIAL GUIDANCE

Plant materials should confirm to the American Association of Nurserymen's publication, the American Standard Nursery Stock. The planting plan shall include a sequence of construction; a description of the contractor's responsibilities; a planting schedule and installation specifications; initial maintenance requirements; and a warranty period stipulating requirements for plant survival. Table A.6 presents some typical issues for planting specifications.

SWM LANDSCAPING NOTES

-Select plants from Table A.4 on Page A.16 of the MDE Manual.
-Specify 400 woody plants per acre of surface area.
-Assure the shrub to tree ratio is 3:1 with a balance of grasses at one plug per 4 square feet.
-Include a note on the landscaping plan requiring the replacement of trees that do not survive during the initial planting.
-Specify 3 gallon containers for shrubs to assure significant sizes are planted for survivability.
-For herbaceous species, specify 1 plug per 4 square feet of surface area.



SWM LANDSCAPING PLAN VIEW

SCALE : 1" = 30'

PARKING LANDSCAPE SCHEDULE

SPECIES	QNTY.	SIZE	FORM	CONDITION	SYMBOL
ACER RUBRUM, RED MAPLE (AR)	2	2" CAL	TREE	B & B	

STORMWATER MANAGEMENT LANDSCAPE SCHEDULE

SPECIES	QNTY.	SIZE	FORM	CONDITION	SYMBOL
ANDROPOGON VIRGINICUS, BROOMSEDGE	30	2" X 2" X 3"	GRASS	PLUG	
PANICUM VIRGATUM, SWITCH GRASS	30	2" X 2" X 3"	GRASS	PLUG	
AGROSTIS GIGANTEA, RED TOP	30	2" X 2" X 3"	GRASS	PLUG	
ANDROPOGON GERARDI, BIG BLUESTEM	30	2" X 2" X 3"	GRASS	PLUG	
BROMUS INERMIS LEYSS, SMOOTH BROME	30	2" X 2" X 3"	GRASS	PLUG	
IRIS VERSICOLOR, BLUE FLAG	30	2" X 2" X 3"	GRASS	PLUG	
RUDBECKIA LACINIATA, CUTLEAF CONEFLOWER	30	2" X 2" X 3"	GRASS	PLUG	

CONTRACTOR TO MIX PLUGS THROUGHOUT THE BIOSWALE SECTIONS BETWEEN THE CHECK DAMS

TOWN FILE # 56-23

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 25368 , **EXPIRATION DATE:** 7/14/2026

LANDSCAPING PLAN & DETAILS

SOLTESZ, INC.

Engineering
Surveying
Planning
Environmental Sciences

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Waldorf, MD 20602
P. 301.870.2166 F. 301.870.2884

Rockville
Lanham
Waldorf
Leonardtown
Frederick
Soltesz DC, LLC

www.solteszco.com

NO.	REVISIONS	BY	DATE

DATE: JULY 2020 CAD STANDARDS VERSION: V8 - 2000
DESIGNED: BTS TECHNICIAN: BTS CHECKED: KRC

MISS UTILITY NOTE

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

OWNER/DEVELOPER/APPLICANT

THE BOARD OF COUNTY COMMISSIONERS
FOR ST. MARY'S COUNTY MARYLAND
P.O. BOX 653
LEONARDTOWN, MARYLAND 20650
PHONE # 301-863-8400
JAMES M. GOTSCH, P.E.

MAP 127 GRID 5

ZONING CATEGORY:	W&S CATEGORY:
I/O	W-1 / S-1
TAX MAP / PARCEL:	GRID
127 / P/O 503	5
SITE DATUM	LIBER / FOLIO
HORIZONTAL: NAD 83/91 VERTICAL: NAVD 88	213 / 110

STATE OF MARYLAND · KEN R. CROUSE · NO. 25368 · REGISTERED PROFESSIONAL ENGINEER

8/12/2024

SITE PLAN

ST. MARY'S COUNTY MODULAR UNIT ADDITION

THIRD (3rd) ELECTION DISTRICT, ST. MARY'S COUNTY, MARYLAND

1" = 30'

SHEET 7 OF 10

PROJECT NO. 3741-01-00

P:\38560102\ENGINEER\Sheet Files\Concept\07_Landscaping.sht Scale= 30.0000 ft / in. User= BSobocinski PLTdrv= PDF_Special_300.pltcfg Pentbl= TEXT_SUB.tbl 8/12/2024 9:18:42 AM

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