

SEQUENCE OF CONSTRUCTION

- SCHEDULE PRE-CONSTRUCTION MEETING WITH ST. MARY'S SCD 5 DAYS IN ADVANCE OF STARTING THE PROJECT. (1 DAY)
- CLEARING AND GRUBBING FOR THOSE AREAS NECESSARY FOR INSTALLATION OF PERIMETER SEDIMENT CONTROLS. (3 DAYS)
- INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE AND PERIMETER SEDIMENT CONTROLS. (2 DAYS)
- REMAINING CLEARING AND GRUBBING. (1 DAY)
- STRIP AND STOCKPILE EXISTING TOPSOIL. (4 DAYS)
- ROUGH GRADING OF SITE INCLUDING BUT NOT LIMITED TO:
  - BUILDING DEMOLITION (10 DAYS)
  - UNDERGROUND STORAGE TANK AND FIRE PUMP HOUSE CONSTRUCTION (20 DAYS)
  - UTILITY INSTALLATION (10 DAYS)
  - BUILDING CONSTRUCTION (270 DAYS)
  - SIDEWALK AND RAMP CONSTRUCTION (15 DAYS)
- FINAL GRADING, LANDSCAPING, PERMANENT STABILIZATION WITH MINIMUM 4" TOPSOIL SEED AND MULCH AND (15 DAYS)
- REMOVAL OF SEDIMENT CONTROLS UPON THE MDE INSPECTORS APPROVAL. (3 DAYS)

UTILITY CONSTRUCTION NOTE:

ALL TRENCHES OR HOLES CREATED FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED, AND STABILIZED AT THE END OF EACH WORK DAY. EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH OR HOLE. NO MORE TRENCH OR HOLE SHALL BE OPENED THAN CAN BE STABILIZED THE SAME DAY. IF AN AREA MUST BE LEFT UNSTABILIZED OVERNIGHT, SILT FENCE WILL BE PLACED IMMEDIATELY DOWNSTREAM OF ALL DISTURBED AREAS AND STOCKPILES, AND APPROPRIATE SAFETY MEASURES WILL BE INSTALLED AS REQUIRED.

INSPECTION AGENCY APPROVAL STATEMENTS:

- APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- APPROVAL SHALL BE REQUESTED UPON FINAL STABILIZATION OF ALL SITES BEFORE REMOVAL OF SEDIMENT CONTROLS.
- THE CONTRACTOR SHALL NOTIFY MDE, ENVIRONMENT DIVISION, AT LEAST 48 HOURS PRIOR TO COMMENCING CLEARING OR GRADING AT: (410)537-3510 OR MDE, SEDIMENT AND STORMWATER ADMIN, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230-1708.

TEMPORARY AND PERMANENT STABILIZATION

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:

- THREE (3) CALENDAR DAYS FOR ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND
- SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS IN THE PROJECT SITE.

OWNER/DEVELOPER CERTIFICATION:

ANY CLEARING, GRADING, CONSTRUCTION OR DEVELOPMENT, OR ALL OF THESE, WILL BE DONE PURSUANT TO THIS PLAN AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF TRAINING AT A MARYLAND DEPT OF ENVIRONMENT APPROVED TRAINING PROGRAM BEFORE BEGINNING THE PROJECT.

DATE	OWNER/DEVELOPER SIGNATURE
RESPONSIBLE PERSONNEL CERTIFICATION NO.	PRINTED NAME AND TITLE
CONSULTANT CERTIFICATION:	
I HEREBY CERTIFY THAT THE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH APPROVED EROSION AND SEDIMENT CONTROL ORDINANCES, REGULATIONS, STANDARDS, AND CRITERIA.	
11-01-23	<i>Joseph P. Kittner</i>
DATE	DESIGNER'S SIGNATURE
20770	JOSEPH P. KITTNER
MD. REG. NUMBER	PRINTED NAME

STORMWATER MANAGEMENT:

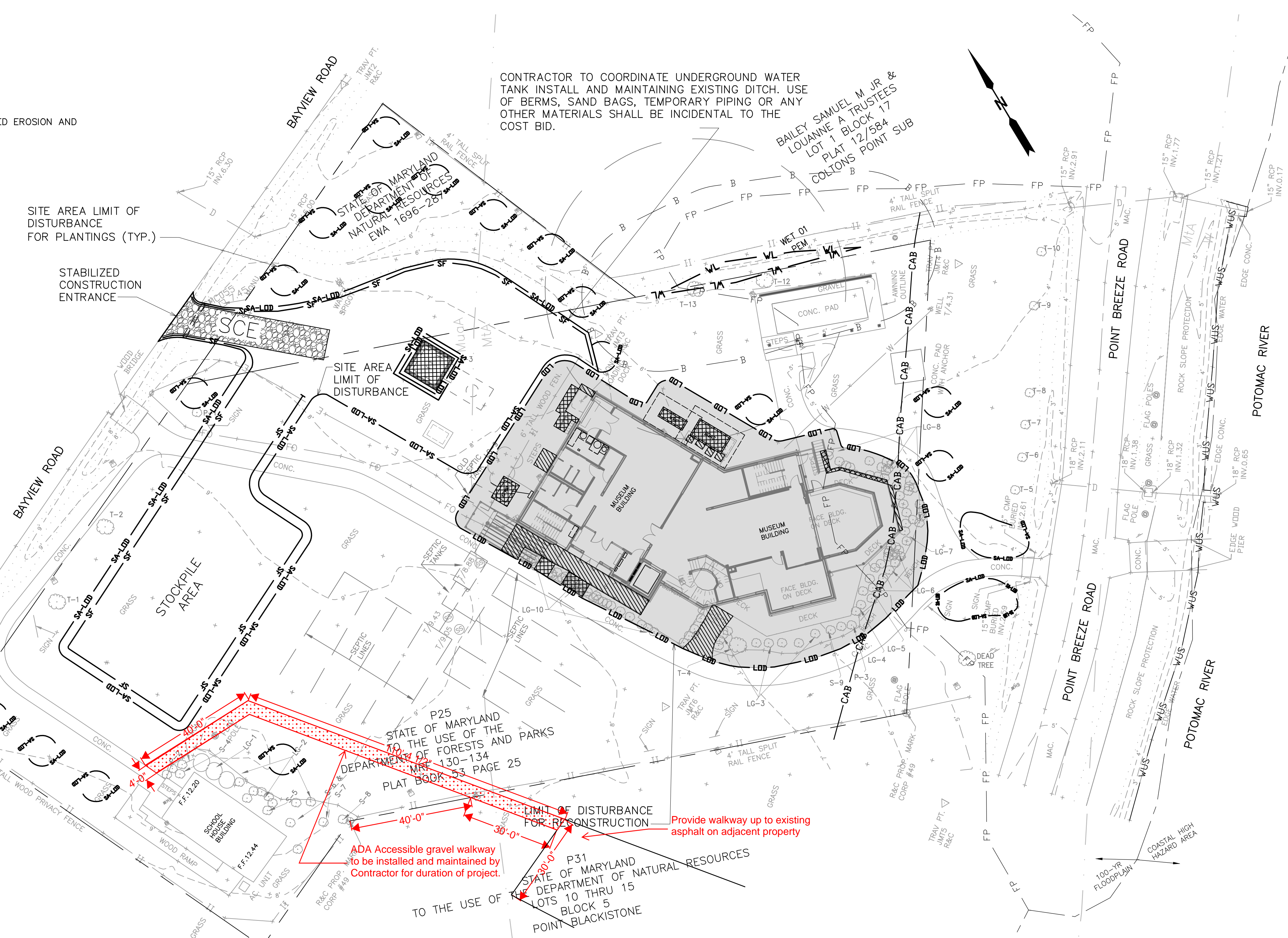
ST. MARY'S COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION HAS DETERMINED THIS ACTIVITY IS CONSIDERED MAINTENANCE, REGARDLESS OF EARTH DISTURBANCE, AND IS EXEMPT FROM STORMWATER MANAGEMENT REQUIREMENTS.

FOREST CONSERVATION NOTE:

THIS SITE IS EXEMPT FROM THE FOREST CONSERVATION ACT UNDER SECTION 75-2-2-H OF THE ST. MARY'S COUNTY ZONING ORDINANCE.

TEMPORARY SEEDING SUMMARY						
HARDINESS ZONE (FROM FIGURE B3): 7A						
SEED MIXTURE (FROM TABLE B1):						
NO.	SPECIES	APPLICATION RATE (LB/AC.)	SEEDING DATES	SEEDING DEPTHS (INCHES)	FERTILIZER RATE (10-20-20)	LIME RATES
1	ANNUAL RYE GRASS	40	2/15 TO 4/30: 8/15 TO 11/30	0.5	436 LB/AC. (10 LB/1000 SF)	2 TON/AC. (90 LB/1000 SF)
2	FOXTAIL MILLET	30	5/1 TO 8/14	0.5		

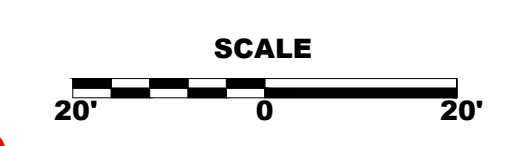
PERMANENT SEEDING SUMMARY								
HARDINESS ZONE (FROM FIGURE B3): 7A								
SEED MIXTURE (FROM TABLE B1):								
NO.	SPECIES	APPLICATION RATE (LB/AC.)	SEEDING DATES	SEEDING DEPTHS (INCHES)	FERTILIZER RATE (10-20-20)			LIME RATES
					N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	SWITCH GRASS	10	2/15 TO 4/30: 5/1 TO 5/31	1/4-1/2 in.				
2	BUSH CLOVER	2	2/15 TO 4/30 5/1 TO 5/31	1/4-1/2 in.	45 LB/AC. (1.0 LB/1000 SF)	90 LB/AC. (2 LB/1000 SF)	90 LB/AC. (2 LB/1000 SF)	2 TON/AC. (90 LB/1000 SF)
3	CREeping RED FESCUE	15	2/15 TO 4/30 5/1 TO 5/31	1/4-1/2 in.				



CONTRACTOR TO COORDINATE UNDERGROUND WATER TANK INSTALL AND MAINTAINING EXISTING DITCH. USE OF BERMS, SAND BAGS, TEMPORARY PIPING OR ANY OTHER MATERIALS SHALL BE INCIDENTAL TO THE COST BID.

Provide walkway up to existing asphalt on adjacent property

ADA Accessible gravel walkway to be installed and maintained by Contractor for duration of project.



SOIL MAPPING UNITS			
Symbol	Description	% Hydric	K Factor
MIA	Mattapex fine sandy loam, 0 to 2 percent slopes	5	0.32
MuaA	Mattapex silt loam, 0 to 2 percent slopes, northern coastal plain	5	0.49
W	Water	NA	NA

SWM LAND USE LEGEND	
SA-LDB	SITE AREA LIMIT OF DISTURBANCE
LDB	LIMIT OF DISTURBANCE FOR RECONSTRUCTION
SF	SILT FENCE
(Hatched)	RECONSTRUCTION/MAINTENANCE (9827 S.F.)
(Cross-hatched)	PERVIOUS TO IMPERVIOUS (405 S.F.)
(Diagonal lines)	IMPERVIOUS TO PERVIOUS (499 S.F.)

NOTE: WOODEN DECKS ARE CONSIDERED PERVIOUS SURFACE FOR THE ABOVE NOTED AREAS

LEGEND	
WUS	WATERS OF THE US
WL	WETLAND
B	WETLAND BUFFER
FP	100-YEAR FLOODPLAIN
CHHA	COASTAL HIGH HAZARD AREA
CAB	CRITICAL AREA BUFFER
(Dotted)	SOIL MAPPING UNIT
(Dashed)	CRITICAL ROOT ZONE
(Circle with X)	SURVEYED TREE, SHRUB, OR PLANTING
(Line with X)	METAL/WOOD FENCE
(Dashed line)	EXIST. CONTOUR (1' INTERVAL)
(Line with E)	EXIST. ELECTRIC
(Line with FO)	EXIST. FIBER OPTIC
(Line with D)	EXIST. STORM DRAIN

The Contractor is to install and maintain an ADA accessible access path from the existing School House Building sidewalk onto the adjacent state-owned property, connecting to the existing asphalt. The contractor is to maintain this path and provide access during the operation of the water taxi to St. Clements Island.



**ST CLEMENT'S ISLAND MUSEUM NEW BUILDING**

38370 POINT BREEZE RD.  
COLTONS POINT, MD 20626

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

MARK DATE	DESCRIPTION
PROJECT NO: 19-02994-002	
DATE: 11-01-23	
SCALE: AS NOTED	
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	

DRAWING TITLE:  
**SWM CONCEPT AND SEDIMENT CONTROL PLAN**

SCD #5 OF 9

SHEET NUMBER:  
**C201**