

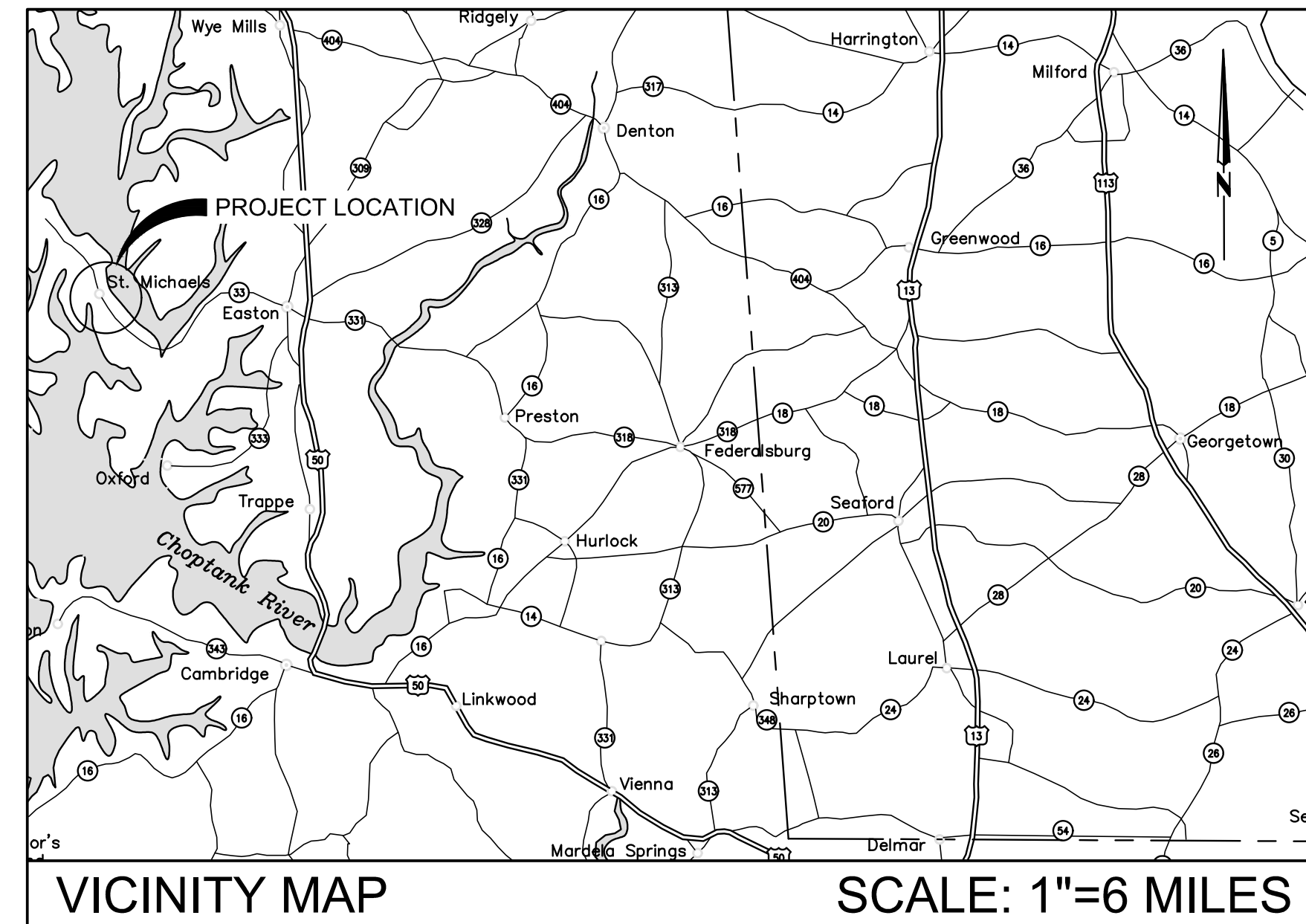
SAFE ROUTES TO SCHOOL TRAIL PROJECT

TOWN OF ST. MICHAELS TALBOT COUNTY, MARYLAND

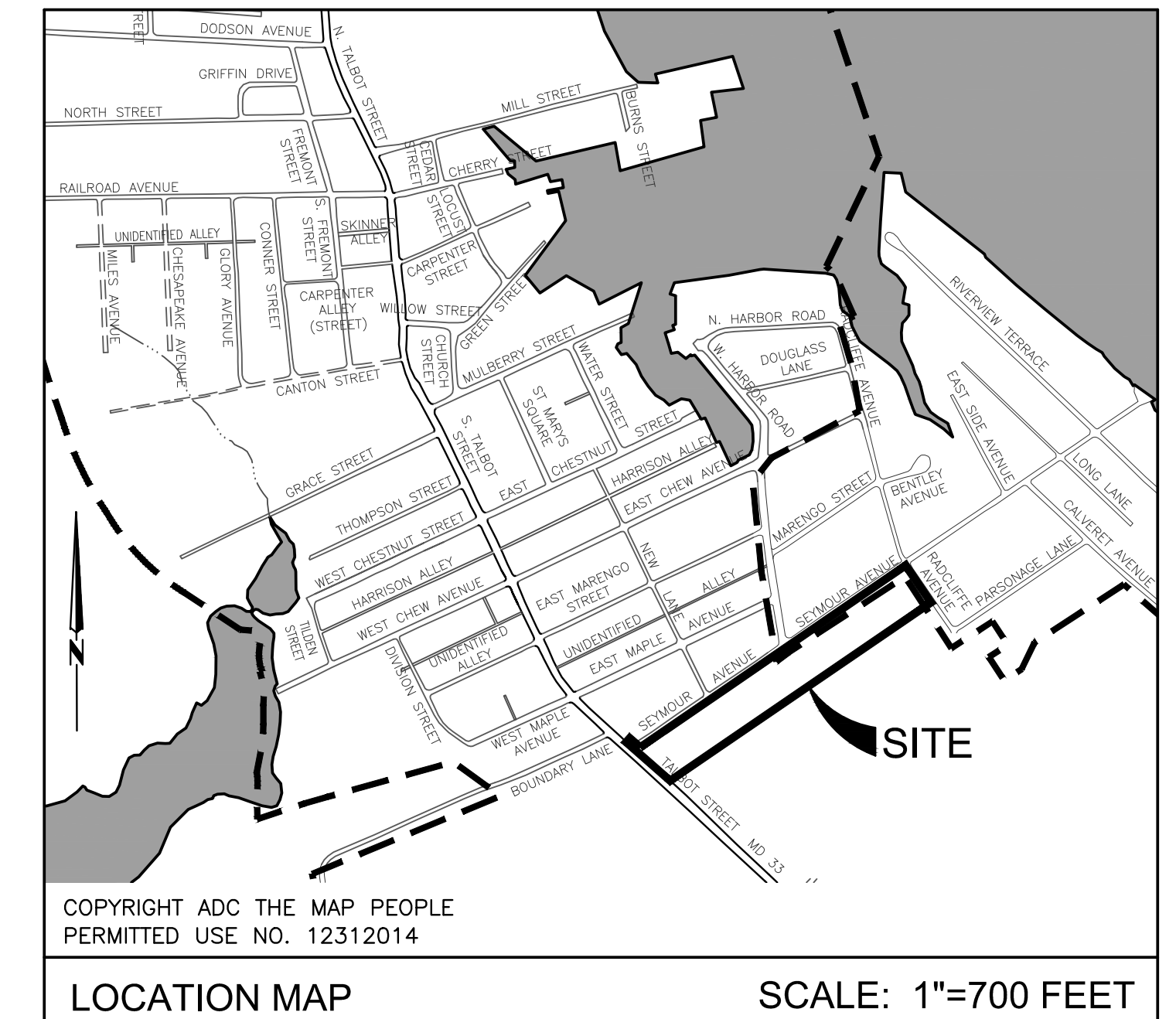
CONTRACT NUMBERS:
Town of St. Michaels No.: 1504A013
FAP No.: (Pending)

GENERAL NOTES

- BEFORE ANY EXCAVATION IS PERFORMED, THE CONTRACTOR SHALL CONTACT "MISS UTILITY" OF DELMARVA AT 1-800-441-8355, AT LEAST THREE (3) WORKING DAYS PRIOR TO EXCAVATION TO HAVE EXISTING UNDERGROUND UTILITIES LOCATED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE STAKEOUT NECESSARY FOR THE INSTALLATION OF ALL TOPOGRAPHY, CURB & GUTTER, SIDEWALKS, TRAILS, AND STORMWATER MANAGEMENT FACILITIES AND THEIR APPURTENANCES, AND ANY AND ALL PAVING, AND FOR ALL OTHER SITE WORK INCLUDED IN THE CONSTRUCTION DOCUMENTS. ALL STAKEOUT TO BE PERFORMED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF MARYLAND.
- EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE BASED UPON THE BEST AVAILABLE INFORMATION AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. NO GUARANTEE IS MADE OR IMPLIED REGARDING THE ACCURACY OR COMPLETENESS THEREOF. CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF DEPTH, SIZE AND MATERIAL OF ALL UNDERGROUND UTILITIES TO HIS OWN SATISFACTION BEFORE BEGINNING ANY EXCAVATION OR PIPE LAYING. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. IF THE CONTRACTOR RELIES ON SAID INFORMATION, HE DOES SO AT HIS OWN RISK. THE GIVING OF THE INFORMATION ON THESE PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO SUPPORT AND PROTECT ALL SHOWN OR NOT SHOWN EXISTING UTILITIES AND APPURTENANCES, SHOULD ANY EXISTING UTILITIES BE DAMAGED BY THE CONTRACTOR, THEN THE CONTRACTOR SHALL REPAIR THE DAMAGE CAUSED, TO THE OWNER'S SATISFACTION, AT THE CONTRACTOR'S EXPENSE.
- ALL TEMPORARY SIGNING, BARRICADING, AND PAVEMENT MARKINGS FOR THE MAINTENANCE OF TRAFFIC IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL CONFORM TO THE MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION.
- THESE CONSTRUCTION DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE PERFORMED IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AS AMENDED AND ALL RULES AND REGULATIONS THERETO APPURTENANT.
- THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DEVIATION FROM THESE PLANS UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.
- ALL DRIVEWAYS, CURBS, SIDEWALKS, ETC. DAMAGED BY CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION. COST FOR RESTORATION WORK SHALL BE INCLUDED IN THE PRICES BID FOR CONSTRUCTION. SIDEWALKS AND CURBS SHALL BE REMOVED AND REPLACED TO THE NEAREST UNDISTURBED JOINT, SAW CUT JOINT PRIOR TO REMOVAL.
- THE CONTRACTOR SHALL REMOVE AND IMMEDIATELY REPLACE, RELOCATE, RESET OR RECONSTRUCT ALL OBSTRUCTIONS IN THE WORK AREA, INCLUDING, BUT NOT LIMITED TO, MAIL BOXES, SIGNS, LANDSCAPING, TREES, GUY WIRES, LIGHTING, PLANTERS, CULVERTS, DRIVEWAYS, PARKING AREAS, CURBS, GUTTERS, FENCES, OR OTHER NATURAL OR MAN-MADE OBSTRUCTIONS. TRAFFIC CONTROL REGULATORY, WARNING, AND INFORMATIONAL SIGNS SHALL REMAIN FUNCTIONAL AND VISIBLE TO THE APPROPRIATE LANES OF TRAFFIC AT ALL TIMES.
- WHENEVER EXCAVATION DISRUPTS GUY WIRES OR ENDANGERS ANY EXISTING TELEPHONE, POWER OR LIGHT POLE, THE POLE SHALL BE BRACED IN ACCORDANCE WITH REQUIREMENTS OF THE OWNER OF THE POLE.
- ALL STABILIZATION, PAVING AND ROAD PATCHING IN THE PUBLIC ROADWAY WHICH IS NECESSITATED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL DISTURBED AREAS NOT IN PAVEMENT SHALL BE TOPSOILED (4" MINIMUM), FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH SPECIFICATIONS AND THE EROSION AND SEDIMENT CONTROL PLAN.
- GEOMETRIC DESIGN CRITERIA**
THIS PROJECT WAS DESIGNED IN ACCORDANCE WITH THE 2011 PUBLICATION OF AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS"; AASHTO, GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES; AND SHA BICYCLE POLICY AND DESIGN GUIDELINES.
STANDARD SPECIFICATION BOOK, BOOK OF STANDARDS AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
ALL WORK ON THIS PROJECT SHALL CONFORM TO: THE MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION (DDOT SHA) SPECIFICATION ENTITLED "STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS" DATED MAY 2017 REVISION THEREOF OR ADDITIONS THERETO; THE SPECIAL PROVISIONS INCLUDED IN THE INVITATION FOR BIDS BOOK; THE ADMINISTRATIONS' BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES; AND THE LATEST ADOPTED MUTCD.
ADA COMPLIANCE
THE DESIGN OF THIS PROJECT HAS INCORPORATED FACILITIES TO ACCOMMODATE PERSONS WITH DISABILITIES IN COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS.
- RIGHT-OF-WAY LINES AND PROPERTY LINES ARE AS DETERMINED BY THE BEST AVAILABLE INFORMATION AND ARE SHOWN ONLY FOR THE CONTRACTOR'S CONVENIENCE. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL RIGHT-OF-WAY LINES AND PROPERTY LINES TO HIS OWN SATISFACTION. ANY DISTURBED AREAS BEYOND THE RIGHT-OF-WAY OR EASEMENT LINES SHALL BE RESTORED IMMEDIATELY TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL STAKE PROPERTY LINES AND RIGHT-OF-WAYS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL, WITHIN THE PRICES BID AND WITHOUT ADDITIONAL COST TO THE TOWN, ADJUST TO FINISHED GRADE ALL MANHOLES, CLEANOUTS, VALVE BOXES, METER BOXES, AND OTHER UTILITIES AS REQUIRED, AND SHALL REMOVE AND REPLACE ALL TRAFFIC SIGNS, MAILBOXES, PAVEMENT MARKINGS, AND OTHER MISCELLANEOUS ITEMS IMPACTED BY CONSTRUCTION.
- USE ONLY SUITABLE AND APPROVED GRANULAR MATERIAL FOR BACKFILLING TRENCHES.
- REVIEW AND/OR APPROVAL OF THE SEDIMENT CONTROL AND STORM WATER PLAN SHALL NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES FOR COMPLIANCE WITH THE REQUIREMENTS OF THE SEDIMENT AND STORM WATER REGULATIONS, NOR SHALL IT RELIEVE THE CONTRACTOR FROM ERRORS OR OMISSIONS IN THE APPROVED PLAN.
- CONTRACTOR SHALL SAW CUT, FULL DEPTH, ALL PAVED AREAS WHICH ARE DISTURBED AS A RESULT OF PROJECT CONSTRUCTION, SAW CUT, REMOVAL, AND REPLACEMENT OF CONCRETE SIDEWALK, CURB, CURB AND GUTTER, ETC. SHALL BE MADE TO THE NEAREST UNDISTURBED JOINTS ON EACH SIDE OF THE AREA BEING DISTURBED.
- ALL EXCESS BORROW SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR.
- CONTRACTOR TO PROVIDE ALL TRAFFIC CONTROL MEASURES ALONG WITH PERMITS AS NECESSARY FOR THE ENTIRETY OF THIS PROJECT.
- ANY EXISTING SURVEY MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE BY A SURVEYOR LICENSED IN THE STATE OF MARYLAND.
- ON-SITE TOPOGRAPHIC SURVEY PREPARED BY DAVIS, BOWEN & FRIEDEL, INC. JULY 2015. VERTICAL DATUM IS NAVD 88.
- THIS SITE IS NOT LOCATED WITHIN 100 YEAR FLOOD PLAIN PER PANEL NUMBER 24041C0162D, EFFECTIVE DATE JULY 20, 2016; PANEL NUMBER 24041C0163D, EFFECTIVE DATE JULY 20, 2016; AND PANEL NUMBER 24041C0164D, EFFECTIVE DATE JULY 20, 2016.
- THIS SITE IS PARTIALLY LOCATED WITHIN THE "CHESAPEAKE BAY CRITICAL AREA" AS DEFINED BY THE TALBOT COUNTY CHESAPEAKE BAY CRITICAL AREA PROGRAM.
- FOLLOWING THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBMISSION OF A "RECORD DRAWING" FOR ALL FACILITIES CONSTRUCTED TO ENSURE COMPLIANCE WITH THE APPROVED PLAN. THE RECORD DRAWING MUST BE SEALED BY A MARYLAND PROFESSIONAL LAND SURVEYOR OR ENGINEER. THE RECORD DRAWING MUST BE LABELED "RECORD DRAWING". PROJECT SURETY SHALL BE WITHHELD UNTIL THE RECORD DRAWING INFORMATION IS SUBMITTED TO AND APPROVED BY THE TOWN OF ST. MICHAELS.



VICINITY MAP SCALE: 1"=6 MILES



LOCATION MAP SCALE: 1"=700 FEET

LEGEND

DESCRIPTION	EXISTING	PROPOSED
SWALE CENTERLINE	---	---
FENCE	- X - X -	N/A
TREE		
MAILBOX	△	N/A
ELEVATION CONTOUR	--- 7 ---	N/A
SPOT ELEVATION	x 6.50	7.50
SIGN		
UTILITY POLE W/ GUY WIRE		N/A
LIGHT POLE		N/A
TELEPHONE BOX		N/A
BOLLARD	N/A	⊙
SEWER LINE	---	N/A
SEWER CLEANOUT		N/A
SEWER MANHOLE		N/A
WATER METER		N/A
WATER VALVE		N/A
HYDRANT		N/A
STORM DRAIN MANHOLE		N/A
STORM DRAIN PIPE	====	N/A
BENCHMARK		N/A
SOILS BOUNDARY LINE	● ● ● ●	N/A
SOILS TYPE DESIGNATION	EmA	N/A
PAVEMENT REMOVAL	N/A	
CONCRETE SIDEWALK REMOVAL	N/A	
CROSSWALK MARKING		
PROPOSED TRAIL	N/A	
MILL & OVERLAY	N/A	
PROPOSED CONCRETE SIDEWALK	N/A	
LIMIT OF DISTURBANCE	N/A	--- LOD ---
SILT FENCE	N/A	--- SF ---
CURB INLET PROTECTION (CIP)	N/A	
FILTER LOG	N/A	--- FL-12 ---

INDEX OF DRAWINGS

	TITLE SHEET
C-1	SITE PLAN
C-2	SITE PLAN
C-3	SITE PLAN RAMP ENLARGEMENTS
C-4	SITE DETAILS
C-5	SITE DETAILS
ESC-1	EROSION & SEDIMENT CONTROL DETAILS

SITE INFORMATION

- | | |
|--|---|
| 1) DEVELOPER:
TOWN OF ST. MICHAELS
P.O. BOX 206
300 MILL STREET
ST. MICHAELS, MARYLAND 21663
PHONE: (410) 745-9535
FAX: (410) 745-3463 | OWNER:
TALBOT COUNTY BOARD OF EDUCATION
12 MAGNOLIA STREET
EASTON, MARYLAND 21601
PHONE: (410) 822-0330 |
| 2) CONTRACTOR: T.B.D. | |
| 3) APPLICANT / ENGINEERING AGENT:
DAVIS, BOWEN & FRIEDEL, INC.
106 NORTH WASHINGTON STREET
EASTON, MARYLAND 21601
PHONE: (410) 770-4744
FAX: (410) 770-4515 | |
| 4) PROJECT SITE LOCATION:
TAX MAP 0201, PARCEL 1231
100 SEYMOUR AVENUE
ST. MICHAELS, MARYLAND 21663 | |
| 5) THE PROJECT SITE IS NOT IN THE 100 YEAR FLOOD PLAIN. | |
| 6) ZONING: R1 | |
| 7) CAC: IDA (PARTIAL)
LDA (PARTIAL) | |
| 8) TYPE OF DEVELOPMENT: SAFE ROUTES TO SCHOOL TRAIL | |

TOWN OF ST. MICHAELS 300 MILL STREET ST. MICHAELS, MD 21663	APPROVED BY	DATE
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APRIL 2018
1504A013

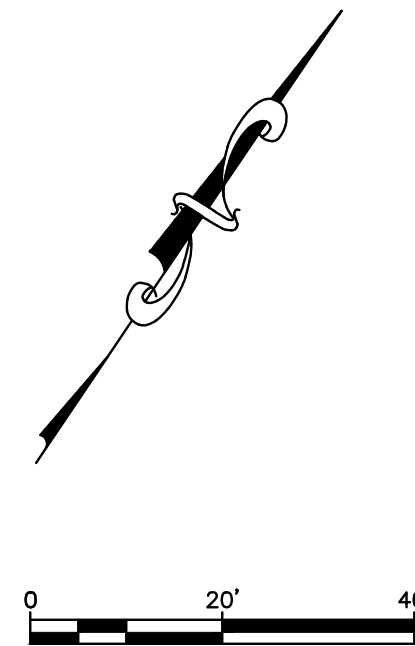
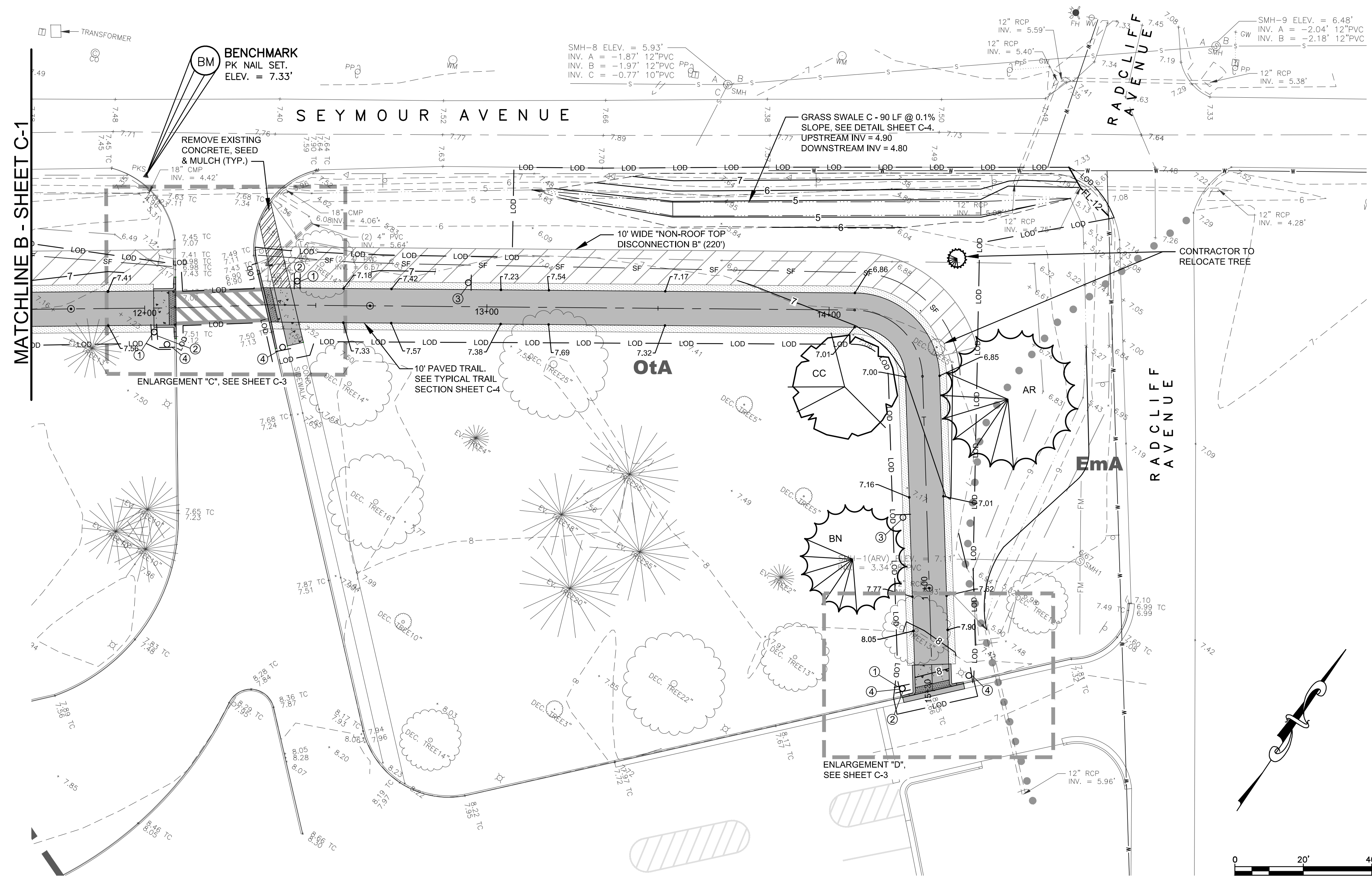
DAVIS, BOWEN & FRIEDEL, INC.

ARCHITECTS ENGINEERS SURVEYORS
106 NORTH WASHINGTON STREET
EASTON, MARYLAND 21601
PHONE: 410-770-4744, FAX: 410-770-4515

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. 31100 EXPIRATION DATE: 01/21/2019

Y:\151504A\1504A013 Safe Routes to School\Design\DWG\C-1-2_Site Plan.dwg Apr 10, 2018 - 1:10pm, (685)



SIGN LEGEND	
①	YIELD (R1-2)
②	NO MOTOR VEHICLES (R5-3)
③	CROSS ROAD AHEAD (W2-1)
④	BIKE AND PED. CROSSING (W11-15 W/ W11-15P)

NOTES:
 • SEE SIGN DETAIL SHEET C-4
 • CROSS ROAD AHEAD SIGN TO BE PLACED 50' FROM YIELD SIGN

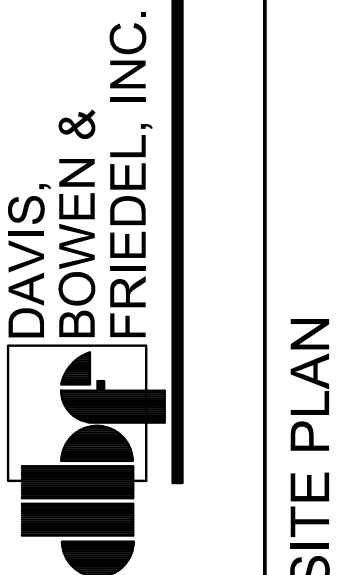
NOTES:

- PROJECT CONSISTS OF REMOVING SIX (6) TREES, ONE (1) TREE STUMP, ONE (1) SHRUB AND RELOCATING TWO (2) TREES. SEE PLANTING SCHEDULE THIS SHEET. MITIGATION REQUIRED 1:1.
- AT ALL LOCATIONS WHERE THE SIDEWALK AND DRIVE INTERSECTS THE PROPOSED TRAIL A 10' LEVELING LANDING AREA MUST BE PROVIDED. THE LEVEL LANDING AREA MUST BE NO GREATER THAN 2% IN ALL DIRECTIONS.
- ALL DRIVEWAY ENTRANCES MUST HAVE A MINIMUM 3' WIDE PEDESTRIAN PATHWAY WITH A MAXIMUM 2% CROSS-SLOPE ACROSS THE ENTIRE ENTRANCE, REGARDLESS OF MATERIALS USED IN CONSTRUCTION.

PLANT SCHEDULE						
SYMBOL	NATIVE	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
DECIDUOUS TREE (UNDERSTORY)						
	✓	CC	Cercis canadensis	EASTERN REDBUD	1" Cal., 6' Tall, B&B	2
DECIDUOUS TREE (CANOPY)						
	✓	AR	Acer rubrum	RED MAPLE	2" Cal., 8' Tall, B&B	2
	✓	BN	Betula nigra	RIVER BIRCH	2" Cal., 8' Tall, B&B	2

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. 31100, Expiration Date 01/21/19.

ARCHITECTS ENGINEERS SURVEYORS
 DAVIS, BOWEN & FRIEDEL, INC.
 SUDBURY, MARYLAND (301) 545-2000
 WILFORD, DELAWARE (302) 421-1441
 EASTON, MARYLAND (410) 770-1744



SITE PLAN

SAFE ROUTES TO SCHOOL TRAIL PROJECT

SEYMOUR AVENUE, TOWN OF ST. MICHAELS

TALBOT COUNTY, MARYLAND

Revisions:
 Date: APRIL 2018
 Scale: 1" = 20'
 Dwn. By: SMS
 Proj. No.: 1504A013
 Dwg. No.:

C-2

