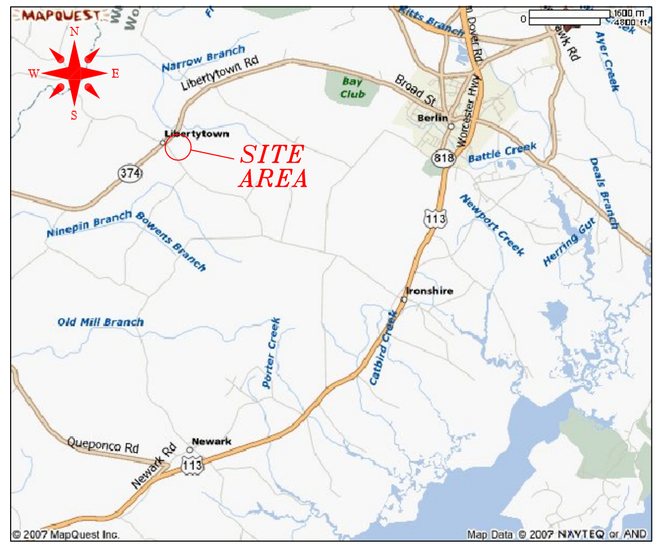
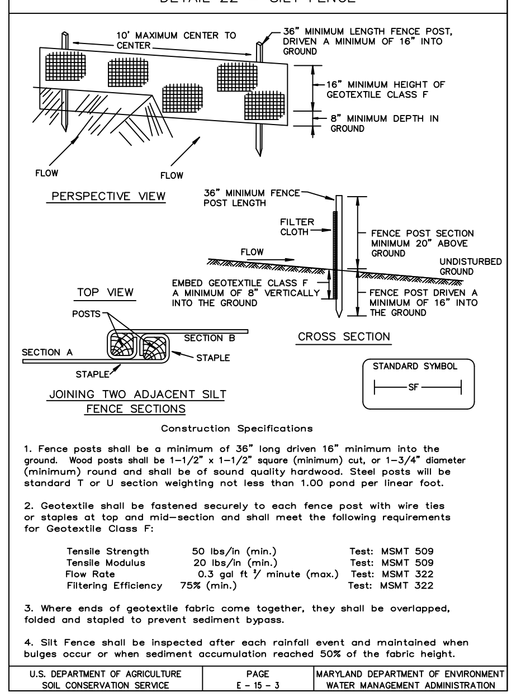


DETAIL 22 – SILT FENCE



Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1-1/2" x 1-1/2" square (minimum) cut, or 1-3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft / minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE E - 15 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SEDIMENT AND EROSION CONTROL NOTE:

FOLLOWING INITIAL DISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS ON ALL PERIMETER CONTROLS AND SLOPES GREATER THAN 3 TO 1 AND SEVEN (7) DAYS ON ALL OTHER DISTURBED AREA ON THE SITE.

MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE THAT STABILIZED AREAS CONTINUOUSLY MEET THE APPROPRIATE REQUIREMENTS OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL".

THE OWNER/DEVELOPER OR REPRESENTATIVE IS REQUIRED TO CONTACT THE APPROPRIATE ENFORCEMENT AUTHORITY OR ITS AGENT AT THE FOLLOWING STAGES OF THE PROJECT:

A) PRIOR TO THE START OF EARTH DISTURBANCE;
B) UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING;
C) PRIOR TO THE START OF ANOTHER PHASE OF CONSTRUCTION OR OPENING OF ANOTHER GRADING UNIT;
D) PRIOR TO THE REMOVAL OF SEDIMENT CONTROL PRACTICES.

SEQUENCE OF CONSTRUCTION:

1. OBTAIN ALL COUNTY AND STATE PERMITS.
2. CONTACT THE WORCESTER COUNTY DEPARTMENT OF ENVIRONMENTAL PROGRAMS AT 410-632-1220 TO SCHEDULE A PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS PRIOR TO COMMENCING ANY SITE WORK, FAILURE TO DO SO MAY RESULT IN AN IMMEDIATE STOP WORK ORDER.
3. INSTALL SILT FENCE AS REQUIRED.
4. CONSTUCTION OF THE PROJECT (HAUL AND STOCKPILE SPOIL).
5. REMOVAL OF CONTROLS AND STABILIZATION OF ALL AREAS DISTURBED BY THE REMOVAL OF THE CONTROLS.

PURPOSE STATEMENT:

The purpose of this plat is to show a proposed site for the temporary deposit of dredge spoil. The material will be hauled into the site by dump truck and stockpiled in such a manner as to be allowed to dry. Once the material is dried, it will be loaded and hauled away from this site. After all material is removed, the site will be returned to its original condition.

DEVELOPER'S CERTIFICATION:

ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS SEDIMENT AND EROSION CONTROL PLAN AND THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL," AND FURTHER AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY THE WORCESTER SOIL CONSERVATION DISTRICT BOARD OF SUPERVISORS OR THEIR AUTHORIZED AGENTS.

ANY CLEARING, GRADING, CONSTRUCTION OR DEVELOPMENT, OR ALL OF THESE, WILL BE DONE PURSUANT TO THIS PLAN. THE DEVELOPER SHALL REQUEST THAT THE INSPECTION AGENCY APPROVE WORK COMPLETED AT THE STATES OF CONSTRUCTION SPECIFIED BELOW IN ACCORDANCE WITH THE APPROVED PLAN, THE GRADING OR BUILDING PERMIT AND THIS CHAPTER.

ALL PHASES OF STORMWATER MANAGEMENT CALCULATIONS, STRUCTURE DESIGN AND CONSTRUCTION WILL ADHERE TO CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR STORMWATER MANAGEMENT AND THE STORMWATER MANAGEMENT PLAN FOR THIS SITE.

ALL INFORMATION SET FORTH IN THIS PLAN ACCURATELY CONVEYS THIS SITE'S CONDITIONS TO THE BEST OF MY KNOWLEDGE.

ALL STRUCTURAL DEVICES FOR STORMWATER MANAGEMENT WILL BE PROTECTED BY PROPER SOIL EROSION AND SEDIMENT CONTROL DEVICES UNTIL ALL CONTRIBUTING AREAS HAVE PASSED FINAL STABILIZATION INSPECTION.

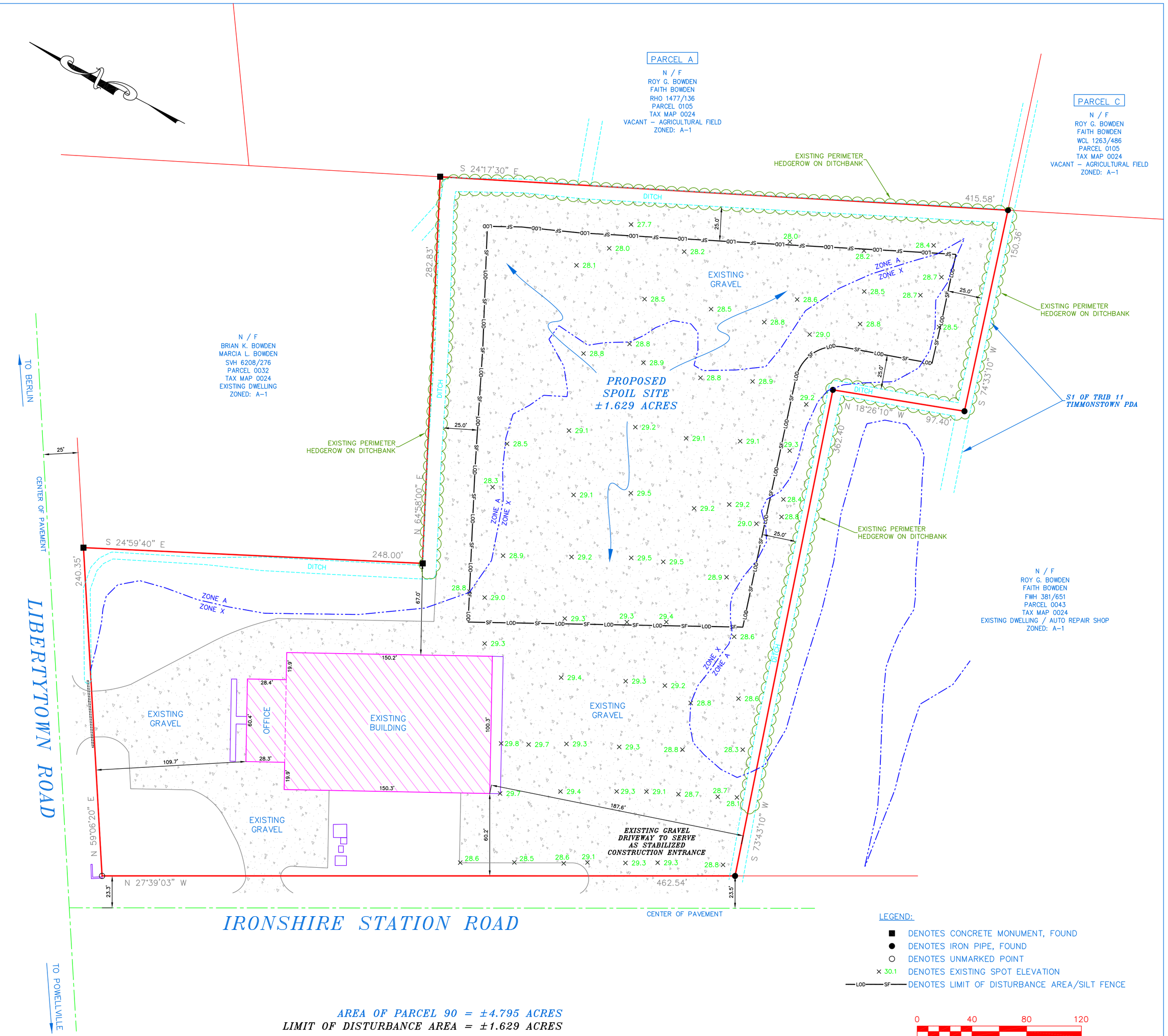
UPON COMPLETION OF THE PROJECT, AN AS-CONSTRUCTED SURVEY, NOTICE OF CONSTRUCTION COMPLETION (NOCC), AND LETTER OF CERTIFICATION MUST BE SUBMITTED TO THE DEPARTMENT, EXCEPT INDIVIDUAL SINGLE FAMILY DWELLINGS. ONCE REVIEW IS COMPLETE AND APPROVED, A CERTIFICATE OF OCCUPANCY CAN BE ISSUED.

SIGNATURE – OWNER(S)/DEVELOPER(S) DATE:

RESPONSIBLE PERSONNEL CERTIFICATION, E.G.:

ALL RESPONSIBLE PERSONNEL (ONE MINIMUM) INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM THE DEPARTMENT OF NATURAL RESOURCES, STATE OF MARYLAND, APPROVED TRAINING PROGRAM FOR SOIL EROSION AND SEDIMENT CONTROL.

SIGNATURE – OWNER(S)/DEVELOPER(S) DATE:



LEGEND:

- ■ DENOTES CONCRETE MONUMENT, FOUND
- ● DENOTES IRON PIPE, FOUND
- ○ DENOTES UNMARKED POINT
- × 30.1 DENOTES EXISTING SPOT ELEVATION
- —LOD—SF— DENOTES LIMIT OF DISTURBANCE AREA/SILT FENCE

0 40 80 120

GRAPHIC SCALE

AREA OF PARCEL 90 = ±4.795 ACRES
LIMIT OF DISTURBANCE AREA = ±1.629 ACRES

NOTES:

THIS PROPERTY IS SITUATED WITHIN FLOOD HAZARD ZONES X & A (NO BASE FLOOD ELEVATION DETERMINED) AS SHOWN ON FIRM MAP 24047C0150H, DATED 07/16/15

THIS PROPERTY IS NOT WITHIN THE ATLANTIC COASTAL BAYS CRITICAL AREA PROGRAM OR THE CHESAPEAKE BAY CRITICAL AREA PROGRAM.

ELEVATIONS SHOWN ARE IN FEET BASED UPON ASSUMED DATUM.

THIS PROPERTY IS CURRENTLY IMPROVED WITH AN EXISTING CONTRATORS SHOP. THE LIMIT OF DISTURBANCE AREA IS USED AS A CONTRACTORS STORAGE YARD AND IS IMPROVED WITH A RECYCLED CONCRETE PARKING AREA.

PER USDA/NRCS WEB SOIL SURVEY MAPS THE PREDOMINANT SOILS WITHIN THE LIMITS OF DISTURBANCE ARE:
THE SOILS OF THIS PROPERTY ARE
OtA – OTHELLO SILT LOAMS

THIS SITE IS EXEMPT FROM THE COUNTY'S FOREST CONSERVATION LAW SINCE THIS ACTIVITY DOES NOT RESULT IN THE CUTTING, CLEARING, OR GRADING OF MORE THAN 20,000 SQUARE FEET OF FOREST.

THERE ARE NO WETLAND AREAS DELINEATED OR OBSERVED WITHIN THE LIMITS OF DISTURBANCE. A 25' BUFFER WILL BE MAINTAINED BETWEEN THE BOTTOM OF THE EXISTING DITCHES AND THE LIMIT OF DISTURBANCE.

STATE OF MARYLAND
CALVIN W. HOLLOWAY, JR.
No. 21591
PROFESSIONAL LAND SURVEYOR

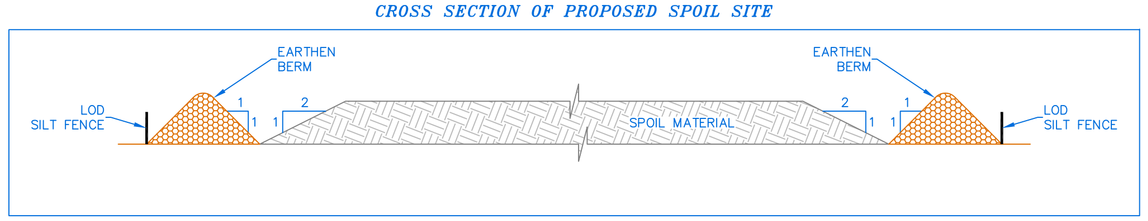
SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL LAWS, REGULATIONS, AND STANDARDS.

CAL HOLLOWAY 10/10/17
DATE

BENCHMARK LAND SURVEYING, INC. ESTABLISHED 2016
Benchmark Land Surveying, Inc.
24 Broad Street
Berlin, MD 21811
410-641-3313
cal@benchmarkmd.com

CROSS SECTION OF PROPOSED SPOIL SITE



OWNERS:

ABSOLUTE VENTURES, LLC
C/O BRYANT BUNTING
1545 TEAL DRIVE
OCEAN CITY, MARYLAND 21842
PHONE: 443-497-1535

DEED REFERENCE:

SVH 4733/133
PARCEL 0090
TAX MAP 0024

TAX ACCOUNT ID:

#03-013782

PROPERTY ZONED: I-1

SEDIMENT EROSION CONTROL PLAN

FOR

ABSOLUTE VENTURES, LLC TAX MAP 24; PARCEL 90

THIRD TAX DISTRICT
WORCESTER COUNTY, MARYLAND

SCALE: 1" = 40' DATE: 10/10/17
JOB NO. 8500_SEC4