

**SAFETY REGULATIONS**

ALL EXCAVATION AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MARYLAND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (MOSHA) STANDARDS AS SET FORTH IN THE LATEST VERSION OF THE CODE OF MARYLAND REGULATIONS

**CONSTRUCTION NOTIFICATION**

The Contractor/Owner is to notify the \_\_\_\_\_ County \_\_\_\_\_ SOIL CONSERVATION DISTRICT at least 72 hours prior to construction to facilitate any scheduling, layout, or preliminary mobilization necessary to ensure proper construction inspection to enable appropriate certification of the project.

It is the Landowner's responsibility to obtain all County, State, and Federal permits that may be needed, and to maintain this structure and related regulations.

THERE WILL BE NO CHANGES IN SPECIFICATION, DIMENSIONS, OR MATERIALS UNLESS APPROVED BY THE ENGINEER RESPONSIBLE FOR THIS DRAWING. THE DRAWINGS ARE PREPARED COOPERATIVELY BY THE NATURAL RESOURCE CONSERVATION SERVICE FOR THE NAMED LANDOWNER.

CONSTRUCTION FOUND NOT IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS SHALL VIOLATE THE COOPERATIVE AGREEMENT AND ALL DRAWINGS, SPECIFICATIONS, AND QUANTITIES ESTIMATE SHALL IMMEDIATELY BE RETURNED TO THE LOCAL NRCS OFFICE.

**GENERAL NOTES:**

- PLEASE CONTACT THE SOIL CONSERVATION DISTRICT AT LEAST 3 DAYS PRIOR TO CONSTRUCTION TO ARRANGE A PRE-CONSTRUCTION MEETING AT PHONE #
- A CONSERVATION TECHNICIAN SHALL SET CUT/GRADE STAKES AT THE CONTRACTORS REQUEST

**CONSTRUCTION SEQUENCE:**

- Contact the soil conservation district at PHONE # to arrange a pre-construction meeting.
- Contact miss utility at 1-800-257-7777
- Install dewatering basin
- Install pump around device
- Excavate area for proposed crossing
- Install filter fabric, geoweb, and rock
- Stabilize all disturbed areas per vegetative stabilization methods and materials
- Remove all erosion and sediment control measures

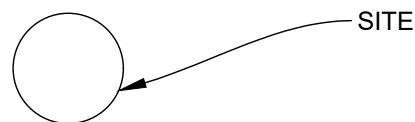
**CRITICAL INSPECTION ITEMS**  
(Grid Ford Crossing)

11/13/15

- The landowner will arrange for a pre-construction meeting between the contractor, NRCS and landowner to review the plans, standards and specifications prior to the start of construction.
- There will be no changes in specifications, dimensions, or materials unless approved by the engineer responsible for this drawing.
- The drawings are prepared cooperatively by the Natural Resources Conservation Service for named owner/operator. Construction found not in accordance with these drawings and specifications shall violate the cooperative agreement and all drawings, specifications, and Quantities Estimate shall immediately be returned to the local NRCS office.
- The following is a list of items that must be inspected by the Technician-in-Charge. If cost share is involved, payment may be forfeited if the Technician-in-Charge does not inspect all of the below:
  - Preconstruction Meeting Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Verify layouts: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Verify all subgrades: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Geotextile Placement: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Verify all subgrade materials CR-6 etc: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - EnviroGrid Panels:
    - Type and Size: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
    - Foundation: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
    - Placement: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Approach Lanes:
    - Foundation: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
    - Stone Gradation, Size and Placement: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Grid Fill Stone Size and Gradation: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Final grading: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - All disturbed areas seeded and mulched: Date: \_\_\_\_\_ Initials: \_\_\_\_\_
  - Other items shown on the plans: Date: \_\_\_\_\_ Initials: \_\_\_\_\_

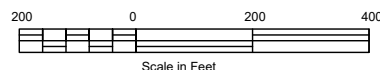
# LANDOWNER - SITE NAME

## 578 STREAM CROSSING



**REVISED 7/1/2021**

**LOCATION MAP**



USER TO INSERT SHEET LIST TABLE



**Know what's below.  
Call before you dig.**

The Soil Conservation District makes no representation as to the existence or Non-existence of any utilities at the construction site. Shown on these construction drawings are those utilities which have been identified. It is the responsibility of the landowners or operators and contractors to assure themselves that no hazard exists or damage will occur to utilities.

All disturbed areas to be stabilized within 7 days of completion, using the following recommendations.

**Seeding Recommendations**

- Tall Fescue 65 lb/ac
- Perennial Ryegrass or 5 lb/ac
- Redtop (tolerates moist sites) 2 lb/ac
- White Clover 5 lb/ac
- 20-40-40 Fertilizer 500 lb/ac
- Ground lime 50% oxides 3 tons /ac
- Straw Mulch 2 tons/ac

Dates listed are for plant hardiness Zone 6B, dates will need to be changed for other zones.

Seeding Dates  
March 1 thru May 15  
August 1 thru October 1

It is the landowner responsibility to obtain All County, State, and Federal permits that may be needed, and to maintain this structure and those regulations.

USER TO ENTER SEEDING INFO

**AS-BUILT STATEMENT**

THE CONSERVATION PRACTICE(S) MEETS OR EXCEEDS NRCS STANDARDS AND SPECIFICATIONS

INSPECTED BY \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

CONSTRUCTION APPROVAL \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

VERIFIED DISTRICT \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
CONSERVATIONIST

**AS BUILT CONTRACT ITEMS:**

PRACTICE	Reportable Amount	Contract Amount

USER TO ENTER PRACTICES

**OWNER/CONTRACTOR STATEMENT**

I CERTIFY THAT THIS DESIGN HAS BEEN EXPLAINED TO ME BY A REPRESENTATIVE OF THE COUNTY SOIL CONSERVATION DISTRICT, AND I UNDERSTAND THE CONTENTS, ALL CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND SPECIFICATIONS, I FURTHER UNDERSTAND THAT ALL CONSTRUCTION WILL BE UNDER THE INSPECTION OF THIS OFFICE.

OWNER/OPERATOR SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

CONTRACTOR'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

Note: Geotextile to meet the following Maryland State Highway Administration requirements:

Maryland Application Class	Type of Geotextile	Grab Strength Lb D 4632	Puncture Strength Lb D 4833	Permitivity Sec 1	Apparent Opening Size Max Mm D 4751	Trapezoid Tear Strength Lb D 4533
SE	NONWOVEN	200	80	0.2	0.3	80
	WOVEN	250	90	0.2	0.3	90

**SITE DATA:**

LANDOWNER INFORMATION: \_\_\_\_\_ STREAM CLASSIFICATION: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_ STREAM CLOSURE DATE(S): \_\_\_\_\_

**SITE DETAILS:**

TOTAL DISTURBED ACRES = ± \_\_\_\_\_  
TOTAL DISTURBED SQFT = ± \_\_\_\_\_

Construction supervision by NRCS/MDA/SCD personnel.  
Landowner's permission for MDE and COE inspection.

Date: \_\_\_\_\_

Designed: \_\_\_\_\_

Drawn: \_\_\_\_\_

Checked: \_\_\_\_\_

Approved: \_\_\_\_\_

LANDOWNER - SITE NAME

#####  
COUNTY Soil Conservation District

JOB CLASS #

TRACT #



File Name

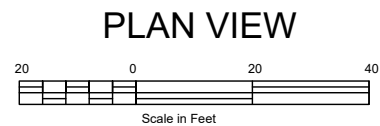
MD\_0051\_StreamXingGeocelEquipOn\_11x17.dwg

Drawing No.  
MD\_0051

Sheet 1 of 2



ENTER PLAN VIEW MAP



ENTER PROFILE/CROSS SECTION

**BENCH MARK DESCRIPTIONS**

TBM #1 (IP): Elev = ????.??

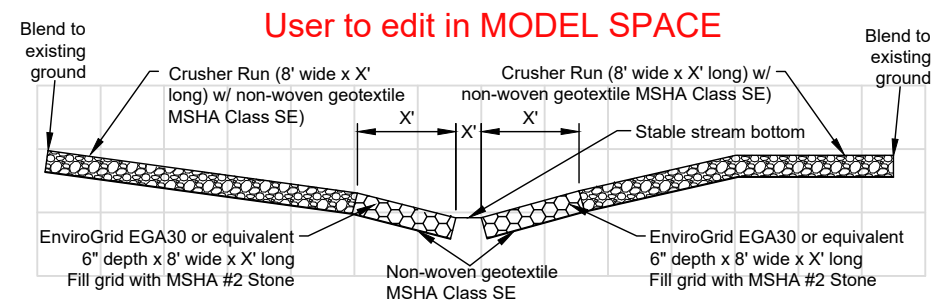
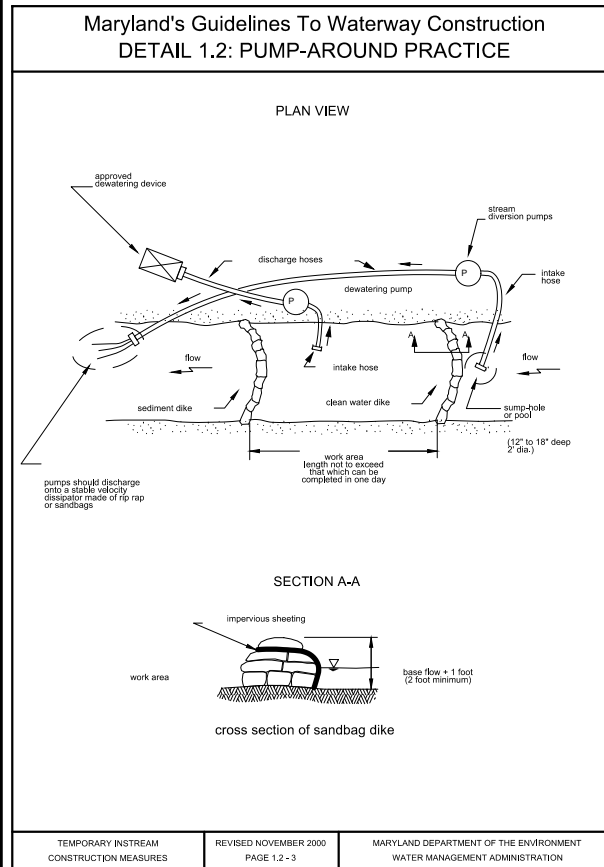
Top of 1" X 2" wooden hub, marked by witness lath.

TBM #2: Elev = ????.??

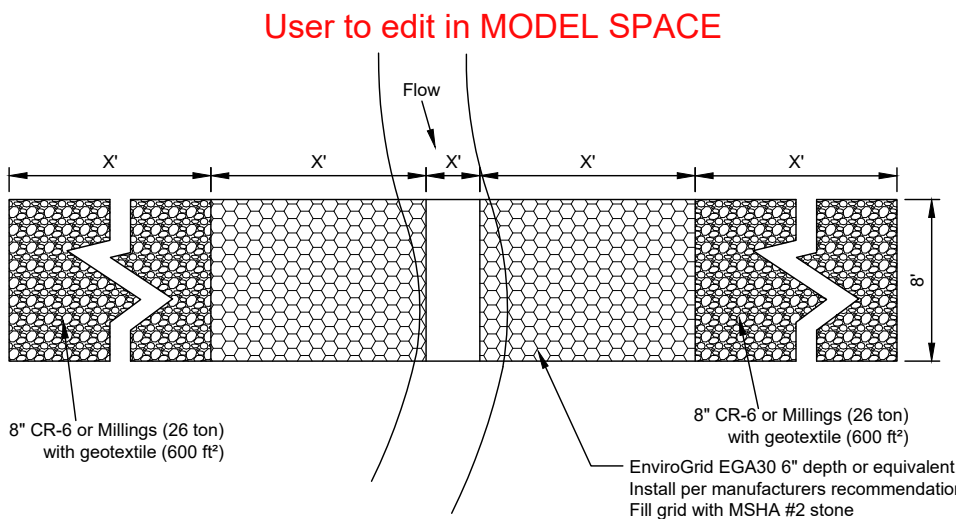
Top of 1" X 2" wooden hub, marked by witness lath, near NW corner of building.

TBM #3: Elev = ????.??

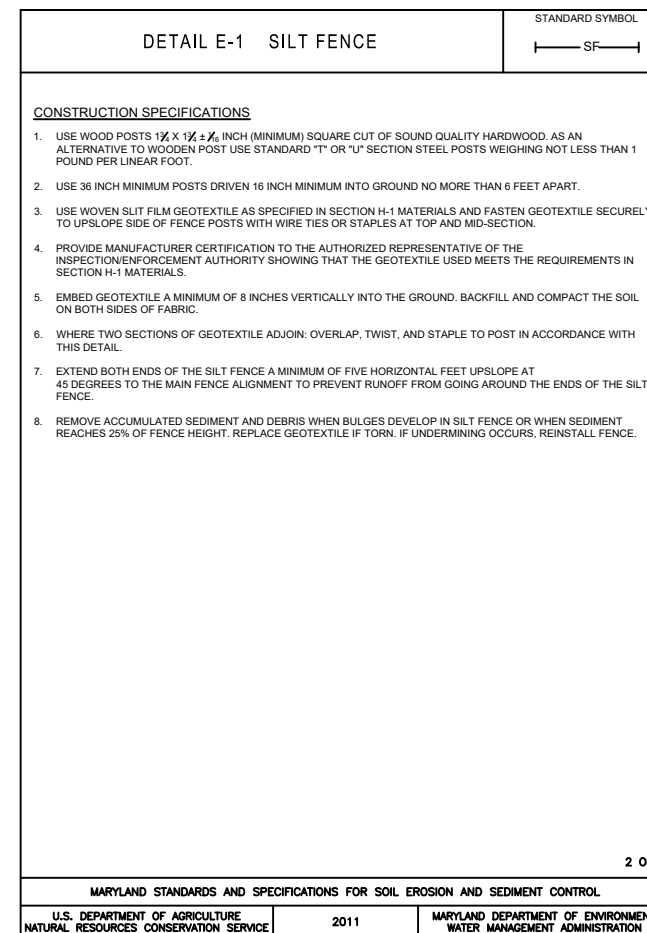
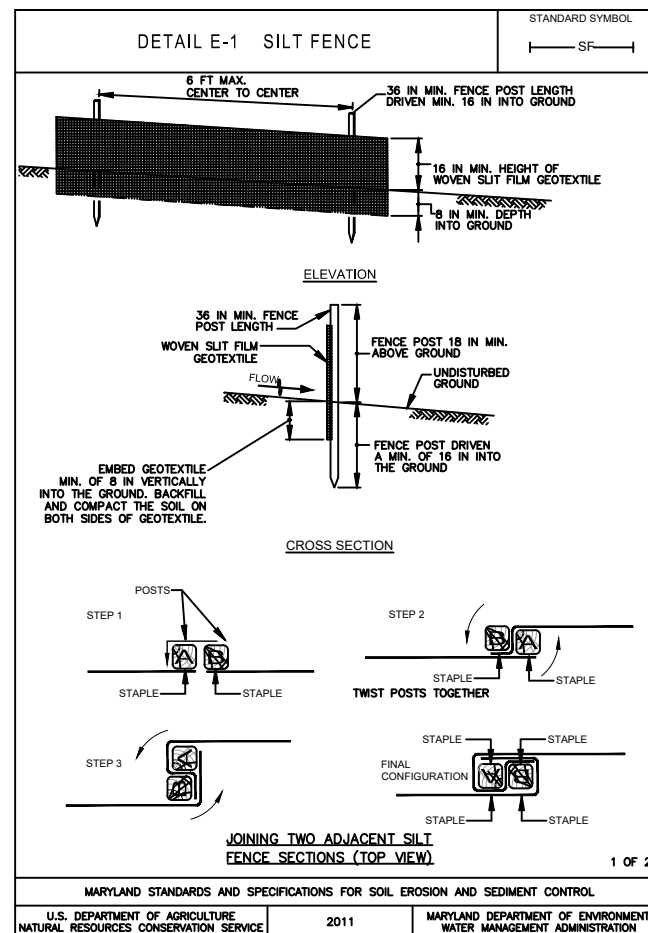
Top of bolt in NW corner of concrete.



TYPICAL CROSS SECTION OF STREAM CROSSING  
Not to scale



TOP VIEW OF STREAM CROSSING  
Not to scale



Date	.....
Designed	.....
Drawn	.....
Checked	.....
Approved	.....

LANDOWNER - SITE NAME

#####  
COUNTY Soil Conservation District

JOB CLASS #

TRACT #

United States Department of Agriculture  
Natural Resources Conservation Service

File Name

MD\_0051\_StreamXingGeocelEquipOn/11x17.dwg

Drawing No.  
MD\_0051

Sheet 2 of 2