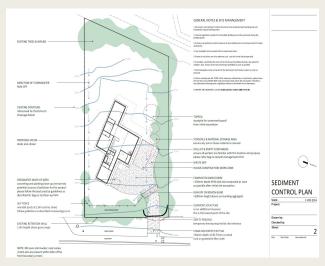
Frederick County Soil Conservation District

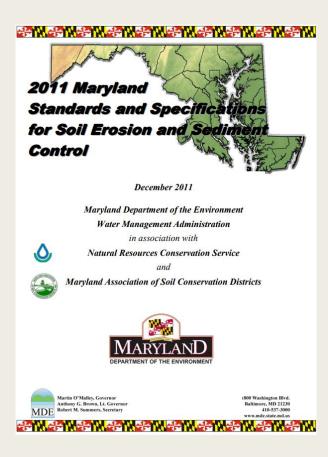




RESOURCES FOR EROSION & SEDIMENT CONTROL PLAN REVIEW

All Erosion and Sediment control plans submitted for review and approval for projects located in Frederick County, must adhere to the current 2011 Maryland Department of the Environment's Standard and Specifications for Soil Erosion and Sediment Control.

2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control

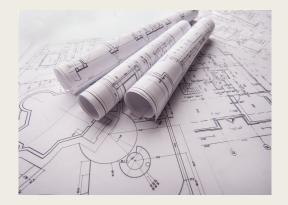


APPROVAL INFORMATION

The Frederick County Soil Conservation District approval of erosion and sediment control plans expires two (2) years from the approval date. When the approval expires, plans must be re-submitted for recertification (renewal).

	Frederick County Soil Conservation District Erosion and Sediment Control Plan Approval
By: _	
	District Manager or Designee
Date	- A PRODUCT OF SECURITIES TO SECURE OF SECURITIES OF SECUR
	Plan is valid for 2 years from date of approval
	approval for sediment and erosion control is in
	rdance with the 2011 Maryland Standards and
V 5 V V	ifications for Soil Erosion and Sediment Control
	s contingent upon issuance of all applicable
regu	latory permits.

EROSION & SEDIMENT CONTROL PLAN REVIEW FEE



- > First Submission= \$130.00
- > Resubmission= \$130.00
- ➤ Originals for Signatures= Total Acres of Disturbed Area __ X \$130.00 plus \$390.00 Admin fee charge.

Cash or Check is accepted for payment. Please make checks out to: **FREDERICK COUNTY SCD**

There will be a \$45.00 fee on ALL returned checks

* If project includes small ponds, additional fee may apply. Please use the MDE Stormwater, Dam Safety, and Flood Management Program Flow Chart for Determining Embankment Design Category and Approval Authority. If requires Small Pond Approval follow the Small Pond Submission Requirements.

SUBMISSION REQUIREMENTS

First or Resubmission Site Plan:

- > One (1) Paper Copy of Plan and Supporting Documents
- Completed Transmittal Sheet Project Name, Engineering Firm, Contact Name, Phone Number and Email. <u>Fee Transmittal Sheet- Fillable Form</u>
- Completed FCSCD Erosion & Sediment Control Checklist. FCSCD ESC Checklist
- ➤ Review Fee Payment of \$130.00 (Cash or Check made out to Frederick County Soil Conservation).

* Plans <u>will not</u> be accepted or reviewed without a completed FCSCD ESC Checklist by the submitting party and review payment

Originals for Signature:

- > Two (2) Paper Copy of Plan and Supporting Documents
- Completed Transmittal Sheet Project Name, Engineering Firm, Contact Name, Phone Number and Email. Fee Transmittal Sheet- Fillable Form
- Copy of the Final Review Bill.
- Final Signature Fee From Final Review Bill Payment of (Total Acres of Disturbed Area X \$130.00 Plus \$390.00 Admin Fee. (Cash or Check made out to Frederick County Soil Conservation).

*Original plans <u>will not</u> be accepted by the Frederick County Soil Conservation District until requested by urban technician in writing on sediment control checklist and final review bill is issued.

REVIEW TIME

Review time will be 30 working days from the time plans are received at the Frederick County Soil Conservation District office.

Any calls or questions regarding submissions must be from the engineering firm. Frederick County Soil Conservation District will not give status updates with in the 30 day review time.

All Urban review comments and paperwork must be picked up by the engineering firm.



FEE TRANSMITTAL SHEET

	- del
Frederick	County
Soil Conservat	ion District

Frederick County Soil Conservation 92 Thomas Johnson Drive- Suite 230 Frederick, MD 21702 (301)-695-2803 x3

Fee Transmit	tal Sheet
Project Name:	
Engineer:	
Contact Name:	Phone:
First Submission \$130.00 # of Ponds x\$800 = \$ Resubmission \$130.00 # of Ponds x\$300 = \$	Check#
Originals for Signature \$	Check#
Redline Submission \$	Check#
MAKE CHECKS PAYABLE TO: FRE	DERICK COUNTY SCD
THERE WILL BE A \$45.00 FEE ON AI	LRETURNED CHECKS
FORMS CAN BE ACCESSED AT W	WW FCSCD COM/RESOURCES

SOIL CONSERVATION DISTRICT REVIEW CHECKLIST

Erosion & Sediment Control Checklist

		Frederick County Soil Conservation District	Disturbed Acres: Urban Reviewer: Plan Status: APPROVED	City of FrederickFrederick County
		Sediment And Erosion C	Control Plan Review Checklist	
This checklist is	intended to pr	This Checklist to be Complete ovide guidance to you as you prepare your design plans. The items on t	d by Design Professional In Charge this checklist are some of the items that will be revie	ewed by Frederick County Soil Conservation staff. Please
			with a Sediment and Erosion Control plan.	
Project Name:			Date Submitted to SCD:	
Engineer Firm:	1000			
Engineer Inchar	ge Phone #:		Email:	
Engineer		Cover Sheet - Items that	at must be on first plan sheet	
Incharge	SCD Reviewer	10 11 10 10 10 10 10	Item	
		<u>Title Block</u> : Project name, property address and legal description (lots/		
		<u>Project Scope/Name</u> : Examples - Sediment Control and SWM for [project name].	ect name], Sediment Control for Demolition and Imp	provement Only, Sediment Control for Mass Grading Only
		Owner/ Developer Certification: Name, address, phone number and s	signature	
		Frederick County Soil Conservation District Signature Block: Lowe	r right-hand corner on all SEC Sheets.	
		Location Map: Site outlined and adjacent streets labeled.		
		Approval Summary Table: List all approval warranted for the project w	rithin this table to include, SCD, MDE Water Resour	rce Permits, Notice of Intent (1 acre or more), etc.
		Sheet Index Table: Provide sheet numbers with description		
		Engineer's Design Certification Seal and Signature Block: Seal of a or Maryland Architect. Provide Digital Seal and Signature per State and Plans requiring Small Pond or Dam Safety approval can only be sealed	County requirements. Seal only required to be on by a Maryland PE.	the first sheet. Provide date signed and expiration date.
		Certification of the Disturbed Area Quantity Block: Include cubic ya	rds of excavation and fill with disturbed square feet	or acres.
		Property Information/General Notes: Project summary description, st plan that are connected to submitted plan; example mass grading, impressing the property of the property of the project summary description.		s. Waterway Class, Stream restriction period. List other
		Sediment Co	ontrol - Plan Views	

FINAL REVIEW BILL SHEET



92 Thomas Johnson Drive, Suite 230, Frederick, MD 21702 (301)-695-2803 x3 soil.conservation@comcast.net

Final Erosion & Sediment Control Plan Review and Signature Fee

Project Name: Erosion Control Plan

Development Type	Disturbed Acres			Review Fee	Total
	Unlimited	Enter Disturbed Acre, to the nearest tenth			
Residential		\$	130	Acre Review Fee	\$ -
		\$	390	Admn Fee	
				Total Review Fee	\$ -
	d Unlimited	Enter Disturbed Acre, to the nearest tenth		1.68	
Mass Grading/ Improvement Plans/Industrial/Commercial		\$	130	Acre Review Fee	\$ 218.40
wass Grading/ improvement Frans/industrial/Commercial		\$	390	Admin Fee	\$ 390.00
				Total Review Fee	\$ 608.40
		Ente	er Distu	rbed Acre, to the nearest tenth	
Mining Operations	Unlimited	\$	130	Acre Review Fee	\$ -
		\$	390	Admin Fee	
			1,0	Total Review Fee	\$ -

Total Amount Due with Final Submission	\$ 608.40
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2 Paper copies of plans are required at final submission.

Originals will not be signed unless fee is paid in full at time of submission

Please make check out to: Frederick County SCD

There will be a \$45.00 fee on all returned checks.

OWNER/DEVELOPER, ENGINEER, DISTURBED AREA CERTIFICATION BLOCKS

OWNER/ DEVELOPER'S CERTIFICATION: I/We hereby certify that any clearing, grading, construct this plan and that any responsible personnel involved in Attendance at a Maryland Department of the Environm sediment and erosion before beginning the project. I/V end of each working day, and that any needed mainten sediment control practices are left in operational conditionsite evaluation by the Frederick County Soil Conservations.	n this construction project ent approved training pro le also certify that the site ance will be completed so tion. I/We authorize the ri	will have a Certificate of ogram for the control of e will be inspected at the o as to ensure that all ight of entry for periodic	Owner/Developers	s Certification Signature Block
SIGNATURE OWNER/ DEVELOPER	DATE			
PRINT NAME	TITLE			
Certification of the Disturbed Area Q	uantity Block	I hereby certify that the computed to disturbed as shown on t	estimated total amount of areac.y. of excavation,these plans has been determined	to be disturbed shown on these plans has beenc.y. of fill and the total area to be I to beacres. P.E. NO.
		PRINT	NAME	DATE
ENGINEER'S DESIGN CERTIFICATION: I hereby certify this plan has been designed in accordance 2011 Maryland Standards and Specification for Soil Erosi issuance of all applicable regulatory permits. If applicable the requirements contained within USDA, NRCS "Standathe policies and procedures of the Maryland Department	on and Sediment Control e, this plan is also designe rds and Specifications for	and is contingent upon d in accordance with Ponds MD-378" and	Engineer's Design	Certification Signature Block
ENGINEER'S SIGNATURE	P.E. N	10.		
PRINT NAME	DATE			

FREDERICK COUNTY SOIL CONSERVATION DISTRICT SIGNATURE BLOCKS

te of approval
on control is in Standards and diment Control I applicable

FCSCD Erosion and Sediment Control Plan Approval Signature Blocks

*Signature blocks are required on cover sheet and on each page of project applicable to sediment and erosion control or storm water management review.

SEQUENCE OF CONSTRUCTION SAMPLE

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. CONTRACTOR SHALL CONTACT MISS UTILITY AT 800-257-7777, CITY OF FREDERICK ENGINEERING DEPT. AT 301-600-1405, AND SOIL CONSERVATION DISTRICT AT 301-695-2803 EXT 3 TO SET UP A PRE-CONSTRUCTION MEETING AT LEAST (5) DAYS PRIOR TO BEGINNING CONSTRUCTION. THE LIMITS OF DISTURBANCE SHALL BE STAKED IN THE FIELD PRIOR TO THE PRE-CONSTRUCTION MEETING. ADDITIONAL SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS A RESULT OF THE PRECONSTRUCTION MEETING. A COPY OF THE NOTICE OF INTENT WILL NEED TO BE RECEIVED FROM MDE PRIOR TO THE START OF CONSTRUCTION.
- INSTALL/MAINTAIN STABILIZED CONSTRUCTION ENTRANCES AND PERIMETER CONTROLS AT LOCATIONS SHOWN ON PLANS, SEDIMENT AND EROSION CONTROL MEASURES MUST BE INSTALLED PRIOR TO EXCAVATION, STOCKPILE LOCATIONS WILL BE DETERMINED IN THE FIELD AS NEEDED AND WILL BE LOCATED WITH A PERMITTED AREA.
- SAW CUT PAVEMENT AND COMMENCE CONSTRUCTION. REMOVE EXISTING CURB, INLET, SIDEWALK AND PAVEMENT PER PLAN AS SHOWN.
- INSTALL STORMDRAIN AND GRADE SWALE ALONG YELLOW SPRINGS ROAD, STABILIZE ALL DITCHES AS THEY ARE CONSTRUCTED AND ADD INLET PROTECTION AS STRUCTURES ARE BROUGHT UP TO GRADE.
- ONCE PROPOSED PAVED AREAS ARE TO SUBGADE, BEGIN CURB INSTALLATION AND PAVING OPERATIONS. INSTALL ADA RAMPS AND SIDEWALK.
- INSTALL RETAINING WALLS ALONG YELLOWSPRINGS ROAD PER PLANS. AND FINE GRADE SLOPE AND SWALE AS NEEDED AND STABILIZE
- UPON COMPLETEION OF CONSTRUCTION, REMEDIATE DISTURBED AREAS TO PRE-CONSTRUCTION CONDITIONS OR BETTER.
- UPON APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR. REMOVE SEDIMENT CONTROL
 DEVICES AND STABILIZE AREAS DISTURBED BY THEIR REMOVAL.

SEDIMENT AND EROSION CONTROL NOTE SAMPLE

SEDIMENT & EROSION CONTROL NOTES

- ALL SOIL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE "2011 MARYLAND TANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL." AND THE PROVISIONS OF THE APPROVED PLAN.
- ALL GRADING AND STABILIZATION SHALL COMPLY WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, SECTION B — GRADING AND STABILIZATION" AND THE PROVISIONS OF THE APPROVED PLAN.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (BMP'S) ARE TO BE CONSTRUCTED AND/OR INSTALLED PRIOR TO OR AT THE INITIATION OF GRADING IN ACCORDANCE WITH "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND THE APPROVED PLAN.
- 4. A GRADING UNIT IS THE MAXIMUM CONTIGUOUS AREA ALLOWED TO BE GRADED AT A GIVEN TIME AND IS LIMITED TO 20 ACRES. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE SEDIMENT CONTROL INSPECTOR (APPROVAL AUTHORITY). UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.
- FOR INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, TEMPORARY OR PERMANENT STABILIZATION MUST BE COMPLETED WITHIN:
 - A) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
 - B) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
- STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 7 DAY STABILIZATION REQUIREMENT, AS WELL AS, STANDARD B—4—1 INCREMENTAL STABILIZATION AND STANDARD B—4—4 TEMPORARY STABILIZATION (AS APPLICABLE).
- ALL CONSTRUCTED CHANNELS AND SWALES SHALL HAVE SPECIFIED TREATMENT INSTALLED TO THE DESIGN FLOW DEPTH COMPLETED DOWNSTREAM TO UPSTREAM AS CONSTRUCTION PROGRESSES. AN INSTALLATION DETAIL SHALL BE SHOWN ON THE PLANS.
- ALL STORM DRAIN AND SANTARY SEWER LINES NOT IN PAVED AREAS ARE TO BE SEEDED AND MULCHED WITHIN 3 DAYS OF INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
- ELECTRIC POWER, TELEPHONE, AND GAS LINES ARE TO BE COMPACTED, SEEDED, AND MULCHED WITHIN 3 DAYS AFTER INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
- 10. NO SLOPE SHALL BE GREATER THAN 2:1.
- 11. DURING CONSTRUCTION, ALL SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED AFTER EACH RAINFALL AND REPAIRED IF NECESSARY. SEDIMENT TO BE REMOVED TO A SUITABLE DISPOSAL AREA AND STABILIZED WITH PERMANENT VEGETATIVE COVER.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL DISTURBED AREAS ARE STABILIZED.
- AFTER FINE GRADING, ALL DISTURBED AREAS ARE TO BE PERMANENTLY SEEDED AND MULCHED IN ACCORDANCE WITH PERMANENT SEEDING NOTES SHOWN HEREON.
- ALL SPOIL AND/OR BORROW MUST COME FROM AND GO TO A SITE WITH AN APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- CONTRACTOR TO ONLY OPEN UP LENGTH OF TRENCH THAT CAN BE CONSTRUCTED AND BACKFILLED IN ONE WORKING DAY IN PAYED AREAS.
- CONTRACTOR TO PLACE EXCAVATED MATERIALS IN A DUMP TRUCK AND HAUL TO AN APPROVED LOCATION TO WASTE MATERIALS IN PAVED AREAS.
- 17. IN AREAS WHERE THE CONSTRUCTION TAKES PLACE OUTSIDE OF THE EXISTING ROADBED, CONTRACTOR TO INSTALL SILT FENCE ALONG THE DOWNHILL SIDE OF THE TRENCH BEFORE BEGINNING CONSTRUCTION AND PLACE EXCAVATED MATERIAL FROM THE TRENCH ON THE UPHILL SIDE.
- IF DEWATERING OF THE TRENCH IS REQUIRED, CONTRACTOR TO PUMP WATER TO AN APPROVED DEWATERING DEVICE.
- CONTRACTOR TO SWEEP STREETS OF ANY DEBRIS OR SEDIMENTS CAUSED BY CONSTRUCTION OPERATIONS AND DISPOSE OF AT AN APPROVED LOCATION.
- CONTRACTOR TO STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH OR APPROPRIATE STREET REPAIR.

SEDIMENT CONTROL/STORMWATER MANAGEMENT REQUIRED INSPECTION SAMPLE

*********NOTICE******

THIS LIST IS FOR SEQUENCE OF CONSTRUCTION ONLY. THIS OFFICE ASSUMES NO RESPONSIBILITY OR LIABILITY FOR IMPROPER INSTALLATION OF ANY ITEM ON THIS CHECKLIST. THIS OFFICE RECCOMMENDS THAT A PROFESSIONAL ENGINEER BE PRESENT FOR EACH OF THE REQUIRED INSPECTIONS.

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SECTION SEED SECTION SECURITIES

UTILITY WORK AND SECONDARY UTILITY NOTES SAMPLE

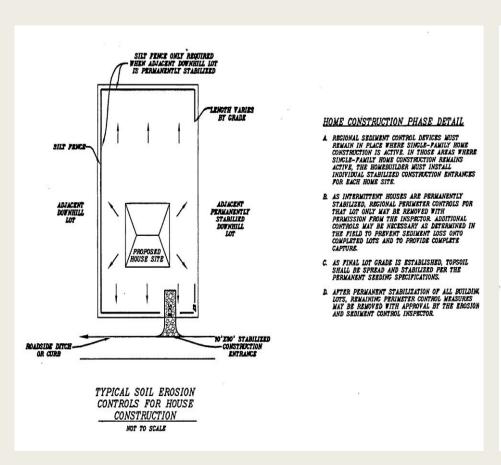
FOR UTILITY WORK ONLY OR FOR OFF-SITE UTILITY WORK

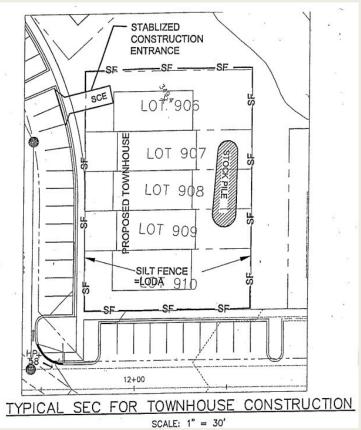
- 1. Disturbance outside of limit of disturbed area can not exceed 5,000 square feet.
- 2. Place all excavated material on high side of trench.
- 3. Only do as much work as can be done in one day so backfilling, final grading, seeding and mulching can occur.
- 4. Any sediment control measures disturbed by construction will be repaired the same day.

SECONDARY UTILITY NOTES

- All disturbances from secondary utilities such as phone, cable, electric cable, cable tv, etc.
 will be subcontractors' responsibility to bring work area back to grade level that was existing
 and seed and mulch any disturbance from installation of lines or conduit.
- Subcontractors will be responsible for re-installing or repairing any silt fence or sediment control that were existing to maintain proper sediment control that might have been damaged.

HOME CONSTRUCTION PHASE DETAIL SAMPLE





STANDARD DRAWING FOR ENGINEERING STRUCTURES OR REFERENCE TO SPECIFICATIONS

