

4857

Engineer Pickup Signature: _____
 Date: _____



Project Location: _____ City of Frederick _____ Frederick County
 Disturbed Acres: 4.03
 Urban Reviewer: Heather Hoteh-in
 Plan Status: APPROVED 7/19/25 UNACCEPTABLE
 Engineer Contact Name: _____ Date: _____

Sediment And Erosion Control Plan Review Checklist

This Checklist to be Completed by Design Professional In Charge

This checklist is intended to provide guidance to you as you prepare your design plans. The items on this checklist are some of the items that will be reviewed by Frederick County Soil Conservation staff. Please complete this checklist and submit it with a Sediment and Erosion Control plan.

Project Name: Daiseys Ridge Lots 1-5 & Remainder Lot 6 Date Submitted to SCD: 07/03/2025
 Engineer Firm: VanMar Engineer Incharge Name: Dhaval Patel
 Engineer Incharge Phone #: 301-829-2890 Email: dhaval@vanmar.com

APPROVED

Cover Sheet - Items that must be on first plan sheet

Engineer Incharge	SCD Reviewer	Item
		Title Block: Project name, property address and legal description (lots/blocks/subdivision, parcels, or other legal references.)
		Project Scope/Name: Examples - Sediment Control and SWM for [project name], Sediment Control for Demolition and Improvement Only, Sediment Control for Mass Grading Only for [project name].
		Owner/ Developer Certification: Name, address, phone number and signature
		Frederick County Soil Conservation District Signature Block: Lower 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 within this table to include, SCD, MDE Water Resource 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 Maryland Registered Professional Engineer (PE), Maryland Land Surveyor, Maryland Landscape Architect or Maryland Architect. Provide Digital Seal and Signature per State and County requirements. Seal only required to be on the first sheet. Provide date signed and expiration date. Plans requiring Small Pond or Dam Safety approval can only be sealed by a Maryland PE.
		Certification of the Disturbed Area Quantity Block: Include cubic yards of excavation and fill with disturbed square feet or acres.
		Property Information/General Notes: Project summary description, statement regarding 100 year floodplain and wetlands. Waterway Class, Stream restriction period. List other plan that are connected to submitted plan; example mass grading, improvement plan phases.

Sediment Control - Plan Views

Engineer Incharge	SCD Reviewer	Item
		Scale: All plan views, profiles and sections. Use legible engineer's scale appropriate for complexity of plan such as 1" = 30' but never smaller than 1" = 50'. Include a bar scale to assist with future document reproduction. If the reviewer cannot read the plans at the scale provided, it may be required to be resubmitted at an appropriate scale.
		Property: Project's property lines and ROW lines dark and clearly identified. Owner information shown for all adjacent properties. Delineate and label ROW to be dedicated when applicable. Include name of adjacent property owner(s).
		North Arrow: On all plan views, including insets and larger scale plan views.
		Existing Topography and Proposed Grades: Shown and clearly labeled. Show sufficient topography on adjacent properties to support the design including Limits of Disturbance (LOD) and drainage impacts. As adjacent properties are typically not accessible by survey crews, utilize readily available public sources when off-site field topography is not available. Existing and proposed contours at 2' intervals are typical. Sufficient spot grades to support drainage areas, divides and flow patterns. Label low points (LP) and high points (HP) with spot elevations.
		Existing Conditions: Show all existing improvements such as buildings, pavement, curb and gutter, sidewalks, storm drain (size and material), stormwater management facilities, water and sewer, dry utilities, and trees, etc. and identify with a legend and/or labels. Indicate if improvements are to remain, to be removed or to be abandoned in place. Show flow arrows on proposed storm drain and SWM pipes. Label roads as public or private. Show and label all SWM measures on SC Plan. Clarify previous and impervious surfaces. Do not show individual hardscape patterns on plan views. Show door locations and critical floor elevations. Do not show interior architectural layout unless critical to the review. Show all well, septic and geothermal wells with setbacks.
		Proposed Improvements: Show all proposed improvements such as buildings, pavement, curb and gutter, sidewalks, storm drain (size and material), stormwater management facilities, water and sewer, dry utilities, and trees, etc. and identify with a legend and/or labels. Show building limits and outline and label limits of underground garages. Show flow arrows on proposed storm drain and SWM pipes. Label roads as public or private. Show and label all SWM measures on SC Plan. Clarify previous and impervious surfaces. Do not show individual hardscape patterns on plan views. Show door locations and critical floor elevations. Do not show interior architectural layout unless critical to the review. Show all well, septic and geothermal wells with setbacks.
		Easements: Show and label all existing and proposed easements, such as SWM, PUE's, PIE's, public and private Storm Drain, Forest Conservation and WSSC. Provide recording information if available
		Maximum Slopes on Lots: Permanent cut and fill slopes constructed on residential lots may not exceed 3:1. Non-residential properties may not exceed 2:1 slope. Clearly label all slopes.
		Slope Benching: Shown and designed per MDE requirements and detail. Benching is required for slopes as follows: 2:1 slopes higher than 20 feet; 3:1 slopes higher than 30 feet and 4:1 slopes higher than 40 feet.
		USDA Soil Survey Information: Delineated and labeled with Map Units
		Limit of Disturbance (LOD): Delineate and label. LOD includes all disturbed areas on the site, in the ROW and on adjacent properties.
		Sediment and Erosion Control Devices: Show all Sediment Control devices using standard symbols as established by the 2011 Maryland Standard and Specification for Soil Erosion and Sediment Control manual. Provide SC legend on all SC plan views. Clearly highlight any proposed modifications to the details or special conditions. All sediment control practices must be within the LOD and used per the 2011 Maryland Standards and Specification for Soil Erosion and Sediment Control manual.
		Stabilized Construction Entrance: Required for all projects, shown on SC plan view and mentioned in the SOC. If there is multiple stabilized construction entrances, number each according.
		Drainage Divides for SC: Delineate and label existing and proposed drainage divides on SC plan view sheets when applicable to review of SC measures such as traps and basins.
		Stockpiling, Staging, and Storage Area: Staging, material storage and stockpiling area(s) shown or noted to be on the site and within the LOD. Provide SC and slope benching as necessary.
		Off-Site Drainage Areas: Off-site drainage areas draining towards the project's LOD shown and acreage noted on the SC plan view. Provide a smaller scale inset to support the acreage if necessary.
		Environmental Features: Delineate and label environmental features that may impact SC and/or SWM such as stream valley buffers, steep slopes (>15%) and wetlands (including 25-foot buffer.)