



APPROVED
Department of Permitting Services
Permit # **SEDIMENT-295787**
Date **4/2/2025**
Stamped By: Mark Etheridge

STANDARD EROSION AND SEDIMENT CONTROL NOTES

March 2024

1. The permittee shall notify the Department of Permitting Services (DPS) forty-eight (48) hours before commencing any land disturbing activity and, unless waived by the Department, shall be required to hold a pre-construction meeting between them or their representative, their engineer and an authorized representative of the Department.

2. The permittee must obtain inspection and approval by DPS at the following points:

A. At the required pre-construction meeting.

B. Following installation of sediment control measures and prior to any other land disturbing activity.

C. During the installation of a sediment basin or stormwater management structure at the required inspection points (see Inspection Checklist on plan). Notification prior to commencing construction is mandatory.

D. Prior to removal or modification of any sediment control structure(s).

E. Prior to final acceptance.

3. The permittee shall construct all erosion and sediment control measures per the approved plan and construction sequence, shall have them inspected and approved by the Department prior to beginning any other land disturbances, shall ensure that all runoff from disturbed areas is directed to the sediment control devices, and shall not remove any erosion or sediment control measure without prior permission from the Department.

4. The permittee shall protect all points of construction ingress and egress to prevent the deposition of materials onto traversed public thoroughfare(s). All materials deposited onto public thoroughfare(s) shall be removed immediately.

5. The permittee shall inspect periodically and maintain continuously in effective operating condition, all erosion and sediment control measures until such times as they are removed with prior permission from the Department. **The permittee is responsible for immediately repairing or replacing any sediment control measures which have been damaged or removed by the permittee or any other person.**

6. Following initial soil disturbance or re-disturbance, permanent or temporary 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. All areas disturbed outside of the perimeter sediment control system must be minimized and stabilized immediately. Maintenance must be performed as necessary to ensure continued stabilization.

7. The permittee shall apply "sod, seed, and anchored straw mulch, or other approved stabilization measures to all disturbed areas within seven (7) calendar days after stripping and grading activities have ceased on that area. Maintenance shall be performed as necessary to ensure continued stabilization. Active construction areas, such as borrow or stockpile areas, roadway improvements, and areas within fifty (50) feet of a building under construction may be exempt from this requirement, provided that erosion and sediment control measures are installed and maintained to protect those areas.

8. Prior to removal of sediment control measures, the permittee shall stabilize all contributory disturbed areas with required soil amendments and topsoil, using sod or an approved permanent seed mixture and an approved anchored mulch. Wood fiber mulch may only be used in seeding season when the slope does not exceed 10% and grading has been done to promote sheet flow drainage. Areas brought to finished grade during the seeding season shall be permanently stabilized within seven (7) calendar days of establishment. When property is brought to finished grade during the months of November through February, and permanent stabilization is found to be impractical, an approved temporary seed and straw anchored mulch shall be applied to disturbed areas. The final permanent stabilization of such property shall be completed prior to the following April 15.

9. The site permit, work, materials, approved SC/SM plans, and test reports shall be available at the site for inspection by duly authorized officials of Montgomery County.

10. Surface drainage flows over unstabilized cut and fill slopes shall be controlled by either preventing drainage flows from traversing the slopes or by installing mechanical devices to lower the water down slope without causing erosion. Dikes shall be installed and maintained at the top of cut or fill slopes until the slope and drainage area to it are fully stabilized, at which time they must be removed and final grading done to promote sheet flow drainage. Mechanical devices must be provided at points of concentrated flow where erosion is likely to occur.

11. Permanent swales or other points of concentrated water flow shall be stabilized within 3 calendar days of establishment with "sod or seed with an approved erosion control matting or by other approved stabilization measures.

12. Sediment control devices shall be removed, with permission of the Department, within thirty (30) calendar days following establishment of permanent stabilization in all contributory drainage areas. Stormwater management structures used temporarily for sediment control shall be converted to the permanent configuration within this time period as well.

13. No permanent cut or fill slope with a gradient steeper than 3:1 will be permitted in lawn maintenance areas or on residential lots. A slope gradient of up to 2:1 will be permitted in non-maintenance areas provided that those areas are indicated on the erosion and sediment control plan with a low-maintenance ground cover specified for permanent stabilization. Slope gradient steeper than 2:1 will not be permitted with vegetative stabilization.

14. The permittee shall install a splashblock at the bottom of each downspout unless the downspout is connected by a drain line to an acceptable outlet.

15. For finished grading, the permittee shall provide adequate gradients so as to prevent water from standing on the surface of lawns more than twenty-four (24) hours after the end of a rainfall, except in designated drainage courses and swale flow areas, which may drain as long as forty-eight (48) hours after the end of a rainfall.

16. Sediment traps or basins are not permitted within 20 feet of a building which is existing or under construction. No building may be constructed within 20 feet of a sediment trap or basin.

17. All inlets in non-sump areas shall have asphalt berms installed at the time of base paving establishment.

18. The sediment control inspector has the option of requiring additional sediment control measures, as deemed necessary.

19. All trap elevations are relative to the outlet elevation, which must be an existing undisturbed ground.

20. *Vegetative stabilization shall be performed in accordance with the Standards and Specifications for Soil Erosion and Sediment Control.

21. Sediment trap(s)/basin(s) shall be cleaned out and restored to the original dimensions when sediment has accumulated to the point of one-half (1/2) the wet volume of the trap/basin (1/4 the wet storage depth for ST-III) or when required by the sediment control inspector.

22. Sediment removed from trap/basins shall be placed and stabilized in approved areas, but not within a floodplain.

23. All sediment basins and traps must be surrounded with a welded wire safety fence. The fence must be at least 42 inches high, have posts spaced no farther apart than 8 feet, have mesh openings no greater than two inches in width and four inches in height, with a minimum of 14 gauge wire. Safety fence must be maintained in good condition at all times.

24. No excavation in the areas of existing utilities is permitted unless their location has been determined. Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work.

25. Off-site spoil or borrow areas must have prior approval by DPS.

26. Sediment trap/basin dewatering for cleanup or repair may only be done with the DPS inspector's permission. The inspector must approve the dewatering method for each application. The following methods may be considered:

A. Pump discharge may be directed to another on-site sediment trap or basin, provided it is of sufficient volume and the pump intake is floated to prevent agitation or suction of deposited sediments; or

B. the pump intake may utilize a Removable Pumping Station and must discharge into an undisturbed area through a non-erosive outlet; or

C. the pump intake may be floated and discharge into a Dirt Bag (12 oz. non-woven fabric), or approved equivalent, located in an undisturbed buffer area.

Remember: Dewatering operation and method must have prior approval by the DPS inspector.

27. The permittee must notify the Department of all utility construction activities within the permitted limits of disturbance prior to the commencement of those activities.

28. *Topsoil must be applied to all previous areas within the limits of disturbance prior to permanent stabilization in accordance with MDE "Standards and Specifications for Soil Preparation, Topsoiling, and Soil Amendments".

*Class of turfgrass sod must be Maryland State Certified. Sod labels must be made available to the job foreman and the Sediment Control Inspector.

CONSTRUCTION INSPECTION
CHECK-OFF LIST FOR MICRO INFILTRATION TRENCH

MANDATORY NOTIFICATION: Inspection and approval of each practice is required at these points prior to proceeding with construction. The permittee is required to give the MCDCPS Inspector twenty-four (24) hours notice (DPS telephone 240-777-0311). The DPS inspector may waive an inspection, and allow the owner/developer to make the required inspection per a prior scheduled arrangement which has been confirmed with the DPS inspector in writing. Work completed without MCDCPS approval may result in the permittee having to remove and reconstruct the unapproved work. The permittee must maintain a "record set" of approved SC/SM plans on site at all times. Upon completion of the project, a formal Stormwater Management As-Built must be submitted to MCDCPS unless a Record Drawing Certification has been allowed instead. Each of the steps listed below must be verified by either the MCDCPS Inspector OR the Owner/Developer.	MCDCPS INSPECTOR INITIALS/DATE	OWNER/DEVELOPER INITIALS/DATE
1. Excavation for Micro Infiltration Trench conforms to approved plans		
2. Placement of backfill conforms to approved plans		
3. Placement of geotextiles and filter media conforms to approved plans		
4. Final grading and permanent stabilization conforms to approved plans		

TOTAL NUMBER OF MICRO INFILTRATION TRENCHES INSTALLED PER THIS PERMIT: APPROVED # CONSTRUCTED

CONSTRUCTION INSPECTION
CHECK-OFF LIST FOR DRY WELL/RECHARGE CHAMBER

MANDATORY NOTIFICATION: Inspection and approval of each practice is required at these points prior to proceeding with construction. The permittee is required to give the MCDCPS Inspector twenty-four (24) hours notice (DPS telephone 240-777-0311). The DPS inspector may waive an inspection, and allow the owner/developer to make the required inspection per a prior scheduled arrangement which has been confirmed with the DPS inspector in writing. Work completed without MCDCPS approval may result in the permittee having to remove and reconstruct the unapproved work. The permittee must maintain a "record set" of approved SC/SM plans on site at all times. Upon completion of the project, a formal Stormwater Management As-Built must be submitted to MCDCPS unless a Record Drawing Certification has been allowed instead. Each of the steps listed below must be verified by either the MCDCPS Inspector OR the Owner/Developer.	MCDCPS INSPECTOR INITIALS/DATE	OWNER/DEVELOPER INITIALS/DATE
1. Excavation for Drywell conforms to approved plans		
2. Placement of backfill, perforated inlet pipe and observation well conforms to approved plans		
3. Placement of geotextile and filter media conforms to approved plans		
4. Connecting pipes, including connection to downspout, constructed per the approved plans		
5. Final grading and permanent stabilization conforms to approved plans		

TOTAL NUMBER OF DRY WELLS INSTALLED PER THIS PERMIT: APPROVED # CONSTRUCTED

Runoff Statement:

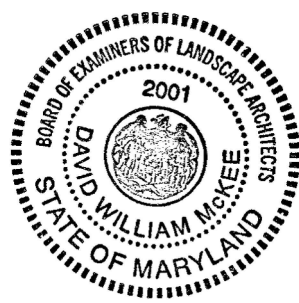
I understand the DPS approval of this sediment control / stormwater management plan is for demonstration compliance with required environmental runoff treatment standards. This DPS sediment control / stormwater management plan approval does not relieve me of professional responsibility. I have analyzed the proposed design for sediment control permit no. 295787 and hereby state that, based upon my background, training and experience, I have determined that the proposed improvements shown on this plan meet relevant laws and regulations. I further acknowledge that I have analyzed the post-development drainage patterns for this project from the standpoint of my responsibilities under the current Maryland Law and have determined that if permission is required from adjacent property owners, it has been obtained and copies of those permissions have been made available to DPS.

Signature _____ Date 03/21/2025
Engineer Signature _____
David W. McKee, RLA
Printed Name _____

Professional Certification:

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed landscape architect registered to practice in the State of Maryland.

Signature _____ Date 03/21/2025 Exp. Date 10/21/2026



Digitally signed by David William McKee
Date: 2025.04.01 10:18:33 -0400

The Permittee must contact the sediment control area inspector for a preconstruction meeting 48 hours prior to the commencement of any land disturbing or construction activities.

SITE NOTES:
Property Size : 2.19 Acres (95,396 Square Feet)
Zoning - RE-2
Watershed - Cabin John Creek (Use Class I-P)
Property Description - Lot 28, Block C of Kentsdale Estates
Type of Development: New Development

SHEET INDEX:
1. Notes, SC Details , Approval Blocks, Sequence of Construction
2. Plan View
3. SM Computations, SM Details

SEQUENCE OF CONSTRUCTION

- Prior to clearing trees, installing sediment control measures, or grading, a pre-construction meeting must be conducted on-site with the Montgomery County Department of Permitting Services (MCDCPS). Sediment control inspector (240) 777-0311 (48 hours notice) and the MNCPPC Planning Department, Plans Enforcement inspector (301) 495-4550 (48 hours notice), the Owner's representative, and the Site Engineer. In order for the meeting to occur, the applicant must provide one paper set of approved sediment control plans and the approved roadside tree protection plan to the MCDCPS sediment control inspector at the pre-construction meeting. If no plans are provided, the meeting shall not occur and will need to be rescheduled prior to commencing any work.
- The limits of disturbance must be field marked prior to clearing of trees, installation of sediment control measures, construction, or other land disturbing activities.
- Clear and grade for installation of sediment control devices.
- Install tree protection fencing and conduct root pruning as shown on plans or per the MNCPPC Planning Department Inspector.
- Install sediment control devices which include the stabilized construction entrance (SCE) and super silt fence (SSF).
- Once the sediment control devices are installed, the permittee must obtain written approval from the MCDCPS inspector before proceeding with any additional clearing, grubbing or grading.
- Commence with building construction starting with excavation and subsequent construction of the foundation for the house, pool house and appurtenances.
- Construct any retaining walls needed.
- Commence with installation of utilities.
- Fine grade the site so disturbed areas can be stabilized. Commence with driveway installation.
- All pervious areas must be topsoiled per the Erosion and Sediment Control Notes.
- As construction begins completion, install drywells and micro infiltration trenches. Devices must be protected from all sediment until contributing areas are stabilized.
- Prior to the removal of any sediment control device permittee must obtain written approval from MCDCPS inspector.
- Provide the inspector with a copy of the plan with the signed Record Drawing and Check-Off List.

OWNER'S/DEVELOPER'S CERTIFICATION

I/we hereby certify that all grading, construction, and/or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources approved training program for the control of sediment and erosion before beginning the project.

Signature _____ Date 03/21/2025
Pragna Patel, Sri Dwarkadhish Trust

DESIGN CERTIFICATION

I hereby certify that this plan has been prepared in accordance with the "2011 Maryland Standards and Specification for Sediment and Erosion Control." Montgomery County Department of Permitting Services Executive Regulations 5-90, 36-90 and 7-02m, and Montgomery County Department of Public Works and Transportation "Storm Drain Design Criteria" dated April 2008.

Signature _____ Date 03/21/2025
Design Engineer Signature
David W. McKee, RLA
Printed Name _____ Registration Number 2001

CERTIFICATION OF THE QUANTITIES

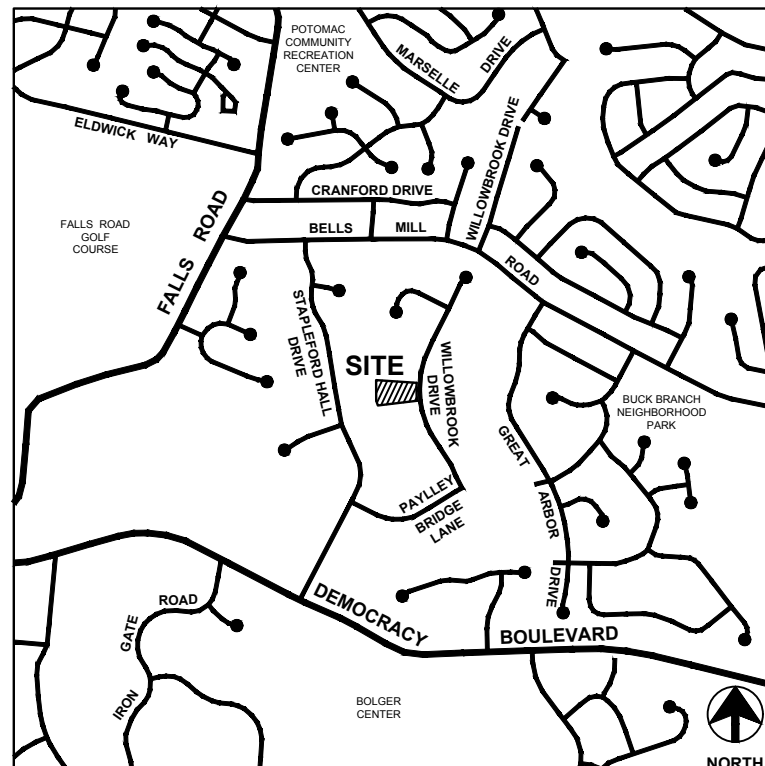
I hereby certify that the estimated total amount of excavation and fill as shown on these plans has been computed to be 3,850 cubic yards of excavation, 1,000 cubic yards of fill, and the total area to be disturbed as shown on these plans has been determined to be 47,970 square feet.

Signature _____ Date 03/21/2025
David W. McKee, RLA
Printed Name and Title _____ Registration Number 2001

MISS UTILITY

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work. The excavator must notify all public utility companies with underground facilities in the area of proposed excavation and have those facilities located by the utility companies prior to commencing excavation. The excavator is responsible for compliance with requirements of Chapter 56A of the Montgomery County Code.

PREPARED FOR:
Sri Dwarkadhish Trust
c/o John C. Robinson, Esq.
Sims & Campbell, LLC
500 York Road
Towson, MD 21204
(410) 828-7775



VICINITY MAP
SCALE: 1" = 2,000'

TREE CANOPY REQUIREMENTS TABLE

To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Management plan set for all projects. A fee in lieu of planting will be charged for any required canopy trees that are not planted.

Exempt: Yes ☒ No ☐ If exempt under Section 55-5 of the Code, please check the applicable exemption category below.

Total Property Area	Total Disturbed Area
95,396 square feet	47,970 square feet

Shade Trees Required	Shade Trees Proposed to be Planted
0	0

Number of Trees Requiring Payment of a Fee In Lieu (Trees Required - Trees Planted)
0 Trees

Required Number of Shade Trees		
Area (sq. ft.) of the Limits of Disturbance	Number of Shade Trees Required	
FROM	TO	
1	6,000	3
6,001	8,000	6
8,001	12,000	9
12,001	14,000	12
14,001	40,000	15

If the square footage of the limits of disturbance is more than 40,000, then the number of shade trees required must be calculated using the following formula:

(Number of Square Feet in Limits of Disturbance ÷ 40,000) x 15

EXEMPTION CATEGORIES:

- ☒ 55-5(a) any activity that is subject to Article II of Chapter 22A.
- ☐ 55-6(b) any commercial logging or timber harvesting operation with an approved exemption from Article II of Chapter 22A.
- ☐ 55-6(f) any activity conducted by the County Parks and Recreation Department for the purpose of maintaining an existing access road, if the person performing the maintenance has obtained all required permits.
- ☐ 55-6(h) any stream restoration project if the person performing the work has obtained all necessary permits.
- ☐ 55-6(i) cutting or clearing any tree to comply with applicable provisions of any federal, state, or local law governing safety of dams.
- ☐ 55-6(j) routine or emergency maintenance of an existing stormwater management facility, including an existing access road, if the person performing the maintenance has obtained all required permits.
- ☐ OTHER: Specify per Section 55-5 of the Code.

RECORD DRAWING CERTIFICATION

* A record set of approved Sediment Control/Stormwater management plans must be maintained on-site at all times. In addition to stormwater management items, these plans must include the number and location of all trees proposed to be planted to comply with the Tree Canopy Law. Any approved modifications or deletions of stormwater practices or tree canopy plantings or information must be shown on this record set of plans and on the Tree Canopy Requirements table. Upon completion of the project, the record set of plans, including the signed Record Drawing Certification, must be submitted to the MCDCPS inspector. In addition to this Record Drawing Certification, a formal Stormwater Management As-Built submission [] is required is [] not required for this project.

If this project is subject to a Stormwater Management Right of Entry and Maintenance Agreement, that document is recorded in Montgomery County Land Records at: Liber 38777 Folio 384. This Record Drawing will serve as referenced in the recorded document.

A formal Stormwater Management As-Built submission is not required for this project. This record drawing accurately and completely represents the stormwater management practices and tree canopy plantings as they were constructed or planned. All stormwater management practices were constructed per the approved Sediment Control / Stormwater Management plans or subsequent approved revisions.

Owner / Developer Signature _____ Date _____

FIELD CHECK OF RECORD DRAWING BY MCDCPS INSPECTOR: INITIALS _____ DATE: _____

RELATED REQUIRED PERMITS

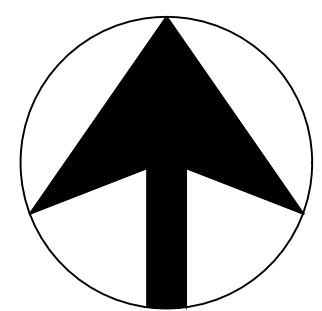
IT IS THE RESPONSIBILITY OF PERMITTEE/OWNER OF THIS SITE TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE SEDIMENT CONTROL PERMIT				
TYPE OF PERMIT	REQD.	NOT REQD.	PERMIT #	EXPIRATION DATE
MCDCPS Floodplain District				
WATERWAYS/WETLANDS:				
a. Corps of Engineers				
b. MDE				
c. MDE Water Quality Certification				
MDE Dam Safety				
*DPS Roadside Tree Protection Plan			406584	APPROVAL DATE 12/18/2024
**N.P.D.E.S. (Notice of Intent)				
FEMA LOMR (Required Post Construction)				
Others (Please List)				

* A copy of the approved Roadside Tree Protection Plan must be delivered to the sediment control inspector at the pre-construction meeting. ** When a Notice of Intent is required, the sediment control permit may not be issued until confirmation of authorization under the MDE's 20-CP permit has been submitted to DPS.

TECHNICAL REVIEW OF SEDIMENT CONTROL		ADMINISTRATIVE REVIEW	
REVIEWED	DATE	REVIEWED	DATE
DENIS CEFKO 4/1/2025		DENIS CEFKO 4/1/2025	
TECHNICAL REVIEW OF STORMWATER MANAGEMENT		SMALL LOT DRAINAGE APPROVAL	
REVIEWED	DATE	NA: H OR	
DENIS CEFKO 4/1/2025			
SEDIMENT CONTROL PERMIT NO.			
295787			
SM. FILE NO.			
N/A			
MCDCPS APPROVAL OF THIS PLAN WILL EXPIRE TWO YEARS FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED.		NOTE: MCDCPS APPROVAL DOES NOT NEGATE THE NEED FOR A MCDCPS ACCESS PERMIT.	
		ESD to the MEP, full ESD	

Revisions

Rev	03-21-25



date: 12/02/2024

scale:

Benning & Associates, Inc.
1000 Shady Grove Court
Gaithersburg, MD 20877
(301) 948-0240



SEDIMENT CONTROL / STORMWATER MANAGEMENT PLAN
KENTSDALE ESTATES - Lot 28, Block C
10604 Willowbrook Drive
Election District 10
Montgomery County, Maryland

WSSC GRID 213NW09

TAX MAP FP963

MCDCPS PERMIT NO. 295787

SHEET 1 OF 3