P:\2022\220234\_\_9932 Logan Drive\6 drawings\220234\_SCP-V2.dwg, 12/28/2023 2:43:58 PM, smf, © 2023 CAS Engineering and CAS Engineering-DC, LLC

## STANDARD EROSION AND SEDIMENT CONTROL NOTES

- 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.
- The permittee must obtain inspection and approval by DPS at the following points:
- At the required pre-construction meeting.
- Following installation of sediment control measures and prior to any other land disturbing activity. 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.
- Prior to removal or modification of any sediment control structure(s). Prior to final acceptance.
- 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.
- 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. The permittee shall inspect periodically and maintain continuously in effective operating condition, all erosion and sediment control measures until such time as they are removed with prior permission from the Department. The permittee
- removed by the permittee or any other person. 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

is responsible for immediately repairing or replacing any sediment control measures which have been damaged or

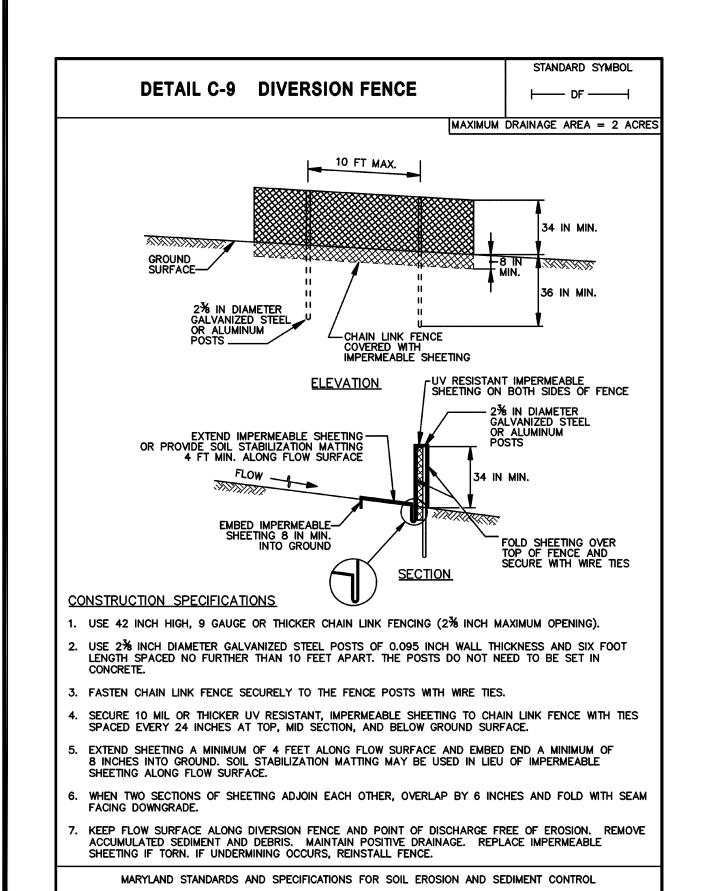
- steeper than 3 horizontal to 1 vertical (3:1); and b. Seven (7) calendar days as to all other disturbed or graded areas on the project site not under active grading. All areas disturbed outside of the perimeter sediment control system must be minimized and stabilized immediately.
- maintenance must be performed as necessary to ensure continued stabilization. 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

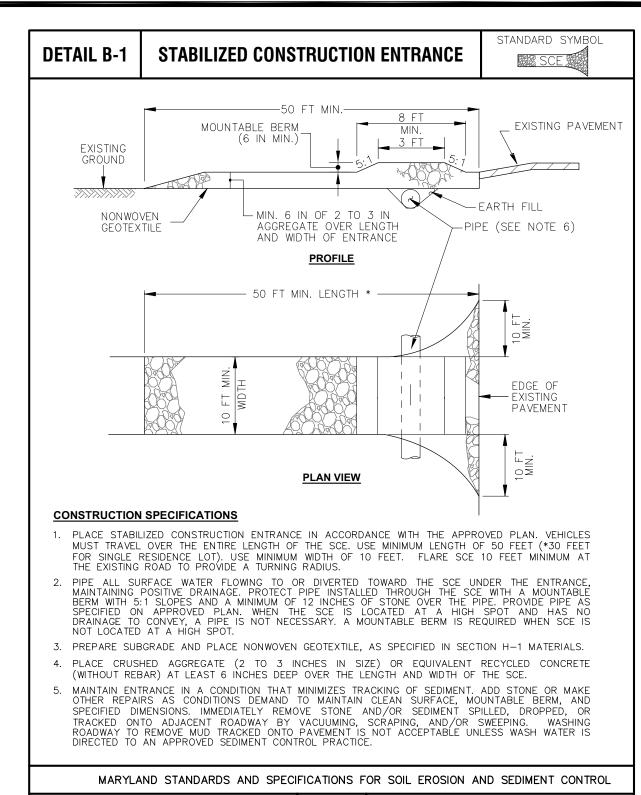
- requirement, provided that erosion and sediment control measures are installed and maintained to protect those areas. Prior to removal of sediment control measures, the permittee shall stabilize all contributory disturbed areas with required soil amendments and topsoil, using sod or an approved permanent 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. The site permit, work, materials, approved SC/SWM plans, and test reports shall be available at the site for inspection by duly authorized officials of Montgomery County.
- . 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.
- 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.
- 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.
- 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
- 5. 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.
- 6. 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.
- All inlets in non-sump areas shall have asphalt berms installed at the time of base paving establishment.
- 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 on existing undisturbed ground.
- 20. Vegetative stabilization shall be performed in accordance with the standards and specifications for soil erosion and sediment control.
- 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 storage depth of the trap/basin (1/4 the wet storage depth for ST-III) or when required by the sediment control inspector.
- Sediment removed from traps/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 the 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.

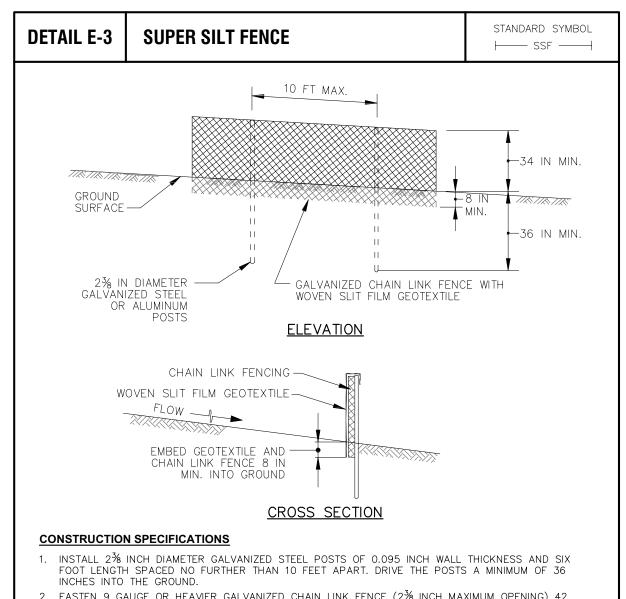
U.S. DEPARTMENT OF AGRICULTURE FURAL RESOURCES CONSERVATION SERVICES

- 26. Sediment trap/basin dewatering for cleanout or repair may only be done with the DPS inspector's permission. The inspector must approve the dewatering method for <u>each</u> 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
- 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.
- The permittee must notify the Department of all utility construction activities within the permitted limits of disturbance prior to the commencement of those activities.
- Topsoil must be applied to all pervious areas within the limits of disturbance prior to permanent stabilization in accordance with MDE "Standards and Specifications for Soil Preparation, Topsoiling, and Soil Amendments".



MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

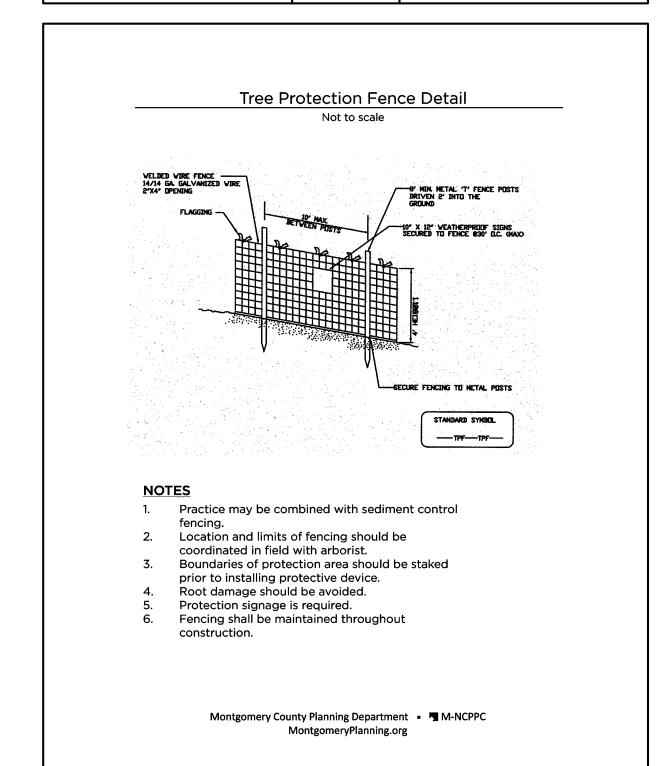


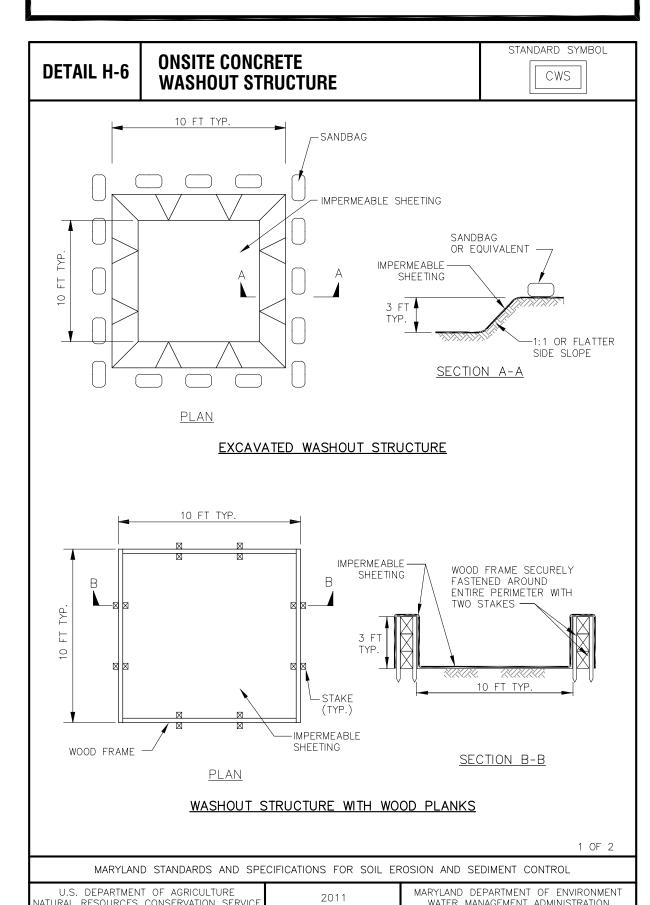


- 2. FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2¾ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND. . WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES,
- FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS. . EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE
- PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS,

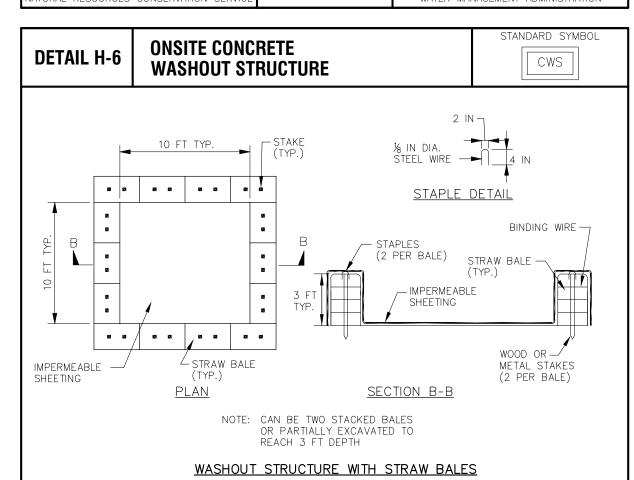
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.





APPROVED
Department of Permitting Services
Permit # SEDIMENT-290228

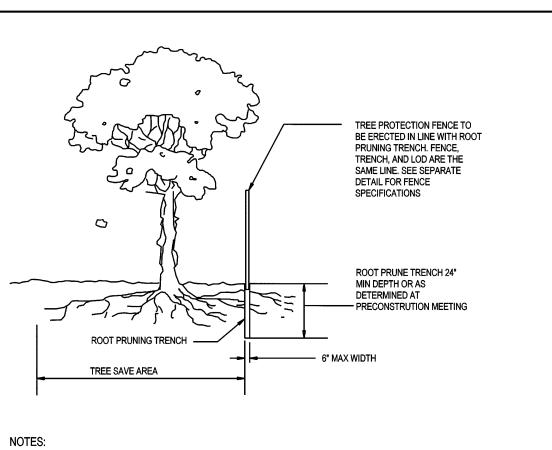


- CONSTRUCTION SPECIFICATIONS
- LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND
- MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER, FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
- PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE

DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL MARYLAND DEPARTMENT OF ENVIRONME WATER MANAGEMENT ADMINISTRATION

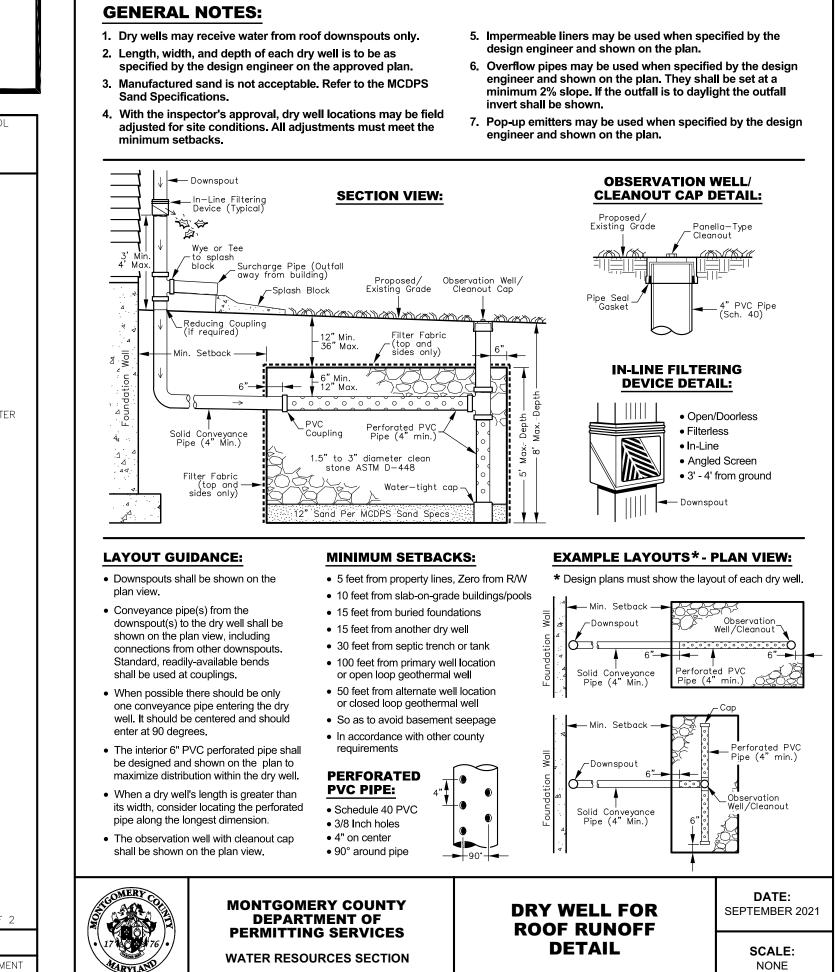


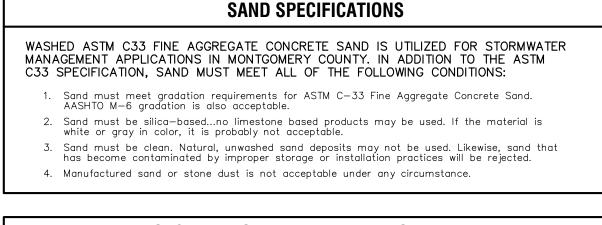
1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRECONSTRUCTION 2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRECONSTRUCTION MEETING AND FLAGGED PRIOR TO TRENCHING. 3. EXACT LOCATION OF TRENCH SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FOREST CONSERVATION (FC) INPECTOR.

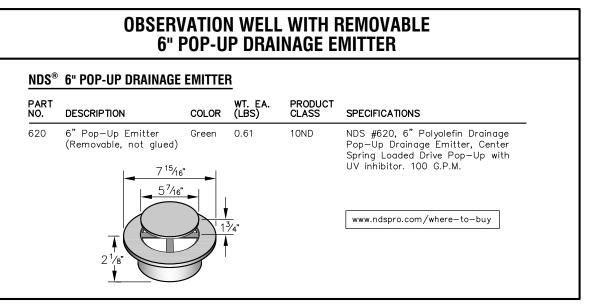
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FC INSPECTOR. 5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE

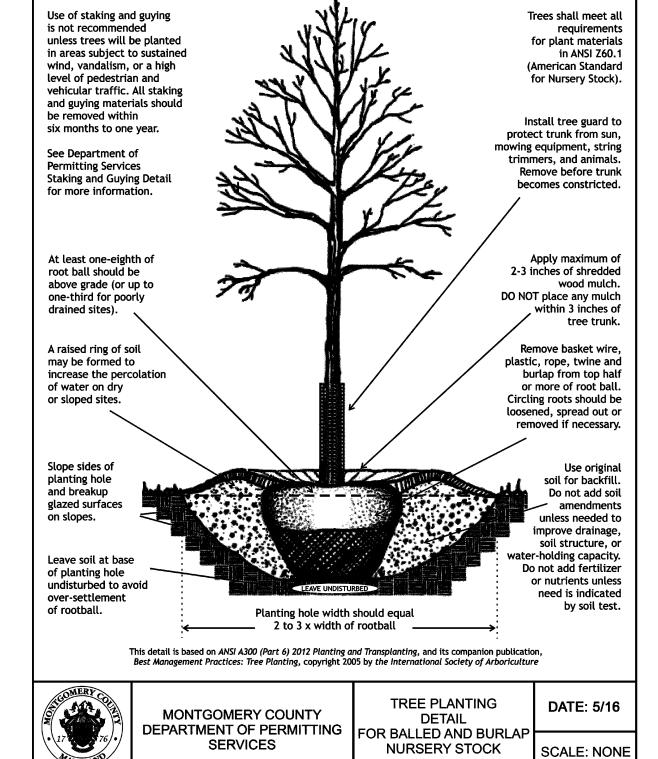
EQUIPMENT. 6. ALL PRUNING MUST BE EXECUTED WITH LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FC INSPECTOR.

ROOT PRUNING DETAIL









## **DESIGN CERTIFICATION**

PRINTED NAME AND TITLE

I hereby certify that this plan has been prepared in accordance with the "2011 Maryland Standards and Specification for Soil Erosion and Sediment Control," Montgomery County Department of Permitting Services Executive Regulations 5-90, 7-02AM and 36-90, and Montgomery County Department of Public Works

and Transportation "Storm Drain Design Criteria" dated August 1988. CURT A. SCHREFFLER, P.E. No. 19568

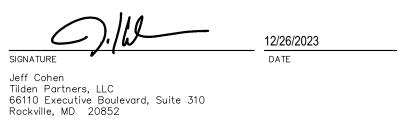
**CERTIFICATION OF THE QUANTITIES** 

I hereby certify that the estimated total amount of excavation and fill as shown on these plans has been computed to 1,100 cubic yards of excavation, 400 cubic yards of fill and the total area to be disturbed as shown on these plans has been determined to be 29,600 square feet.

CURT A. SCHREFFLER, P.E. No. 19568 REGISTRATION NUMBER

OWNER/DEVELOPER CERTIFICATION

I/We hereby certify that all clearing, 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.



9932 Logan Drive Lot 3, Block F, Williamsburg Estate **Building Permit Site Plan,** Stormwater Management Plan, and Sediment Control Plan

Sheet to Tilden Partners, LL 1/29/23 SMF - SCP Uploaded to ePlans for Initial Plan Review by MCDPS-WR 12/28/23 JMO - SCP Uploaded for Final Approval by MCDPS-WRS.

CAS JOB NO.:

1/16/23 SMF - Building Permit Site Plan Base

DATE REVISION

12/2023



PROFESSIONAL ENGINEER CERTIFICATION I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 19568,

CURT A. SCHREFFLER. PE

expiration date 3/8/2024, and that this plan meets MCDPS criteria for building and sediment control permit applications.

**ENGINEERING** 

**CAS ENGINEERING-MD** 10 South Bentz Street Frederick, Maryland 21701 301-607-8031 Phone www.casengineering.com

CAS ENGINEERING-DC, LLC 4836 MacArthur Boulevard, NW, 2nd Floor Washington, DC 20007 202-393-7200 Phone info@cas-dc.com

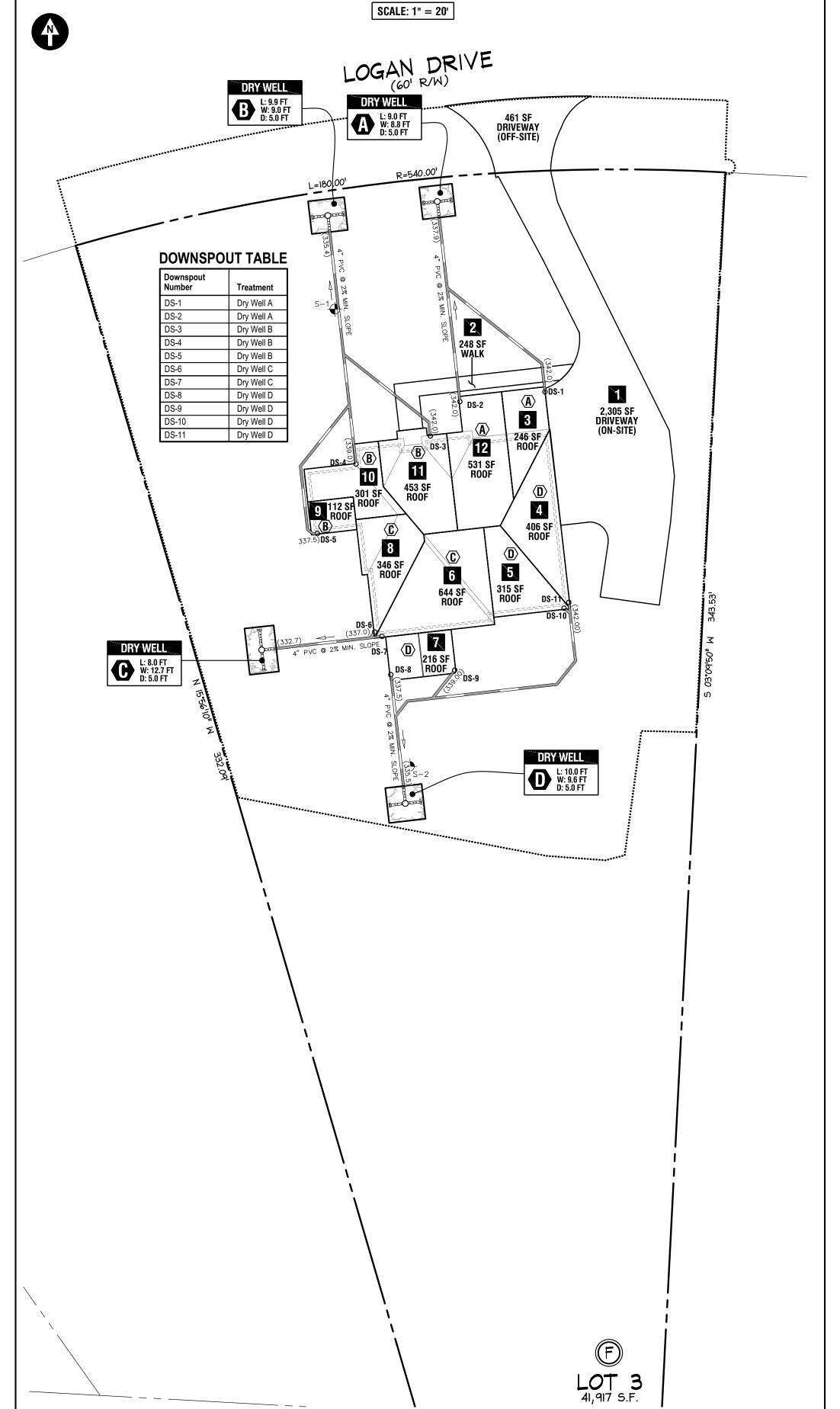
0" 0.5" 1.0" 1.5" NOT TO SCALE OR AS NOTED

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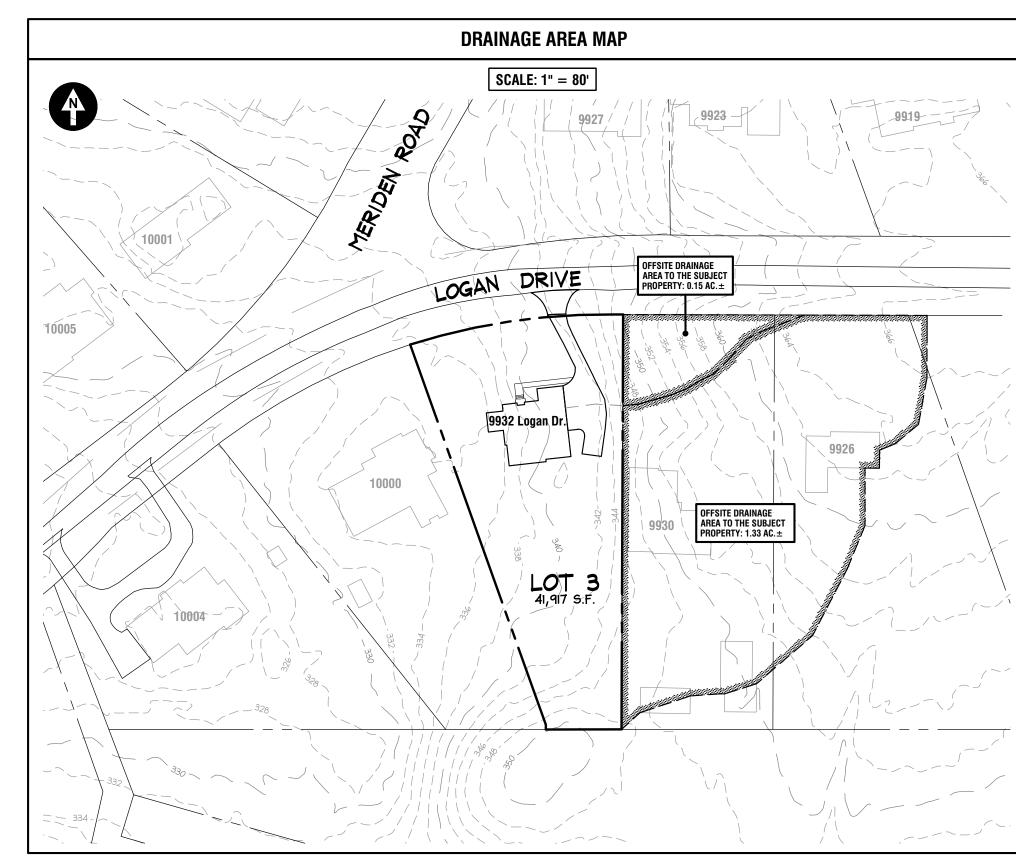
SHEET TITLE: **Building Permit Site Plan,** SWM Plan, and **Sediment Control Plan** 

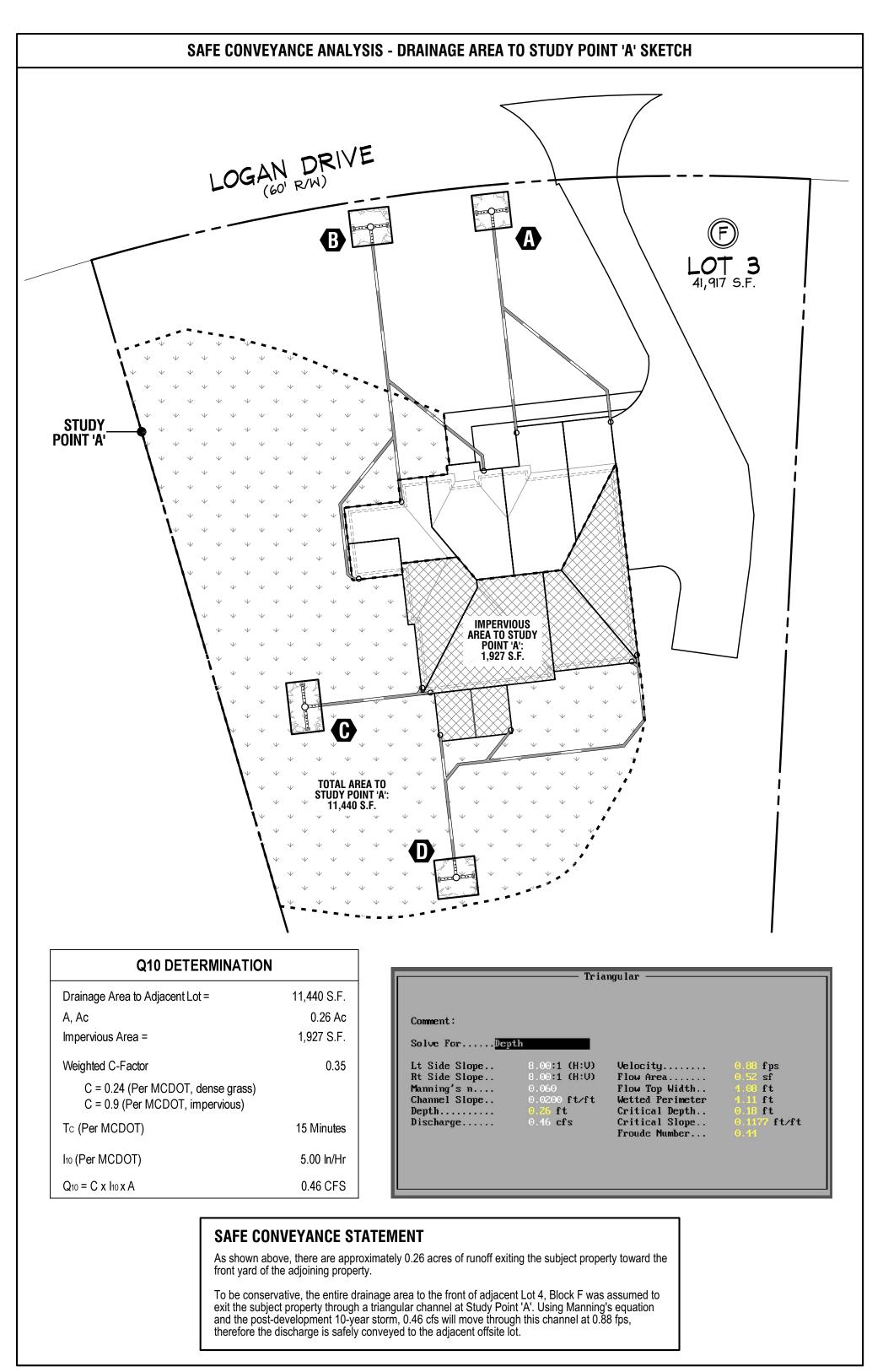
3 OF 3





IMPERVIOUS SURFACE AND ROOF AREA DIAGRAM





	ESD COMPUTATIONS - 9932 LOGAN DRIVE (HYDROLOGIC SOIL GROUP C							
TOTAL LOT AREA FOR P <sub>e</sub> determination	TOTAL LOT IMPERVIOUS AREA FOR $P_{\epsilon}$ determination	LOT IMPERVIOUS AREA PERCENTAGE (I) FOR $P_{\rm E}$ DETERMINATION	P <sub>E</sub> = RAINFALL TARGET (INCHES) APPLY IMPERVIOUS COVER PERCENTAGE TO TABLE 5.3					
41,917 SF	6,123 SF	14.61 %	1.0 IN	PER SECTION 5.2.3, THE SIZE OF ANY PRACTICE IS LIMITED TO THE RUNOFF				
TOTAL L.O.D. AREA FOR R <sub>V</sub> & ESD <sub>V</sub> DETERMINATION	TOTAL IMPERVIOUS AREA WITHIN L.O.D. FOR $\mathbf{R}_{v}$ determination	L.O.D. IMPERVIOUS AREA PERCENTAGE (I) FOR R <sub>V</sub> DETERMINATION	R <sub>V</sub> = RUNOFF VOLUME 0.05 + 0.009(I) (I = Impervious Percentage)	FROM THE 1-YEAR 24-HOUR STORM $(Q_{E}) \ VOLUME = (Area) \ x \ 2.6 \ in \ (Pe \ Max) \ x \ (R_{V}) \ Area$				
29,600 SF	6,584 SF	22.24%	0.25	VOLUME PROVIDED VIA ESD DEVICE NOT				
DETERMINE ESD <sub>V</sub> REQUIRED BASED ON THE L.O.D.	TA Target esd <sub>v</sub> =	EXCEED THE ${\rm Q_E}$ maximum (1-year Storm						
(LIMIT OF DISTURBANCE)	TOTAL SIT							

DRYWELL STRUCTURE	IMPERVIOUS Area Numbers	DRAINAGE AREA (SQ. FT.)	MINIMUM REQUIRED ESD $_{v}$ $P_{e}=1.0 \text{ In}$ (Cubic Feet)	DRY WELL Dimensions (FEET)	DRY WELL SURFACE AREA (SQUARE FEET)	TOTAL DRY WELL VOLUME (CUBIC FEET)	Q <sub>e</sub> maximum volume check (1-year storm: 2.6 in)	DRY WELL VOLUI PROVIDED (CUBIC FEET)					
		DATA BELOW ROUNDED TO 1 DECIMAL PLACE; Rv FOR DRYWELLS IS 0.95 (100% IMPERVIOUS ROOF AREA)											
	3	246 SF					ESDv = 777 (A) x 2.6 (Pe Max) x 0.95 (Rv)	158.4 CF					
_	12	531 SF	ESDv = $\frac{777 \text{ (A)} \times 1.0 \text{ (Pe Min)} \times 0.9}{1.0 \text{ (Pe Min)}}$	5 (Rv) 9.0 (LENGTH)	$A = 9 (L) \times 8.8 (W)$ A = 79.2 SF	$V = 79.2 (A) \times 5 (D) \times 0.4$							
A ROOF			12	8.8 (WIDTH)		V = 158.4 CF	12						
			ESDv Min = 61.5 CF	5.0 (DEPTH)	A = 19.2 or	V = 130.4 GF	ESDv Max = 159.9 CF						
	TOTAL	777 SF											
B ROOF	9	112 SF					ESDv = \frac{866 (A) x 2.6 (Pe Max) x 0.95 (Rv)}{12}	178.2 CF					
	10	301 SF	ESDv = 866 (A) x 1.0 (Pe Min) x 0.9	<u>5 (Rv)</u> 9.9 (LENGTH)	$A = 9.9 (L) \times 9 (W)$ A = 89.1 SF	$V = 89.1 (A) \times 5 (D) \times 0.4$ V = 178.2 CF							
	11	453 SF	12	9.0 (WIDTH)									
			ESDv Min = 68.6 CF	5.0 (DEPTH)	A = 00.1 01	V = 170.2 01	ESDv Max = 178.3 CF						
	TOTAL	866 SF											
	6	644 SF				V = 101.6 (A) x 5 (D) x 0.4 V = 203.2 CF	ESDv = $\frac{990 \text{ (A) x 2.6 (Pe Max) x 0.95 (Rv)}}{12}$	203.2 CF					
С	8	346 SF	ESDv = 990 (A) x 1.0 (Pe Min) x 0.9	<u>5 (Rv)</u> <b>8.0 (LENGTH)</b>	$A = 8 (L) \times 12.7 (W)$ A = 101.6 SF								
ROOF			12	12.7 (WIDTH)									
			ESDv Min = 78.4 CF	5.0 (DEPTH)	7, 101.001	255.2 51	ESDv Max = 203.8 CF						
	TOTAL	990 SF											
D ROOF	4	406 SF			A = 10 (L) x 9.6 (W)	V = 96 (A) x 5 (D) x 0.4	ESDv = 937 (A) x 2.6 (Pe Max) x 0.95 (Rv)						
	5	315 SF	ESDv = 937 (A) x 1.0 (Pe Min) x 0.9	<u>5 (Rv)</u> <b>10.0 (LENGTH)</b>									
	7	216 SF	12	9.6 (WIDTH)	A = 96.0 SF	V = 192.0 CF	12	192.0 CF					
			ESDv Min = 74.2 CF	5.0 (DEPTH)			ESDv Max = 192.9 CF						
	TOTAL	937 SF											
,	1	2,305 SF	DRIVEWAY - NOT TREATED BY THIS	PLAN DUE TO THE LOCATION OF	UTILITIES, DRIVEWAY SLOPE IN	N EXCESS OF 5%, AND EXCESSIVE RU	N-ON (>1:1)						
AREAS NOT TREATED	2	248 SF	WALK - NOT ABLE TO BE TREATED B	Y THIS PLAN DUE TO INSUFFICIEN	NT YARD AREA FOR LONGER D	ISCONNECTS AND YARD SLOPES IN E	EXCESS OF 5%						
EATED	TOTAL	2,553 SF											

TOTAL SITE IMPERVIOUS AREA 6,123 SF IMPERVIOUS AREA IN RIGHT-OF-WAY 461.0 SF	ESDV PROVIDED VIA DRY WELLS	ESDV PROVIDED Via disconnects	ESDV PROVIDED VIA Micro-infiltration trench	ESDV PROVIDED VIA Landscape infiltration	ESDV PROVIDED VIA PERMEABLE PAVEMENTS		
TOTAL ESD <sub>V</sub> PROVIDED	731.8 CF	0.0 CF	0.0 CF	0.0 CF	0.0 CF		
IS ESD <sub>V</sub> ADEQUATE	731.8 CF >	616.7 CF	ESD TO THE MEP, FULL ESD PROVIDED				
IS P <sub>e</sub> adequate	1.19 IN >	1.00 IN	ESD TO THE MEET, FOLL ESD PROVIDED				

DRYWELL SCHEDULE - 9932 LOGAN DRIVE												
DRYWELL Structure	FINISHED GRADE (LOW SIDE)	FINISHED GRADE (HIGH SIDE)	ELEVATION AT TOP OF GRAVEL (1'-3' cover)	COVER DEPTH OVER DRY WELL ON HIGH SIDE (3' MAX.)	PIPE INVERT IN FROM DOWNSPOUTS	TOTAL DEPTH OF GRAVEL (4' max. depth)	ELEVATION AT BOTTOM OF GRAVEL	TOTAL DEPTH OF SAND	ELEVATION AT BOTTOM OF SAND	TOTAL DEPTH OF DRYWELL (gravel + sand, 5' max. depth)	TOTAL DEPTH OF DRYWELL FROM GRADE (8' max. depth)	RECOMMENDED OVERFLOW
A	340.9	341.7	338.9	2.8	337.9	4.0 ft	334.9	1.0 ft	333.9	5.0 ft	7.8 ft	
В	338.4	339.1	336.4	2.7	335.4	4.0 ft	332.4	1.0 ft	331.4	5.0 ft	7.7 ft	POP UP EMITTER AT DRY WELL CLEANOUTS AND A SURCHARGE PIPE AT EACH DOWNSPOUT.
С	335.7	336.7	333.7	3.0	332.7	4.0 ft	329.7	1.0 ft	328.7	5.0 ft	8.0 ft	
D	338.5	339.2	336.5	2.7	335.5	4.0 ft	332.5	1.0 ft	331.5	5.0 ft	7.7 ft	

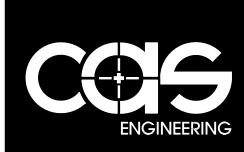
11/16/23 SMF - Building Permit Site Plan Base Sheet to Tilden Partners, LLC. 11/29/23 SMF - SCP Uploaded to ePlans for Initial Plan Review by MCDPS-WRS 12/28/23 JMO - SCP Uploaded for Final Approval by MCDPS-WRS.

CURT A. SCHREFFLER, PE

PROFESSIONAL ENGINEER CERTIFICATION:

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 19568, expiration date 3/8/2024, and that this plan meets MCDPS criteria for building and sediment control permit applications.

Lot 3, Block F, Williamsburg Estates
Plat Book 48, Plat No. 3644, Recorded 3/25/195
Potomac (10th) Election District, Montgomery County, MD 9932 Logan Drive Potomac, Maryland 20854



CAS ENGINEERING-MD

10 South Bentz Street
Frederick, Maryland 21701
301-607-8031 Phone info@casengineering.com www.casengineering.com

CAS ENGINEERING-DC, LLC 4836 MacArthur Boulevard, NW, 2nd Floor Washington, DC 20007 202-393-7200 Phone info@cas-dc.com www.cas-dc.com

NOT TO SCALE OR AS NOTED

SHEET TITLE: Building Permit Site Plan, SWM Plan, and **Sediment Control Plan** 

9932 Logan Drive Lot 3, Block F, Williamsburg Estate Building Permit Site Plan, Stormwater Management Plan, and Sediment Control Plan