Prince George's County
Department of Permitting, Inspections and Enforcement
SITE/ROAD PLAN REVIEW DIVISION
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NON-STRUCTURAL MEASURES DESIGN REVIEW CHECKLIST

This checklist serves as a guide for the consultant in the preparation and for the County the review of

- N-1 Rooftop Disconnect
- N-2 Non-Rooftop Disconnect
- N-3 Sheet Flow to Conservation Area

Any questions regarding items contained herein should be referred to the Prince George's County DPIE for clarification. Applicable page number or sections in the Stormwater Management Design Manual, County Code, or Maryland Design Manual for specific design criteria are included for reference.

NOTE: PLANS SUBMITTED WITHOUT A COMPLETED CHECKLIST MAY BE RETURNED WITHOUT REVIEW

Site/Project Name: _____ Date: _____

Applicant: _____ Consultant: _____

Phone Number: _____ Phone Number: _____

Email Address: _____ Email Address: _____

Site Development Concept Plan No.:_____ Site Development Plan No.: _____

Consultant: Please complete the checklist below by indicating the following:
C or ✓ = Complete or checked; X = Not Applicable; O = Outstanding, need to address
Please place the appropriate symbol in the CONSULT column.

Item #	Design Checklist Item	Reference	CONSULT	DPIE
A	**GENERAL PLAN INFORMATION**			
A-1	General plan information is shown as required in items B-1 through B-25 and C-1 through C-7 of the Storm Drain and Paving Plan Design Review Checklist.			
A-2	Areas that are HSG D soils or are compacted by construction equipment are noted on the plan to be scarified or rototilled to a depth of 4"- 6".	MDE 5.59		
A-3	Pe credit for an impervious area is either based on a disconnect or sheet flow to buffer, not both, even though both may apply.			
A-4	Contributing impervious is not from a designated Hotspot.	MDE 5.66		

Item #	Design Checklist Item	Reference	CONSULT	DPIE
B	**DISCONNECTION OF ROOFTOP RUNOFF (N-1)**			
B-1	Location of disconnect area is identified on the plan. Flow path length and slope are labeled. The flow path is shown on the plan as a triangle. A 75-foot long flow path has a 10-foot wide base at the end of the flow path. If the flow path is less than 75 feet, the base is truncated accordingly.	MDE 5.59 10.7.1.4		
B-2	Maximum drainage area to each disconnected downspout is less than 500 sf.	MDE 5.59		
B-3	PE credit in computation conforms to MDE Table 5.6 with a minimum 15-foot length for a P_E of 0.2" and a maximum 75-foot length for a P_E of 1.0"	MDE 5.59		
B-4	Rooftop disconnection is only proposed on lots greater than 6,000 sf.	MDE E.1.6		
B-5	If flow path crosses an impervious area, the impervious is at least 10 feet downstream from the downspout, and the impervious length is excluded from the credited flow length.	MDE E.1.6		
B-6	The disconnect flow path is shown as being vegetated with either turf grass or other types of vegetation such as trees, shrubs, or other herbaceous plants.	MDE 5.59		
B-7	Disconnection path has a slope of 5% or less. Terraces or berms are used where slopes are steeper than 5%.	MDE 5.59		
B-8	All downspouts outfall to splash blocks and are located at least 10 feet from the nearest impervious surface of similar or lower elevations to prevent reconnection.	MDE 5.59 10.7.1.1		
B-9	Disconnect flow paths are not located in swales.	10.7.1.1		
B-10	The entire disconnection flow path is located on the subject property, discharges to a BMP, or is incorporated into an offsite easement.	10.7.1.1		
C	**DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)**			
C-1	Disconnect paths are less than or equal to 5% slope. Terraces, berms, or similar grade control may be used where slopes exceed 5% to prevent flow concentration.	MDE 5.61		
C-2	Flow drains continuously through vegetated areas.	MDE 5.62		
C-3	Maximum drainage area is less than 1,000 sf.	MDE 5.62		
C-4	The Pe credit is computed based on MDE Table 5.7, with a maximum of 1.0" for a disconnect flow path equal to the contributing impervious length. If the disconnect flow path is less than the contributing impervious length, the Pe credit is reduced proportionally.	MDE 5.62		
C-5	A 2-foot wide by 1-foot deep gravel strip is provided at the edge of paving to transition to sheet flow.	MDE 5.62		
C-6	If flow path crosses an impervious area, the impervious length is excluded from the credited flow length.	10.7.2.3		
C-7	If the disconnection area is in fill, HSG D soil, or is compacted by construction equipment, it is noted to be rototilled or the surface scarified to a depth of 6 inches.	MDE 5.62		
C-8	Disconnections have a separate flow path from other sources for their entire treatment length.	10.7.2.1		
C-9	Drainage Area Map is provided to document contributing drainage area.	10.7.2.4		
C-10	The length, width, and slopes of the contributing and disconnection flow paths are shown and labeled on the plan.	10.7.2.4		

Item #	Design Checklist Item	Reference	CONSULT	DPIE
D	**SHEET FLOW TO CONSERVATION AREA (N-3)**			
D-1	The buffer area is protected by the M-NCPPC Conservation Easement or a similar document.	MDE 5.66		
D-2	A 50 foot minimum buffer length is provided for a Pe credit of 0.6" with a 100 foot maximum length for a Pe credit of 1.0". At least 20,000 sf of conservation area is provided. See MDE table 5.8.	MDE 5.67		
D-3	A 2 foot wide by 1 foot deep gravel strip is provided at the edge of paving to transition to sheet flow.	MDE 5.67		
D-4	Conservation area includes natural resources, created or restored, but not turf grass. If turf grass is necessary to stabilize soil, there must be other measures for long term vegetative management.	MDE 5.67		
D-5	Approach slopes to the conservation area averages less than 5% or a level spreader device is provided.	MDE 5.67		
D-6	Maximum depth of area to be treated is 150 feet for pervious length and 75 feet for impervious length.	MDE 5.68		
D-7	The length and width of the contributing area and the limits of the conservation areas are shown and labeled on the plan.	10.7.3.4		