



Construction Inspection

Checklist:

Spec 2: Sheet Flow

Project Name: _____ Plan Number: _____
 Address/Location: _____ LND Number: _____
 Phase/Section: _____ VSMP Permit #: _____
 Contractor & Phone#: _____ Inspector's Name: _____
 Certifying Professional & Phone #: _____ Date of Inspection: _____

***Certifying professional must be a licensed Professional Engineer (PE), Landscape Architect (LA), or Land Surveyor (LS) in the state of Virginia.**

The following checklist provides a basic outline of the anticipated items for the construction inspection of Sheet Flow. This checklist does not necessarily distinguish between all the design variations and differences in construction between the families of practices. Inspectors should review the plans carefully and adjust these items and the timing of inspection verification as needed to ensure the intent of the design is met. The standard of design of this practice is based on **Virginia Stormwater BMP Clearinghouse** and **Prince William County Design and Construction Standards Manual (DCSM)**.

All items should be checked when completed. Items labeled "Certification of..." must be crossed off, dated and initialed by certifying inspector.

	1. Sheet Flow to Conserved Open Spaces	Yes	No	N/A	Date
1.1	Pre-construction meeting with the contractor designated to install the disconnection practice has been conducted.				
1.2	Impervious cover has been constructed/installed and area is free of construction equipment, vehicles, material storage, etc.				
1.3	All pervious areas of the contributing drainage areas have been adequately stabilized and erosion control measures have been removed.				
1.4	Area of the conserved open space has been clearly marked and protected from construction traffic with adequate signage and fencing, and is in good condition (undisturbed – other than for pruning or other vegetation management needs).				
1.5	Area of the conserved open space has been clearly marked and protected from construction runoff and sediment with appropriate sediment control measures (super silt fence, berms, etc.). Photo Required.				
1.6	Stormwater has been diverted for the construction of the inflow (level spreader or gravel diaphragm).				

1.7	Any light grading required to establish the upper boundary of the conserved open space has been performed with light equipment and minimal impact to the existing vegetation.				
1.8	Construction of engineered level spreader for concentrated inflow or a gravel diaphragm or other pretreatment measure for sheet flow has been completed and the area stabilized as needed. Photo Required.				
1.9	Stormwater runoff directed into conserved open space after the area at the upper boundary has been stabilized. Photo Required,				
1.10	All erosion and sediment control practices have been removed.				
1.11	Follow-up inspection and as-built survey/certification has been scheduled.				
1.12	GPS coordinates have been documented for all disconnection practices on the parcel.				

	2. Sheet Flow to Vegetated Filter Strips	Yes	No	N/A	Date
2.1	Pre-construction meeting with the contractor designated to install the disconnection practice has been conducted.				
2.2	Impervious cover has been constructed/installed and area is free of construction equipment, vehicles, material storage, etc.				
2.3	All pervious areas of the contributing drainage areas have been adequately stabilized and erosion control measures have been removed.				
2.4	Area of the vegetated filter strip has been clearly marked and protected from construction traffic with adequate signage and fencing, and is in good condition.				
2.5	Area of the vegetated filter strip has been previously (temporarily) stripped of topsoil during construction is scheduled for restoration and soil amendments (if required).				
2.6	Topsoil and/or soil amendments are nearby and certified as meeting the design specifications.				
2.7	Proper grades have been achieved with light equipment and to avoid compaction to provide the required geometry of the disconnection practice: length and width, and slope, and prepare the upper boundary has been performed.				

2.8	Stormwater has been diverted for the construction of the inflow measures (level spreader or gravel diaphragm).				
2.9	Soil amendments, if required, have been incorporated as specified (thickness of compost material and incorporated to the required depth).				
2.10	Construction of engineered level spreader for concentrated inflow or a gravel diaphragm or other pretreatment measure for sheet flow has been completed. Photo Required.				
2.11	The entire area of the vegetated filter strip has been stabilized and achieved a dense turf cover prior to diverting runoff into the practice.				
2.12	All erosion and sediment control practices have been removed.				
2.13	Follow-up inspection and as-built survey/certification has been scheduled.				
2.14	GPS coordinates have been documented for all vegetated filter strips on the parcel.				

All items checked above have been inspected by me (or an individual under my responsible charge) and have been completed to my satisfaction and meet the approved plans (or deviations are noted here).

Signature: _____ Date: _____

Certifying Professional's License Number _____
(Seal)