



Prince George's County
 Department of Permitting, Inspections
 and Enforcement
SITE/ROAD PLAN REVIEW DIVISION
 9400 Peppercorn Place
 Largo, Maryland 20774
 301.636.2060 ♦ FAX: 301.925.8510



BIO-TYPE DEVICE AS-BUILT CHECKLIST

This checklist serves as a guide for the consultant in the preparation and for the County in the review of As-Builts for:

- M-2 Submerged Gravel Wetland,
- M-3 Landscape Infiltration,
- M-6 Micro-Bioretenation,
- F-6 Bioretention,
- M-7 Rain Gardens, and
- M-8 Swales

Any questions regarding items contained herein should refer to Prince George's County DPIE for clarification. Applicable page number or section in the Stormwater Management Design Manual, County Code, PGSCD Reference Manual, 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: _____

Permitee: _____ 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	METHODOLOGY			
A-1	The as-built information is shown in red ink on a copy of the approved plan.	15.1		
A-2	If not presented in a table showing the design data, a red box with elevation inside must be shown adjacent to the design values/items if they were actually the constructed values/items. Duplication of as built data has been minimized.	15.1		
A-3	Survey elevation accuracy matches design plan significant figure. Positive drainage is proven.	15.2		

Item #	Design Checklist Item	Reference	CONSULT	DPIE
B	AS-BUILT PLANS AND CERTIFICATION STATEMENT			
B-1	<p>The following statement is certified on the plan:</p> <p>"I hereby certify to the best of my knowledge and belief that this As-Built truly represents existing field conditions including but not limited to sizes, diameters, line and grade, elevations, and volumes."</p> <p>_____ (SEAL) Maryland Registered Professional Engineer or Surveyor</p> <p>The As-Built plans are being submitted to DPIE and it is understood that they must be approved prior to "Final Inspection."</p>	15.3.3		
C	MINIMUM INFORMATION (AS APPLICABLE)			
C-1	Material certifications provided. (pipe, structures, bio-soil)	15.3.3		
C-2	Coordinates are provided for each device in the BMP Summary Table.	15.3.3		
C-3	Diameter and elevation of the pipes in the flow splitter, both the bypass and the diversion pipe are verified to ensure correct elevation difference between storm drain pipe and splitter pipe. If flow splitter elevation deviation does not match design, ESD volume recomputed.	15.3.3		
C-4	Filter Cloth installed per design.	15.3.3		
C-5	Location of cleanouts provided. Distance to bottom noted on cap.	15.3.3		
C-6	Diameter and elevation of underdrain pipe verified.			
C-7	Landscape material (or equivalent material) matches or exceeds plan.	15.3.3		
C-8	Liber and folio provided for all storm drain and SWM easements adjacent to the device.	15.3.3		
C-9	Liber and folio provided for the recorded maintenance agreement			
C-10	Diameter, material, length, slopes from the outlet structure to outfall, or first structure if discharging into a storm drain system verified and redlined on plan.			
C-11	Dimensions, length and slopes of facility verified.			
C-12	Outlet structure dimensions, weir/orifice opening dimensions, elevations, and other design features verified and redlined on plan.			
C-13	BMP Summary Table updated with as-built ESD volume and Pe.			
C-14	Elevation and width of top of embankment provided.			
C-15	For swales, location and dimensions of check dams provided, if applicable.			
C-16	Core trench, anti-seep collars, concrete cradle, impervious liner, etc. are certified, where applicable.			
C-17	Certified Geotechnical letter included on plan.			

D	ACCEPTABLE CONSTRUCTION			
D-1	Pipe size and material matches plan for underdrain and outflow pipe. Outflow pipe size and slope matches plan or computations are provided to ensure acceptable hydraulics.	15.3.3		
D-2	Certification provided that mulch or topsoil, BSM, sand, and gravel meet specifications and were installed to required thickness.	15.3.3		
D-3	Dimensions, top of facility and either the bottom of gravel or invert of underdrain provided and meet design intent.	15.3.3		
D-4	Compare the required versus as built volumes to verify that the minimum volumes have been obtained.	15.3.3		
D-5	As-Built Checklist Final SWM Pond has been completed for MD-378 facilities.			
E	SUPPORTING DOCUMENTATION			
E-1	Provide original design computations with corrections/As-Built volumes.	15.1		
E-2	All Single Lot As-Built checklists provided where applicable.	15.1		
E-3	A copy of the completed Inspection Checklist from Appendix 14-4 is provided for each facility.			
E-4	Approved shop drawings for non-standard structures are provided.			
E-5	Material certifications provided.	15.1		
E-6	Certified geotechnical letter and report of construction provided.	15.1		

*This checklist has multiple stormwater bio-devices compiled into one as-built checklist.