

Bioretention As-Built Checklist

Project: _____

Date: _____

	<u>Description</u>	<u>Design</u>		<u>As-Built</u>	
1	Percent Impervious				
2	Drainage Area				
3	Water Quality Volume				
4	Bioretention Surface Area (ft ²)				
5	Type and Width of pretreatment				
6	Elevations of the following:				
a	Bottom of planting soil				
b	Top of planting soil				
c	Top of mulch layer				
d	Inlet of overflow / bypass structure				
7	Ponding depth (Maximum 1')				
8	Runoff volume captured (ft ³)				
9	Underdrain System Specifications:				
a	Size & type of perforated pipe				
b	Number of branch lines & spacing width				
c	Invert elevation of underdrain				
d	Invert elevation of outflow pipe at outlet				
11	Planting Soil (attach soil test report):				
a	Planting soil depth				
b	Percentage clay				
c	Percentage sand				
d	Percentage organic material				
e	Percentage silt				
f	Soil pH				
12	Planting Specifications (include planting plan):				
a	Planting density (plants/acre)				
b	Number and type of trees				
c	Number and type of shrubs				
d	Number and type of herbaceous species				
e	If grass, sod type				
18	Maintenance schedule provided? (Y/N)				
19	Engineer's certification on as-builts (Y/N)				

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20	Maintenance agreement Intake Form submitted to City Attorney (Y/N)		
21	Maintenance easement metes & bounds & plat submitted to City Attorney (Y/N)		
22	Marked up as-built drawing included (Y/N)		

ENGINEER'S CERTIFICATION OF STORMWATER CONTROL COMPLETION

I certify that, pursuant to generally accepted engineering standards in the community, it is my professional opinion that the stormwater control(s) labeled as _____ has been completed in conformance with the plans and specifications approved on _____, has its full design volume available, and is functioning as designed and complies with the requirements of 15A NCAC 2H.1000.

P.E. SEAL:

SIGNATURE: _____ DATE: _____

Printed Name: _____

Phone Number: _____

Email Address: _____