



**Bioretention Area**

**Record of Construction  
Engineer's Certification of Completion**

**Water Resources Department  
Stormwater Management Division  
2602 S. Elm-Eugene St.  
Greensboro, NC 27406  
(336) 373-2055**

Project: \_\_\_\_\_

Date: \_\_\_\_\_

	<b><u>Description</u></b>	<b><u>Design</u></b>		<b><u>As-built</u></b>	
1	Bioretention Surface Area				
2	Type & width of pretreatment				
3	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				
4	Ponding depth				
5	Runoff volume captured (ft <sup>3</sup> )				
6	Underdrain System Specifications:				
a	Size & type of perforated pipe				
b	Types and thickness of filter layers around the perforated pipe (#57 stone, choking stone, sand, etc.)				
c	Number of branch lines & spacing width of perforated pipe				
d	Invert elevation of underdrain				
e	Invert elevation of outflow pipe at outlet				
7	Invert elevation of receiving storm sewer / receiving stream water surface				
8	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				



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9	Planting Specifications:				
a	Planting density (stems/acre)				
b	Number & type of trees				
c	Number & type of shrubs				
d	Number & type of herbaceous species				



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**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 \_\_\_\_\_ on this plat (or on name of plat) as recorded in PB \_\_\_\_\_, PG \_\_\_\_\_ in the Office of the Guilford County Register of Deeds has been completed in conformance with the plans and specifications approved on \_\_\_\_\_, has its full design volume available, and is functioning as designed.

P.E. SEAL:

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_