

## Underground Detention As-Built Checklist

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

	<u>Description</u>	<u>Design</u>	<u>As-Built</u>
1	Percent Impervious		
2	Drainage Area		
3	Detention tank or pipe length, width, depth (or diameter) & material of construction		
4	Elevations of the following:		
a	Invert of detention tank / pipe(s)		
b	Invert of inflow & outflow pipe(s) Invert: Outflow:		
c	Invert of low flow orifice & size (if applicable)		
d	Invert of overflow weir or orifice & size (if applicable)		
e	Top of manhole cover(s)		
5	System access:		
a	Means of ingress / egress (i.e. access ladder or manhole steps)		
b	Number of access manholes & maximum distance between manholes		
6	Inlet / Outlet pipes visible from access points (Y/N)		
7	Verification of volume:		
a	Temporary sediment storage volume (ft <sup>3</sup> ) and max depth (ft)		
8	Low flow orifice material of construction		
9	Does the SCM safely pass the 100 yr/24 hr storm event?		
10	Maintenance schedule provided? (Y/N)		
11	Engineer's certification on as-builts (Y/N)		
12	Maintenance agreement Intake Form submitted to City Attorney (Y/N)		
13	Maintenance easement metes & bounds & plat submitted to City Attorney (Y/N)		
14	Marked up as-built drawing included (Y/N)		

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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 \_\_\_\_\_ 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: \_\_\_\_\_