

Project Name \_\_\_\_\_ Permit # \_\_\_\_\_

## AS-BUILT DESIGNER'S CERTIFICATION FOR PERMEABLE PAVEMENT PROJECT

I hereby state that I am a licensed professional and I certify by my signature and seal below, that I have observed the construction of the project named above to the best of my abilities with all due care and diligence, and that the project meets all of the MDC found in 15A NCAC 02H.1055, in accordance with the permit documents, plans and specifications on file with or provided to Henderson County, except as noted on the "AS-BUILT" drawings, such that the intent of the stormwater rules and the general statutes has been preserved.

- Check here if this is a partial certification. Section/phase/SCM # \_\_\_\_\_
- Check here if this is part of a Fast-Track As-Built Package Submittal per 15A NCAC 02H .1044(3).
- Check here if the Designer did not observe the construction but is certifying the project.
- Check here if pictures of the SCM are provided.

Printed Name \_\_\_\_\_ Signature \_\_\_\_\_

NC Registration Number \_\_\_\_\_ Date \_\_\_\_\_

SEAL:

Consultant's Mailing Address:  
 \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: (\_\_\_\_) \_\_\_\_\_  
 Consultant's Email address:  
 \_\_\_\_\_

① Circle N if the as-built value differs from the Plan/permit. If N is circled, provide an explanation on page 2.  
 ② N/E = Not Evaluated (provide explanation on page 2). ③ N/A = Not Applicable to this project or SCM.  
 This Certification must be completed in conjunction with the General MDC certification under 15A NCAC 02H.1050.

Consultant's Certification (MDC 15A NCAC 02H .1055)			
DESIGN / DRAWDOWN	① As-built	② N/E	③ N/A
1. Washed aggregate base material has been used.	Y or N		
2. The provided amount of permeable pavement surface area is consistent with the approved plans.	Y or N		
3. The amount of non-roof adjacent built-upon area is consistent with the approved plans and is directed onto the permeable pavement surface and does not exceed the required 1:1 ratio (Aa/AP).	Y or N		
4. The runoff from adjacent pervious areas is prevented from reaching the permeable pavement except for incidental, unavoidable runoff from stable vegetated areas.	Y or N		
5. The permeable pavement infiltrates the design volume to the bottom of the subgrade within 72 hours.	Y or N		
6. If the permeable pavement was installed as a detention system, the drawdown assembly releases the stormwater stored in the aggregate in 2-5 days.	Y or N		

<b>SOILS / SHWT / SUBGRADE</b>	①As-built	②N/E	③N/A
1. The hydraulic properties and characteristics of the in-situ soils conform to the soils report.	Y or N		
2. For infiltrating permeable pavement, the lowest point of the system is a minimum of 2 feet above the SHWT.	Y or N		
3. For infiltrating permeable pavement, if the lowest point of the system is less than 2 feet above the SHWT, the soils have been modified to assure drawdown within 72 hours.	Y or N		
4. The in-situ soils have been removed and replaced with infiltration media in accordance with the approved plan.	Y or N		
5. Infiltration media has been placed on top of in-situ soils.	Y or N		
<b>CONSTRUCTION</b>	①As-built	②N/E	③N/A
1. At least one capped observation well has been provided at the low point of each permeable pavement area?	Y or N		
2. The subgrade is terraced in accordance with the approved plans and has at least one capped observation well within each terrace section.	Y or N		
3. For PICP and concrete grid pavers, an edge restraint has been used around the perimeter of the permeable pavement.	Y or N		
4. The subgrade for infiltrating permeable pavement was graded when it was dry and there was no precipitation.	Y or N		
<b>CERTIFICATION</b>	①As-built	②N/E	③N/A
1. The infiltration rate of the pavement surface is at least 50 inches per hour using a head less than or equal to four inches.	Y or N		
2. After installation, the permeable pavement was protected from sediment deposition.	Y or N		
3. The site is complete and stabilized.	Y or N		

**Provide an explanation below for every MDC that was not met, and for every item marked “N/A” or “N/E.” Attach additional pages as needed.**

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