

Project Name _____ Permit # SW8 _____

AS-BUILT DESIGNER'S CERTIFICATION FOR LOW DENSITY 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.1003, in accordance with the permit documents, plans and specifications on file with or provided to the Division, 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 or phase _____
- 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 project 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 3.
- ② N/E = Not Evaluated (provide explanation on page 2). ③ N/A = Not Applicable to this project/plan.

| Consultant's Certification (MDC 15A NCAC 02H .1003) | | | |
|---|------------|-------|-------|
| Project Density and Built-Up Area | ① As-built | ② N/E | ③ N/A |
| 1. The project has areas of high density based on natural drainage area boundaries, variations in land use or construction phasing. | Y or N | | |
| 2. The project's built-upon area does not exceed the maximum limit specified in the permit. | Y or N | | |
| Dispersed Flow | ① As-built | ② N/E | ③ N/A |
| 1. The project maximizes dispersed flow through vegetated areas and minimizes channelized flow. | Y or N | | |

| Vegetated Conveyances | ① As-built | ② N/E | ③ N/A |
|--|------------|-------|-------|
| 1. Stormwater that is not released as dispersed flow is transported by vegetated conveyances. | Y or N | | |
| 2. The project has a minimal amount of non-vegetated conveyances to reduce erosion. | Y or N | | |
| 3. Other than minimal piping under driveways and roads, no piping has been added beyond what is shown on the approved plans. | Y or N | | |
| 4. Side slopes are no steeper than 3H:1V. | Y or N | | |
| 5. The conveyance does not erode in response to the peak flow from the 10-year storm. | Y or N | | |
| Curb outlet systems (if applicable) | ① As-built | ② N/E | ③ N/A |
| 1. The swale or vegetated area can carry the peak flow from the 10-year storm at a non-erosive velocity. | Y or N | | |
| 2. The longitudinal slope of the swale or vegetated areas does not exceed 5%. | Y or N | | |
| 3. The swale has a trapezoidal cross-section and a minimum bottom width of two feet. | Y or N | | |
| 4. The minimum length of the swale or vegetated area is 100 feet. | Y or N | | |
| 5. Side slopes are no steeper than 3H:1V. | Y or N | | |
| 6. The project utilizes treatment swales designed per Section .1061 in lieu of the curb outlet system requirements. | Y or N | | |
| Vegetated Setbacks (if applicable) | ① As-built | ② N/E | ③ N/A |
| 1. The width of the vegetated setback is at least 50'. | Y or N | | |
| 2. The width of the vegetated setback has been measured from the normal pool of impounded waters, the MHW line of tidal waters, or the top of bank of each side of rivers or streams. | Y or N | | |
| 3. The vegetated setback is maintained in grass or other vegetation. | Y or N | | |
| 4. BUA that meets the requirements of NCGS 143-214.7(b2)(2) is located in the setback. | Y or N | | |
| 5. BUA that does NOT meet the requirements of NCGS 143-214.7(b2)(2) is located within the setback and is limited to: <ul style="list-style-type: none"> • Publicly-funded linear projects (road, greenway, or sidewalk) • Water dependent structures • Minimal footprint uses such as poles, signs, utility appurtenances, and security lights. | Y or N | | |
| 6. The amount of BUA within the setback is minimized, and channeling of the runoff from the BUA has been avoided. | Y or N | | |

| | | | |
|--|-----------|------|------|
| 7. Stormwater is not discharged (via swale or pipe) through a vegetated setback. Stormwater is released at the edge of the setback and allowed to flow through the setback as dispersed flow | Y or N | | |
| Outlets | ①As-built | ②N/E | ③N/A |
| 1. Stormwater outlets do not cause erosion downslope of the discharge point during the peak flow from the 10-year storm. | Y or N | | |
| Variations | ①As-built | ②N/E | ③N/A |
| 1. The project has variations from the MDC that were not previously approved. (Modification may be required.) | Y or N | | |
| Deed restrictions (if applicable) | ①As-built | ②N/E | ③N/A |
| 1. Deed restrictions are recorded and ensure that the project and the BUA will be maintained in perpetuity consistent with the permit, approved plans, and specifications. | Y or N | | |
| For Subdivisions Only (Residential or Commercial) | ①As-built | ②N/E | ③N/A |
| 1. The number of platted lots is consistent with the approved plans. | Y or N | | |
| 2. The project area is consistent with the approved plans. | Y or N | | |
| 3. The layout of the lots and streets is consistent with the approved plan. | Y or N | | |
| 4. The width / radius of streets, paved accesses, cul-de-sacs and sidewalks is consistent with the approved plan. | Y or N | | |
| 5. No piping, other than those minimum amounts needed under a driveway or under a road, has been added. | Y or N | | |
| 6. The lot grading, road grading, vegetated conveyances, piping, inverts, and elevations are consistent with the approved plans. | 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.
