



# **STORMWATER MANAGEMENT FACILITY** **POST CONSTRUCTION VERIFICATION DOCUMENT** **SUBMITTAL CHECKLIST**

## **10.C Underground Detention Facilities** **Submittal Requirements**

- Post Construction Verification Document survey plan in accordance with the items of this Checklist
- Supporting calculations in accordance with the items of this Checklist
- A copy of the completed Post Construction Verification Document Submittal Checklist
- Stormwater Management Facility Construction Checklist completed during construction of the facility, if applicable
- Geotechnical engineer's report, if applicable

## **Post Construction Verification Document** **Plan Requirements**

All Plans:

- Plans must be submitted on minimum 24" x 36" sheets
- Provide a location map on the plan
- Provide a north arrow on the plan

The title block must include:

- Project name indicating "Post Construction Verification Document" in the plan title
- Name, address, telephone and fax numbers of the individual preparing the plan
- Scale of plan (maximum plan scale accepted will be 1"=50')
- Date of the survey
- Hundred, County, and State
- Street address of the project site
- Signature and seal of Delaware Registered Professional Engineer or Professional Land Surveyor

Delineate and properly label the following (as applicable):

- Roads adjoining the stormwater management facility
- Property lines adjacent to the stormwater management facility
- Easements (i.e. drainage, utility, access, etc.) adjacent to the stormwater management facility



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Provide the following information related to the structural elevations and dimensions of the underground storage facility.

- Grate and invert elevations of all structures. *\*\*\*Grate and invert elevations of all structures, including weirs shall be within 0.15 foot of the design.*
- Invert and diameter of all pipes or chambers within underground storage system that is accessible following construction. *\*\*\*Diameter of all pipes or dimensions of chambers within underground detention facility shall be as shown on the plan.*
- Dimensions of any weirs within underground structures. *\*\*\*Dimension of any weirs shall be within 10% of the design.*

*\*\*\* When the allowable tolerances are exceeded for volume or structure elevations, supplemental calculations must be submitted to the approval agency to demonstrate that the Detention Facility, as constructed, meets the design requirements. Submit the following:*

- Calculations of outflow from the stormwater management pond for all design storms. Routing computations must be based on the post construction verification survey volumes and elevations for the facility.