



Accomack County As-Built Survey Requirements for Stormwater Management/Best Management Practice (BMP) Facilities

An approved as-built survey (record drawing) must be submitted prior to closing out a project and processing bond reduction or release requests for all stormwater management improvements.

The following is a list of the elements commonly required to be shown depending on the design:

1. All property lines and easements, labeled and dimensioned.
2. Benchmark location and description, spot elevations and vertical datum.
3. Vicinity map showing site location.
4. The entire on-site stormwater facilities:
 - a. Pipes, structures, swales and ditches.
 - b. State plane coordinates for each stormwater management facility.
 - c. Required stormwater related vegetation (identify vegetated areas – list individual plants when used in bio-retention pond or basin).
 - d. Pipe materials, sizes, slopes, rim and invert elevations.
 - e. Details of weir, orifice, outlet control devices, etc.
 - f. Details of proprietary or manufactured BMPs.
5. BMP cross-sections with labels and numerical data including:
 - a. Side slopes, benches and revetments.
 - b. Water surface elevations shown at time of survey.
 - c. Seasonal High Groundwater.
 - d. As-built elevations of each layer in the system (top and bottom of stone, filter media, pavers, etc.)
 - e. As-built elevations at the same locations shown on the approved cross sections (top of bank, toe of slope, Normal Water Surface Elevations (NEW), etc.)
6. A statement signed and sealed by a professional engineer or surveyor similar to the following:

I hereby certify to the best of my knowledge and belief that this record drawing represents the actual condition of the stormwater conveyance system and stormwater management BMP facilities, as constructed, and the facilities appear to conform to the provisions of the approved stormwater management design, except as specifically noted herein.

In cases where the survey reveals a significant modification from the approved design, a performance as-built prepared by a professional engineer or qualified land surveyor will need to be provided in addition to the survey data to demonstrate that the BMP(s) meet the Stormwater Ordinance criteria.

As-built information and engineer's certification should be submitted to the Department for review and acceptance. Please note: bond release requests will not be processed until record drawings are approved.