

**Stormwater Management Record Document (As- Built)
Checklist Requirements:**

PROJECT: _____ PROJECT #: _____

REVIEWER (S): _____ DATE: _____ SUBMITTAL #: _____

1. Provide a set of the Red line drawings showing revised notations. All original notations must be retained and legible with revisions in red. Redlined Drawings are required in addition to the Daily Progress Reports as outlined in #4 below.
2. Provide As-Built Plans that are certified by a licensed professional engineer or professional land surveyor licensed in Maryland.
3. As-Built Documents shall provide verification of dimensions, location and elevations of Stormwater facilities and are necessary to demonstrate that construction practices have accurately installed the facilities in accordance with the approved plan.
4. When required in the plans (pertaining to resident inspection for the construction of the Private Stormwater Management System) provide Salisbury Department of Infrastructure and Development with the daily progress reports sealed by a professional engineer currently registered in Maryland. The report is to include the following as applicable: The dimension and height of the chambers as well as location, size and number of chambers placed. Also, include the location, size and depth of media layers for MSPS. The final approval will be withheld until the daily progress report(s) have been accepted by the Department of Infrastructure and Development.
5. **The As-Built Plans shall include a Title Sheet that contains the following:**
 - A. Title located on top of cover sheet and title block located vertically on right hand side of all sheets; listing project name, date, page number, city project number or contract number, scale, revision block, name of engineering/surveying firm with address and contact numbers. All text and features shall be in black ink.
 - B. Location map shall be 1"=1000', Vicinity Map shall be 1"=2000'
 - C. All sheets must be to scale using 1" = 30' horizontal scale, 1" = 3' vertical scale for profile or 1"= 40' horizontal scale, 1"=4' vertical scale for profile. City engineer must approve other scales. All plans shall be 24"x36" paper size. Individual details shall be scaled so they are clearly legible. (Use NAVD 88 for elevation datum)

- D. North arrow and graphic scale (Use NAD 83)
- E. Use elevation datum NAVD 88.
- F. Signature blocks for Director of Infrastructure and Development
- G. Certification Block shall contain Registered Engineer's/Surveyor's stamp, signature, and license number and include statement, *"I hereby certify that all grading, drainage, structures, and/or systems, erosion and sediment control/Stormwater practices including facilities, and vegetative measures have been completed in substantial conformance with the approved plans and specifications."*
- H. Include all surrounding street names, Route numbers, etc.
- I. Index of sheets/pages
- J. As each page requires, provide a legend to identify all applicable items. Use the City of Salisbury, Construction Standards Guide, STD. NO. 600.21, as a resource.
- K. Provide a permanent benchmark elevation for future maintenance reference.

6. The following general information should be utilized to generate the Stormwater Management As-Built Drawings:

- a. Verification of all flow control structures (including, weirs, valves, piping and fore bays) elevations and flow control dimensions (i.e. weir dimensions, material and pipe sizes, structure heights). Pipe inlet and outlet inverts.

- b. Location and gradation of silt gauges.

- c. Bottom elevation of all detention or retention facilities to determine capacity and silt buildup.

- d. Top of berm and spillway elevations to determine 100 year and maximum overflow elevations.

- e. Where water quality volume and recharge volume is provided as part of the approved plan, verification of volume requirements.

- f. Rip rap pad dimensions.
- g. Delineation and labeling of all existing or proposed easements including emergency drainage, sanitary sewer, Stormwater management access/ maintenance, public service utility right-of-ways, and perimeter easements, etc. Identify and indicate all recordation information for public and private easements associated with this plan.

- h. Verification of all vegetative plantings when applicable.
 - i. Confirm that Stormwater facilities are located within the required Stormwater management easements as shown on the recorded plat plan.
 - J. Include a ESD Maintenance Schedule
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7. As-Built drawings **shall not** include the following:

- Maintenance of Traffic Notes
- Proposed Grades
- Existing Grades
- Construction Notes not pertaining to Stormwater construction
- Wording such as: Install, Proposed, Remove, or Provide.
- Private Engineer project numbers
- Peak flow or design criteria
- Utility Notes

THE ENCLOSED COMMENTS MAY NOT BE INCLUSIVE OF ALL COMMENTS.

Please forward all correspondence concerning the above items to Dann Herr, Stormwater Inspector at 410-548-3177 ext 1216 or email dherr@salisbury.md