



DORCHESTER COUNTY
PUBLIC WORKS DEPARTMENT
2120 EAST MAIN STREET, DORCHESTER, SC 29437

Closeout Requirements

1. Closeout Application – Filled out and signed
2. As-built – Full sized original and .pdf submitted with application for review. Once a final as-built is accepted both a PDF and DWG file shall be submitted along with the final full size plan sheet(s) stamped (COA and RLS), signed, and dated by a SC Registered Land Surveyor.

As-Built Survey Requirements

- Include grades/contours/depths for pond(s) and grades/contours of site draining to pond
- Elevations and dimensions of all stormwater structures, including:
 - Pipe and orifice inverts and diameters
 - Weir elevations and dimensions
 - Riser dimensions and elevations
 - Emergency spillway dimensions and elevations
 - Locations and inverts for all pipes discharging into the pond
 - Stormbox size, bottom and rim
- Match road elevations to the plan profile elevations

If the elevations or dimensions of the structures listed above do not match those used in the approved plans, certification statement signed by the project's Registered is required. Under some circumstances a revised pond routing calculations will be asked to be submitted.

All As-Builts must be prepared by a South Carolina Licensed Land surveyor and must be provided for all previously approved detention ponds that will receive flows from new drainage areas. For As-Builts that do not match the approved plans on record, the project's Registered Engineer must submit a certification statement indicating that the pond, as built, will function within all applicable standards provided. As-Builts that drastically differ from approved plans may be required to submit a new analysis of the pond routing.

3. Pipe video- All video inspections shall be reviewed by a professional engineer, and a report documenting the inspection shall be prepared by this engineer and submitted to the County at



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the expense of the owner/developer. The report shall provide a SC PE stamp, signed, and dated report on letterhead stating any area of concern in the pipe (with location) and recommendations for repair **(provide punch list)**.

All video shall comply with the following requirements:

1. Color video submitted on a CD, DVD, or Flash drive in high-resolution digital format compatible with County-approved and available software and equipment.
2. All visual observations will be recorded on a log inspection form incorporating at a minimum the following items:
 - a. Date and time televised
 - b. Operator name
 - c. Starting and ending manhole (Sta. number, street name, etc.)
 - d. Pipe diameter (inches), geometry, and material;
 - e. Location of lateral
3. A length measurement (laser micrometer) with calibration shall be performed and displayed at the start of each video segment to establish a means for measuring widths of cracks, joint separation, etc.
4. Video camera shall be centered vertically and horizontally in the pipe.
5. Joint inspection shall be conducted perpendicular to the joint and panning shall be a single 360 degree motion.
6. Pipe video contractor should be NASSCO certified.