

# **CITY OF FAYETTEVILLE**

## **Public Services Department**

### **Stormwater Control Ordinance and Storm Drainage Record Drawing Requirements**

Two (2) copies of plans must be signed and sealed by a North Carolina licensed professional as outlined in Section 23-31 of the Ordinance and certified by the designer that the completed project and record drawing plans are in compliance with approved stormwater management plans and designs and the requirements of the Stormwater Control Ordinance. Mylars are not required but the submitted plans must be clearly identified as “Record Drawings”.

**Please note that in single-family residential subdivisions where the stormwater management facility initially functions as an erosion control measure, it will be necessary to provide a record drawing survey and certification letter at the completion of the drainage system minus the BMP. After the erosion control measure is converted to a stormwater management facility, it will be necessary to provide a record drawing survey and certification letter for the BMP only.**

#### **Storm Drainage Pipe and Inlet Information**

- Slopes
- Pipe length and size
- Pipe material
- Pipe location
- Inlet rim elevations
- Invert elevations
- Verify special requirements (such as Class IV pipe or o-ring joints)

#### **Storm Drainage Ditch Information**

- Typical cross-section for all designed ditches. Indicate location of changes if cross-section varies from the typical

#### **Water Quality Facilities <sup>(1)</sup>**

- BMP Type (Wet detention basin, Stormwater Wetlands, Bioretention, etc.)
- BMP Name (Project or subdivision name – BMP Type – Number) as shown on plat
- Field location
- State plane coordinates of each water quality facility and structure
- Wet detention basin elevation for high water mark (full pond)
- Surface area and depth
- Length of swales
- Elevations of all outlet structures
- Size of all discharge features
- Verify existence of drawn-down valves, when required
- Spillway and weir cross-sections
- Areas of planted vegetation (planted shelf, etc.)
- Plant substitutions, if applicable

**Stream Setbacks**

- ❑ Major creek name
- ❑ Top of bank labeled (field located)
- ❑ Setback delineation (30 feet, 50 feet, 75 feet)

**Digital Submittal**

- ❑ Submit City software compatible file of record drawing condition (CAD (\*.dwg) is required and GIS shape file if available)

**Required Documents**

- ❑ The latest Engineering Certification Letter
- ❑ Original Operations & Maintenance Agreement recorded and a copy sent to City Engineering
- ❑ Easements and/ or plat recorded

**Inspection Fees**

- ❑ BMP Inspection Fee Paid
- ❑ Road Inspection Fee Paid
- ❑ Pipe Inspection Fee Paid

<sup>(1)</sup> Record drawings shall show the final design specifications for all BMPs and the field location, size, depth, and areas of planted vegetation of all measures, controls, and devices, as installed. The designer of the stormwater management measures and plans shall certify, under seal, that the record drawing stormwater measures, controls, and devices are in compliance with the approved stormwater management plans and designs and with the requirements of this Ordinance.

**Comments:**

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