

## ***Street and Storm Drainage “Record Drawings” Submittal Requirements***

The following identifies the requirements, information, and format for submitting Record Drawings to the Engineering Division of the Public Works Department for review and approval. Record Drawings shall be submitted for any street and city storm drainage infrastructure proposed for maintenance by the City of Greenville. Record Drawings shall be submitted and approved prior to scheduling of the pre-final street acceptance inspection.

All Record Drawings shall include, but not necessarily be limited to, the following:

1. Streets
  - a. Horizontal alignment of the centerline (changes to be noted)
  - b. Centerline final surface elevation :
    - i. intersections - crossing of street centerlines
    - ii. points of vertical inflection (pvi) - street centerline at point of inflection
    - iii. radius points of cul-de-sacs
    - iv. radius points for “hammerheads”
    - v. end of pavement construction (street centerline)
  - c. Width (verification with approved plans)
2. Sidewalks (verification with approved plans)
  - a. Width
  - b. Length
  - c. Thickness
  - d. Material
  - e. Location
3. Stormwater Pipes
  - a. Size
  - b. Shape
  - c. Material
  - d. Length
  - e. Slope



PUBLIC WORKS DEPARTMENT  
1500 Beatty Street  
Greenville, North Carolina 27834

**CITY OF GREENVILLE, N.C.**

USE WITH THE CITY OF GREENVILLE, N.C. STANDARD SPECIFICATIONS ONLY

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| No.                    | Date               | Description        |
|------------------------|--------------------|--------------------|
| 1                      | 9/16/11            | APPROVAL           |
|                        |                    |                    |
| Scale:<br>not to scale | Sheet #:<br>1 of 2 | Detail #<br>C30.01 |

**STREET & STORM DRAINAGE “RECORD DRAWINGS” SUBMITTAL REQMTS**

## 4. Structures (Junction Box, Drop Inlets, Catch Basins, Interference Boxes, Outlet Structures)

- a. Rim/hood elevation
- b. All pipe invert elevations
- c. Material
- d. Construction type (pre-cast, masonry block, or cast-in-place)
- e. Interior bottom elevation of structure
- f. Cover (lid/grate) dimensions
- g. Weirs
  - i. Type
  - ii. Invert elevation
  - iii. Top of weir elevation
  - iv. Length

## 5. Level Spreaders / Flow Diffusers

- a. Length
- b. Material
- c. Depth
- d. Width

## 6. Flared End Sections

- a. Material
- b. Invert
- c. Size
- d. Outlet / Inlet Protection
  - i. Dimensions
  - ii. Tonnage



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