

SECTION 9.00
"AS-BUILT" DRAWING REQUIREMENTS

All entities who construct public waterlines or facilities, storm drainage systems, impoundments, or public streets to be maintained by the City of Asheville shall submit to the Engineering Department an as-built set of construction drawings as a part of the City's acceptance process. **All plan sheets shall be 24" x 36" velum along with a .dxf or AutoCad format digital file.** Lettering shall be bold, clear, and a minimum of 1/8" in height. All applicable information listed below shall be included on all as-built drawings.

9.01 SITE DATA

- A. Acreage in total tract
- B. Average lot size
- C. Total number of lots
- D. Total linear footage and size of streets, water mains, sewer mains, number of valves, fire hydrants and manholes.

9.02 GENERAL INFORMATION

- A. Boundary of tract by courses and distance with references
- B. Tie to N.C. grid coordinate system
- C. 500 scale vicinity map
- D. Scale of drawings and bar scale
- E. North arrow
- F. Location of benchmark with M.S.L. elevations
- G. Seal and signature of North Carolina registered P.E. or R.L.S.
- H. All easements identified and dimensioned
- I. Statement designating drawings are "as-built"
- J. Topography of site
- K. All existing utilities.

9.03 STREETS (Public or Private)

- A. Horizontal alignment with radii, P.C.'s, and P.T.'s of all curves
- B. Vertical alignment with centerline grades, vertical curve lengths, and station and elevation of all PVC's and PVT's and centerline profile.
- C. Dimensioned right of way and street widths
- D. Pavement section
- E. Typical cross section
- F. State plane coordinates must be provided for the centerline of the road

9.04 STORM DRAINAGE

- A. Outline of 100 year flood plain
- B. Pipe material
- C. Structure invert and top elevations
- D. Pipe slope and distance
- E. Size of riprap dissipation pad
- F. Statement of stormwater velocity at all outlets
- G. Show permanent stormwater impoundments.
- H. Include maintenance clause from covenants for stormwater impoundments.
- I. **Certification Requirements:**

The following certifications shall appear on all plans:

"I hereby certify that this plan has been prepared in accordance with the City of Asheville Stormwater Standard Specifications Manual".

Signature: _____

Printed Name and Title: _____

Date: _____

- J. **State plan coordinates must be provided for the catch basins, manholes and other structures.**

9.05 WATER SYSTEM

Refer to section 6-02, Item I for "as-built" requirements.

END OF SECTION 9.00