

SECTION 09000 AS-BUILT CHECK LIST

All entities who construct public waterlines or facilities, public sanitary sewer lines or facilities, streets to be publicly maintained and private streets and travel lanes shall submit to the Town of Cary Engineering Department, certified as-built set of construction drawings and CD containing TIFF images of each sheet, signed and sealed by NCPE and/or NCPLS as a part of the Town's acceptance process. **As-builts must be submitted prior to acceptance of the improvements or issuance of a certificate of occupancy.** The following check list must be attached to each set of as-builts submitted for approval. Each blank must be initialed by the applicant as being included on the as-builts or marked N/A if not applicable to the project. All plan sheets must be 24" X 36" mylar or vellum. Lettering shall be bold, clear and a minimum of 1/8" in height. All applicable information listed below must be included on all as-built drawings.

09010 AS-BUILT INFORMATION

Project Name: _____
TOC Plan #: _____
Submitted by: _____
Phone #: _____
Transmittal Date: _____

09020 DATA

Pg #
____ A. Acreage in total tract
____ B. Average lot size
____ C. Total number of lots
____ D. Total number of stop signs
____ E. Total linear footage of infrastructure chart
 ____ Streets (List individually in lengths: Public, Private or Fire Lane)
 ____ Water mains (Identify size and length)
 ____ Sewer mains (Identify size and length)
 ____ Number of valves (For each size)
 ____ Number of fire hydrants
 ____ Number of manholes
 ____ Other (Any additional appurtenances)

09030 GENERAL INFORMATION

Pg #
____ A. Copy of recorded plat or deed of easements, indicating easements and right of way
____ B. Boundary of tract by courses and distance with references
____ C. Tie to N.C. grid coordinate system
____ D. 500 scale vicinity map
____ E. Scale of drawings and bar scale

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- ___ ___ F. North arrow
- ___ ___ G. Location of benchmark with M.S.L. elevations
- ___ ___ H. Seal and signature of North Carolina registered P.E. or P.L.S. on each sheet that performed as-built
- ___ ___ I. All easements identified and dimensioned. Include legal reference (deed, BOM, page #).
- ___ ___ J. Statement designating drawings are "as-built" on each sheet

09040 STREETS (Public, Private or Fire Lane)

Pg #

- ___ ___ 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. Horizontal and vertical sight lines

09050 STORM DRAINAGE

Pg #

- ___ ___ A. Outline of 100 year flood plain
- ___ ___ B. Pipe material
- ___ ___ C. Structure invert and top elevations
- ___ ___ D. Pipe size
- ___ ___ E. Pipe slope and distance
- ___ ___ F. Size of riprap dissipation pad
- ___ ___ G. Statement of stormwater velocity at all outlets
- ___ ___ H. Show permanent stormwater best management practice
- ___ ___ I. A separate, recorded easement dedication plat for utility extensions outside right of way

09060 WATER SYSTEM

Pg #

- ___ ___ A. Pipe material labeled
- ___ ___ B. Pipe size labeled
- ___ ___ C. Separation from sanitary, storm sewer and gas line shown on plans
- ___ ___ D. Locations with distance references (permanent points/fixed structure)(2 each per appurtenance)
 - _____ Valves
 - _____ Fire hydrants
 - _____ Blow-offs
 - _____ Meters
 - _____ Air release valves
- ___ ___ E. Certification by N.C.P.E. of construction in accordance with the water

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- _____ extension permits
- _____ Certification on the plans
- _____ A separate certification sheet shall be provided
- ___ ___ F. A separate, recorded easement dedication plat for utility extensions outside right of way
- ___ ___ G. Plan and profile

09070 SANITARY SEWER SYSTEM

Pg #

- ___ ___ A. Pipe material labeled
- ___ ___ B. Pipe size labeled
- ___ ___ C. Manhole top elevations
- ___ ___ D. Invert in and out elevations
- ___ ___ E. Pipe slope
- ___ ___ F. Separation from storm sewer, water line and gas line
- ___ ___ G. Locations with distance references (permanent points/fixed structure)(2 each per appurtenance)
 - _____ Clean outs
 - _____ Air release valves
 - _____ Manholes
 - _____ Force main valves
- ___ ___ H. Horizontal control (angles at manholes)
- ___ ___ I. 100-year flood plain elevation
- ___ ___ J. Certification by N.C.P.E. of Construction in accordance with sanitary sewer extension permits
 - _____ Certification on the plans
 - _____ A separate certification sheet shall be provided
- ___ ___ K. A separate, recorded easement dedication form for utility extensions outside right of way
- ___ ___ L. Plan and profile

TOWN OF CARY USE ONLY

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Reviewed by: _____ Date: _____
 Approved: _____ Returned: _____

END OF SECTION 09000

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