



CITY OF WILMINGTON
RECORD DRAWING (AS-BUILT) VERIFICATION CHECK LIST

DATE: _____ PROJECT NUMBER: _____

DEVELOPMENT/SUBDIVISION NAME: _____

Standard Format to Include:

1. All mapping provided shall meet requirements set forth in NC Title 21 Ch.56 and NCGS 89C. Drawings shall include: Title block, name of development/subdivision; owners, north arrow, scale, legend, vicinity map (typ. 1"=200'), date(s) of survey, lot numbers, property lines, easements and owner reference lines and street names.
2. Storm drainage layers to be bolder line type than water, sewer, streets, sidewalks, etc.
3. All base layer elements shall be provided (see below)
4. Drawings shall indicate phases and their relationship to subdivision phases.
5. With multiple sheets, include an indexed cover sheet with labeled sections and sheet numbers.
6. Elevations shall be tied to NAVD 88.
7. Include a minimum of two benchmarks for project area.
8. Preferred scale for drawings shall be 1"=20 to 40'. All infrastructure must be clearly visible.
9. It is preferred that all lettering shall be at least 0.08 inches in height.
10. Engineer's seal and Surveyor's seal as required.

Location of Infrastructure:

11. Stormwater pipes: show pipe type & material, diameter or size (arch, elliptical, etc), length.
12. Stormwater structures: show type, top elevation, structure invert and all pipe inverts in and out to 1/100 ft.
13. All other stormwater conveyances (swales, ditches etc.). Invert elevations with cross sections every 100' or at major grade breaks
14. Stormwater BMP'S: show topographic/contour data to allow for volume calcs. Show critical elevations such as outlet structure inverts, orifice/weir dimensions and inverts, emergency spillway dimensions and elevations.
15. All water/sewer information (within or adjacent to r/w) as required by CFPUA record drawing requirements.

Base Layer:

Base layer items are not required to be surveyed but shall generally reflect the as-built condition and shall include the following as applicable. As-built information not required within single family lots unless public infrastructure extends onto or through the lot.

- Building footprints
- Building downspouts and roof drain lines
- Streets and curb
- Sidewalks
- All other hardscape
- Crosswalks and curb ramps
- pavement markings and signage
- Street lighting and type

Please provide a paper copy (24x36 or smaller) and a digital copy of the sealed as-built survey to Engineering.

Utility record drawings may be combined with storm and submitted as a single as-built or they may be submitted as a separate as-built.

Date Review Completed _____

Reviewer _____