

FINAL PLAT / AS-BUILT PLAN REVIEW
CHECKLIST
FOR
WATER MAINS AND
SANITARY SEWERS

JANUARY 2013



PROJECT NAME _____
PLANS RECEIVED _____
PLANS REVIEWED _____
PLANS RETURNED TO ENGINEER/ARCHITECT
WITH CORRECTIONS TO BE MADE _____
REVIEWED BY: _____ PHONE#: _____

COMMENTS: _____

****ORIGINAL RED-LINE COMMENTS MUST BE RETURNED WITH REVISED PLANS FOR FINAL PLAN APPROVAL. CONTACT PLAN REVIEWEE AND SCHEDULE APPOINTMENT FOR PLAN APPROVAL/SIGN-OFF.****

GENERAL

1) _____ 2 sets of final plat and/or as-built drawings furnished for initial review. After red-line comments addressed, 1 hard copy and 1 electronic copy on disc in AutoCAD, version 2000 or later and 1 copy of plan sheets in PDF or TIFF format required.

2) _____ Final plat and/or as-built drawings shall bear the following note:

Owners Dedication Certificate
City of Gainesville
Hall County, Georgia

The owner of the land shown on this plat and whose name is subscribed thereto, and in person or through a duly authorized agent, acknowledges that this plat was made from an actual survey and dedicated to the City of Gainesville forever, all water mains, sanitary sewers, easements, and associated appurtenances thereon shown.

Owner _____
Date _____

3) _____ Plans stamped by Professional Engineer or Registered Land Surveyor.

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- 4)_____ Legible project location map provided.
- 5)_____ Elevation data referenced to mean sea level (MSL) and survey referenced to state-plane coordinate system including all new manholes.
- 6)_____ If any easements are being dedicated to the City of Gainesville, please include their total area in square feet.

WATER

- 1)_____ All water main testing and construction completed.
- 2)_____ Label existing perpetual water main easements.
- 3)_____ All water main easements are accessible by maintenance crews.
- 4)_____ Label all pipe sizes and pipe material. (Including casing pipe if applicable)
- 5)_____ Label all water valve locations and sizes.
- 6)_____ Include 3 distance references to fixed objects for all valves excluding fire hydrant lead valves. Do not reference valves to one another. If drawing becomes illegible, include enlarged drawing of water valve details.
- 7)_____ Label tapping sleeves and valves and back tap if applicable.
- 8)_____ Label all pipe fittings including tees, bends, reductions, etc.

SEWER

- 1)_____ All sanitary sewer main testing and construction completed.
- 2)_____ Label existing perpetual sanitary sewer easements.
- 3)_____ All sanitary sewer easements are accessible by maintenance crews.
- 4)_____ Label all pipe sizes and pipe material. (Including casing pipe if applicable)
- 5)_____ Label all existing manholes and service line clean-outs.
- 6)_____ Include distance reference to manhole for service stub-outs and length the stub-out extends from the sewer main.
- 7)_____ Label manhole deflection angles.
- 8)_____ Include sanitary sewer profile with following information:

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- A. Pipe size, material, and slope
- B. Pipe length between manholes
- C. Manhole numbers corresponding to plan view numbers
- D. Manhole elevations (top, invert in, invert out, outside drop at top and bottom)
- E. Existing utility crossings
- F. Finished grade
- G. State-plane coordinates of manholes

BACKFLOW PREVENTION AND PRETREATMENT

- 1)_____ Show location of existing fire vault and associated appurtenances.
- 2)_____ Show location and type of existing pretreatment device (i.e. grease trap, lint/hair trap, oil interceptor, muffin monster, etc.) and sample station manhole.
- 3)_____ Show location and type of existing backflow preventers (i.e. double check valve, double detector check valve, reduced pressure zone (R.P.Z.), etc.)