

WHITE COUNTY WATER and SEWERAGE AUTHORITY

Technical Review Checklist

Water Distribution System Plan Sheet Requirements

1. Yes___ No___: North Arrow shown.
2. Yes___ No___ NA___: Symbol legend shown.
3. Yes___ No___: Drawing scale shown.
4. Yes___ No___: Drawing to scale as shown.
5. Yes___ No___ NA___: Grading Plan shown in gray scale.
6. Yes___ No___ NA___: Storm Water System Plan shown in gray scale.
7. Yes___ No___: Street(s) right(s)-of-way shown.
8. Yes___ No___ NA___: 100-year flood plain contour and associated elevation shown.
9. Yes___ No___ NA___: 25-foot State Waters Buffer shown.
10. Yes___ No___ NA___: 50-foot State Water Quality Critical Area shown.
11. Yes___ No___ NA___: Wetlands area shown.
12. Yes___ No___ NA___: The proposed system is not situated on a legally or illegally established landfill.
13. Yes___ No___ NA___: The proposed system will not service a structure situated over a legally or illegally established landfill.

Comments _____

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1. Yes___ No___: Existing water main route shown and correct.
2. Yes___ No___: Existing water main pipe size shown and correct.
3. Yes___ No___ NA___: Proposed water main/distribution system route shown.
4. Yes___ No___ NA___: Connecting location of Development's proposed water main to existing water main shown and correct.
5. Yes___ No___ NA___: Connecting location of Development's proposed single service connection to existing water main shown and correct.
6. Yes___ No___ NA___: Note stating "Tapping saddle and tapping gate valve for connection to existing water main to be provided and installed by Developer. WCW&SA to core tap for a fee.
7. Yes___ No___ NA___: Proposed bore location(s) shown.
8. Yes___ No___ NA___: Proposed bore casing type, size, thickness and length shown.
9. Yes___ No___ NA___: Proposed water main located on north and/or east side(s) of street(s) and inside right(s)-of-way.
10. Yes___ No___ NA___: Proposed water main pipe size, pipe material and pipe class shown.
11. Yes___ No___ NA___: Proposed water main depth indicated.
12. Yes___ No___ NA___: Proposed water main separated from sanitary sewer as follows.
Horizontal separation: 10 foot min. Vertical separation: 18 inch min.
13. Yes___ No___ NA___: Total length of pipe indicated.
14. Yes___ No___ NA___: Total number of fire hydrants indicated.

Comments _____

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Water Distribution System Requirements (continued)

15. Yes___ No___ NA___: Note stating “Water main pipe shall not be installed until curb and gutter is installed.” shown.
16. Yes___ No___ NA___: Proposed water meter/backflow assembly and associated easement for single service shown and correct. 20 ft by 30 ft minimum easement if assembly not within street right-of-way.
17. Yes___ No___ NA___: Proposed fire meter/backflow assembly and associated easement for single service shown and correct. 20 ft by 30 ft minimum easement if assembly not within street right-of-way.
18. Yes___ No___: Structure(s) not within proposed easement(s). Structures shall not be located in any easement.
19. Yes___ No___ NA___: Proposed service connection(s) location(s) to proposed water main shown.
20. Yes___ No___ NA___: Note indicating “Water service connections to water main and service lines to be installed by the Developer or WCW&SA.
21. Yes___ No___ NA___: Existing fire hydrant(s) shown and location(s) correct.
22. Yes___ No___ NA___: Proposed fire hydrant(s) shown and location(s) correct.
23. Yes___ No___ NA___: Proposed fire hydrant(s) spacing correct as measured along edge of pavement and as follows. Residential maximum spacing: 400 feet, Commercial maximum spacing: 250 feet.
24. Yes___ No___ NA___: Proposed fire hydrant in cul-de-sac shown with flushing valve and location correct.
25. Yes___ No___ NA___: Gate valves shown and valve size correct at proposed fire hydrants.
26. Yes___ No___ NA___: Proper hydrant lead pipe size, pipe material and pipe class from water main.
27. Yes___ No___ NA___: Proper location and number of valves at proposed main intersections shown.

Comments _____

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Water Distribution System Requirements (continued)

- 28. Yes___ No___ NA___: Underground Utilities Locations Detail shown and conforms to WCW&SA requirements.
- 29. Yes___ No___ NA___: Long Side Service Detail shown and conforms to WCW&SA requirements.
- 30. Yes___ No___ NA___: Fire Hydrant Detail shown and conforms to WCW&SA requirements.
- 31. Yes___ No___ NA___: Fire Hydrant in Cul-de-sac Detail shown and conforms to WCW&SA requirements.
- 32. Yes___ No___ NA___: Valve Box Detail shown and conforms to WCW&SA requirements.
- 33. Yes___ No___ NA___: Pipe Depth at Edge of Pavement Detail shown and conforms to WCW&SA requirements.
- 34. Yes___ No___ NA___: Pipe Bedding Detail shown and conforms to WCW&SA requirements.
- 35. Yes___ No___ NA___: Thrust Block Dimensions Detail shown and conforms to WCW&SA requirements.
- 36. Yes___ No___ NA___: Thrust Restraint at Fitting Detail shown and conforms to WCW&SA requirements.
- 37. Yes___ No___ NA___: Residential Water Meter and Meter Box Detail shown and conforms to WCW&SA requirements.
- 38. Yes___ No___ NA___: Commercial Domestic Water Meter Detail shown and conforms to WCW&SA requirements.
- 39. Yes___ No___ NA___: Fire Meter Detail shown and conforms to WCW&SA requirements.
- 40. Yes___ No___ NA___: Combination Domestic/Fire Water Meter Detail shown and conforms to WCW&SA requirements.
- 41. Yes___ No___ NA___: Water Meter Vault Detail shown and conforms to WCW&SA requirements.

Comments _____

