

CADD Standards and Procedures Manual



SECTION 12 – CITY OF WACO GIS REQUIREMENTS

When submitting DWG files to the City GIS department at the end of a project as as-built data, the following additional settings will be required. It will be the responsibility of the contractor to ensure that all requirements are met.

1. File to deliver shall be a single DWG file and purged to included only those layers that contain linework.
2. Refer to section **5.8 Standard Coordinate System** for datum requirements.
3. All line work shall be located in one main drawing. All linework shall be set to elevation 0.
4. No Xref's or imagery shall be attached to the drawing.
5. All linetypes shall be set to BYLAYER. All layers shall have the linetype of CONTINUOUS.
6. For water, sanitary sewer, and stormwater drainage, each different pipe size shall be on it's own layer. For example:
 - a. 6" water pipe will be on layer C-WATR-PIPE-6
 - b. 8" water pipe will be on layer C-WATR-PIPE-8
7. All water pipe and structure layer colors shall be blue (pen color #5).
8. All sanitary sewer pipe and structure layer colors shall be green (pen color #3).
9. All stormwater drainage pipe and structure layer colors shall be magenta (pen color #6).
10. All street centerlines shall be located on one (1) layer and that layer color shall be red (pen color #1). Linetype shall be Center.
11. All property lines shall be located on one (1) layer and that layer color shall be white/black (pen color #7). Linetype shall be continuous.
12. All text shall be located on one (1) layer and that layer color shall be white/black (pen color #7). All text shall be "Arial."