

CADD Standards and Procedures Manual



SECTION 7 - BLOCKS

7.1 Block Creation

The City has made every effort to evaluate current and past plans received by consultants to discover the most commonly used blocks and apply those to our current standards. The City may make slight variances from these standards in order to meet the City's needs. These standards need to be followed by contractors and consultants submitting drawings to the City.

The following are the City's standard rules for creating, storing, and using blocks:

1. New blocks in addition to the City master block library must be approved by the City before use.
2. All new blocks will be created on the layer "0" and defined on layer "0". NO EXCEPTIONS!
3. All blocks color should be set to "bylayer".
4. All blocks lineweight should be at "0.00".
5. All blocks will be defined with insertion points at the object snaps of the object. Typical Snap locations for blocks are the center of the object or the lower left corner.
6. All attribute text styles will follow the text style standards of this manual.
7. When creating "wblocks", the new blocks and will be stored in S:\Engineering\Design Dream Team Tools\0-Notes & Blocks.
8. All blocks will be managed as separate drawing files.
9. Blocks will be named using a method similar to our file naming convention.
10. There shall be no nested blocks (Blocks within Blocks)
11. The 'BASE' within a block file should be set to 0,0,0

7.2 City of Waco Blocks

The City has developed blocks within a master block drawing, as well as maintained the blocks within individual drawing files to create a block library. It is recommended that consultants use these blocks for consistency within drawings for the City. A master file can be downloaded from <https://www.waco-texas.com/Departments/Public-Works/Engineering/CADD-Standards>

For any additional blocks that you may need or use within your drawings, please forward individual drawing files of your blocks and a list describing each block to the City. After review, the City may allow you to use these blocks for your project. The City may adopt these new blocks to use within their CADD Standards.