

ARTICLE 4-3 GRAPHIC STANDARDS

Unless specified otherwise, the graphic standards shall be as recommended in the City AutoCAD Standards. The line widths and color requirements for specific features shall be followed as outlined in the City AutoCAD Standards.

See [Part 4-3\(K\) Legend](#) for the City Legend. This drawing also includes line width, color standards, and text styles.

~~The recommended plot style, in .dwt format, can be accessed at the following hyperlink: [ABCWUA Plot Style](#).~~

Part 4-3(A) Plan Scales

The scales for the various plan sheets can be found in [TABLE 4.3.5 TYPICAL PLAN SCALES 1](#) and shall be followed unless otherwise approved by the City project manager or City Engineer.

On a project by project basis, any combination of the following scales may be used with prior approval by the City project manager or City Engineer:

Horizontal	Vertical
1"=100'	1"=10'
1"=50'	1"=5'
1"=40'	1"=4'
1"=20'	1"=2'
1"=10'	1"=1'

Add this scale
1" = 30' 1"=3'



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Plan and Profile using horizontal scales greater than 1" = 30' is not acceptable. Horizontal scales, such as 1" = 50' or 1" = 100' can only be used when the design traverses an undeveloped area with few existing utilities. In very flat areas a 10x (maximum) vertical exaggeration will be accepted. Horizontal 1" = 20' and Vert. 1" = 5' is preferred.

See [Part 4-3\(I\) Bar Scales](#) and [Part 4-3\(L\) North Arrow](#) for hyperlinks to AutoCAD files.

Part 4-3(B) Line Weights

Line weights must conform to the requirements shown in the City standard Legend in [Part 4-3\(K\) Legend](#). Plans containing line work that does not reproduce satisfactorily will not be accepted by the DRC.

Line weights and screening are based on color. The actual display color associated with a specific AutoCAD element color is defined by the color table. Refer to [City Standard Specifications](#) for recommended plot style. If the user is unable to distinguish between the assigned colors, the screen color table can be modified; however, the line widths used shall be as recommended in these AutoCAD Standards.

~~1 Horizontal and vertical scale combinations shall not result in an exaggeration greater than +0.7. *Scales of 1" = 100' can be used for overall layouts only.~~

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