



February 24, 2026

Development Process Manual Review Chair

Re: Development Process Manual (DPM) Changes – Chapter 4 Construction Plan Standards

The Water Authority would like to make some minor changes regarding the Construction Plan Standards, specifically Article 4-3 Graphic Standards, Part 4-3(A) Plan Scales.

Please see attached Chapter 4, Article 4-3 Graphic Standards redlined with the recommended changes as outlined below:

The DPM refers to ABCWUA Plot Style in the third sentence. ABCWUA and the City currently does not have a specific Plot Style for AutoCAD that the engineering community must use. Therefore, I recommend that this statement be removed.

Per DPM Article 4-2(B), ANSCI D size 22"x 34" for full scale and 11"x17" for half scale are to be used. There are a few scales under Part 4-3(A) Plan Scales which do not make sense in the half scale since engineering scales are in 10, 20, 30, 40, 50, and 60 scales. Using a horizontal scale of 1" = 30' in full scale would be 1" = 60' in half scale. This is a scalable scale now. However, when using a popular scale such as 1" = 40' would be 1" = 80' in half scale and that is not on of the scales on the engineering scale.

We would like to add the horizontal scale of 1" = 30' and the vertical scale of 1" = 3'. Also, we would like to just add a new paragraph instead of a foot note as follows:

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.

Sincerely,

A handwritten signature in purple ink that reads "Renee C. Brissette".

Renee C. Brissette, P.E.
Principal Engineer
Utility Development
ABCWUA

cc: file