

These are some notes I compiled while working on updating the Central Region Details to 2016 between 10/2015 and 6/2017. Most of them involve manual scaling factors for using scaled viewports. Some of the regional drawings were drafted with scaled viewports and others drawn all at one scale. See Chris post for more information.

### **AutoCAD Reference**

#### For text:

RomanSM is the old standard (2014 and older)

RomanS is the new standard, except for tables, where RomanSM is still used.

Labels and underline standards:

When purple text height is 0.0438" (1" = 0.25')

- Text is **0.02"** over first green line
- Green lines are **0.0125"** apart
- Label is **0.169"** from bottom green line up to object
- White detail label text is **0.06"** high, **0.02"** above green line, **0.02"** green line extension
- Note text is **0.068"** from bottom of "NOTES:"
- Note box is +/- **1.563"** long
- Space of **0.093"** between top of text and bottom of the label above.
- First tier dimensions are offset 0.1" and the second tier is offset 0.23"

When purple text height is 0.0875" (1" = 0.5')

- Text is **0.04"** over first green line
- Green lines are **0.025"** apart
- Label is **0.338"** from bottom green line up to object
- White detail label text is **0.12"** high, **0.04"** above green line, **0.04"** green line extension
- Note text is **0.135"** from bottom of "NOTES:"
- Note box is +/- **3.125"** long
- Space of **0.185"** between top of text and bottom of the label above.
- First tier dimensions are offset 0.2" and the second tier is offset 0.45"

When purple text height is 0.175" (1" = 1')

- Text is **0.0875"** over first green line
- Green lines are **0.05"** apart for both purple and white text

- Label is **0.4"** from bottom green line up to object
- White label is **0.24"** high, **0.0875"** above green line, **0.0875"** extension
- Note is **0.27"** from bottom of "NOTES:"
- Note box is +/- **6.25"** long
- Space of **0.37"** between top of text and bottom of the label above.
- First tier dimensions are offset 0.4" and the second tier is offset 0.9"

When purple text height is 0.35" (1" = 2')

- Text is **0.17"** over first green line
- Green lines are **0.10"** apart
- Label is **1.35"** from bottom green line up to object
- White detail label text is **0.48"** high, **0.17"** above green line, **0.17"** extension
- Note text is **0.54"** from bottom of "NOTES:"
- Note box is +/- **12.5"** long
- Space of **0.74"** between top of text and bottom of the label above.
- First tier dimensions are offset 0.8" and the second tier is offset 1.8".

### **Dimensions:**

When purple text height is 0.35" and dimension text is 0.24" high and arrow size is 0.4":

Text offset = 0.1"

For 1" = 1'

First tier dimension is offset: **0.4"**

Second tier dimension is offset: **0.85"**

Third tier dimension is offset: **1.3"**