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TIP TUTORIAL

Using Annotation Sets Part 3

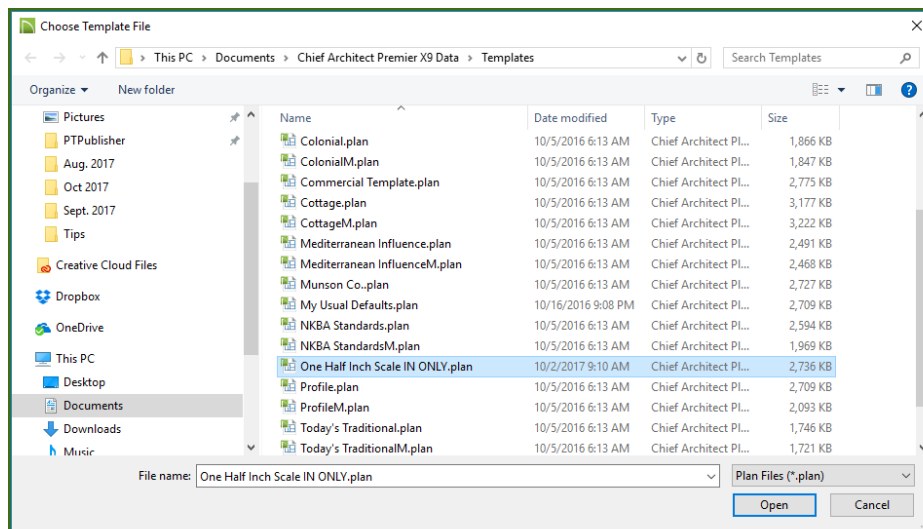
INTRODUCTION



In Annotation Sets Part 3 you will learn how to work with annotation sets.

An annotation set is basically a collection of defaults and layers, which can be saved as a single group. This makes it easy to change display properties for several objects at once by simply choosing from a menu. For example, one of your saved dimension defaults can be grouped with one of your saved arrow defaults, and one of your saved text defaults, and a saved callout default. This combination can be used in one of your many saved annotation sets. Some other combination can be saved in another annotation set, and so on.

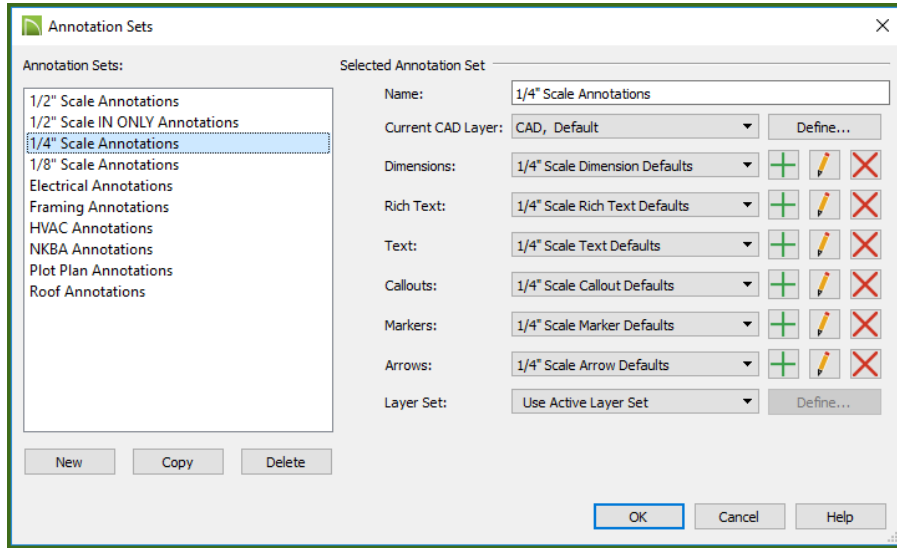
ANNOTATION SETS STEP BY STEP

1. Select **File** ⇒ **New Plan From Template**. The **Choose Template File** dialog displays. Find the template file you created in *Annotation Sets Part 2* using the ½" Scale IN ONLY plan. If you do not have this template file you will need to go back to *Annotation Sets Part 2* (available at www.chiefacademyhomedesign.com) and create it.

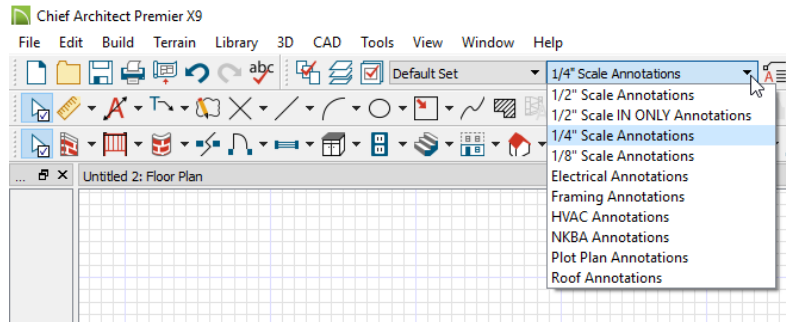


2. Click the  **Default Settings** tool button to display the **Default Settings** dialog. Double-click **Annotation Sets** (you could also just click the  **Annotation Sets** tool button). The **Annotation Sets** dialog display. Note that there are already several annotation sets listed. All of these ship with the program. Click on one and you can modify any of its saved defaults and layer properties, which are listed on the right side of the dialog. Each of these annotation sets has its own **Current CAD Layer**, its own **Layer Set**, and its own defaults for 6 annotation objects.

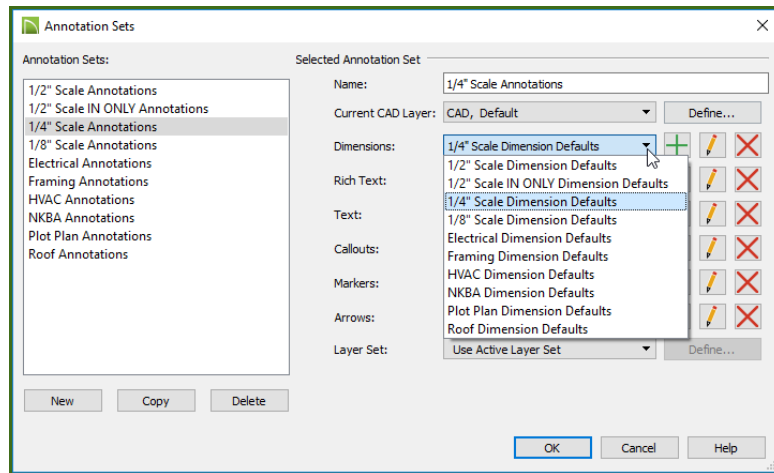
Annotation Sets Step By Step






To choose which annotation set will be active in your model, close any open dialogs and select an annotation set from the **Active Annotation Set Control** drop-down menu. The annotation set that you choose will be the one that is active in the model. It will be active in the entire model, all floors, elevations, sections, and CAD details. Whenever you place one of the annotation objects it will appear with the properties specified by the set of defaults and the layer set in the **Annotation Sets** dialog.




3. In the **Annotation Sets** dialog, select **1/4" Scale Annotations** and note that **CAD, Default** is listed in the **Current CAD Layer** drop-down list box. You could choose any layer or you could define a new one.
4. Click the drop-down arrow for the **Dimensions** drop-down list. You see all of the available saved multiple defaults. Click on any one of them to choose it and it will become the active default for the **Dimensions** annotation object.



Clicking the  icon will allow you to add a new default. Clicking the  icon will allow you to edit the selected default. Click the  icon to delete the selected default. You cannot, however, delete the selected default if objects in the plan are currently using it or if it is the only object left in the drop-down list. There must always be at least one object in the list. Note that all three of the scaled annotation sets (the $\frac{1}{4}$ " , the $\frac{1}{2}$ " , the $\frac{1}{8}$ " **Scale Annotations**) display **Use Active Layer Set** as their **Layer Set** default. This means that when you activate one of the scaled annotations sets it will not change the layer set assigned to the current view. The other annotation sets (except for **NKBA Annotations**), such as the **Electrical Annotations**, do use a specific layer set. The **Electrical Annotations** uses the **Electrical Set**, the **Framing Annotations** uses the **Framing Set**, the **HVAC Annotations** uses the **HVAC Set**, the **Plot Plan Annotations** uses the **Plot Plan Set**, and the **Roof Annotations** uses the **Roof Plan Set**.

If you were to activate the **Plot Plan Set** by selecting it from the **Active Annotation Set Control** drop-down menu, then the active view would change its layer set to the **Plot Plan Set**. You can learn more about working with layer sets and annotation sets in *Annotation Sets Part 4*.

The chosen multiple defaults have been set up and named in a way that they are clearly associated with the selected annotation set.

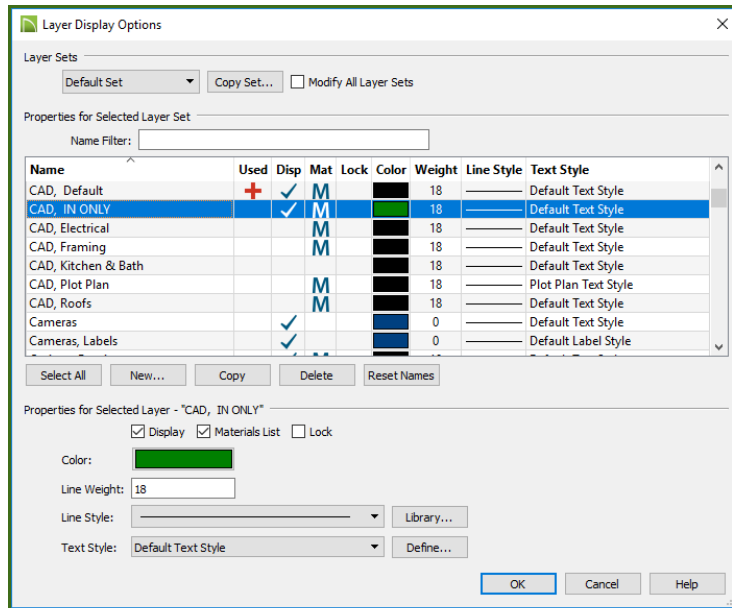
5. In the **Annotation Sets** dialog, from the list of **Annotation Sets**, click on **Plot Plan Annotations**. Click the **Rich Text**  edit icon button. The **Rich Text Defaults-Plot Plan Rich Text Defaults** dialog displays. Note that the number in the **Font Height** edit box is **30"**. Go to the **Appearance** tab. The layer is not the **Text** layer but on a uniquely assigned layer for the plot plan, the **Text, Plot Plan** layer. Click the **Cancel** button.





This begins to reveal some of the flexibility and power of combining both the multiple defaults and layers into annotation sets. Once you have your annotation sets set up you can quickly switch between them to employ a variety of annotation schemes into your construction documents. In *Annotation Sets Part 2*, you created a new $\frac{1}{2}$ " **Scale IN ONLY** annotation set. We will now create a scheme using a unique font, a unique arrow style and callout style.

6. With $\frac{1}{2}$ " **Scale IN ONLY Annotations** selected, note that the **Current CAD Layer** is the **CAD, Default** layer, upon which many objects reside. So you could get some layer control by assigning a specific layer. Click the **Define** button. The **Layer Display Options** dialog displays. Find the **CAD, Default** layer. Select it and click the **Copy** button. Rename the copy to **CAD, IN ONLY**. Change the color for this layer to a green color by clicking on the


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color bar in the **Properties for "CAD, IN ONLY"** section. Once you have changed the color click **OK** to close the **Layer Display Options** dialog.





- Click the **Dimensions** drop-down list arrow. Select **½" Scale IN ONLY Dimension Defaults** (created in **Annotation Sets 2**). Click the  for **Dimensions**. The **Dimensions Defaults- ½" Scale IN ONLY Dimension Defaults** dialog displays. Go to the **Layer** tab. The current layer displayed is the **Dimensions, Manual** layer. Click the **Define** button. The **Layer Display Options** dialog displays. Click the **Copy** button. Rename the copy to **Dimensions, IN ONLY**. Change the color for this layer to a green color by clicking on the color bar in the **Properties for "Dimensions, IN ONLY"** section. Once you have changed the color click **OK** to close the **Layer Display Options** dialog. Go to the **Primary Format** tab. In the **Format** section, make sure " " is selected from the **Unit** drop-down list. Click **OK** to close the **Manual Dimensions Defaults- ½" Scale IN ONLY Dimension Defaults** dialog.
- Click the **Rich Text** drop-down list arrow. Select the **½" Scale Rich Text Default** and click the  icon to display the **New Default** dialog. Change the name to **½" Scale IN ONLY Rich Text Default**. Click **OK**. The **Rich Text Defaults- ½" Scale IN ONLY Rich Text Default** dialog displays. The height, **3"**, is right because we copied the **½" Scale Rich Text Default**. Go to the **Appearance** tab. Change the layer to the **CAD, IN ONLY** layer. Click **OK**.
- In the **Text** drop-down list window, **½" Scale Text Default** should be showing. Click the  icon to display the **New Default** dialog. Change the name to **½" Scale IN ONLY Text Default**. Click **OK**. The **Text Defaults- ½" Scale IN ONLY Text Default** dialog displays. Go to the **Line Style** tab. In the **Line Options** section, click the **Define** button for **Layer**. In the **Layer Display Options** dialog, click the **Copy** button. Name the copy **Text, IN ONLY**. In the **Properties for "Text, IN ONLY"** section, click the **Define** button for **Text Style**. The **Saved Text Styles** dialog displays. Click the **Copy** button. The **New Default** dialog displays. Name the copy, **Default Text IN ONLY Style**. Click **OK**. The **Text Style Defaults-Default Text IN ONLY Style** dialog displays. In the **Size** section, change the **Character Size** to **3"**. Click **OK**. Click **OK** to close the **Saved Text Styles** dialog. Change the color to a green color and then click **OK** to close the **Layer Display Options** dialog. Click **OK** to close the **Text Defaults- ½" Scale IN ONLY Text Default** dialog.
- In the **Callout** drop-down list window, **½" Scale Callout Defaults** should be showing. Click the  icon to display the **New Default** dialog. Change the name to **½" Scale IN ONLY Callout Default**. Click **OK**. The **Callout Defaults- ½" Scale IN ONLY Callout Default** dialog displays. On the **Callout** tab, the radio button for **Circle** should be

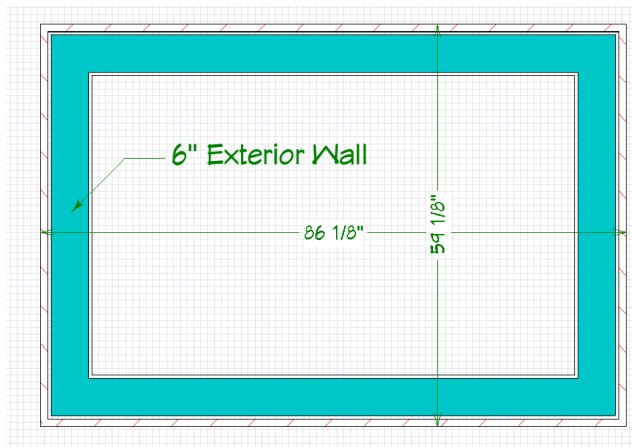
selected, which is what we want. Go to the **Line Style** tab. Change the layer to the **Text, IN ONLY** layer. Go to the **Text Style** tab. Select the radio button for **Use Layer for Text Style**. Click **OK**.


11. In the **Markers** drop-down list window, **1/2" Scale Marker Default** should be showing. Click the  icon to display the **New Default** dialog. Change the name to **1/2" Scale IN ONLY Marker Default**. Click **OK**. The **Marker Defaults- 1/2" Scale IN ONLY Marker Default** dialog displays. On the **Line Style** tab, change the color to a green color. Click **OK** to close the **Marker Defaults- 1/2" Scale IN ONLY Marker Default** dialog.
12. Follow the same procedure for the **Arrows**.

For **Layer Set**, you could select another appropriate layer set, such as the **Default Set**, press the **Define** button, make a copy of the layer set, rename it and define which layers will display and set other properties. For this exercise, we will stick with using the **Use Active Layer Set** selection.

You have now created a **1/2" Scale IN ONLY** annotation set with its unique features. Note how easy it would be to copy this set, make only a few changes to create similar **1/4"** and **1/8"** schemes. We now need to make the **1/2" Scale IN ONLY** annotation set, the active annotation set.



13. Click **OK** to close the **Annotation Sets** dialog. If the **Default Settings** dialog is open, click **Done**. From the **Active Annotation Set Control** drop-down menu, select **1/2" Scale IN ONLY Annotations**.
14. To see the results of how your new annotation set looks draw a quick building with 4 walls.
15. Click the  **End to End Dimension** tool button from the **Dimension Tools** drop-down menu.
16. Draw a dimension to show the distance between the left exterior wall of the building and the right exterior wall. Draw another dimension between the rear and the front exterior walls. You will need to zoom in quite close to see the dimensions. Notice how the dimension is following the rules of the annotation set.
17. Click the  **Leader Line** tool button. Place some text.

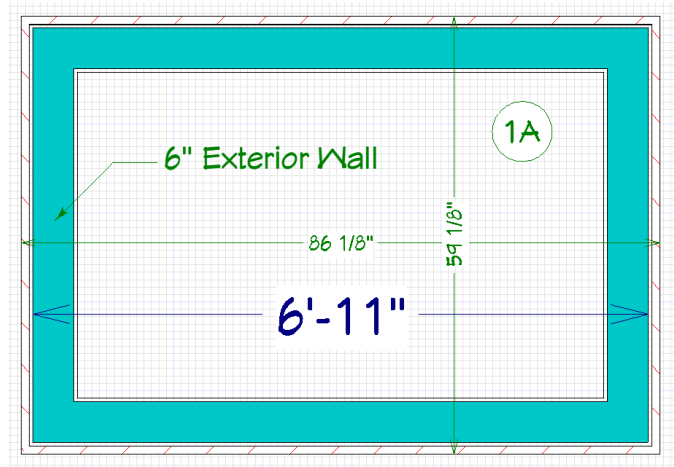


18. Click the  **Callout** tool button and place a callout.


Chief Architect has made it easy and efficient to create, edit, and define different annotation sets. You can make objects appear quite different using one annotation set versus using another annotation set. You can quickly switch between the different annotation sets with just a few clicks. And because you developed a little bit of layer control strategy you can turn on or off the entire annotation set and all its objects in the model.

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19. Display the **Layer Display Options** dialog. Turn off the display of **Dimensions, IN ONLY** layer, the **CAD, IN ONLY** layer, and the **Text, IN ONLY** layer. Click **OK**.
20. Click the  **Undo** tool button (click 3 times if you used the **Active Layer Display Options** palette to turn off the layers) to turn the **Text, IN ONLY**, the **Dimensions, IN ONLY** layer and the **CAD, IN ONLY** layer back on.
21. Select **1/4" Scale Annotations** from the **Active Annotation Set Control** drop down list.
22. Click the  **End to End Dimension** tool button from the **Dimension Tools** drop-down menu. Draw a dimension to show the distance between the left exterior wall of the building and the right exterior wall. Now everything you draw will be following the rules of the **1/4" Scale Annotations** set.





If you make a change in the model to a default that is partly the current annotation set, it changes the annotation set but it is still the same annotation set. It has just been modified. Let's look at an example.

23. Click the  **Rich Text** tool button to activate it on the Annotation toolbar. Double-click it to display the **Rich Text Defaults- 1/4" Scale Rich Text Default** dialog. Change the default color to red and then click **OK** to close the dialog. Its still the same annotation set, but its properties have been changed. Place some text in the plan to see the effect.



If you change a default to something different than the one being used, it alters the current annotation set. It is no longer the same set. Let's look at an example of this.

24. Display the **Default Settings** dialog. Under **Text, Callouts and Markers**, double-click **Rich Text**. The **Saved Rich Text Defaults** dialog displays. Select **1/8" Scale Rich Text Default** from the **Currently Active Rich Text Defaults** drop-down list. Click **OK**. Click **Done** to close the **Default Settings** dialog. Note the name in the **Active Annotation Set Control** drop down list has changed to **Using Active Defaults**.

25. Click the  **Active Defaults** tool button to display the **Active Defaults** dialog. You see **Active Defaults** listed in the **Currently Using** drop-down list in the **Annotation Sets** section. You have a choice. You can either add the modified configuration by clicking the **Define** button, or you could select another annotation set from the **Currently Using** drop-down list and click **OK**. Once you click **OK**, you lose your option to add a new annotation set. If you go back to the **Active Defaults** dialog, you will not see the **Active Defaults** listed in the **Currently Using** drop-down list.
26. Select **¼" Scale Annotations** from the **Currently Using** drop-down list. Click **OK**. Click the  **Active Defaults** tool button to display the **Active Defaults** dialog. Click the arrow for the **Currently Using** drop-down list. **Active Defaults** is no longer listed. Click **OK**.

I have shown you a little about the annotation sets and the flexibility and the power it offers you. Since these defaults and annotation sets save with your plan or layout, you can greatly increase your productivity by putting your annotation settings into your template plan. Annotation settings can also be imported and exported using the **File** menu.