Adding Layers

Template Development Objectives

You will complete the following tasks during this stage of template development:

✓ Create layers.

The next stage of template development includes loading linetypes and creating layers. The templates you create in this book focus on specific drafting discipline standards and use layers with exact names, linetypes, and lineweights.

Mechanical Drafting Template Development

Follow these steps to add layers to the inch and metric mechanical drafting templates. The layers are the same for both templates. The layers are set according to ASME drafting standards and are appropriate for a variety of drawing projects. Create additional layers for specific applications.

1. Access the **Select File** dialog box to open your Mechanical-Inch template file. Remember, you are opening the existing template file using the **OPEN** command, not creating a drawing based on a template file using the **NEW** command.

2. Go to the companion website, select the **Resources** tab, and select **Download All Drawing Templates**. Open the downloaded Mechanical-Inch template file.

3. Use **DesignCenter** to add the layers from the downloaded Mechanical-Inch template file to your Mechanical-Inch template file.

4. Resave and close your template file. Close the downloaded template file without saving.

5. Open your Mechanical-Metric template file.

6. Open the downloaded Mechanical-Metric template file.

7. Use **DesignCenter** to add the layers from the downloaded Mechanical-Metric template file to your Mechanical-Metric template file.

8. Resave and close your template file. Close the downloaded template file without saving.

Architectural Drafting Template Development

Follow these steps to add layers to the US Customary and metric architectural drafting templates. The layers are the same for both templates. Architectural drafting templates and layers are usually drawing specific. For example, use one template to draw floor plans and a separate template to create sections. The layers suggested for these templates are a small sample of architectural drafting layers commonly used for drawing floor plans. Create additional layers for specific applications. The specified layers are set according to the AIA CAD Layer Guidelines.

1. Access the **Select File** dialog box to open your Architectural-US template file. Remember, you are opening the existing template file using the **OPEN** command, not creating a drawing based on a template file using the **NEW** command.

2. Go to the companion website, select the **Resources** tab, and select **Download All Drawing Templates**. Open the downloaded Architectural-US template file.

3. Use **DesignCenter** to add the layers from the downloaded Architectural-US template file to your Architectural-US template file.

4. Resave and close your template file. Close the downloaded template file without saving.

5. Open your Architectural-Metric template file.

6. Open the downloaded Architectural-Metric template file.

7. Use **DesignCenter** to add the layers from the downloaded Architectural-Metric template file to your Architectural-Metric template file.

8. Resave and close your template file. Close the downloaded template file without saving.

Civil Drafting Template Development

Follow these steps to add layers to the US Customary and metric civil drafting templates. The layers are the same for both templates. Civil drafting templates and layers are usually drawing specific. For example, use one template to draw site plans and a separate template to create details. The layers suggested for these templates are a small sample of civil drafting layers commonly used for drawing site plans. Create additional layers for specific applications. The specified layers are set according to the AIA CAD Layer Guidelines.

1. Access the **Select File** dialog box to open your Civil-US template file. Remember, you are opening the existing template file using the **OPEN** command, not creating a drawing based on a template file using the **NEW** command.

2. Go to the companion website, select the **Resources** tab, and select **Download All Drawing Templates**. Open the downloaded Civil-US template file.

3. Use **DesignCenter** to add the layers from the downloaded Civil-US template file to your Civil-US template file.

4. Resave and close your template file. Close the downloaded template file without saving.

5. Open your Civil-Metric template file.

6. Open the downloaded Civil-Metric template file.

7. Use **DesignCenter** to add the layers from the downloaded Civil-Metric template file to your Civil-Metric template file.

8. Resave and close your template file. Close the downloaded template file without saving.