CADWorx Spec Editor Pipe Supports

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Overview

- Where are the pipe supports created?
- In the Spec Editor
- Inside your base Catalog
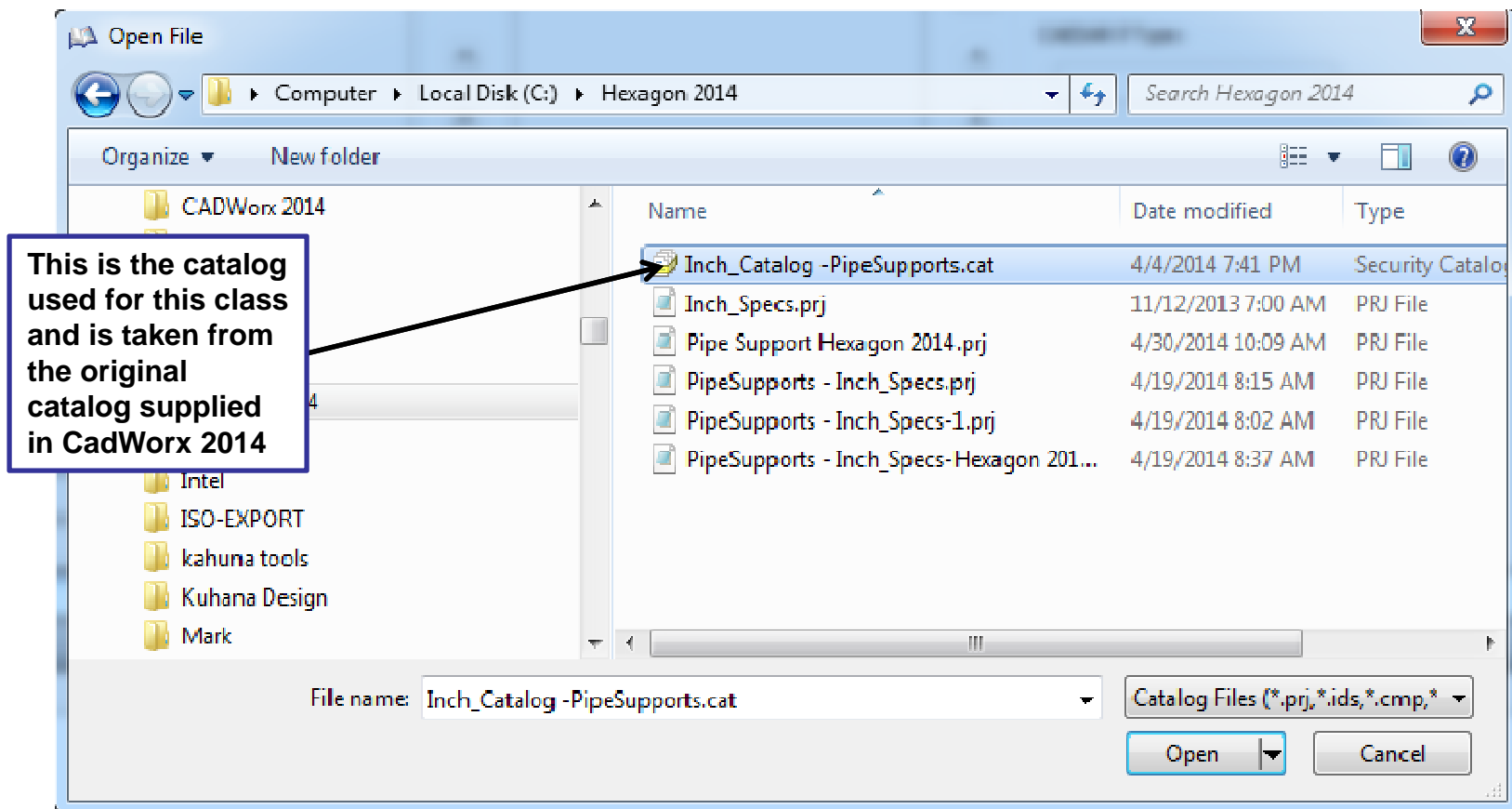- For each PRJ

Inch_Catalog -PipeSupports.cat

Pipe Support CAU 2014.prj

Setting up your modeler

- Open the base Catalog (Inch_Catalog -PipeSupports.cat)

This is the catalog used for this class and is taken from the original catalog supplied in CadWorx 2014
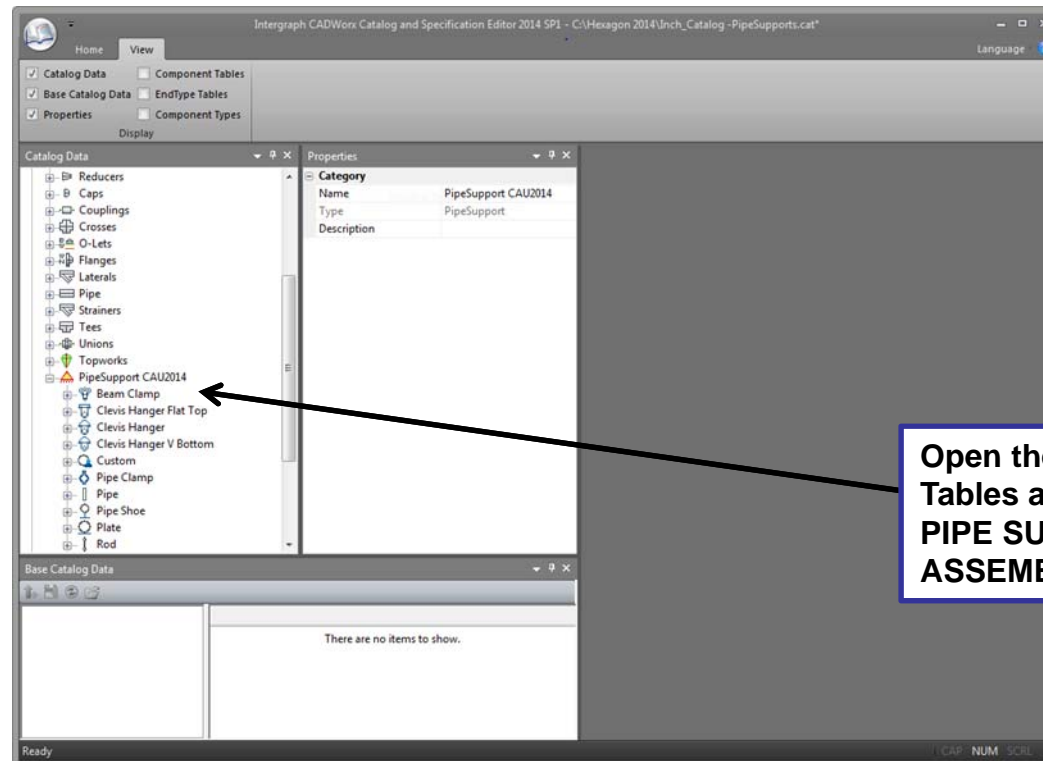
Pipe Supports – What are you going to do?

- Using existing supports out of the box
- Adding a new support
- Creating some custom supports

Open the Spec Editor

- Open the base Catalog
- Then open the "Catalog Data\ Data Tables\ Pipe Support Modeler"

Open the Data Tables and the PIPE SUPPORT ASSEMBLY

Pipe Support Panel

- 1.Click the Home tab, and then click **Add Pipe Support Assembly** in the **Pipe Support** panel.
    - ☐ *The **New Pipe Support Assembly** dialog box displays.*
- 2. Type the name of the new assembly in the **Name** box.
- 3. Use the default catalog, or click the **Catalog** ellipsis for a new catalog. When the **Select Company Catalog File** dialog box displays, select a catalog, and then click **Open**.

- This catalog must contain a **PipeSupport** category for the pipe supports to function correctly. To add a pipe support category, see *Legacy Catalog Data Panel* (on page 40) or to build your own, see *Category Table* (on page 33).

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Pipe support Assembly (cont.)

- 4. Click the **Size Table** list, and then select a size table.
    - This is the **s**ize table from the catalog you selected in the last step. If this catalog does not contain a size table you need to add one before you can add the new pipe support assembly.
- 5. Use the Available **Size** list to select or clear sizes.
- 6. Type your name in the **Created By** box.
- 7. Type a description of the assembly in the **Description** box.
- 8. Click **OK**.
- 9. Click **File** > **Save** to save the changes to the project.
    - *The new pipe support assembly displays under the project name in* ***Pipe Support Assembly***

Import Legacy Pipe Support Assembly

- 1. Click the **Home** tab, and then click **Import Legacy Pipe Support Assembly** on the **Pipe Support** panel.
  - ☐ *The Import Pipe Support Assembly dialog box displays.*

- 2. Click the **Assembly File** ellipsis.
  - ☐ *The Open dialog box displays.*

- 3. Select the pipe support specification for import, and then click **Open**.
  - ☐ Legacy pipe supports are contained in the programs **Spec** folder for 2013 and prior.

- 4. Check the **Catalog** and **Size Table,** and change if needed. These should be from the default base catalog.
  - ☐ If you want to use a different catalog, click the **Catalog** ellipsis, and then select a new catalog. Make sure that this catalog has a **PipeSupport** category for the pipe supports to function correctly.

- 5. Click **Import**. *The pipe supports are added to the Pipe Support Assembly pane under the project.*

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Custom Pipe Supports

- **Adding in a Custom Support**
  - □ Open the Catalog where the pipe supports data tables are.
    - ● (PipeSupport CAU2014)
  - □ Go to the custom data table.
  - □ Click on "Add Data Table"
  - □ Give it a name
  - □ Add size table
  - □ Add description
  - □ Or Part number if required

New Data Table

Name:	PipeClamp_EZ-Line
Type:	Custom
Size Table:	Size

☐ Apply same end-type on all ends

Start:	
End:	
Left:	
Right:	
Part Number:	EZ-LINE
Description:	EZ-LINE pipe clamp modeled from catalog with each size as a un

OK   Cancel   Help

Custom Pipe Supports (cont.)

- Add the drawing "Block Name" and path to the "DWGNAME" column
- Add individual part numbers if required

Make sure you put in the correct drawing name and path

Custom Pipe Supports (cont.)

- Always make sure that you have the right path to your blocks

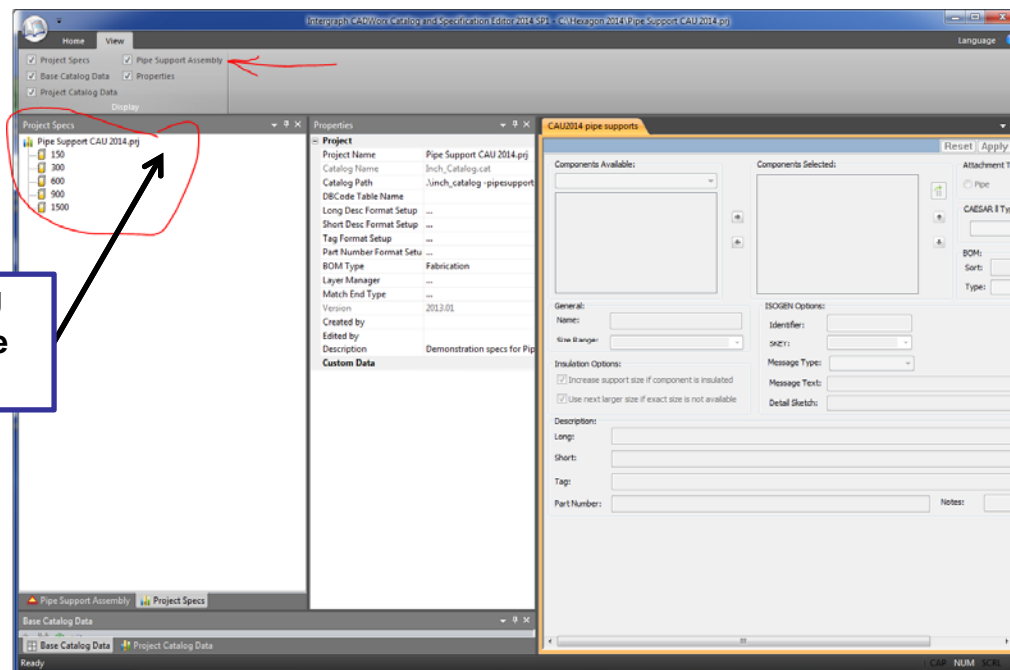- And make sure our blocks are inserted at 0,0,0
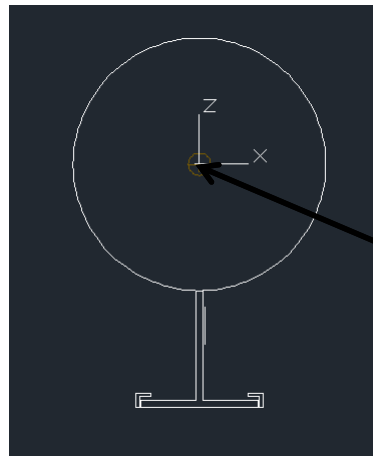
Make sure your block insertion point is at 0,0,0

Adding & Using Supports

- Now you are ready to add to your specifications
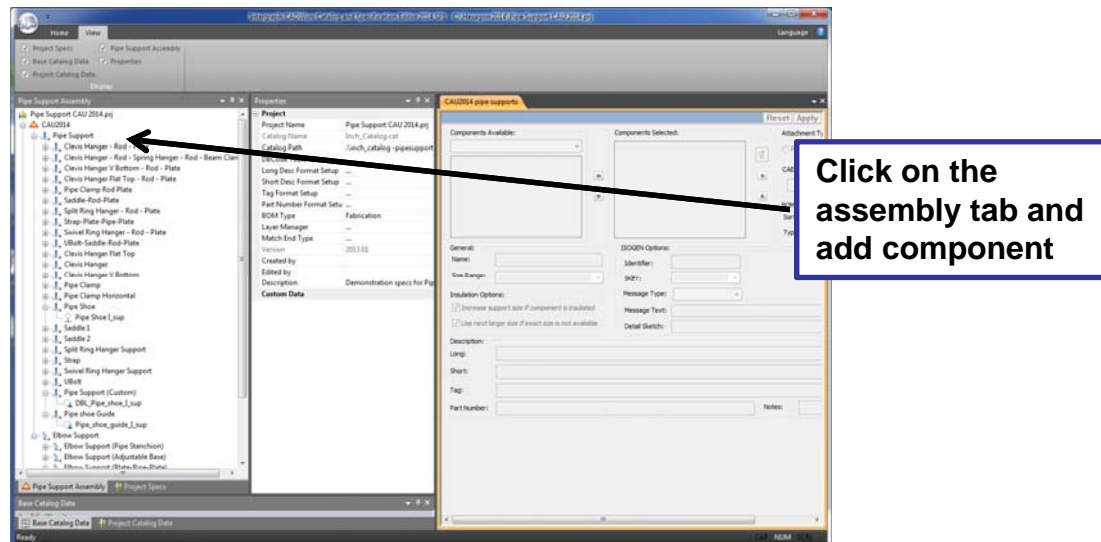- Open the Spec Editor and the Spec .PRJ file

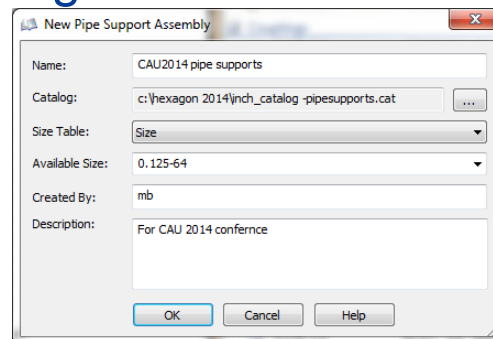**Get into the PRJ file and open the Pipe support**

Adding & Using in the spec

■ Add new pipe support Assembly

Click on the assembly tab and add component

■ Make sure you give it a name

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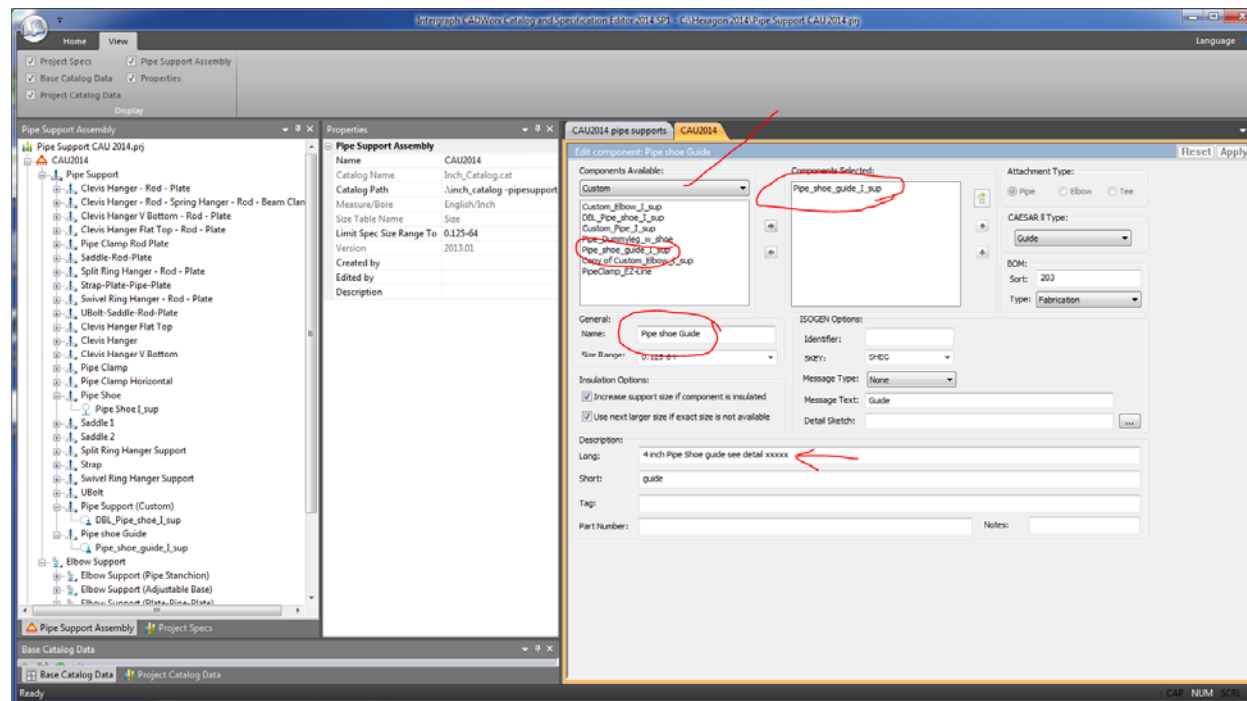
Adding & Using in the spec

- Add new pipe support Assembly

Add the custom component then fill out the info and don't forget to hit the ADD to complete

Adding & Using in the spec

■ Fill out the information you want to see on your support

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Finally lets test it.

- Go to your Piping models and test your support.
- Here we will test on a simple drawing.

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Wish List

- **More customizable assemblies**
  - ☐ Dummy leg with pipe shoes
  - ☐ Double pipe shoes
  - ☐ Other types
- **Ability to have the pipe shoes trim with a sloped pipe**

Questions

- Ask them now.