How to set Pressure Network Catalog for a drawing

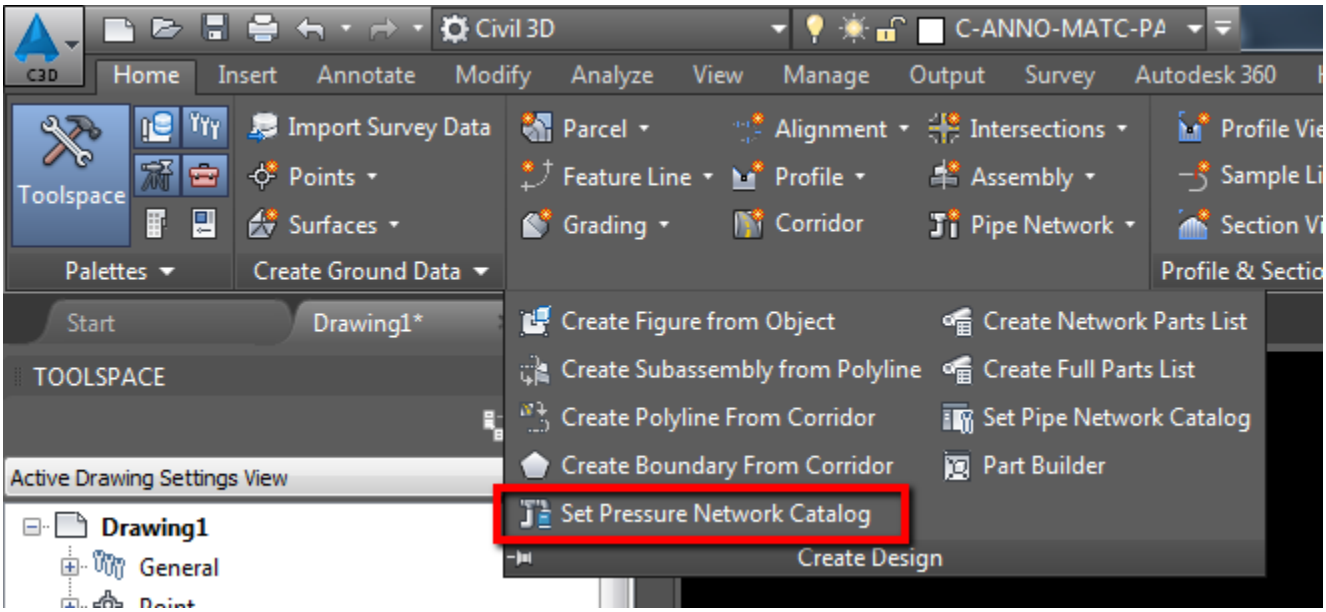
Networks · https://civilwhiz.com/docs/how-to-set-pressure-network-catalog-for-a-drawing/

Motivation

Setting the pressure network catalog for a drawing differs from setting the gravity network catalog, primarily because the gravity network catalog is set on a *per-machine basis*, whereas the pressure network catalog is set on a *per-Parts List basis*. This is an important distinction to keep in mind.

Set the Default Pressure Catalog for New Parts List

From our experience, setting the pressure network catalog via the command line **Home tab -> Create Design panel -> Set Pressure Network Catalog** (as shown below)



or using the `SETPRESSURENETWORKCATALOG` command **does not work**.

To be more specific, it only works when you want to assign a default Pressure Part Catalog when you are creating a new Parts List. But as shown below, pressure network can support multiple part

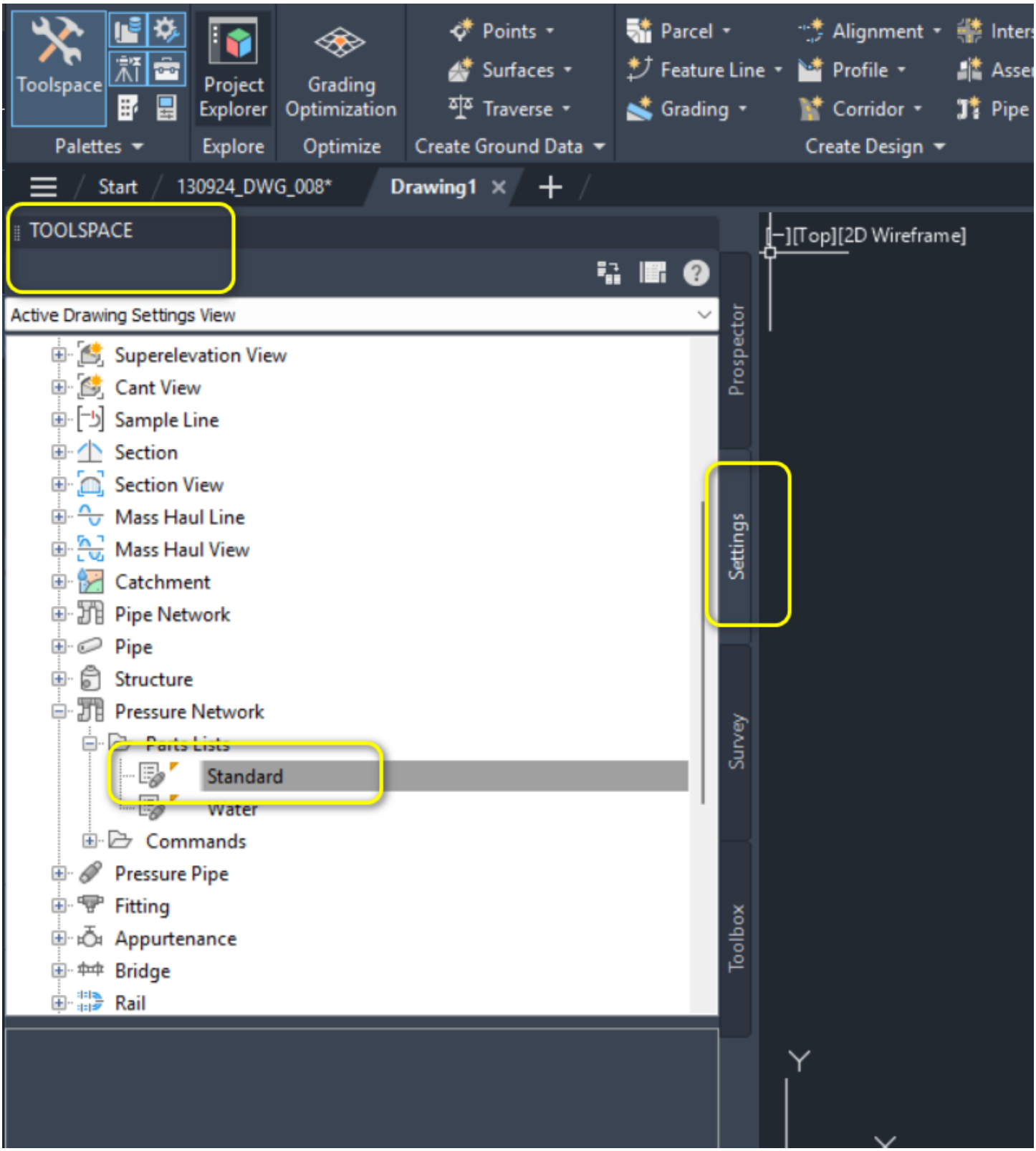
catalogs, so this diminishes somewhat the need to set a first and default catalog.

To do this via C# code, refer to here

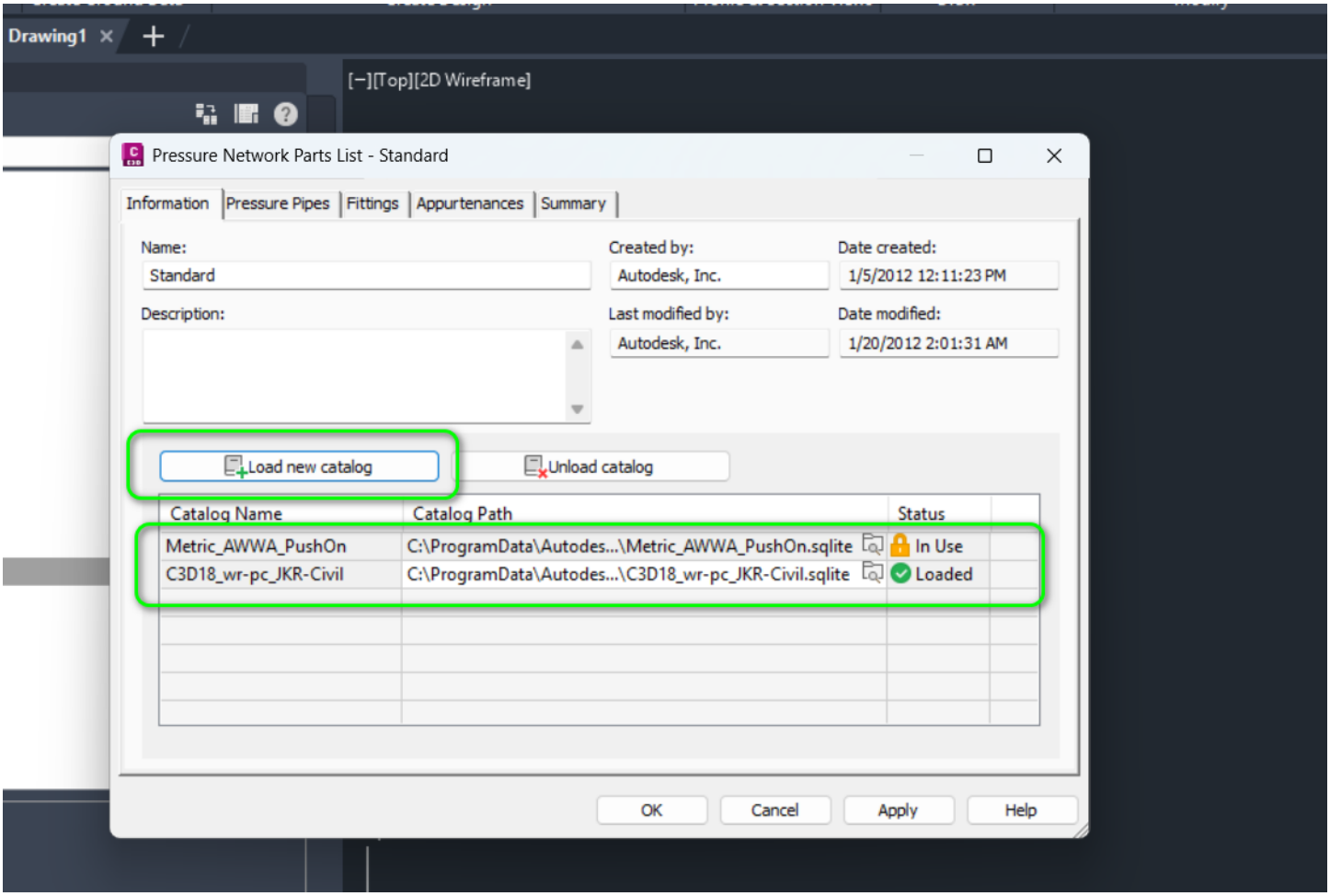
Add in multiple Catalogs on a Parts List

To add in more Pressure Network Catalogs (Pressure Network supports multiple catalogs), you must do it on a **Parts List** basis.

- Navigate to **Toolspace -> Settings -> Pressure Network -> Standard Parts List**.
- Right-click and choose **Edit…**.



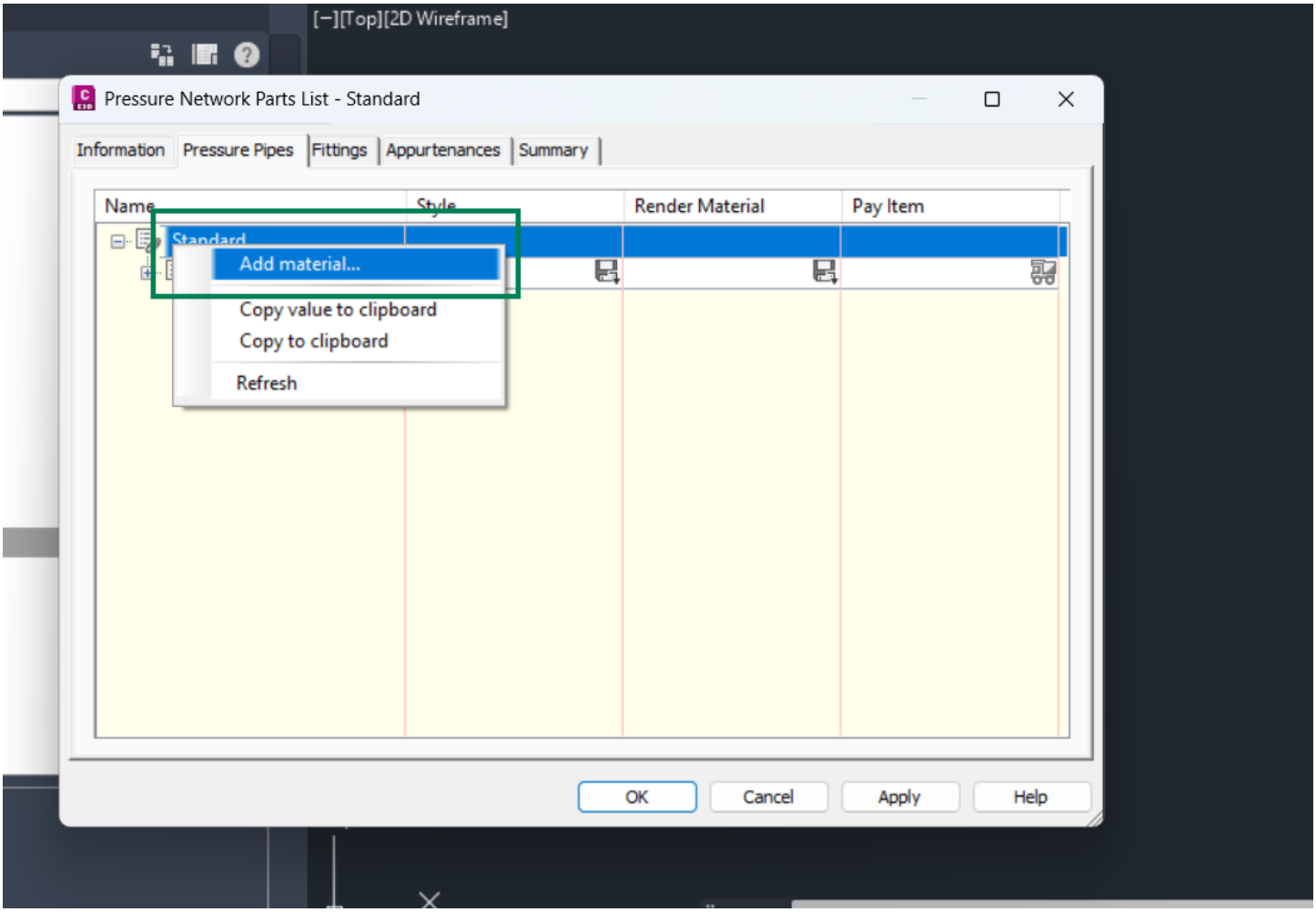
- Click **Load New Catalog** and choose an `.sqlite` file from the catalog path.



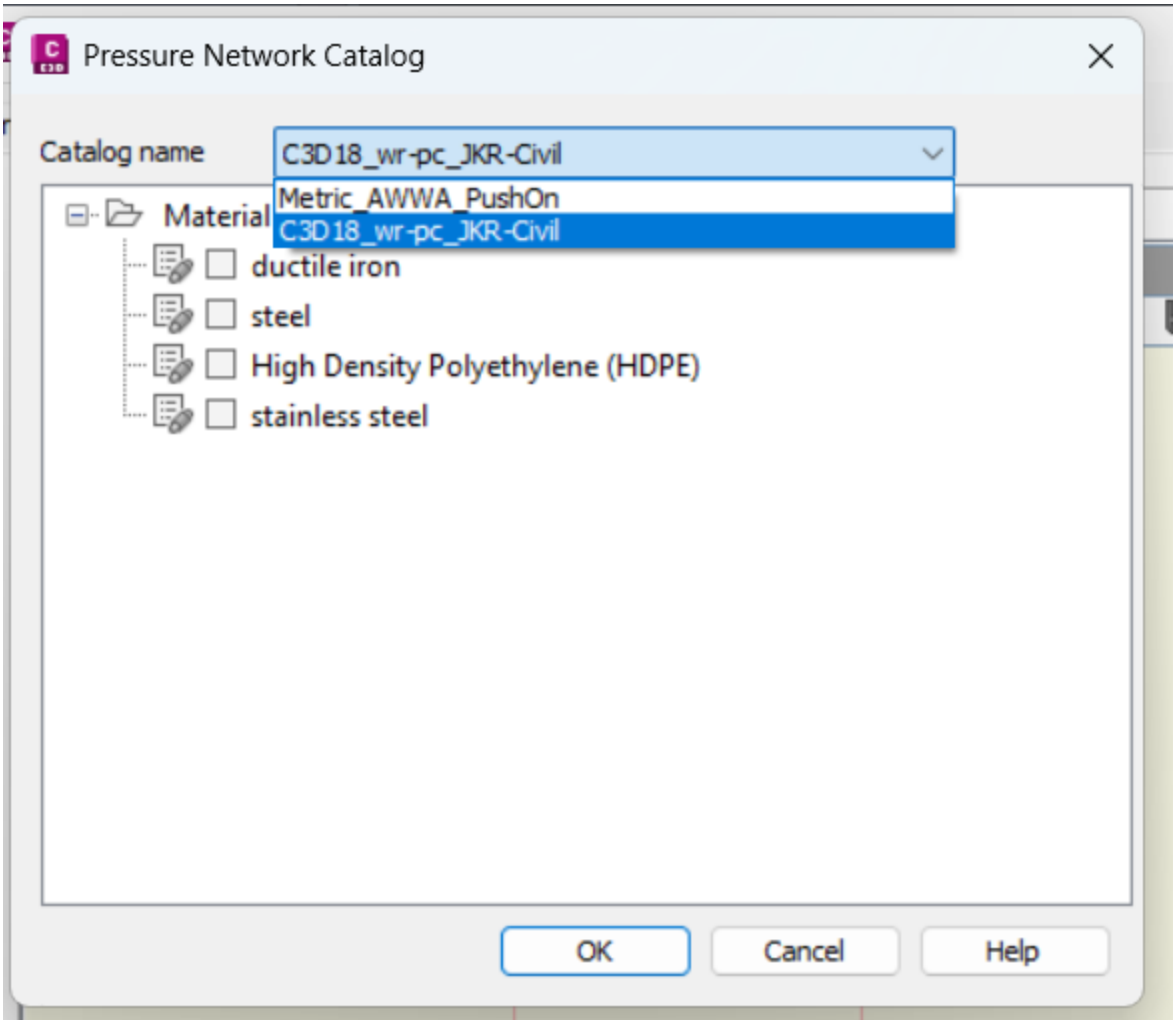
Once completed, you will be able to load multiple catalogs into a single **Parts List** within a drawing. *Unfortunately there is no C# equivalent way of doing this, yet*.

To add new materials/pipe/fitting/appurtenance size to the **Pressure Pipe** (or **Fitting** or **Appurtenance**):

- Click on the **Pressure Pipe** tab.
- Click **Add Material**.



You can then choose **Pressure Pipe** materials from multiple catalog sources, as shown below:



After making your selection, click **OK**. The related **Pressure Pipe Sizes** will now be available in the drawing for use via the **Swap Pressure Part** operation.

Gotchas

Similar to the gravity network, the pressure network catalog must be fully available on the machine to properly use the **Pressure Pipe/Fitting/Appurtenance** sizes. For more details, refer to this post.



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