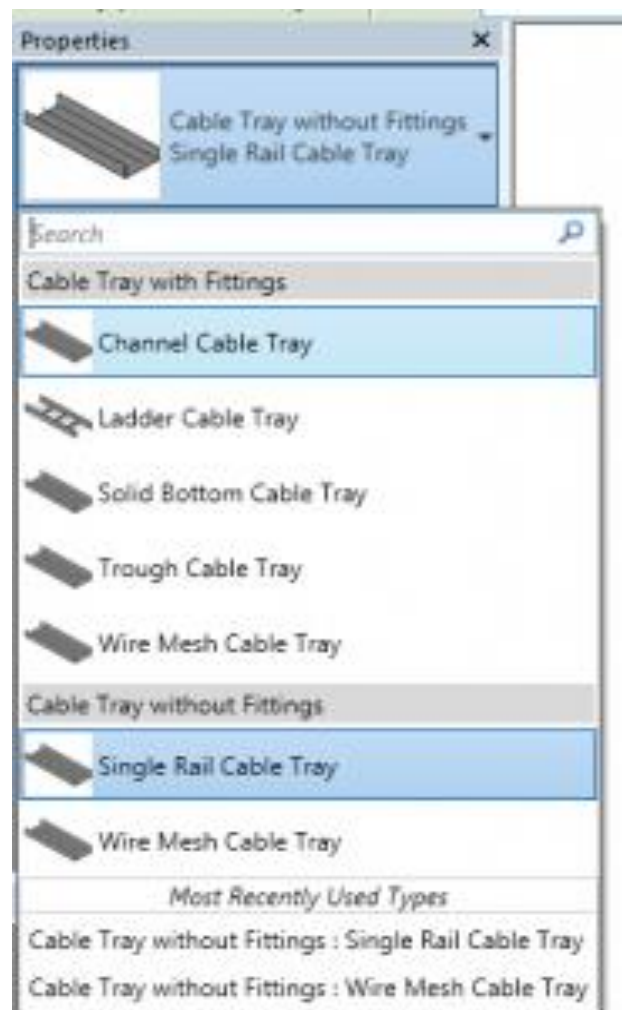


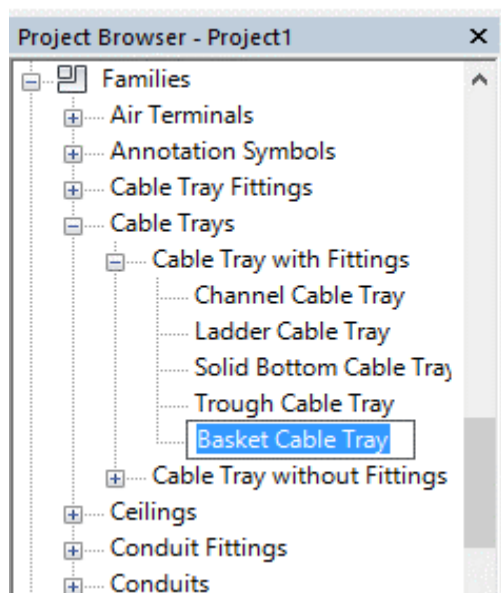
Revit Tips – Filtering Cable Tray Types

The Cable Tray in Revit as a default actually only consists of 2 different types; Ladder and the rest. Although it appears from the Type Selector that there are more, all of the ones except Ladder are made up of the same fittings, only the Type Name has changed. This means that all the cable tray except ladder looks the same on your sheet.

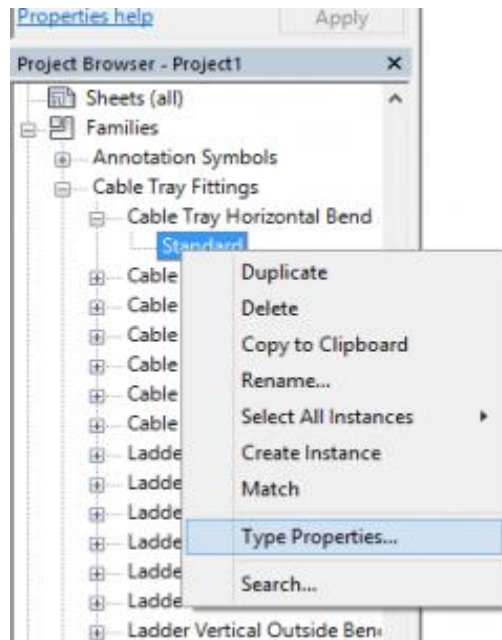


In this document we will look at using View Filters working with the 'Type Name' to enable us to modify the look of Wire Mesh Cable Tray.

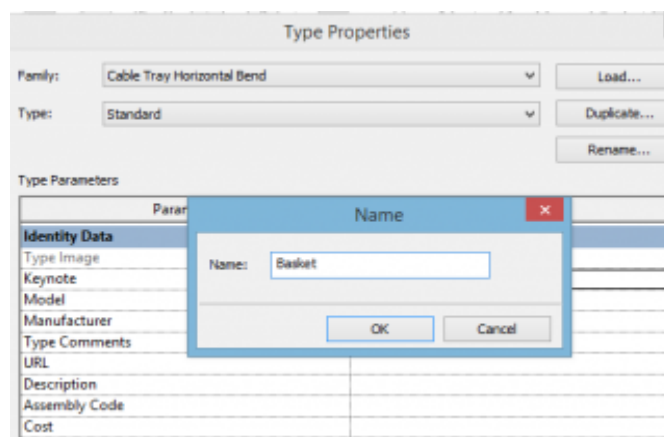
If you would prefer to refer to this type of tray as 'Basket' then one step you may wish to do is rename the Cable Tray Type, this can be done more than one way. One way is in the Families section of the Project Browser, expand Cable Trays, then Cable Tray with Fittings and right click - rename 'Wire Mesh Cable Tray' to 'Basket Cable Tray'. This can be repeated for the Cable Tray without Fittings if you wish.



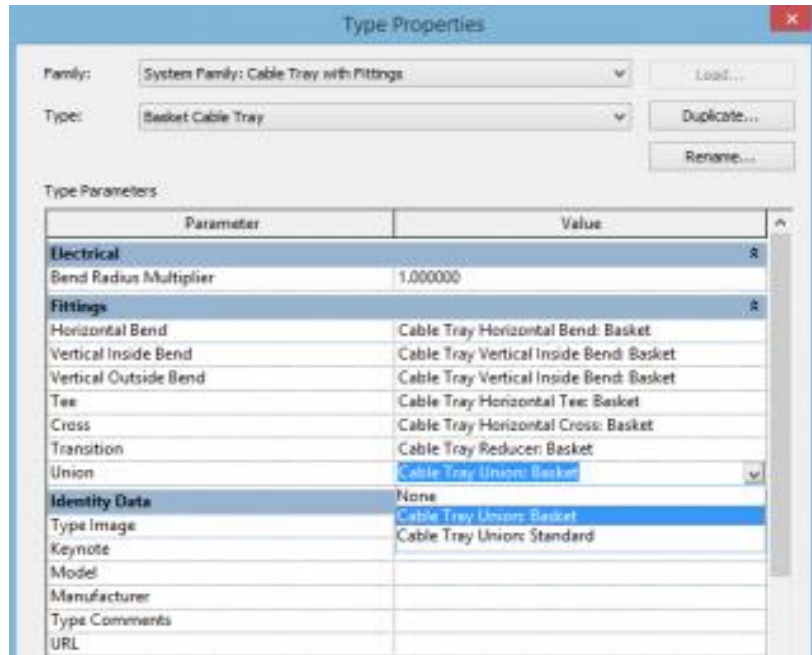
All of the tray types currently share the same fittings, so in order for the filter to be more effective, we will need to duplicate these and apply the new fitting types to our Basket Tray Type.



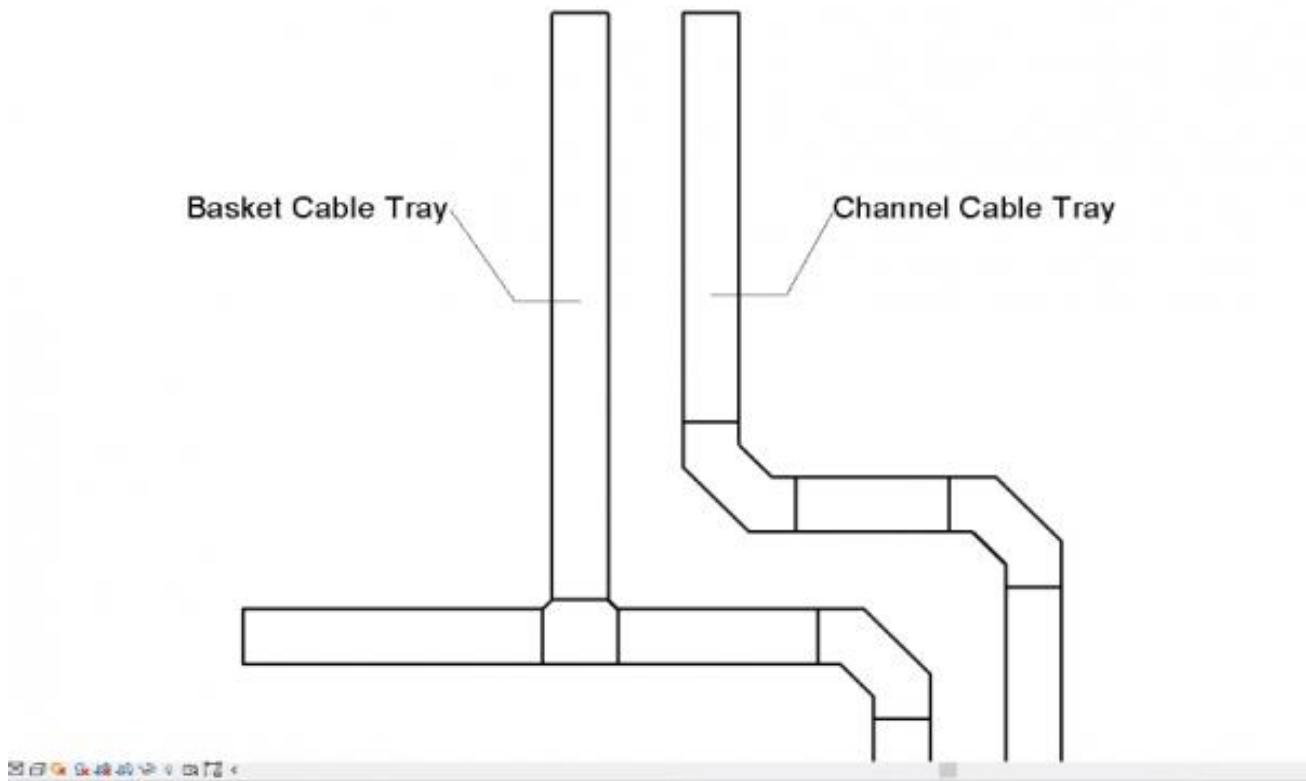
Once into the Type Properties you will be able to duplicate all of the necessary fittings giving them a name relevant to the View Filter, in this case 'Basket'.



Once you have duplicated all of the required fittings you can now apply them to the Basket Cable Tray Type.

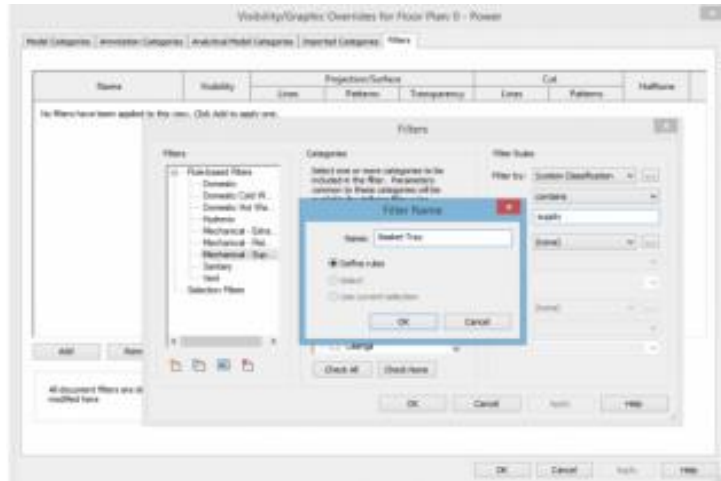


Below shows what the Cable Tray looks like prior to filtering.

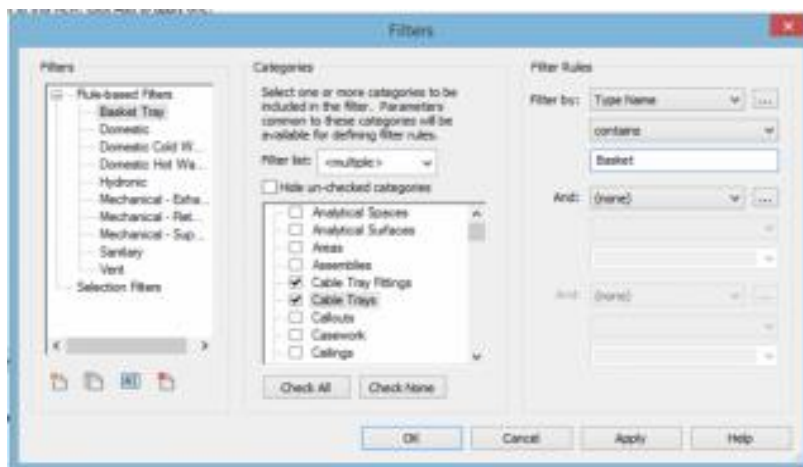


To differentiate between the types first you need to set up the filter as follows;

- Go into Visibility Graphics and click on the filters tab.
- Click on the 'Edit/New' button followed by 'New Filter' to access the dialogue box below.

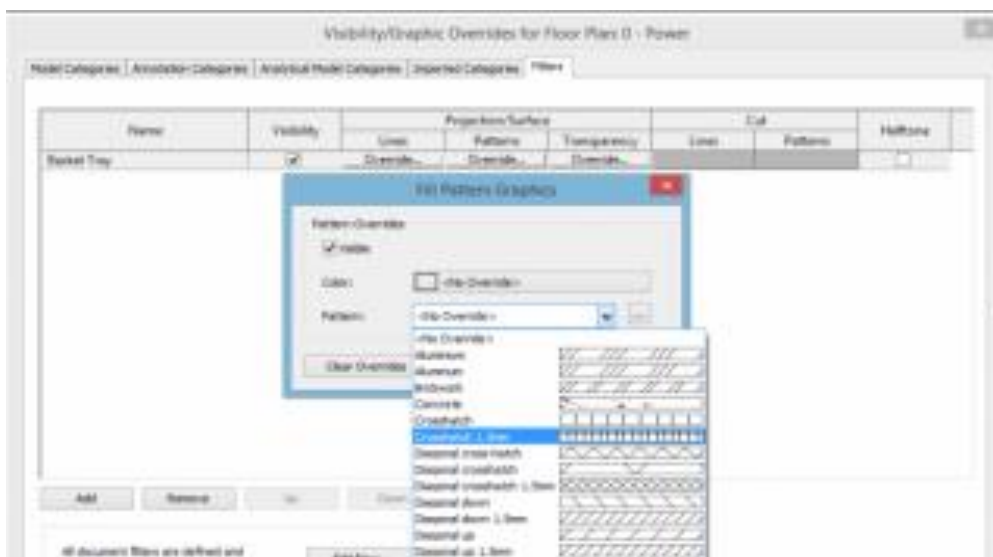


Once you have named the filter click OK to start selecting categories and filter rules as below, using 'Contains' so not as specific. Click OK when finished.

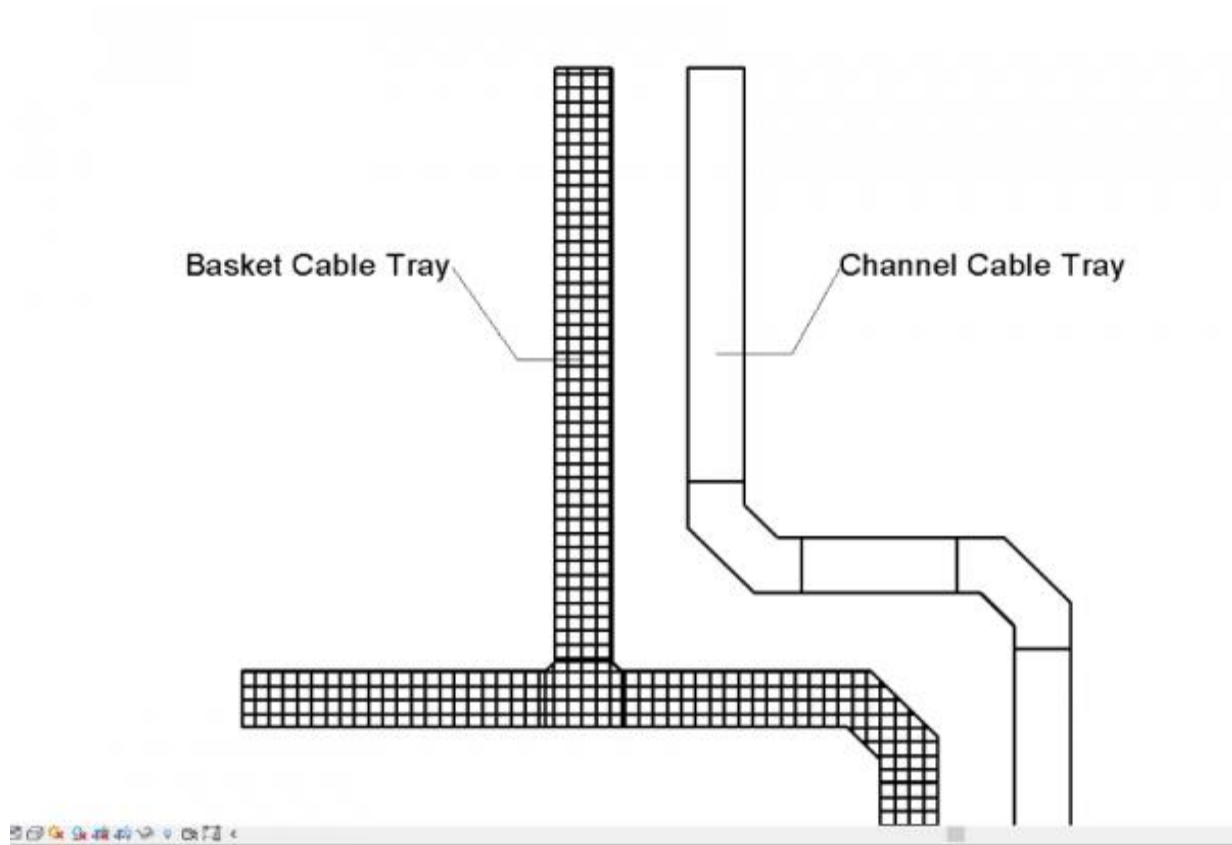


Once the filter is set up you can now apply it to the view by clicking on 'Add' and selecting it from the list.

The filter can be used to override all of the things typically controlled by Visibility Graphics, in this case a pattern override is to be applied.



When you return to your view it should look as below.



Service Type is another useful parameter to use with filters to identify the use of the Cable Tray.

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