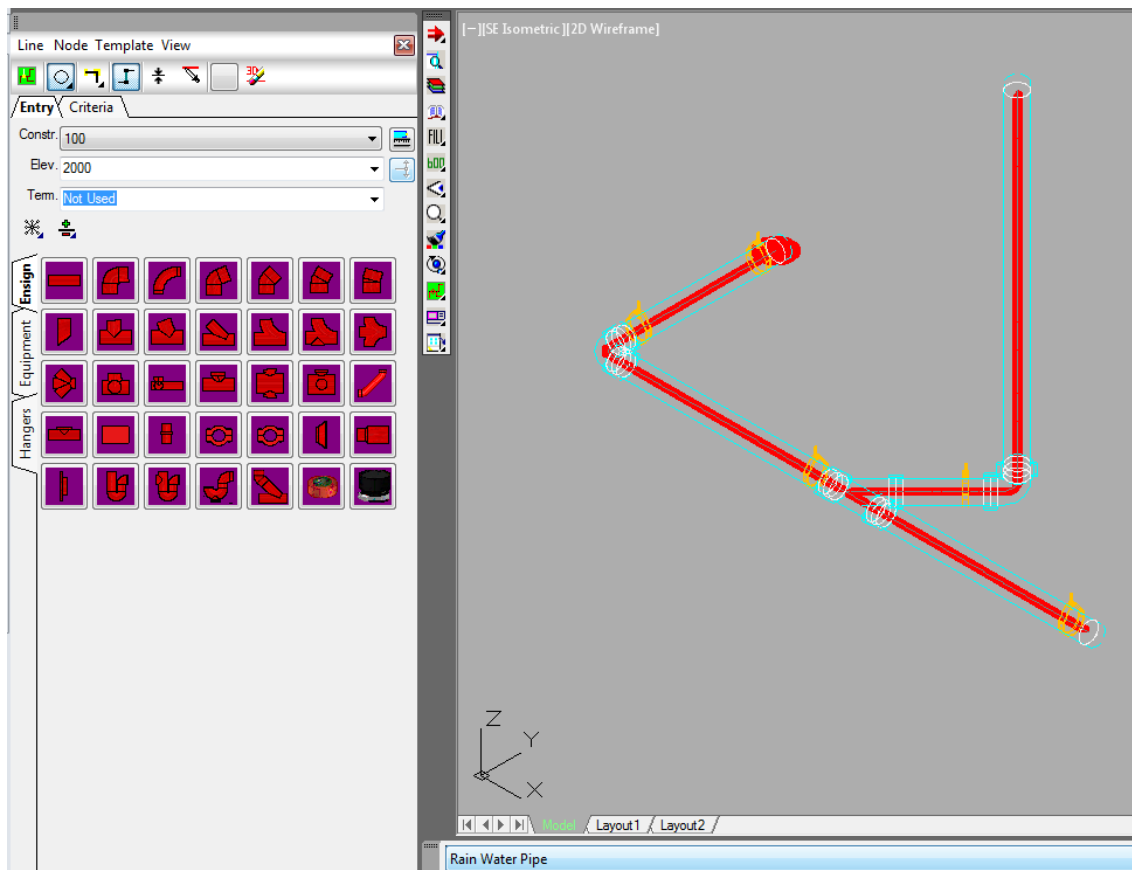


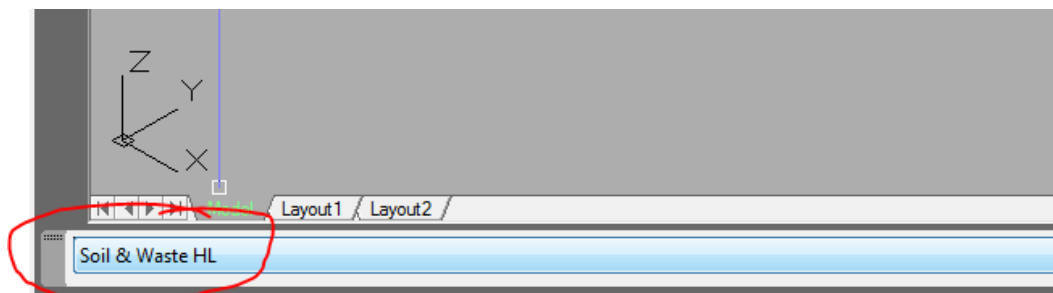
# Editing Design Line Services and Constraints

## Autodesk Fabrication CADmep 2014

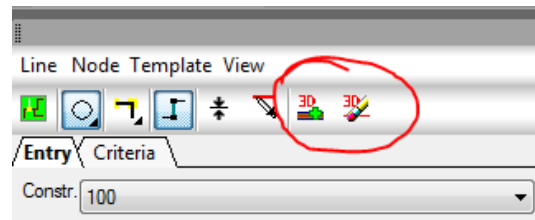
Shown below is an example of a design line that has been placed as '100 diameter Rain Water Pipe'.



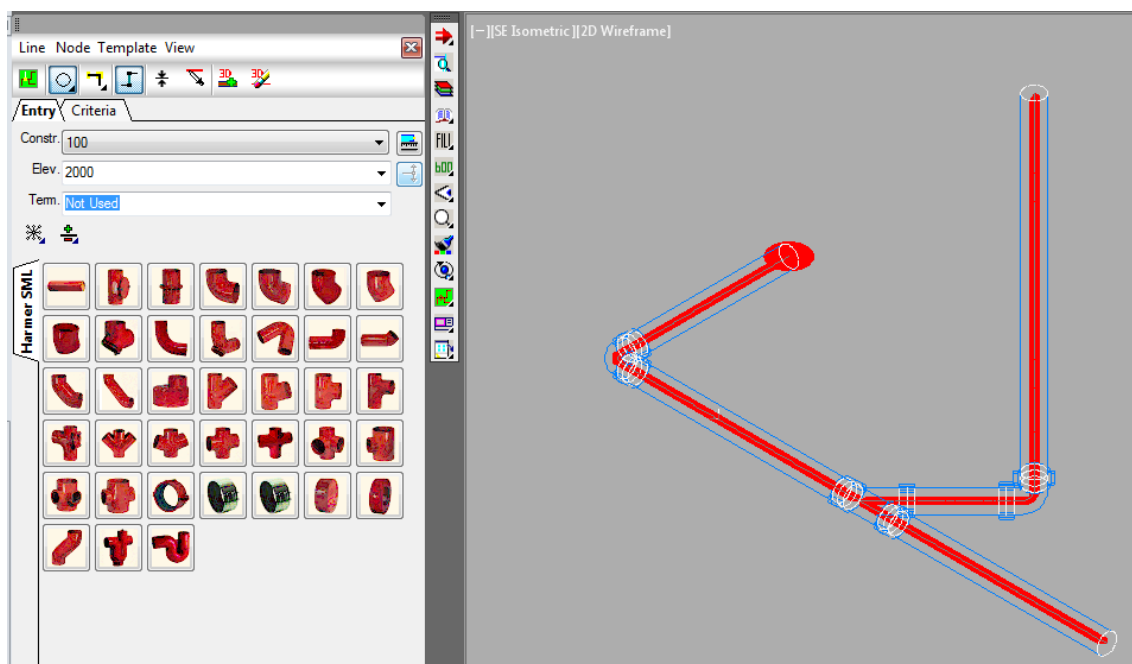
If you want to change the service it is quite simple. Whilst in edit mode on the design line simply select the service you require from the drop down...lets say 'Soil & Waste HL'...



Followed by deleting and reapplying the '3d Fill'...

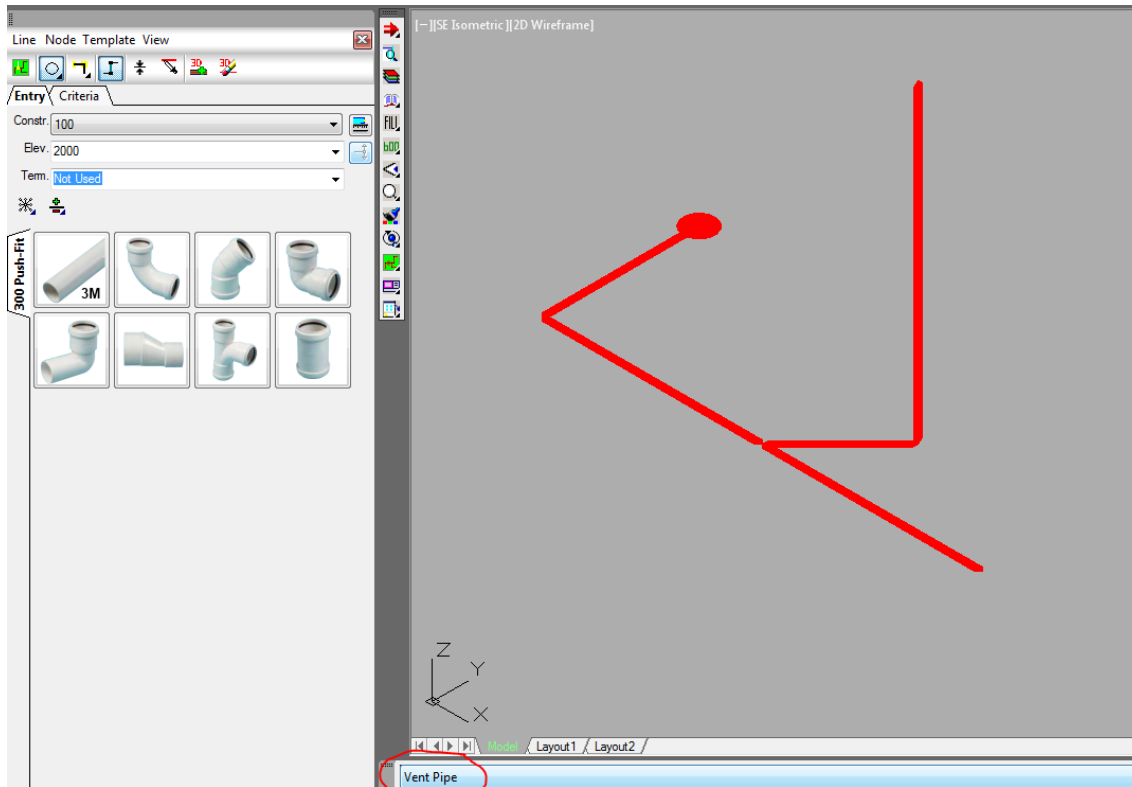


In my example everything is fine....

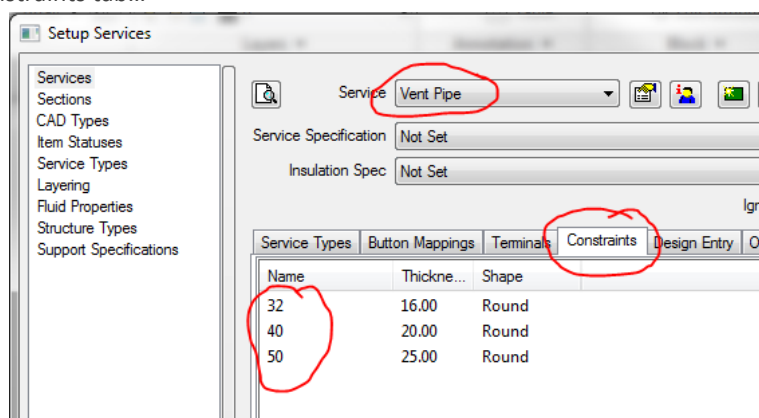


However you may come across problems in some situations including where the criteria do not match up.

For example I placed a 100diameter pipe – if I try and change this now to ‘Vent Pipe’ you won’t see a resultant fill ...



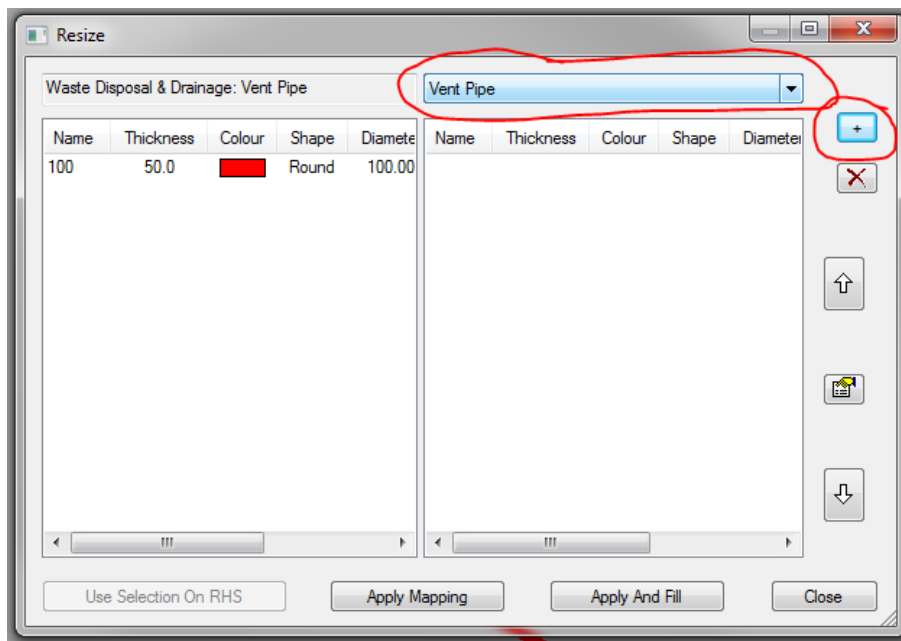
That range of pipes does not come in a 100 by default. This can be seen in the Service Setup panel under the constraints tab...



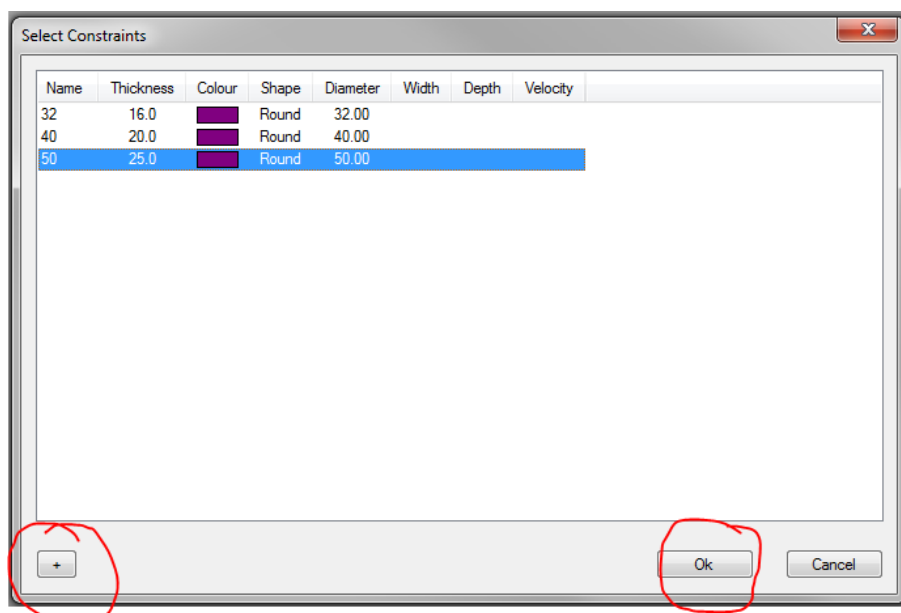
Therefore I would need to add the 100 constraint here for my 3D filling to work.

However, if you have a situation where that size IS invalid in the new service then you will want to **RESIZE** the existing design line. 'Resize' here could also be called 'Remap' as there is the possibility to remap the size and also the service.

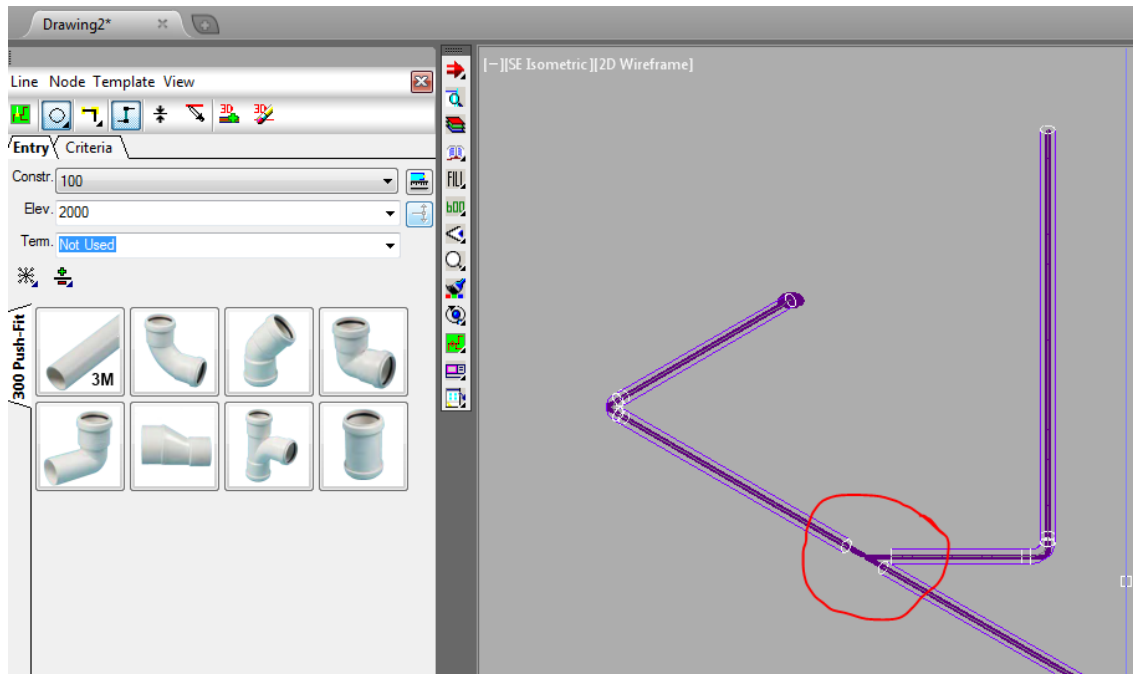
In design line 'Edit mode', use the VIEW > RESIZE command...



Select the new service to map to and use the + button to select the criteria...



After the 'Apply and Fill' is used you should get a newly remapped design line...



In this instance, however, we have also got a fitting which is not now valid.

The 120 degree branch is not available in that service and obviously we need to resolve that through some kind of design change anyway.