

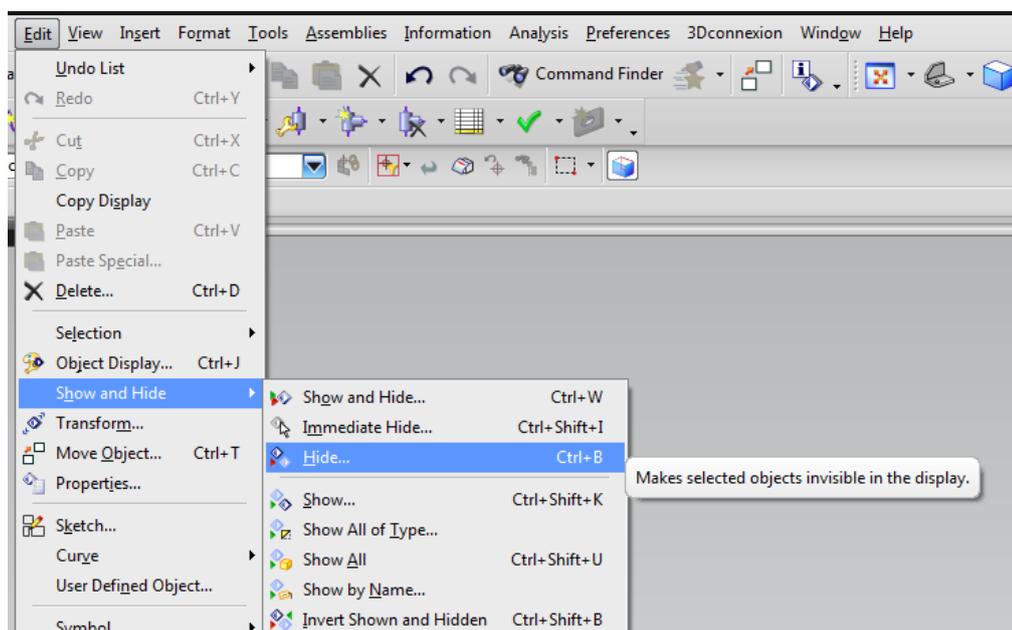
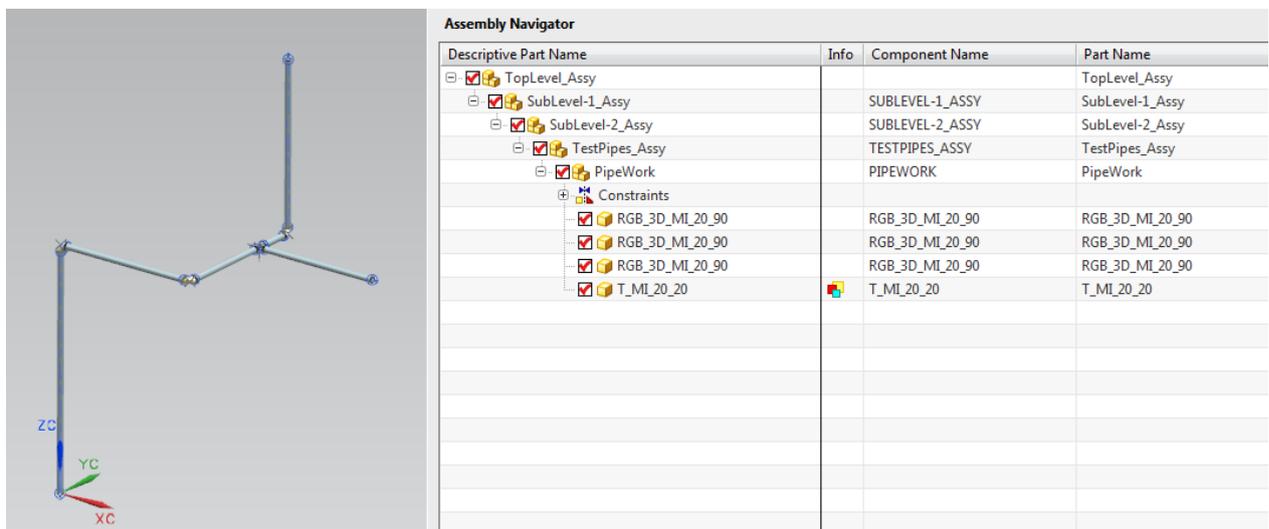
## VB-Program to blank or unblank Routing Objects.

We have Assemblies with many levels of subassemblies. In the following you see a sample-assembly structure with one part – called “PipeWork” – where the routing work will be done. If we create piping-path (center-lines of the pipes), this part will be the “WorkPart”. It is also the “WorkPart” if we create the stock (pipe) or flanges, fittings from the Routing Part Library. The fittings can be Elbow-parts, Tee-parts etc. and will be components of the “Pipework”-Parts.

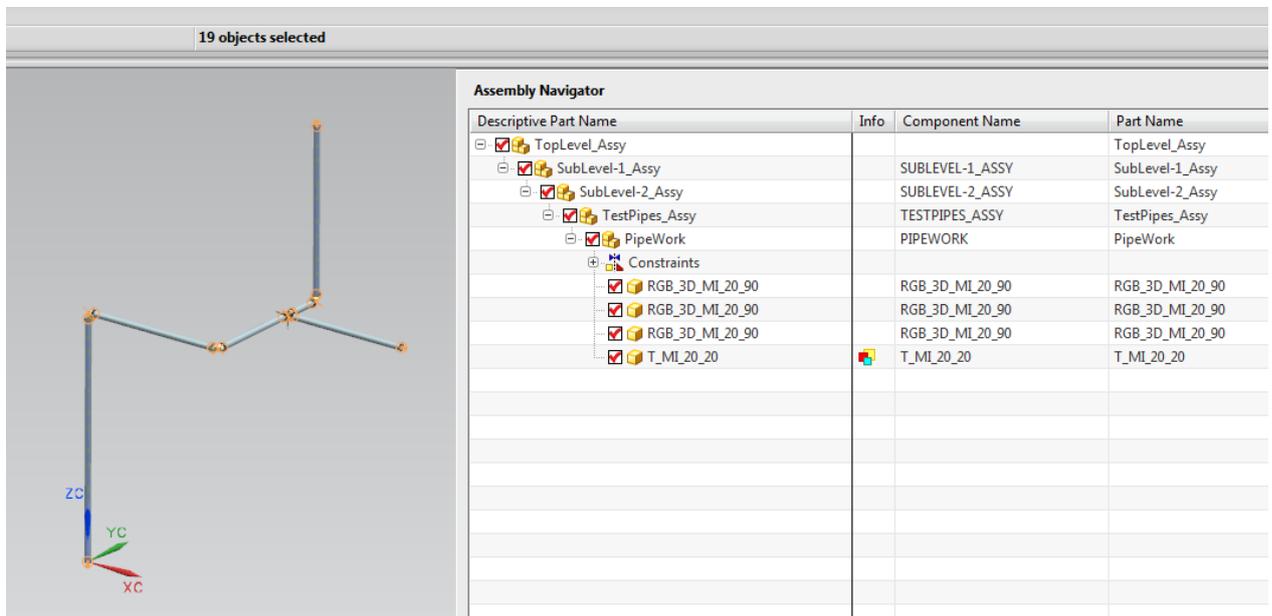
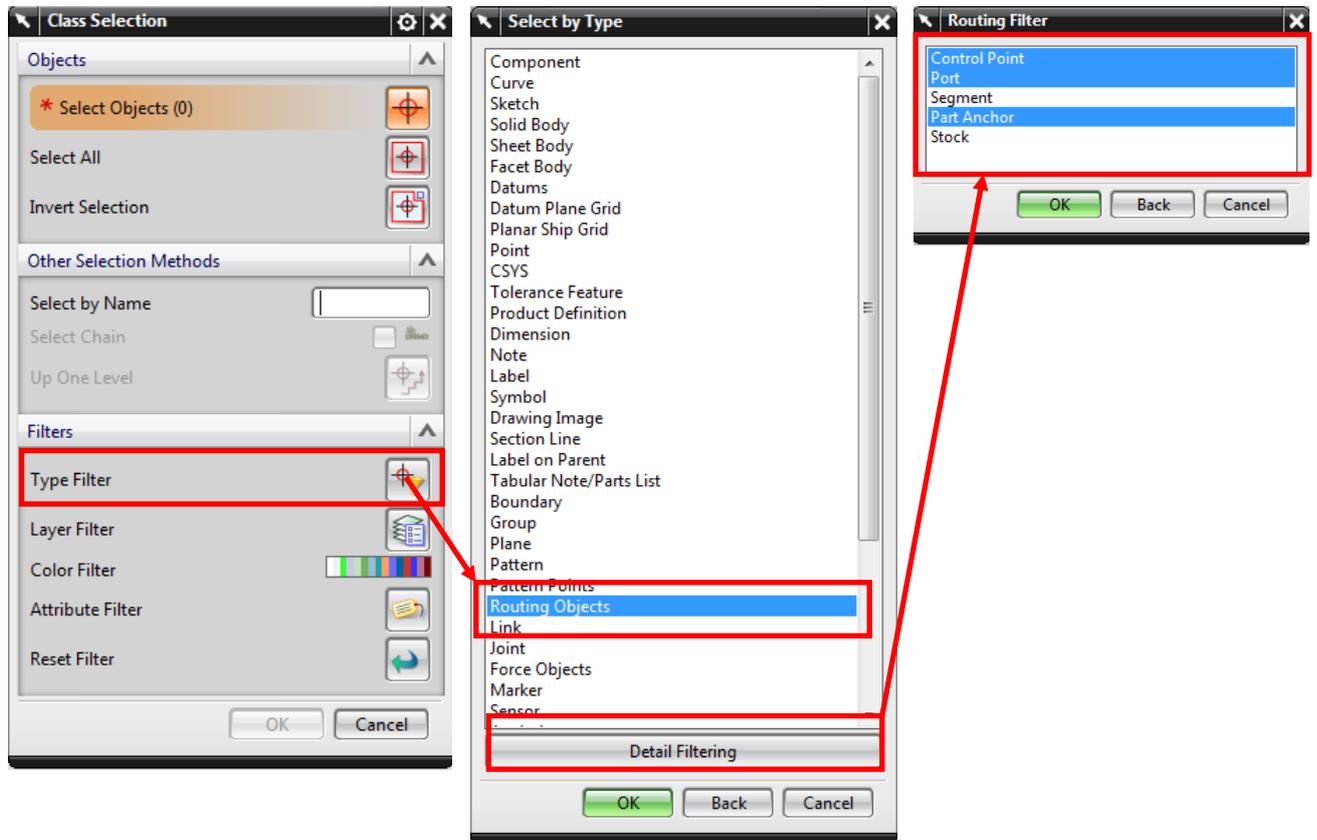
The Routing-Objects, which should be blanked/unblanked resides in the “PipeWork”-Part and are all mostly on Layer 1

In our process we add e.g. the “SubLevel-2\_Assy” to a new Drawing-Master-Part (ship-design, not NX-Ship).

We would like to blank and unblank the Routing-Objects ether in the Drawing-Master-Part, the Drawing-Specification-Part or if the user works in ship-design, also anywhere in the Assembly-Level (TopLevel\_Assy, SubLevel-1\_Assy, etc.).



In the standard Show and Hide Function we can set a “Detail-Filter” to select the special Routing-Objects we would like to Blank or unblank.



This is, what we will do with the new VB-Program.