Sedimentation Tank Arraying Script

layerthaw1 - Layerthaw unlocks the layer "slopes" so that it can be edited.
layerthaw1 <- layerthaw("slopes")

layerthaw2 - Layerthaw unlocks the layer "channel" so that it can be edited.
layerthaw2 <- layerthaw("channel")

layerthaw2e - Layerthaw unlocks the layer "echannel" so that it can be edited.
layerthaw2e <- layerthaw("echannel")

layerthaw3 - Layerthaw unlocks the layer "pipe" so that it can be edited.
layerthaw3 <- layerthaw("pipe")

layerthaw4 - Layerthaw unlocks the layer "elbow" so that it can be edited.
layerthaw4 <- layerthaw("elbow")

layerthaw4a - Layerthaw unlocks the layer "elbowa" so that it can be edited.
layerthaw4a <- layerthaw("elbowa")

layerthaw4b - Layerthaw unlocks the layer "elbowb" so that it can be edited.
layerthaw4b <- layerthaw("elbowb")

layerthaw5 - Layerthaw unlocks the layer "manifold" so that it can be edited.
layerthaw5 <- layerthaw("manifold")

layerthaw6 - Layerthaw unlocks the layer "sludgepipe" so that it can be edited.
layerthaw6 <- layerthaw("sludgepipe")

layerthaw7 - Layerthaw unlocks the layer "lamina" so that it can be edited.
layerthaw7 <- layerthaw("lamina")

layerthaw8 - Layerthaw unlocks the layer "inletpipes" so that it can be edited.
layerthaw8 <- layerthaw("inletpipes")

layerthaw8is - Layerthaw unlocks the layer "inletslopes" so that it can be edited.
layerthaw8is <- layerthaw("inletslopes")

viewtop - rotates the workspace so that the object is viewed from the top.
viewtop <- viewtop1

layerfreeze7 - Layerfreeze locks the layer "pipe" so that it cannot be edited.
layerfreeze7 <- layerfreeze1("pipe")

layerfreeze8 - Layerfreeze locks the layer "elbow" so that it cannot be edited.
layerfreeze8 <- layer\_freeze("elbow")

layerfreeze8a - \texttt{layer\_freeze} locks the layer "elbowa" so that it cannot be edited.

layerfreeze8b <- layer\_freeze("elbowb")

layerfreeze9 - \texttt{layer\_freeze} locks the layer "sludgepipe" so that it cannot be edited.

layerfreeze9 <- layer\_freeze("sludgepipe")

layerfreeze10 - \texttt{layer\_freeze} locks the layer "manifold" so that it cannot be edited.

layerfreeze10 <- layer\_freeze("manifold")

layerfreeze12 - \texttt{layer\_freeze} locks the layer "lamina" so that it cannot be edited.

layerfreeze12 <- layer\_freeze("lamina")

layerfreeze13 - \texttt{layer\_freeze} locks the layer "inletpipes" so that it cannot be edited.

layerfreeze13 <- layer\_freeze("inletpipes")

layerfreeze14 - \texttt{layer\_freeze} locks the layer "channel" so that it cannot be edited.

layerfreeze14 <- layer\_freeze("channel")

layerfreeze15 - \texttt{layer\_freeze} locks the layer "echannel" so that it cannot be edited.

layerfreeze15 <- layer\_freeze("echannel")

layerfreeze15is - \texttt{layer\_freeze} locks the layer "inletslopes" so that it cannot be edited.

layerfreeze15is <- layer\_freeze("inletslopes")

\texttt{bigunion} - \texttt{Union\_all} selects all the objects in the workspace and joins them into one single object.

bigunion <- union\_all

\texttt{layerset} - \texttt{Layer\_set} selects the layer "0".

layerset <- layer\_set("0")

layerfreeze16 - \texttt{layer\_freeze} locks the layer "slopes" so that it cannot be edited.

layerfreeze16 <- layer\_freeze("slopes")