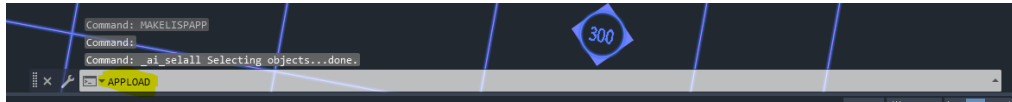


# TidyUp.lsp

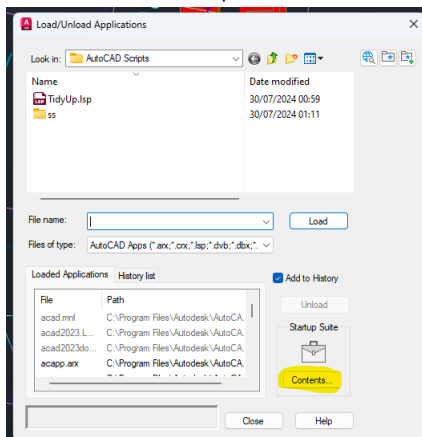
Tidies up DWG cad to bring into revit.

## How to load the script into Autocad

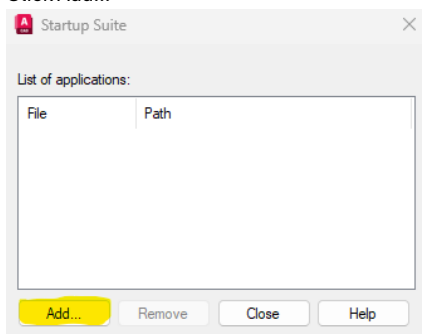
1. Open AutoCAD.
2. Type APPLOAD in the command line and press Enter.



3. In the next menu start up suite area. Click Contents



4. Click Add...



and add the TidyUp.lsp file.  
Located in R:\acad\AutoCAD Scripts

5. If security pop up appears. click "Always Load"
6. Once added close the load/unload application menu.
7. Now whenever you open autocad. To Run the Script. Type "TIDYUP" in the command line and press Enter.

## This script will;

Step 1: Pop up for user Confirmation to do some prelim checks the dwg is geolocated, the layout tabs don't have any viewports open, all layers are on and they've done a zoom extents to look for any junk lines outside of the site, to save the DWG prior to running the script. Etc etc. 2<sup>nd</sup> pop up appears telling user what script will do. User has 2<sup>nd</sup> chance to cancel script.

Step 2: Script will remove all layout tabs (Layout 1 will remain as autocad needs at least one layout tab, all content on layout 1 will get deleted though).

Step 3: Explode All Block References x5 to make sure any blocks nested within blocks get picked up)

Step 3: Delete All Hatch Patterns (this is after block explode to make sure any hatches within blocks are picked up)

Step 4: Audit Command – checks and fixes any errors in the model.

Step 5: Purge Command, repeats until there is nothing left to purge.

Step 8: Pop up appears telling user to switch off any layers they don't need, remove any Xrefs and to save the file in the correct location.

### **NOTE**

User will still have to check;

- If the DWG contains any 3D elements. Eg solids or lines modelled to different Z axis heights (you might want elements to have Z axis heights. Eg topography.
- If the dwg still doesn't come in correctly. One last step would be to copy the required content and paste it in the same coordinates in a new clean Autocad file.