Automatically Create Reference Planes from CAD

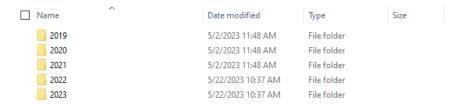
Monday, May 22, 2023 10:45 AM

How to run Dynamo script for creating Reference Planes from CAD Links.

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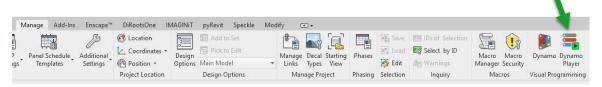
The process below outlines the steps for creating reference planes from a AutoCAD link using a Dynamo script.

Supported Revit Years: 2022, 2023 Script Name: Reference Planes from CAD

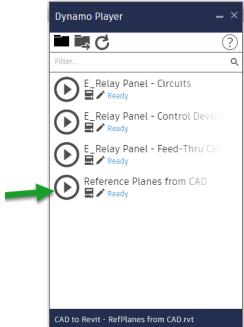


Note: It is recommended to run this automation before you create other reference planes.

1. With your project model open, go the Manage tab and click on Dynamo Player:

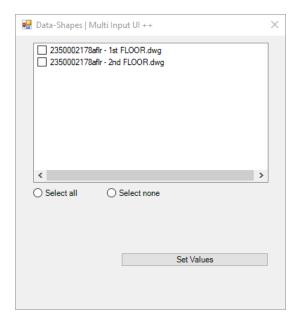


2. Click the play button in Dynamo Player:

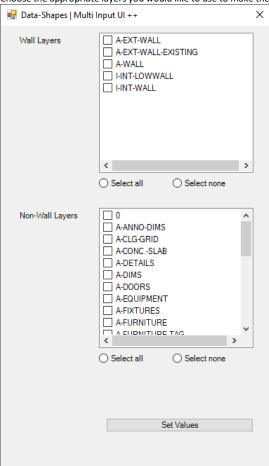


3. Choose the AutoCAD links that you would like to use to create the reference planes:

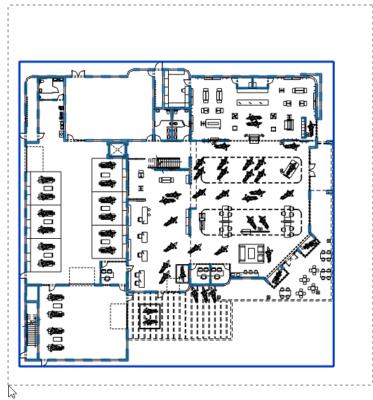
Note: If there are multiple instances of a link the automation may not create the reference planes correctly.



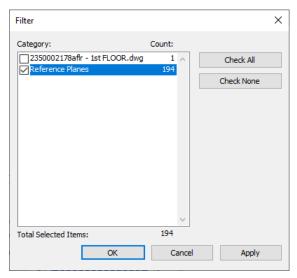
4. Choose the appropriate layers you would like to use to make the reference planes:

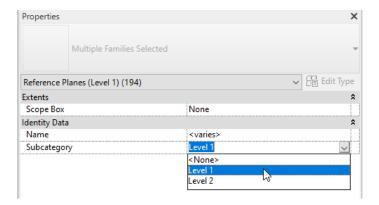


5. Open the 1st floor/lowest level where you expect to see the reference planes and switch all reference planes to an appropriate subcategory: Note: The script will create subcategories based on the number of links you selected. Example: Level 1, Level 2

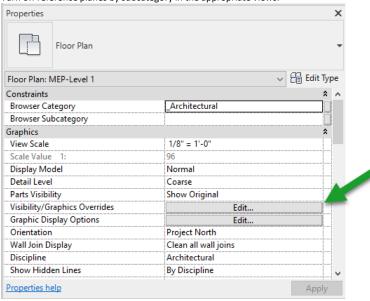


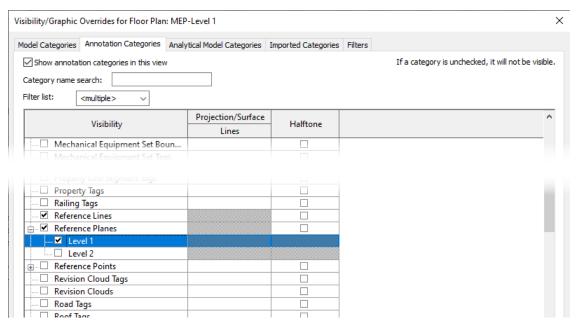






7. Turn off reference planes by subcategory in the appropriate views:





Repeat these step for every level.