

QUESTION

How do I modify the colors and line weights of lines of an imported or linked CAD file?

ANSWER

You may want to override layers of a CAD file within your Revit model either turning on/off layers or change the way a line looks.

If you want to change the CAD file for a single view (or view template).

For each view you can turn on/off individual layers from a CAD file as well as override the line color, thickness and line type. This can be found in the Visibility/Graphic settings under Imported Categories for that view.

- Uncheck the checkbox to the left of the layer name to turn the layer off.
- Click the cell in the "lines" column to override the line color, type or thickness for that layer.

Model Categories Annotation Categories Analy	tical Model Categor	ie: Imported Cat	egories Filter
\checkmark Show imported categories in this view			
Math Ha	Projectio	n/Surface	11-16
Visibility	Lines	Patterns	Halftone
Imports in Families			
➡ 🗹 myBIMTeam CAD Import.dwg	Override		
····· 🗹 0			
A-ANNO-DIMS			
A-ANNO-DIMS-12			
A-DETL-GENF			
A-DETL-MEDM			
A-DETL-THIN			
Defpoints			
G-ANNO-TEXT			

If you want to change the CAD file for every view

If the CAD file is visible in more than one view you can update the default appearance in the "Object Styles" settings. This can be found under Manage > Object Styles > Imported Objects.



ASK MYBIMTEAM

CHANGE COLORS AND LINE WEIGHTS IN CAD FILE

File Ar	chitecture Structu	re Steel Pr	recast Systems	Insert Annotate	Analyze Massing &	& Site Collat	borate View	Manage
5	🚱 🔂 Object	Styles	🗑 Project Paramet	ers 🖷 Transfer Project	Standards	S	69	:
	Snaps	, F	Shared Paramet	ers 🕅 Purge Unused		Ø	12. -	
Nodify N	laterials	Information @	- Global Paramet	ers Project Units	ER -	Additional Settings	@ •	Desigr Option
	En Project	mormation			w	Settings		
elect 🔻			Se	ttings			Project Location	n
0	Object Styles							
ject Bro [] Vie	Model Objects Annotat	tion Objects Analy	tical Model Object	Imported Objects				
FI								
FI	Cate	PODV	Line Weight	Line Color	Line Pattern	N	Aaterial	
•••••• F1	Cate	egory	Line Weight Projection	Line Color	Line Pattern	N	Naterial	
FI	Cate	<u> </u>		Line Color	Line Pattern	N	Naterial	
6.64 9.75 9.75	Imports in Fan	<u> </u>	Projection 1	Line Color Black RGB 118-118-118	Solid Solid			
- 5.5 - 7.5 - 7.5	Imports in Fan	nilies	Projection 1	Line Color Black	Solid		Naterial Material 255	
6.64 9.75 9.75	Imports in Fan	nilies CAD Import.dwg	Projection 1 1	Line Color Black RGB 118-118-118	Solid Solid	Render		
	Imports in Fan myBIMTeam C	nilies CAD Import.dwg DIMS	Projection 1 1 1 1 1	Line Color Black RGB 118-118-118 Black	Solid Solid Solid	Render N Render N	Material 255	
	Imports in Fan myBIMTeam C 0 A-ANNO-1	nilies CAD Import.dwg DIMS DIMS-12	Projection 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Line Color Black RGB 118-118-118 Black RGB 255-127-255	Solid Solid Solid Solid Solid	Render N Render N Render N	Material 255 Material 255	
	Imports in Fan myBIMTeam C 0 A-ANNO-1 A-ANNO-1	nilies CAD Import.dwg DIMS DIMS-12 ENF	Projection 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Line Color Black RGB 118-118-118 Black RGB 255-127-255 RGB 255-127-255	Solid Solid Solid Solid Solid Solid	Render N Render N Render N Render N	Material 255 Material 255 Material 255	
	Imports in Fan myBIMTeam C 0 A-ANNO-1 A-ANNO-1 A-DETL-G	nilies CAD Import.dwg DIMS DIMS-12 ENF IEDM	Projection	Line Color Black RGB 118-118-118 Black RGB 255-127-255 RGB 255-127-255 RGB 000-165-000	Solid Solid Solid Solid Solid Solid Solid	Render M Render M Render M Render M Render M	Material 255 Material 255 Material 255 Material 0-16	
	Imports in Fan myBIMTeam C 0 A-ANNO-1 A-ANNO-1 A-DETL-G A-DETL-M	nilies CAD Import.dwg DIMS DIMS-12 ENF IEDM HIN	Projection	Line Color Black RGB 118-118-118 Black RGB 255-127-255 RGB 255-127-255 RGB 000-165-000 RGB 165-124-082	Solid Solid Solid Solid Solid Solid Solid Solid Solid	Render M Render M Render M Render M Render M Render M	Material 255 Material 255 Material 255 Material 0-16 Material 165	

