



# **'WALKIES!'**

## **VIEW TEMPLATE SWITCHER**

### **USER GUIDE VERSION 1.0**

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## 1.0 WHO IS THIS APP FOR?

All Revit Power users. This app is for daily users of Revit of any discipline who frequently need to change or manage view templates across different views.

## 2.0 WHAT DOES IT DO?

- **Unleashes The Power of View Templates:** Use view templates like switches, switch on/off walls, floors, windows doors, links, imports with one click (just set up a relevant template) see section 8.0
- **Review templates instantly:** Use Up/Down arrows to walk(cycle) through templates. Walkies!
- **Browse Pick List:** A drop-down list allows you to instantly browse and select View Templates directly from the Revit Ribbon, saving you from navigating through standard property menus.
- **Smart Search:** Start typing in the text box of the drop-down list selector to filter and find exactly what you need without diving into menus.
- **Visual Feedback:** See the active template name displayed clearly in the ribbon.
- **Auto Save Initial State:** if a view has a template already applied when it is opened, the template is stored and can be reapplied with the Re-Apply button, restoring the initial state after 'walking' through other templates.
- **Save Initial State:** If a freshly opened view doesn't have a view template applied to it use the create template button to create and apply a view template to the active view, allowing you to return to this initial state anytime while browsing templates.
- **One Click View Template Creation**
- **One Click View Template Deletion**

### 3.0 WHAT ARE THE BENEFITS OF USING IT?

**Presentation Ready:** Professional Stress-Free Style Change In the same view, no more fumbling with visibility graphics! Change View Templates On the fly.

**Express Model Reviews:** Rapidly switch between template styles, want to view Architectural Elements only, MEP elements only, Structural elements only, just step through your templates.

**Efficiency:** Get rid of all those niche views! No need to store views with one template applied, use a general view and just switch out the templates fast.

**Speed:** Jump to the exact template you need with the predictive dropdown. Saving You hours of time clicking through "View Properties" dialogs.

**Focus:** keeps you in the design flow. Change the look of your view without losing your context.

**WYSIWIG:** Quickly review templates, ensures you are assigning valid templates to your views.

**Ease of use:** Simple, intuitive interface that looks and feels like a native part of Revit.

**Compatible:** With Single-User, SSO & Autodesk Flex Token Licensing (User signs in to Autodesk Account To Use Revit.)

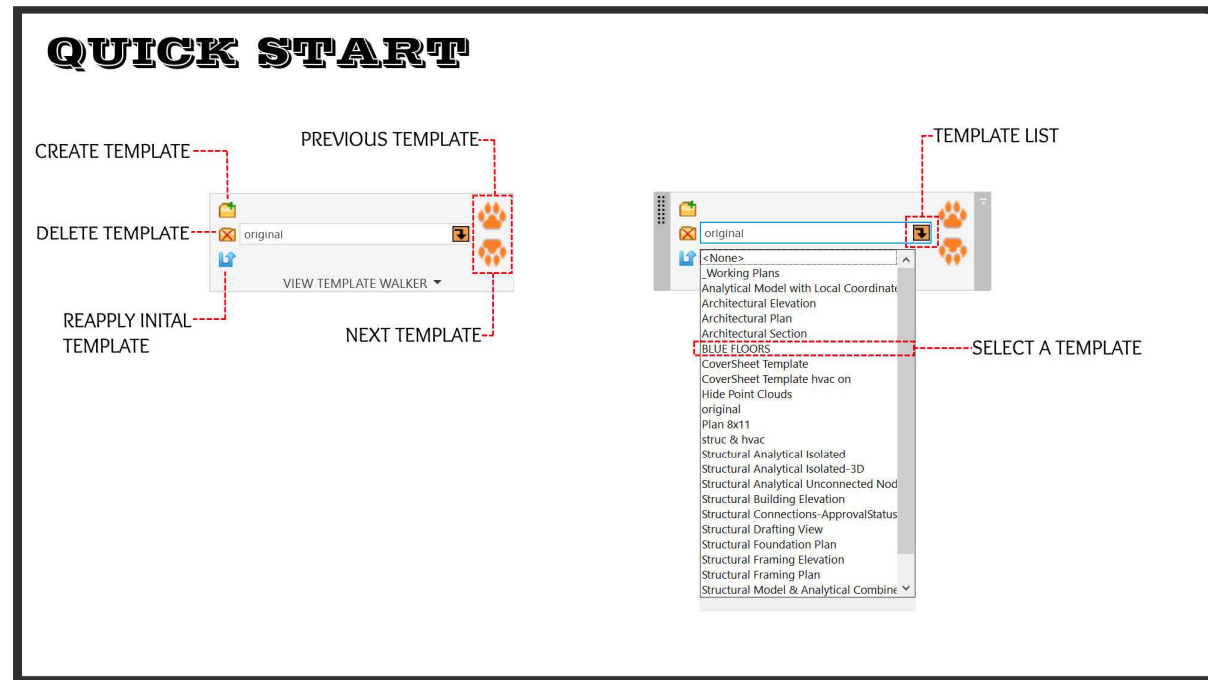
## **4.0 INSTALLATION**

The installer will run upon downloading this add-in from the Autodesk App Store, initiating the installation process for the add-in. Alternatively, you can double-click on the downloaded file to install the add-in. Following installation, you will need to restart Revit to activate the add-in.

## **5.0 UNINSTALLATION**

To uninstall the plug-in, exit Revit, rerun the installer, and opt for the "uninstall" button. Alternatively, navigate to Control Panel > Programs > Programs and Features (Windows 10/11) and uninstall the application as you would any other from your system.

## 6.0 QUICK START:



Open any graphical view (Floor Plan, Section, 3D View).

Go to the Raking Brace tab on the Ribbon.

Locate the View Template Switcher panel.

Click the Down Arrow (Paw) to apply the next available template.

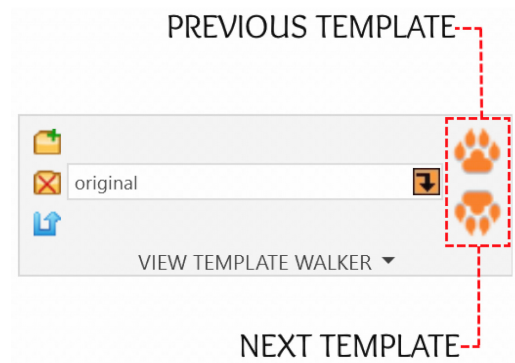
Click the Up Arrow (Paw) to return to the previous template.

Click the Template list button to select a specific template from the dropdown list.

## 7.0 DETAILED USAGE

### 7.1 SWITCHING TEMPLATES WITH NEXT & PREVIOUS BUTTONS

The primary function is to quickly apply templates.



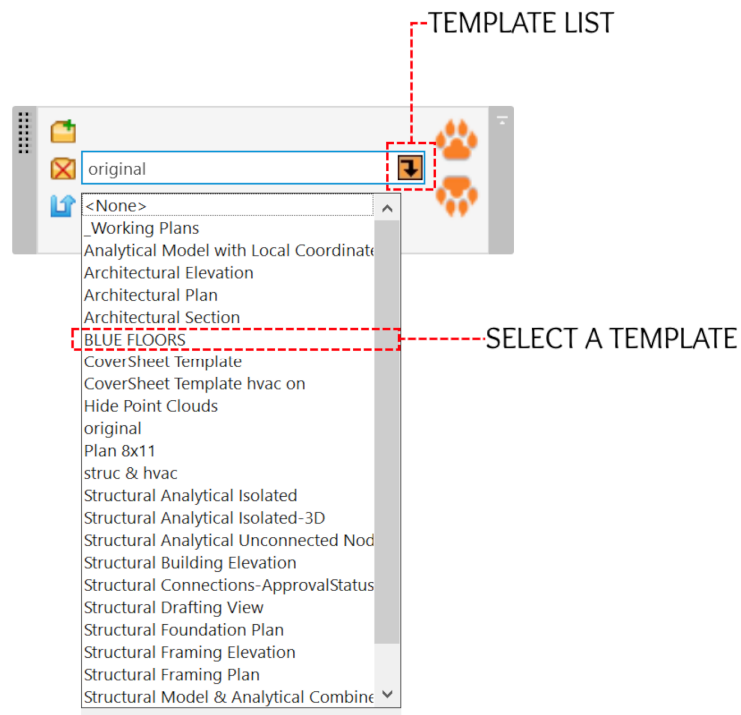
Next Template in List: Click the Down Arrow (PAW) button to 'WALK' to the next template in the alphabetical list.

Previous Template in List: Click the Up Arrow (PAW) button to 'WALK' to the previous template.

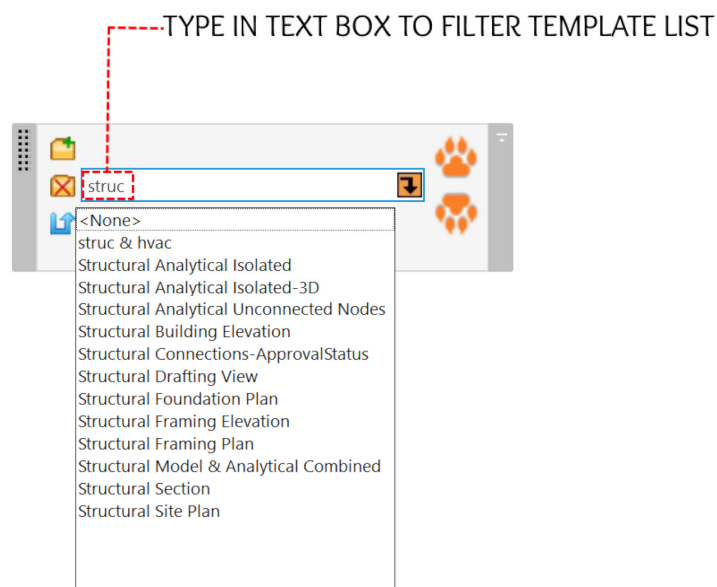
The text box will update immediately to show the name of the newly applied template.

## 7.2 SWITCHING TEMPLATES WITH DROPDOWN LIST

Click the Template list button, a dropdown list containing all the view templates in the project appears. Click on template in the list, it is immediately applied to the active view, or use the up and down keyboard cursor keys select an entry and press enter.

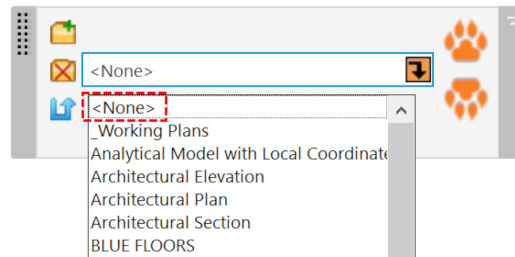


**Filtering the drop-down list:** Start Typing a template name in the text box and the drop-down list will be filtered to show templates whose names contain the letters typed.



### 7.3 NO 'TEMPLATE'

If you wish to remove a template, select 'None' In the view template list



### 7.4 RESTORING A VIEWS INITIAL STATE

If a view is opened and it has a view template applied, this template is recorded, and can be restored anytime while still in this active view by pressing the reapply button.



REAPPLY TEMPLATE

If there is no view template on a freshly opened view see the next section 7.5 for storing the initial state

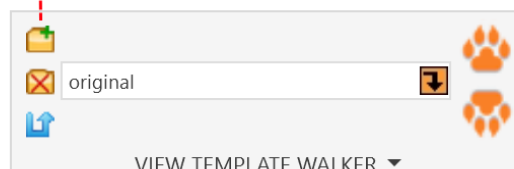
### 7.5 SAVE A VIEW'S INITIAL STATE (QUICK CREATE TEMPLATE)

You can create and apply a view template to a view with no template currently applied thus storing and saving its current state

Set up your view settings (filters, overrides, scale, etc.) exactly how you want them.

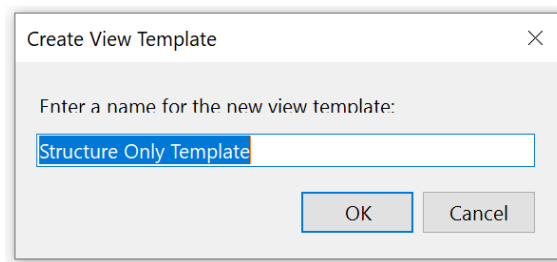
Click the Create View Template button.

CREATE TEMPLATE



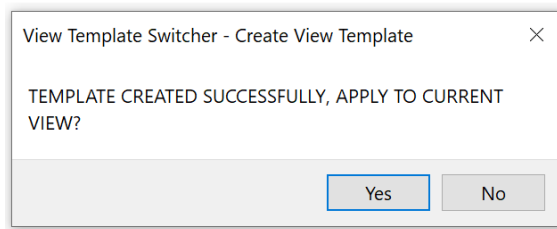


Enter a name for your new template.



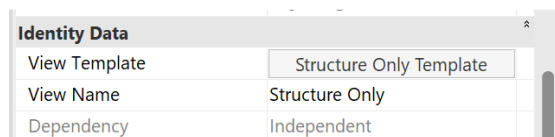
A dialog box titled "Create View Template" with a close button (X) in the top right corner. Inside the dialog, there is a text prompt "Enter a name for the new view template:" followed by a text input field containing the text "Structure Only Template". Below the input field are two buttons: "OK" and "Cancel".

A dialog will appear asking: "TEMPLATE CREATED SUCCESSFULLY, APPLY TO CURRENT VIEW?"



A dialog box titled "View Template Switcher - Create View Template" with a close button (X) in the top right corner. Inside the dialog, there is a text prompt "TEMPLATE CREATED SUCCESSFULLY, APPLY TO CURRENT VIEW?". Below the prompt are two buttons: "Yes" and "No".

Click Yes.



Identity Data	
View Template	Structure Only Template
View Name	Structure Only
Dependency	Independent

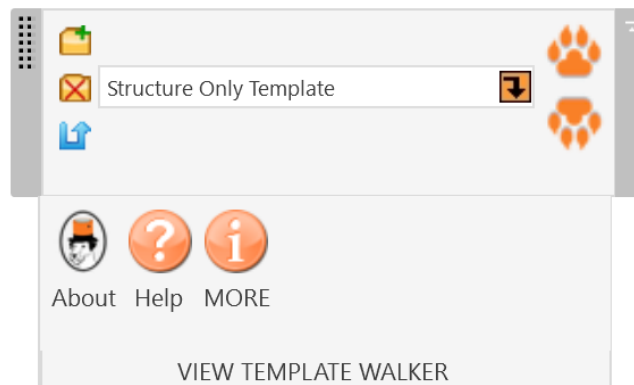
This effectively "saves" your view's initial state into a template and applies it immediately. This is particularly useful for views that do not have a template assigned, ensuring you can revert to this state later.

Clicking No, allow you to create new templates without applying them to the current view

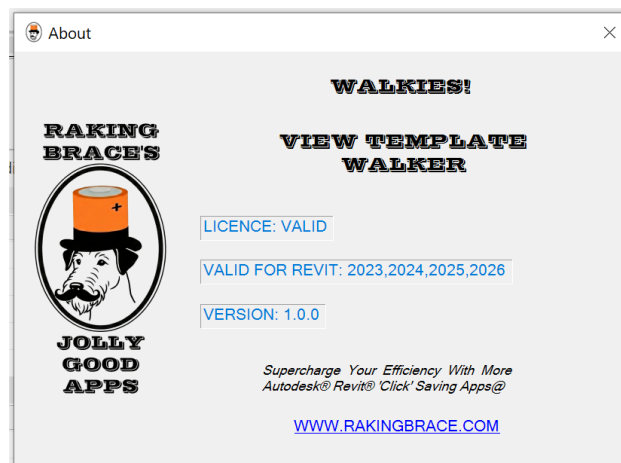
## 7.6 QUICK DELETE TEMPLATE

There is a Delete Template button available. This allows you to quickly remove the active view template from the project (and the view) after a confirmation prompt. Use this to clean up temporary templates created during your workflow.

## 7.7 ABOUT, HELP & MORE BUTTONS



The **About** button shows information regarding the plug in itself, Licence details, Revit version & App version number



The **Help** button takes you to the user guide available for download from the [RAKINGBRACE.COM](http://RAKINGBRACE.COM) website

The **MORE** button takes you to the Apps page on the [RAKINGBRACE.COM](http://RAKINGBRACE.COM) Where you can browse other fantastic game changing Apps.

## 8.0 UNLEASH THE POWER OF VIEW TEMPLATES

View templates are one of Revit's most powerful features. Essentially, they allow us to either **style the view** or **switch stuff on and off**

Parameter	Value	Include
View Scale	1/2" = 1'-0"	<input checked="" type="checkbox"/>
Scale Value 1:	24	
Detail Level	Fine	<input checked="" type="checkbox"/>
Parts Visibility	Show Original	<input checked="" type="checkbox"/>
V/G Overrides Model	Edit...	<input checked="" type="checkbox"/>
V/G Overrides Annotation	Edit...	<input checked="" type="checkbox"/>
V/G Overrides Analytical M	Edit...	<input checked="" type="checkbox"/>
V/G Overrides Import	Edit...	<input checked="" type="checkbox"/>
V/G Overrides Filters	Edit...	<input checked="" type="checkbox"/>
V/G Overrides RVT Links	Edit...	<input checked="" type="checkbox"/>
Model Display	Edit...	<input checked="" type="checkbox"/>
Shadows	Edit...	<input checked="" type="checkbox"/>
Sketchy Lines	Edit...	<input checked="" type="checkbox"/>
Lighting	Edit...	<input checked="" type="checkbox"/>
Photographic Exposure	Edit...	<input checked="" type="checkbox"/>
Background	Edit...	<input checked="" type="checkbox"/>
Phase Filter	Show Complete	<input checked="" type="checkbox"/>
Discipline	Coordination	<input checked="" type="checkbox"/>
Show Hidden Lines	By Discipline	<input checked="" type="checkbox"/>
Rendering Settings	Edit...	<input checked="" type="checkbox"/>

We could essentially use templates to switch on/off point clouds, links, imports, categories, etc and use them in our daily modelling tasks just like on/off toggle switches a very powerful feature. So why don't we use them more often? Applying and creating templates is a lot of mouse clicks, this App makes it faster and easier to use view templates using the ribbon TAB, or quick access Ribbon TAB (right click any button and select add to quick access)



Example: create view templates to switch On/Off Links only in the current view

Hit the create template button on the TAB, enter the name below

Create View Template

Enter a name for the new view template:

Links On

OK

Cancel

Identity Data	
View Template	Links On
View Name	Structure Only
Dependency	Independent
Title on Sheet	

Untick all the include boxes except for the V/G Overrides RVT Links.

Assign View Template

View templates

Discipline filter:  
<all>

View type filter:  
3D Views, Walkthroughs

Names:  
<None>  
Analytical Model with Local Coordina  
BLUE FLOORS  
Cover Sheet Template  
CoverSheet Template hvac on  
**Links On**  
original  
Structural Analytical Isolated-3D  
Structural Analytical Unconnected N  
Structural Connections-ApprovalStat  
Structural Model & Analytical Comb  
Structure Only Template

View properties

Number of views with this template assigned: 1

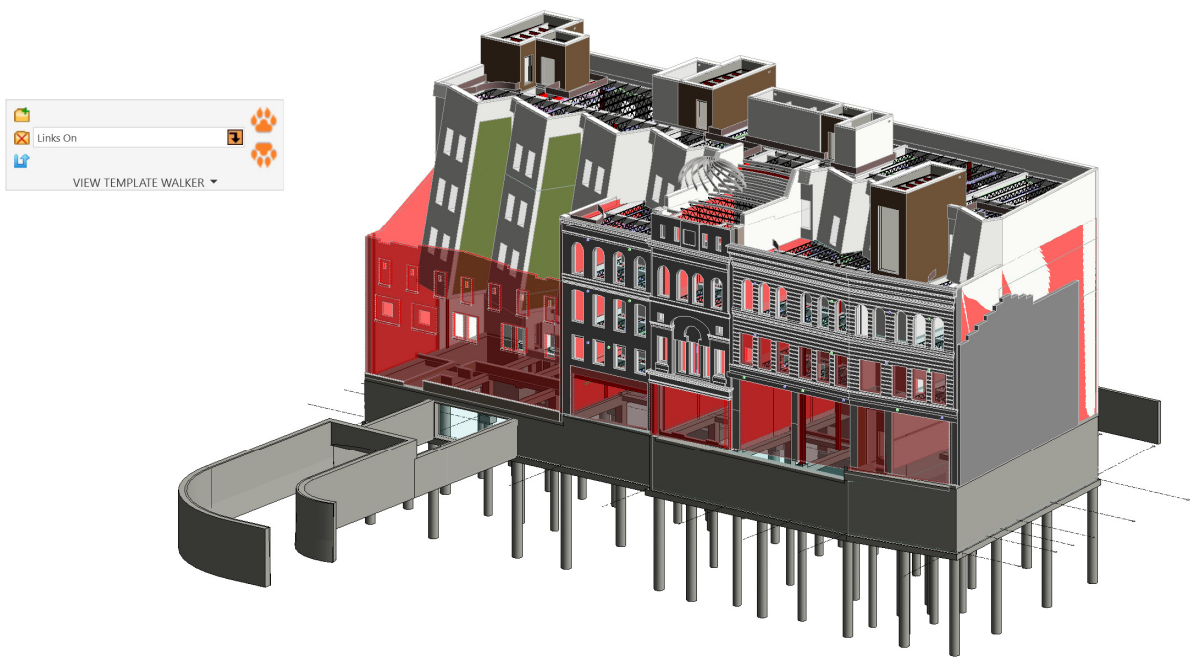
Parameter	Value	Include
View Scale	1/2" = 1'-0"	<input type="checkbox"/>
Scale Value 1:	24	
Detail Level	Fine	<input type="checkbox"/>
Parts Visibility	Show Original	<input type="checkbox"/>
V/G Overrides Model	Edit...	<input type="checkbox"/>
V/G Overrides Annotation	Edit...	<input type="checkbox"/>
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V/G Overrides Filters	Edit...	<input type="checkbox"/>
V/G Overrides RVT Links	Edit...	<input checked="" type="checkbox"/>
Model Display	Edit...	<input type="checkbox"/>
Shadows	Edit...	<input type="checkbox"/>
Sketchy Lines	Edit...	<input type="checkbox"/>
Lighting	Edit...	<input type="checkbox"/>
Photographic Exposure	Edit...	<input type="checkbox"/>
Background	Edit...	<input type="checkbox"/>
Phase Filter	Show Complete	<input type="checkbox"/>

Visibility/Graphic Overrides for Links On

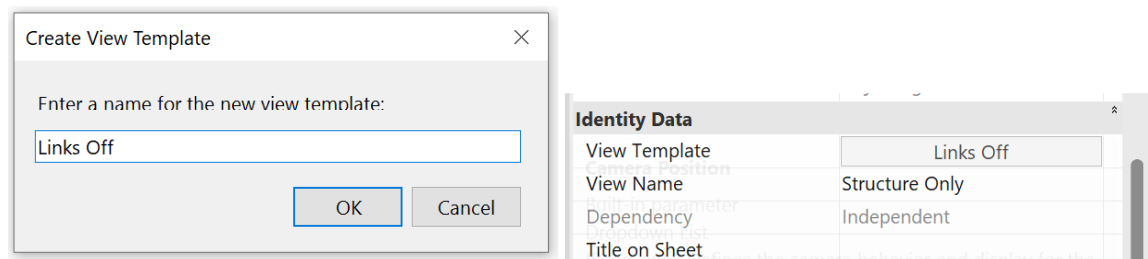
Model Categories Annotation Categories Analytical Model Categories Imported Categories Filters Revit Links

Visibility	Half-tone	U
<input checked="" type="checkbox"/> Snowdon Towers Sample Architectural.rvt	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Snowdon Towers Sample Electrical.rvt	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Snowdon Towers Sample Facades.rvt	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Snowdon Towers Sample HVAC.rvt	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Snowdon Towers Sample Plumbing.rvt	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Snowdon Towers Sample Site.rvt	<input type="checkbox"/>	

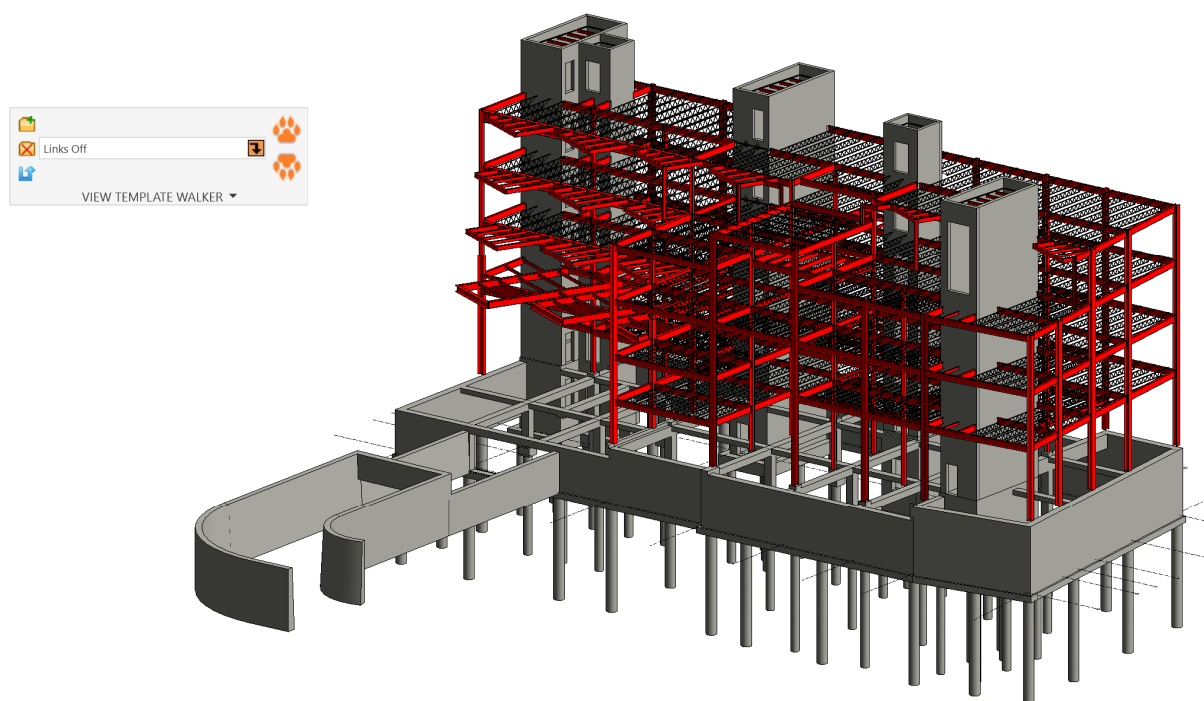
When applied all the links in the model are switched on nothing else is effected



Now create a template to switch the links off

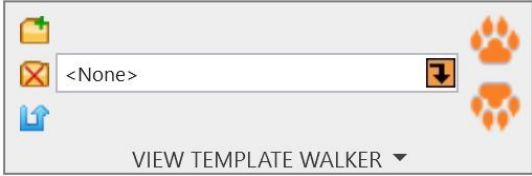










This template will be directly next to Links On template in the list due to their naming, as a result we can quickly switch links on or off using the or previous buttons



You can build on this concept and create many powerful instant visibility toggles.

## 9.0 RIBBON TAB CONTROLS (TABLE)

REF.	RAKING BRACE RIBBON	COMMAND	COMMAND DESCRIPTION
8.1		RIBBON TAB	See Below
8.1.2		PREVIOUS/NEXT TEMPLATE	'Walk' step though All the projects View templates
8.1.3		CREATE TEMPLATE	Creates a new view template based on the current view
8.1.3		DELETE TEMPLATE	Deletes the current view template
8.1.3		REAPPLY TEMPLATE BUTTON	Restores the view template that was applied when the view was last activated.
8.1.3	Textbox displays the views current template 	VIEW TEMPLATE DROP DOWN LIST	Clicking the button activates a drop-down list showing all the projects view templates
8.2.2		ABOUT BUTTON	Displays the Apps Licence Information, Compatible Revit versions & App Version Information plus Web Site Link
8.1.7		HELP BUTTON	Opens The Help Documentation On The Raking Brace Website
8.3		MORE INFO	A link to the <a href="http://rakingbrace.com">rakingbrace.com</a> website showing you MORE GREAT APPS!

