Stabicad 23.03 release

Release Notes United Kingdom (UK)

Highlights of the 23.03 release

- □ Stabicad now includes a complete set of CIBSE aligned lighting switch symbols!
- □ Revit shared parameters have been added for ducts that have a bidirectional link with the mechanical calculation parameters!
- □ You can now use Stabicad's mechanical calculations on non Stabicad families!

Stabicad for Revit | Mechanical engineering

- ■ With the new Pipe Text function, users are able to visualize both the *size* and *characters in pipe* in the annotation of pipes or ducts. This new annotation is applied to the Pipe Text function of all modules (heating/cooling, ventilation, sanitary, waste water).
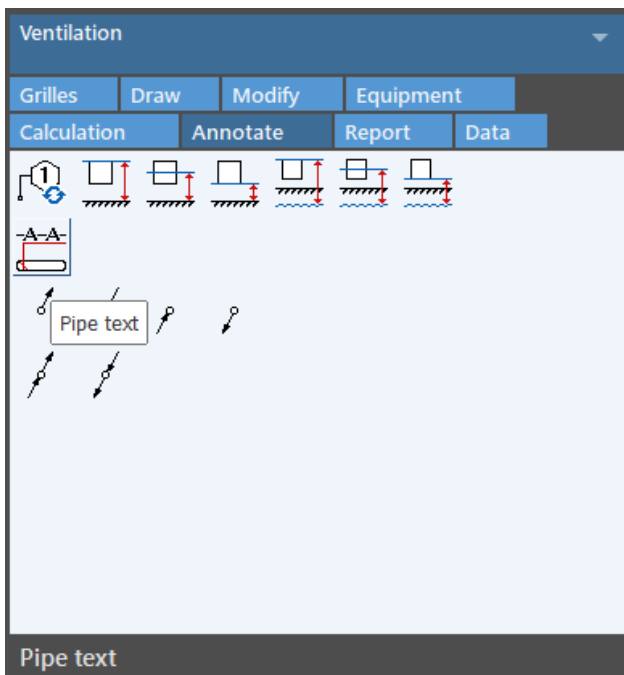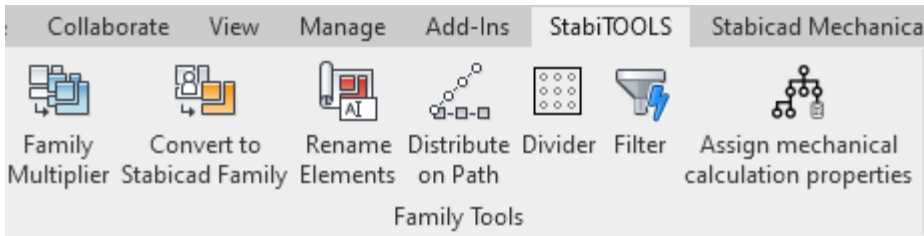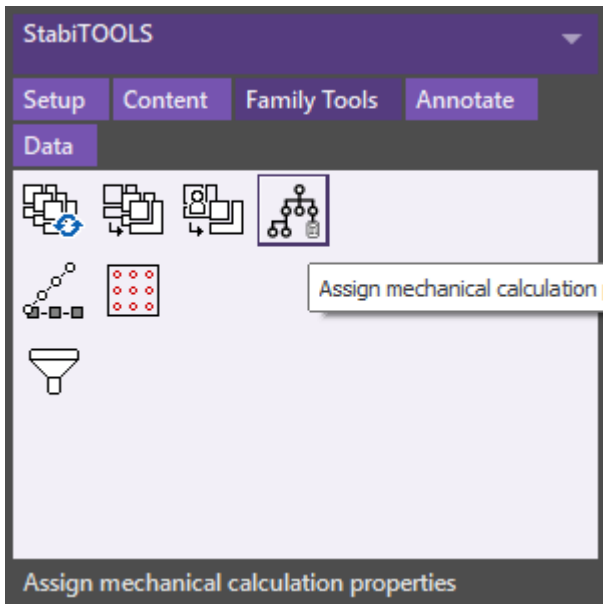

*Figure: Pipe Text functionality in the Stabicad Palette Center*

*Figure: Tag a rectangular duct and a round duct*

- **You can now use Stabicad's mechanical calculations on non Stabicad families!**
 A new functionality has been added called "Assign mechanical calculation properties".

This functionality enables you to assign mechanical calculation properties to a non Stabicad element.
E.g. consider this damper and assume there are four of these:
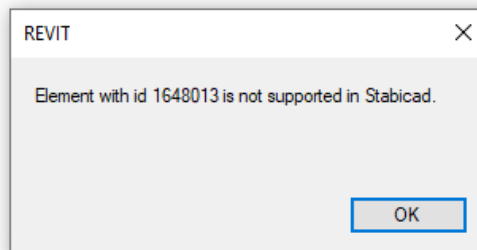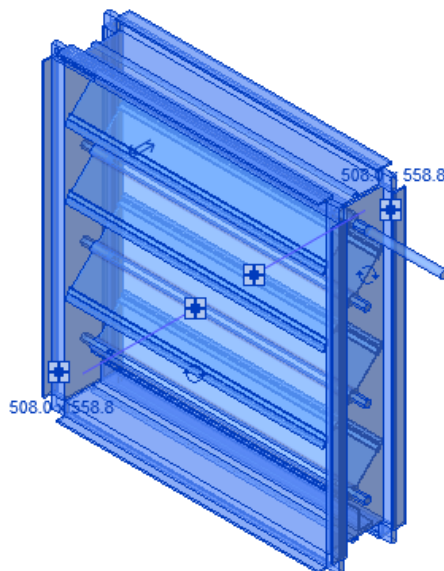
When you run this new functionality, you will be asked to make a selection of elements:
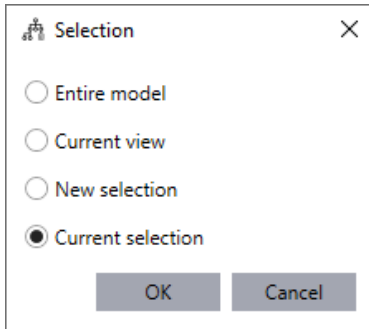
After that you will end up at the following screen:
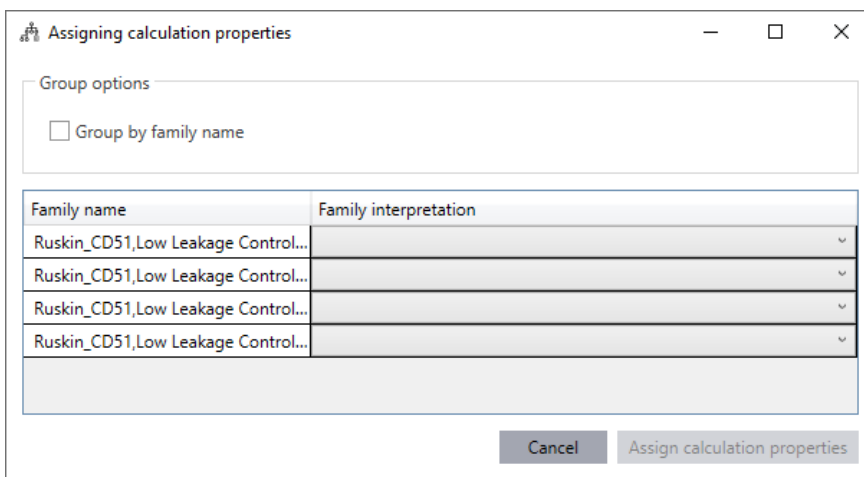
The functionality automatically detects what type of element it is based on the type of connectors and the amount of connectors. After that you will need to determine the final interpretation of this element by using the dropdown menu:
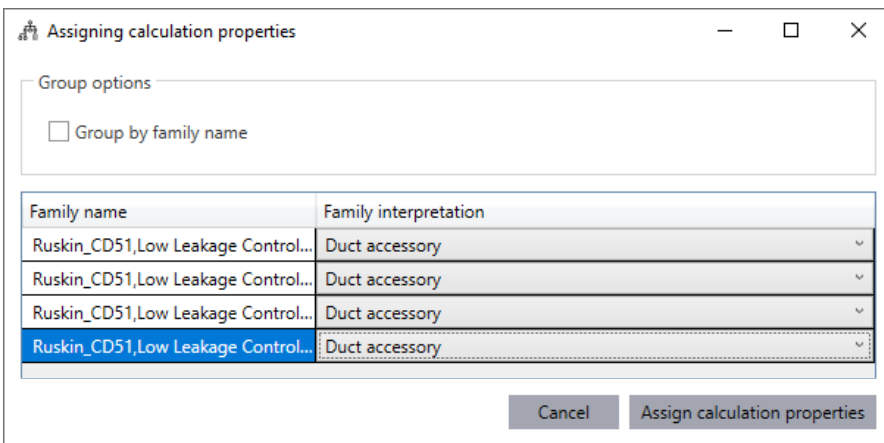
After you press *Assign calculation properties,* the selected families will be adjusted and parameters will be added such that they can be used with Stabicad's calculations. You will be able to use both native Revit parameters to control the input values as well as Stabicad's Edit Calculation Properties screen.
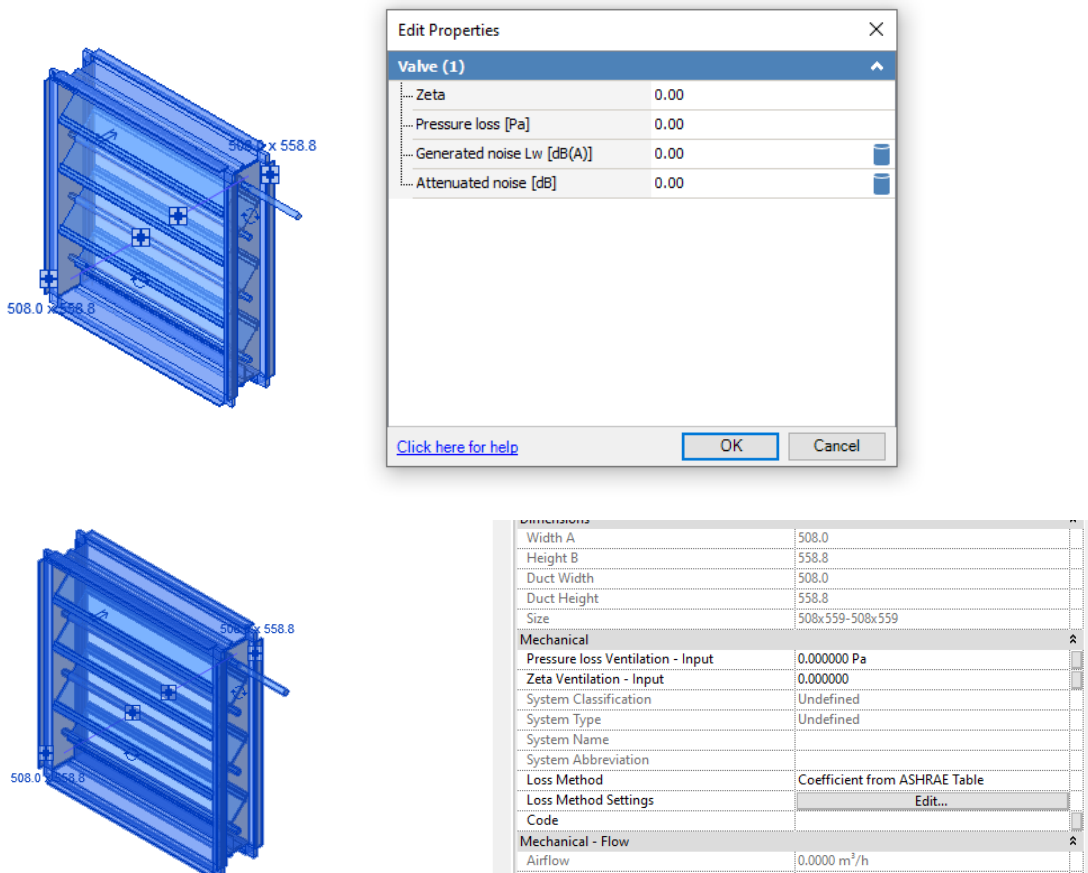
The *Group by family name* functionality easily lets you group the elements that have the same family name so you are able to choose a single family interpretation for the entire group.
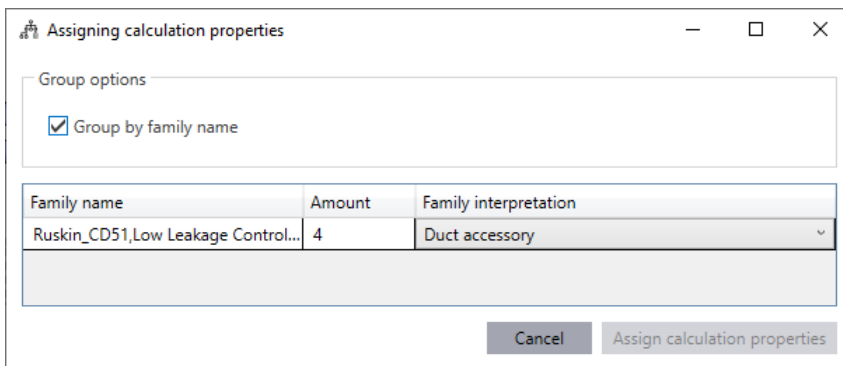

After assigning the family interpretation you can use the functionality as well to edit it in case you made a mistake or want to do a modification.

Note that this is the first version of this functionality. Currently air terminals, fans and duct accessories are supported. Other elements can not be used yet.

■ **Revit shared parameters have been added for ducts that have a bidirectional link with the mechanical calculation parameters!**

You can now use native Revit to control the calculation input values for ducts and you are able to tag & schedule these parameters. This is a follow up to the functionality released in 23.01. Next up are the sanitary equipment.
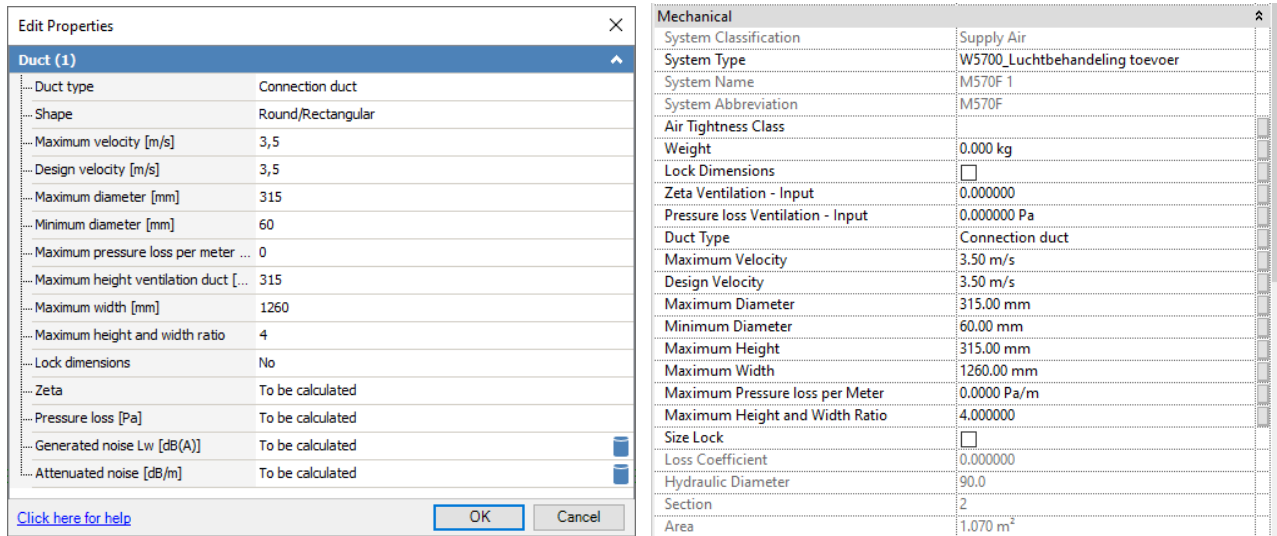
Note that the Duct Type parameter is one directional only: changes made in Edit Calculation Properties will be reflected in Revit but not the other way around. This is also indicated with a tooltip:
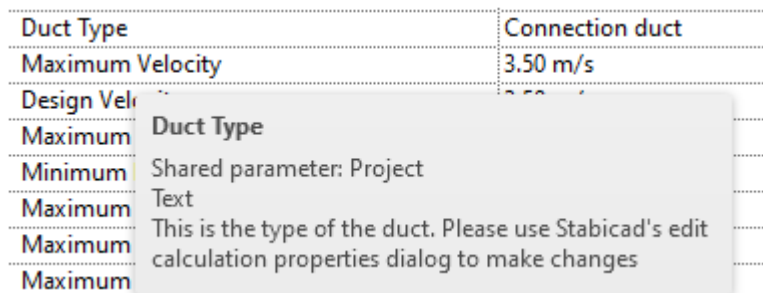
Stabicad for Revit | Electrical engineering

■ **Stabicad's CIBSE Lighting Switches Palette Center section has now been updated to be fully aligned with CIBSE regulations.**

■ We solved a circuit management calculation issue related to the parallel cable scenario with horizontal touching.

■ We solved an issue that was related to positioning of text on Stabicad's CIBSE fire alarm symbols.

StabiTOOLS

■ An issue has been solved that was causing error report / errors when a user was logging out from Palette Center. When a user now logs out from the palette center:
  - ▢ the user will be logged out from their Trimble Identity.
  - ▢ Stabibase and associated applications (Online Help and Product Line Importer) will be closed.
  - ▢ the platform application (Revit) will remain open.
  - ▢ the palette Center will remain open but if the user needs to open functionalities from it, TID login is required.