BIM COMPONENTS USER GUIDE
pfu gama basic-REVIT 2020

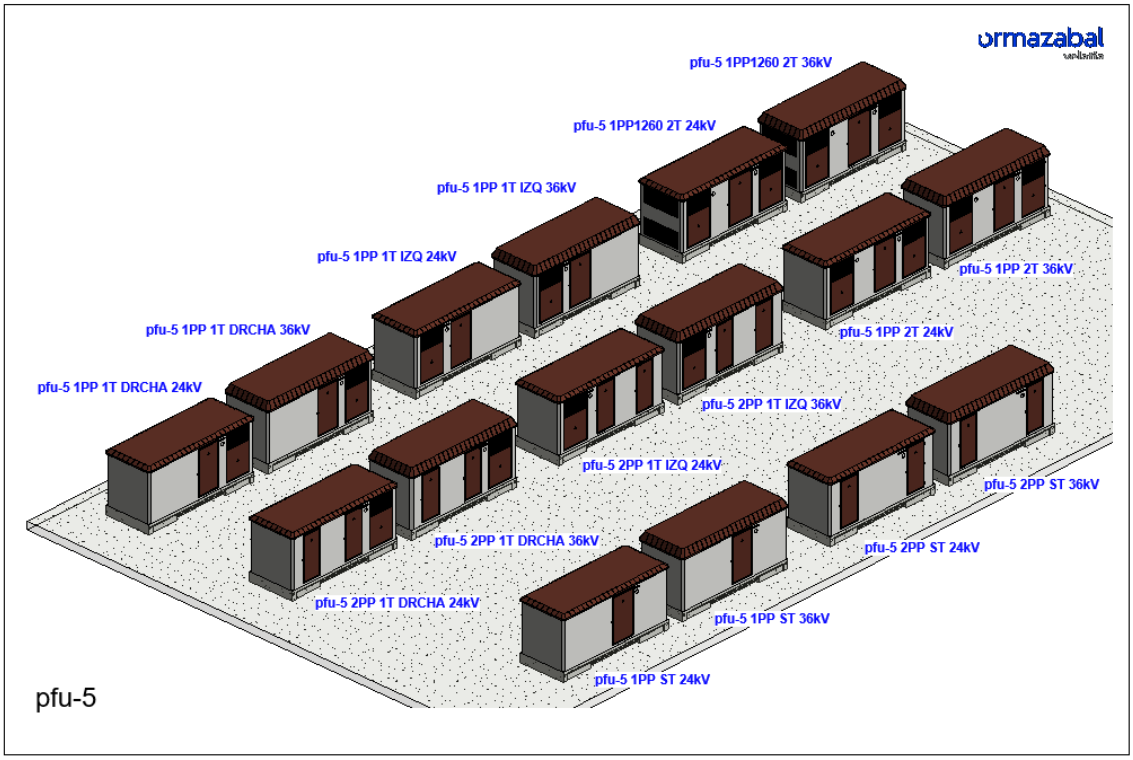
ORMAZABAL pfu gama basic

Subheading

Author / Department / Date

Introduction

Thank you for downloading the ORMAZABAL transformer centers component. This user guide has been included to provide guidance on how to correctly use and make the most of the content. This document covers the **pfu-5** models that are available from ORMAZABAL.



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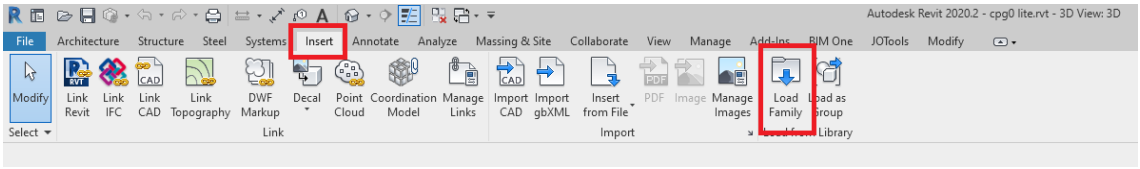
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1. Placing the transformer centers into the project

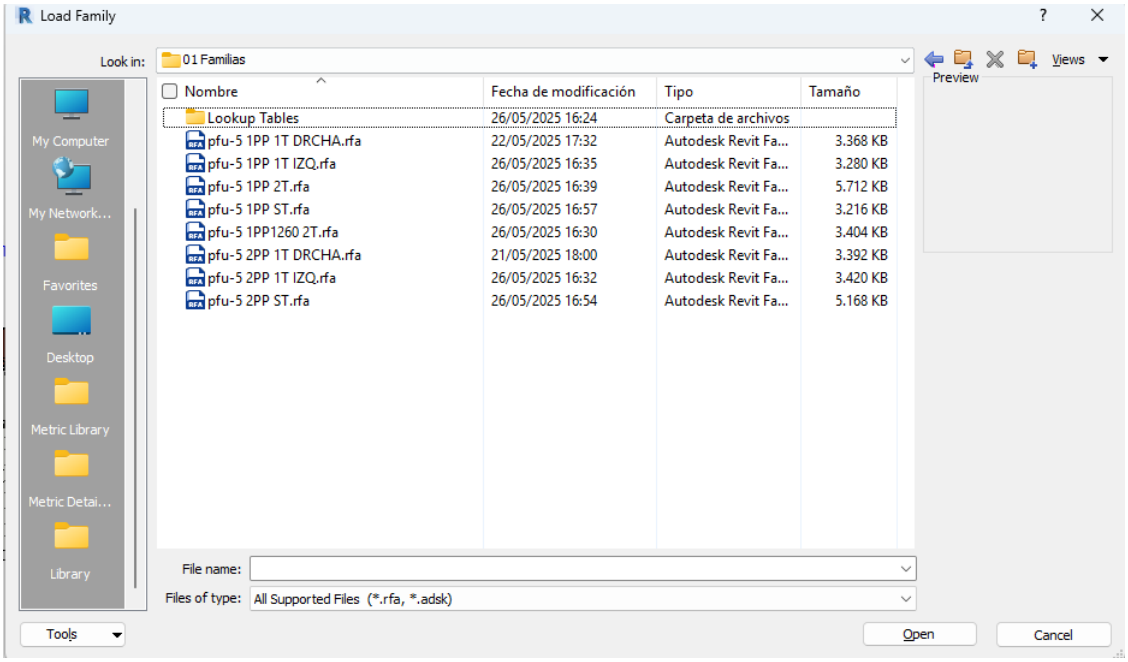
Please follow the below method to load the component into your Project.

1. Open the Revit file containing your "Project", and navigate to a floor plan view.
2. Navigate to the "Insert" tab on the main Revit ribbon and select "Load Family"

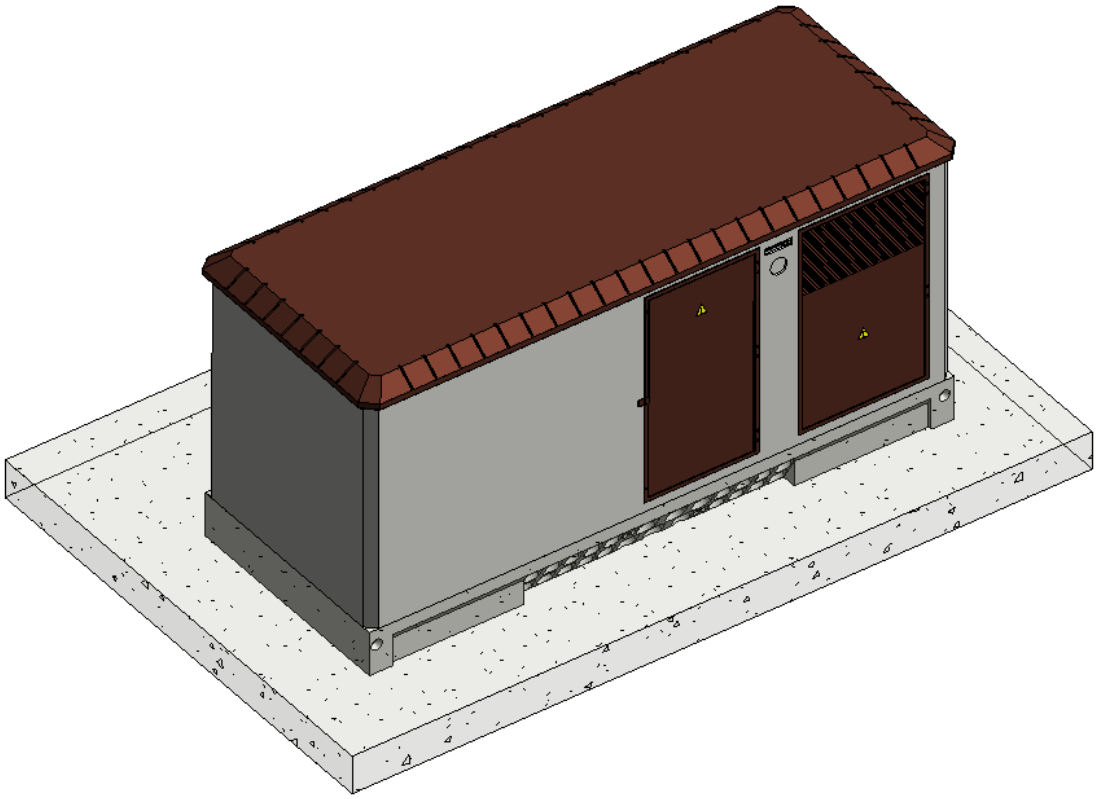


3. Navigate to the location of the shaved ORMAZABAL component that you have just downloaded in order to insert the family in *rfa format that you require.

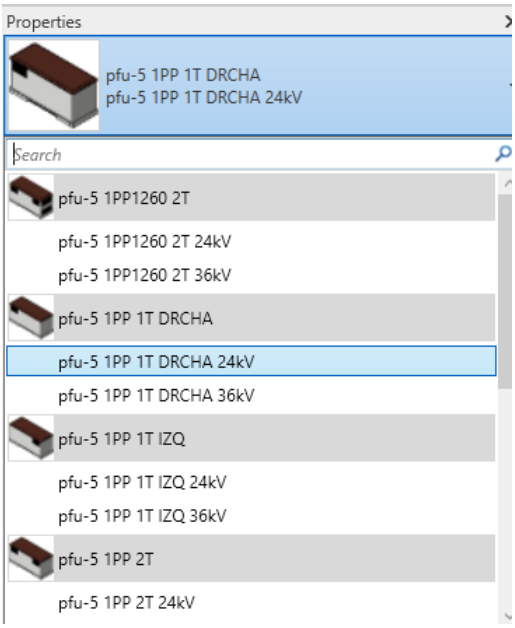
4. Click OPEN to load the component into your Project.



5. Now that the transformer centres is loaded in your Project, you can place them in your model, as shown in the picture:



6. With the "Casework" selected the transformer centers types will appear in the "Properties" dialogue box. From the drop down at the head of this box you can see the component type selected and you can click to reveal the drop down and pick the required type.



7. The transformation center is now part of the electrical system of the Revit project. There are various options available to the user to be able to modify the setting out and its positioning

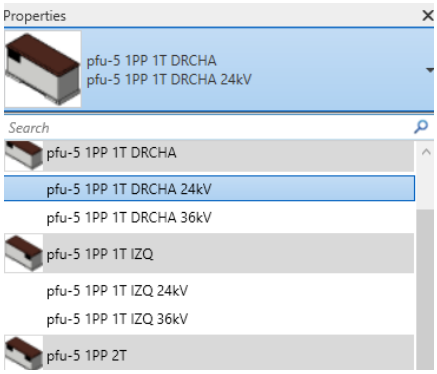
2. Manufacturer specific data

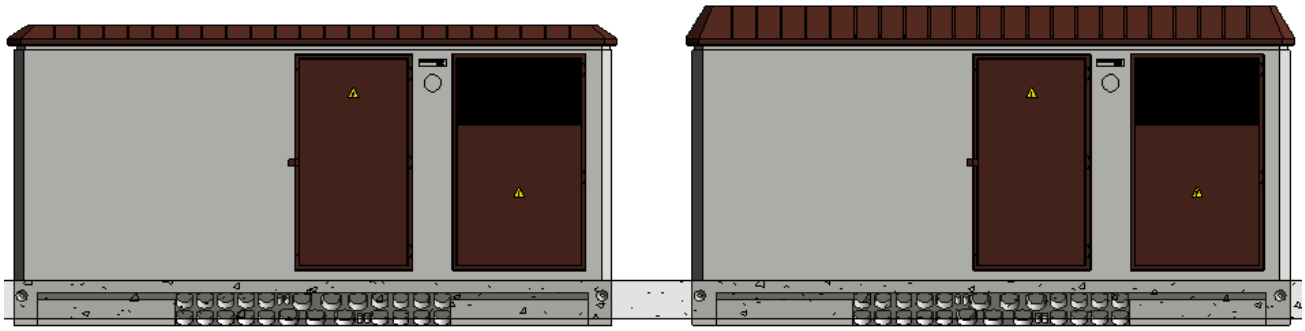
2.1. Standard roof & overfolded roof.

The ORMAZABAL transformer centers contain a series of technical and manufacturer-specific data to help the user when creating their project.

Once the transformer substation has been selected, the type of roof can be enabled, between standard and raised height. The control of the roof height depends on the power selection the transformer centers:

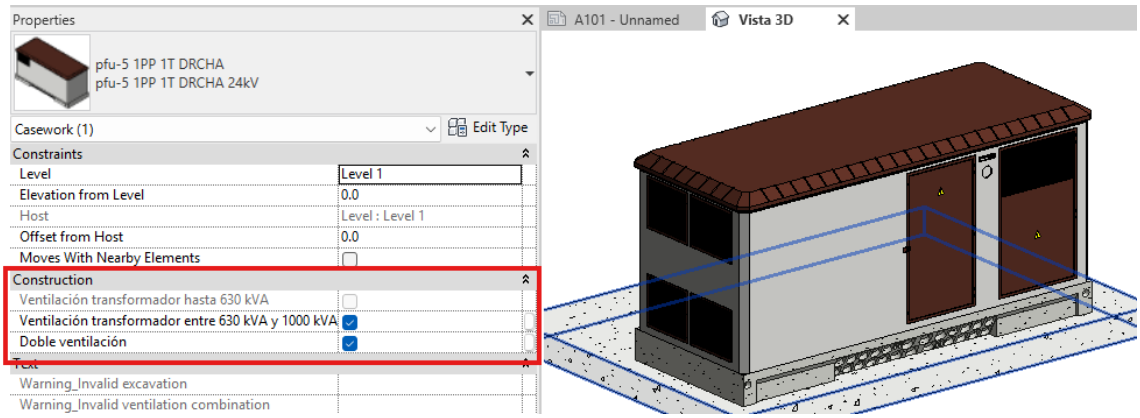
- 24kV = roof 2500mm
- 36kV = roof 2720mm



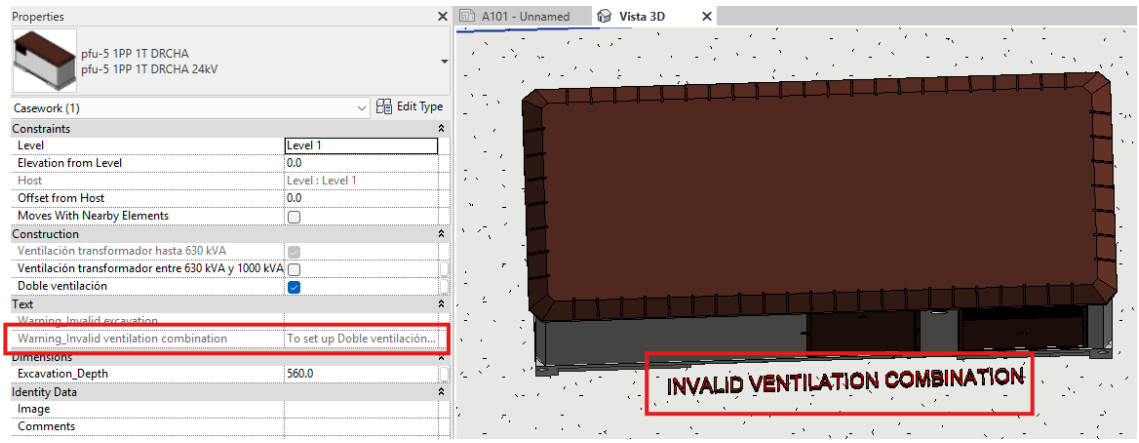


2.2. Ventilation settings.

The selection of possible configurations for this model are three and can be chosen from the following options, “Ventilación transformador hasta 630 kVA”, “Ventilación transformador entre 630 kVA y 1000 kVA” and “Doble Ventilación”.

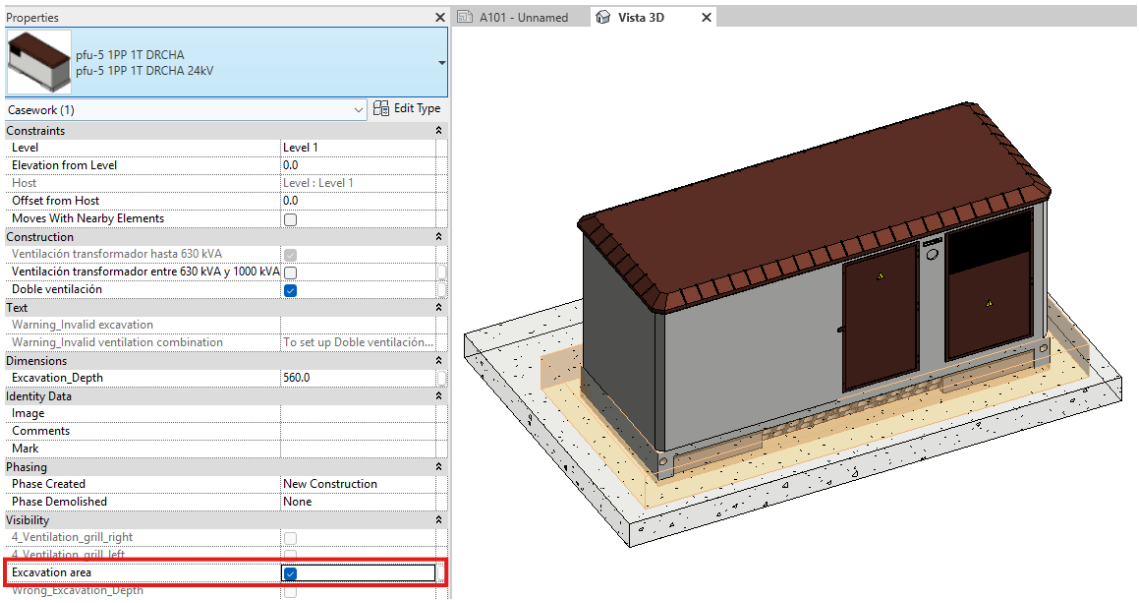


By default, when loading the first time in the project the option "Ventilation transformer up to 630 kVA" is selected and we can select the option “Ventilación transformador entre 630KVA y 1000KVA”. The option “Doble ventilación” is only possible if the ‘Ventilación transformador entre 630KVA y 1000KVA’ option is selected. If option ‘Ventilation transformer up to 630 kVA’ is selected and the option ‘double’ is chosen, an error message will appear, both in 3D and in the properties.

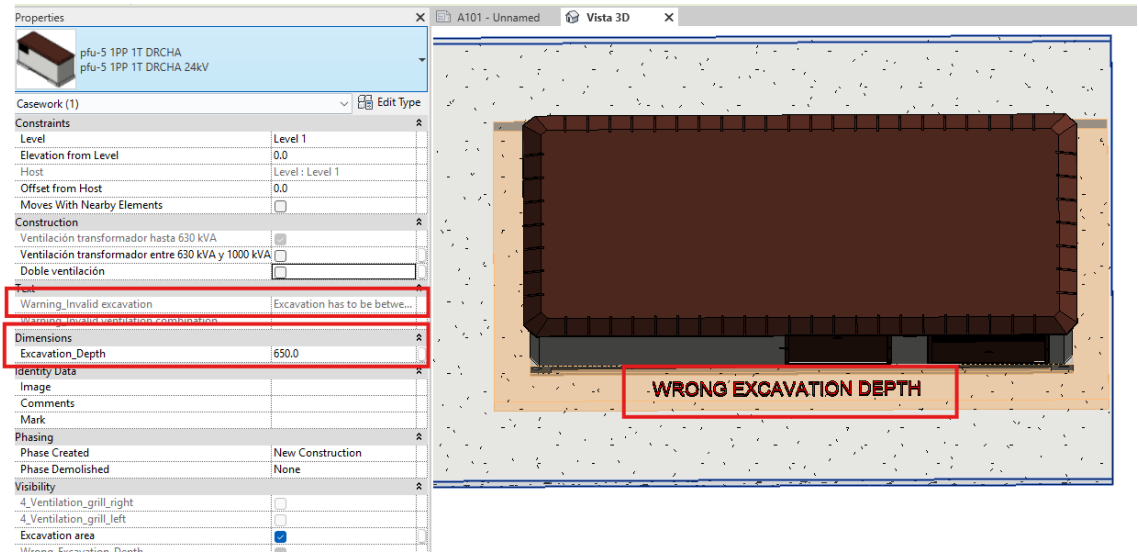


2.3. Excavation area settings.

By default, when loading the first time in the project the option "Excavation area" is not selected. When selected, the excavation area appears in orange.



You can change the excavation depth between 560 and 600 mm, if you set a depth less than 500 mm or more than 600 mm, the message 'WRONG EXCABATION DEPTH' appears.



NOTES:

You can add the ORMAZABAL components to your company template file, this will mean they are available without loading when starting a new project.

ORMAZABAL shall not be responsible for the incorrect use of the families. In case of doubts, please consult Ormazabal Technical department

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More info