Resolved Issues

MagiCAD 2018 UR-3 for Revit

progman

MagiCAD

RESOLVED ISSUES

COMMON ISSUES

Revit 2018.2 sweep and MagiCAD
MagiCAD and Revit 2018.2 had problems in the ribbon. The ribbon was locked and duplicated.
This was caused by opening the family editor before any project document was opened during the Revit session.

Synchronizing the parameters did not work if parameters are read from an object that has no type.
As the mapping of the parameters happens by reading the objects in a project, a situation might occur that the parameters are read from an object that has no type, like for example from a filled region. This prevents the parameters from being synchronized because one of the parameters, in this case the one for a schematic symbol, is not recognized as an instance parameter.
This is corrected.

Product properties opens twice in Find&Replace
Corrected an error where product properties dialog was popped several times if user used "Select" functionality to make new selection from the Revit drawing,
Corrected also the crashing when closing down the project after F&R dialog was used.

Lines in the provisions for builderswork openings families caused visibility issues
Provisions for builderworks openings RFA has hosting lines with 'Weak Reference'. This causes instance not to get hidden with view range setting which is below the end of that line
The hosting lines with 'Weak reference' have been changed to 'Not a reference' in the symbol RFAs

Legend tool's text alignment does not work
The text alignment centered all the texts even though left or right alignment was selected.
This error has been corrected and the texts are now aligned according to the selected alignment.

Spread sheet export: Limitation of moving several selected parameters
If the user selected several parameters and tried to move all the paramers up or down, only the first of the selected parameters was moved.
This has been corrected and all the selected parameters are moved.

"Assembly code" or "Assembly value" are not exported to an IFC file.
The value written in the parameter "Assembly code" or "Assembly description" are now exported to IFC.

Objects are moved from their initial position in IFC-export
The issue arised sometimes when the objects were only partially visible in the view to be exported. If the objects are entirely visible in the the view then this error did not happen.
This error has now been corrected.

Symbol path change does not affect "Manage Symbols" before restart
When changing symbol database path in MagiCAD options, a notification is now shown that Revit has to be restarted before the changes take effect.

Duplicate running index will appear when the function of "show running index"is active

Implemented a correction so that "Show running index" doesn't create the textnote again.

VENTILATION AND PIPING

Sprinkler calculation extrapolated Leqv of big pipes incorrectly if NFPA was used
MagiCAD extrapolated the equivalent length of big pipe sizes (> 305) incorrectly if NFPA standard was used. Extrapolation is now done correctly

Y-branch was created to incorrect place
The Y-branch was not created at the correct place after a T-branch was created. Since the T-branch splitted an existing duct, MagiCAD could not regocnise the end of the last drawn duct-
This error is corrected.

Unexpected error with Mapress and Pipe connection
Unexpected error is corrected in case that a T-branch cannot be created to the main pipe, because the T-branch connector size could not be changed. This could end up in a situation that a reducer should have been added and there was not enough space for the reducer.
This error has been corrected.

Inserting valve in section view causes problem in specific conditions
Inserting the valse in the vertical pipe in the section view, did not success.
Valve smart installation works nor correctly in the section view

Mirrored ducts move from their original position in the IFC after using MagiCAD's IFC-export
OffsetHeight and OffsetWidth parameters were missing from the unique geometry string.
They have been added and this solves the problem.

Drainage connection doesn`t work correctly
When the space for an elbow is calculated for different angles then the connector size and the angle are set separately.
In some cases the elbow creation did not return a correct elbow space.

Pipe connection gave an unnecessary warning
Sometimes the pipe connection returns a route which contains bend + joint + bend. Now this kind of combination is replaced with one curve. This has been already done correctly in the other connection tools and now it is fixed also the pipe connection.

Changing an insulation name will end up to an unexpected error
When an insulation name contains illegal character " then this error doesn't occur anymore.

Unexpected error when installing with end of duct
When user has selected an array placement method, but then chooses to go back an selects the "End of Duct" installation, an unexpected error occurred.
Also, after user has installed a device using "End of Duct", but then chooses to cancel, an unexpected error occurred.
These are corrected.

Problems with schematic symbol creation
When a symbol is created with "Create user symbol", it becomes smaller than the original one or has an odd shape.
Corrected the schematic symbols.

Insulation not taken into account in Horizontal Crossing
When horizontal crossing was used to ducts, the insulation of the ducts were not corrcetly taken into account.

The heating capacity of a radiator is set to 0 W, when it is installed to a new project.
When installing the first radiator to a new project, the heating capacity parameter is zero in installation dialog and is not set in the instance
Corrected the heating capacity calculation when the project doesn't contain any systems and a new system is created in the installation toolbar.

Split segments: error handling improvement
In some cases the project may contain something that prevents the split segments function to cut some segments. In that case the error message was not informative enough for the user to solve the issue. The operation is also cancelled in this case so that the user cannot finish the operation when there is even one faulty element in the selection.
If faulty objects are found, error message with the element ID is shown. All the element which have no errors are correctly split.

ELECTRICAL

Data reset from data blocks linked to spare/space circuits
Previously, when running either the Create / Regen Schematic or Update Circuits, data was reset from data blocks that were linked to space/spare circuits after the first round of running the Create / Regen Schematic function.

IFC Export problems
Previously, families with multiple types were not exported correctly into IFC.