Sheet Manager

(Updated 2013-09-09 by Jinsol Kim)

Requirements

- *SheetMakerData.xlsx*

V:\RVT2013\HOK Support\SheetMakerData.xlsx

Worksheets for various **disciplines** should contain following columns : "Sheet Number", "Sheet Name", "Volume Number", "Discipline", "Sheet Type", "Sorted Discipline"
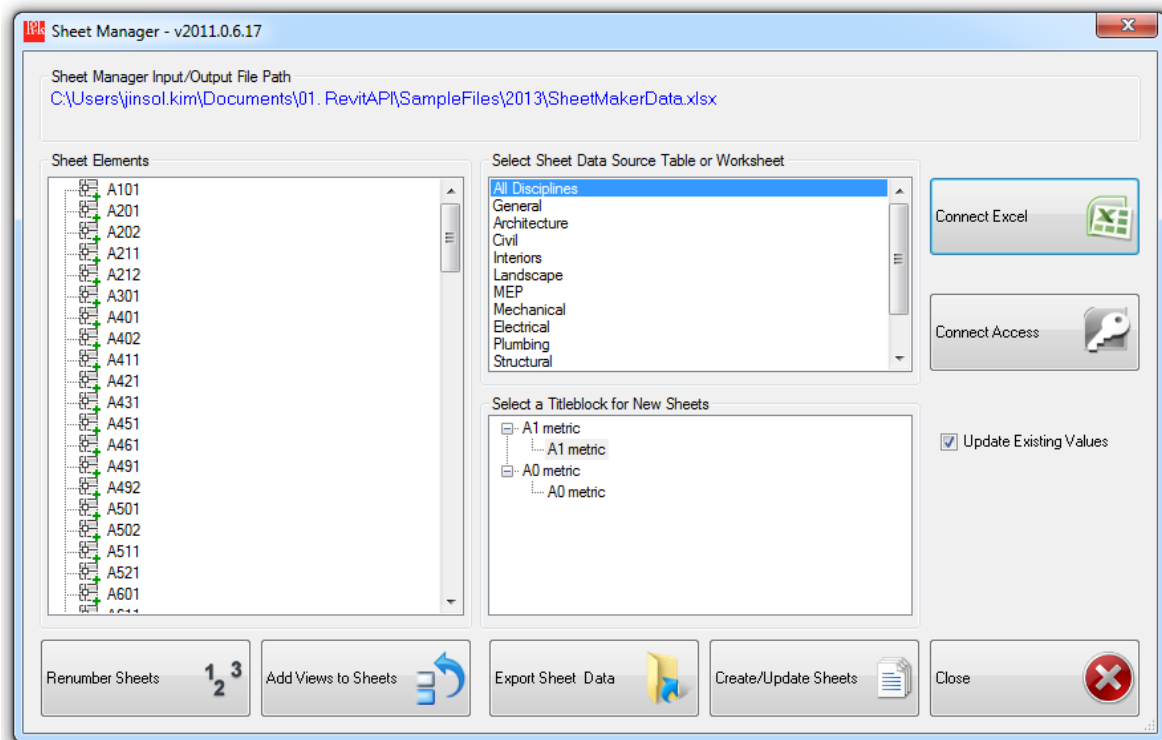
A distinct worksheet named **Renumber Sheets** should contain following columns: "OldNumber", "NewNumber"

- *SheetManagerAddViews.xlsx*

V:\RVT2013\HOK Support\ SheetManagerAddViews.xlsx

Worksheets for view types should contain following columns: "Sheet Number", "View Name", "U", "V"
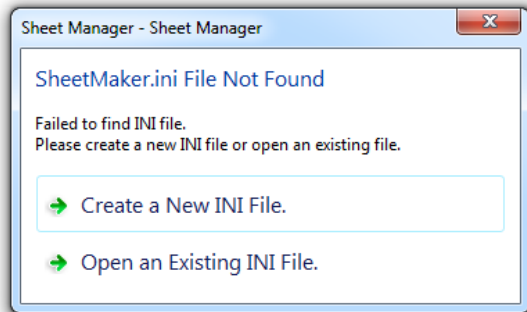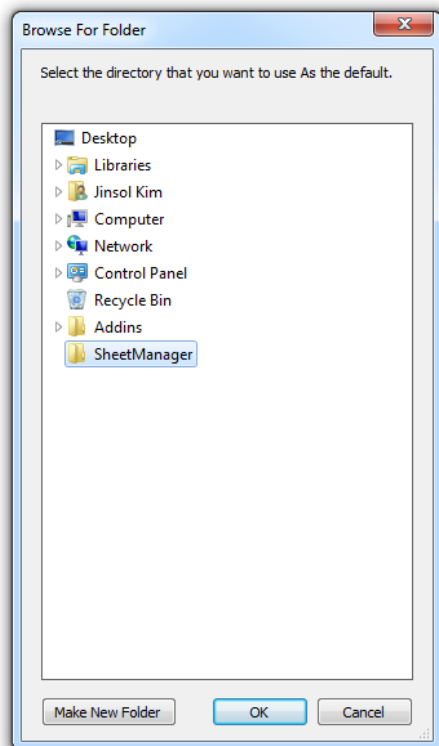
Main User Interface

Contents

1   INI File

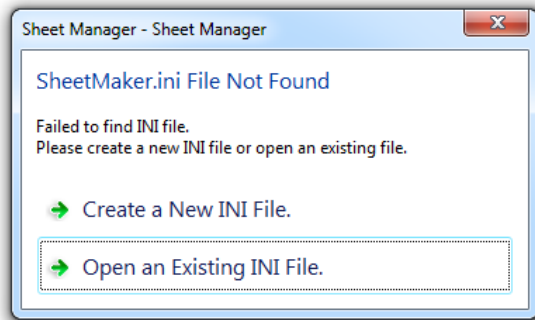## 1.1   Create a New INI File
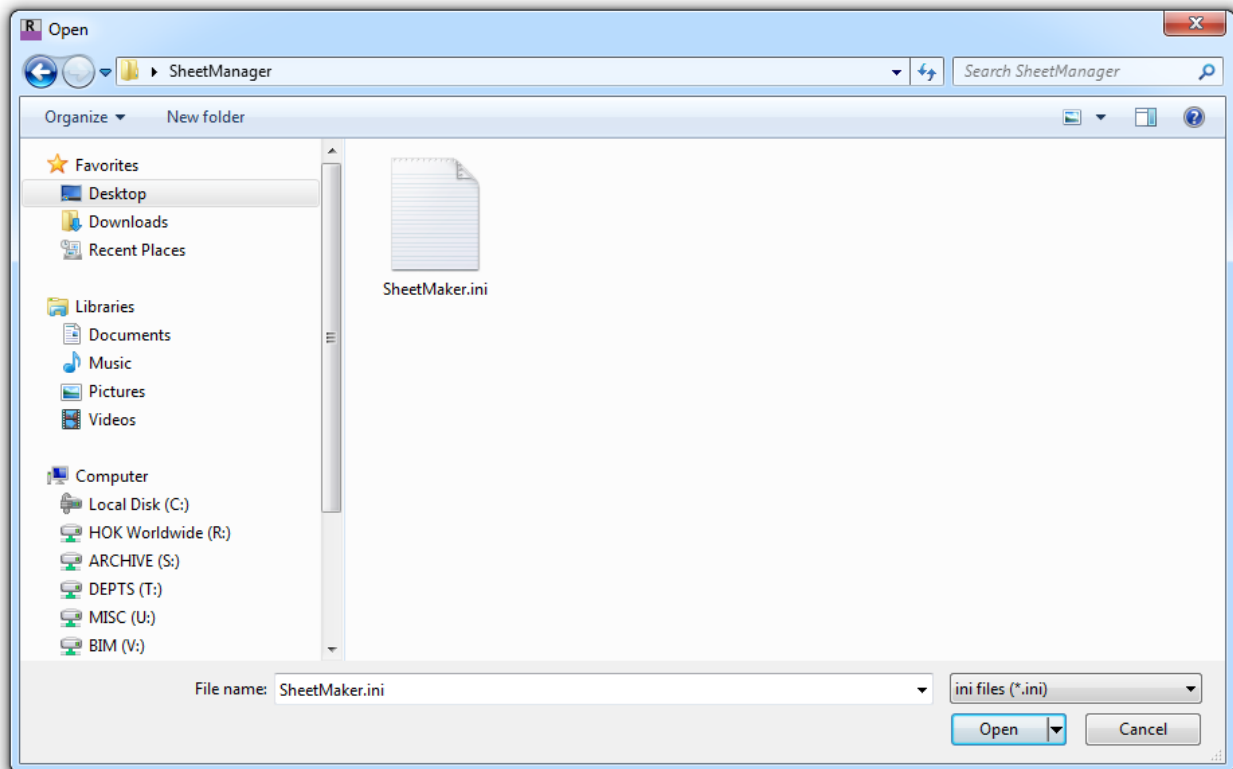
[step 1] click Create a New INI File

[step 2] select a directory where the new ini file will be located.

1.2   Open an Existing INI File

[step 1] click Open an Existing INI File.

[step 2] Find an existing SheetMaker.ini file to import predefined settings.

2   Renumber Sheets

2.1   Renumber Existing Sheets

Sheet Manager Input/Output File Path
Connect to Access or Excel File to Continue

[step 1] If you see the text of the file path is "Connect to Access or Excel file to Continue", you need to click "Connect Excel" button to open *SheetMakerData.xlsx*

** Make sure that SheetMakerData.xlsx contains disciplines worksheets and renumber sheets with required columns. (see requirements in the beginning of this document)
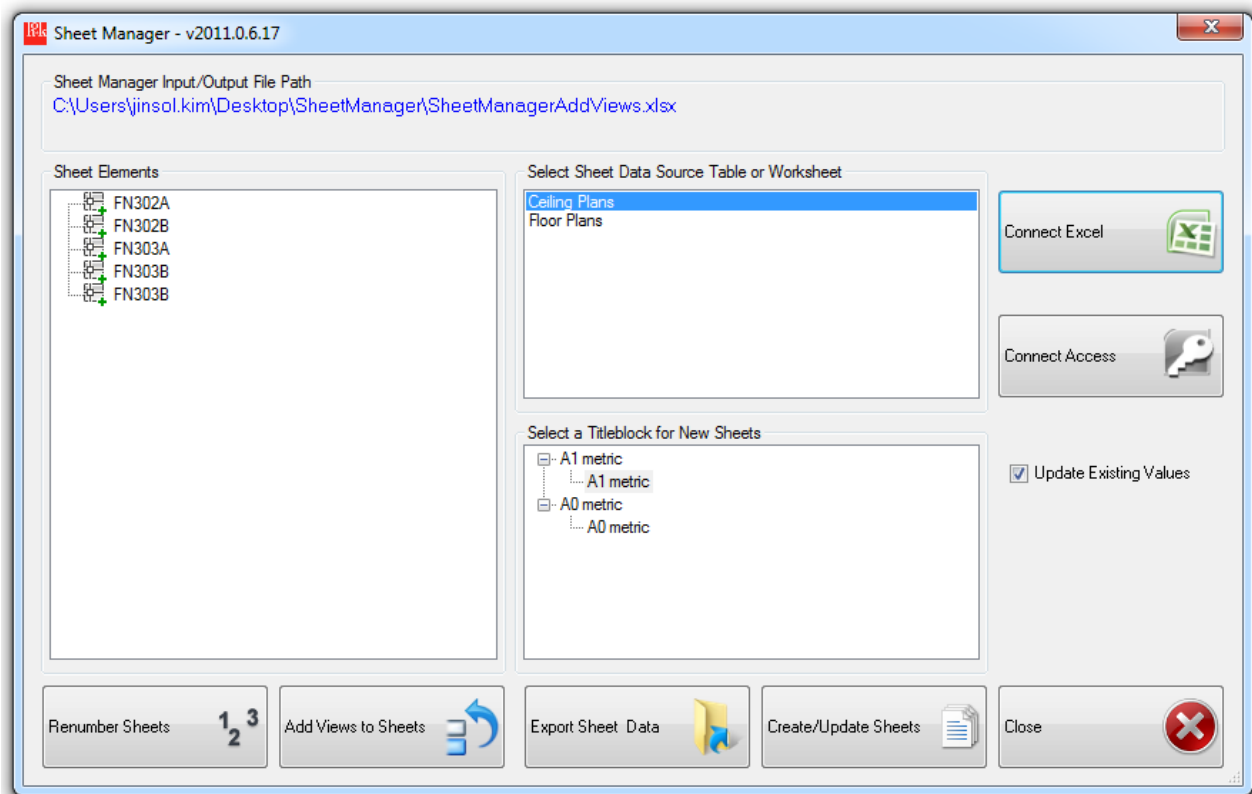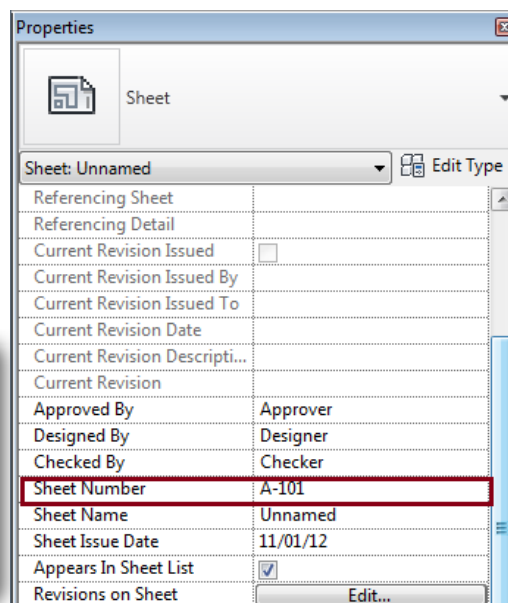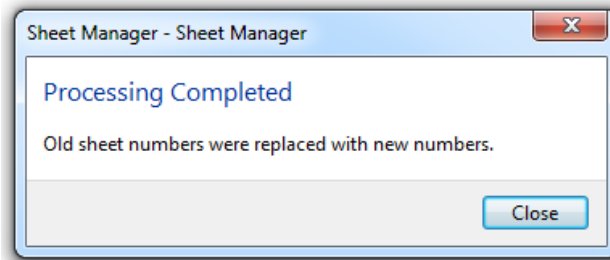

[step 2] Select an item from Select Sheet Data Source Table or Worksheet
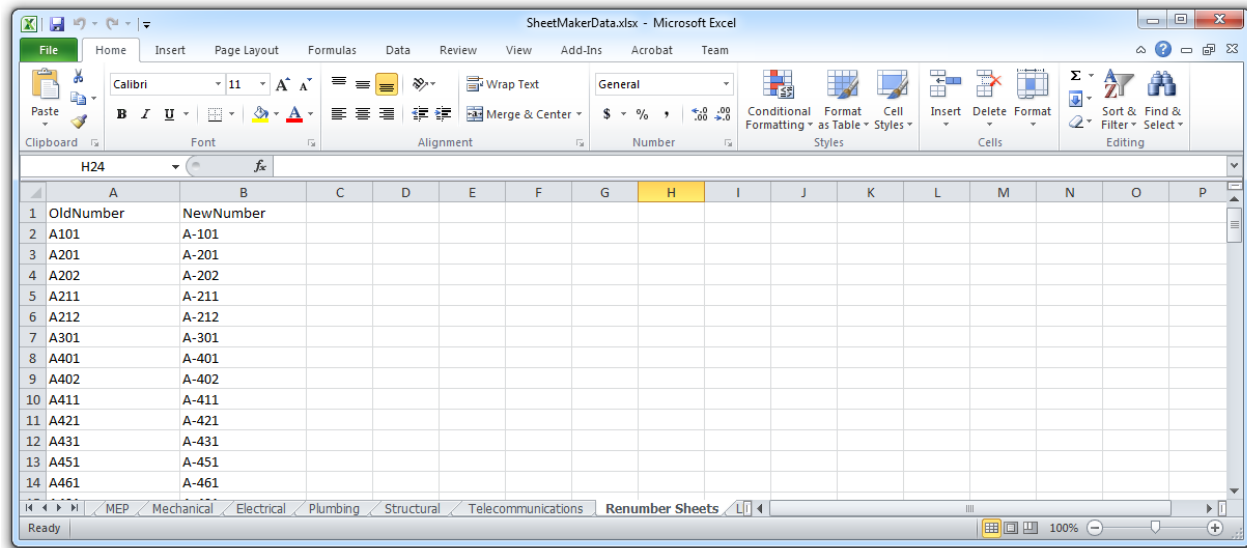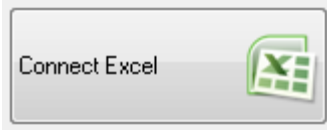
[step 3] Click Renumber Sheets button to start replacing old sheet numbers to new sheet numbers. This process will read the worksheet named Renumber Sheets in *SheetMakerData.xlsx*

[step 4] You will see the massage when successfully completed. See if the sheet numbers are replaced with new numbers.
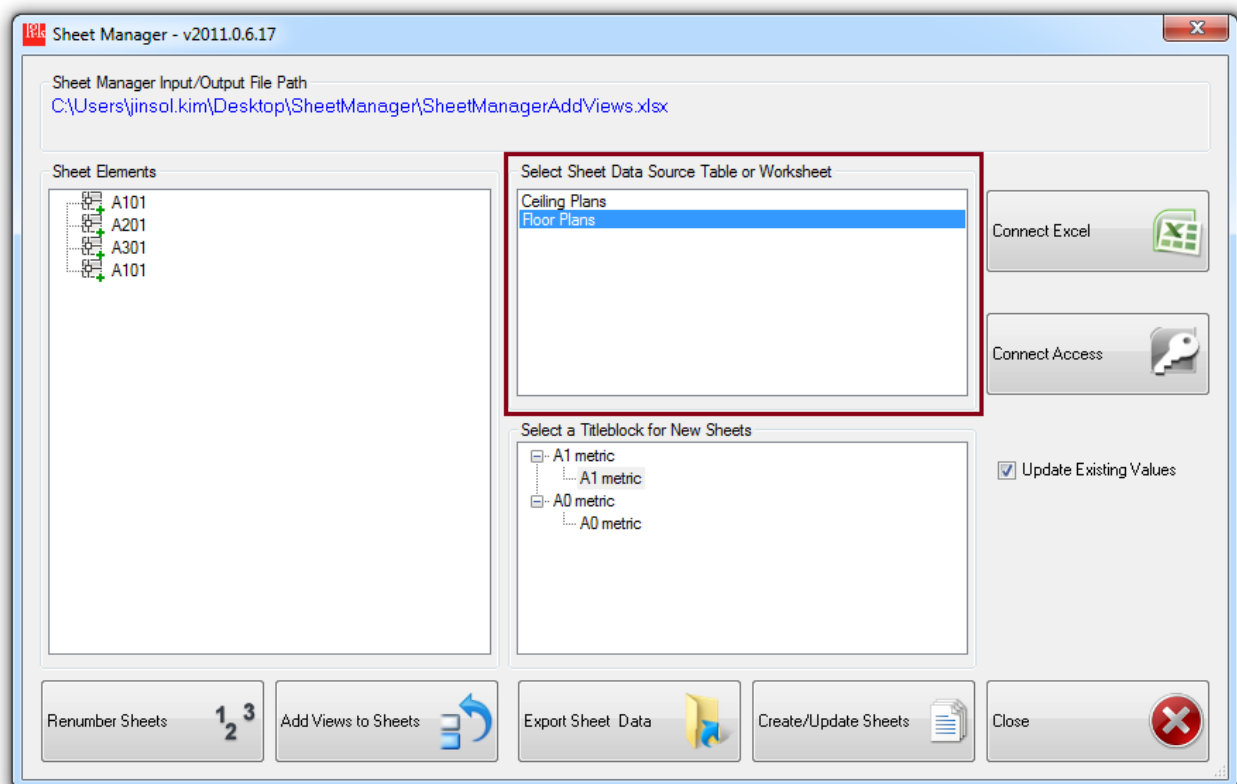
3   Add views to Sheets

3.1   Add Views to Existing Sheets

Connect Excel

[step 1] Click Connect Excel button and open *SheetManagerAddViews.xlsx* file.
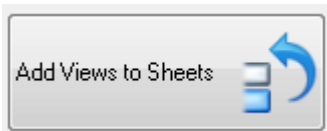** Make sure that SheetManagerAddViews.xlsx contains all requiring columns.(See Requirements section in the beginning of this document)
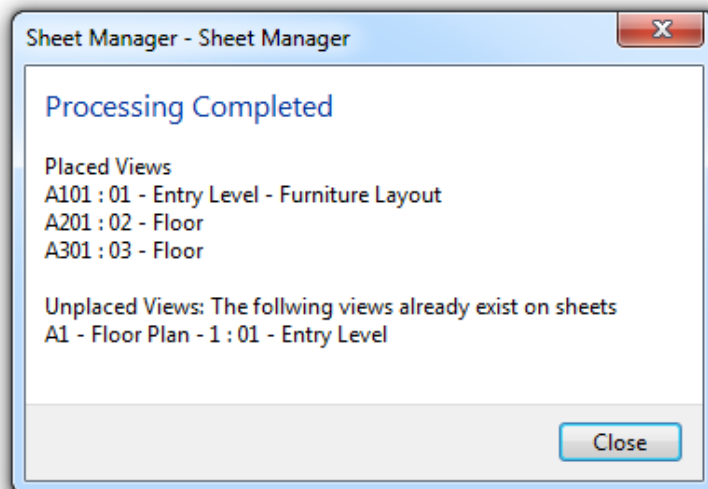

[step 2] Select an item from Select Sheet Data Source Table or Worksheet

	A	B	C	D	E	F
1	Sheet Number	View Name	U	V		
2	A101	01 - Entry Level - Furniture Layout	0.3	0.3		
3	A201	02 - Floor	0.3	0.3		
4	A301	03 - Floor	0.3	0.3		
5	A101	01 - Entry Level	0.3	0.6		
6						
7						
8						
9						
10						
11						
12						
13						
14						

Ceiling Plans | Floor Plans

[step 3] Click Add Views to Sheets button to start adding corresponding views to sheets. This process will retrieve the existing sheets in Revit project and if any sheets are matched with sheet numbers in the Excel file, it will add the views in the defined UV location.

Sheet Manager - Sheet Manager

Processing Completed

Placed Views
A101 : 01 - Entry Level - Furniture Layout
A201 : 02 - Floor
A301 : 03 - Floor

Unplaced Views: The follwing views already exist on sheets
A1 - Floor Plan - 1 : 01 - Entry Level

Close

[step 4] You will see the massage when successfully completed. If some views already exist in any sheets, it will indicate the information in the message box.
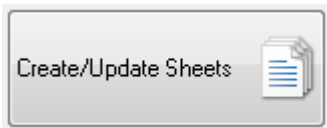
4   Export Sheet Data

4.1   Export Sheet Data
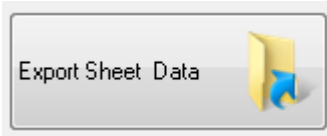
This process will overwrite all up-to-date Revit data into the linked Excel file.

5   Create/Update Sheets

5.1   Create/Update Sheets

From the lists of Sheet Elements, existing sheets will be updated and non-existing sheets will be created.