



# eVolve 1.5

## View and Sheet Creator

This is an in depth tutorial on how to use the latest version as well as the typical workflows.

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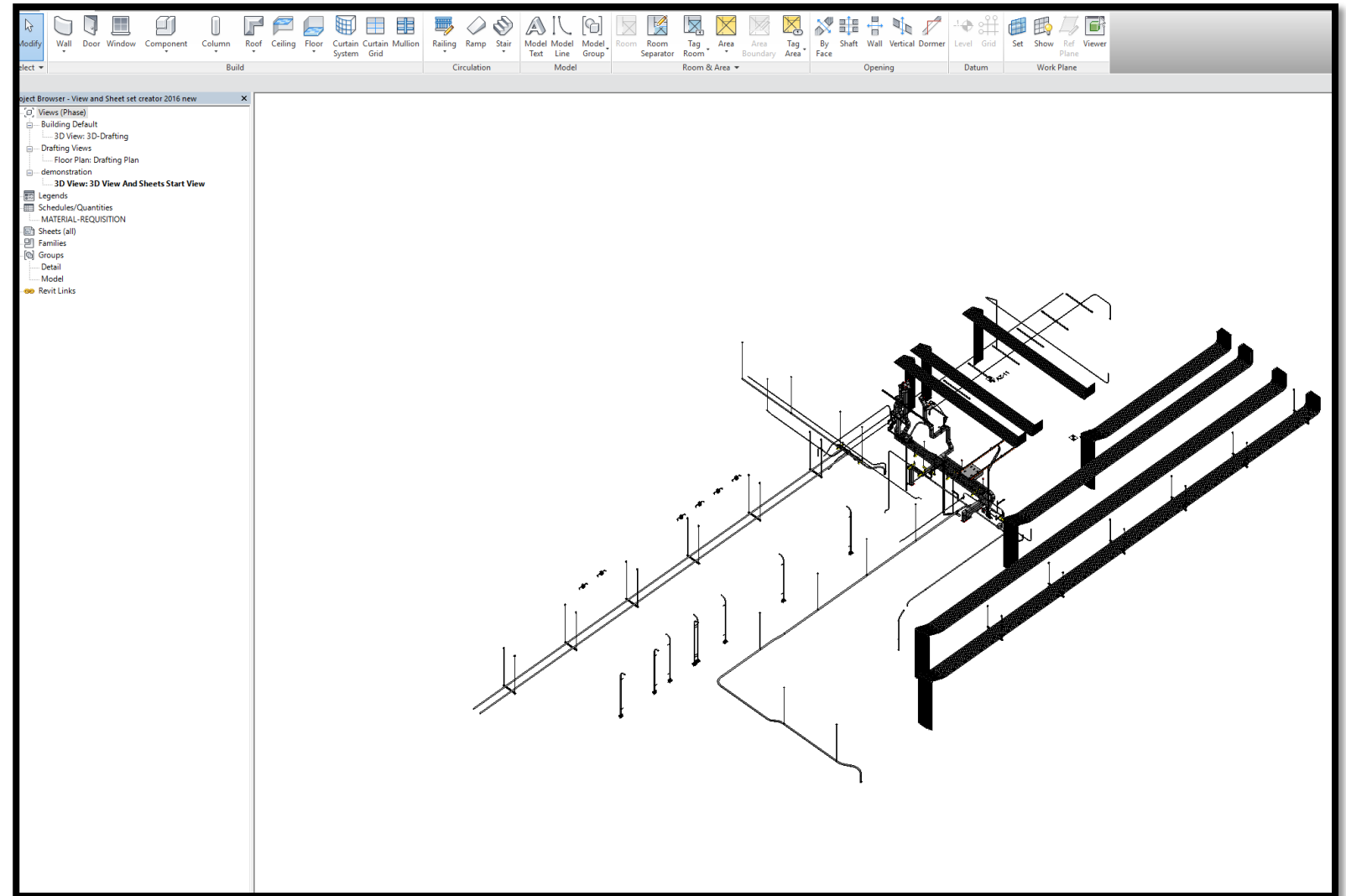
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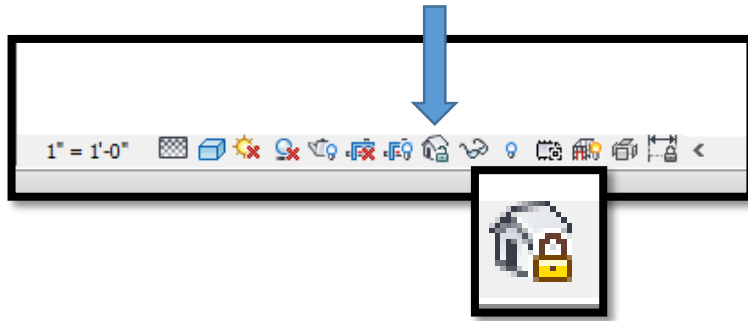
[Worksets Method: 41-47](#)



Let's begin with this sample project. We will be creating our sheets based on several scenarios.

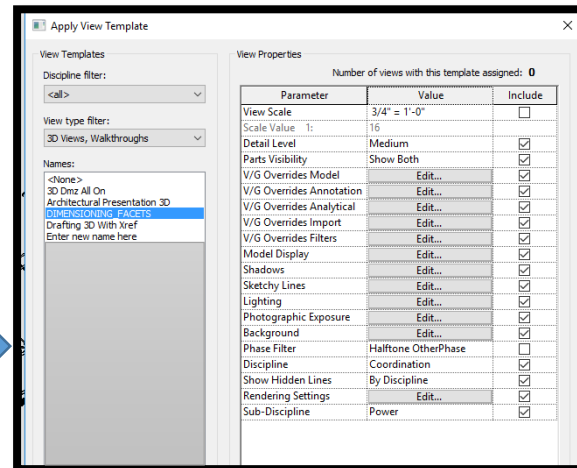
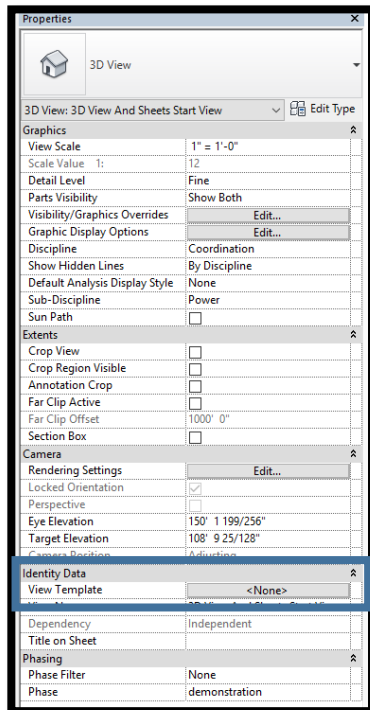
Go to a 3D view and let's go through some settings. This view will be used later on to control look and feel and be used as a template.

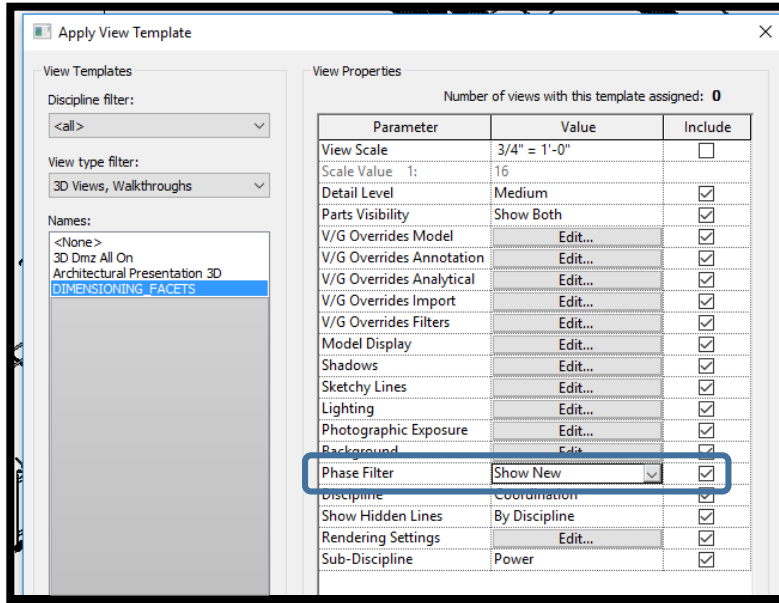




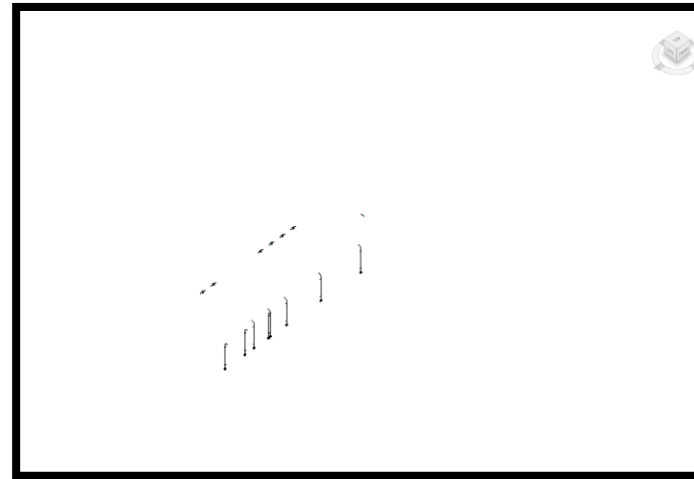
At the bottom of your screen there is a house padlock symbol, select it and lock the view

Next go to the 3d Views properties and select a view template. Choose one that will reveal the hidden shapes in your conduit etc. You will be setting this view up as a sort of template for the 3D Views.

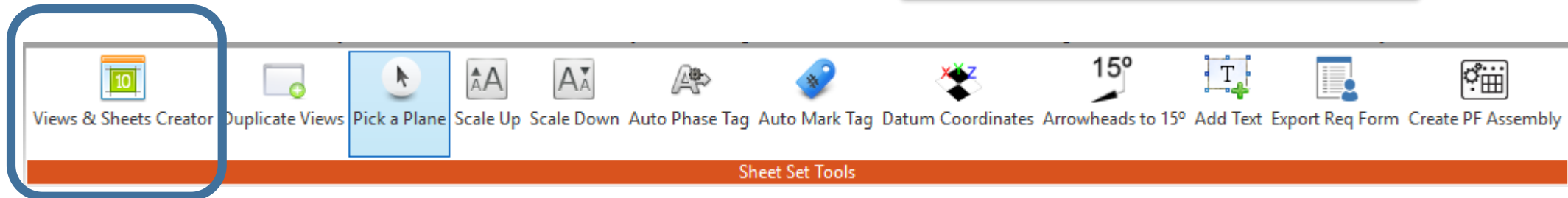




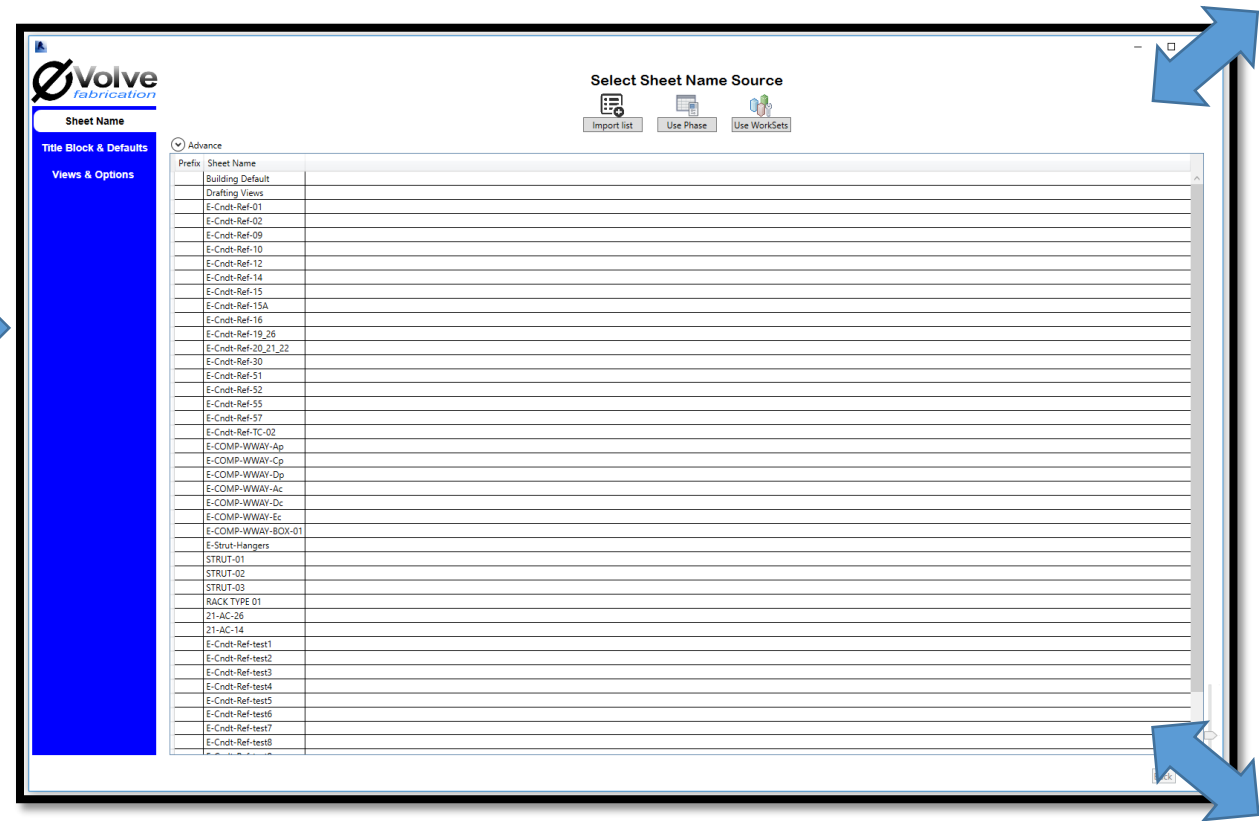
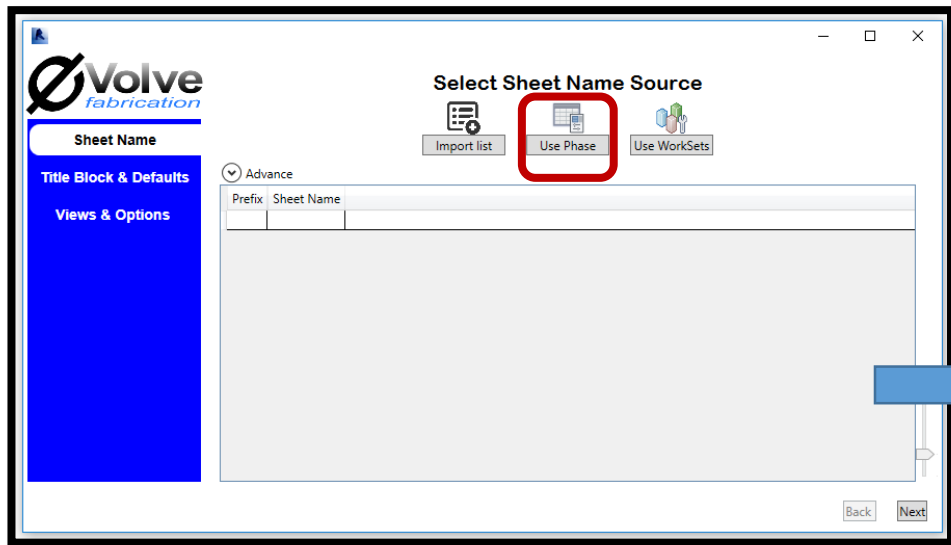
In the Phase Filter portion , select “Show New”. Also Check “Include”. You should notice some items disappear in the view provided you have assigned phases.



We are ready to start up the View and Sheet creator



With the latest version, we can still utilize Phases, but there are two new options for developing views and sheets. First we will go over the “Use Phase” version. Select “Use Phase”. You will notice that the Cells portion of the dialog not contains some new fields. You may stretch the extents of the window as well by dragging the corners.



Select Sheet Name Source

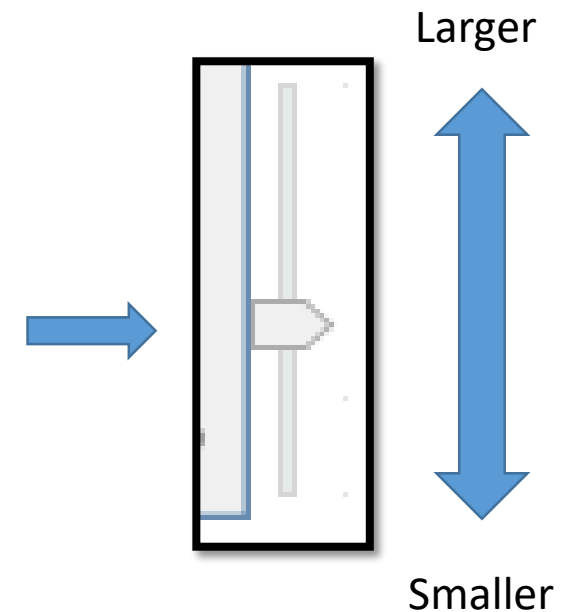
Import list Use Phase Use WorkSets

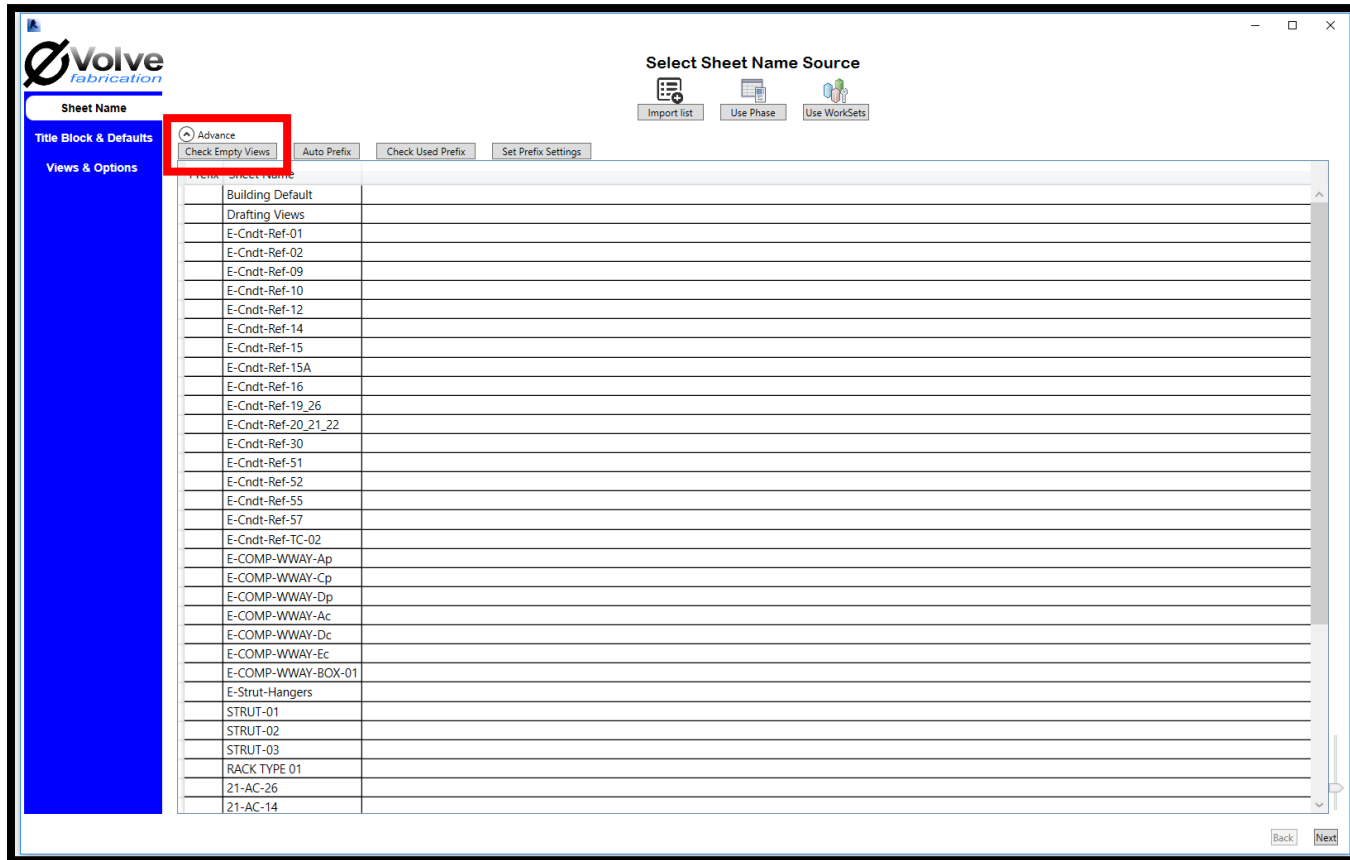
Advance

Prefix	Sheet Name
	Building Default
	Drafting Views
	E-Cndt-Ref-01
	E-Cndt-Ref-02
	E-Cndt-Ref-09
	E-Cndt-Ref-10
	E-Cndt-Ref-12
	E-Cndt-Ref-14
	E-Cndt-Ref-15
	E-Cndt-Ref-15A
	E-Cndt-Ref-16
	E-Cndt-Ref-19_26
	E-Cndt-Ref-20_21_22
	E-Cndt-Ref-30
	E-Cndt-Ref-51
	E-Cndt-Ref-52
	E-Cndt-Ref-55
	E-Cndt-Ref-57
	E-Cndt-Ref-TC-02
	E-COMP-WWAY-Ap
	E-COMP-WWAY-Cp
	E-COMP-WWAY-Dp
	E-COMP-WWAY-Ac
	E-COMP-WWAY-Dc

Back Next

You can enlarge the text by using the slider at the bottom right. Slide it up or down to adjust it. You may also use CNTRL and the mouse wheel.



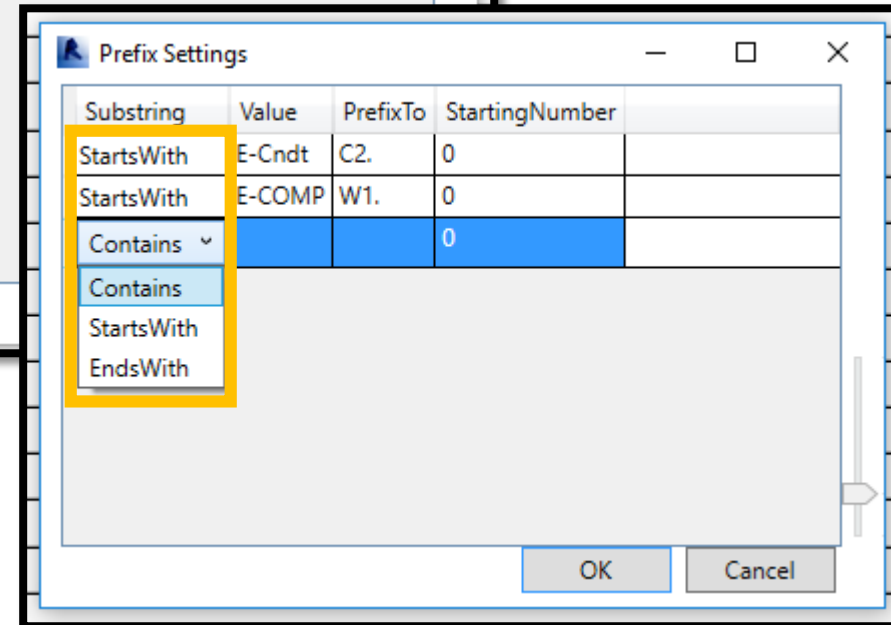
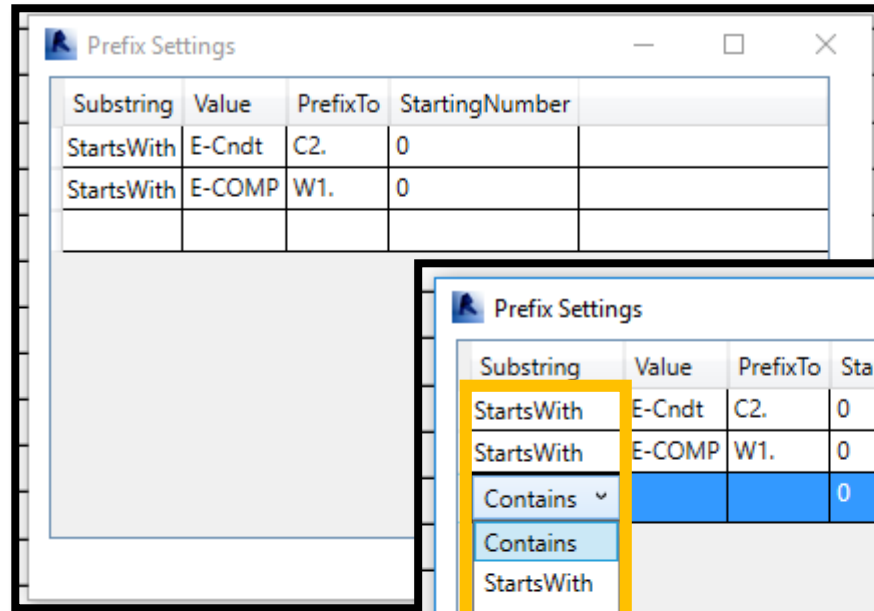
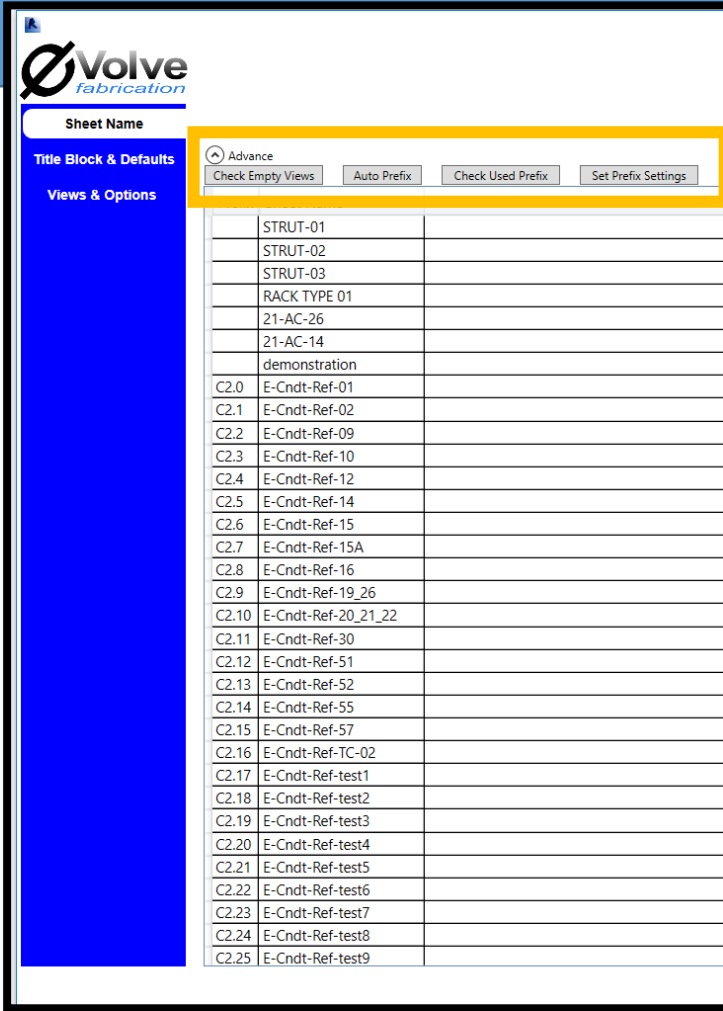


Click Advance to reveal options for the sheets.

Select Check Empty Views. This will highlight views in the set that have zero contents. We will want to delete these from the set. To delete, select then Right Click. Select the option to Delete if needed.

# Sheet Name

There is an option to assign prefixes automatically but first we need to create the criteria. Select set prefix settings a dialog will open.

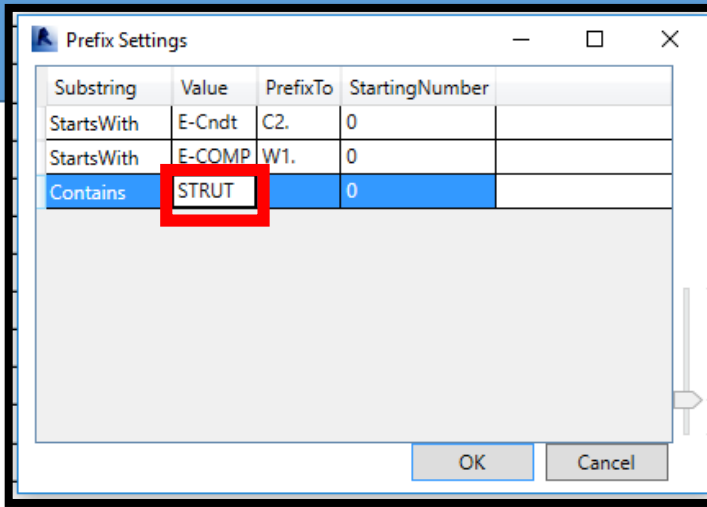


In the Starts With Column You can choose your validation conditions. Select *Contains*, *StartsWith*, or *EndsWith*.

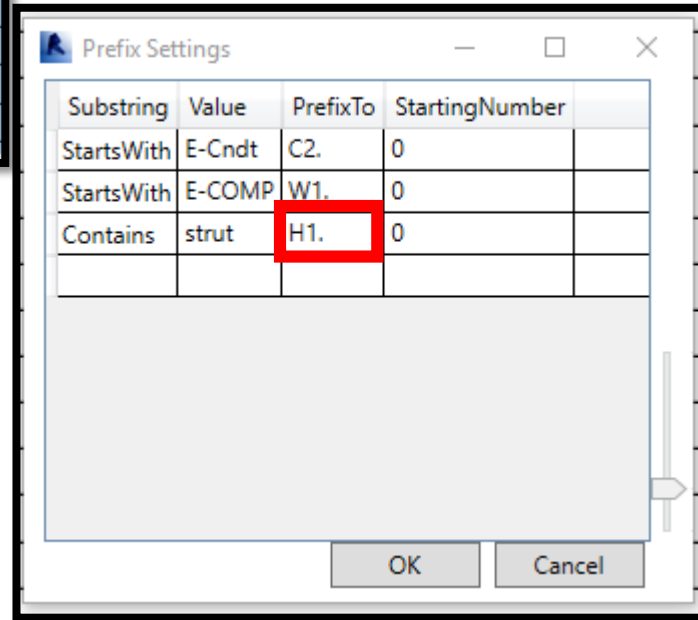


## Sheet Name

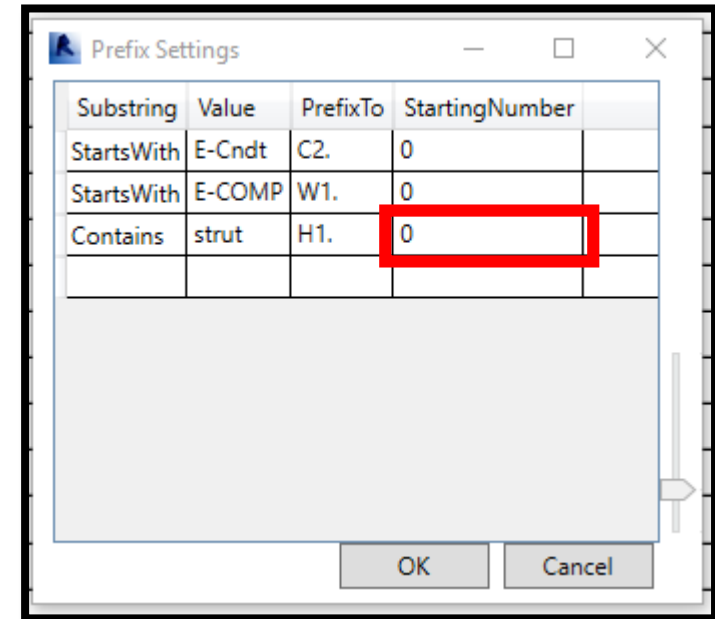
Type a value in the Value cell in which to validate. The value is **not** required to be case sensitive.



Type the values for Prefix to:  
This value must contain a  
Number. We used "H1."



You can choose your starting number in the set. In this example we will stick with 0 . Repeat the steps as needed There is a hierarchy to the order. The last one created or the lowest one in the list takes precedence over the ones further up the list. You can create a new prefix setting anywhere in the list By right clicking further up or down.



To assign the Prefixes select Auto prefix.

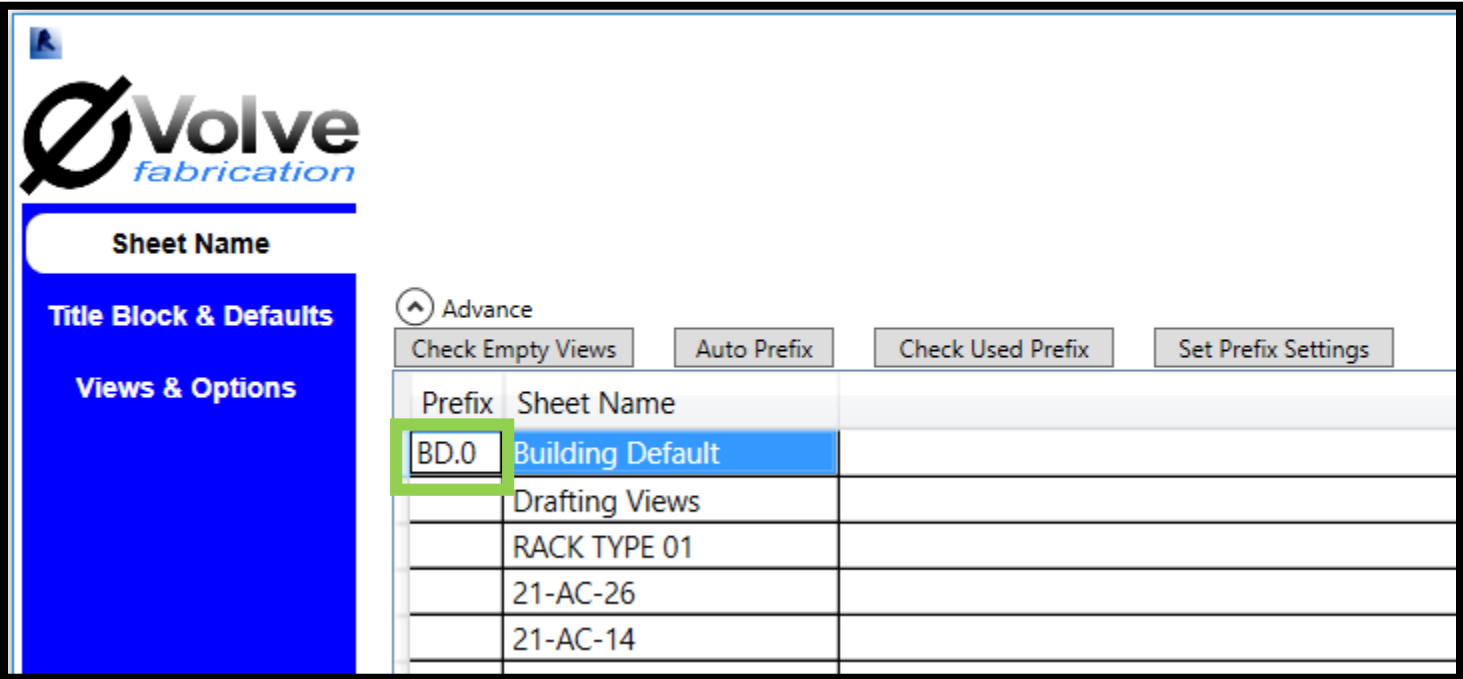
**Select Sheet Name Source**

Import list Use Phase Use WorkSets

Advance  
Check Empty Views **Auto Prefix** Check Used Prefix Set Prefix Settings

Prefix	Sheet Name
C2.7	E-Cndt-Ref-15A
C2.8	E-Cndt-Ref-16
C2.9	E-Cndt-Ref-19_26
C2.10	E-Cndt-Ref-20_21_22
C2.11	E-Cndt-Ref-30
C2.12	E-Cndt-Ref-51
C2.13	E-Cndt-Ref-52
C2.14	E-Cndt-Ref-55
C2.15	E-Cndt-Ref-57
C2.16	E-Cndt-Ref-TC-02
C2.17	E-Cndt-Ref-test1
C2.18	E-Cndt-Ref-test2
C2.19	E-Cndt-Ref-test3
C2.20	E-Cndt-Ref-test4
C2.21	E-Cndt-Ref-test5
C2.22	E-Cndt-Ref-test6
C2.23	E-Cndt-Ref-test7
C2.24	E-Cndt-Ref-test8
C2.25	E-Cndt-Ref-test9
C2.26	E-Cndt-Ref-test10
H1.0	E-Strut-Hangers
H1.1	STRUT-01
H1.2	STRUT-02
H1.3	STRUT-03
W1.0	E-COMP-WWAY-Ap
W1.1	E-COMP-WWAY-Cp
W1.2	E-COMP-WWAY-Dp
W1.3	E-COMP-WWAY-Ac
W1.4	E-COMP-WWAY-Dc
W1.5	E-COMP-WWAY-Ec
W1.6	E-COMP-WWAY-BOX-01

Back Next



Advance

Check Empty Views   Auto Prefix   Check Used Prefix   Set Prefix Settings

Prefix	Sheet Name
BD.0	Building Default
	Drafting Views
	RACK TYPE 01
	21-AC-26
	21-AC-14

To manually assign a prefix click the cell and type the value. The prefix will require a number .

## Sheet Name

**Volve fabrication**

Sheet Name

Advance

Check Empty Views Auto Prefix **Check Used Prefix** Set Prefix Settings

Prefix	Sheet Name
BD.0	Building Default
	Drafting Views
	RACK TYPE 01
	21-AC-26
	21-AC-14
	demonstration
C2.0	E-Cndt-Ref-01
C2.1	E-Cndt-Ref-02

Check Used Prefix has several items to check for. These will need to be corrected if your cells are highlighted.

- Prefix needs to be unique
- Has to have a number
- No special characters \*&%\$#
- Field cannot be left blank
- Field cannot be a duplicate

After corrections run Check Used Prefix again. Cells will clear up when corrected.

**Volve fabrication**

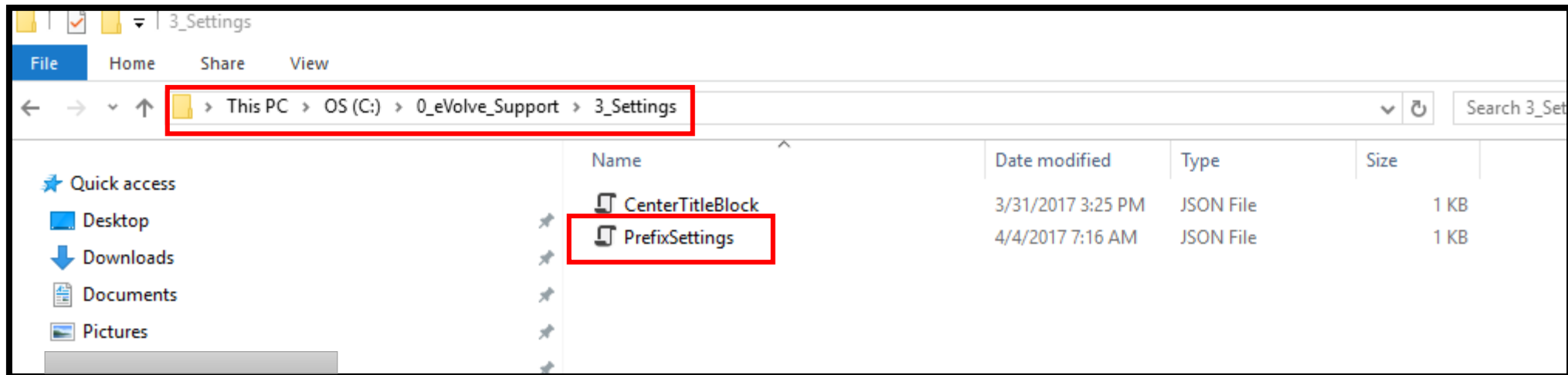
Sheet Name

Advance

Check Empty Views Auto Prefix Check Used Prefix Set Prefix Settings

Prefix	Sheet Name
BD.0	Building Default
DV.1	Drafting Views
RK.0	RACK TYPE 01
AC.0	21-AC-26
AC.1	21-AC-14
DM.0	demonstration
C2.0	E-Cndt-Ref-01
C2.1	E-Cndt-Ref-02

Once settings have been created you can share these settings or set these as the Company Standard by overwriting the file located on the C Drive here. The name must be the exact same. **Do not rename the file.**



**Select Sheet Name Source**

Import list   Use Phase   Use WorkSets

Advance  
Check Empty Views   Auto Prefix   Check Used Prefix   Set Prefix Settings

Prefix	Sheet Name
BD.0	Building Default
DV.1	Drafting Views
RK.0	RACK TYPE 01
	RACK TYP
AC.0	21-AC-26
AC.1	21-AC-14
DM.0	demonstr
C2.0	E-Cndt-Ref
C2.1	E-Cndt-Ref
C2.2	E-Cndt-Ref-09
C2.3	E-Cndt-Ref-10
C2.4	E-Cndt-Ref-12
C2.6	E-Cndt-Ref-15
C2.7	E-Cndt-Ref-15A
C2.8	E-Cndt-Ref-16
C2.9	E-Cndt-Ref-19_26
C2.10	E-Cndt-Ref-20_21_22
C2.11	E-Cndt-Ref-30
C2.12	E-Cndt-Ref-51
C2.13	E-Cndt-Ref-52
C2.14	E-Cndt-Ref-55
C2.15	E-Cndt-Ref-57
C2.16	E-Cndt-Ref-TC-02
C2.17	E-Cndt-Ref-test1
C2.18	E-Cndt-Ref-test2
C2.19	E-Cndt-Ref-test3
C2.20	E-Cndt-Ref-test4
C2.21	E-Cndt-Ref-test5
C2.22	E-Cndt-Ref-test6
C2.23	E-Cndt-Ref-test7
C2.24	E-Cndt-Ref-test8
C2.25	E-Cndt-Ref-test9

Next

To insert an additional sheet(s) based on one of the phases , right click and select duplicate. You will be able to assign the view type later. Add the Prefix to the new sheet(s). Be sure it meets the criteria discussed.

When complete click next.

## Most Common Settings

Now let's assign our settings for our **most common** view that we are using as a template for the sheets. Then we can modify as needed later.

The Title Block we are using for this sheet type

Use when overriding and manually picking a single phase for this sheet type. This applies to the active phase of the view represented on the sheet.

This will shrink the Viewport to the extents of the model elements in the phase.

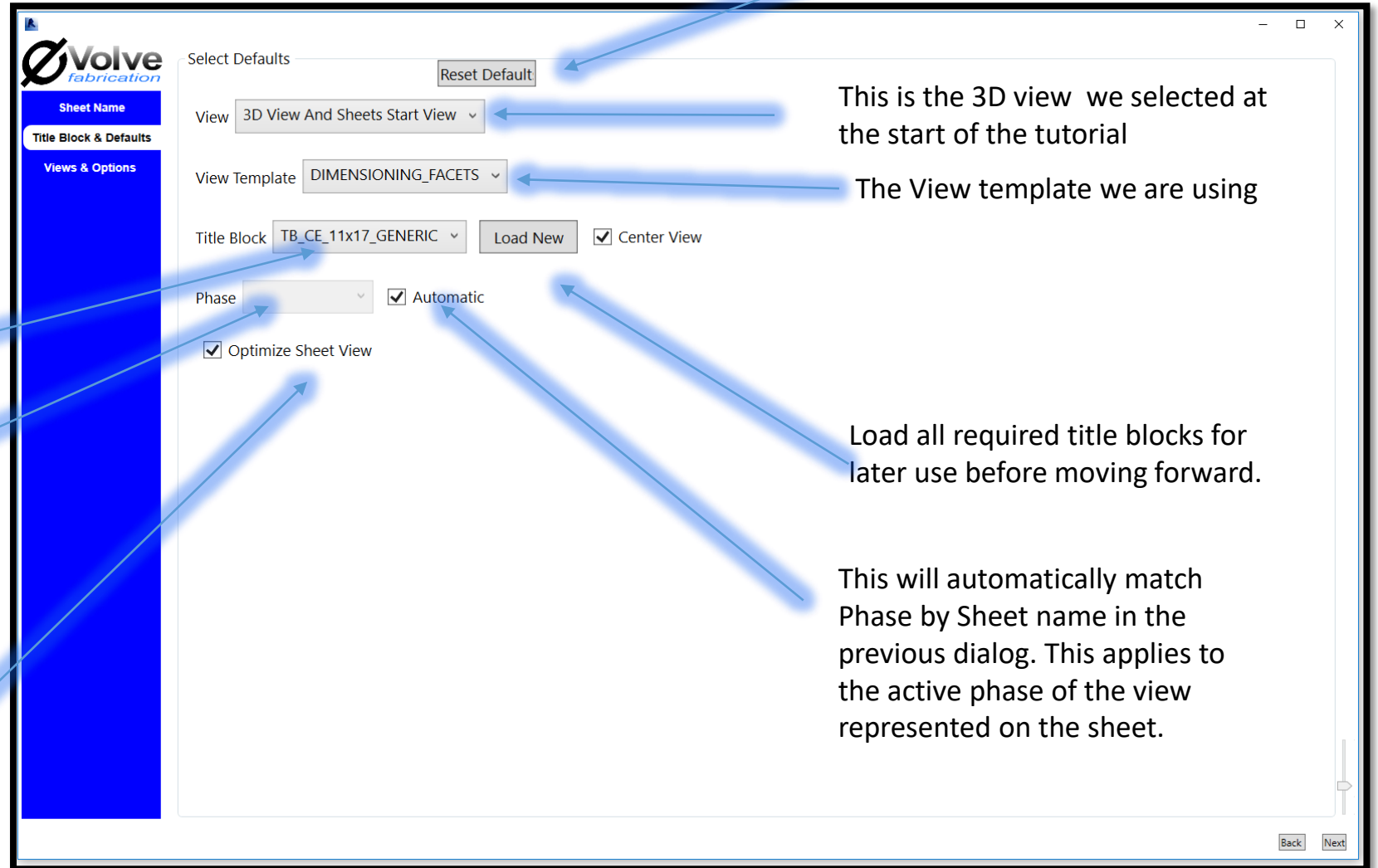
This will reset the settings.

This is the 3D view we selected at the start of the tutorial

The View template we are using

Load all required title blocks for later use before moving forward.

This will automatically match Phase by Sheet name in the previous dialog. This applies to the active phase of the view represented on the sheet.



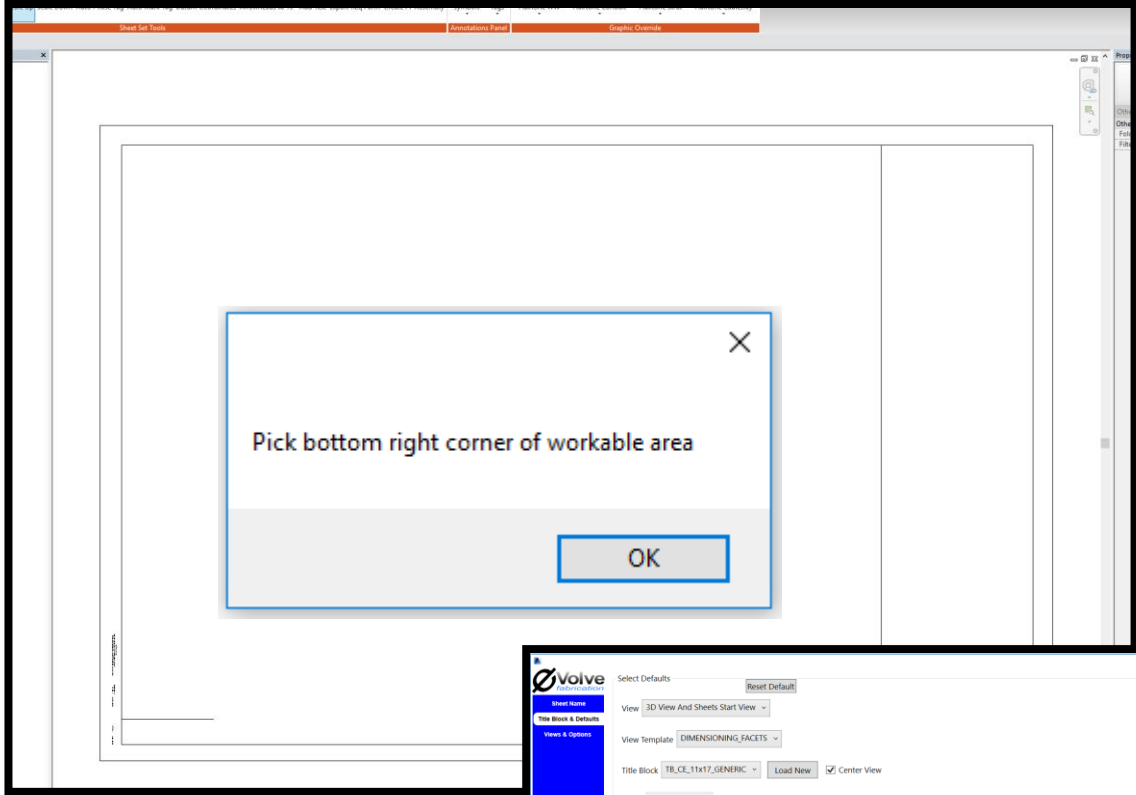
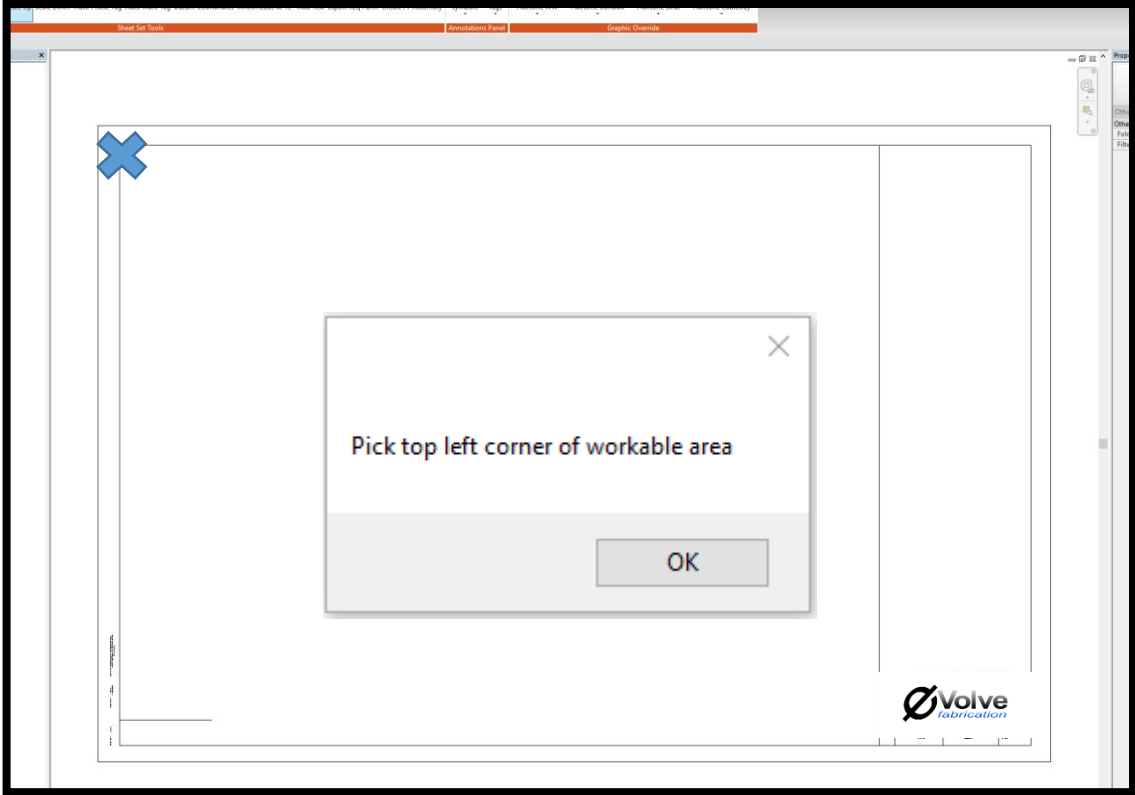
When setting Center View on a newly loaded title block it will open a new dialog. Continue to next slide

The screenshot shows the 'Title Block & Defaults' dialog in the Volve fabrication software. The dialog has a sidebar on the left with 'Title Block & Defaults' selected. The main area contains the following settings:

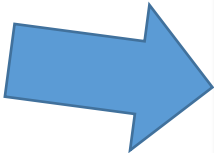
- Select Defaults: Reset Default
- View: 3D View And Sheets Start View
- View Template: DIMENSIONING\_FACETS
- Title Block: TB\_CE\_11x17\_GENERIC (Load New)  Center View
- Phase:  Automatic
- Optimize Sheet View

A red box highlights the 'Center View' checkbox, and a blue arrow points from it to a smaller dialog box titled 'Workable area not found'. This dialog contains a yellow warning icon and the text 'Do you want to set workable area on titleblock?' with 'Yes' and 'No' buttons.





When complete the previous window reappears.



The screenshot shows the Volve fabrication software interface. On the left, a blue sidebar contains the 'Views & Options' menu. The main window displays a table with the following columns: Prefix, Sheet Name, View, View Template, Phase, and Title Block. The table lists various sheet configurations, including 'Building Default', 'Drafting Views', 'RACK TYPE 01', and numerous 'E-Cndt-Ref' entries.

Prefix	Sheet Name	View	View Template	Phase	Title Block
BD.0	Building Default	3D View And Sheets Start View	Drafting 3D With Xref	Building Default	24x36
DV.1	Drafting Views	3D View And Sheets Start View	Drafting 3D With Xref	Drafting Views	24x36
RK.0	RACK TYPE 01	3D View And Sheets Start View	Drafting 3D With Xref	RACK TYPE 01	24x36
RK.1	RACK TYPE 01	3D View And Sheets Start View	Drafting 3D With Xref	RACK TYPE 01	24x36
AC.0	21-AC-26	3D View And Sheets Start View	Drafting 3D With Xref	21-AC-26	24x36
AC.1	21-AC-14	3D View And Sheets Start View	Drafting 3D With Xref	21-AC-14	24x36
DM.0	demonstration	3D View And Sheets Start View	Drafting 3D With Xref	demonstration	24x36
C.2.0	E-Cndt-Ref-01	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-01	24x36
C.2.1	E-Cndt-Ref-02	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-02	24x36
C.2.2	E-Cndt-Ref-09	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-09	24x36
C.2.3	E-Cndt-Ref-10	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-10	24x36
C.2.4	E-Cndt-Ref-12	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-12	24x36
C.2.5	E-Cndt-Ref-14	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-14	24x36
C.2.6	E-Cndt-Ref-15	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-15	24x36
C.2.7	E-Cndt-Ref-15A	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-15A	24x36
C.2.8	E-Cndt-Ref-16	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-16	24x36
C.2.9	E-Cndt-Ref-19_26	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-19_26	24x36
C.2.10	E-Cndt-Ref-20_21_22	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-20_21_22	24x36
C.2.11	E-Cndt-Ref-30	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-30	24x36
C.2.12	E-Cndt-Ref-51	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-51	24x36
C.2.13	E-Cndt-Ref-52	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-52	24x36
C.2.14	E-Cndt-Ref-55	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-55	24x36
C.2.15	E-Cndt-Ref-57	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-57	24x36
C.2.16	E-Cndt-Ref-TC-02	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-TC-02	24x36
C.2.17	E-Cndt-Ref-test1	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test1	24x36
C.2.18	E-Cndt-Ref-test2	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test2	24x36
C.2.19	E-Cndt-Ref-test3	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test3	24x36
C.2.20	E-Cndt-Ref-test4	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test4	24x36
C.2.21	E-Cndt-Ref-test5	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test5	24x36
C.2.22	E-Cndt-Ref-test6	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test6	24x36
C.2.23	E-Cndt-Ref-test7	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test7	24x36
C.2.24	E-Cndt-Ref-test8	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test8	24x36
C.2.25	E-Cndt-Ref-test9	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test9	24x36

In this part we are in the Views and Options menu. From here we can make changes to the View , View template , Phase and Title block choices on the least common sheets.

Make your choices from the dropdown menus

The screenshot shows the Volve fabrication software interface. On the left, there is a sidebar with a blue background containing the following menu items: "Sheet Name", "Title Block & Defaults", and "Views & Options". The main area displays a table with the following columns: Prefix, Sheet Name, View, View Template, Phase, and Title Block. The table contains four rows of data. A blue arrow points to the "View" dropdown menu in the first row, which is currently set to "3D View And Sheets Start View". Another blue arrow points to the "View Template" dropdown menu in the second row, which is currently set to "Drafting 3D With Xref". A third blue arrow points to the "Phase" dropdown menu in the second row, which is currently set to "Drafting Views". A fourth blue arrow points to the "Title Block" dropdown menu in the second row, which is currently set to "24x36".

Prefix	Sheet Name	View	View Template	Phase	Title Block
BD.0	Building Default	3D View And Sheets Start View	Drafting 3D With Xref	Building Default	24x36
DV.1	Drafting Views	Drafting Plan	Drafting 3D With Xref	Drafting Views	24x36
RK.0	RACK TYPE 01	3D-Drafting	Drafting 3D With Xref	RACK TYPE 01	24x36
RK.1	RACK TYPE 01	3D View And Sheets Start View	Drafting 3D With Xref	RACK TYPE 01	24x36

Prefix	Sheet Name	View	View Template	Phase	Title Block
BD.0	Building Default	3D View And Sheets Start View	Drafting 3D With Xref	Building Default	24x36
DV.1	Drafting Views	3D View And Sheets Start View	Drafting 3D With Xref	Drafting Views	24x36
RK.0	RACK TYPE 01	3D View And Sheets Start View	Drafting 3D With Xref	RACK TYPE 01	24x36
RK.1	RACK TYPE 01	Drafting Plan	Electrical Plan	RACK TYPE 01	TB_CE_11x17_GENERIC

This screenshot shows a dropdown menu for the "View Template" column. The selected option is "Drafting 3D With Xref".

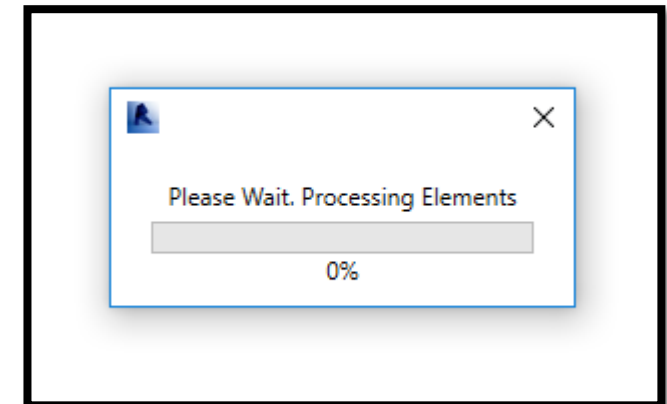
This screenshot shows a dropdown menu for the "Phase" column. The selected option is "Building Default". The list of options includes: Building Default, Drafting Views, E-Cndt-Ref-01, E-Cndt-Ref-02, E-Cndt-Ref-09, E-Cndt-Ref-10, E-Cndt-Ref-12, E-Cndt-Ref-14, E-Cndt-Ref-15, E-Cndt-Ref-15A, E-Cndt-Ref-16, E-Cndt-Ref-19\_26, E-Cndt-Ref-20\_21\_22, E-Cndt-Ref-30, E-Cndt-Ref-51, E-Cndt-Ref-52, E-Cndt-Ref-55, and E-Cndt-Ref-57.

This screenshot shows a dropdown menu for the "Title Block" column. The selected option is "TB\_CE\_11x17\_GENERIC". Other visible options include "24x36".

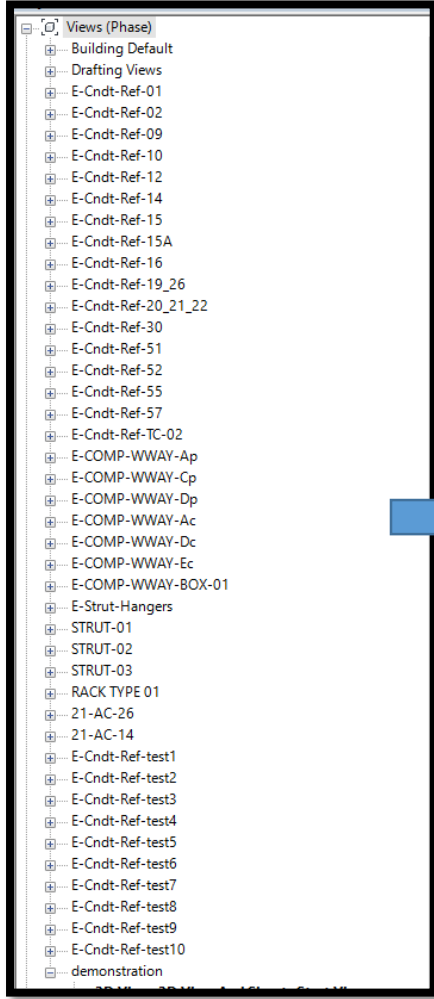
The screenshot shows the Volve fabrication software interface. On the left, there is a blue sidebar with the Volve logo and navigation options: 'Sheet Name', 'Title Block & Defaults', and 'Views & Options'. The main area contains a table with the following columns: Prefix, Sheet Name, View, View Template, Phase, and Title Block. The table lists various sheet configurations, including Building Default, Drafting Views, RACK TYPE 01, 21-AC-26, demonstration, and a series of E-Cndt-Ref sheets. At the bottom right of the table, there are two buttons: 'Back' and 'Create Sheets', with the 'Create Sheets' button highlighted by a red rectangular box.

Prefix	Sheet Name	View	View Template	Phase	Title Block
BD.0	Building Default	3D View And Sheets Start View	Drafting 3D With Xref	Building Default	24x36
DV.1	Drafting Views	3D View And Sheets Start View	Drafting 3D With Xref	Drafting Views	24x36
RK.0	RACK TYPE 01	3D View And Sheets Start View	Drafting 3D With Xref	RACK TYPE 01	24x36
RK.1	RACK TYPE 01	Drafting Plan	Electrical Plan	RACK TYPE 01	TB_CE_11x17_GENERIC
AC.0	21-AC-26	3D View And Sheets Start View	Drafting 3D With Xref	21-AC-26	24x36
AC.1	21-AC-14	3D View And Sheets Start View	Drafting 3D With Xref	21-AC-14	24x36
DM.0	demonstration	3D View And Sheets Start View	Drafting 3D With Xref	demonstration	24x36
C2.0	E-Cndt-Ref-01	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-01	24x36
C2.1	E-Cndt-Ref-02	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-02	24x36
C2.2	E-Cndt-Ref-09	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-09	24x36
C2.3	E-Cndt-Ref-10	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-10	24x36
C2.4	E-Cndt-Ref-12	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-12	24x36
C2.5	E-Cndt-Ref-14	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-14	24x36
C2.6	E-Cndt-Ref-15	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-15	24x36
C2.7	E-Cndt-Ref-15A	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-15A	24x36
C2.8	E-Cndt-Ref-16	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-16	24x36
C2.9	E-Cndt-Ref-19_26	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-19_26	24x36
C2.10	E-Cndt-Ref-20_21_22	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-20_21_22	24x36
C2.11	E-Cndt-Ref-30	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-30	24x36
C2.12	E-Cndt-Ref-51	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-51	24x36
C2.13	E-Cndt-Ref-52	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-52	24x36
C2.14	E-Cndt-Ref-55	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-55	24x36
C2.15	E-Cndt-Ref-57	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-57	24x36
C2.16	E-Cndt-Ref-TC-02	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-TC-02	24x36
C2.17	E-Cndt-Ref-test1	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test1	24x36
C2.18	E-Cndt-Ref-test2	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test2	24x36
C2.19	E-Cndt-Ref-test3	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test3	24x36
C2.20	E-Cndt-Ref-test4	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test4	24x36
C2.21	E-Cndt-Ref-test5	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test5	24x36
C2.22	E-Cndt-Ref-test6	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test6	24x36
C2.23	E-Cndt-Ref-test7	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test7	24x36
C2.24	E-Cndt-Ref-test8	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test8	24x36
C2.25	E-Cndt-Ref-test9	3D View And Sheets Start View	Drafting 3D With Xref	E-Cndt-Ref-test9	24x36

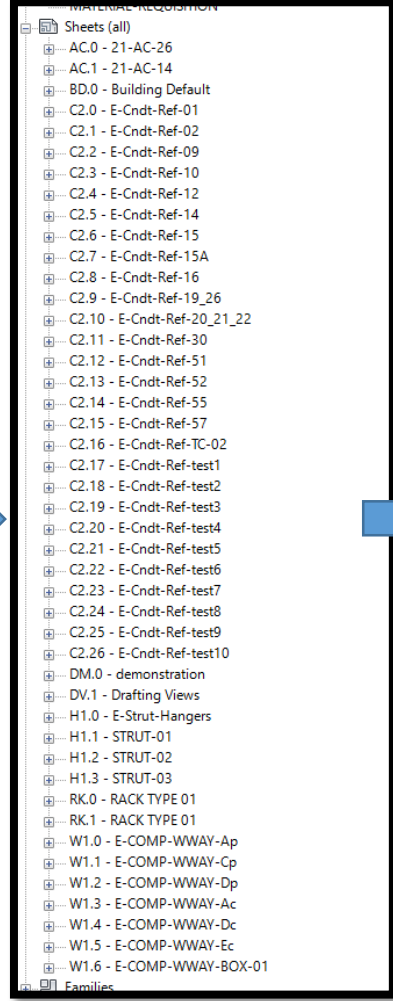
It's time to create the sheets. Click Create Sheets at the bottom right of the window.



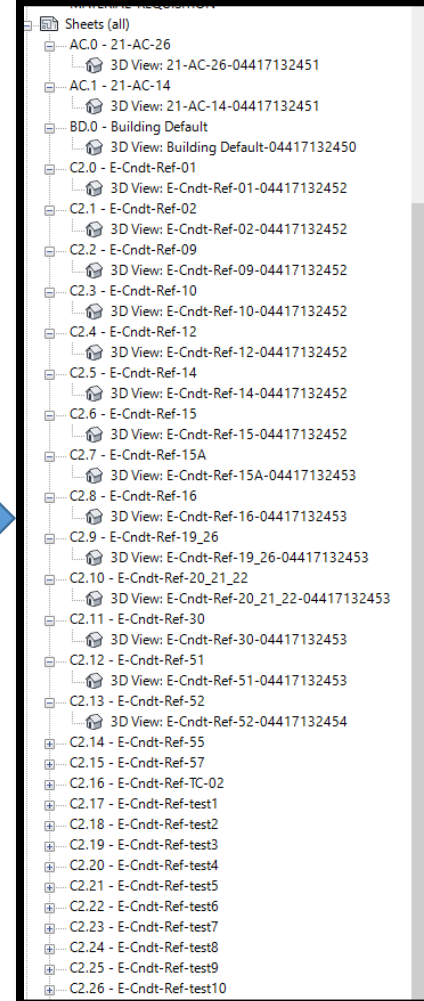
## New Views

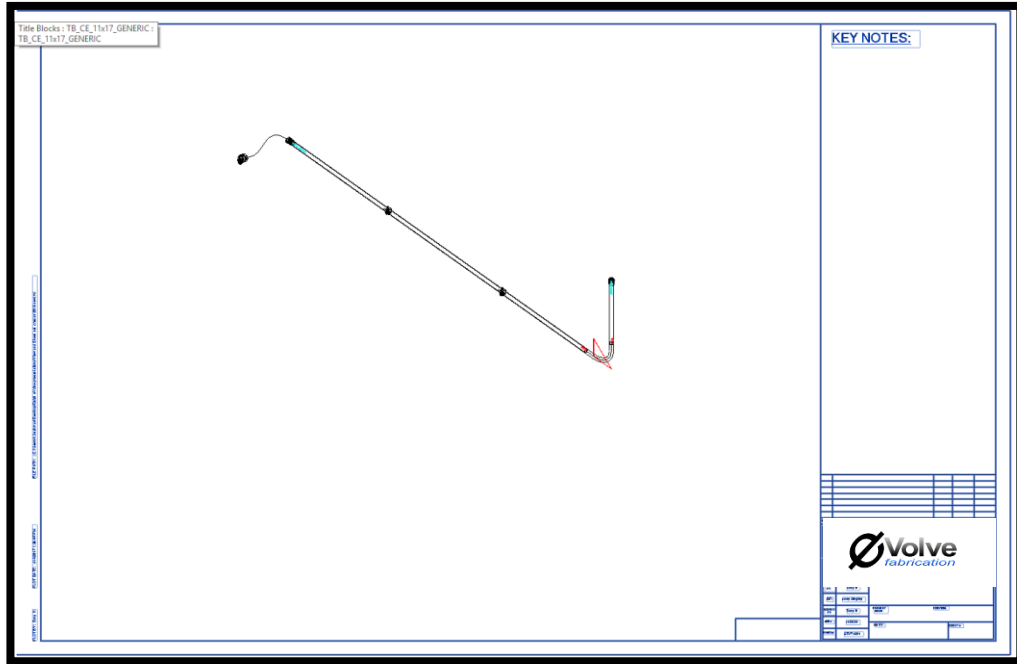


## New Sheets



## New Views place into Sheets





You are now ready to do the details of tagging and dimensions.

## Release 1

- + H1.0 - E-Strut-Hangers
- + H1.1 - STRUT-01
- + H1.2 - STRUT-02
- + H1.3 - STRUT-03

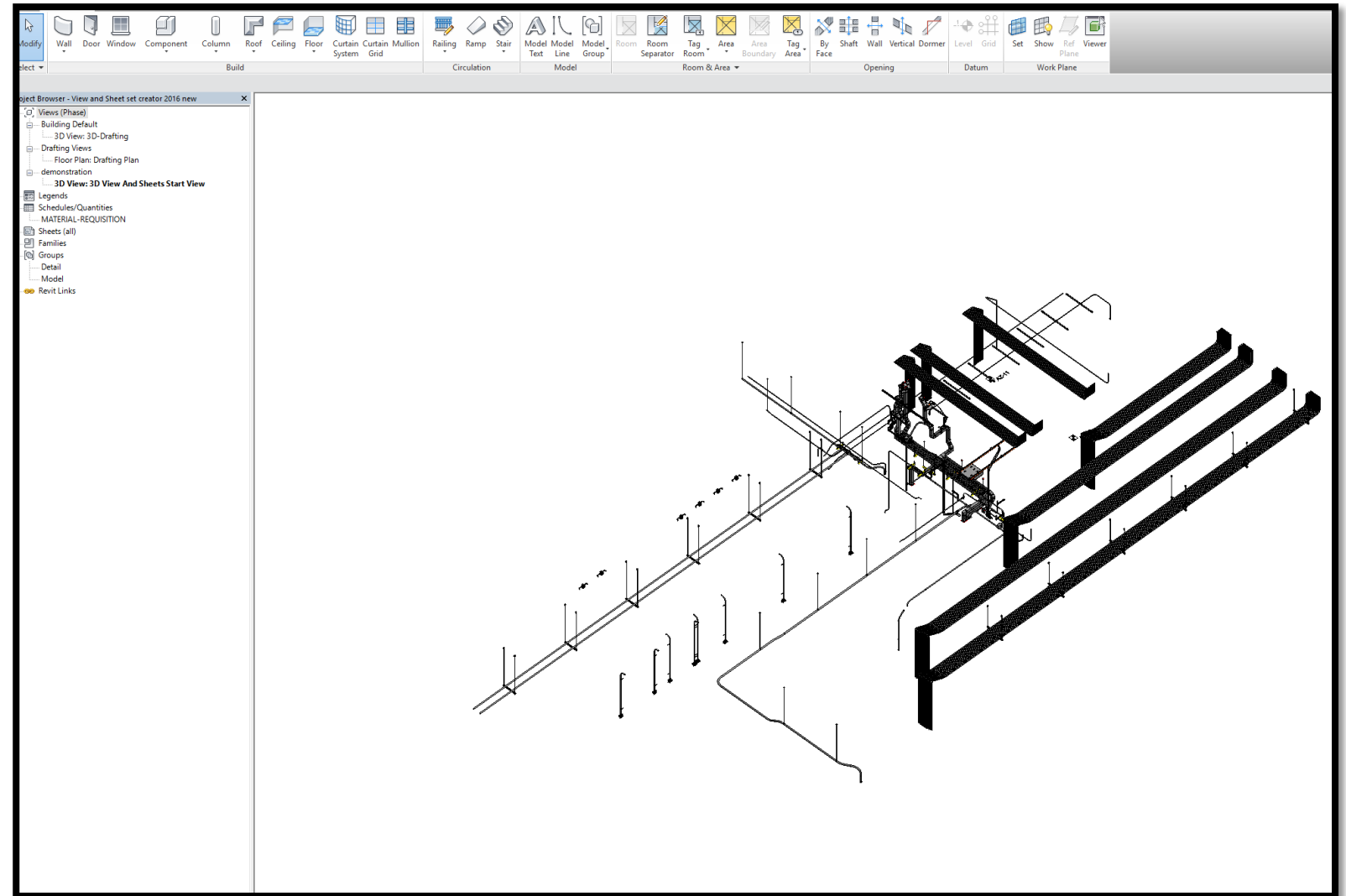
## Release 2

- + C2.0 - E-Cndt-Ref-01
- + **C2.1 - E-Cndt-Ref-02**
- + C2.2 - E-Cndt-Ref-09
- + C2.3 - E-Cndt-Ref-10
- + C2.4 - E-Cndt-Ref-12
- + C2.5 - E-Cndt-Ref-14
- + C2.6 - E-Cndt-Ref-15
- + C2.7 - E-Cndt-Ref-15A
- + C2.8 - E-Cndt-Ref-16
- + C2.9 - E-Cndt-Ref-19\_26
- + C2.10 - E-Cndt-Ref-20\_21\_2
- + C2.11 - E-Cndt-Ref-30
- + C2.12 - E-Cndt-Ref-51
- + C2.13 - E-Cndt-Ref-52
- + C2.14 - E-Cndt-Ref-55
- + C2.15 - E-Cndt-Ref-57
- + C2.16 - E-Cndt-Ref-TC-02
- + C2.17 - E-Cndt-Ref-test1
- + C2.18 - E-Cndt-Ref-test2
- + C2.19 - E-Cndt-Ref-test3
- + C2.20 - E-Cndt-Ref-test4
- + C2.21 - E-Cndt-Ref-test5
- + C2.22 - E-Cndt-Ref-test6
- + C2.23 - E-Cndt-Ref-test7
- + C2.24 - E-Cndt-Ref-test8
- + C2.25 - E-Cndt-Ref-test9
- + C2.26 - E-Cndt-Ref-test10

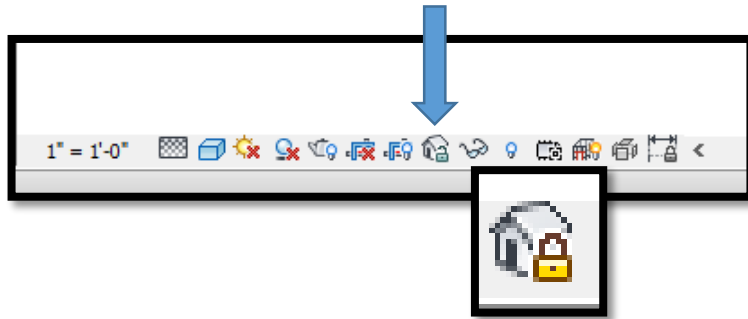
With the latest version we can now do additional sheet releases. This method will show how to do a batch method. We will print out individual releases For Conduit and strut for example.

Let's begin with this sample project. We will be creating our sheets based on several scenarios.

Go to a 3D view and let's go through some settings. This view will be used later on to control look and feel and be used as a template.

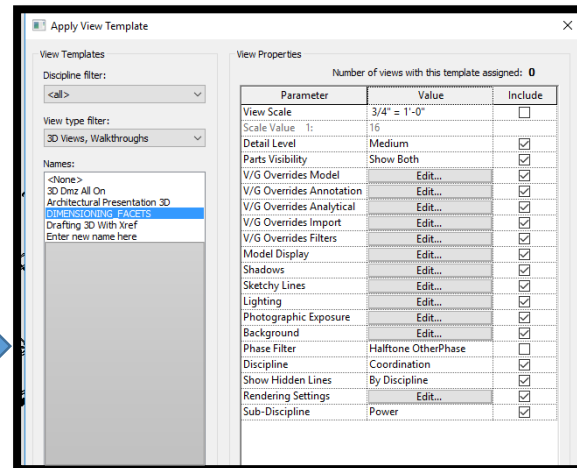
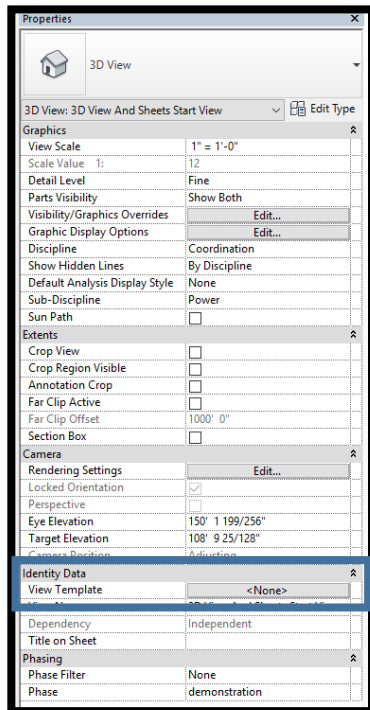


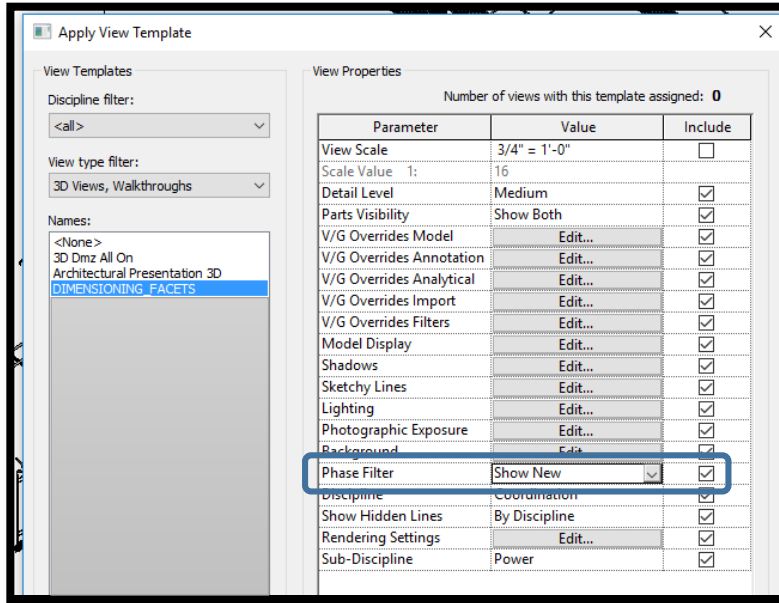




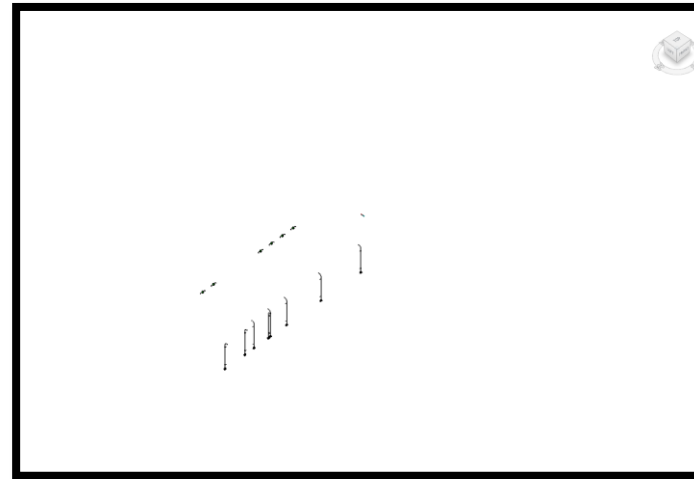
At the bottom of your screen there is a house padlock symbol, select it and lock the view

Next go to the 3d Views properties and select a view template. Choose one that will reveal the hidden shapes in your conduit etc. You will be setting this view up as a sort of template for the 3D Views.

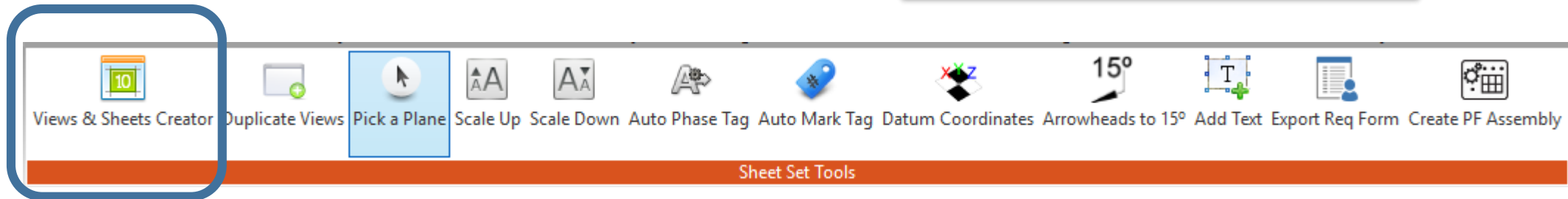




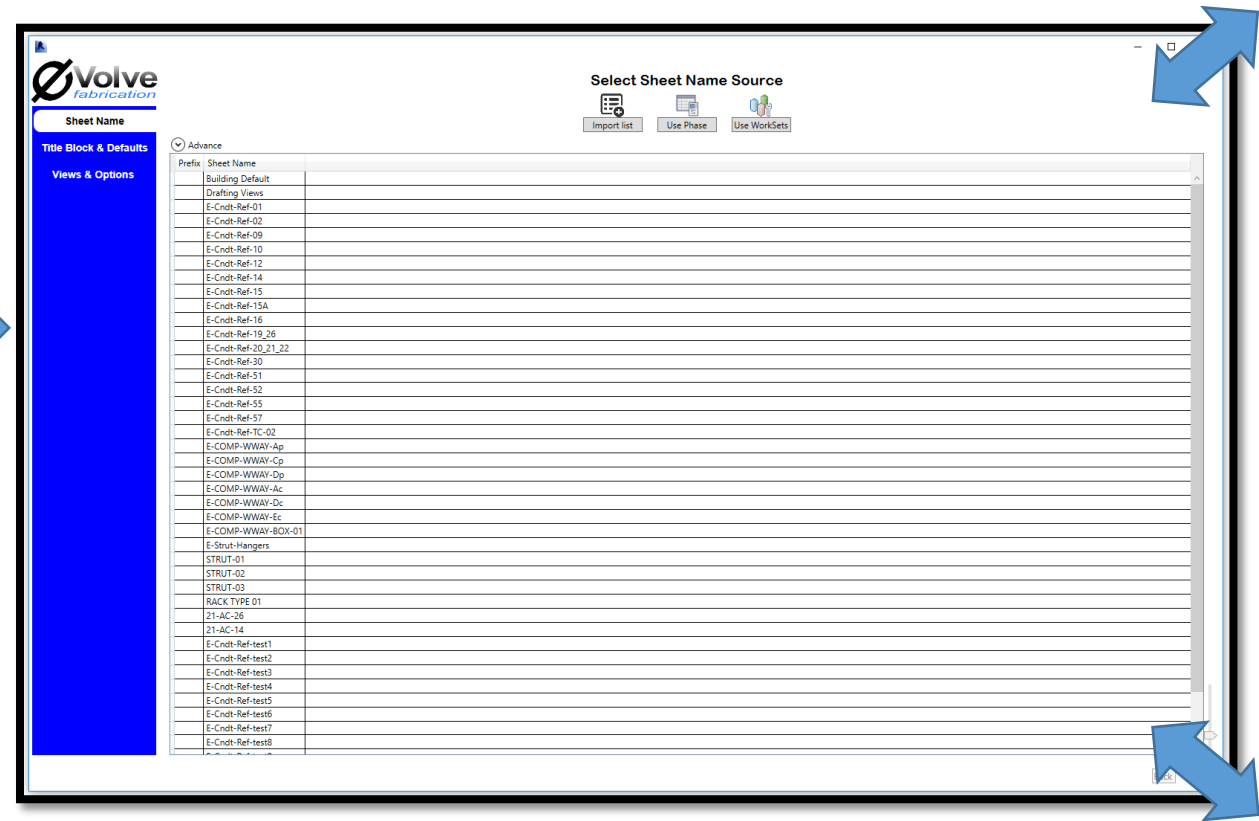
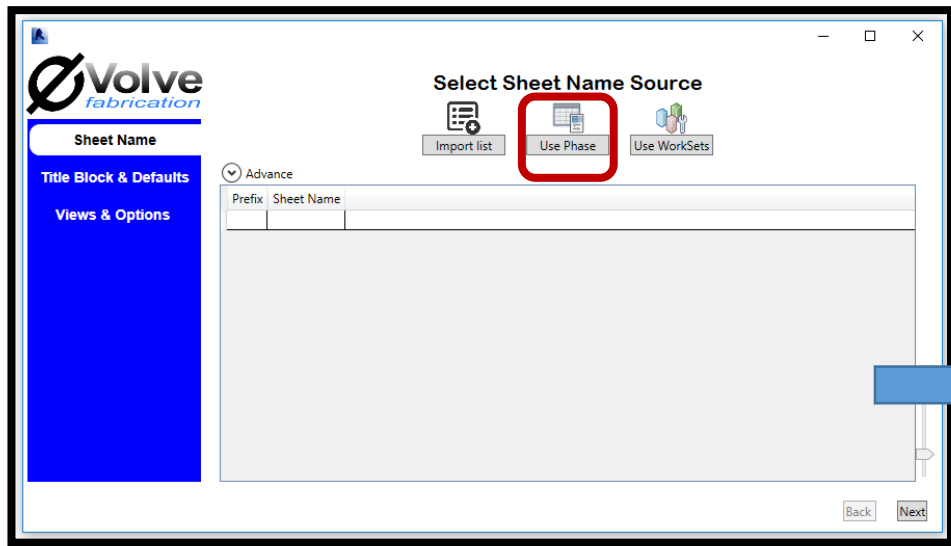
In the Phase Filter portion , select “Show New”. Also Check “Include”. You should notice some items disappear in the view provided you have assigned phases.



We are ready to start up the View and Sheet creator

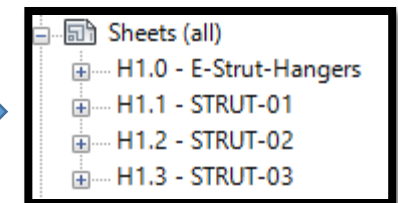
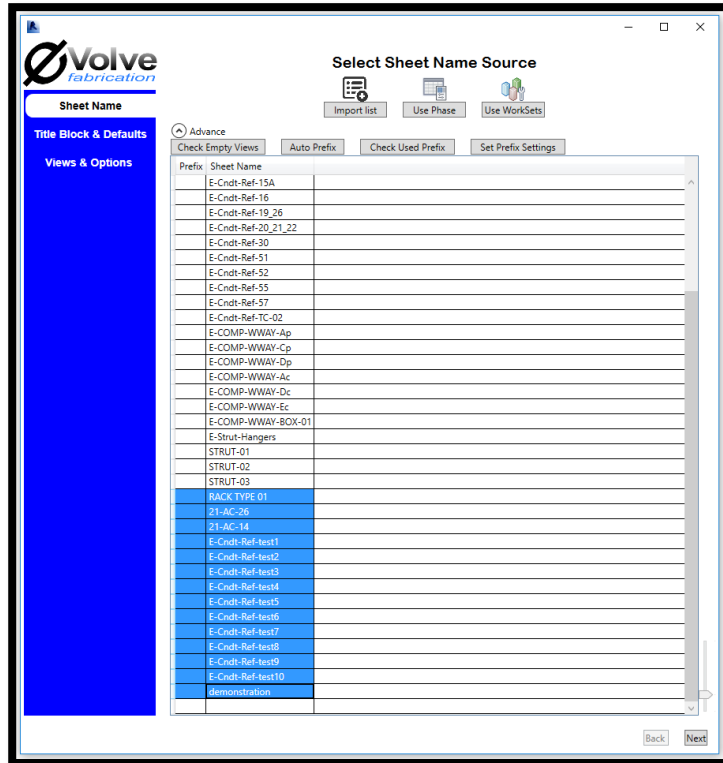


With the latest version, we can still utilize Phases, but there are two new options for developing views and sheets. First we will go over the “Use Phase” version. Select “Use Phase”. You will notice that the Cells portion of the dialog not contains some new fields. You may stretch the extents of the window as well by dragging the corners.



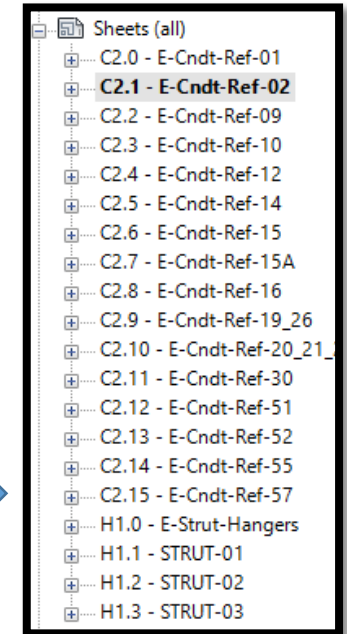
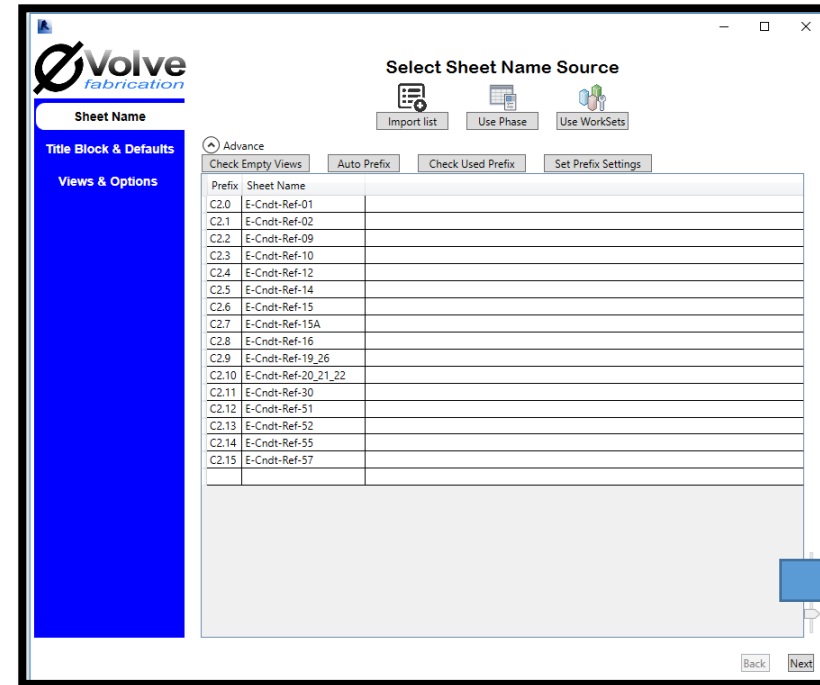
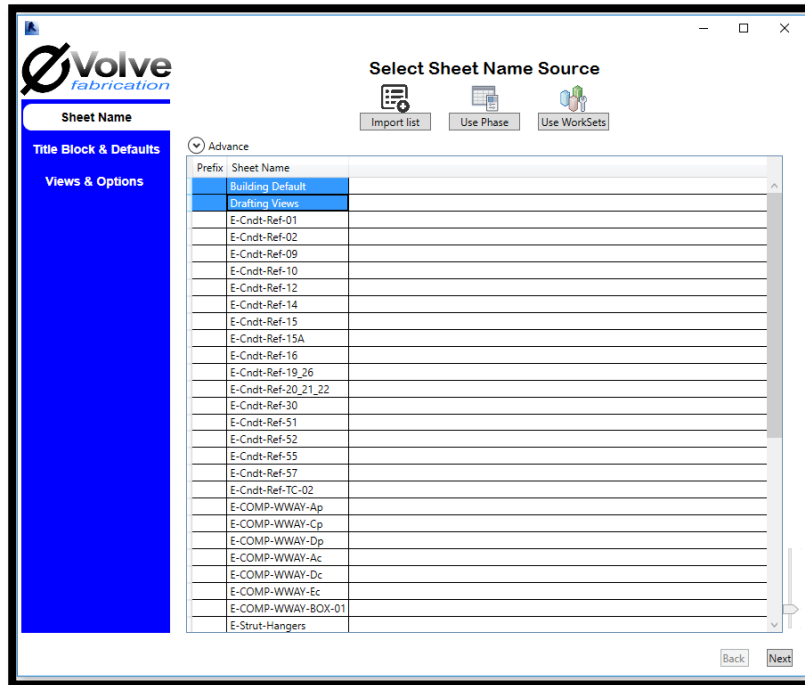
Select and delete the sheets you want to exclude. Select and right click Select “Delete”.

Follow steps from the previous exercise on pages 7-22 as needed

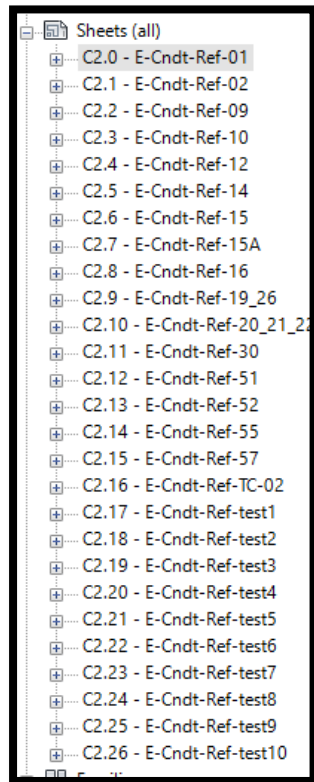


New batch or release 2 (repeat Pages 26 and 27), select and delete the sheets you want to exclude. Select and right click Select “Delete”.

Follow steps from the previous exercise on pages 7-22 as needed

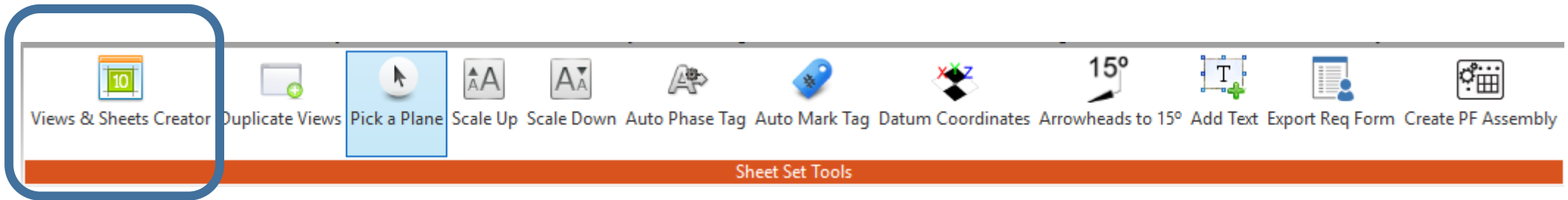


In this method we will now release a revision. This is used when we have already sent sheets out but are now issuing a revised set. An example would be the a Conduit set was sent out to prefab but has recently been modified. We need to issue a revision to prefab.

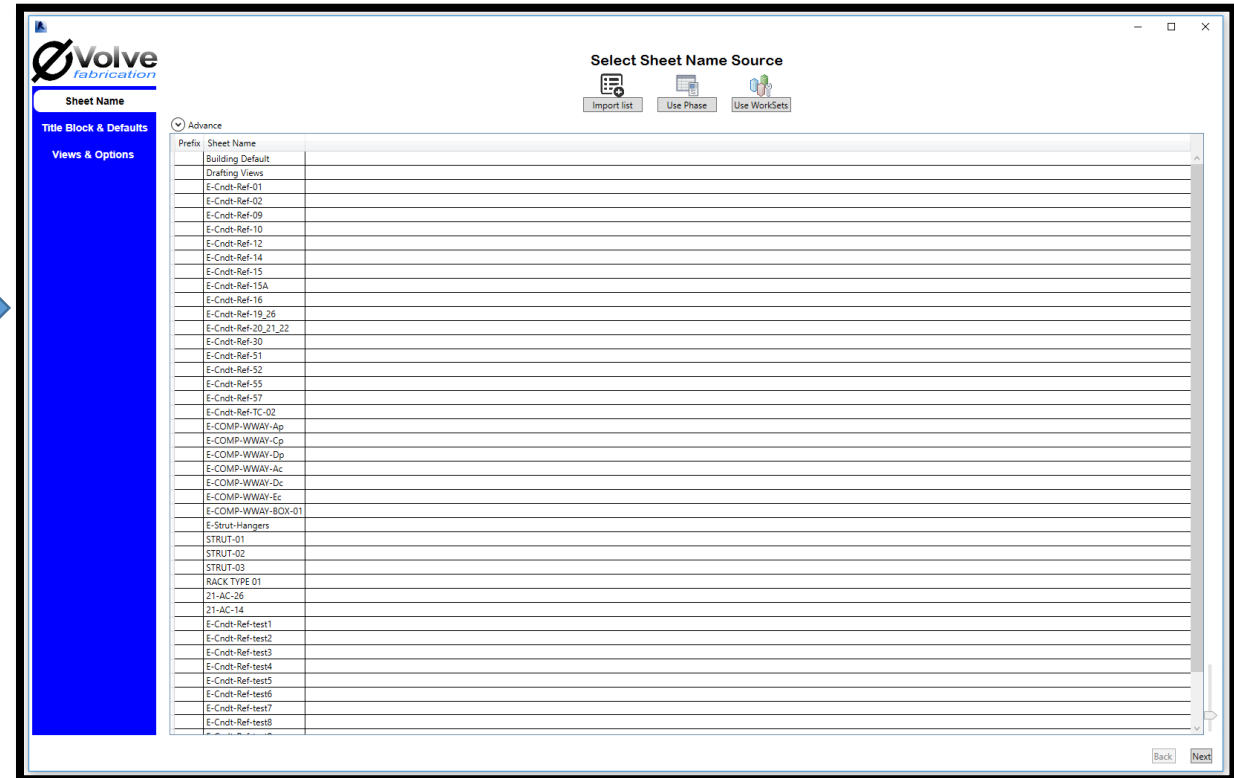
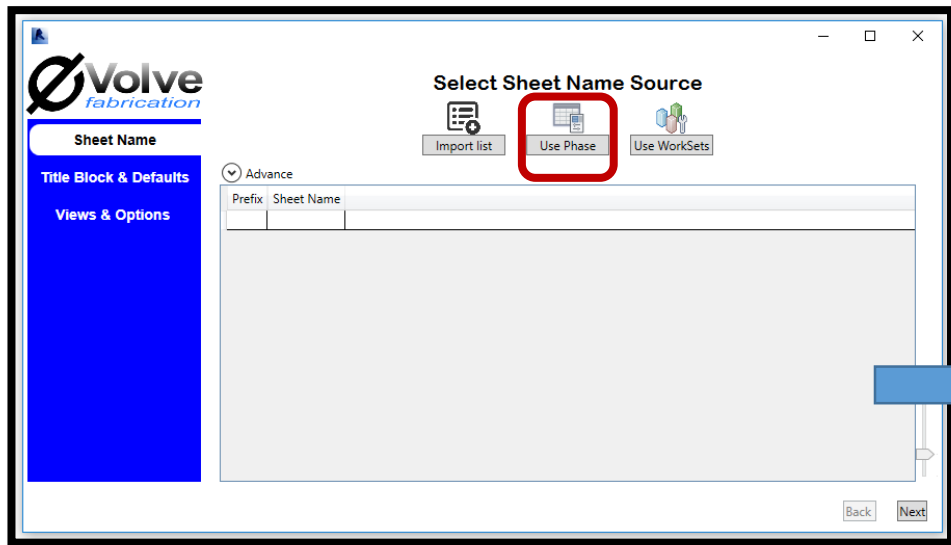


Revision

Since we have done a previous set we will skip some steps and go to the view and sheet creator right away.

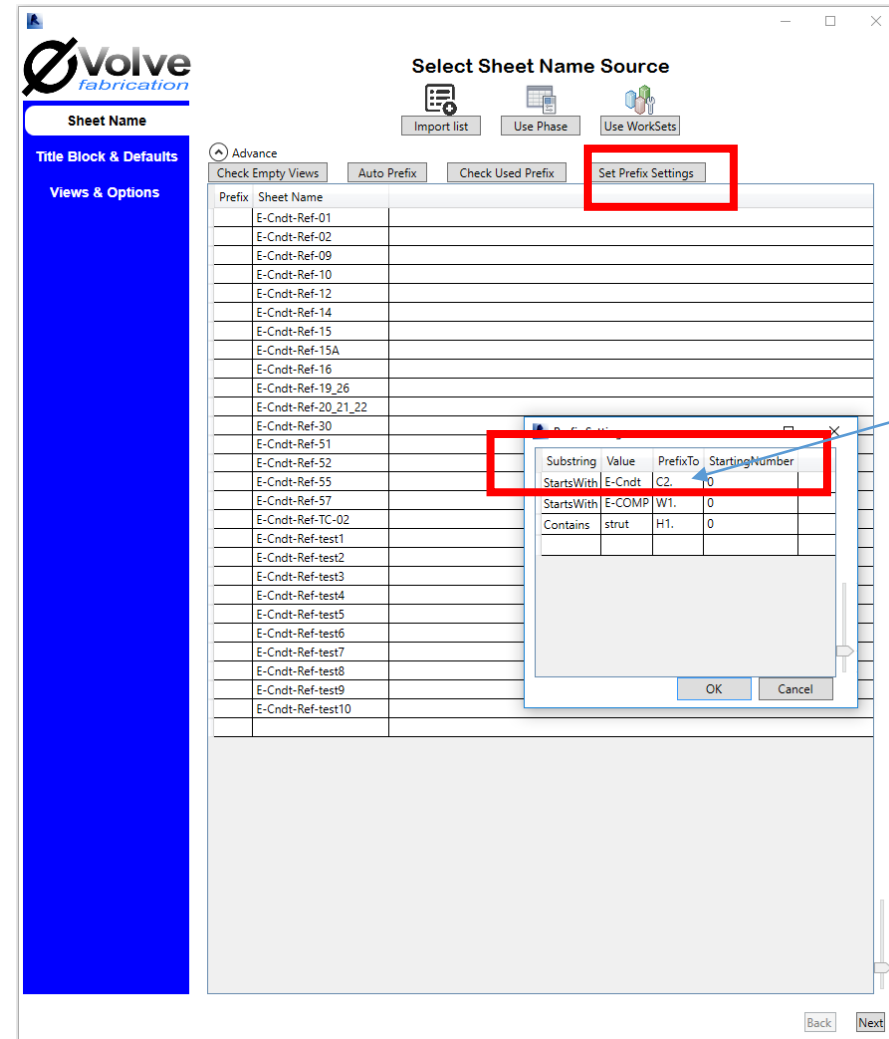
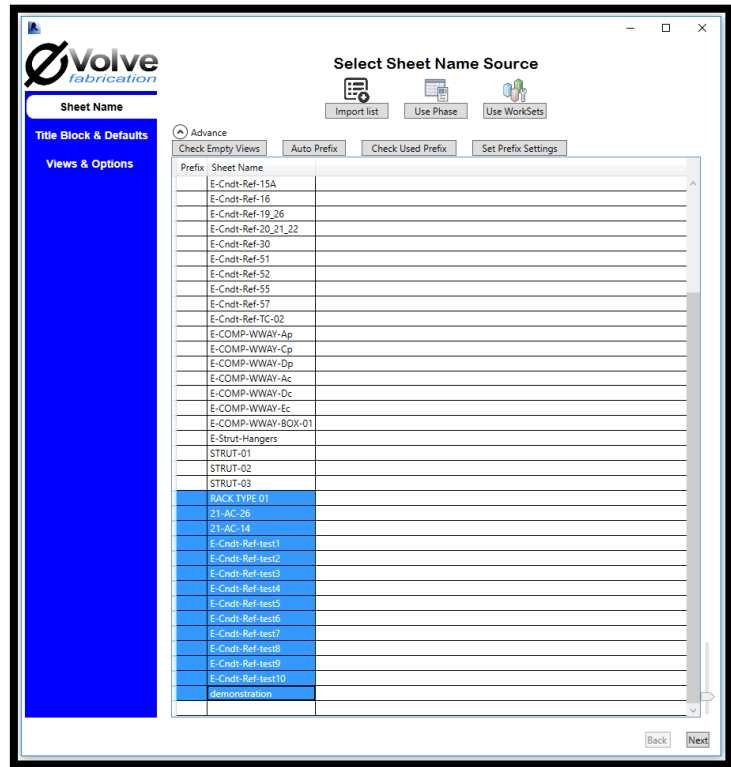


Use Phases and populate the cells.





Remove unwanted sheet names from the list. Next go to set prefix settings. We are going to alter the setting for row 1. We will change it from C2 to C3 for example. This maybe something you decide internally .It must be different than the previous set.

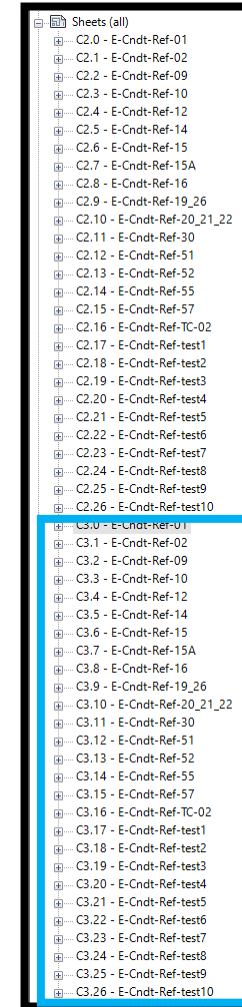
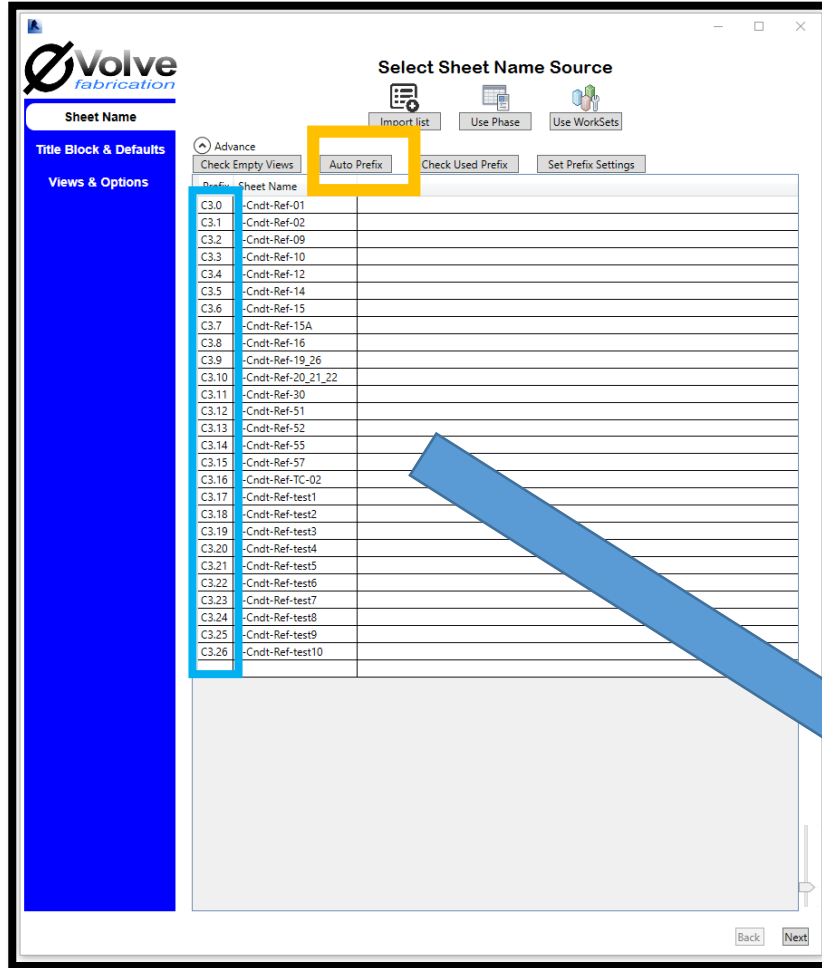
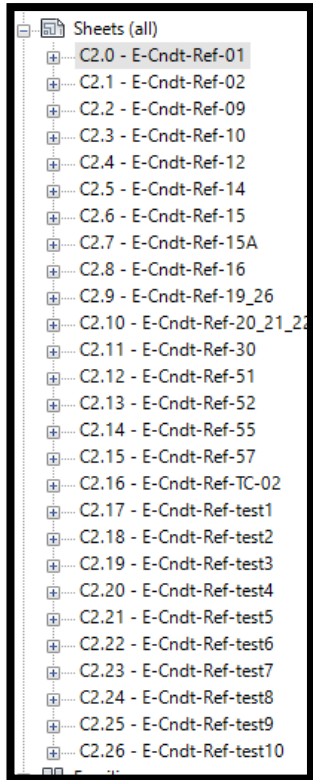


C2 to C3  
As an example

To assign the Prefixes select Auto prefix.

Follow steps from the previous exercise on pages 14-22 as needed

Previous Set

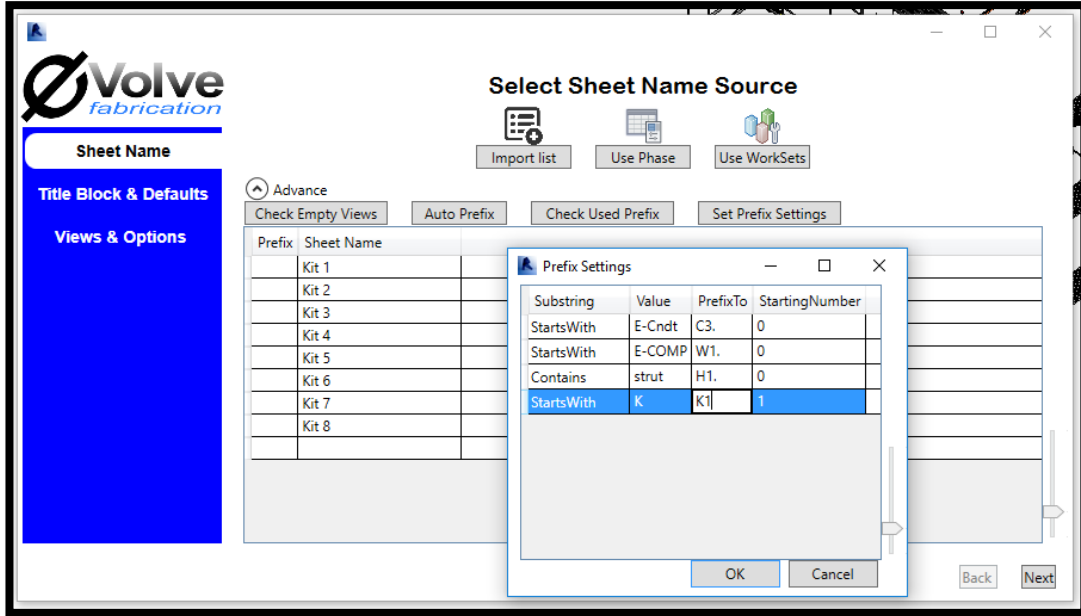


New set added.

This method is used if not using Revit Phases to sort the model elements.

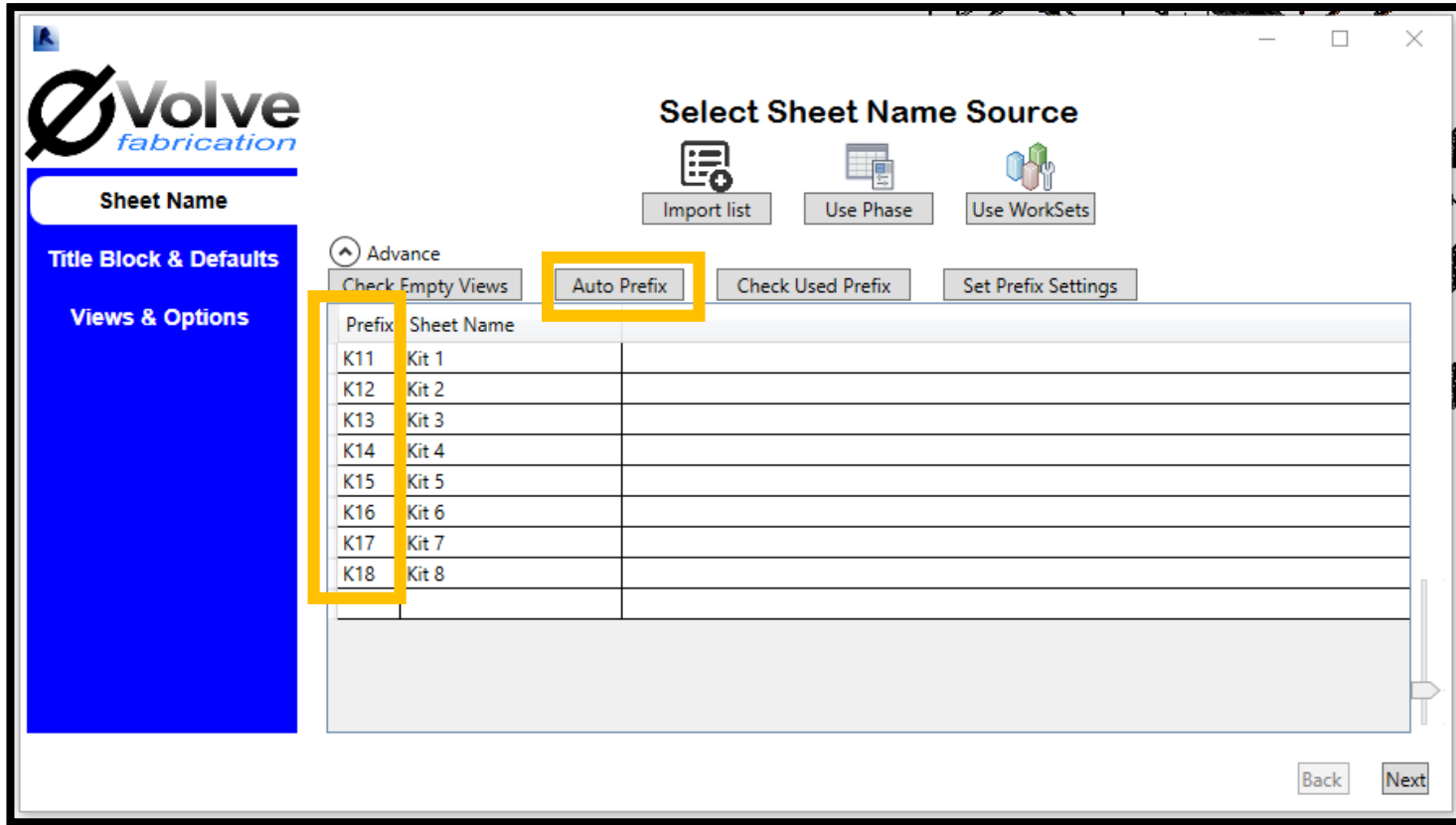
The diagram illustrates the 'Import list' process. It starts with an 'Import list' button icon. An arrow points to a Windows File Explorer window showing a list of files: 'Sheet List Sample 2' and 'Sheet List Sample'. A second arrow points to a Notepad window titled 'Sheet List Sample 2 - Notepad' containing a list of 'Kit 1' through 'Kit 8'. A third arrow points to the Volve software interface, specifically the 'Select Sheet Name Source' dialog. In this dialog, the 'Import list' button is selected, and a table lists the imported kit names.

Prefix	Sheet Name
	Kit 1
	Kit 2
	Kit 3
	Kit 4
	Kit 5
	Kit 6
	Kit 7
	Kit 8



Follow steps from the previous exercise on pages 8-9 as needed

To assign the Prefixes select Auto prefix.



**Volve fabrication**

**Sheet Name**

**Title Block & Defaults**

**Views & Options**

**Select Sheet Name Source**

Import list   Use Phase   Use WorkSets

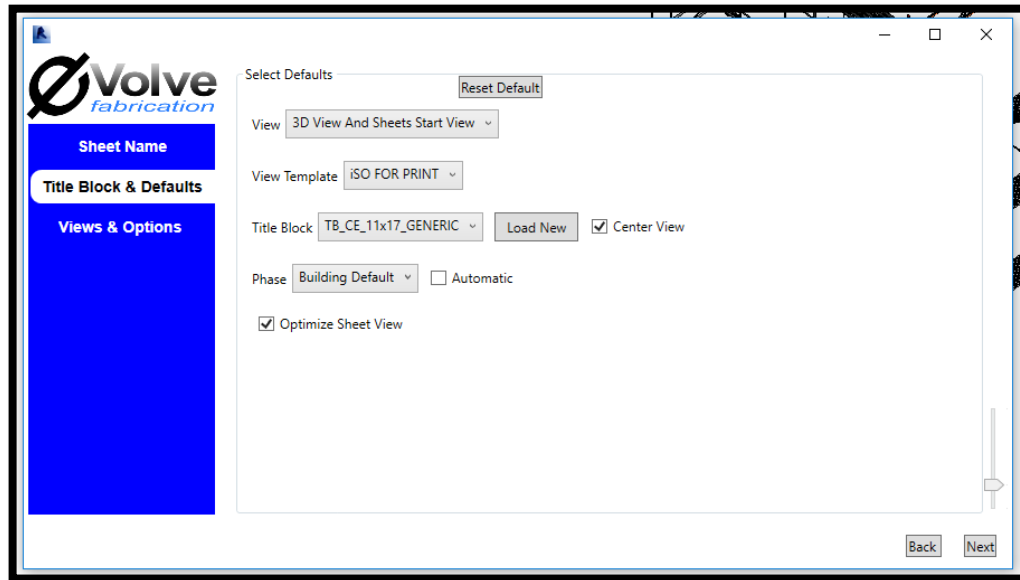
Advance

Check Empty Views   **Auto Prefix**   Check Used Prefix   Set Prefix Settings

Prefix	Sheet Name
K11	Kit 1
K12	Kit 2
K13	Kit 3
K14	Kit 4
K15	Kit 5
K16	Kit 6
K17	Kit 7
K18	Kit 8

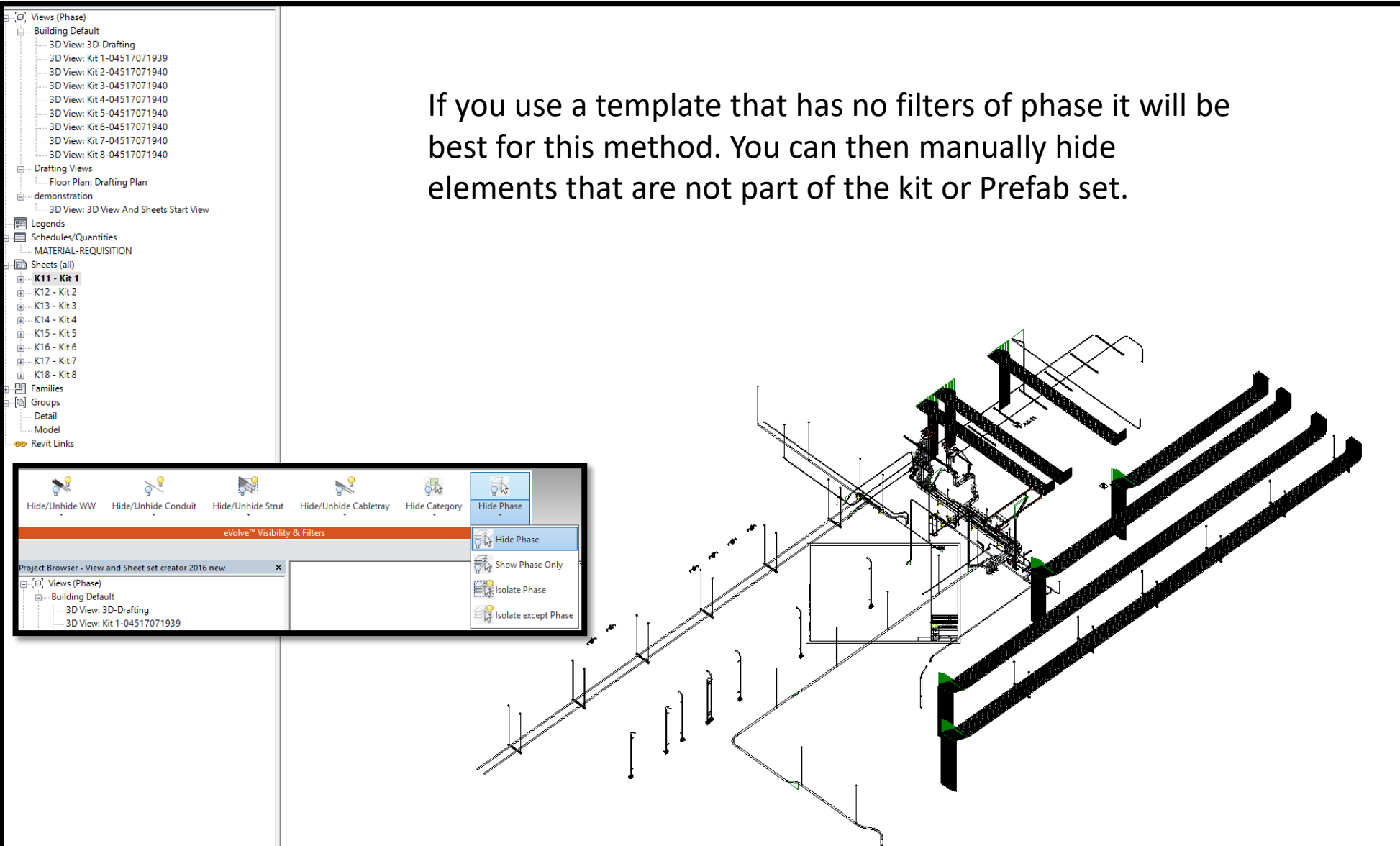
Back   Next

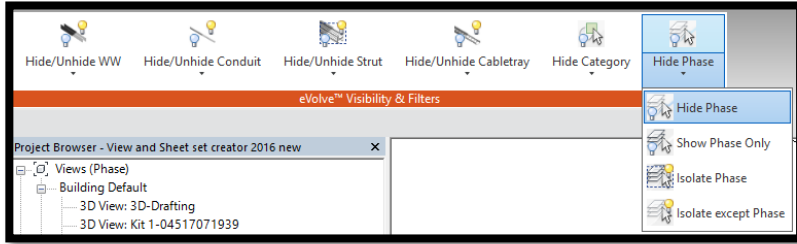
Follow steps from the previous exercise on **pages 14-22 as needed**



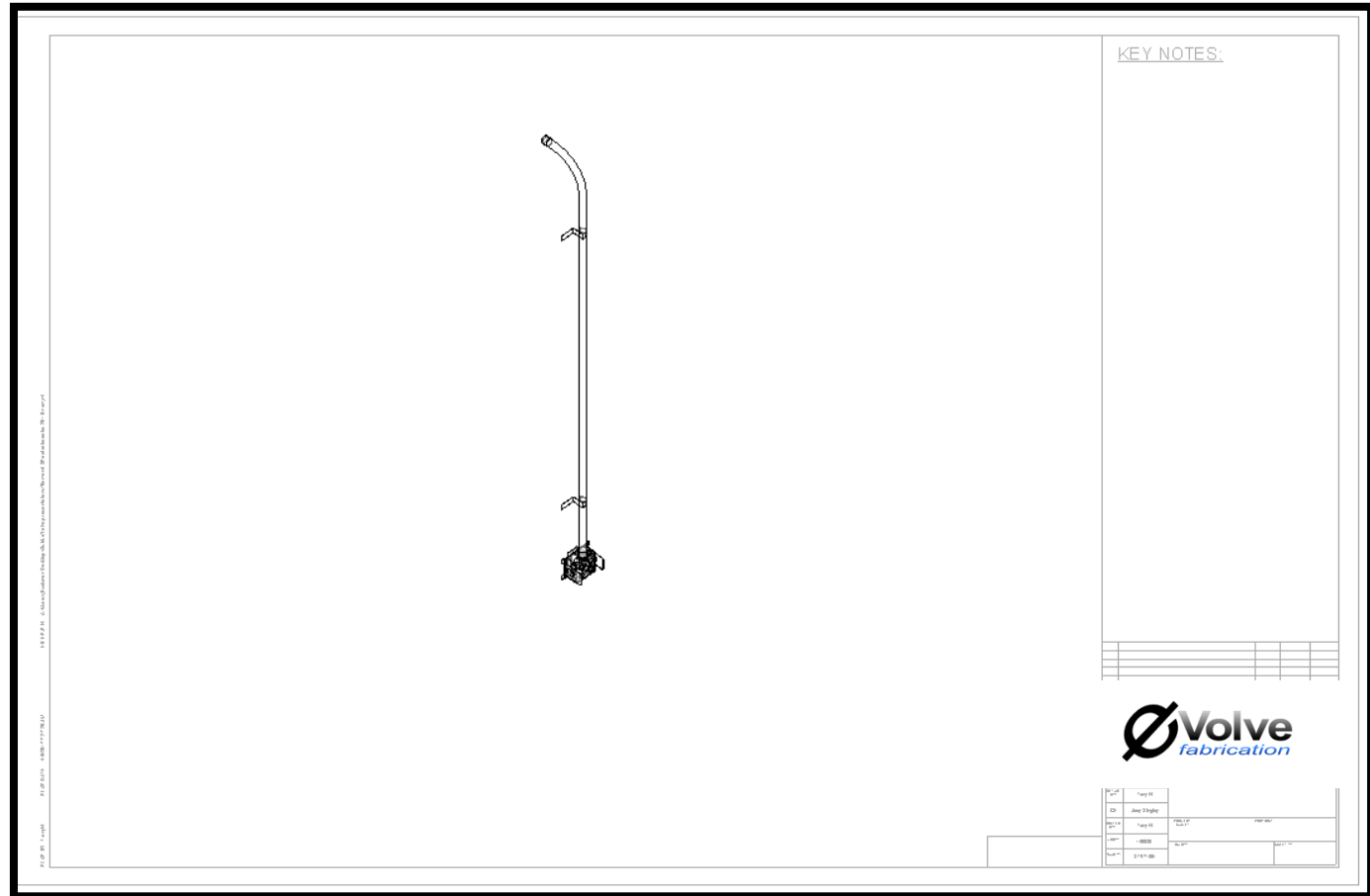
If you use a template that has no filters of phase it will be best for this method. You can then manually hide elements that are not part of the kit or Prefab set.

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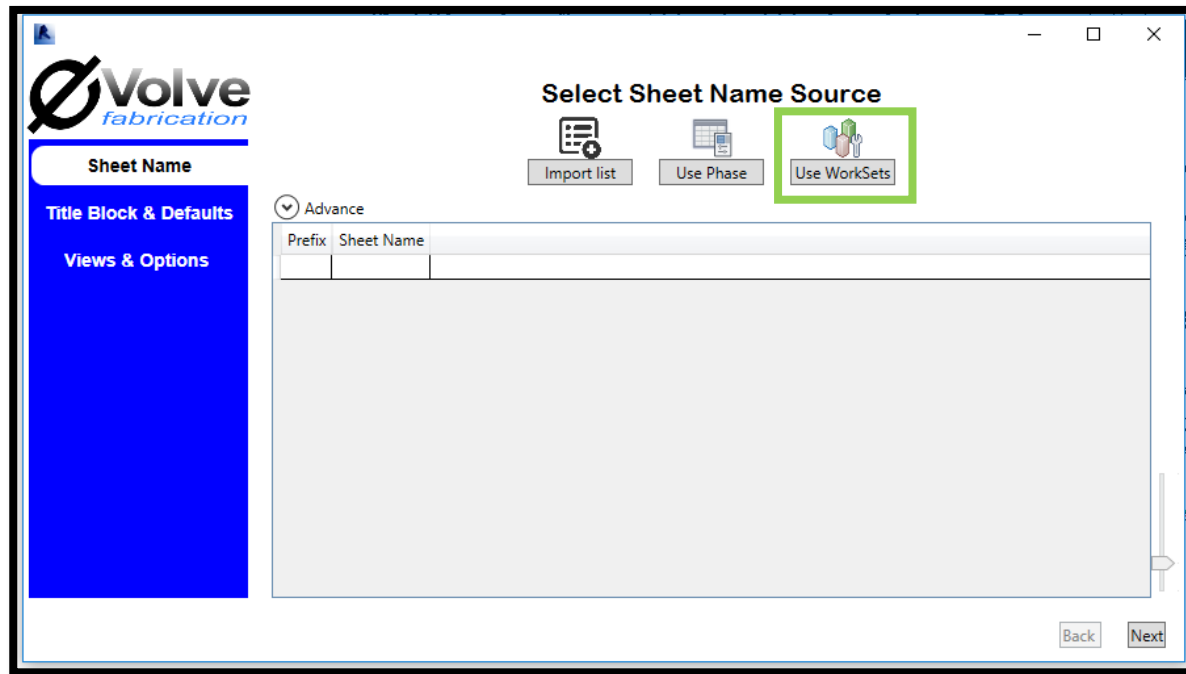


Use eVolve filters from the Visibility and Filters Toolbar to quickly Show and hide elements.





With this method we will use the Worksets list to generate our list of Sheets.  
This method is used if not using Revit Phases to sort the model elements.



Worksets

Active workset: ALFRED WORKSET (Not Editable)  Gray Inactive Workset Graphics

Name	Editable	Owner	Borrowers	Opened	Visible in all views
ALFRED WORKSET	No			Yes	<input checked="" type="checkbox"/>
Kit 1	Yes	rickbuckma		Yes	<input checked="" type="checkbox"/>
Kit 2	Yes	rickbuckma		Yes	<input checked="" type="checkbox"/>
Kit 3	Yes	rickbuckma		Yes	<input checked="" type="checkbox"/>
Kit 4	Yes	rickbuckma		Yes	<input checked="" type="checkbox"/>
RICK_WORKSET	No			Yes	<input checked="" type="checkbox"/>
ROBERT_WORKSET	No			Yes	<input checked="" type="checkbox"/>
Shared Levels and Grids	No			Yes	<input checked="" type="checkbox"/>
TONY	No			Yes	<input checked="" type="checkbox"/>
Towb Site	No			Yes	<input checked="" type="checkbox"/>
TYLER_WORKSET	No			Yes	<input checked="" type="checkbox"/>
Workset1	No			Yes	<input checked="" type="checkbox"/>
workset2					
xavier					

Buttons: New, Delete, Rename, Open, Close, Editable, Non Editable

Show:  User-Created  Project Standards  Families  Views

OK Cancel Help

ØVolve fabrication

### Select Sheet Name

Buttons: Import list, Use Phase, Use WorkSets

Sheet Name

Title Block & Defaults

Views & Options

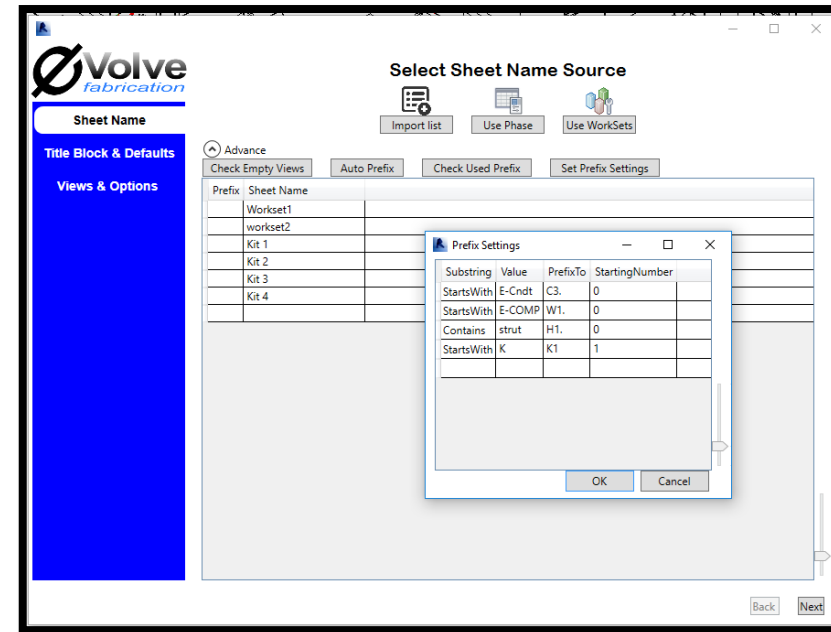
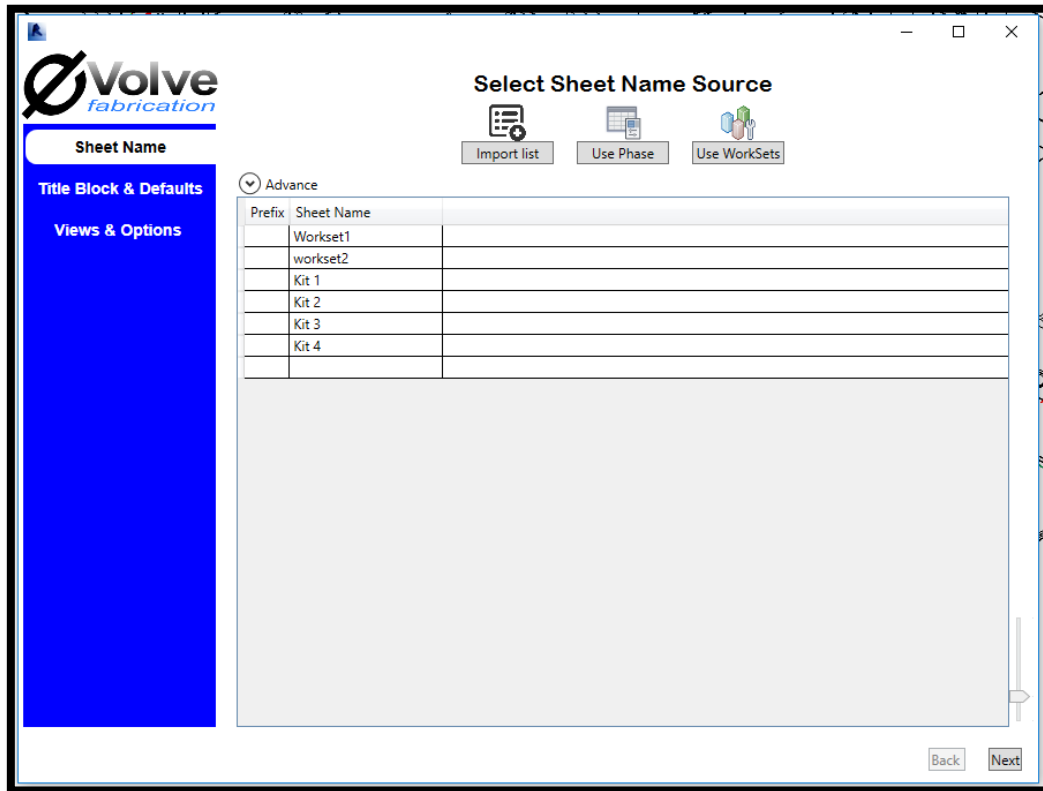
Advance

Prefix	Sheet Name
	Workset1
	Shared Levels and Grids
	workset2
	Towb Site
	RICK_WORKSET
	ALFRED WORKSET
	ROBERT_WORKSET
	TONY
	xavier
	TYLER_WORKSET
	Kit 1
	Kit 2
	Kit 3
	Kit 4

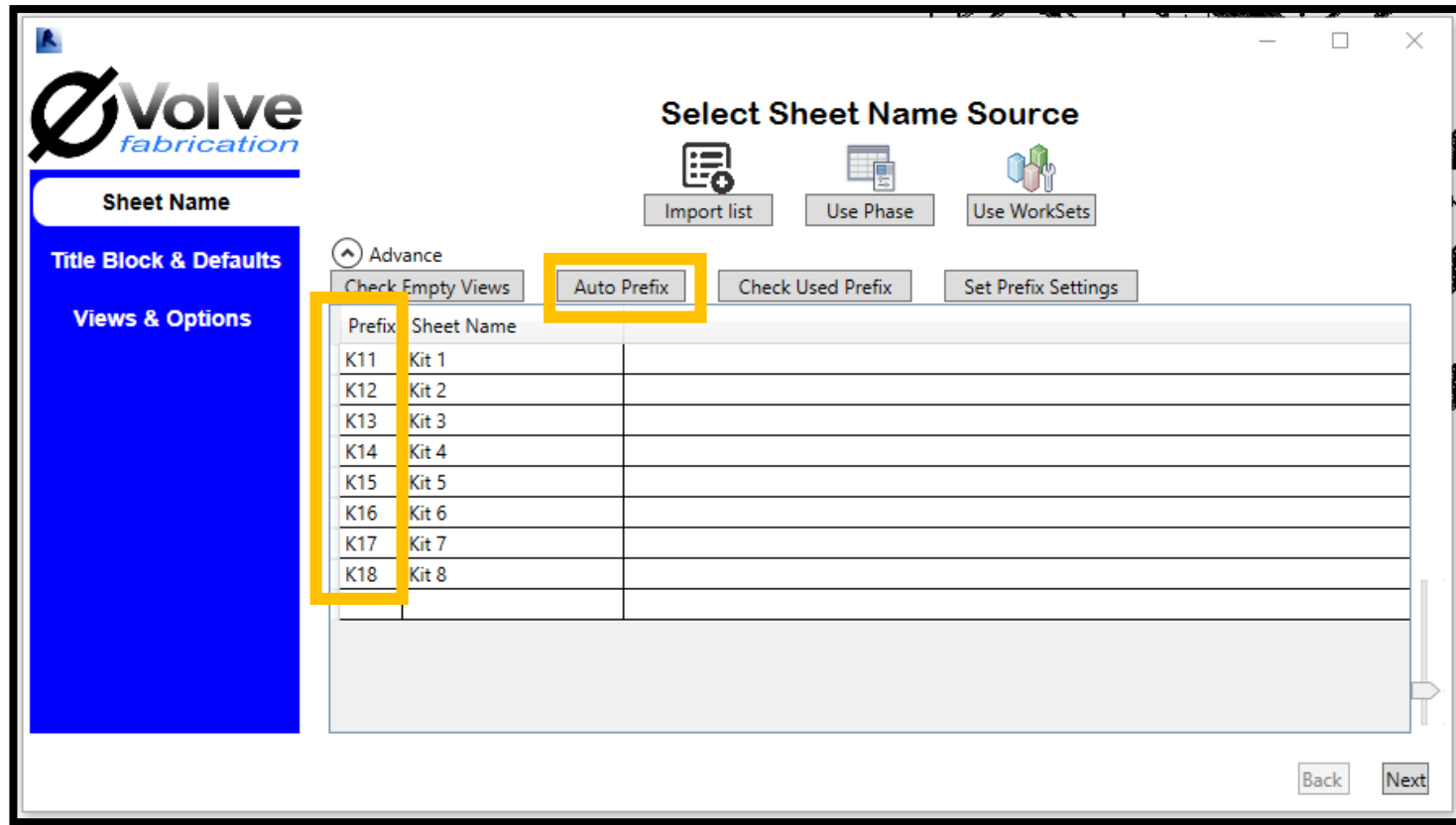
Back Next

Select and delete the sheets you want to exclude. Select and right click Select “Delete”.

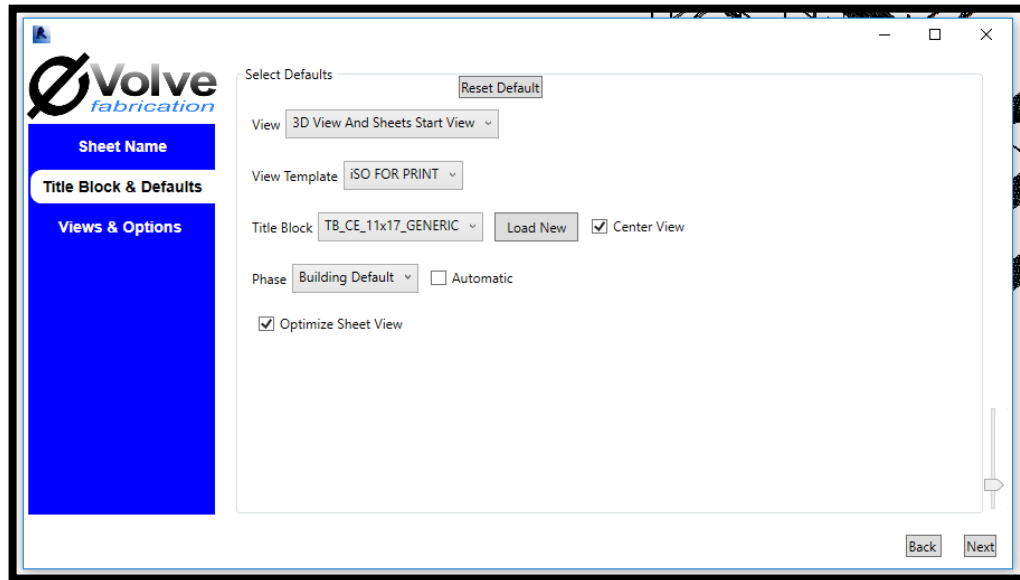
Follow steps from the previous exercise on pages 8-9 as needed



To assign the Prefixes select Auto prefix.



Follow steps from the previous exercise on **pages 14-22 as needed**

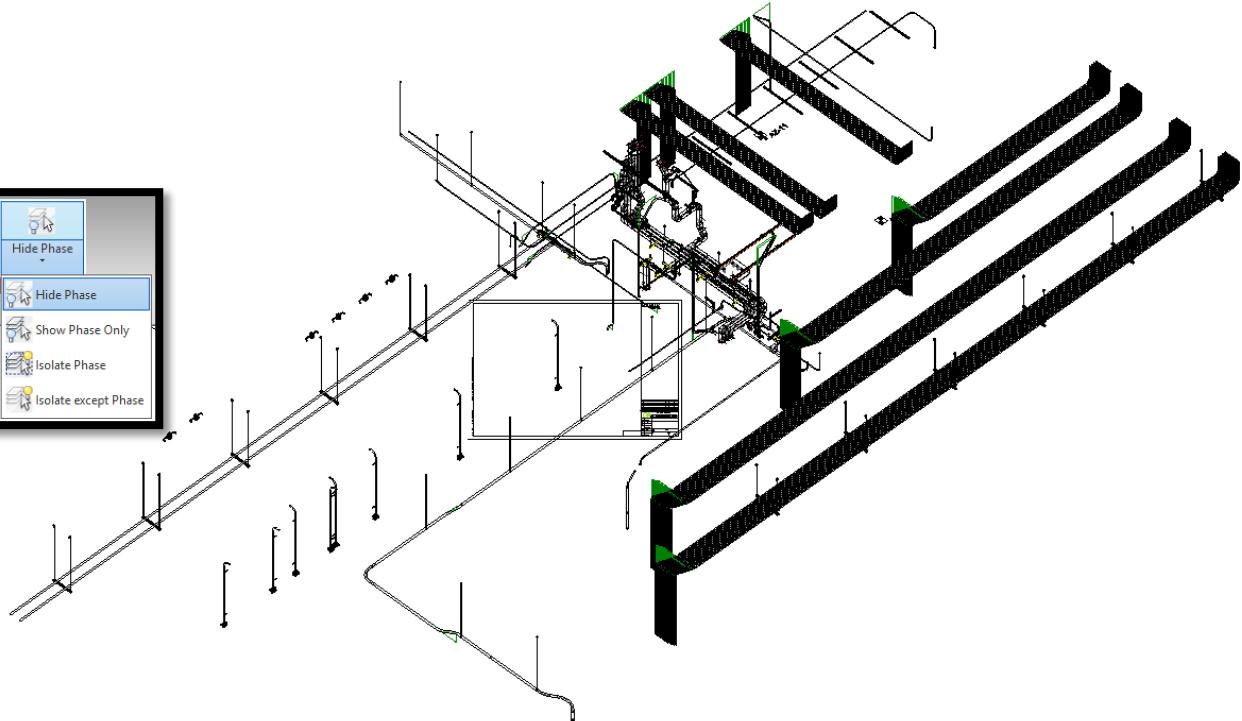


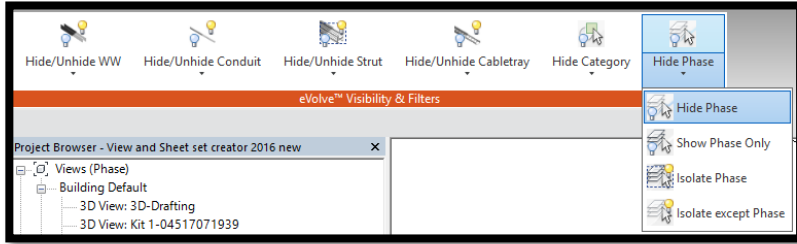
If you use a template that has no filters of phase it will be best for this method. You can then manually hide elements that are not part of the kit or Prefab set.

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Views (Phase)  
Building Default  
3D View: 3D-Drafting  
3D View: Kit 1-04517071939  
3D View: Kit 2-04517071940  
3D View: Kit 3-04517071940  
3D View: Kit 4-04517071940  
3D View: Kit 5-04517071940  
3D View: Kit 6-04517071940  
3D View: Kit 7-04517071940  
3D View: Kit 8-04517071940  
Drafting Views  
Floor Plan: Drafting Plan  
demonstration  
3D View: 3D View And Sheets Start View  
Legends  
Schedules/Quantities  
MATERIAL-REQUISITION  
Sheets (all)  
K11 - Kit 1  
K12 - Kit 2  
K13 - Kit 3  
K14 - Kit 4  
K15 - Kit 5  
K16 - Kit 6  
K17 - Kit 7  
K18 - Kit 8  
Families  
Groups  
Detail  
Model  
Revit Links

Hide/Unhide WW   Hide/Unhide Conduit   Hide/Unhide Strut   Hide/Unhide Cabletray   Hide Category   Hide Phase  
eVolve™ Visibility & Filters  
Project Browser - View and Sheet set creator 2016 new  
Views (Phase)  
Building Default  
3D View: 3D-Drafting  
3D View: Kit 1-04517071939





Use eVolve filters from the Visibility and Filters Toolbar to quickly Show and hide elements.

