

11 - Documenting the Building Model

In this exercise, you add two sheets with titleblocks to the project. You add a floor plan and schedule to the first sheet. On the second sheet, you add a rendered view and an elevation view.

This exercise requires the completion of the previous exercises in this tutorial. You must use the project you saved at the end of the last exercise.

Add a sheet and titleblock to the project

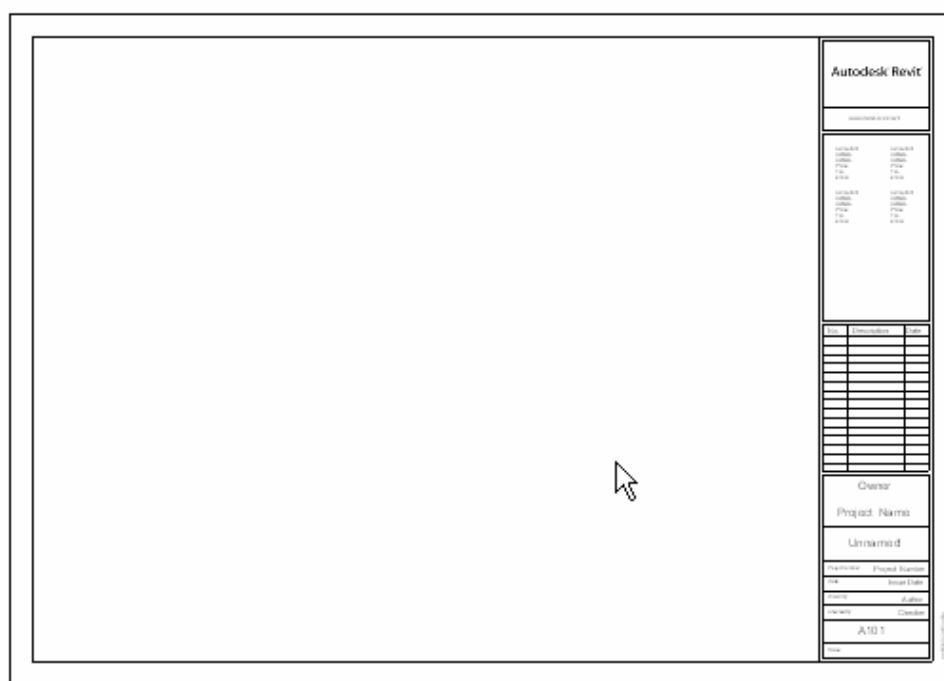
1. On the View tab of the Design Bar, click Sheet.

You are prompted to select a titleblock. The titleblocks that are listed are loaded into the project. Titleblocks are a family just like any other component. You can create a titleblock family and load it into the project or navigate to it from this dialog box.

2. In the Select a Titleblock dialog box, click Load.
3. In the left pane of the Open dialog box, click Metric Library.
4. Double-click Titleblocks.

Notice that several titleblocks are available with the software.

5. Click Cancel.
6. In the Select a Titleblock dialog box, click OK to use the loaded titleblock.



7. Try to select the logo in the upper right corner.

The text is not selectable by design. The creator of this titleblock family did not want this text to be modifiable.

8. Select the titleblock and zoom in to the lower right corner.

Owner	
Project Name	
Unnamed	
Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker
A101	
Scale	

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The blue text is text that you can modify.

9. Click Owner, enter your name, and press ENTER.

Your Name	
Project Name	
Unnamed	
Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker
A101	
Scale	

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10. On the Settings menu, click Project Information.

Notice that your name is displayed for Client Name.

11. Enter First Building Model for Project Name, and click OK.

Your Name First Building Model	
Unnamed	
Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker
A101	
Scale	

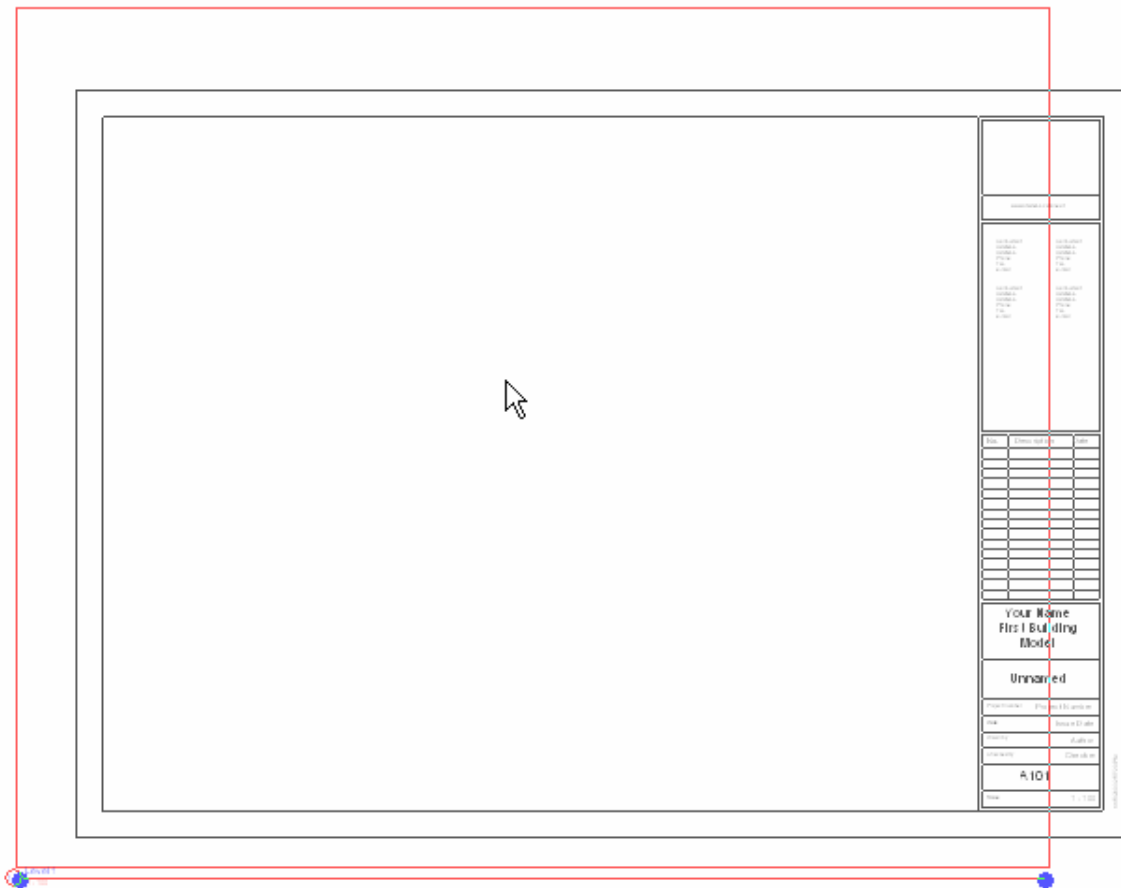
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Titleblock numbering is sequential and automatic. In this case, the next sheet and titleblock will be A102. The Scale is blank and is filled in when a view is added to the titleblock. If you add views of different scales, the label displays *As Indicated*, referring the reader to the view titles.

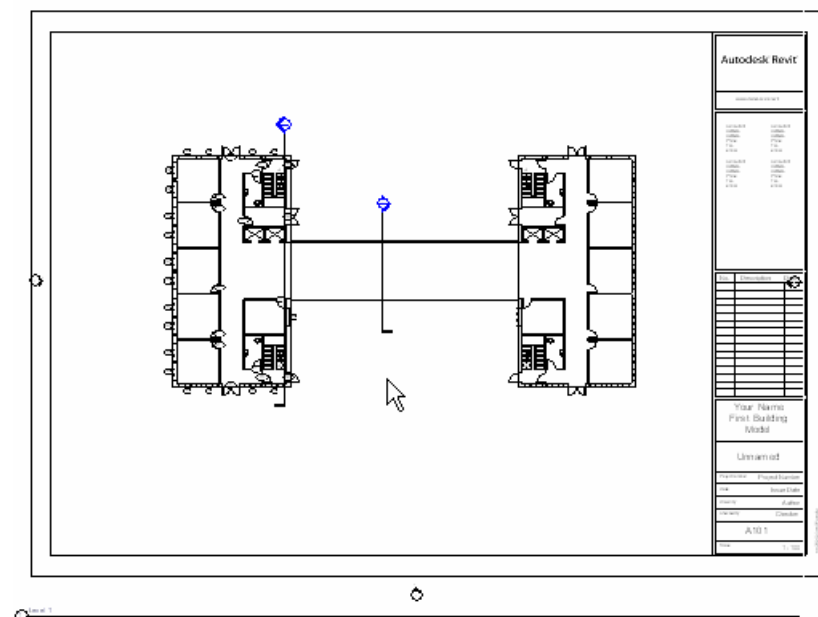
Add a view to the titleblock

12. Zoom out until you can see the entire sheet.
13. On the View tab of the Design Bar, click Add View.
14. In the Views dialog box, select Floor Plan: Level 1, and click Add View to Sheet.

15. Move the cursor to the centre of the titleblock and click.



16. On the Design Bar, click Modify.

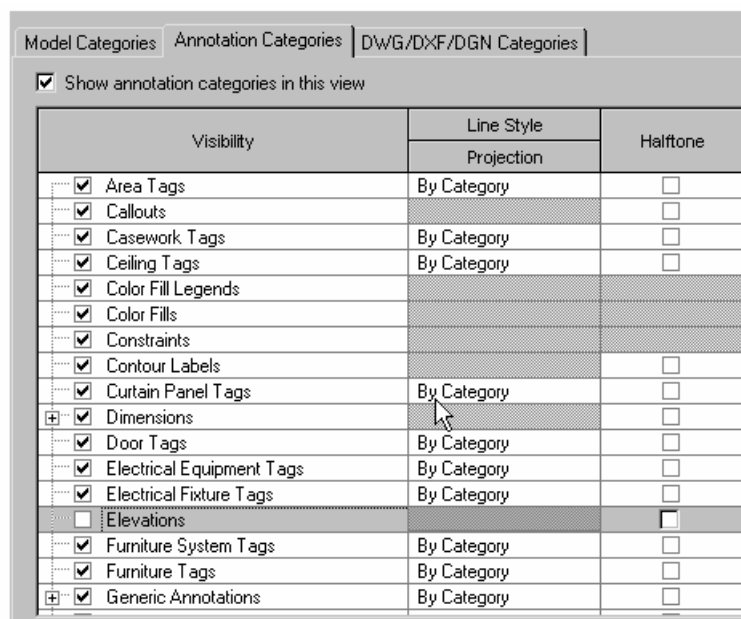


The elevation symbols display.

17. Right-click, and click Activate View.

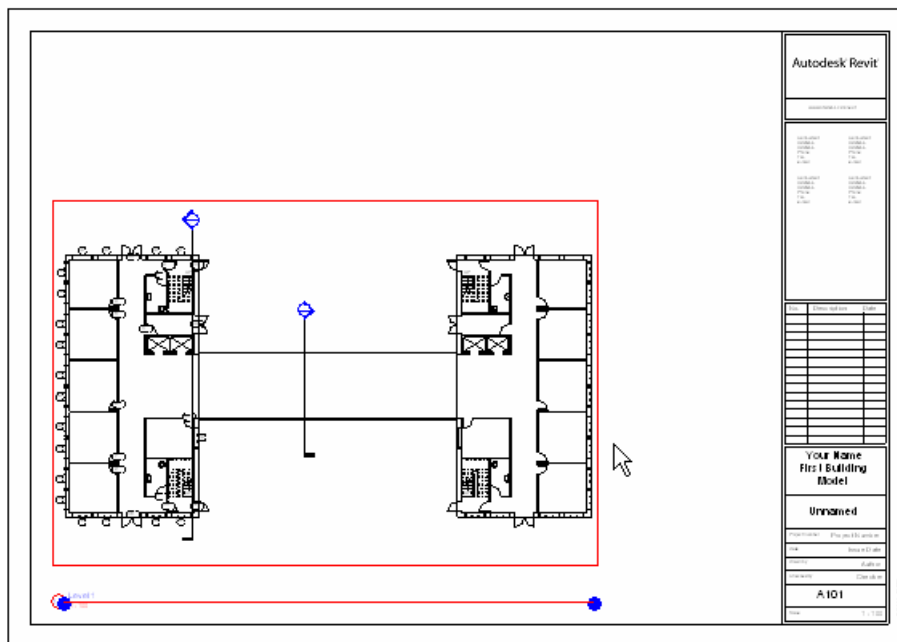
The titleblock becomes an underlay and the view becomes active. You can work on the building model within this view. However, you activated the view specifically so that you can turn off the elevation symbol visibility.

18. On the View menu, click Visibility/Graphics.
19. Click the Annotation Categories tab.
20. Under Visibility, clear Elevations, and click OK.



21. Right-click, and click Deactivate View.
22. Place the cursor over the view title and press TAB to select only the view title.
23. Move the title under the view.
24. Select the view, and then adjust the shape handle so that the length of the view title is not longer than the view.

25. Drag the view to the lower left corner of the titleblock.



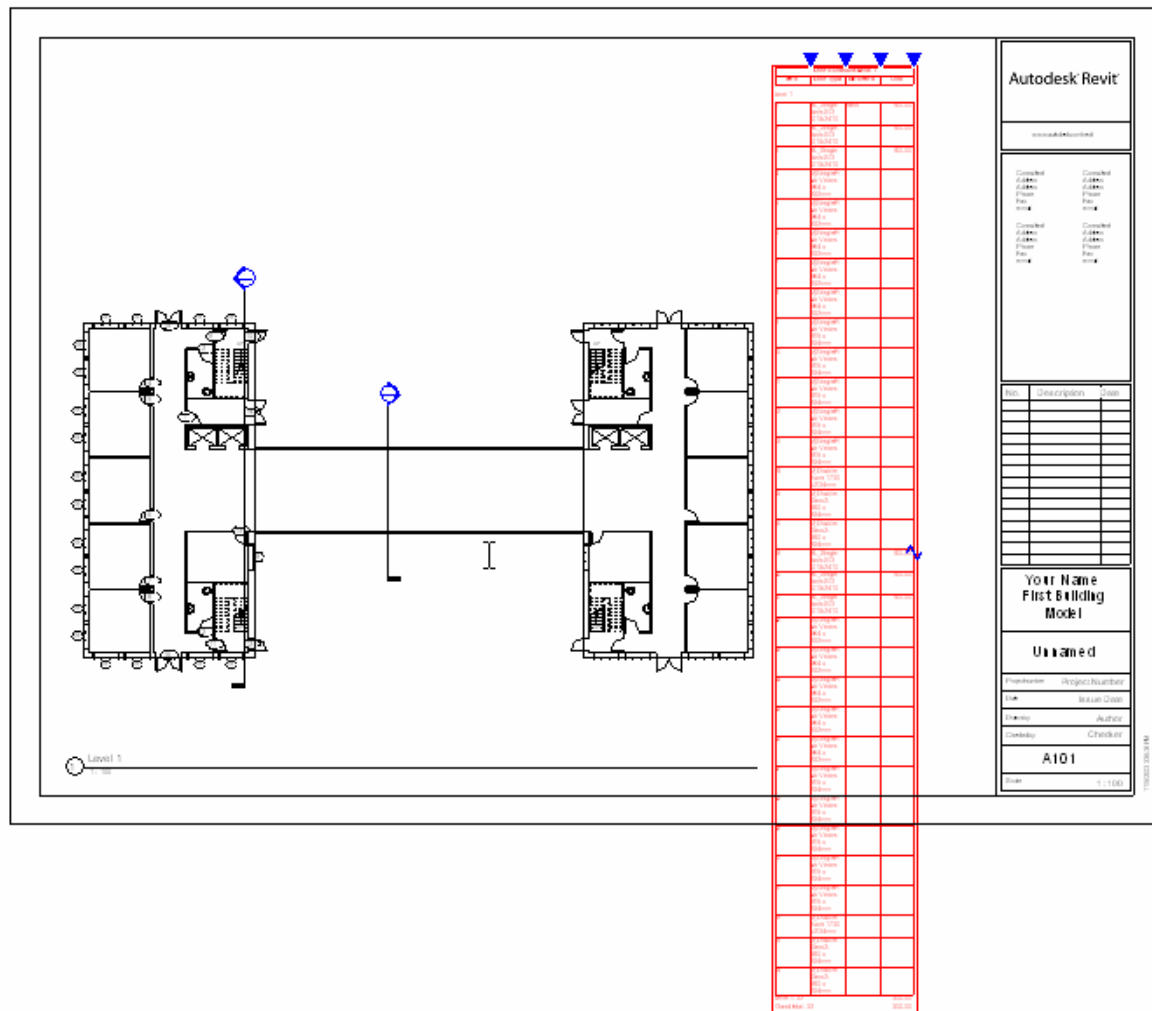
26. Zoom in to the lower right corner.

Notice that the scale value has updated.

Your Name First Building Model	
Unnamed	
Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker
A101	
Scale	1 : 100

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27. Zoom out until the titleblock fits within the drawing area.
28. On the Project Browser, under Schedules, drag Door Schedule-Level 1 onto the upper right corner of the titleblock.

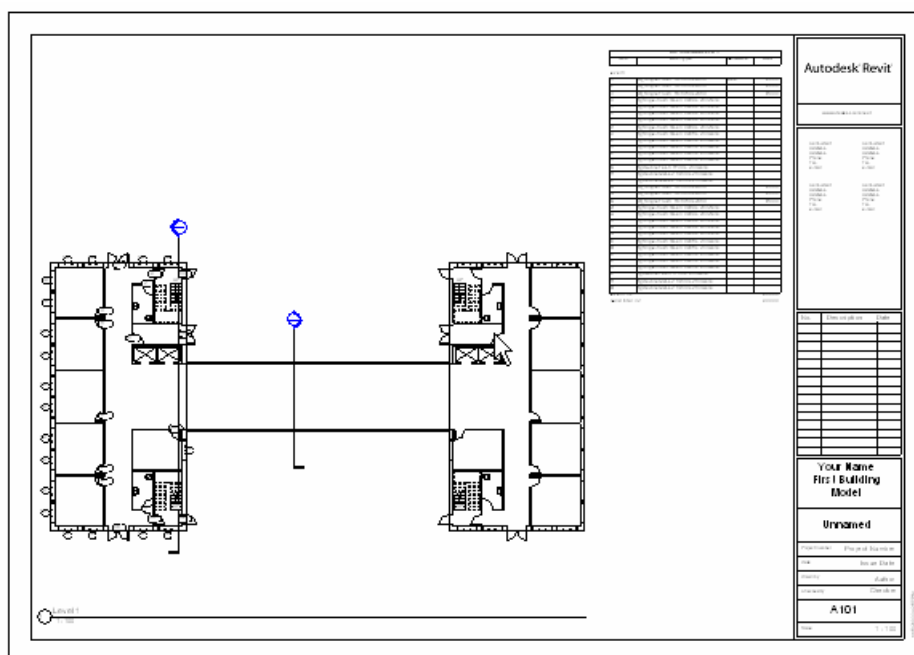


29. Zoom in to the top of the schedule.

30. Drag the right column handle of Door Type to the right until each door type is displayed on one line.

Door Schedule-Level 1			
Mark	Door Type	Hardware	Cost
Level 1			
1	UK_Single-Flush: S O 1010x2410	Brass	500.00
2	UK_Single-Flush: S O 1010x2410		500.00
3	UK_Single-Flush: S O 1010x2410		500.00
4	M_Single-Flush Vslon: 0864 x 2032mm		
5	M_Single-Flush Vslon: 0864 x 2032mm		
6	M_Single-Flush Vslon: 0864 x 2032mm		
7	M_Single-Flush Vslon: 0864 x 2032mm		
8	M_Single-Flush Vslon: 0864 x 2032mm		
9	M_Single-Flush Vslon: 0915 x 2134mm		
10	M_Single-Flush Vslon: 0915 x 2134mm		
11	M_Single-Flush Vslon: 0915 x 2134mm		
12	M_Single-Flush Vslon: 0915 x 2134mm		
13	M_Single-Flush Vslon: 0915 x 2134mm		
14	M_Double-Flush: 1730 x 2134mm		
15	M_Double-Glass 2: 1830 x 2134mm		
16	M_Double-Glass 2: 1830 x 2134mm		
39	UK_Single-Flush: S O 1010x2410		500.00
40	UK_Single-Flush: S O 1010x2410		500.00
41	UK_Single-Flush: S O 1010x2410		500.00
42	M_Single-Flush Vslon: 0864 x 2032mm		
43	M_Single-Flush Vslon: 0864 x 2032mm		
44	M_Single-Flush Vslon: 0864 x 2032mm		
45	M_Single-Flush Vslon: 0864 x 2032mm		
46	M_Single-Flush Vslon: 0864 x 2032mm		
47	M_Single-Flush Vslon: 0915 x 2134mm		
48	M_Single-Flush Vslon: 0915 x 2134mm		
49	M_Single-Flush Vslon: 0915 x 2134mm		
50	M_Single-Flush Vslon: 0915 x 2134mm		
51	M_Single-Flush Vslon: 0915 x 2134mm		
52	M_Double-Flush: 1730 x 2134mm		
53	M_Double-Glass 2: 1830 x 2134mm		
54	M_Double-Glass 2: 1830 x 2134mm		
Level 1: 32			3000.00
Grand total: 32			3000.00

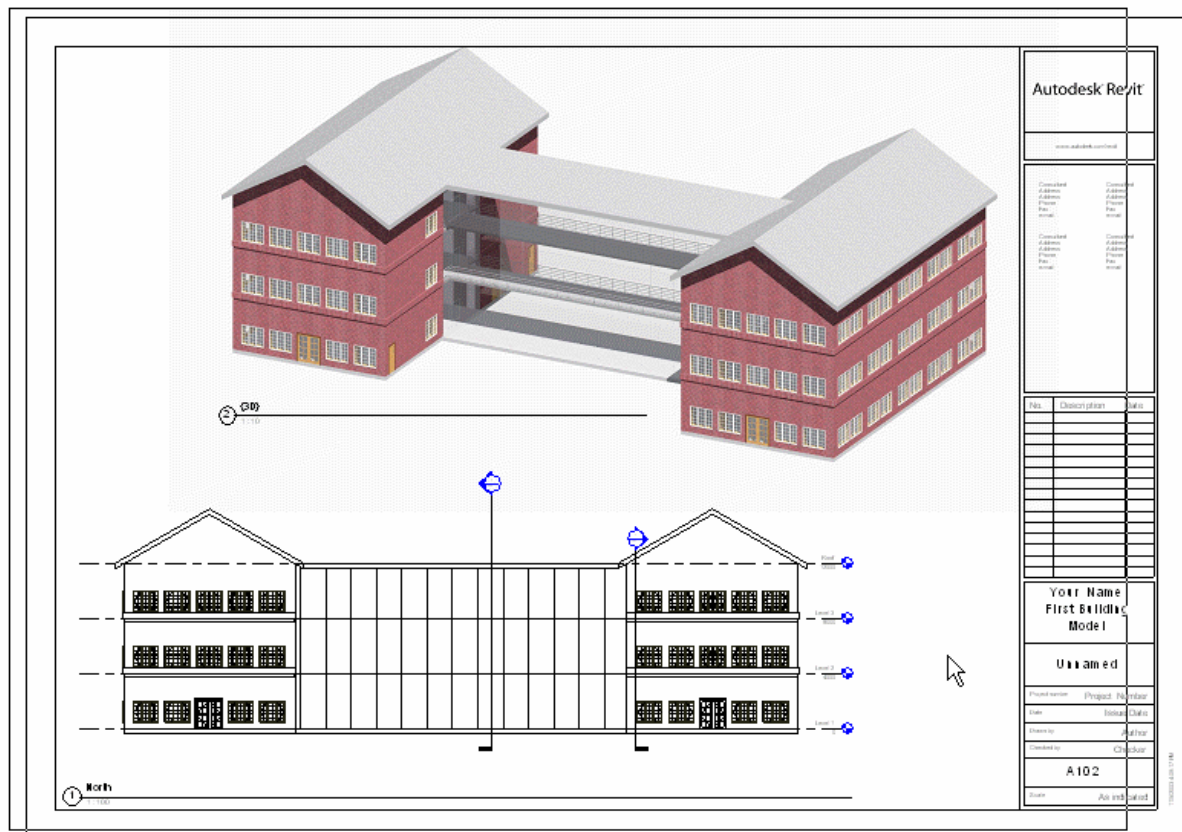
31. Zoom out and move the schedule into the upper right corner of the titleblock.



Add various views to a second sheet

32. On the View tab of the Design Bar, click Sheet.
33. Click OK to use the default titleblock.
34. In the Project Browser, under Views (all), under Elevations, drag North to the lower left corner of the new titleblock.
35. In the Project Browser, under Views (all), under Renderings, drag {3D} to the upper right corner of the new titleblock.

If necessary, use the TAB key to select and modify the location and width of the view titles.



Because these two views have different view scales, the Scale label displays As Indicated.

36. On the File menu, click Save.

In this exercise, you added two sheets with titleblocks. You added various views using two separate methods.

You have completed your first building model. On the File menu, click Close to close the project.