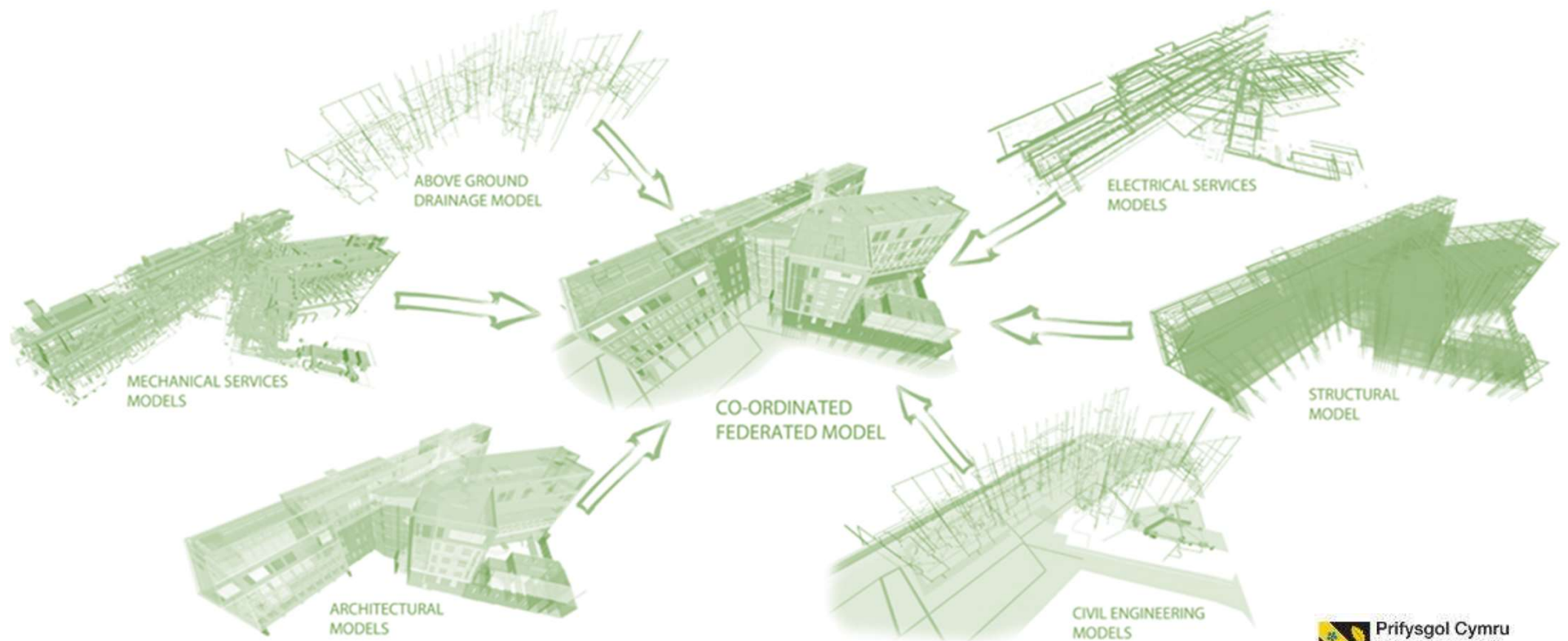


Building Information Modelling



www.onecreativeenvironment.com

- Collaboration in Revizto.



Collaboration

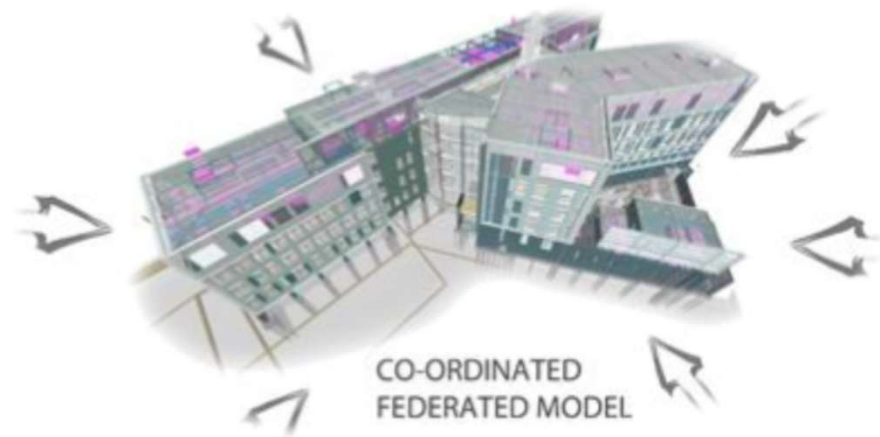
How can we collaborate?

Tools such as Revizto enable a collaborative process using
2D and 3D Modelling with Intelligent Data

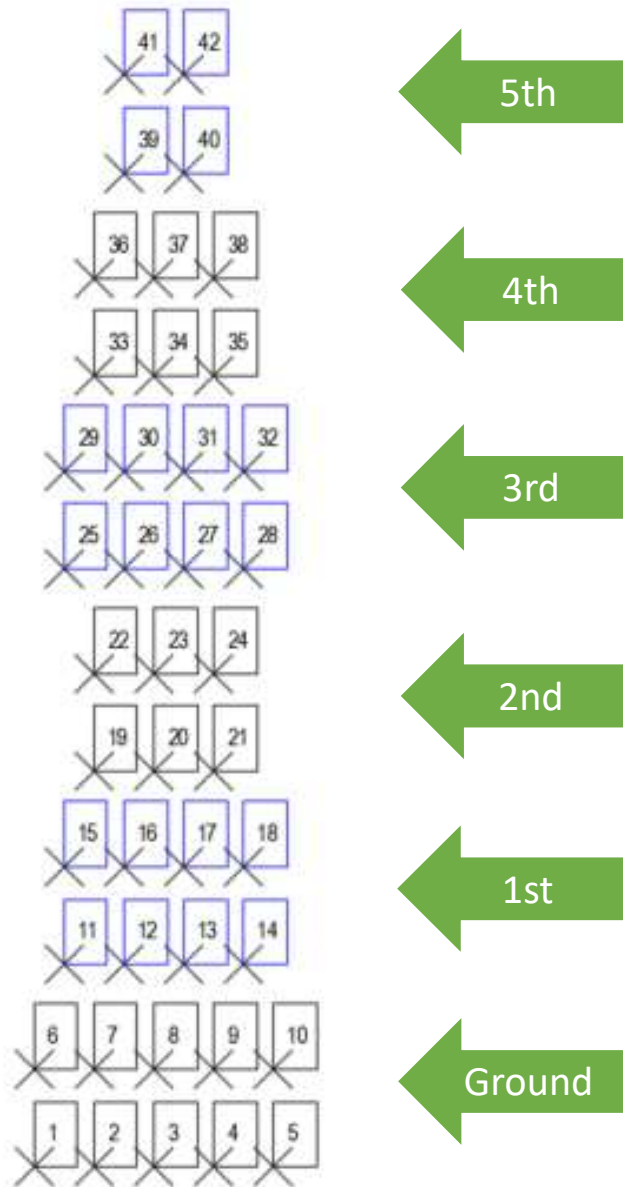


<https://revizto.com/en/>

<https://youtu.be/OnG3-0NqLr4>



Collaboration Exercise



Number	Name		Northings	Eastings	Level Height (above Level 0)	
1	Gavin	Traylor	0	0	Ground Floor	0
2			0	11000	Ground Floor	0
3			0	22000	Ground Floor	0
4			0	33000	Ground Floor	0
5			0	44000	Ground Floor	0
6			18000	0	Ground Floor	0
7			18000	11000	Ground Floor	0
8			18000	22000	Ground Floor	0
9			18000	33000	Ground Floor	0
10			18000	44000	Ground Floor	0
11			0	5500	First Floor	3000
12			0	16500	First Floor	3000
13			0	27500	First Floor	3000
14			0	38500	First Floor	3000
15			18000	5500	First Floor	3000
16			18000	16500	First Floor	3000
17			18000	27500	First Floor	3000
18			18000	38500	First Floor	3000
19			0	11000	2nd Floor	6000
20			0	22000	2nd Floor	6000
21			0	33000	2nd Floor	6000
22			18000	11000	2nd Floor	6000
23			18000	22000	2nd Floor	6000

Collaboration Exercise

Create a new project from the Default Metric Template.

Design a unit with the external dimensions of 8m x 12m.

Your unit must be position to the correct Project Base Point and located on the appropriate Level. NB your project base point should remain at 0 elevation. (Refer to table for Northings and Eastings)

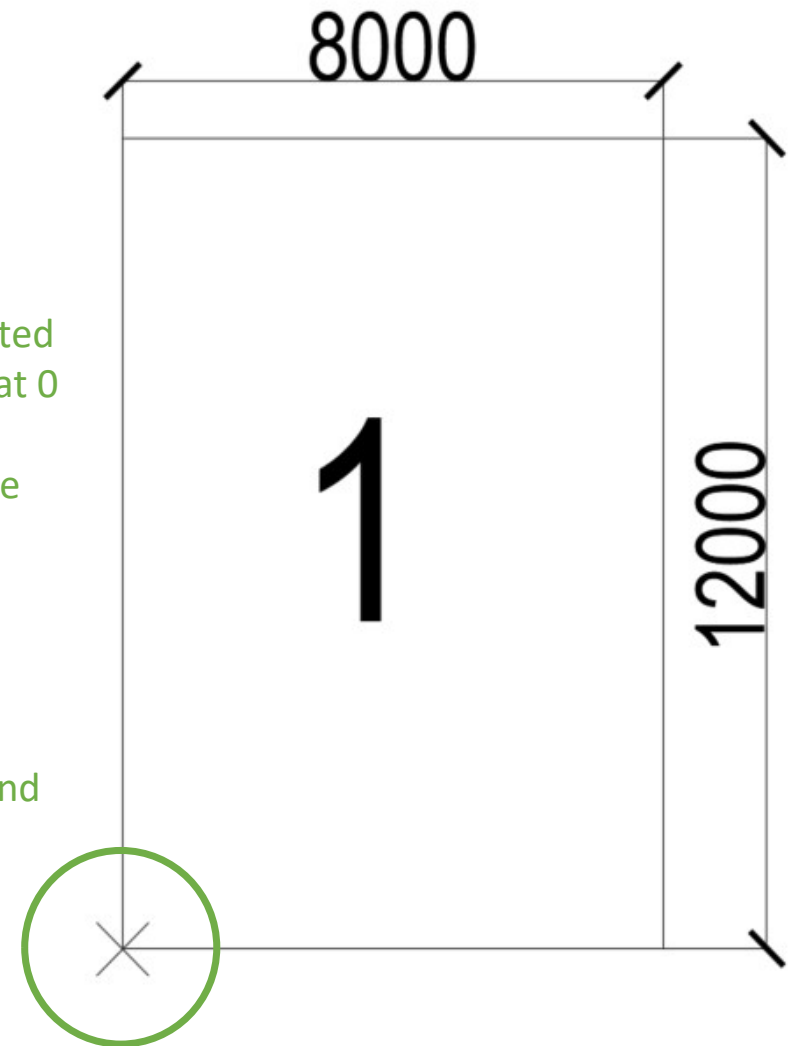
Note there are six storeys in this building so make sure you are on the right level.

Wall types / windows / doors / internal arrangement is up to you. A generic 200mm floor and 200mm flat roof should be used.

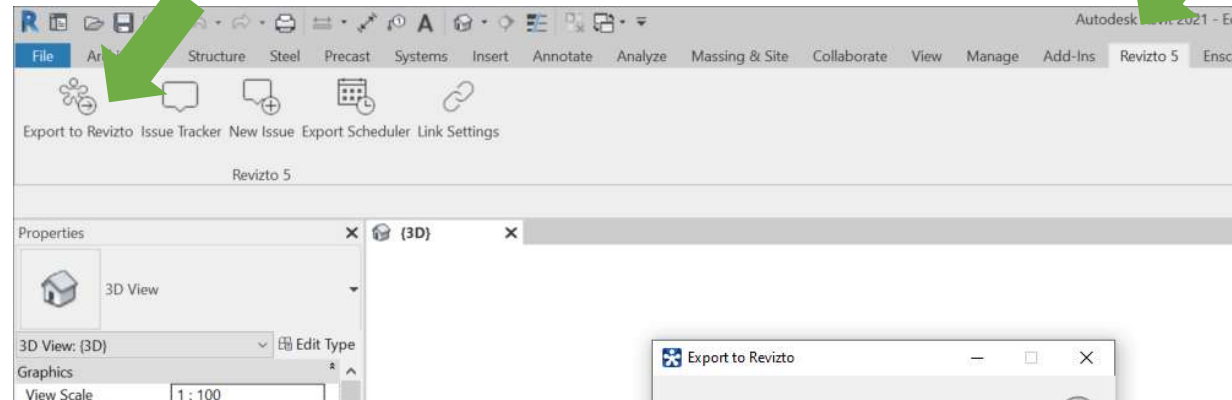
Create a Sheet using the UWTSD Title Block showing the floor plan and section at 1:50 scale.

Create a standard 3D View.

Save your project (add your name to the title)



Collaboration Exercise



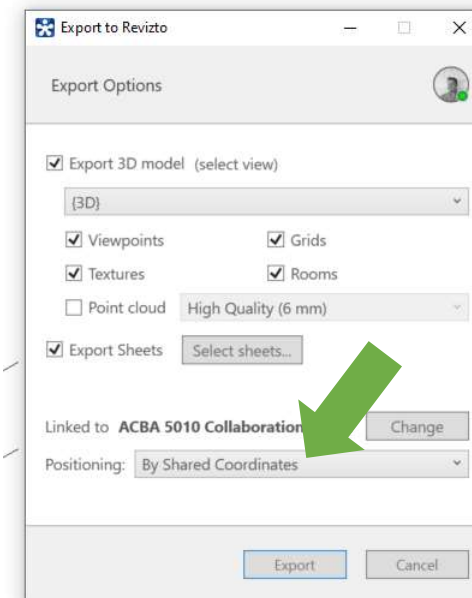
Exporting your Project to Revizto.

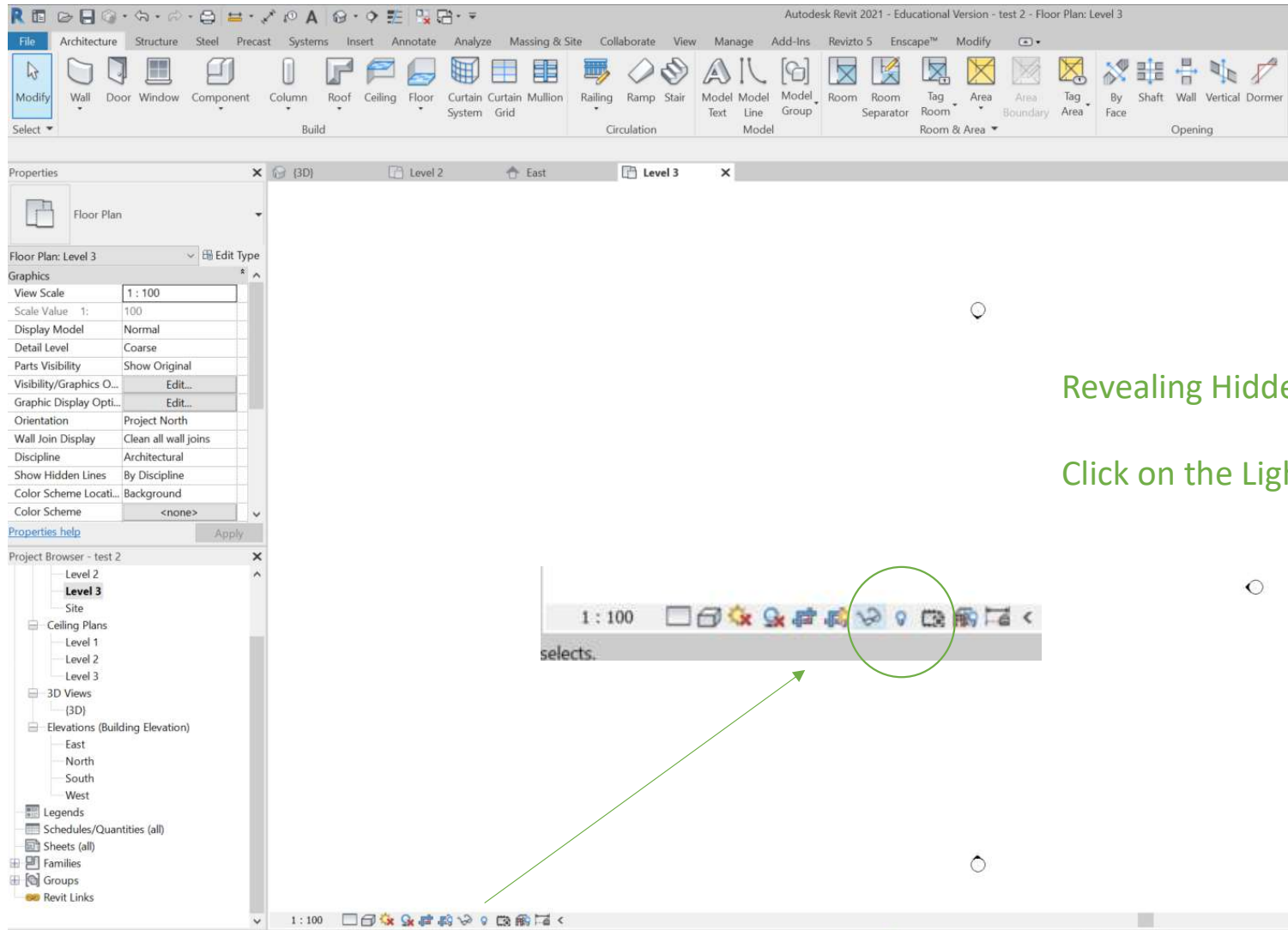
Open your 3D view.

From the Revizto Plug in Menu Select EXPORT TO REVIZTO

Append to an existing Model 'ACBA 5016 Collaboration Class Exercise'

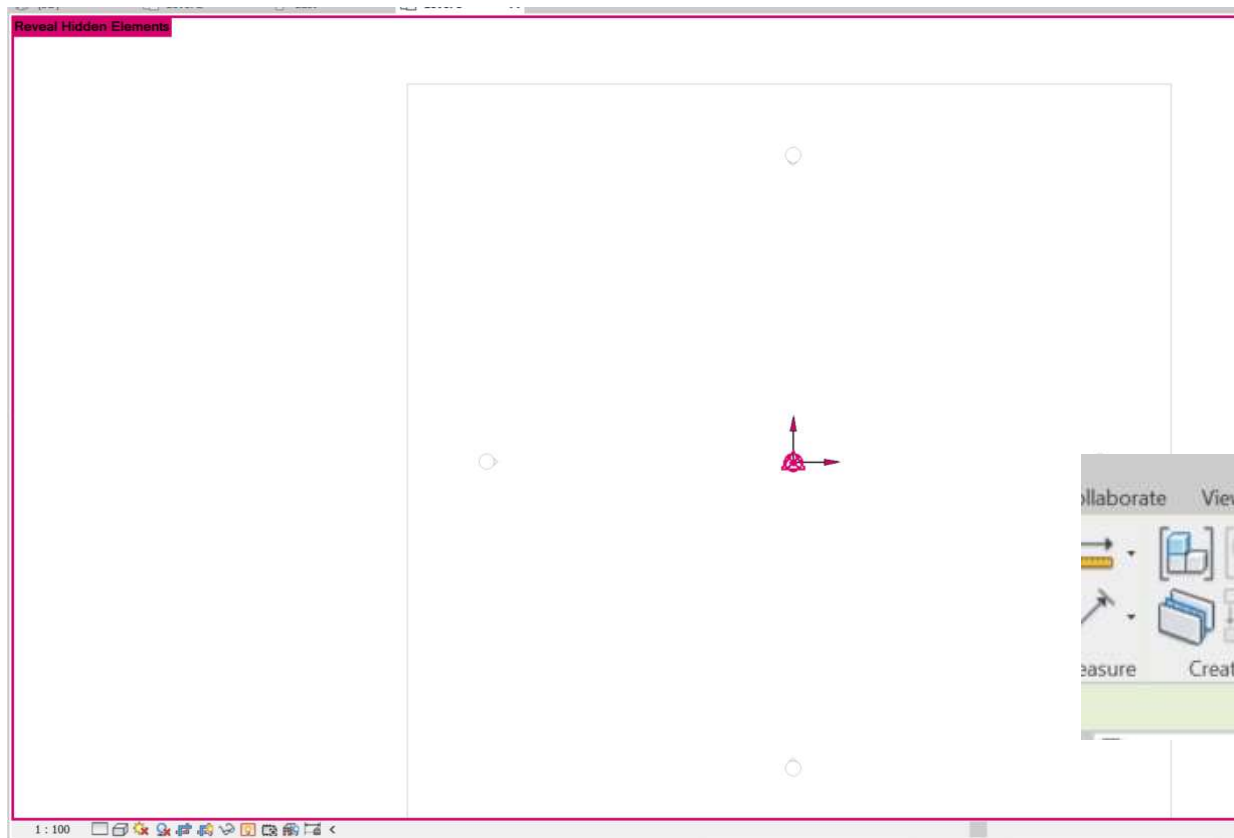
NB: Make sure the Positioning Settings are Set to 'Shared Coordinates'





Revealing Hidden Items and Objects in Revit.

Click on the Lightbulb to activate the Reveal View.



Reveal Mode, shows hidden elements in the view, including the Project Base Point and Survey Point.

Unhide Elements (on the Ribbon) to Reveal and Click the Lightbulb to return to the normal view.

