

Archicad BIM Training Program

BY
COSMICSTAR TECHNOLOGIES

What are we looking at?

Archicad Kickstarter Course
Covers Overall Functionalities
Design - Documentation - Collaboration
Hands-on Training
Live sessions
Project Assignment
Recordings and learning content

Session 1&2 MODELLING

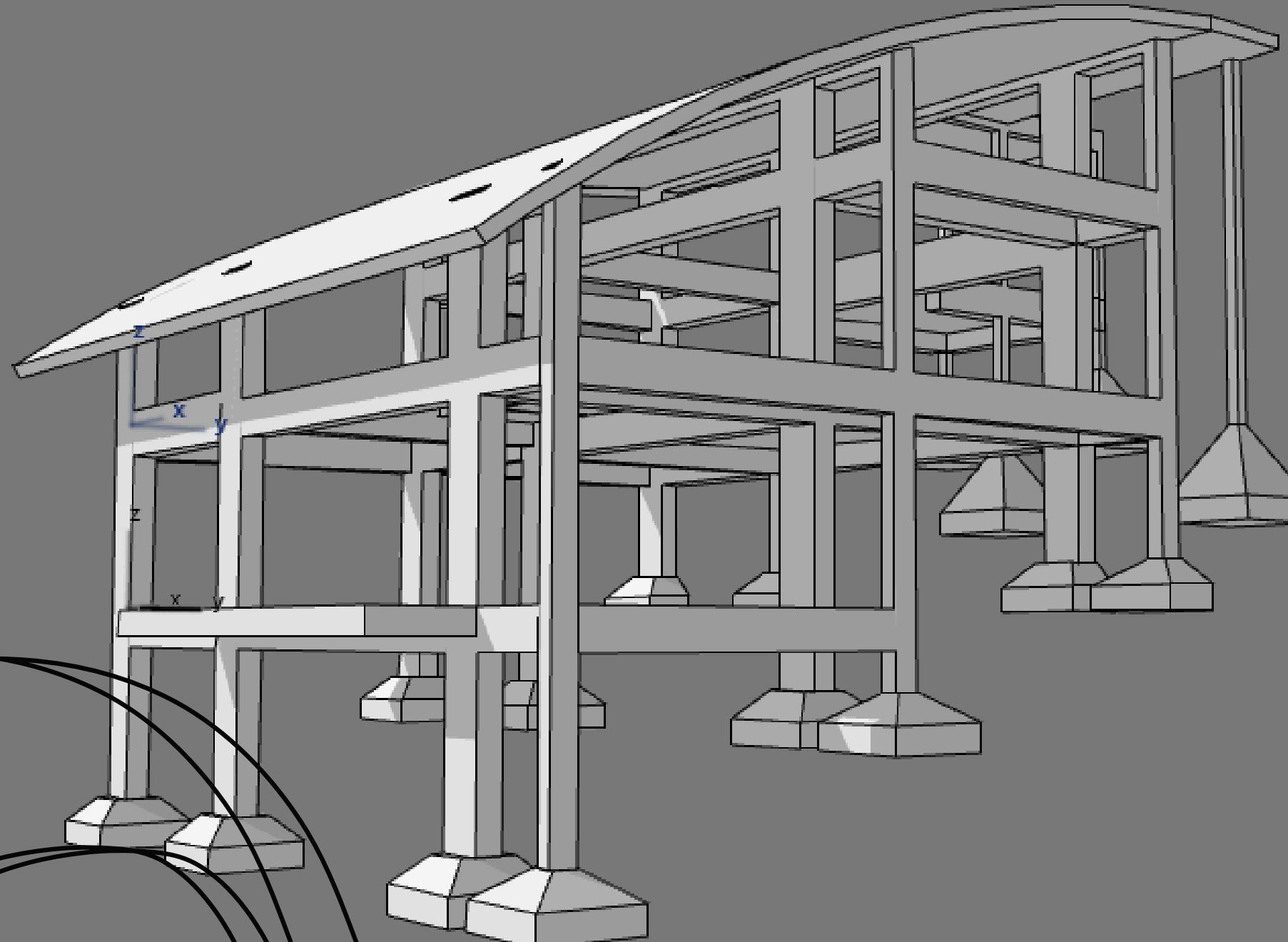
Structural model

Construction of load-bearing elements of the unit.

BIM Project setup
Modelling Elements:

- Column, Beam, Slab, Roof and shell

External Drawing Import
Saving Options

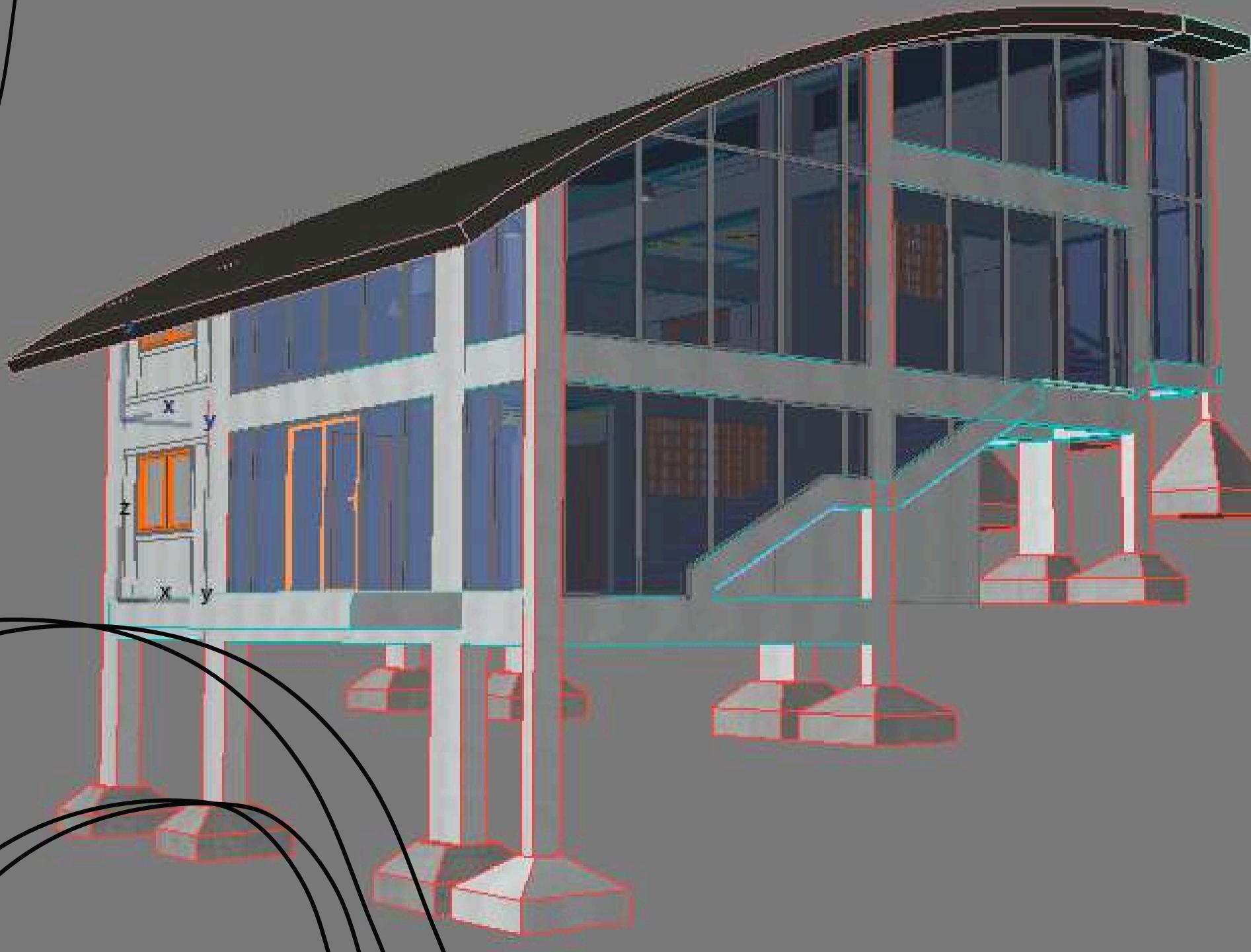


Architecture model

Construction of non -load-bearing
elements.

External Drawing Coordination
Element Modelling:

- Walls, Curtain walls, Doors
and Windows
- Stair tool

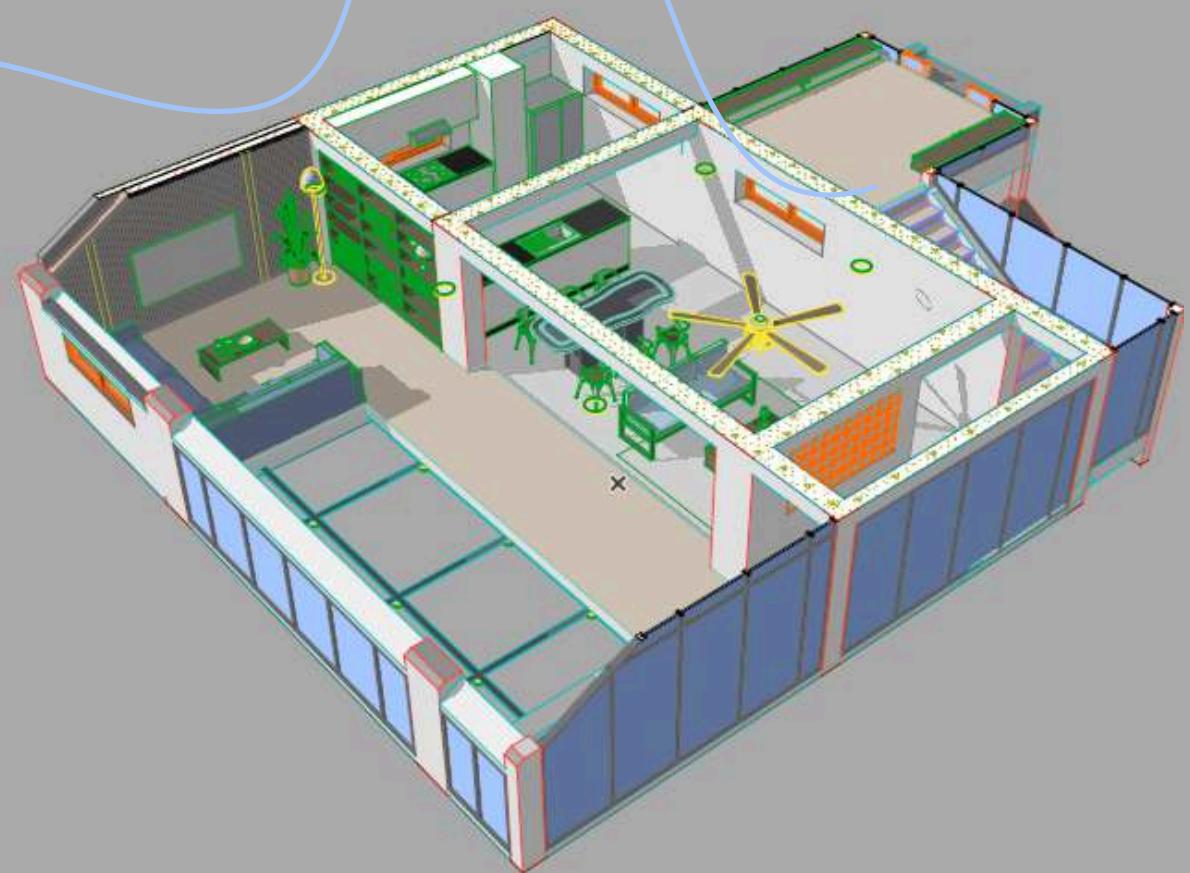
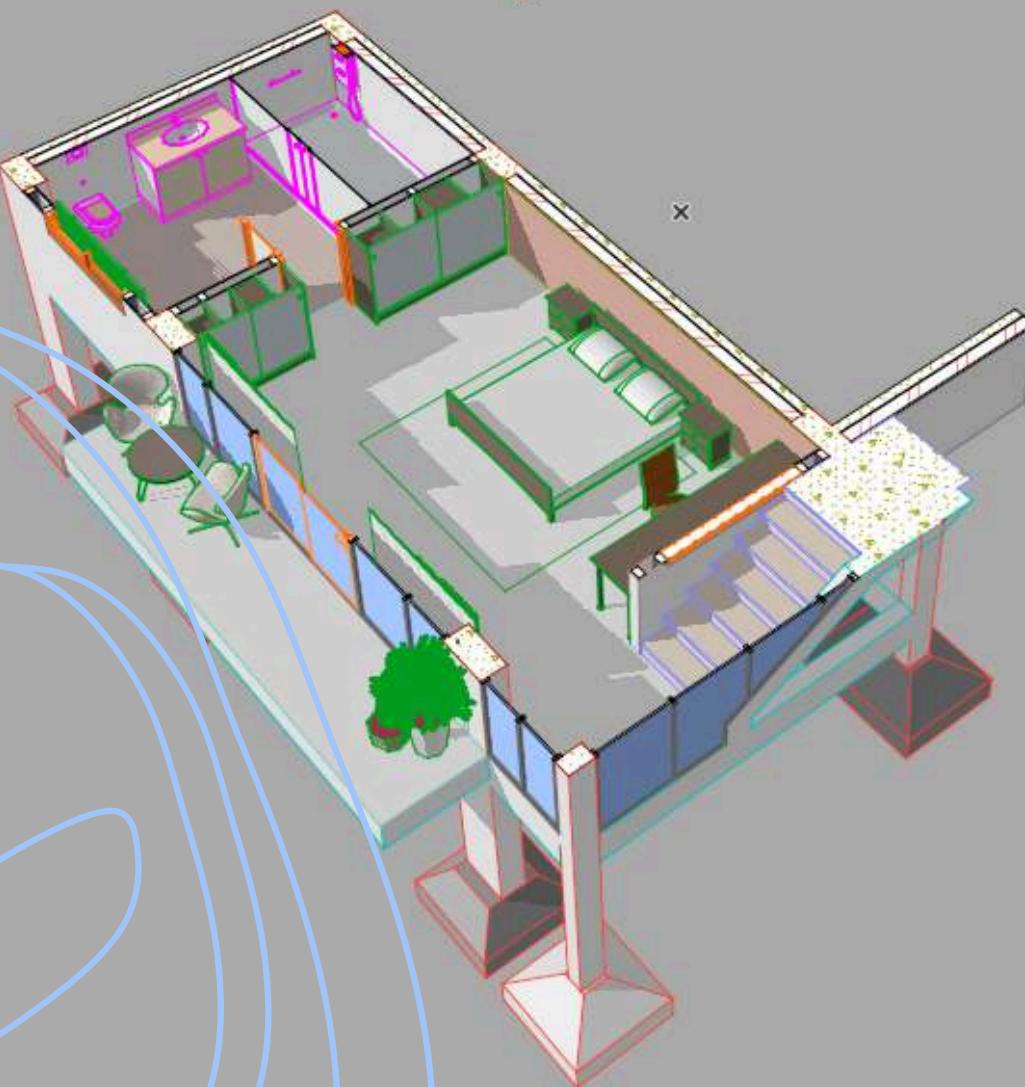


Interior model

Placement of Interior Objects for a sample floor.

Element includes:

- Kitchen items, Dining, living, bedroom etc
- Hotlink Concept explained
- False ceiling with Curtain wall
- Lamp tool



SITE AND LANDSCAPE

Creating a site and placing trees and other elements.

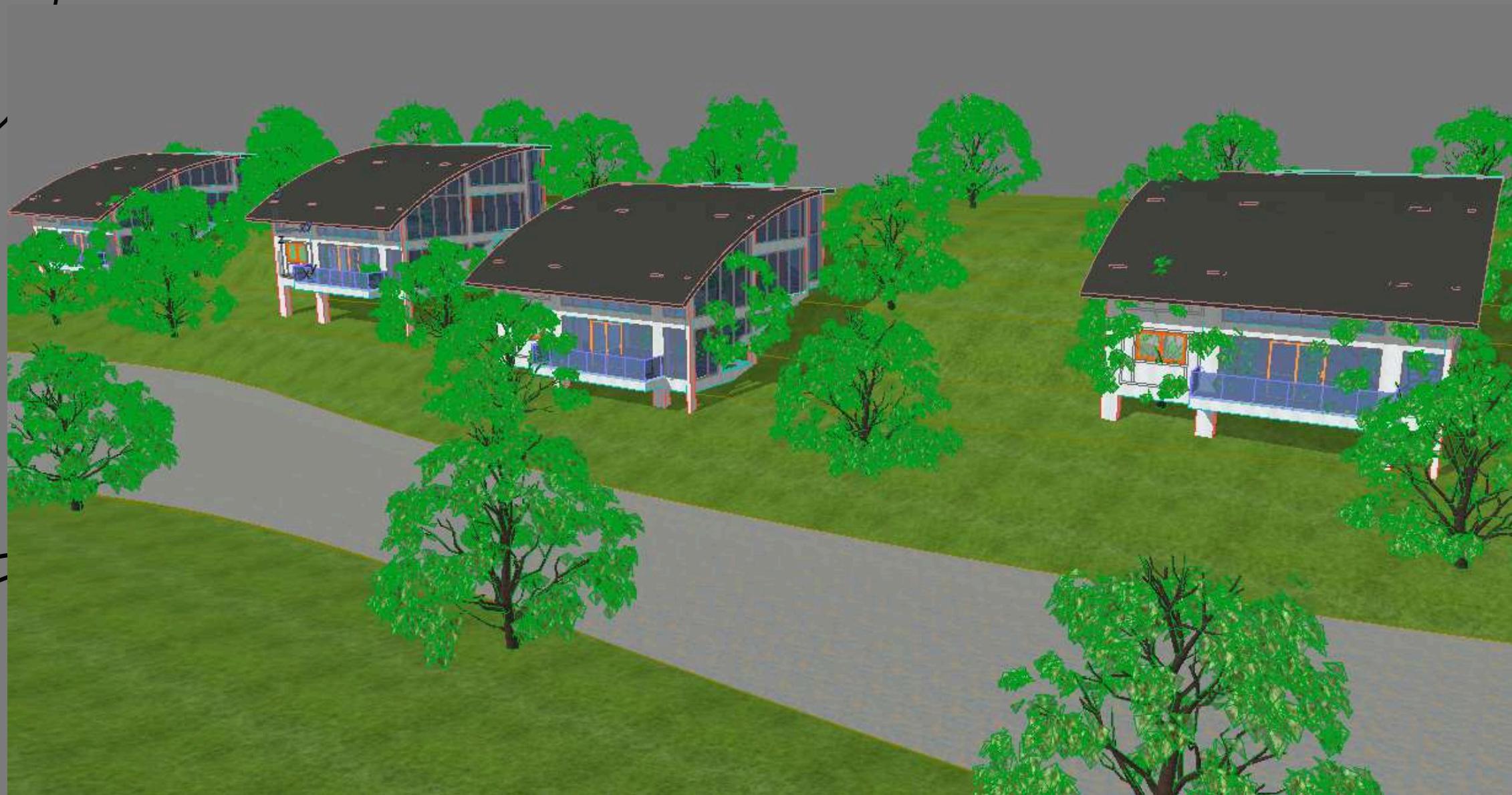
Mesh tool
Solid Element Operation
Gravity tools



Federated model

Making a cluster

Using the reference
model to Create a cluster



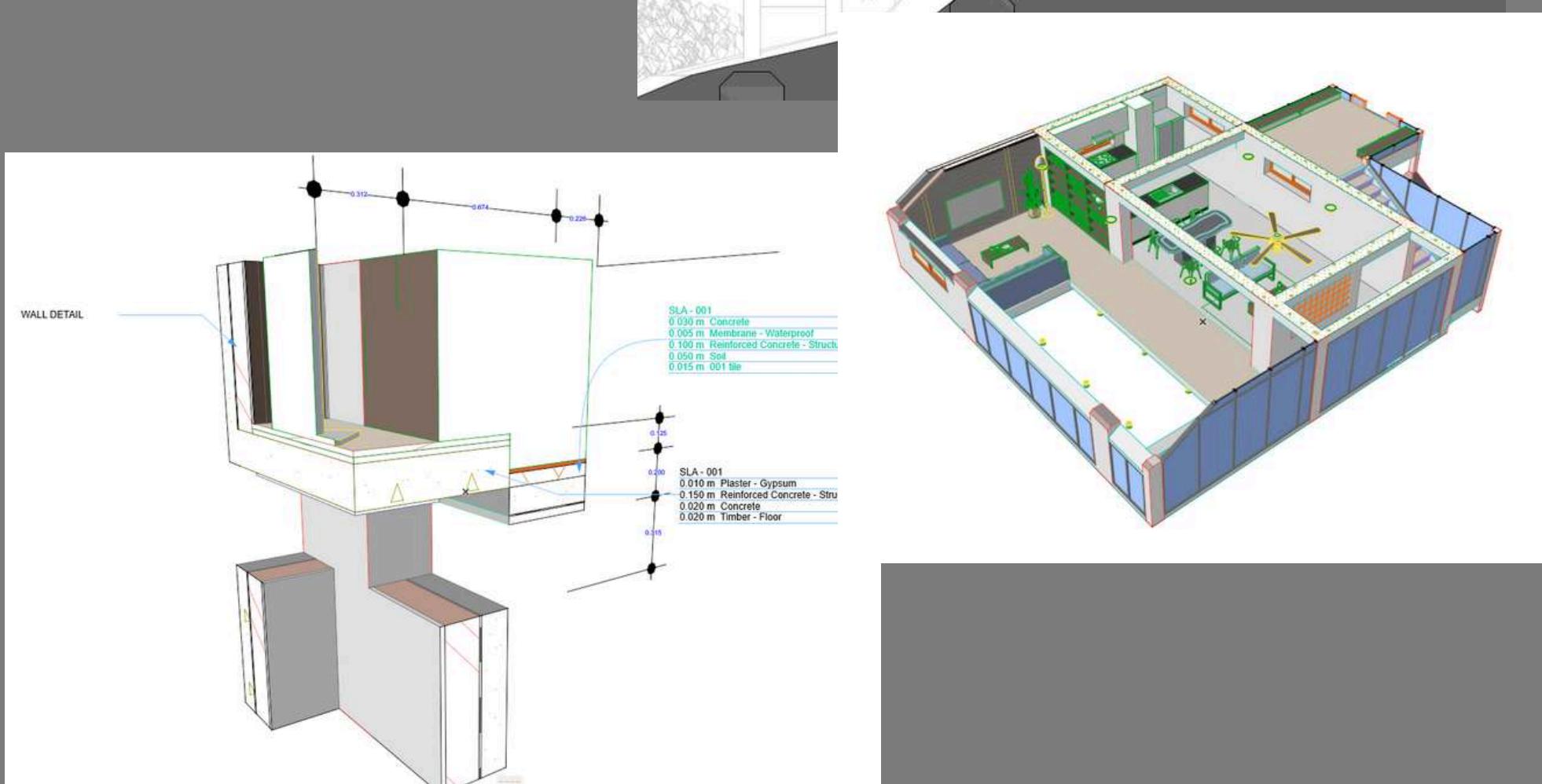
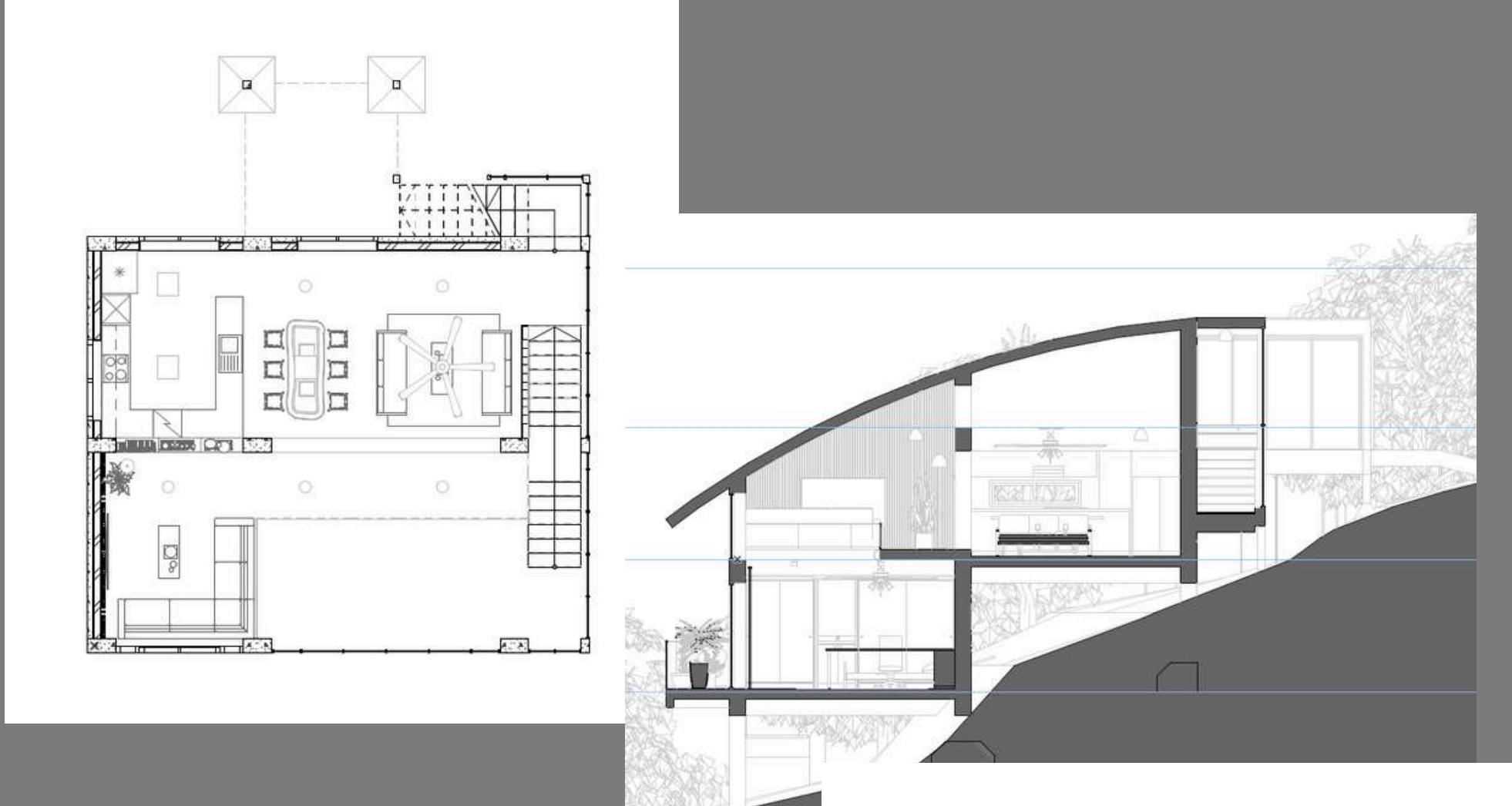
Session 3&4

DOCUMENTATION
&
COLLABORATION

Drawings

Drawings

- Presentation Drawings
- GFC
- Automated title blocks
- Labellings

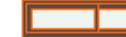


Schedules

Creating BOQ

- Wall Schedule
- Door and Window Schedule
- Material Schedules

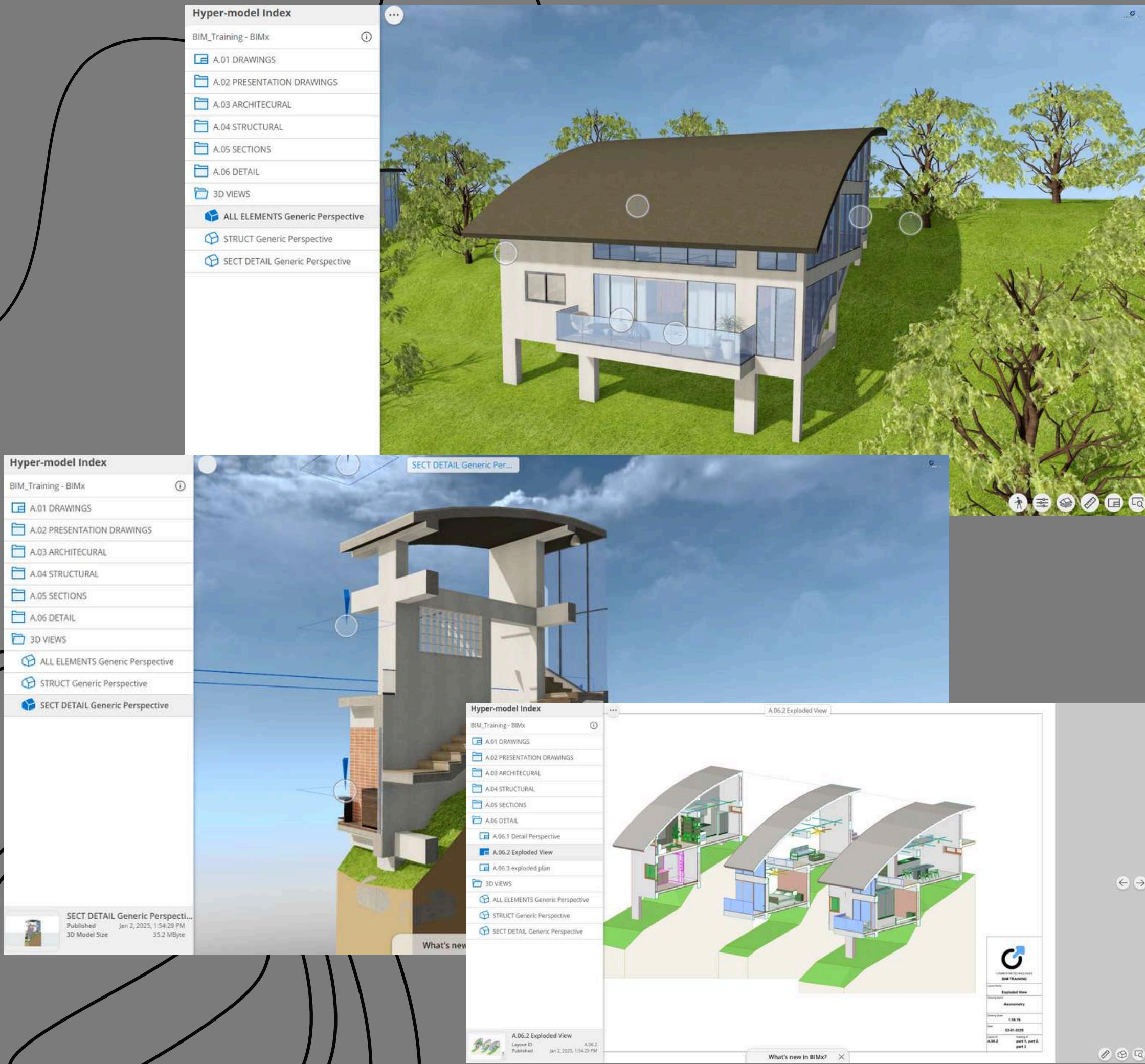
Wall Schedule							
Wall Type	2D Plan Preview	Height [m]	Thickness [m]	Element ID	Area [m ²]	Net Volume [m ³]	Perimeter [m]
External Wall							
	2.500	0.30	SW - 014	3.16	6.48	23.40	
	2.500	0.30	SW - 015	5.80	11.88	41.12	
	2.500	0.30	SW - 016	3.24	6.64	24.76	
	2.500	0.30	SW - 017	4.76	9.76	34.12	
	5.500	0.30	SW - 011	8.00	27.40	63.88	
	5.500	0.30	SW - 012	4.76	12.20	34.12	
	5.500	0.30	SW - 013	5.80	19.80	41.12	
Partition							
	2.050	0.15	SW - 019	3.04	3.20	43.00	
	2.050	0.15	SW - 020	3.04	4.24	43.48	
	2.500	0.15	SW - 018	1.88	4.16	34.88	
105.76 m ²							

Window Schedule						
Opening Name	2-Sash Sliding Window			Glass Block Wall		
Quantity	4	4	4	8	4	4
W x H Size	1.720×0.440	1.720×0.494	1.720×1.068	1.720×0.494	1.720×0.853	1.774×0.942
Orientation						
Element ID	WD - 002	WD - 002	WD - 002	WD - 003	WD - 001	WD - 001
2D Symbol						
3D Back View						

BIMx

Create a BIMx File from Selective items

- Multiple Floorplans
- Sections
- 3D views



Publisher Set

Create a Set of drawings for different stakeholders

- Multiple Floorplans
- Sections
- 3D views

OpenBIM IFC&Structural xls

Create an Open-BIM file from
ArchiCAD

- IFC file for structural engineers
- IFC for Model Coordination
- Export Structural XLS

Whats after Registration

1

- Access to Course content
- Access to Recordings

2

- Certification from Cosmicstar
- Access to Graphisoft Learn Portal.
- Guidance for BIM User certification

3

- 2 months Live session Course access

Thank You



BIMx file