



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

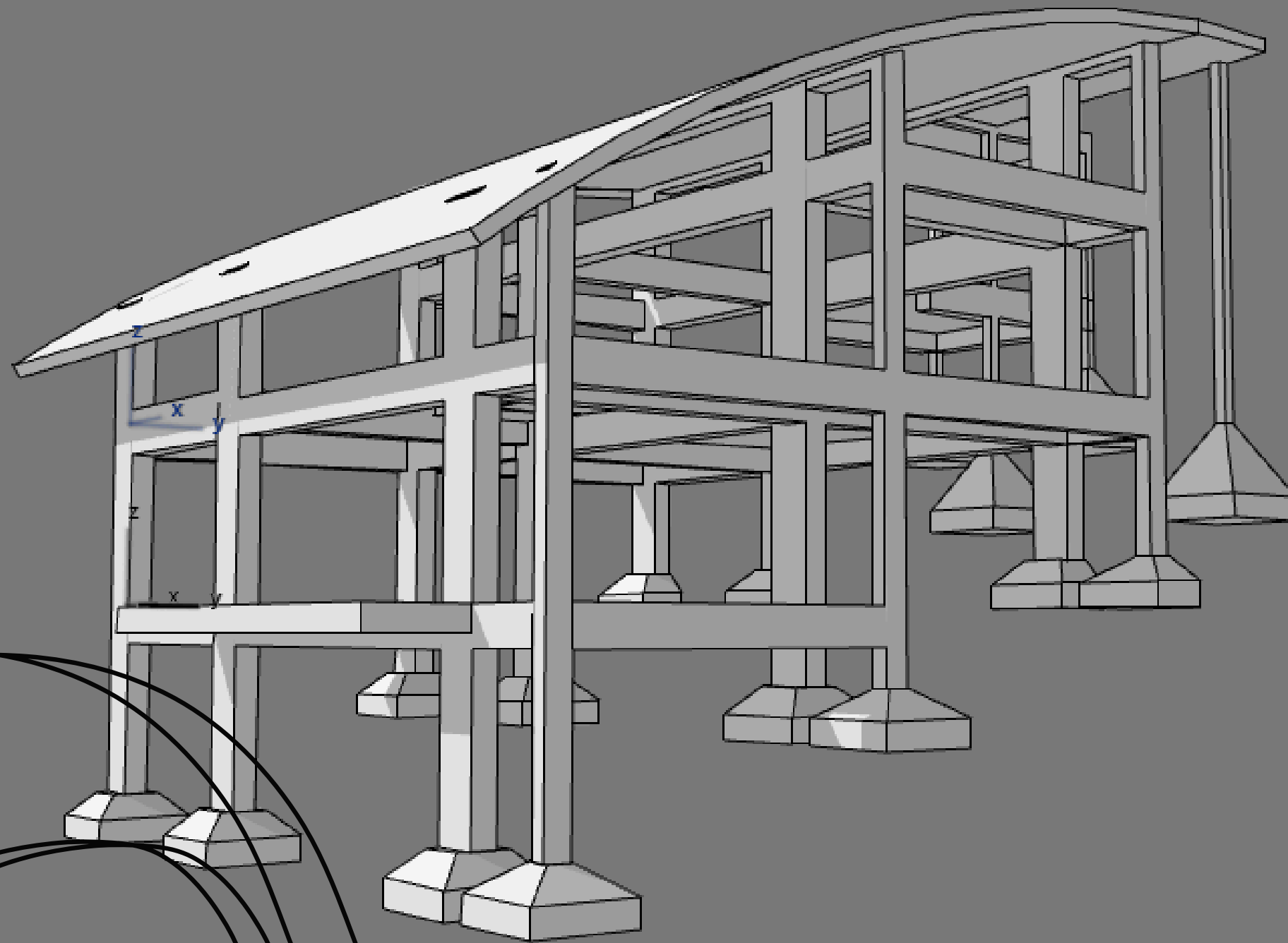
Structural model

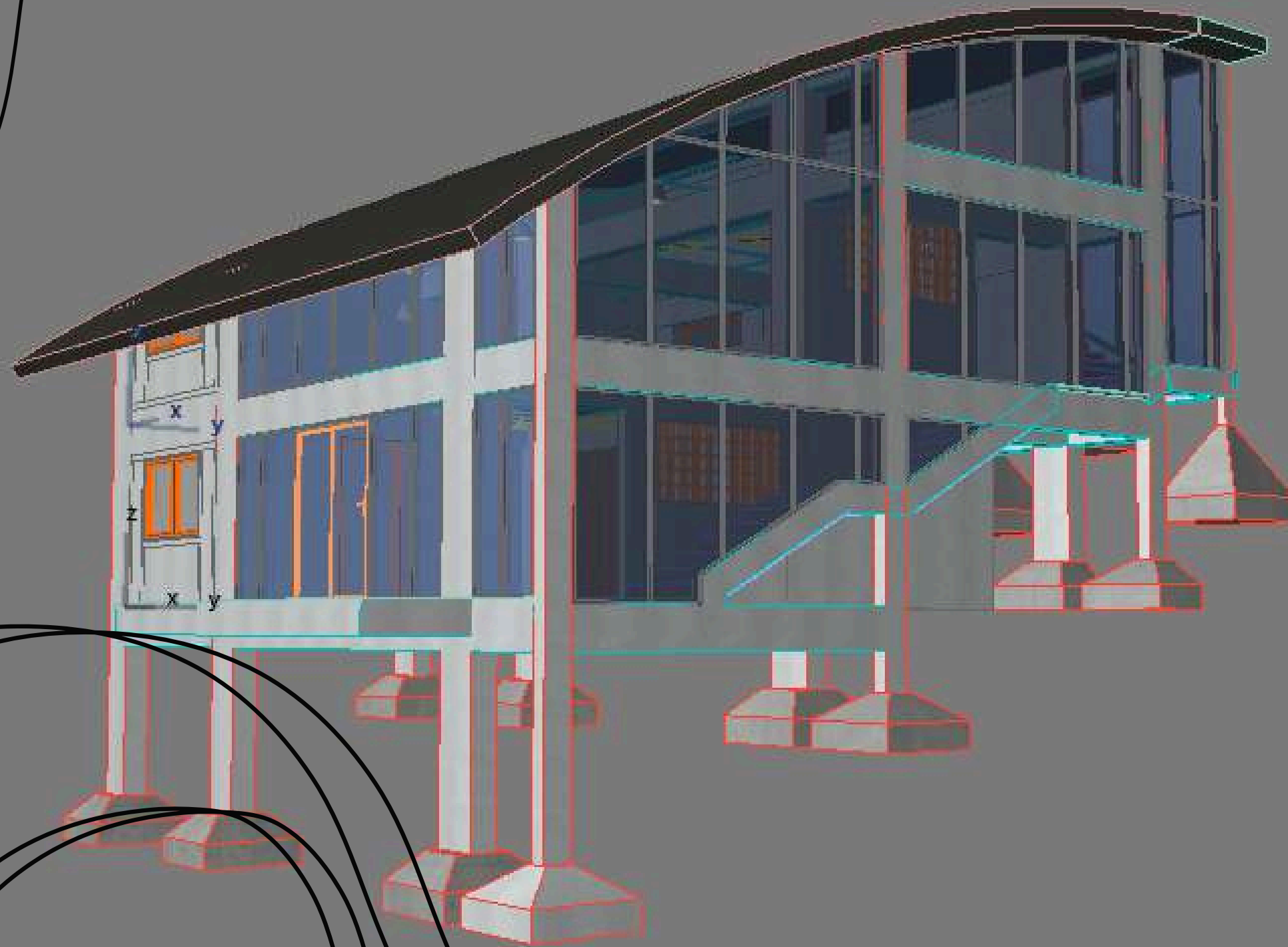
Construction of load-bearing elements of the unit.

BIM Project setup
Modelling Elements:

- Colum, Beam, Slab, Roof and shell

External Drawing Import
Saving Options



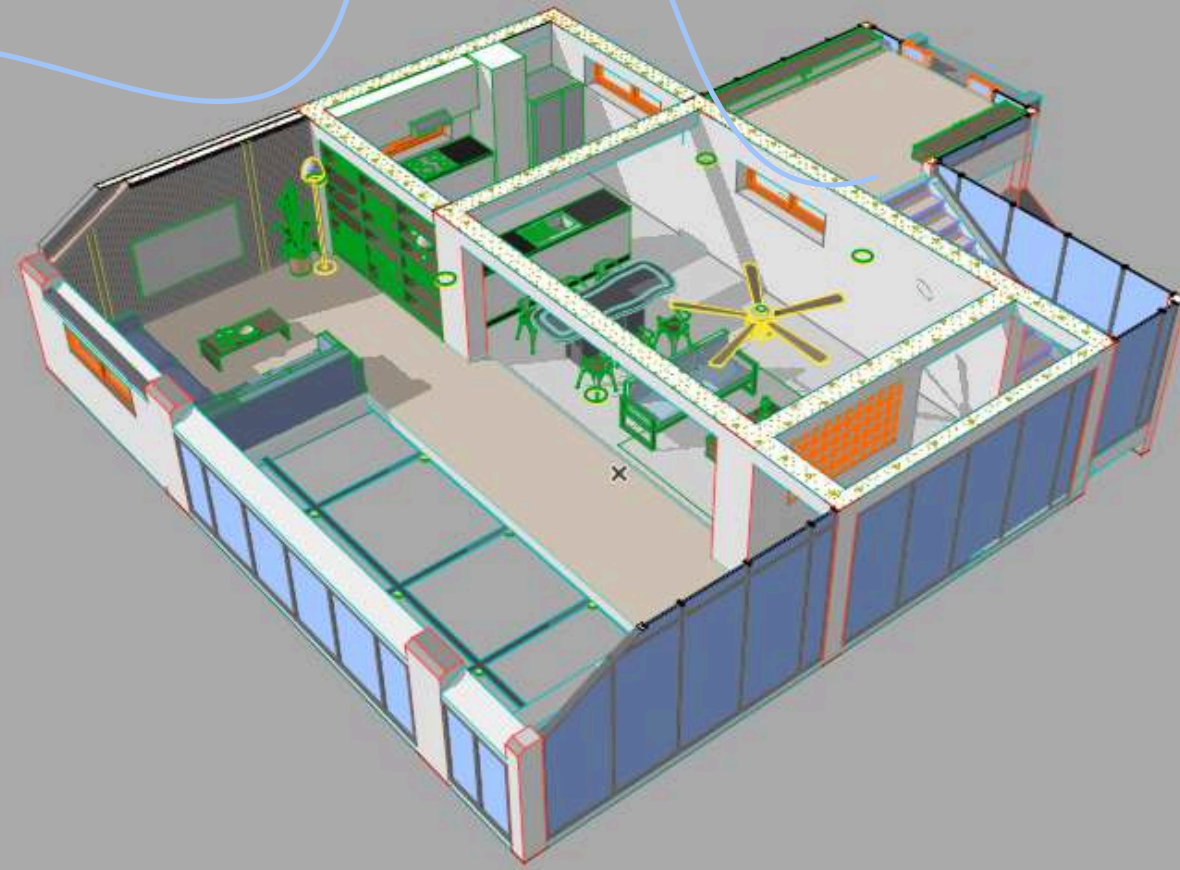


Architecture model

Construction of non-load-bearing
elements.

External Drawing Coordination
Element Modelling:

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

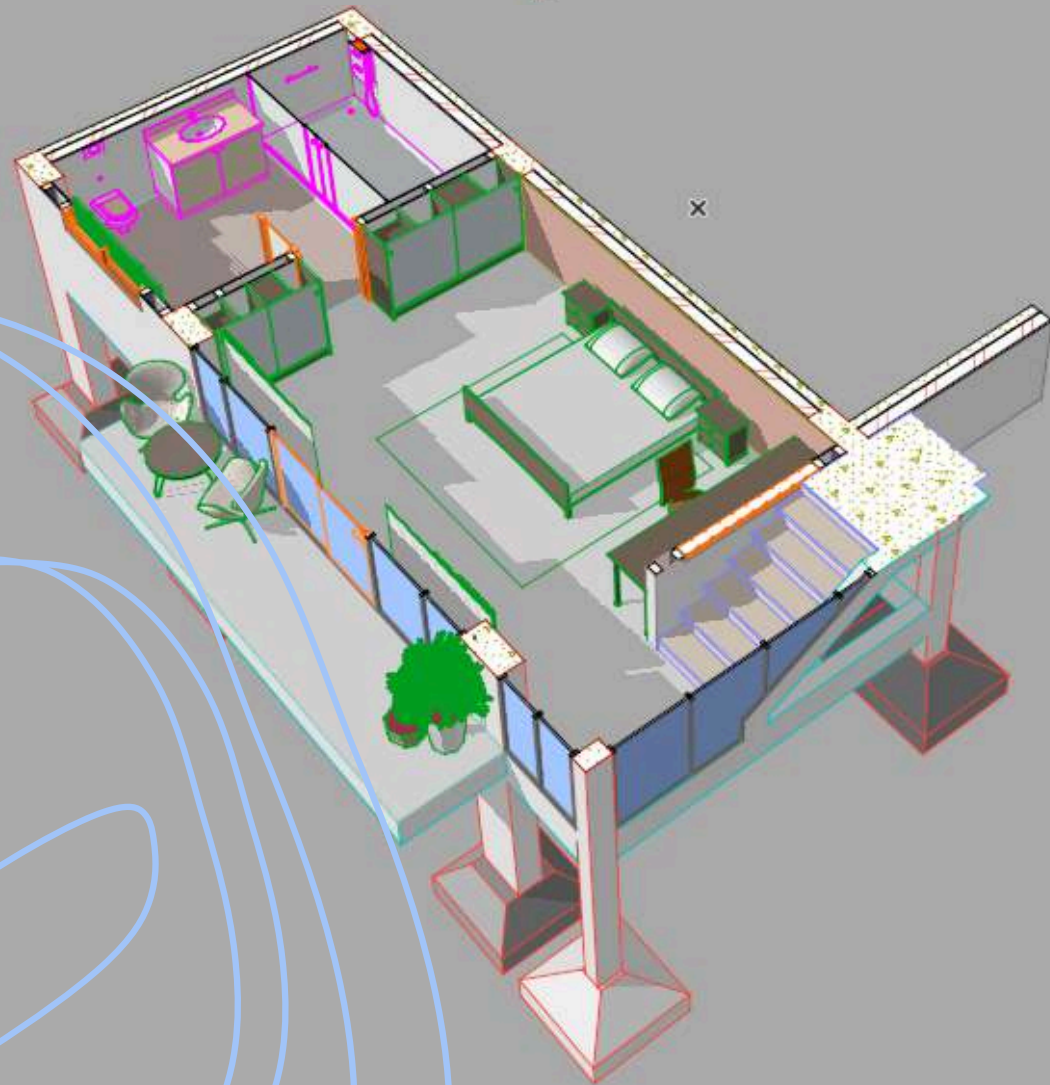


Interior model

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

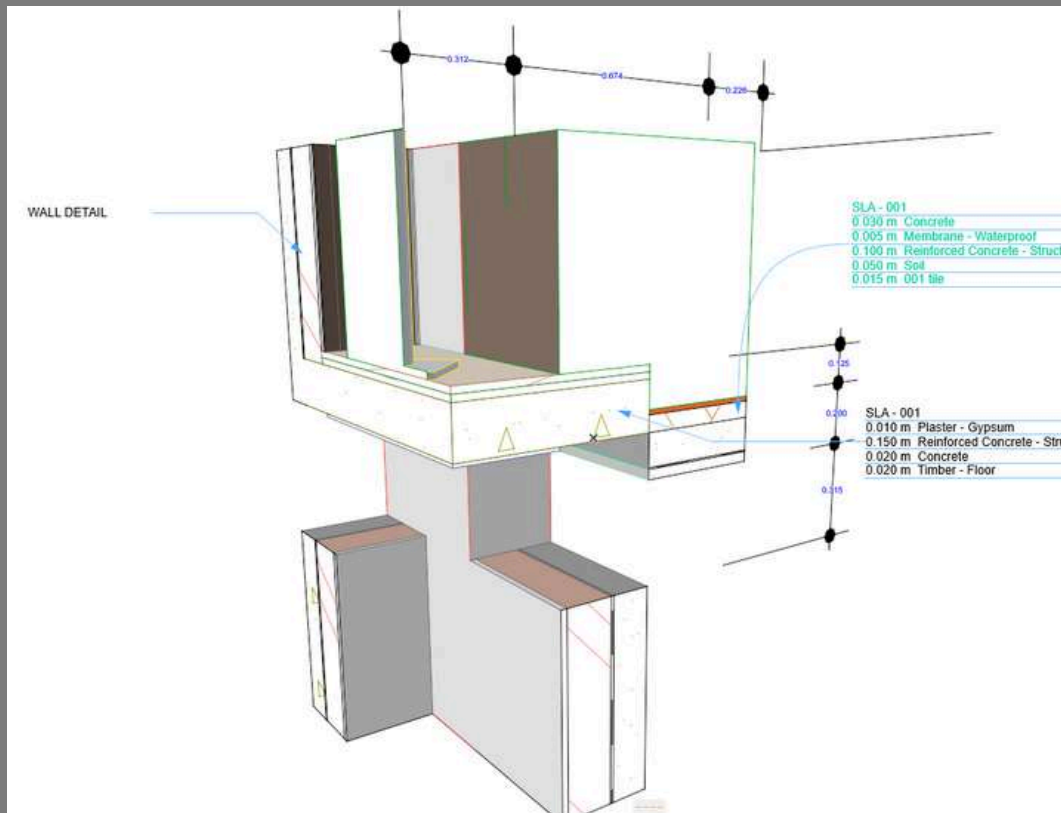
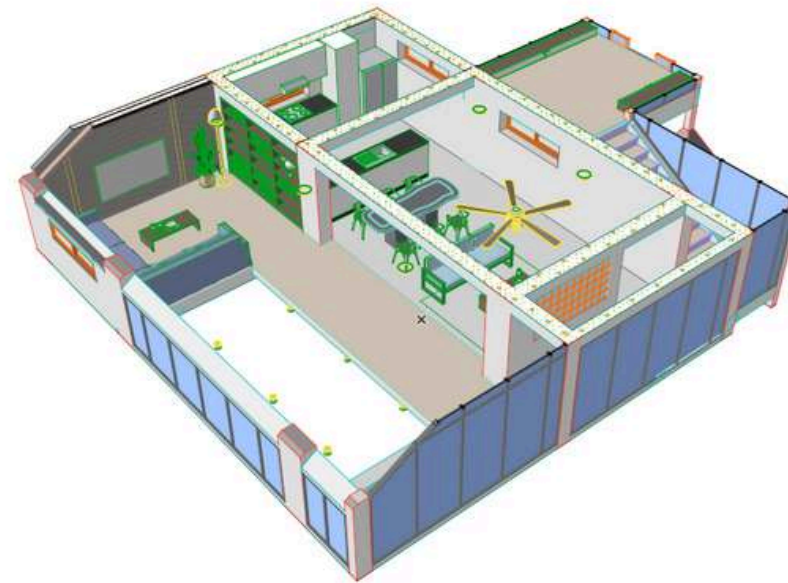
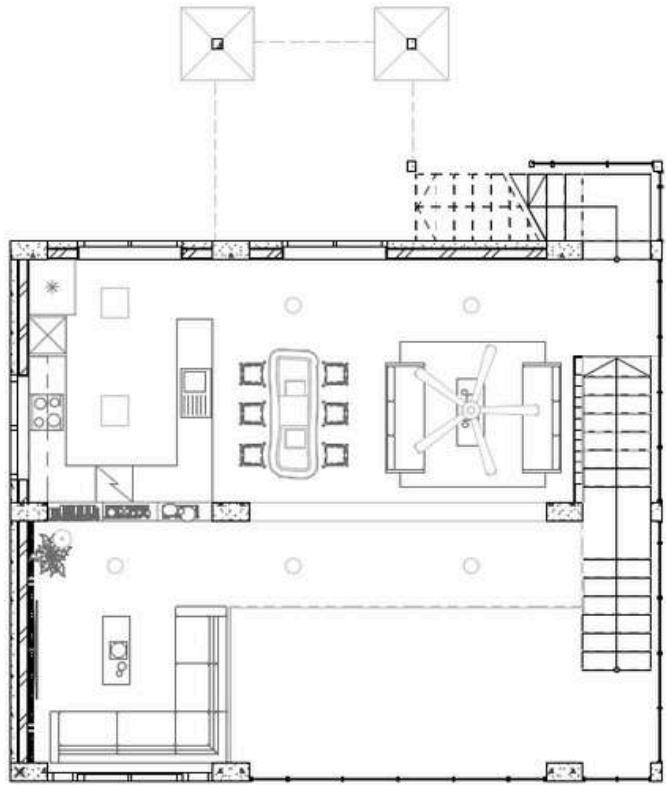
Session 3&4

DOCUMENTATION
&
COLLABORATION

Drawings

Drawings


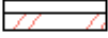

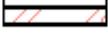

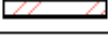

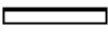
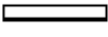

- Presentation Drawings
- GFC
- Automated title blocks
- Labellings











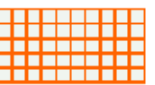
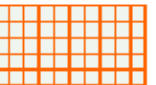


Schedules

Creating BOQ

- Wall Schedule
- Door and Window Schedule
- Material Schedules

Wall Schedule							
Wall Type	2D Plan Preview	Height [m]	Thickness [m]	Element ID	Area [m2]	Net Volume [m3]	Perimeter [m]
ExternalWall							
		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 m³	

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						

Hyper-model Index	
BIM_Training - BIMx	
A.01 DRAWINGS	
A.02 PRESENTATION DRAWINGS	
A.03 ARCHITECTURAL	
A.04 STRUCTURAL	
A.05 SECTIONS	
A.06 DETAIL	
3D VIEWS	
ALL ELEMENTS Generic Perspective	
STRUCT Generic Perspective	
SECT DETAIL Generic Perspective	



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A.06.1 Detail Perspective	
A.06.2 Exploded View	
A.06.3 exploded plan	
3D VIEWS	
ALL ELEMENTS Generic Perspective	
STRUCT Generic Perspective	
SECT DETAIL Generic Perspective	

A.06.2 Exploded View	
Exploded View	
Assembly	
1:50.76	
30-01-2025	
part 1, part 2, part 3	

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