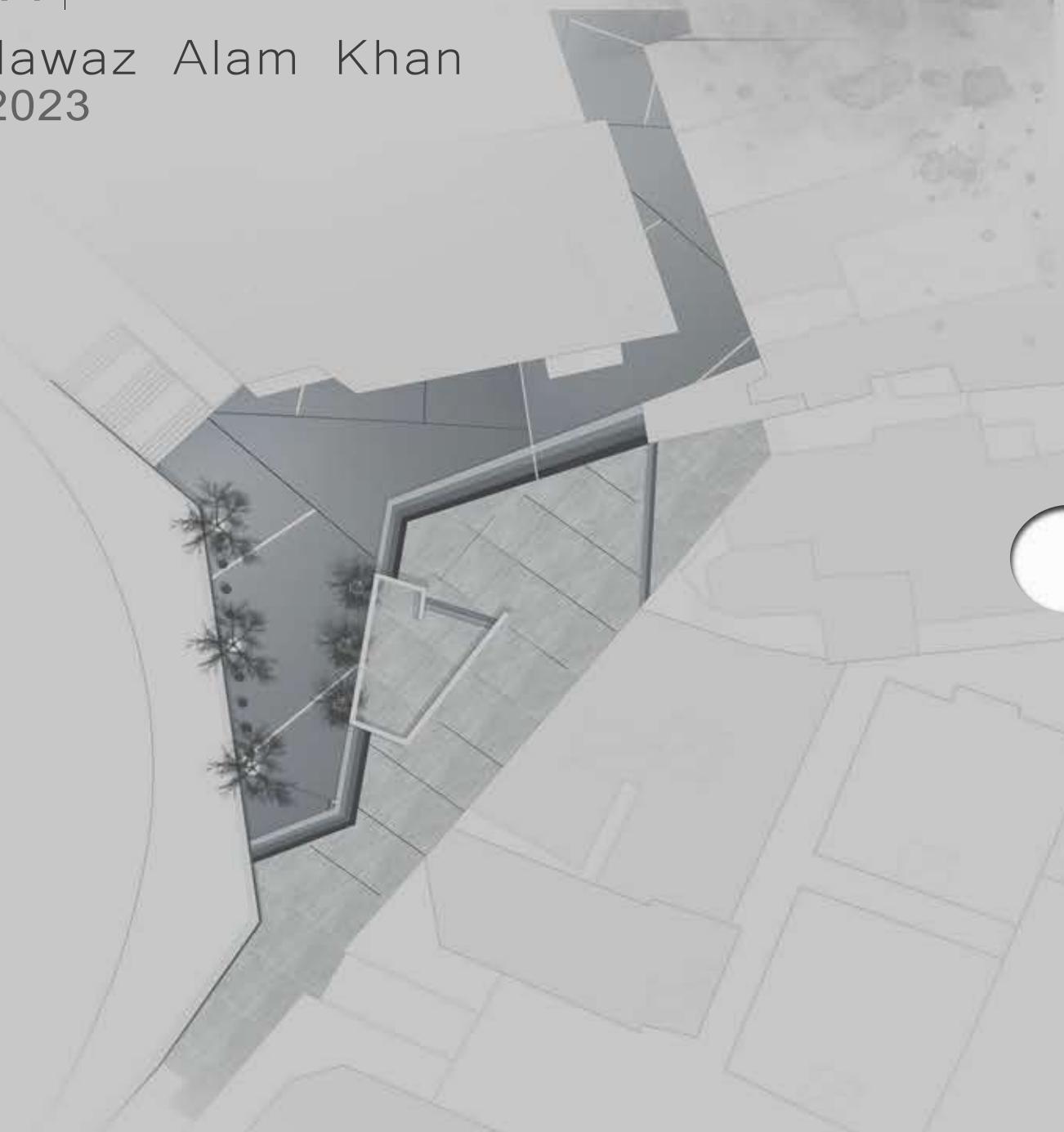


BIM | Portfolio

Md Nawaz Alam Khan
2022-2023



Contact me:

+91-8929088285

<https://www.linkedin.com/in/md-nawaz-alam-khan-2953b5a8/>

master plan

Md Nawaz Alam Khan

BIM Architect



✉ ar.alamnawaz@gmail.com ☎ +91-8929088285
📍 New Delhi. 💻 LinkedIn 💬 Skype

PROFILE

Deadline-driven Architect motivated to provide client satisfaction with detailed and comprehensive home and business design proposals. Established reputation for Artistic designs that integrate form and functionality.

PROFESSIONAL EXPERIENCE

Associate Architects

DesignCAD Architects

Jun 2019 – present | Rohtak, India

- >Showed skills in AutoCAD, Sketchup to complete complex designs and present to clients,
- Created professional, to scale sketches to communicate and clarify special requirements,
- Created oral and written presentations for project designs and proposals,
- Contributed to design packages to update and increase services practice offers to existing and new customers,
- Conducted and documented site visits, maintaining adherence to budgets and timeframes.

Intern Architect

Vinod Gupta & Associates

Jun 2018 – May 2019 | New Delhi, India

- Prepared scaled drawings using AutoCAD & Google Sketchup Packages,
- Designed and submitted job diagrams and lay-out during schematic design phase for new projects,
- Conducted research in local planning laws and building regulations to support design concepts,
- Engaged Clients to understand needs before creating design proposals fulfilling requirements,
- Presented sample design plans to clients, integrating proposed changes to suit customer's needs.

PROJECTS HANDLED

Trauma centre

[Municipal Corporation-Rohtak]

May 2021 – Jan 2023

Basement and 4 storey building; Self supervision project; complete designing layout with site visit thrice a week for proper execution.

Commercial Admin Block.

[Haryana Urban Development Authority]

Nov 2021 – Oct 2022

- 2D-Layout Planning(AutoCAD); Prepared presentation & conducted meeting with clients; designed the plumbing & Electrical layout (AutoCAD); Lead the team for 3D elevation; 2D working layout for front elevation; Site Visits to clarify the assigned contractor about execution; Prepared 2D working drawings for interior.

School's Administration Block

[Pathania Public School, Rohtak]

Feb 2021 – Apr 2022

- Existing block needed to be renovated keeping demolition as a part if required; Client's driven project; prepared 2D-Layout and working layout.

Residential

[Haryana Urban Development Authority]

Mar 2021 – Jul 2022

- It was a self supervision project; need to visit the site twice a week to provide the execution plan; lead the designer team as well as the contractor team for betterment of the project; created 2D-Layout master plan, plumbing layout, electrical fixture layout, joinery detail drawing, Interior 2D layout.

Landscape Design

[Bawana, New Delhi]

Jun 2019 – Aug 2019

- Front open space of a bungalow was available for landscape designing; did the site visit for planning; prepared 2D-Layout Plan, Plumbing layout for fountain & open shower, Electrical layout.

EDUCATION

Bachelor of Architecture.

Maharishi Dayanand University.

Jun 2014 – May 2019 | Rohak, India

- Course work in Architecture & Planning,
- Dissertation in Banquet Hall & Resort.

Certificate of Higher Education.

Jamia Millia Islamia.

Apr 2011 – Mar 2013 | New Delhi, India

- Coursework in Science with mathematics.

COURSES

BIM & Revit professional course

OneistoX

Sep 2022 – Mar 2023 | New Delhi, India

- Basic + Advance BIM Modelling - **REVIT**,
- Information Management-Presentation & Documentation,
- 3D Visualisation - **TWINMOTION**,
- BIM Process & Industry Workflow,
- BIM Coordination - **PRIMAVERA & NAVISWORKS**,
- Visual Programming - **DYNAMO**,
- Capstone Project**.

CAPSTONE PROJECT

Oneistox-Enzyme Capstone Project - Cohort05

Jan 2023 – Mar 2023 | Hong Kong

- Strategic Definition**
 - Client Requirement Definition,
 - Project Feasibility Check.
- Preparation and Briefing**
 - Client BEP,
 - Master Information Delivery Plan.
- Concept Design**
 - Massing Options,
 - Renders - Twinmotion.
- Design Development**
 - Family Creation - Arch.,
 - Design Studies - Documentation,
 - Coordination Model Integration.
- Technical Design**
 - Clash Detection & Resolution - Navisworks,
 - Design Development.
- Manufacturing and Construction**
 - 4D Simulation - Revit & Navisworks,
 - Quality Control(QC) of IFC and RVT model.
- Handover & Close Out**
 - Facility Management Cobie IFC.

SKILLS

AutoCAD
Architecture



Revit
BIM



Dynamo
BIM



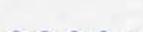
Primavera
4D-Simulation



Navisworks
CD,4D



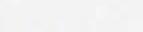
Twinmotion
Rendering



Google SketchUp
3D



Adobe Photoshop
After-Effects



Ms-office
Presentation



SOFT SKILLS

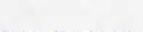
Communication



Team work



Leadership



Adaptability



Time Management



Problem Solving



Emotional Intelligence



Creativity



INTERESTS

Space Exploration (MoonDAO Member)

Internet Surfing (me time)

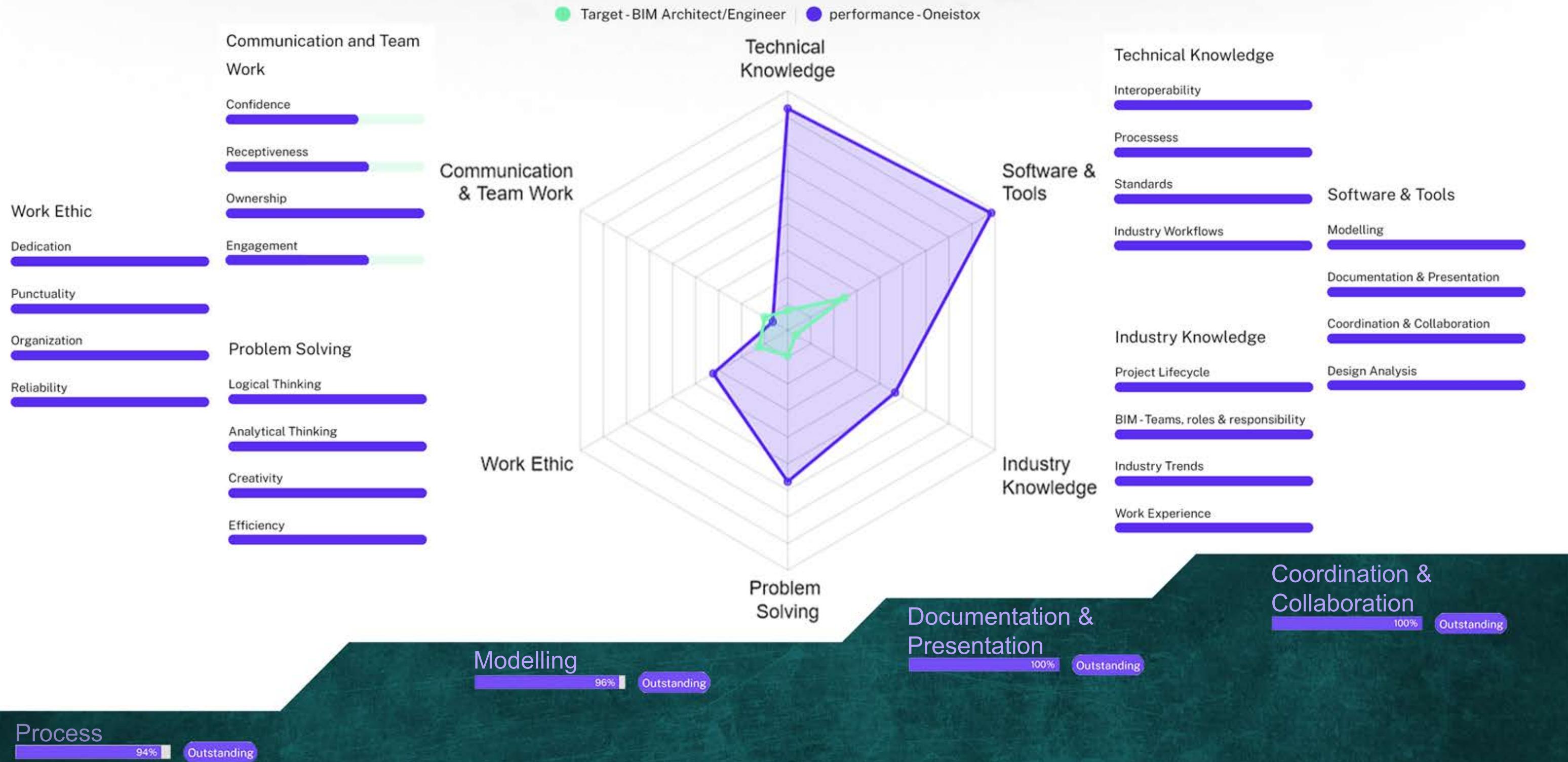
LANGUAGES

English

Hindi

Urdu

BIM Competency @ OneIstoX



1. Enzyme-OneistoX Capstone Project, Hong-Kong.



K -Familiarity with software,
E
Y -Collaboration,
L -Attention to detail,
E
A -Problem-solving,
R
I -Understanding of project lifecycle,
N
G -Industry knowledge.

Client:

Enzyme APD Ltd, Queens Road Central, Central District, Sheung Wan, Hong Kong.

Project Brief:

The project location is in the intersection of Wellington street & Queen's Road Central in the central district of Hong Kong Island. The existing building, built in the 70's doesn't maximise the current allowed GFA of the plot. Given the prime location, and the under-utilised available GFA [Current used GFA: 1430.7 Sqm.], the owner set to study the possibilities of another building volume that can provide a better ROI(return of investment) while creating a landmark in a critical urban point.

Project Location:

E 114°9'12.12" N 22°17'5.40" Elevation: +0.00MM

Building Type:

Mixed use - Office and service apartments

Site Area:

203.7 Sqm.

Current Utilise GFA:

1430.70 Sqm.

Maximum Site Occupation:

162.7 Sqm.

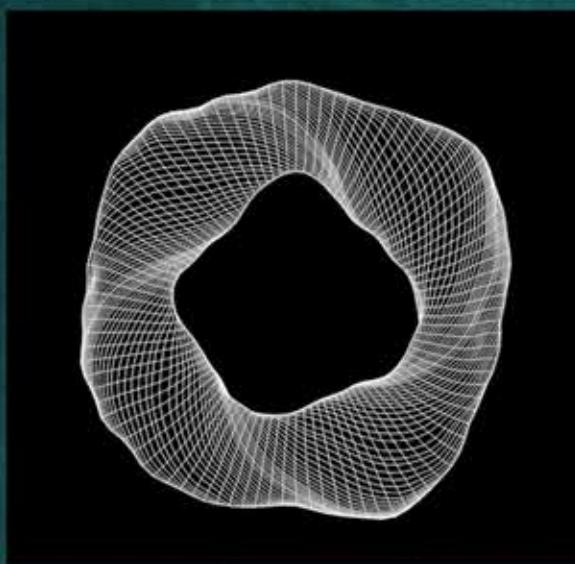
Height Requirement:

21 Storey

FAR[Floor Area Ratio]:

13.8

BIM Execution Plan [BEP]



OneistoX Capstone Project

*Enzyme APD Ltd
806, Arion Commercial Centre,
2-12 Queen's Road West
Sheung Wan, Hong Kong*

Contents

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Project description	2
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Applicable Standards	4
Information management responsibilities	5
Information delivery strategy	6
Objective/goals for the collaborative production of information	6
Delivery team's organisational structure and composition	6
Delivery team's detailed responsibility matrix	7
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1.3 Main BIM Targets per Stage (RIBA plan of work)

Main Phase	Stage	BIM Target
Preparation	1- Preparation and Brief	<ul style="list-style-type: none"> 1. BIM Strategy takes place according to project goals 2. BIM software and processes are enabled following BEP guidance and standards
Concept	2 - Concept Design	<ul style="list-style-type: none"> 1. Design through interdisciplinary BIM coordination 2. Design on budget: Gross area extraction
	3 - Spatial Coordination	<ul style="list-style-type: none"> 1. Design through interdisciplinary BIM coordination and collaboration 2. Reduction of risk and clashes between disciplines 3. Design on budget: area extractions
Design	4 - Technical Design	<ul style="list-style-type: none"> 1. Design through interdisciplinary BIM coordination and collaboration 2. Reduction of risk and clashes between disciplines 3. Uniform method of data management between disciplines, specifications and BIM models 4. Design on budget: area extractions and quantities extractions
	5 - Manufacturing and Construction	<ul style="list-style-type: none"> 1. Design through interdisciplinary BIM coordination 2. Reduction of risk and clashes between disciplines 3. Uniform method of data management between disciplines, specifications and BIM models 4. Design on budget: area extractions, materials and quantities extractions

2.12 Quality Control

Model Authors are responsible for modelling quality checks before release and confirming that Standards have been adhered to.

The following checks must be made prior to model transmittal using WIP, Shared, and Published & Archive data storage areas in CDE:

- Only Properly checked data getting shared and published
- File Naming meets agreed protocols means correctly named data with defined purpose and status
- Data saved to adopted project coordinate systems
- Data saved in a 3D view with all elements visible
- All reference data (2D & 3D) removed or unlinked
- Delivering the defined level of detail and info on particular RIBA stage of Work
- Level of Development meets BIM content authorship matrix requirements

The quality control checks should be performed according to the table below:

Check	Definition	Responsibility
Visual Check	Ensure that the design intent is followed and that no unnecessary or unintended data is included	Each Discipline Design Lead
Interference Check	Perform clash tests on models to detect and resolve issues before delivery	Each Discipline Design Lead / BIM Lead
Models Standard Check	Ensure that the design models and data fulfill the agreed requirements	Each Discipline Design Lead
Element validation	Ensure that element data is defined correctly and that all required data is entered and in compliance with requirements. Ensure that no duplicate elements exist.	Each Discipline Design Lead

2.4 Schedule of software

<Provide the proposed list of exchange format that will be used to deliver the appointed party requirement.>

All CAD software and versions will be agreed before the beginning of the project. All teams should use the same version of the software and update version releases to the most recent ones even during the project development.

Table 2.2: Required exchange formats

Information type	Software	Native file format	Version
Information Model	Autodesk Revit	RVT	2022
Information Model (Revit Families)	Autodesk Revit	RFA	2022
Federated Model	Navisworks	NWC	2022
Non-Graphical Data	-	PDF/XLSX	-
Visualisation	Twinmotion	TM	2022
All	Autodesk BIM Collaborate	-	-

2.6.1 Mandatory Model Uses

<R-Required Use | A - Proposed Additional Use>

n°	Information Model Uses	Design		Construction		O&M
		02	03	04	05	06
1	Site Analysis	R				
2	Existing Conditions Modelling	R	R			
3	Program Validation	R	R			
4	Design Authoring	R	R	R	R	
5	Drawing Production	R	R	R	R	R
6	Design & Progress Review	R	R	R	R	R
7	Spatial Coordination		R	R	R	
8	Phase Planning (4D)				R	
9	Quantities Take-off (5D)			R	R	
10	Sustainability Evaluation		R	R		R
11	Operation & Maintenance					R
12	Visualisation	R	R	R		



Autodesk
AutoCAD



Autodesk
Revit



Epic Games
TwinMotion



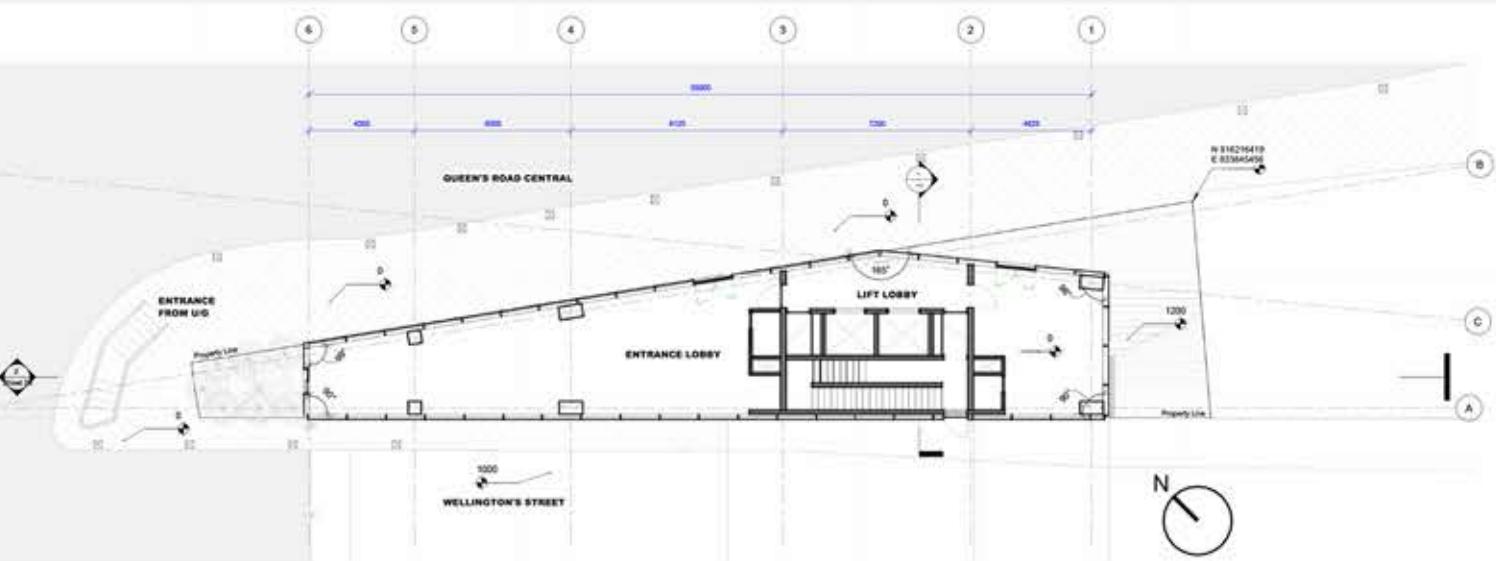
Autodesk
Navisworks



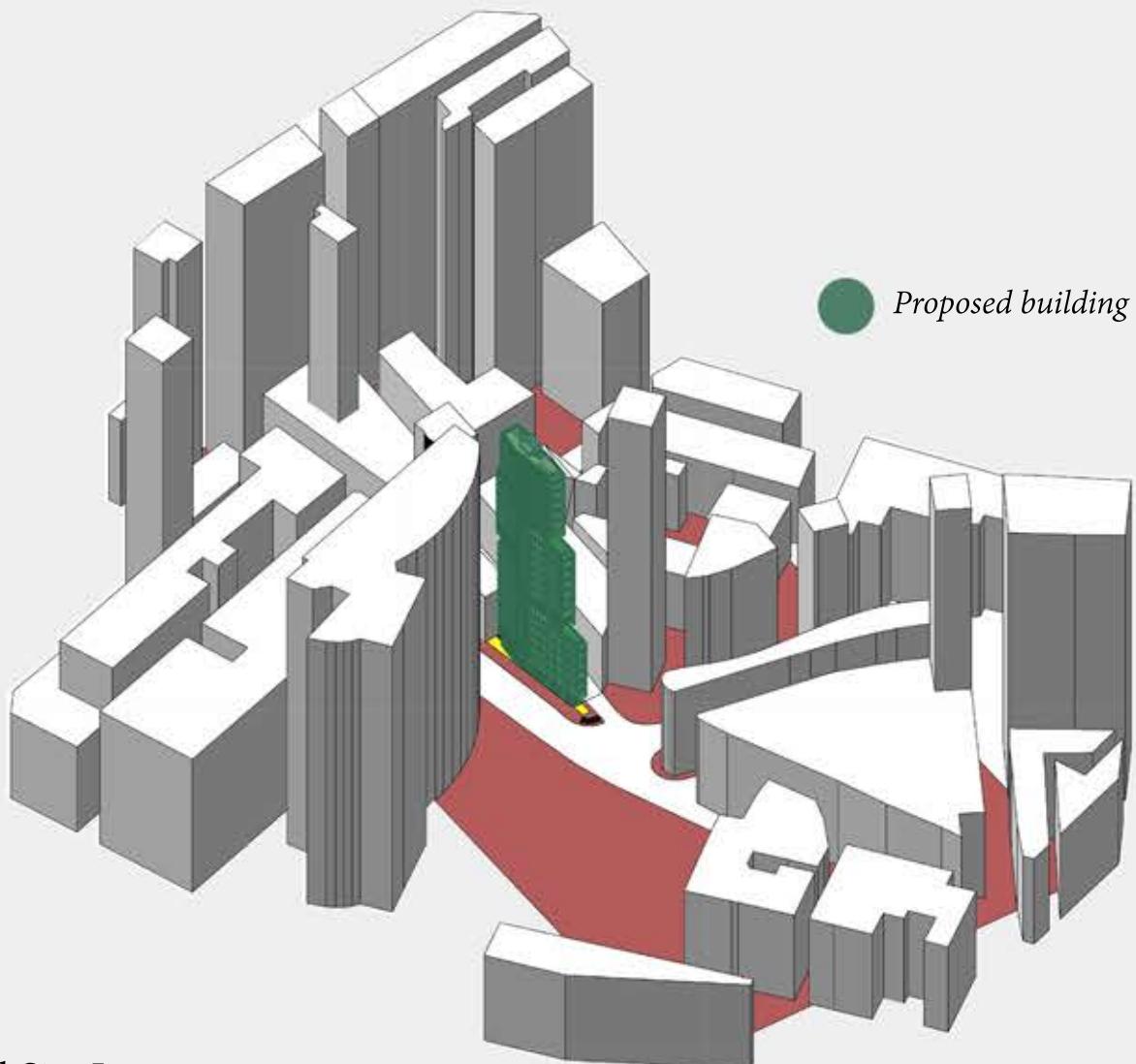
Oracle
Primavera

SITE [Enzyme Tower, Hong-Kong].

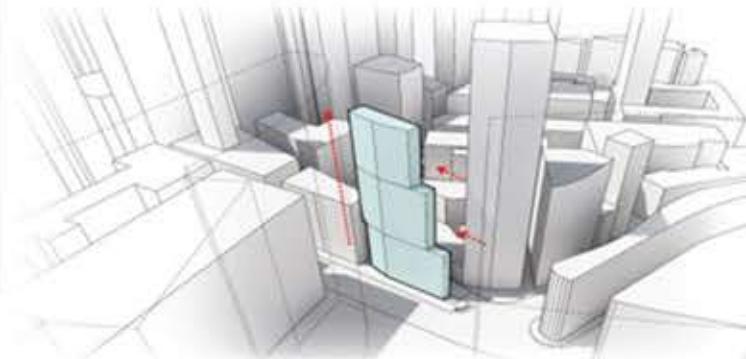
Conceptual Site Layout



SITE PLAN
1:100



Stage 0: Current building volume



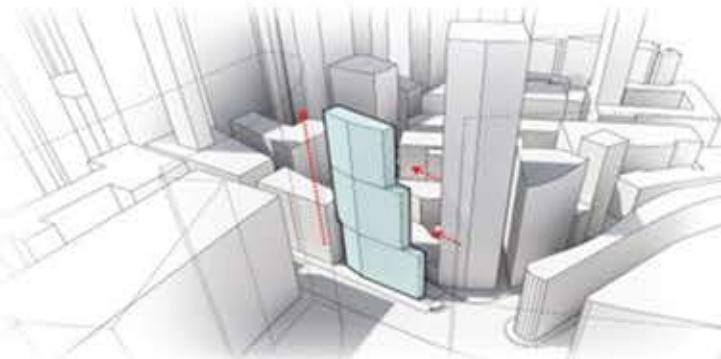
Stage 1: Extrude to the maximum allowed number of stories



Stage 2: Creating a series of set-backs allowed as per the local regulation of the addition of extra stories, in order to make up for the lost GFA"

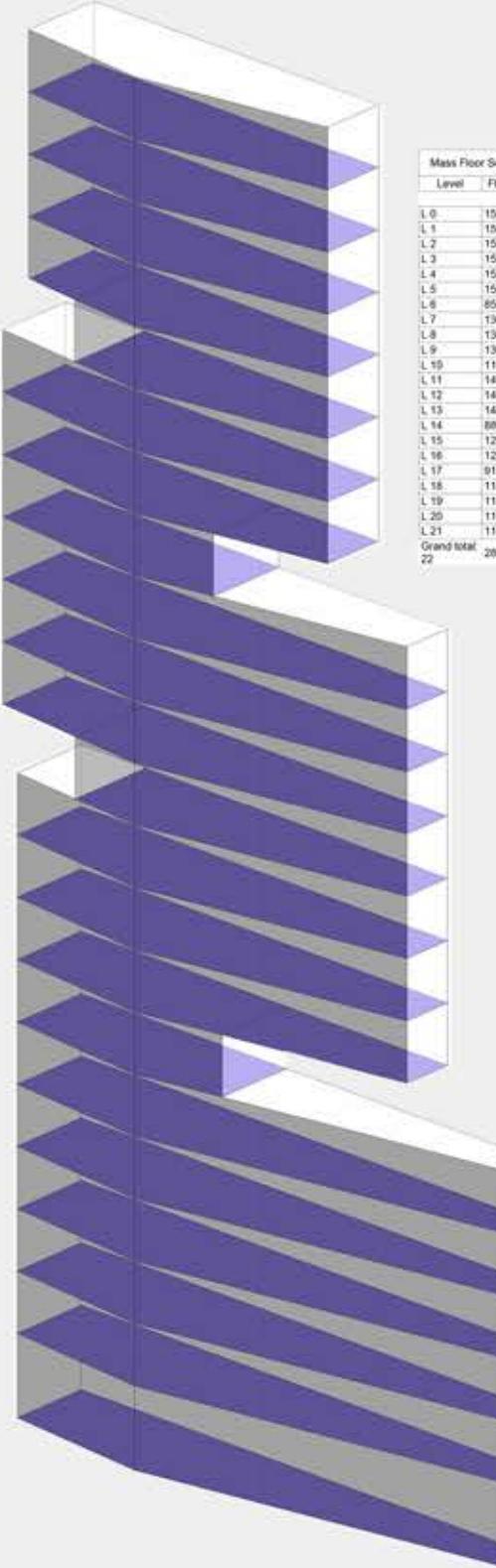
Things to consider :

Client needs a mixed use High-rise building in addition to office areas, Service apartments. Asked to add Some Sky garden and public areas to increase the possibilities and to gain extra storey.

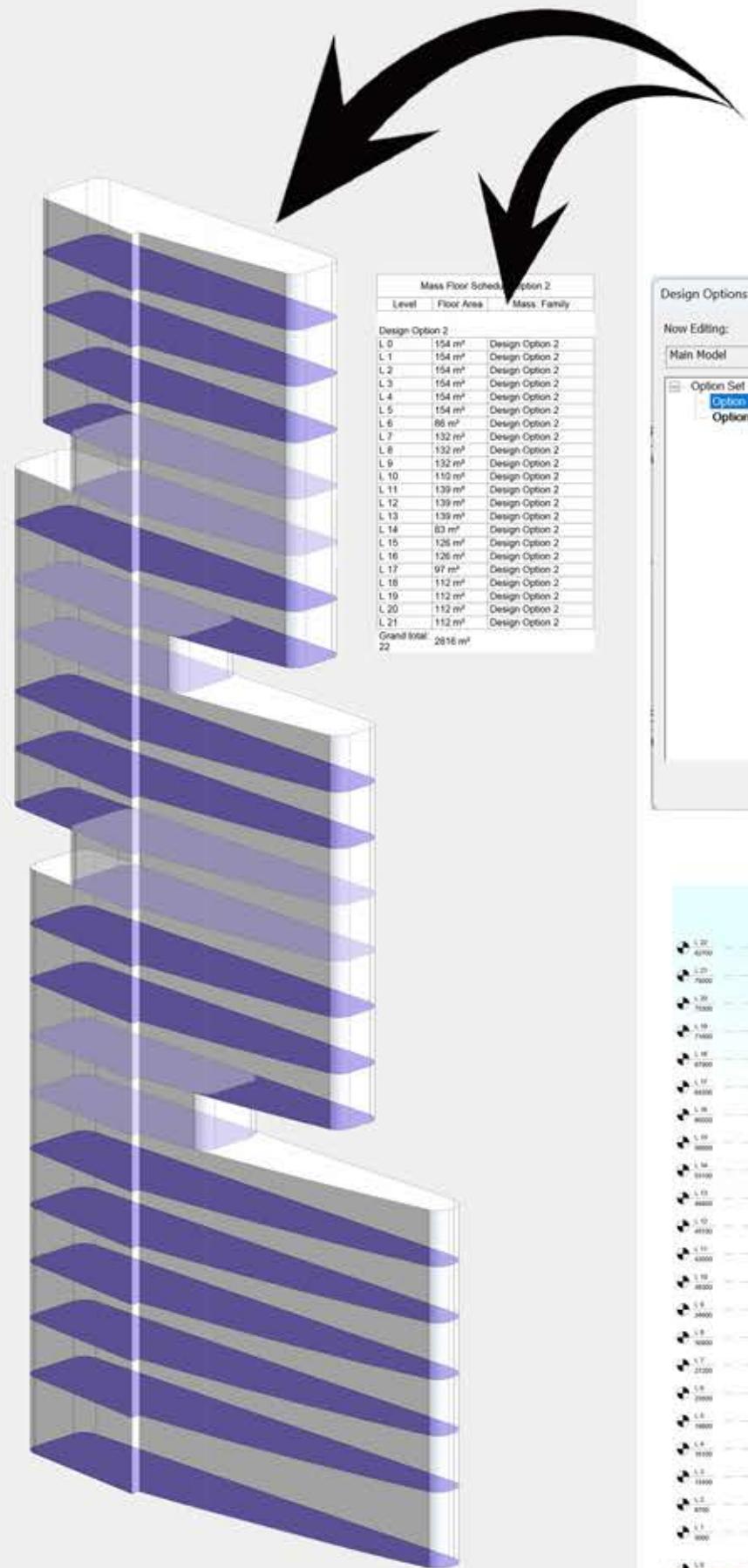


Stage 3: The creation of sky gardens and public spaces, also allows the volume to grow higher recovering GFA, increasing the final number of stories to 21.

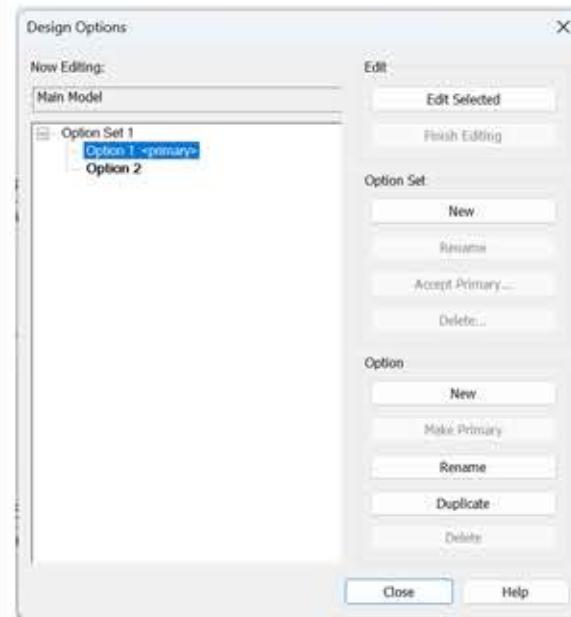
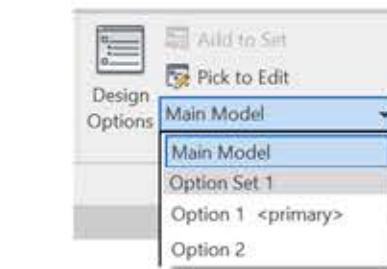
Massing [Enzyme Tower, Hong-Kong].



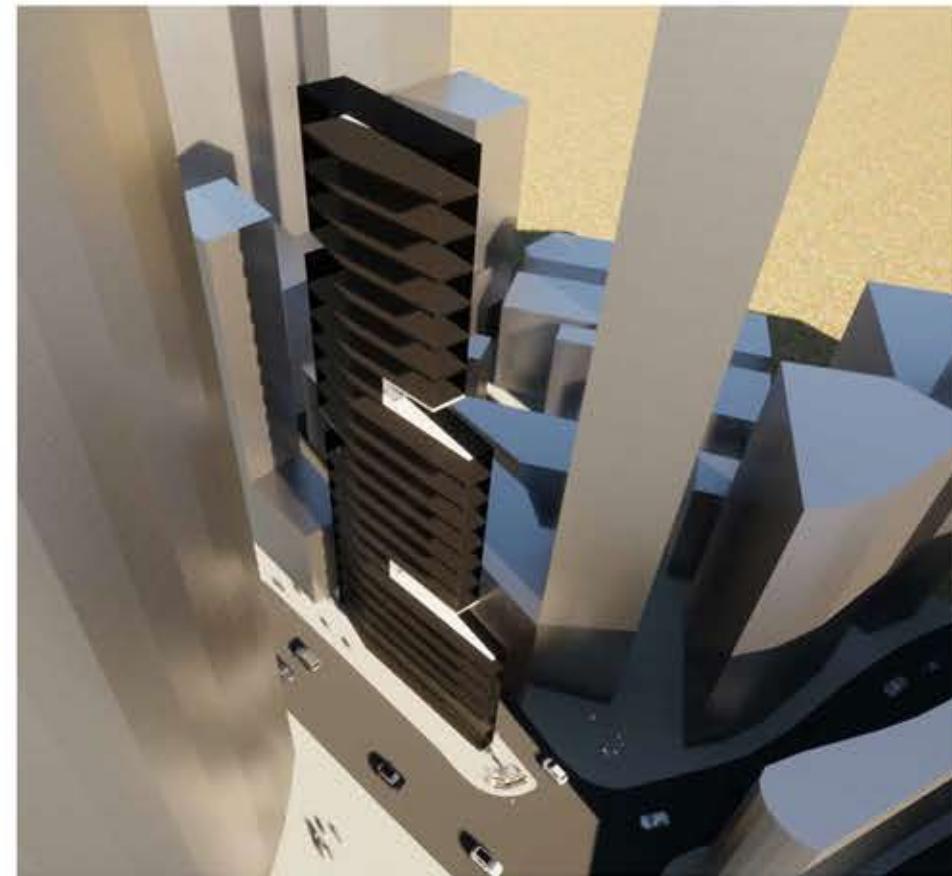
Axonometric OP01



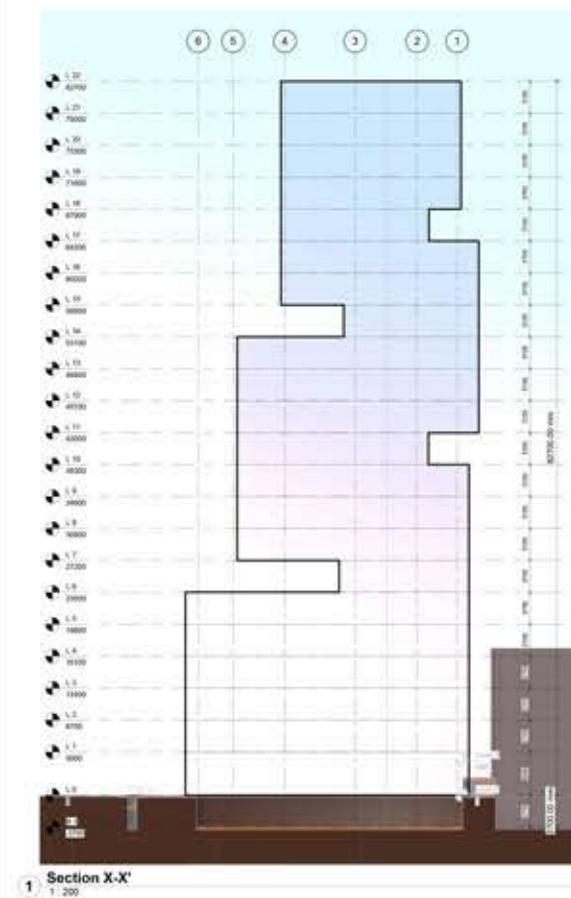
Axonometric OP02



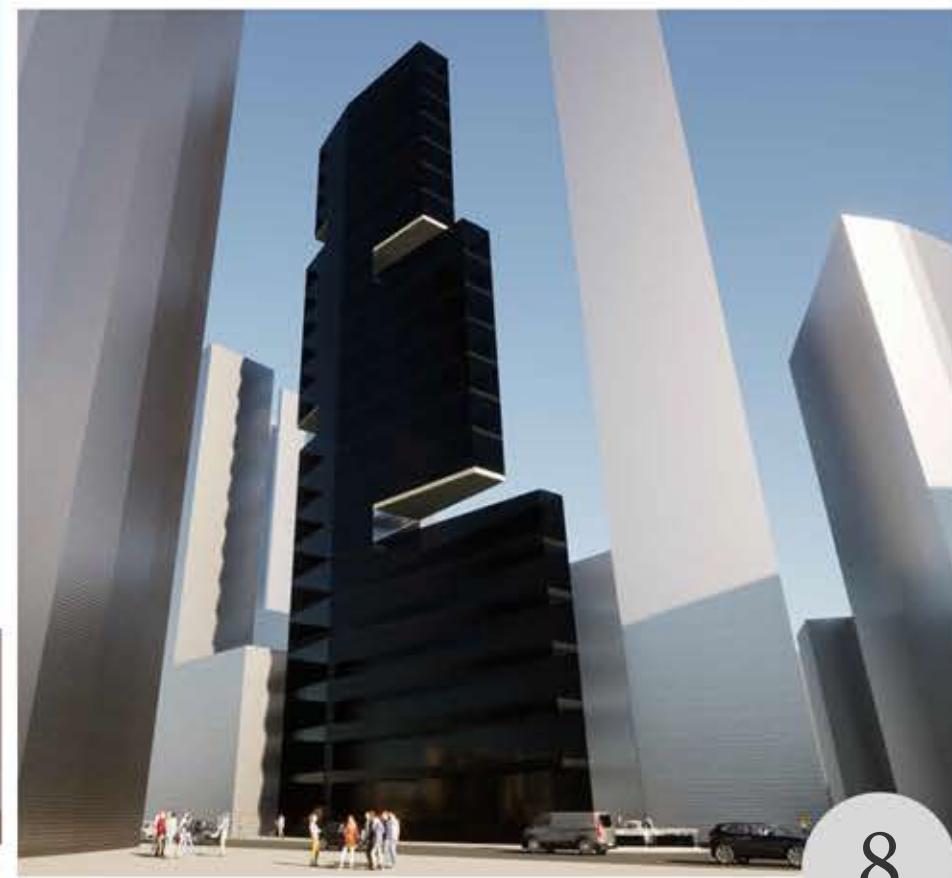
Final Render : Axonometric OP01



Aerial View

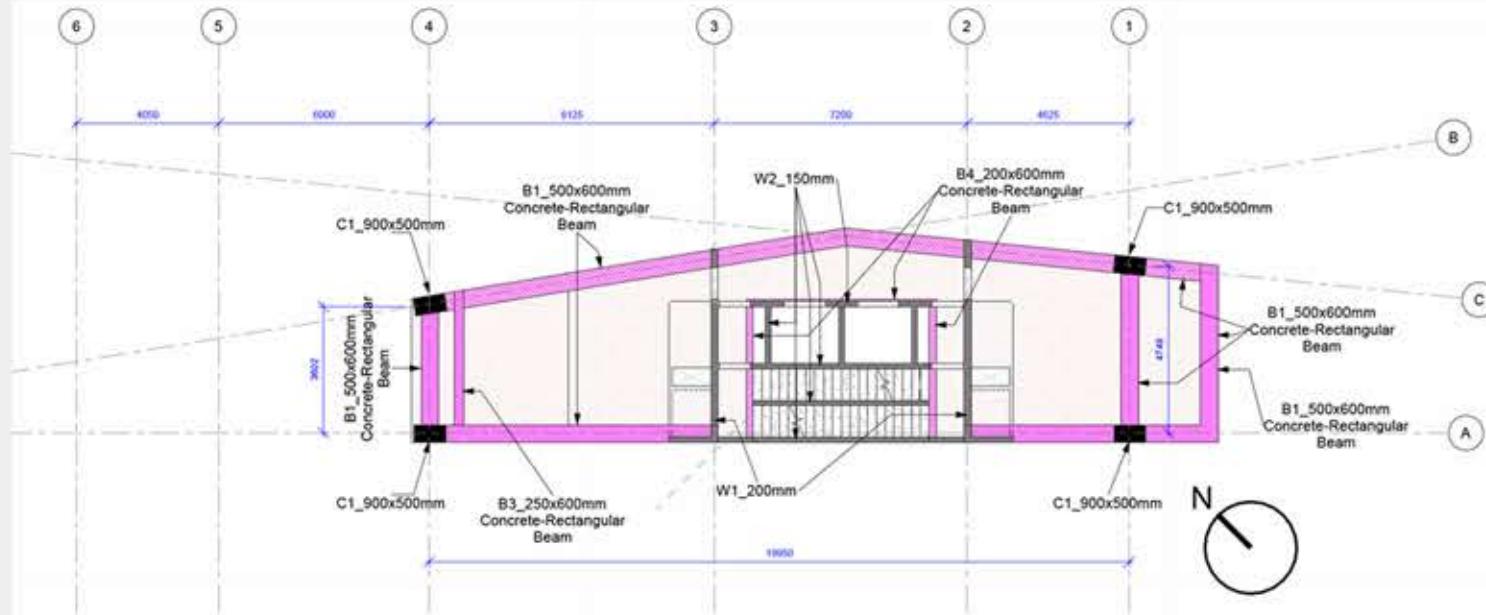


Coceptual Section View

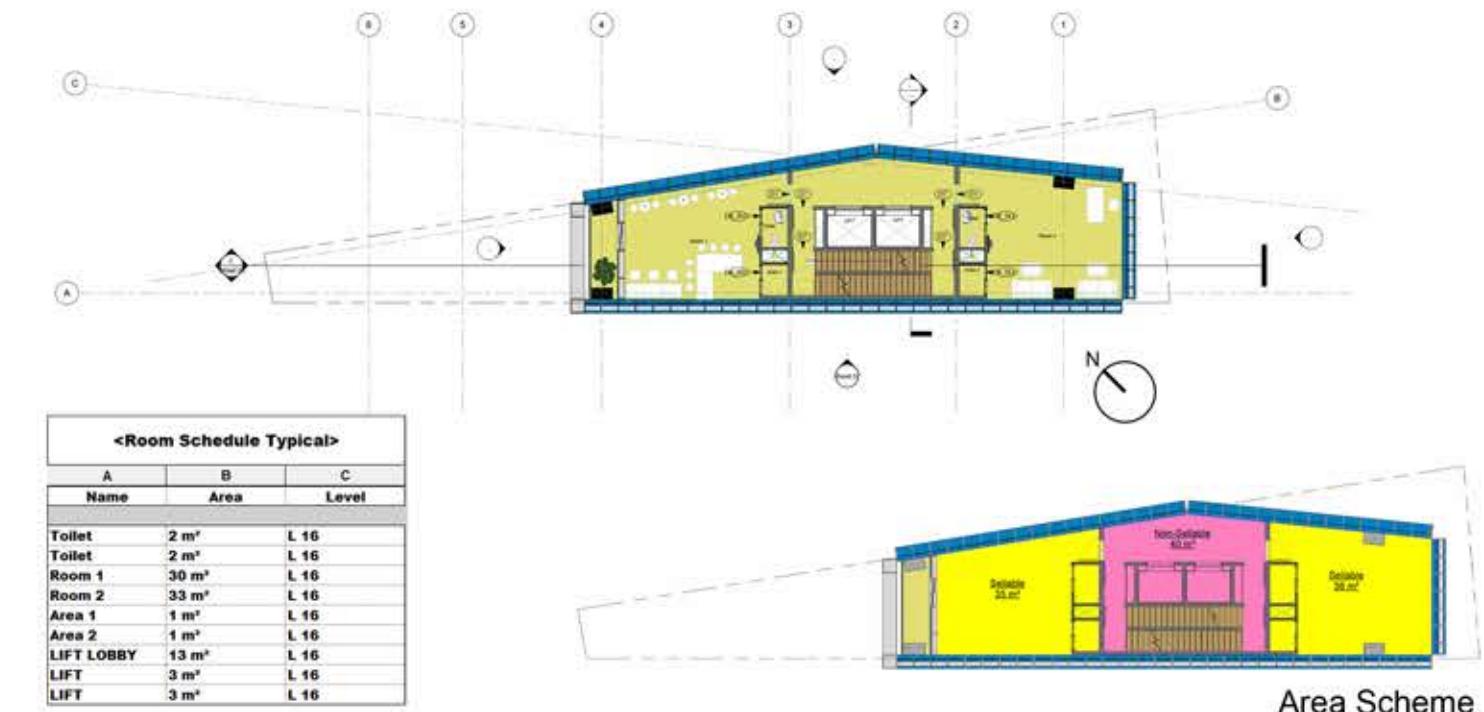


Pedestrian View

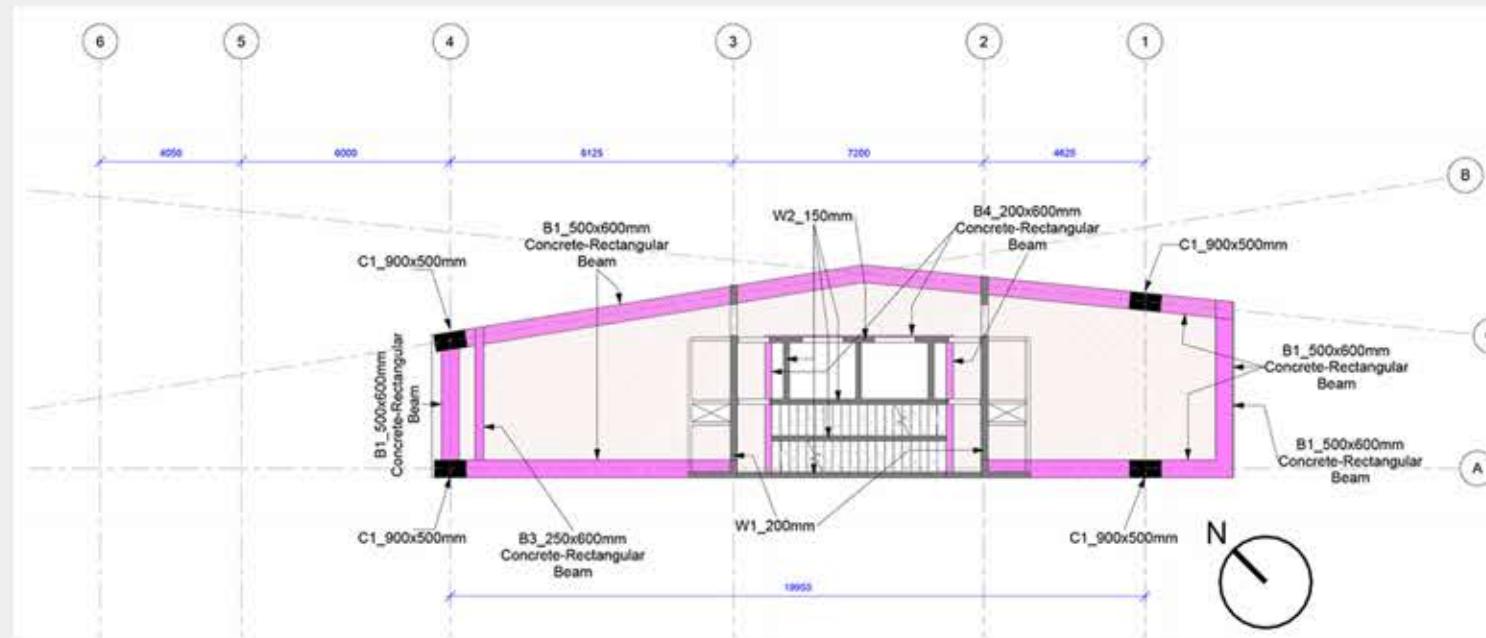
DETAILED DRAWINGS [Enzyme Tower, Hong-Kong].



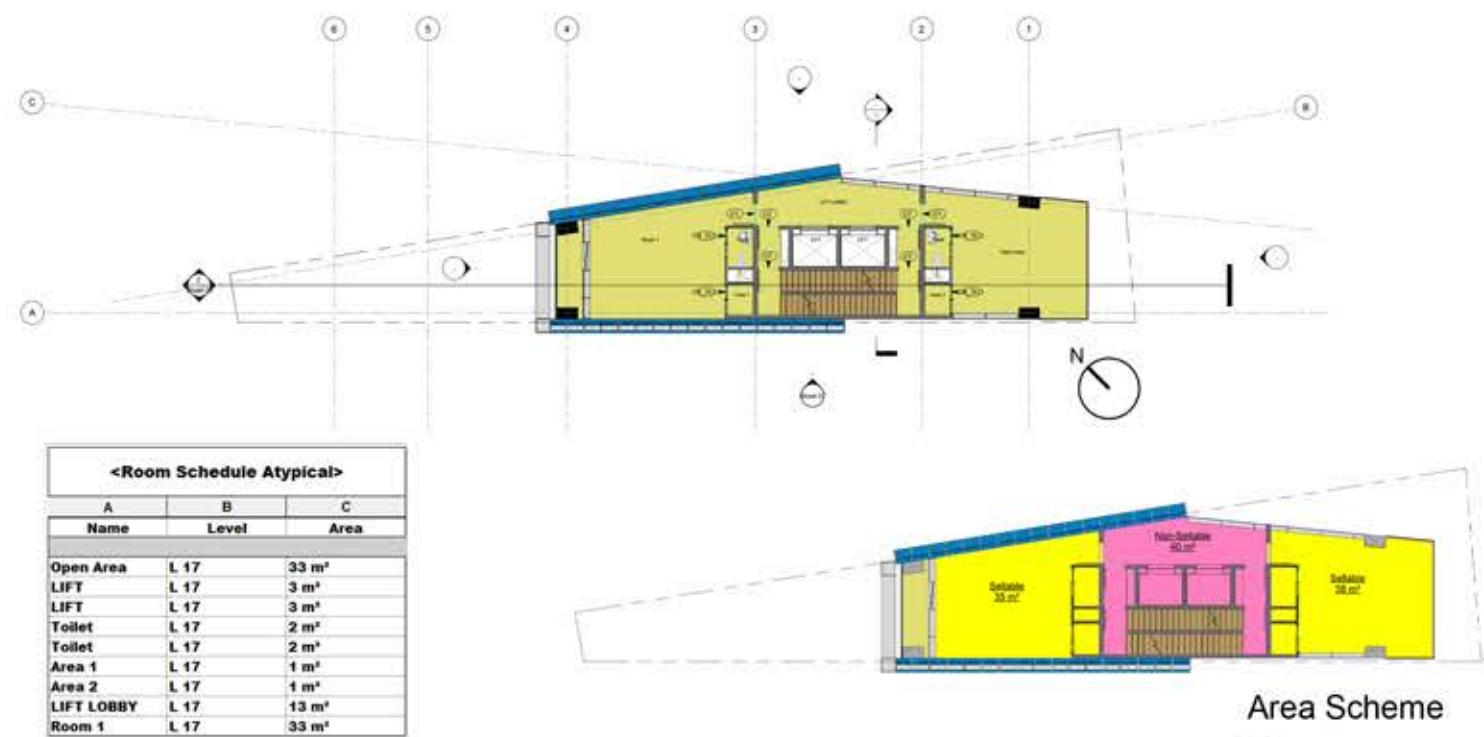
Typical Framing Plan
NTS



Typical Floor & Area Plan
NTS

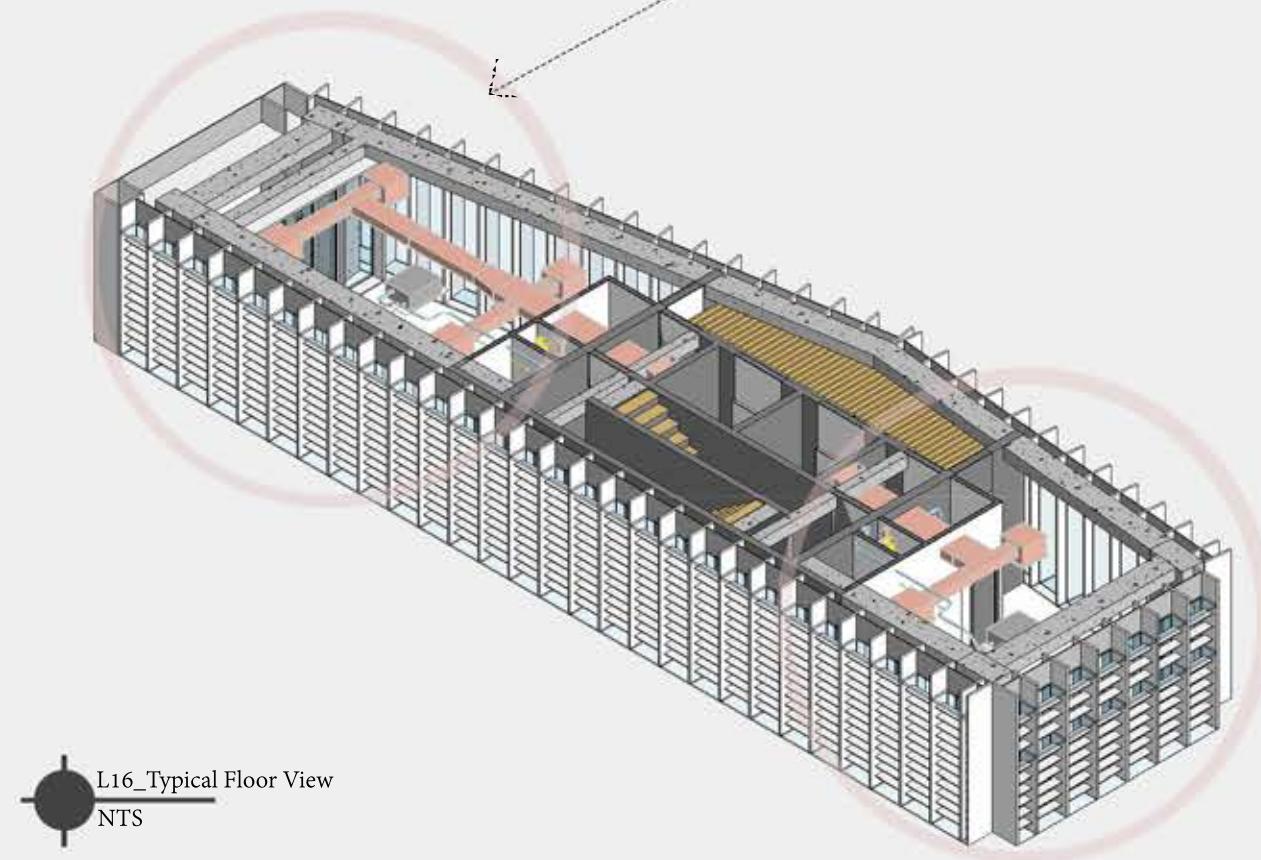


Atypical Framing Plan
NTS



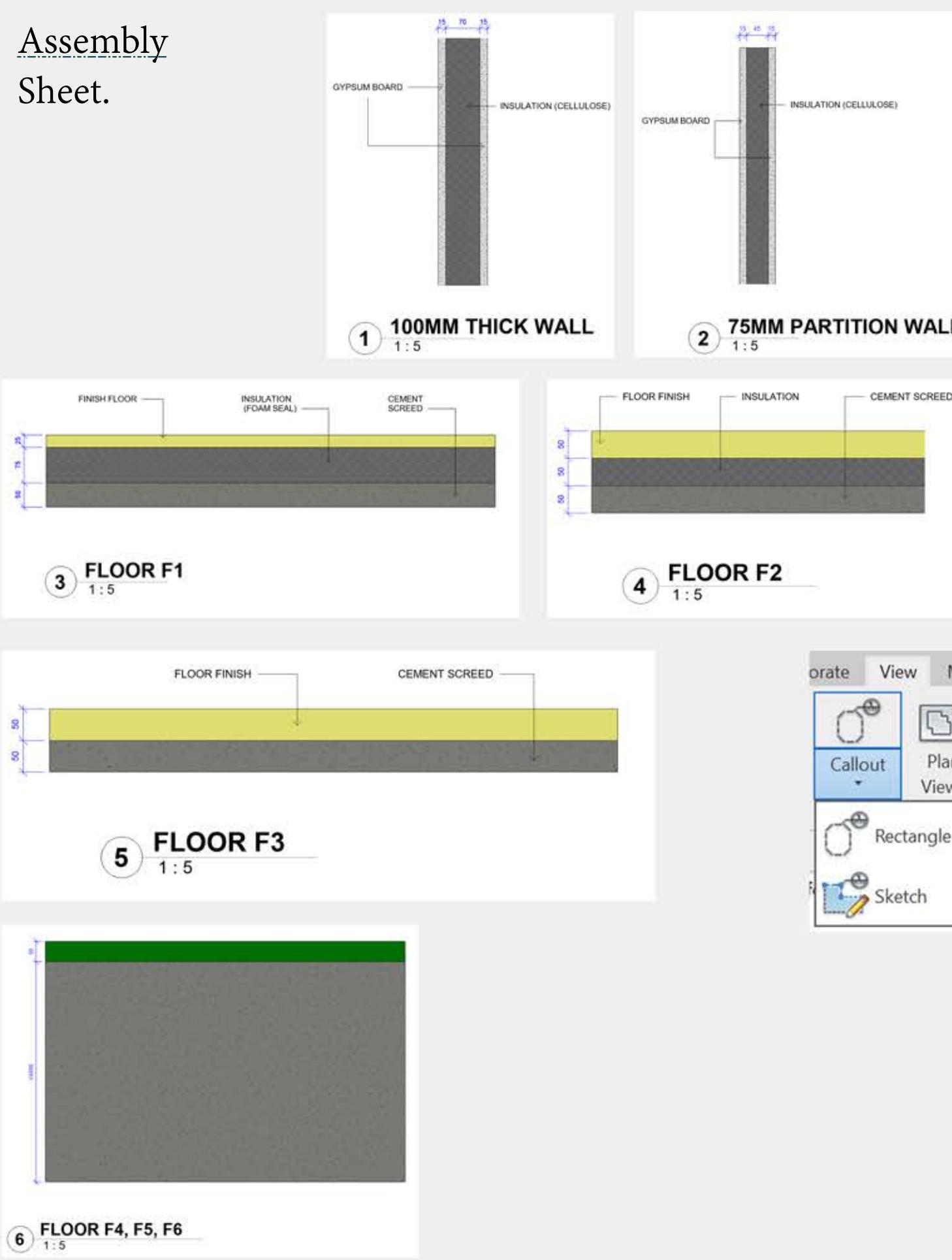
Atypical Floor & Area Plan
NTS

DETAILED DRAWINGS [Enzyme Tower, Hong-Kong].

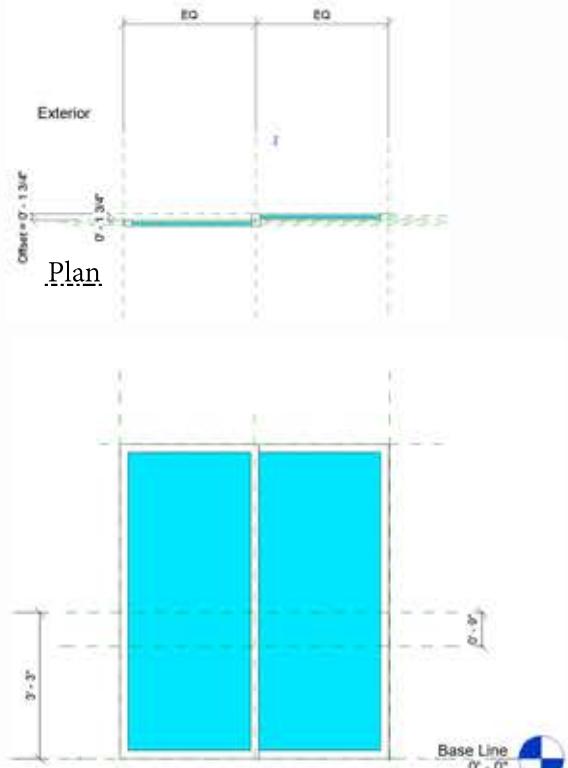


DETAILED DRAWINGS [Enzyme Tower, Hong-Kong].

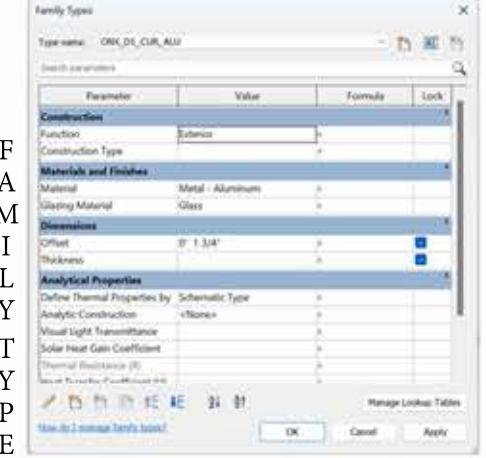
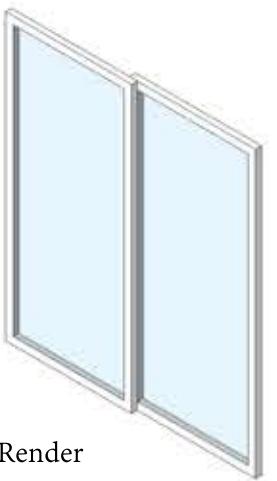
Assembly Sheet.



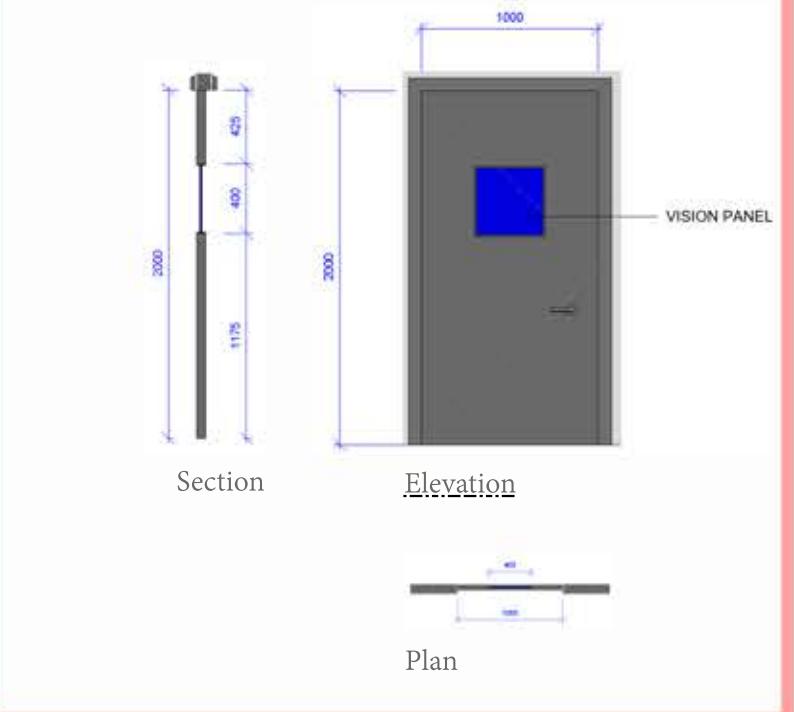
Schedule and Family creation [Enzyme Tower, Hong-Kong].



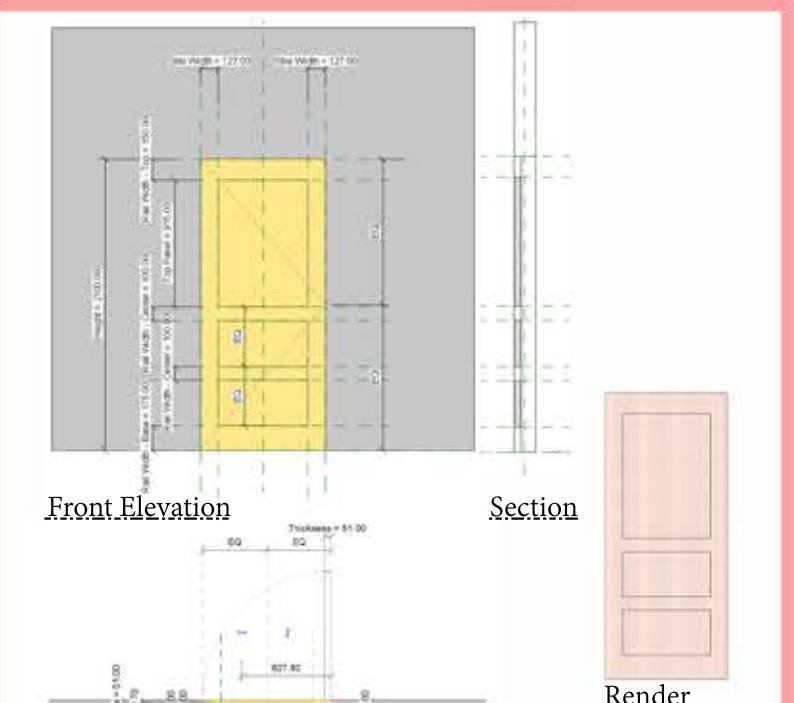
Front Elevation



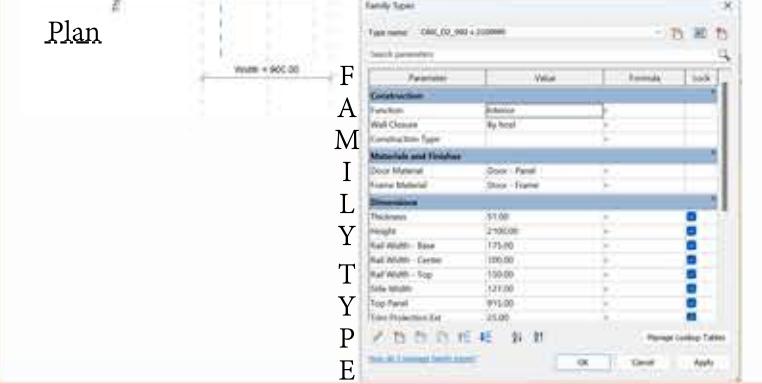
Sliding Door



Fire Door



Plan



Typical_Wooden_Door

<Room Schedule>				
A	B	C	D	E
Number	Level	Name	Area	Perimeter
L 15				
51	L 15	LIFT LOBBY	12.91 m ²	17.30 m
52	L 15	Toilet	1.87 m ²	5.60 m
53	L 15	Toilet	1.87 m ²	5.59 m
54	L 15	Room 2	33.18 m ²	24.82 m
55	L 15	Area 1	1.48 m ²	4.90 m
56	L 15	Area 2	1.48 m ²	4.90 m
57	L 15	Open Area	1.8 m ²	18.41 m
67	L 15	LIFT	3.13 m ²	7.10 m
68	L 15	LIFT	3.13 m ²	7.10 m
			75.24 m ²	
L 16				
10	L 16	Toilet	1.87 m ²	5.60 m
11	L 16	Toilet	1.87 m ²	5.59 m
12	L 16	Room 1	29.87 m ²	23.95 m
14	L 16	Room 2	33.18 m ²	24.82 m
16	L 16	Area 1	1.48 m ²	4.90 m
17	L 16	Area 2	1.48 m ²	4.90 m
18	L 16	LIFT LOBBY	12.91 m ²	17.30 m
33	L 16	LIFT	3.13 m ²	7.10 m
34	L 16	LIFT	3.13 m ²	7.10 m
			88.93 m ²	
L 17				
40	L 17	Open Area	32.54 m ²	24.68 m
42	L 17	LIFT	3.13 m ²	7.10 m
43	L 17	LIFT	3.13 m ²	7.10 m
44	L 17	Toilet	1.87 m ²	5.60 m
45	L 17	Toilet	1.87 m ²	5.60 m
46	L 17	Area 1	1.48 m ²	4.90 m
47	L 17	Area 2	1.48 m ²	4.90 m
49	L 17	LIFT LOBBY	12.54 m ²	17.16 m
57	L 17	Room 1	33.16 m ²	24.23 m
L 18				
58	L 18	Room 1	30.51 m ²	24.30 m
59	L 18	Room 2	22.52 m ²	20.95 m
60	L 18	Toilet	1.87 m ²	5.60 m
61	L 18	Area 2	1.65 m ²	5.17 m
62	L 18	Area 1	1.65 m ²	5.16 m
63	L 18	Toilet	1.87 m ²	5.59 m
64	L 18	LIFT LOBBY	12.91 m ²	17.02 m
65	L 18	LIFT	3.13 m ²	7.10 m
66	L 18	LIFT	3.13 m ²	7.10 m
			79.25 m ²	
L 19				
71	L 19	LIFT	3.13 m ²	7.10 m
72	L 19	LIFT	3.13 m ²	7.10 m
73	L 19	Room 2	22.52 m ²	20.92 m
74	L 19	Room 1	29.87 m ²	24.00 m
75	L 19	LIFT LOBBY	12.91 m ²	17.30 m
76	L 19	Toilet	1.87 m ²	5.60 m
77	L 19	Area 1	1.48 m ²	4.90 m
78	L 19	Area 2	1.48 m ²	4.90 m
79	L 19	Toilet	1.87 m ²	5.60 m
			78.27 m ²	
L 20				
69	L 20	LIFT	3.13 m ²	7.10 m
70	L 20	LIFT	3.13 m ²	7.10 m
80	L 20	Room 1	58.20 m ²	70.75 m
81	L 20	Room 2	22.52 m ²	20.92 m
82	L 20	Area 2	1.48 m ²	4.90 m
83	L 20	Toilet	1.87 m ²	5.60 m
84	L 20	Toilet	1.87 m ²	5.60 m
85	L 20	Area 1	1.48 m ²	4.90 m
86	L 20	LIFT LOBBY	12.91 m ²	17.30 m
			106.60 m ²	
			519.48 m ²	
			Grand total:	
			519.48 m ²	

<Area Schedule (Gross Building)>				
A	B	C	D	
Area	Level	Name	Area	Perimeter
L 15		Area	0 m ²	3 m
			0 m ²	
L 16		Non-Sellable	40 m ²	25 m
L 17		Non-Sellable	40 m ²	25 m
L 18		Non-Sellable	40 m ²	25 m
L 19		Non-Sellable	40 m ²	25 m
L 20		Non-Sellable	40 m ²	25 m
L 21		Non-Sellable	20 m ²	28 m
L 15		Non-Sellable	40 m ²	36 m
			207 m ²	
L 21		Open Terrace	85 m ²	69 m
			85 m ²	
L 16		Sellable	38 m ²	25 m
L 16		Sellable	35 m ²	24 m
L 17		Sellable	38 m ²	25 m
L 17		Sellable	35 m ²	24 m
L 18		Sellable	38 m ²	24 m
L 18		Sellable	35 m ²	24 m
L 19		Sellable	35 m ²	21 m
L 19		Sellable	27 m ²	21 m
L 20		Sellable	35 m ²	24 m
L 20		Sellable	27 m ²	21 m
L 15		Sellable	20 m ²	21 m
			369 m ²	
			741 m ²	
			Grand total:	
			741 m ²	

Room Schedule

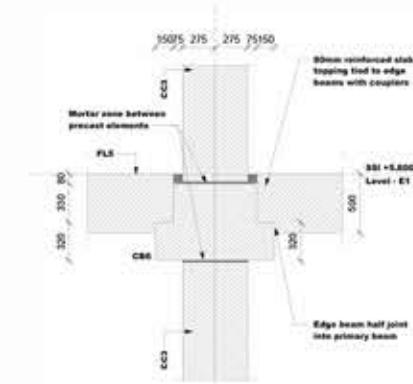
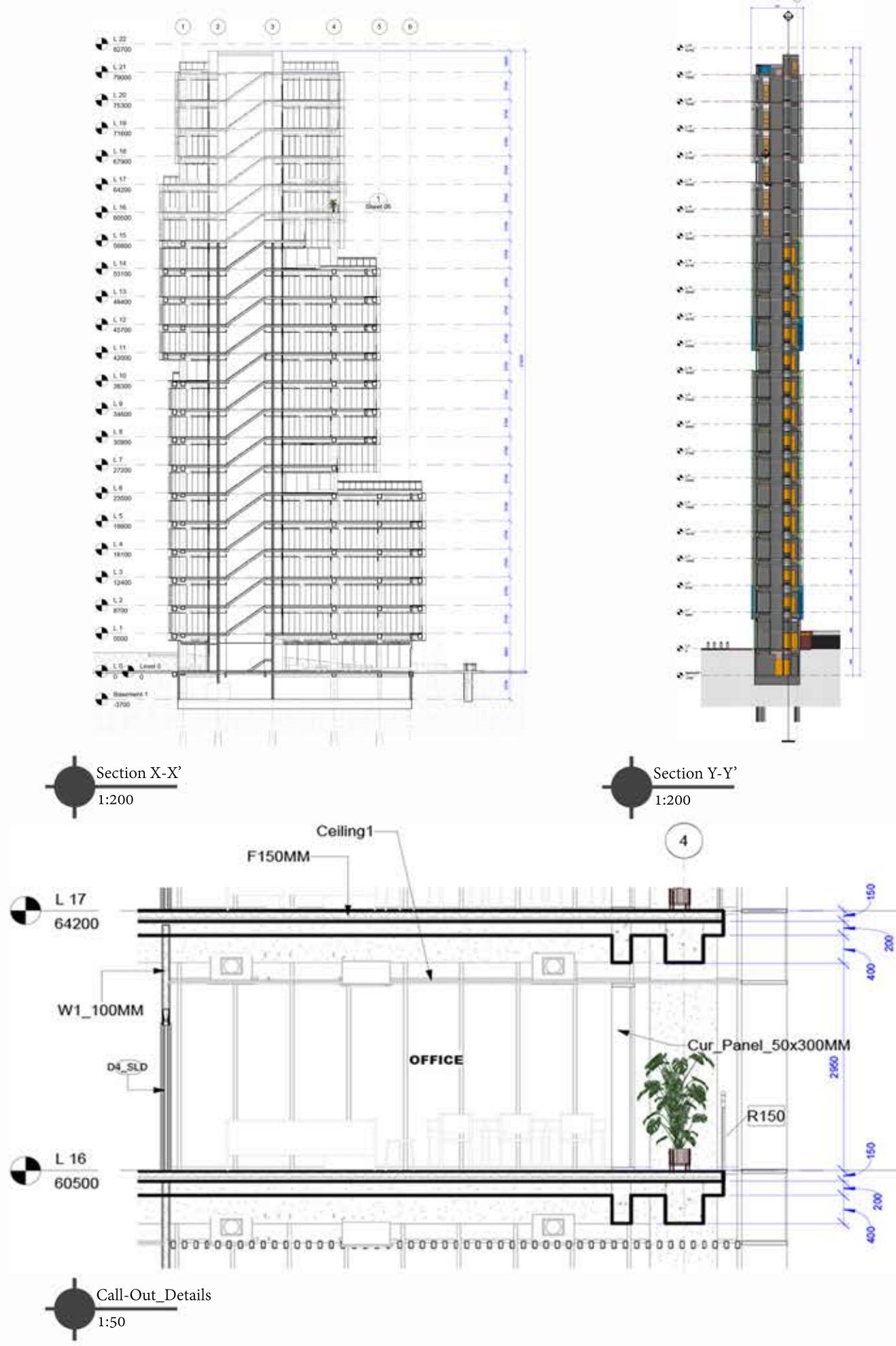
Door Schedule

A	B	C	D	E	F
Level	Family	Family and Type	Height	Width	Count
L 15	ONX_CAP_DOOR_POCKET	ONX_CAP_DOOR_POCKET ONX_D4_586 X 2062MM	2062	586	1
L 15	ONX_CAP_DOOR_POCKET	ONX_CAP_DOOR_POCKET ONX_D4_586 X 2062MM	2062	586	1
L 15	ONX_CAP_DOOR_POCKET	ONX_CAP_DOOR_POCKET ONX_D4_586 X 2062MM	2062	586	1
L 15	ONX_CAP_DOOR_PNL_WOOD	ONX_CAP_DOOR_PNL_WOOD ONX_D1_900 x 2400MM	2400	900	1
L 15	ONX_CAP_DOOR_PNL_WOOD	ONX_CAP_DOOR_PNL_WOOD ONX_D2_900 x 2100MM	2100	900	1
L 15	ONX_CAP_DOOR_PNL_WOOD	ONX_CAP_DOOR_PNL_WOOD ONX_D2_900 x 2100MM	2100	900	1
L 15	ONX_CAP_DOOR_PNL_WOOD	ONX_CAP_DOOR_PNL_WOOD ONX_D2_900 x 2100MM	2100	900	1
L 15	ONX_CAP_ARC_FFR	ONX_CAP_ARC_FFR ONX_D6_1000 x 2000 MM	2000	1000	1

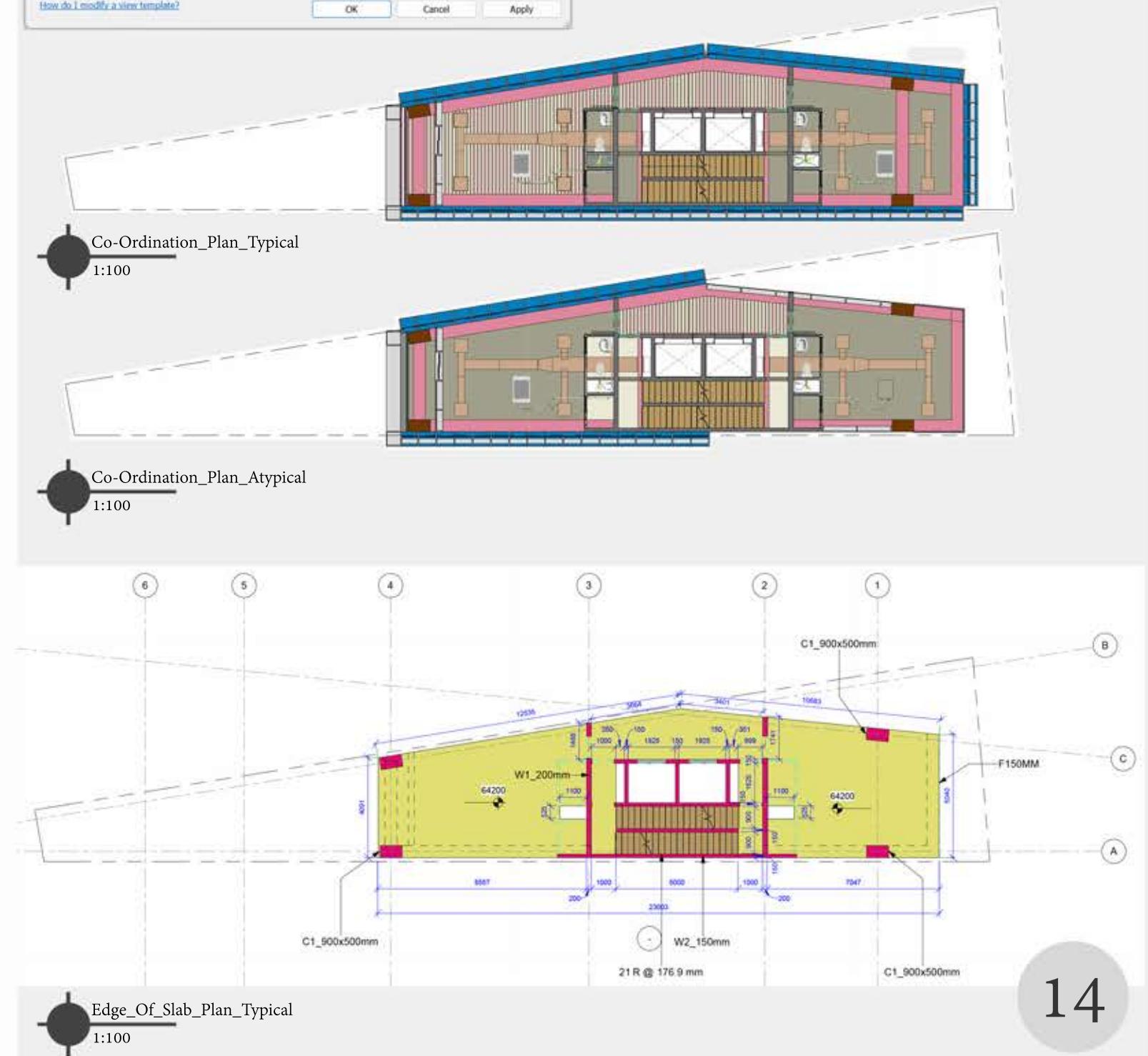
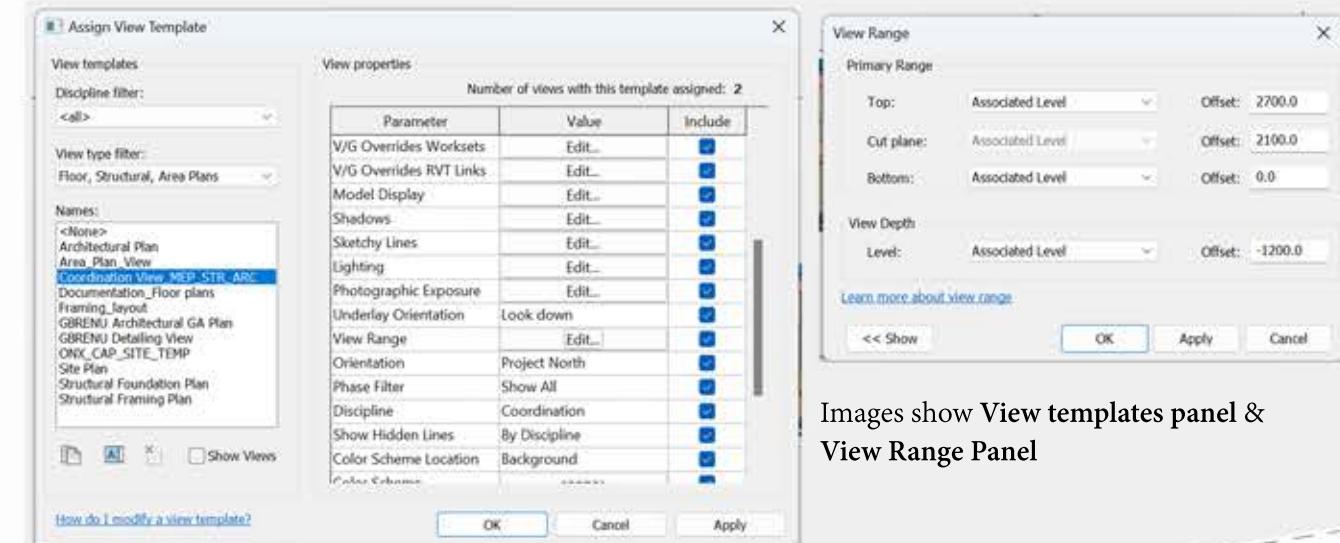
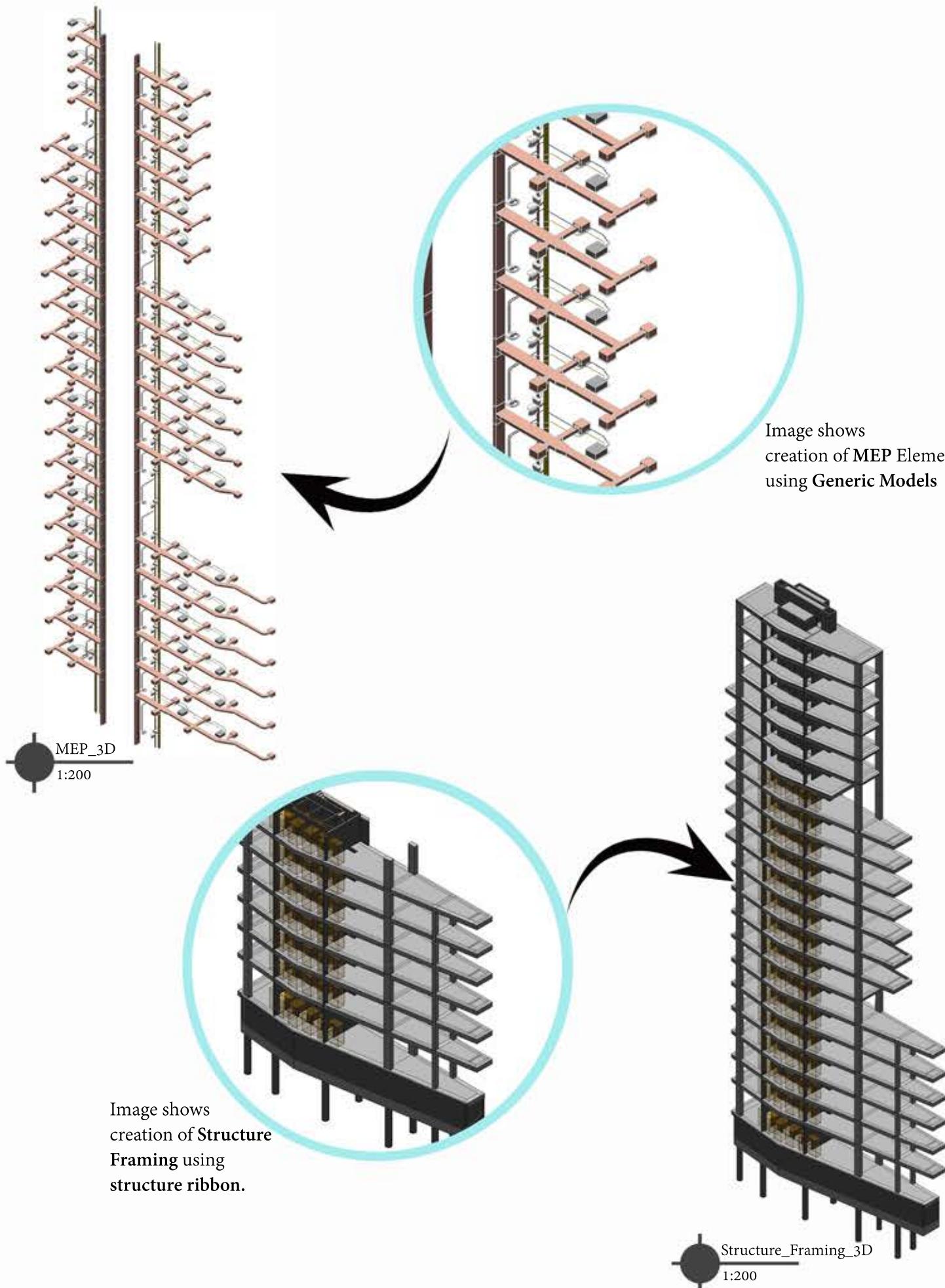
Fields

Schedule Properties				
Fields Filter: Sorting/Grouping Formatting Appearance Embedded Schedule				
Select available fields from:				
Header				

Section_Elevations [Enzyme Tower, Hong-Kong].



Structure_MEP [Enzyme Tower, Hong-Kong].



Navisworks & Primavera [Enzyme Tower, Hong-Kong].

Clash detection & 4D Simulation

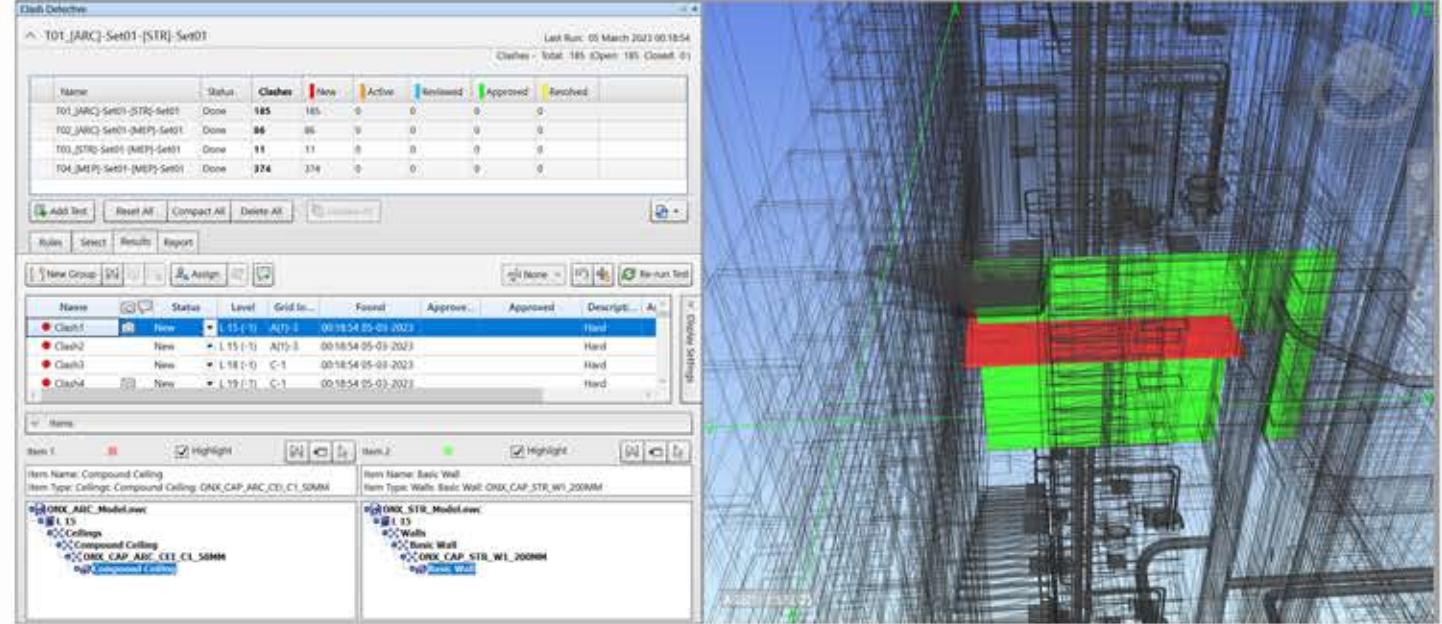
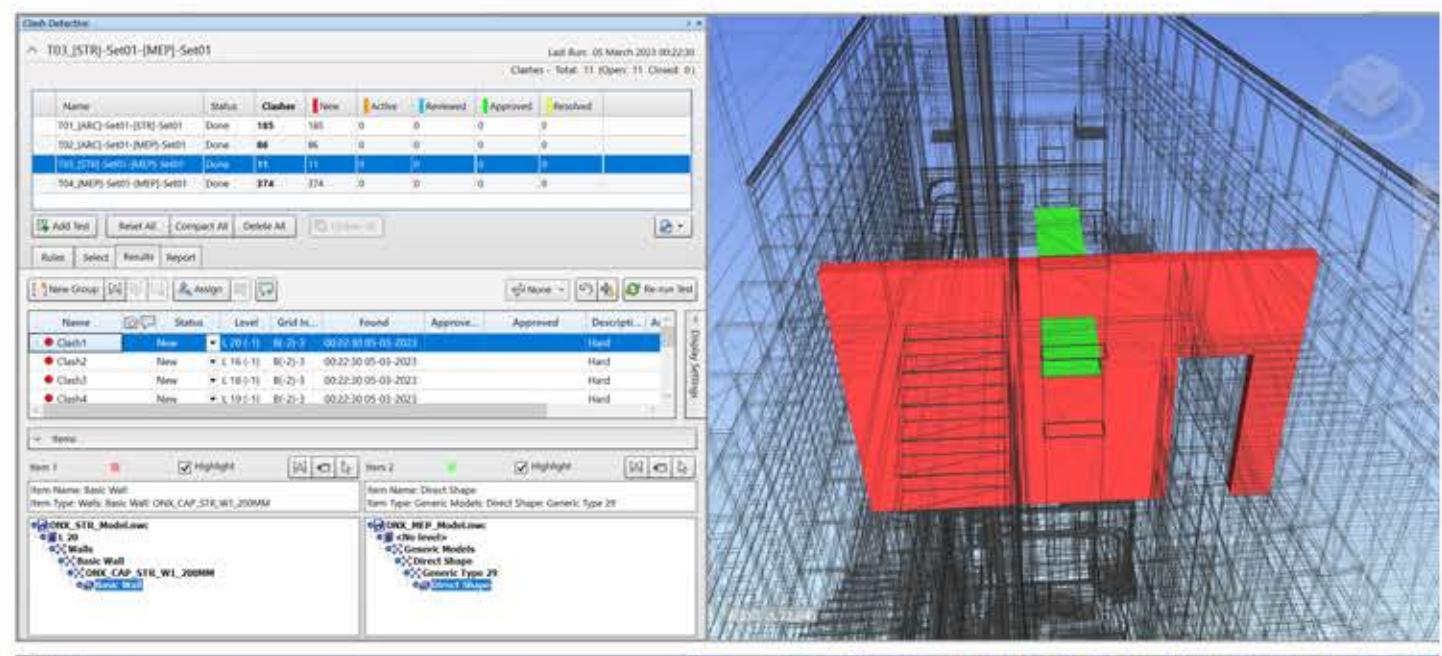
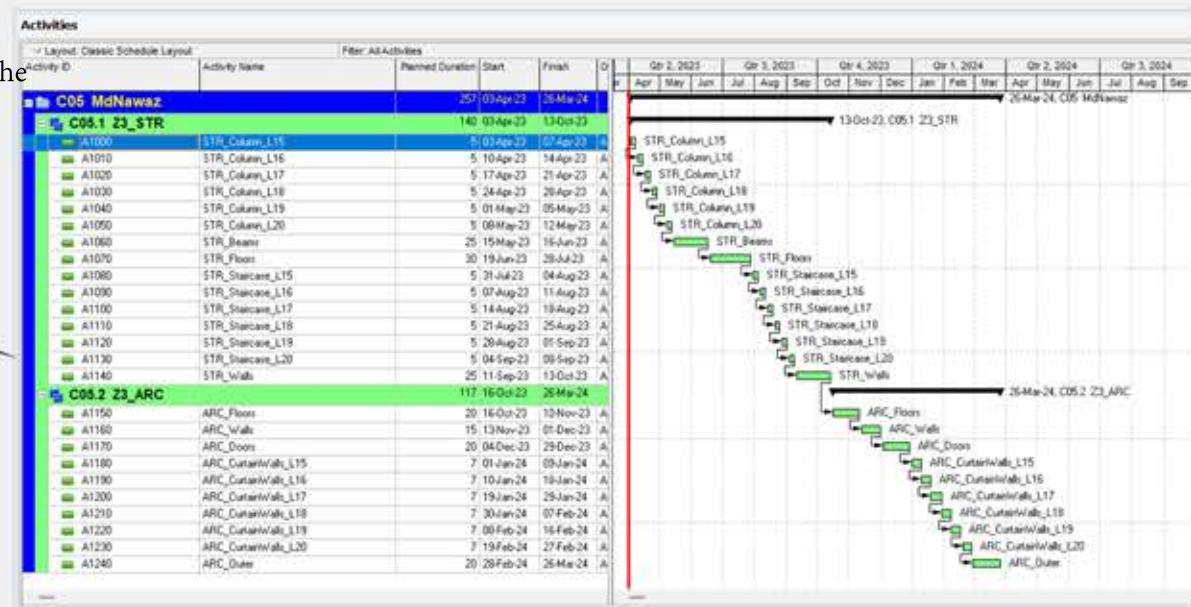


Image	Clash Name	Status	Distance	Grid Location	Description	Date Found	Clash Point	Item 1		Item 2			
								Item ID	Layer Item Name	Item Type	Item ID		
	Clash1	New	-0.853	A-3 : 1.15	Hard	2023/3/6 08:39	x:833828.272, y:816220.880, z:59.450	Element ID: 320250	L15_Gypsum Wall Board	Solid	Element ID: 320250	L15_Metal Stud Layer	Solid
	Clash2	New	-0.350	A-2 : 1.16	Hard	2023/3/6 08:39	x:833834.732, y:816215.180, z:53.600	Element ID: 344767	L16_Default Wall	Solid	Element ID: 344767	L17_Concrete, Cast-in-Place gray	Solid
	Clash3	New	-0.350	A-3 : 1.20	Hard	2023/3/6 08:39	x:833827.680, y:816221.870, z:78.800	Element ID: 900978	L20_Default Wall	Solid	Element ID: 346521	L21_Concrete, Cast-in-Place gray	Solid
	Clash4	New	-0.350	A-3 : 1.19	Hard	2023/3/6 08:39	x:833827.680, y:816221.870, z:75.100	Element ID: 897000	L19_Default Wall	Solid	Element ID: 346446	L20_Concrete, Cast-in-Place gray	Solid
	Clash5	New	-0.350	A-3 : 1.18	Hard	2023/3/6 08:39	x:833827.680, y:816221.870, z:71.400	Element ID: 899042	L18_Default Wall	Solid	Element ID: 346369	L19_Concrete, Cast-in-Place gray	Solid
	Clash6	New	-0.350	A-3 : 1.17	Hard	2023/3/6 08:39	x:833827.680, y:816221.870, z:67.700	Element ID: 846136	L17_Default Wall	Solid	Element ID: 345529	L18_Concrete, Cast-in-Place gray	Solid

Image shows Primavera Window for scheduling the time plan for the tasks.



Primavera file exported to Excel to convert it to .XML format to be imported in Navisworks as DATA SOURCE.

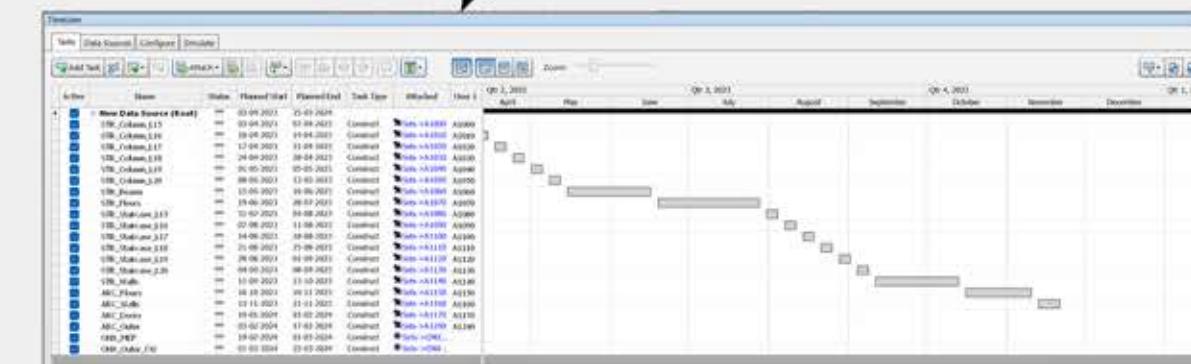
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S No. Activity ID Activity Status WBS Code Activity Name (*Start (*Finish ONX_40_MdNawaz Task Type
1 A1000 Not Started C05.1 STR_Column_L15 03-04-2023 08:00 07-04-2023 16:00 A1000 Construct
2 A1010 Not Started C05.1 STR_Column_L16 10-04-2023 08:00 14-04-2023 16:00 A1010 Construct
3 A1020 Not Started C05.1 STR_Column_L17 17-04-2023 08:00 21-04-2023 16:00 A1020 Construct
4 A1030 Not Started C05.1 STR_Column_L18 24-04-2023 08:00 28-04-2023 16:00 A1030 Construct
5 A1040 Not Started C05.1 STR_Column_L19 01-05-2023 08:00 05-05-2023 16:00 A1040 Construct
6 A1050 Not Started C05.1 STR_Column_L20 08-05-2023 08:00 12-05-2023 16:00 A1050 Construct
7 A1060 Not Started C05.1 STR_Beams 15-05-2023 08:00 16-05-2023 16:00 A1060 Construct
8 A1070 Not Started C05.1 STR_Floors 19-06-2023 08:00 28-07-2023 16:00 A1070 Construct
9 A1080 Not Started C05.1 STR_Staircase_L15 31-07-2023 08:00 04-08-2023 16:00 A1080 Construct
10 A1090 Not Started C05.1 STR_Staircase_L16 07-08-2023 08:00 11-08-2023 16:00 A1090 Construct
11 A1100 Not Started C05.1 STR_Staircase_L17 14-08-2023 08:00 18-08-2023 16:00 A1100 Construct
12 A1110 Not Started C05.1 STR_Staircase_L18 21-08-2023 08:00 25-08-2023 16:00 A1110 Construct
13 A1120 Not Started C05.1 STR_Staircase_L19 28-08-2023 08:00 01-09-2023 16:00 A1120 Construct
14 A1130 Not Started C05.1 STR_Staircase_L20 04-09-2023 08:00 09-09-2023 16:00 A1130 Construct
15 A1140 Not Started C05.1 STR_Walls 11-09-2023 08:00 13-10-2023 16:00 A1140 Construct
16 A1150 Not Started C05.2 ARC_Floor 16-10-2023 08:00 10-11-2023 16:00 A1150 Construct
17 A1160 Not Started C05.2 ARC_Walls 13-11-2023 08:00 21-11-2023 16:00 A1160 Construct
18 A1170 Not Started C05.2 ARC_Doors 19-01-2024 08:00 01-02-2024 16:00 A1170 Construct
19 A1240 Not Started C05.2 ARC_Door 15-03-2024 08:00 26-03-2024 16:00 A1240 Construct

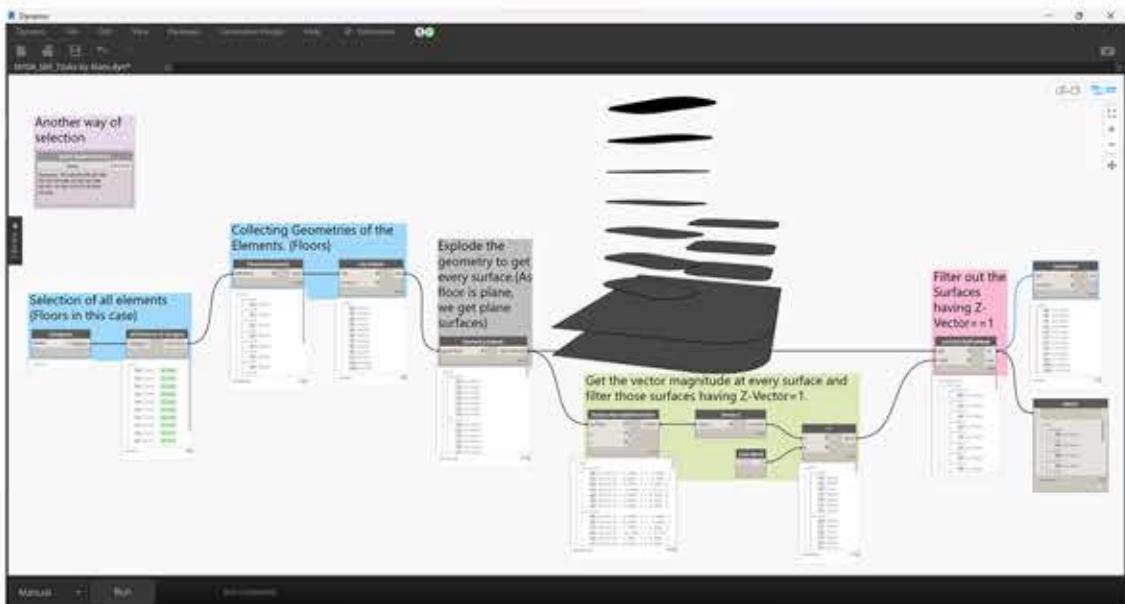
```

HTML file for importing search sets all at once, which is to be attached to the respected task.

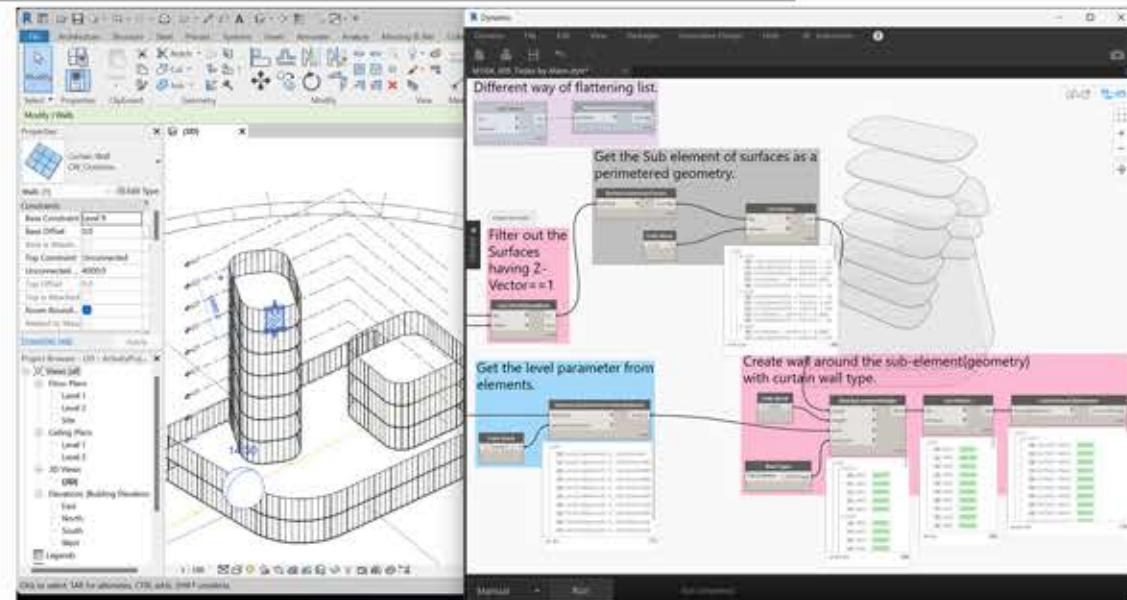
Image shows Timeliner Window in Navis works for SIMULATION.



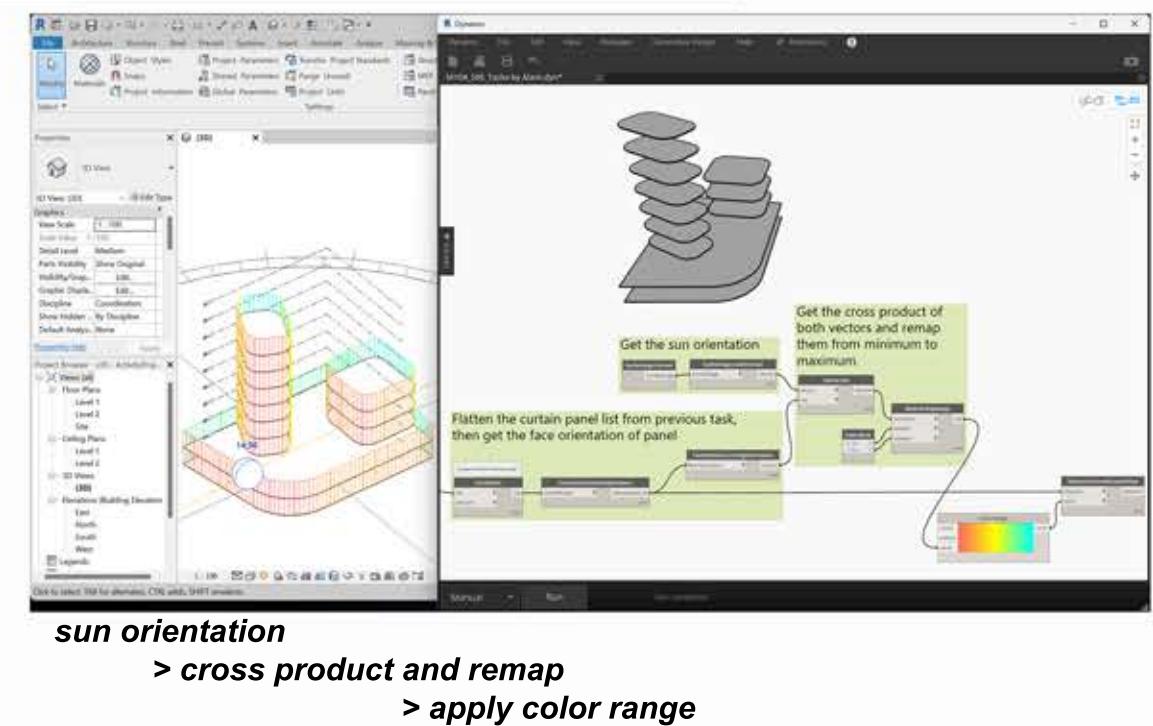
Dynamo [Learning Phase].



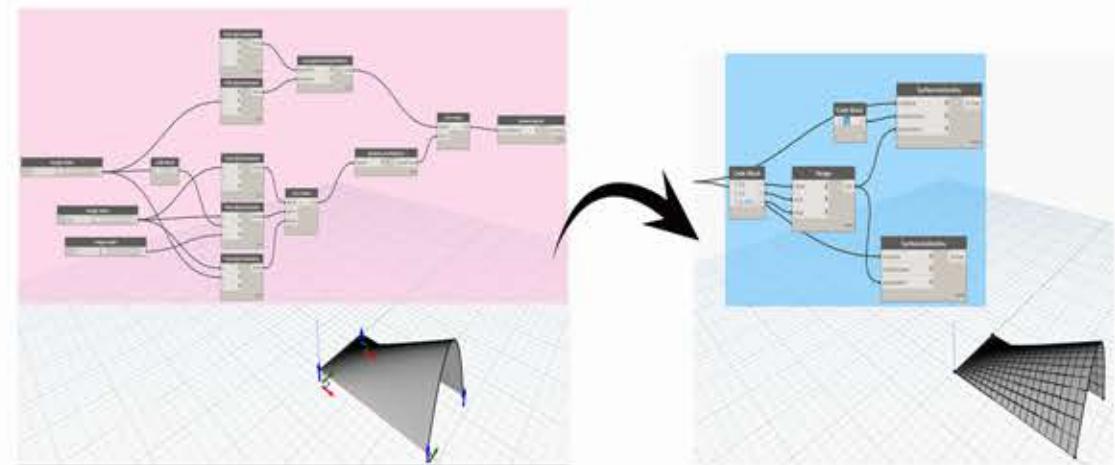
**Select surfaces
> filter surface's Z=1**



**select surface
perimeter's geometry
> create curtain
wall system**

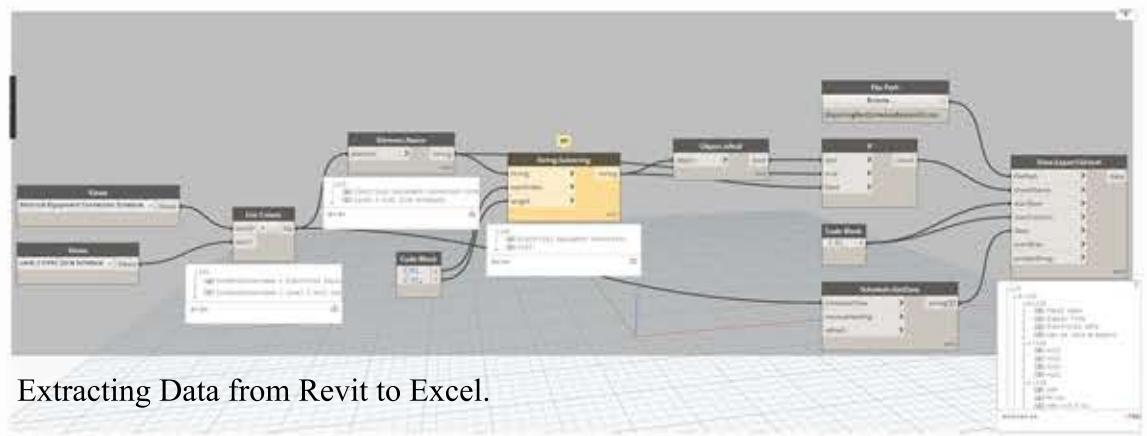


**sun orientation
> cross product and remap
> apply color range**

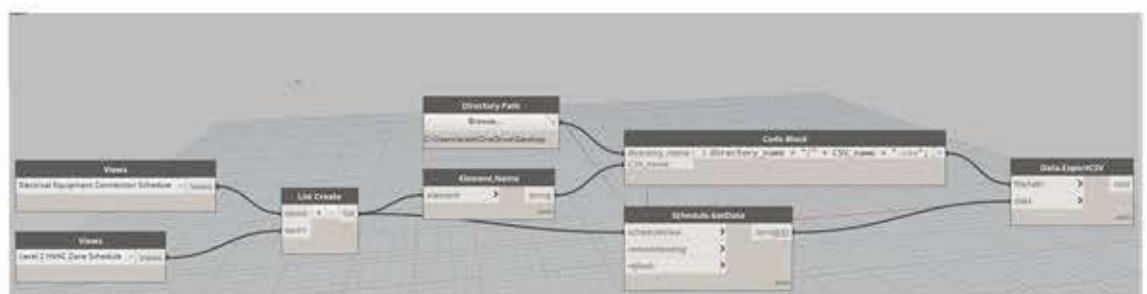


Creating a complex surface

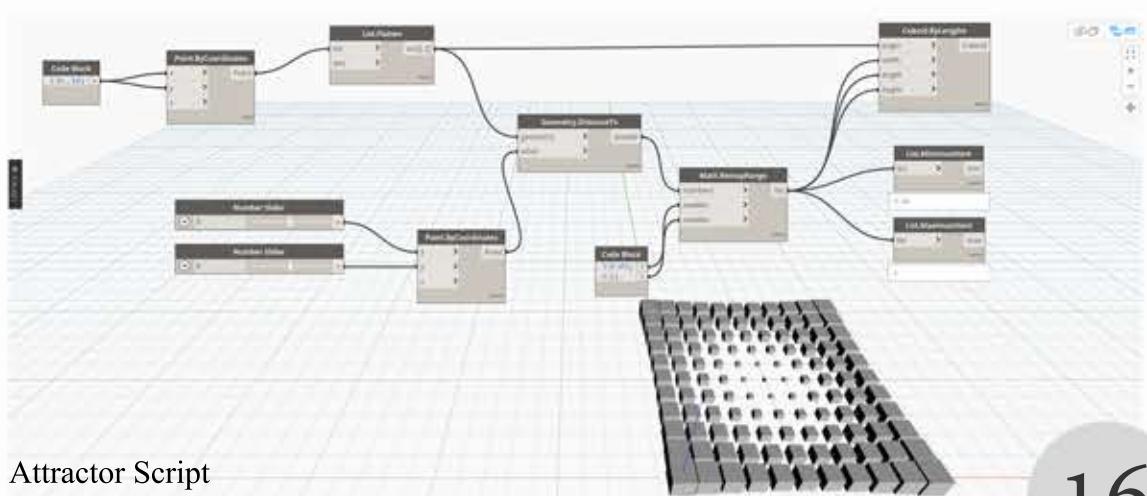
Tessellating the surface



Extracting Data from Revit to Excel.



Extracting data from Revit to CSV.



Attractor Script

Thank you for your time to
view my portfolio

NAWAZ ALAM KHAN

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New Delhi, india.

