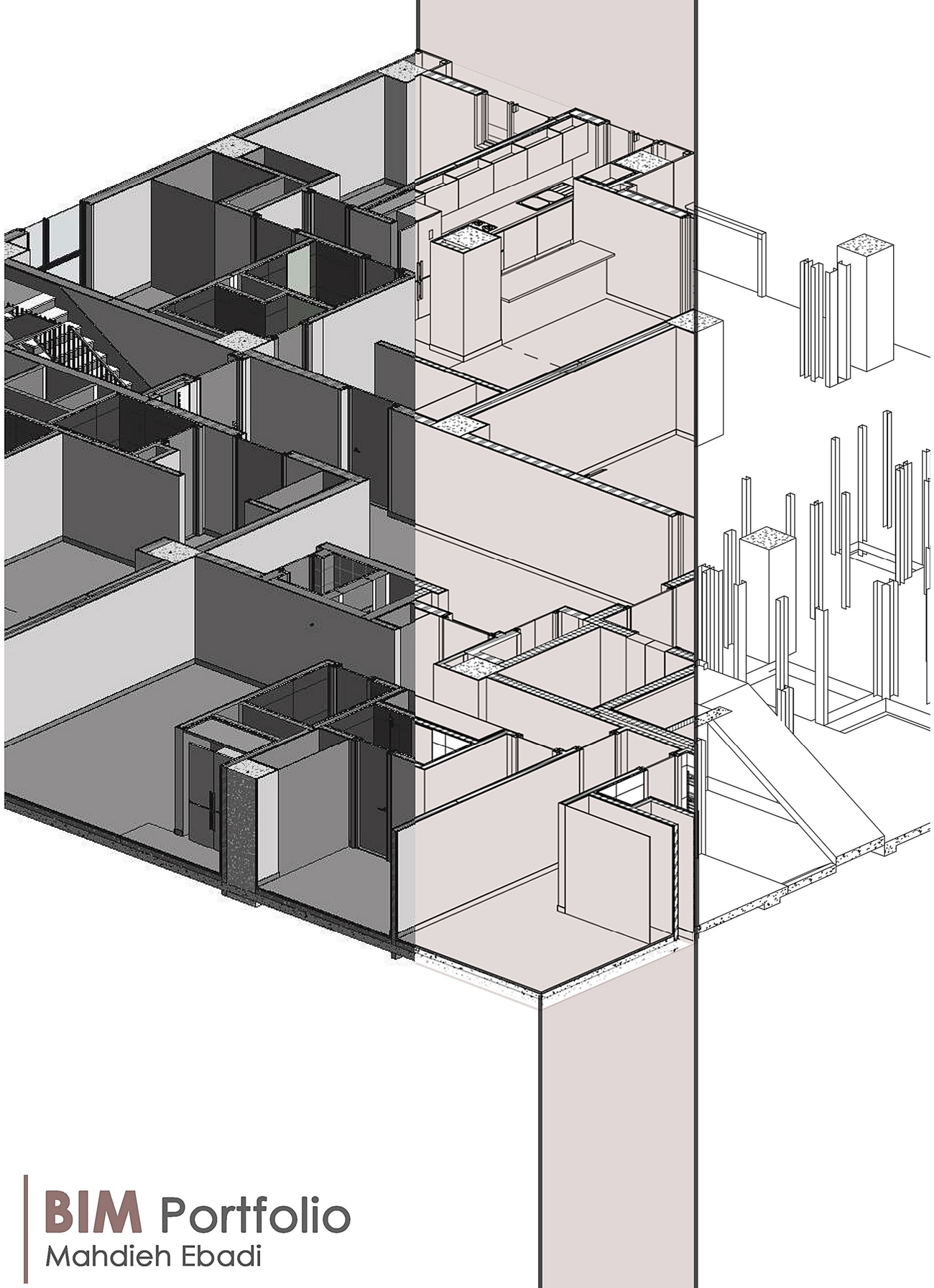


BIM Portfolio

Mahdieh Ebadi

BIM Modeler

Name	Mahdieh Ebadi
Date of Birth	16JULY1995



Profile

BIM modeler with over three years of experience in detailed architectural modeling and drafting. Skilled in producing accurate construction documentation and bIM models for office, Hospital, Residential, Recreational, and Automotive projects. Experienced in multidisciplinary teamwork with structural and mEP engineers and international collaboration with teams in Kuwait. Highly detail-oriented and committed to precision and quality in every stage of the drafting process.

Skills

BIM & CAD:

- Autodesk Revit (architectural modeling and coordination)
- AutoCAD
- Navisworks
- Dynamo
- MEP (modeling and coordination)

Visualization & Documentation:

- Architectural rendering
- Adobe Photoshop
- Microsoft Word
- Microsoft Excel

Education

Master of urban management
Pars University of art and architecture, Tehran, Iran
2018 – 2021

Bachelor of architecture
Islamic azad university, Tehran, Iran
2014 – 2018

High school diploma in mathematics and physics
Tehran, Iran
Graduated 2014

Workshop

IAAC Archiprint workshop
Global summer school
Tehran
2025

Work Experience

BIM MODELER:

- Prepared detailed construction documentation for tender and site execution.
- Coordinated architectural models with structural and MEP disciplines.
- Developed BIM models for residential and mixed-use building projects.
- Assisted with clash detection and coordination among architectural, structural And MEP Models.
- Supported the design team with 3D visualization and technical drawings.

AL-RAI Auto center
Kuwait — 2025

KNG Building andfacilities
Complex concrete car park — 2023
Kuwait

2024 — Khotout Architectural Group
Saman faraz
Tehran

2022 — Khotout Architectural Group
Eskan
Tehran

Architectural Draftsperson:

- Produced detailed facade and shop drawings for dry brick systems.
- Prepared plans, sections, and elevations for architectural projects.
- Collaborated with site and design teams to ensure constructability and accuracy.

Amirkabir University of Technology
Architectural Rendering — 2021
Tehran

2020 — Company Jourchin
Architectural Draftsperson
(Dry brick faca)
Tehran

Volunteer:

- Supported activities related to urban management and municipal cooperation

Asian Mayors Forum(AMF)
Researcher — 2019
Tehran

Languages

English &Farsi

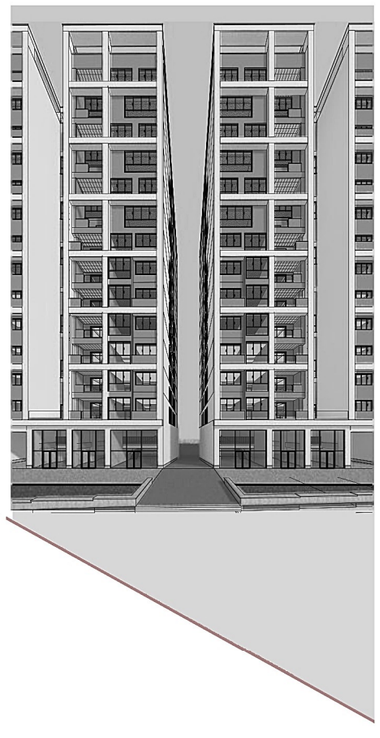
Interests

- Handmade tile design
- 3D Printing ceramic
- Photography
- Volleyball

Contact:

- Mahdiehebadi_arch
- Mahdieh-ebadi
- Mahdieh.ebd@gmail.com
- (+98)9199287074
- Unit6.No1.Nofelloshato Street.Tehran.Iran

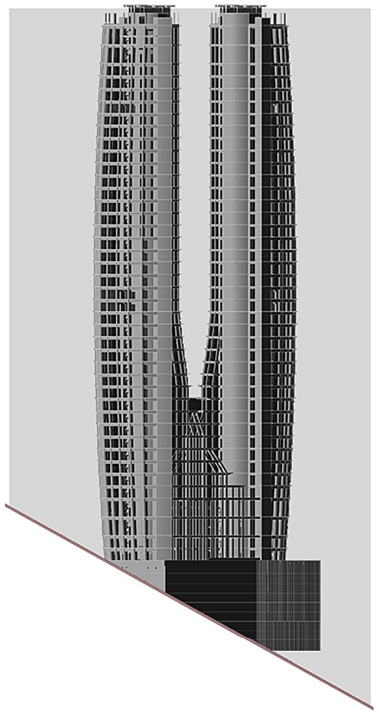
Content



Eskan 1
DATE : 2022
LOD : 300
Residential



KNG 3
DATE : 2023
LOD : 300
Mixed User Complex



Saman 5
DATE : 2024
LOD : 300
Administrative



Alray 6
DATE : 2025
LOD : 300
Auto Gallery

Eskan
Residential Building

Employer:Mika construction group

Company:Khotout consultant engineers

Design stage:Modeling the second stage of 4 disciplines

Measure:5,000 m² , **Number of Floors**:18 , **LOD**:300

location:Tehran

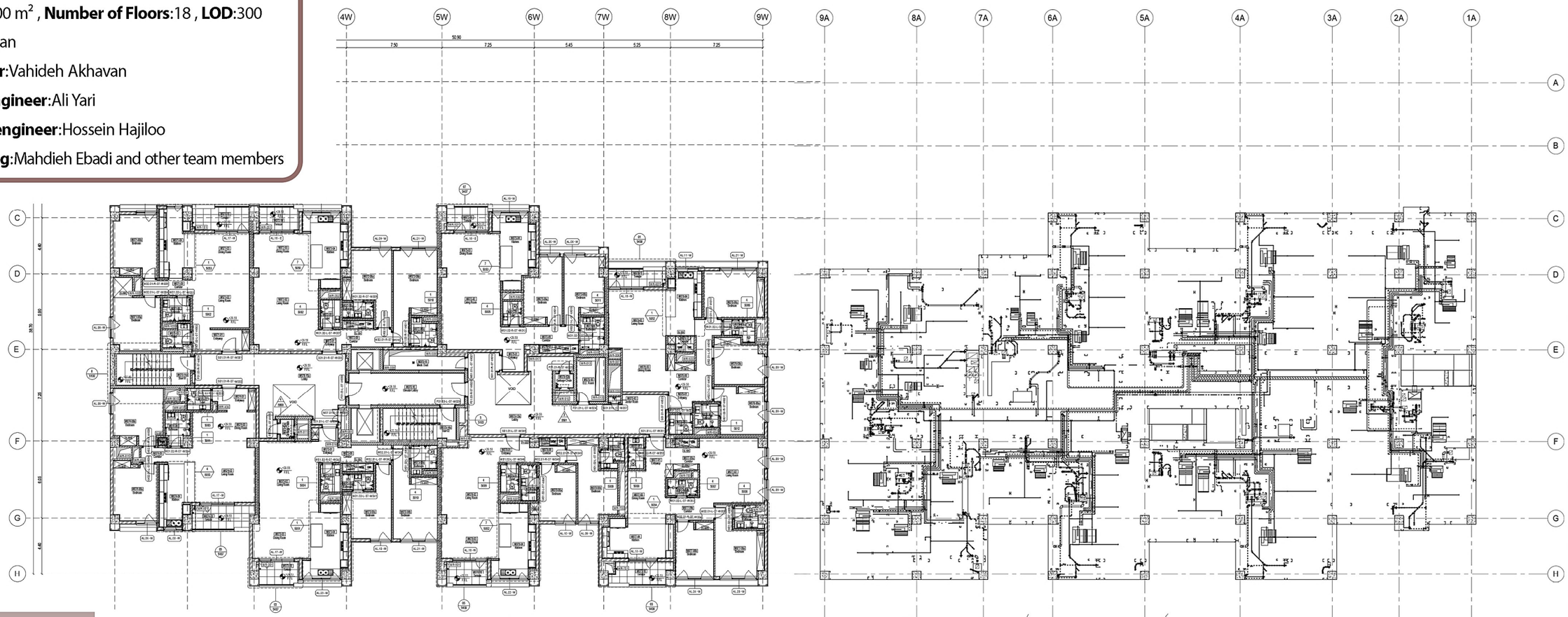
BIM Manager:Vahideh Akhavan

Structural engineer:Ali Yari

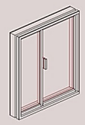
Mechanical engineer:Hossein Hajiloo

BIM modeling:Mahdieh Ebadi and other team members

PLAN



Families



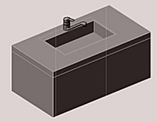
Door terras



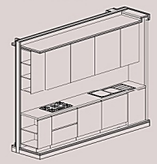
Railing



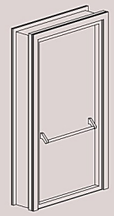
Linear diffuser



Wash basin

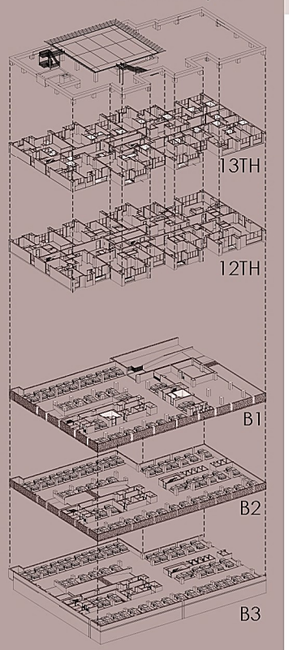


Cabinet

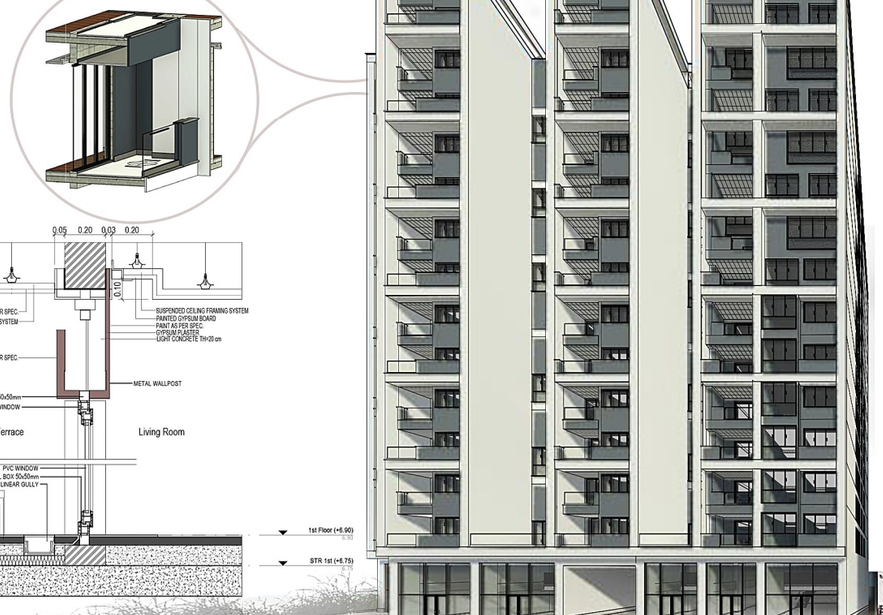


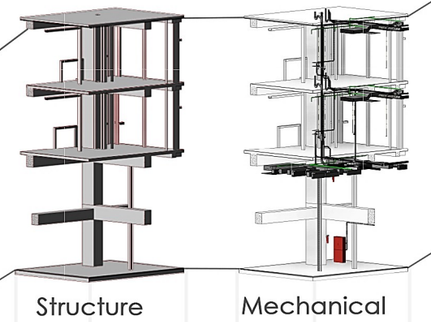
Fire door

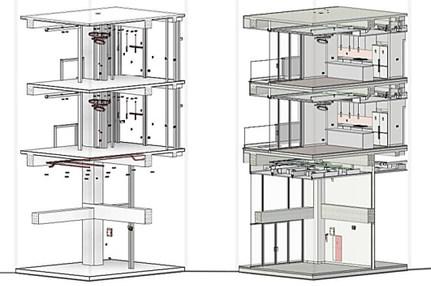
Roof & Helipad



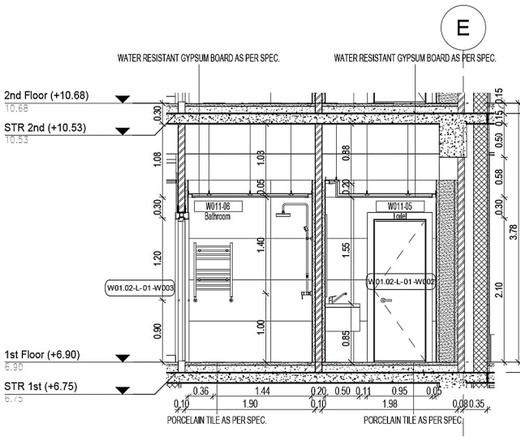
Terrace Detail

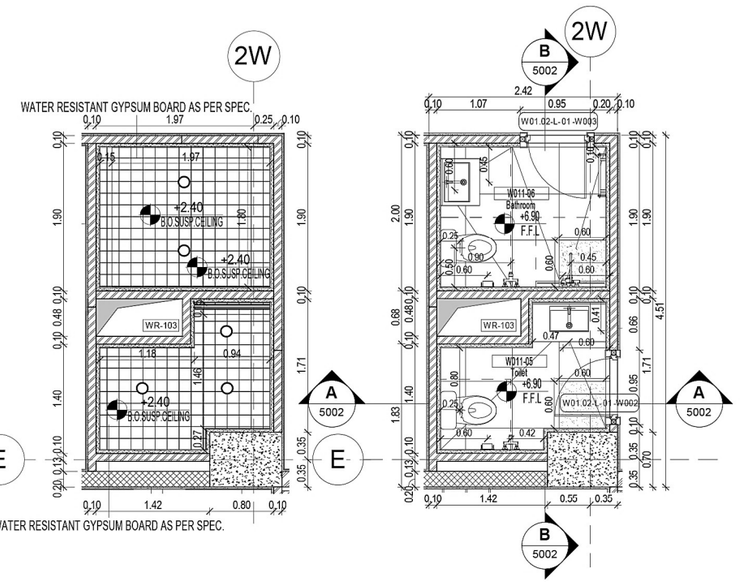


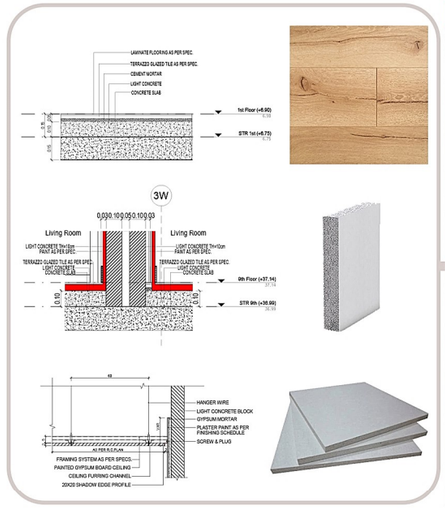




WC layout







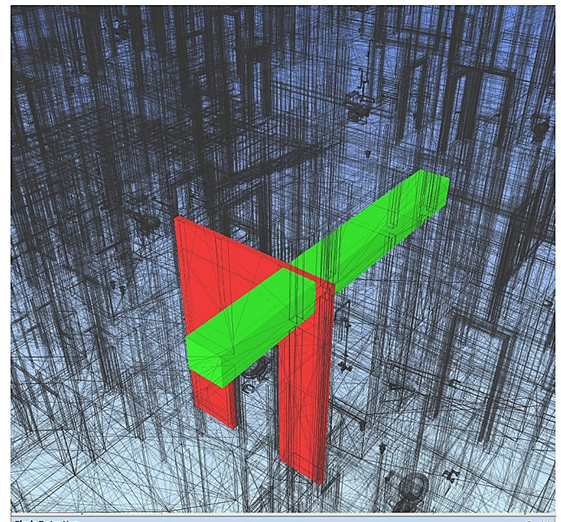
Finishing Schedule

A	B	C	D	E
Key Name	Floor Finish	Wall Finish	Ceiling Finish	Base Finish
Bathroom	PORCELAIN TILE AS PER SPEC.	PORCELAI TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Bedroom	LAMINATE FLOORING AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Changing Room	STONE TILE AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Cinema	STONE TILE AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Commercial	PORCELAIN CERAMIC TILE (60x60cm)	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	CERAMIC SKIRTING AS PER SPEC. H=10cm
Corridor	LAMINATE FLOORING AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Dining Room	LAMINATE FLOORING AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Ds. Bathroom	PORCELAIN TILE AS PER SPEC.	PORCELAI TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Dry Sauna	WOOD PROFILE (300x12x1.7cm)	WOOD PROFILE (300x12x1.7cm)	WOOD PROFILE (300x12x1.7cm)	-
Electrical Room	TERRAZZO GLAZED TILE AS PER SPEC. + ELECTRICAL INSULATOR	TYPE 2 CEMENT AS PER SPEC.	FAIRE FACED CONCRETE	STONE SKIRTING AS PER SPEC. H=10cm
Elevator Lobby	PORCELAIN CERAMIC TILE (120x50 cm)	PORCELAIN CERAMIC TILE (120x50 cm)	FIRE RESISTANT GYPSUM BOARD	-
Elevator Lobby - Gr Floor	STONE TILE AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PAINTED GYPSUM BOARD AS SCHED	-
Elevator Room	TERRAZZO GLAZED TILE AS PER SPEC.	TYPE 2 CEMENT AS PER SPEC.	FAIRE FACED CONCRETE	STONE SKIRTING AS PER SPEC. H=10cm
Entrance	WASHED CONCRETE AS PER SPEC.	WHITE CEMENT AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	STONE SKIRTING AS PER SPEC. H=40cm
Entryway	LAMINATE FLOORING AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Fire Control Room	TERRAZZO GLAZED TILE AS PER SPEC.	PAINTED TYPE 2 CEMENT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	STONE SKIRTING AS PER SPEC. H=10cm
Garbage Chute	PORCELAIN CERAMIC TILE (120x50 cm)	GLAZED CERAMIC TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Gym	EPOXY AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Janitor Room	GLAZED CERAMIC TILE AS PER SPEC.	GLAZED CERAMIC TILE AS PER SPEC. / PAINT AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Kitchen	LAMINATE FLOORING AS PER SPEC.	PORCELAIN CERAMIC TILE (60x120) / GRADE 2 CERAMIC TILE	PAINTED GYPSUM BOARD AS SCHED	- / PVC SKIRTING AS PER SPEC. H=10
Kitchenette	LAMINATE FLOORING AS PER SPEC.	PAINT AS PER SPEC. / GRADE 2 CERAMIC TILE AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	-
Laundry	PORCELAIN CERAMIC TILE AS PER SPEC.	PAINT AS PER SPEC. / GRADE 2 CERAMIC TILE AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	-
Living Room	LAMINATE FLOORING AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Lobby	PORCELAIN CERAMIC TILE (120x50 cm)	PAINTED GYPSUM BOARD AS SCHED	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Lobby - Gr Floor	STONE TILE AS PER SPEC.	STONE TILE AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	-
Locker Room	STONE TILE AS PER SPEC.	PAINT AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Main Entrance	WASHED CONCRETE AS PER SPEC.	WHITE CEMENT AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	STONE SKIRTING AS PER SPEC. H=40cm
Management Room	PORCELAIN CERAMIC TILE AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Mechanical Duct	TERRAZZO GLAZED TILE AS PER SPEC.	TYPE 2 CEMENT AS PER SPEC.	FAIRE FACED CONCRETE	STONE SKIRTING AS PER SPEC. H=10cm
Mechanical Room	TERRAZZO GLAZED TILE AS PER SPEC.	PAINTED TYPE 2 CEMENT AS PER SPEC.	FAIRE FACED CONCRETE	STONE SKIRTING AS PER SPEC. H=10cm
Multipurpose Hall	STONE TILE AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Multipurpose Hall Entrance	STONE TILE AS PER SPEC.	PAINT AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	PVC SKIRTING AS PER SPEC. H=10cm
Multipurpose Hall Pantry	STONE TILE AS PER SPEC.	CERAMIC TILE AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	-
Pantry	LAMINATE FLOORING AS PER SPEC.	PORCELAIN CERAMIC TILE (60x120) / GRADE 2 CERAMIC TILE	PAINTED GYPSUM BOARD AS SCHED	-
Parking	C30 REINFORCED CONCRETE	PAINTED TYPE 2 CEMENT AS PER SPEC.	FAIRE FACED CONCRETE	STONE SKIRTING AS PER SPEC. H=10cm
Public Corridor	STONE TILE AS PER SPEC.	STONE TILE AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	-
Shower	CERAMIC TILE AS PER SPEC.	CERAMIC TILE AS PER SPEC.	-	-
Stair	STONE TILE AS PER SPEC.	PAINT AS PER SPEC.	FIRE RESISTANT GYPSUM BOARD	STONE SKIRTING AS PER SPEC. H=40cm
Steam Sauna	CERAMIC TILE AS PER SPEC.	CERAMIC TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Store	TERRAZZO GLAZED TILE AS PER SPEC.	TYPE 2 CEMENT AS PER SPEC.	FAIRE FACED CONCRETE	STONE SKIRTING AS PER SPEC. H=10cm
Swimming Pool	CERAMIC TILE AS PER SPEC.	CERAMIC TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Swimming Pool Changing Room	CERAMIC TILE AS PER SPEC.	CERAMIC TILE AS PER SPEC.	PAINTED GYPSUM BOARD AS SCHED	-
Swimming Pool Locker Room	CERAMIC TILE AS PER SPEC.	CERAMIC TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Telecom Room	TERRAZZO GLAZED TILE AS PER SPEC.	TYPE 2 CEMENT AS PER SPEC.	FAIRE FACED CONCRETE	STONE SKIRTING AS PER SPEC. H=10cm
Terrace	STONE TILE AS PER SPEC.	CEMENT AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	STONE SKIRTING AS PER SPEC. H=10cm
Toilet	PORCELAIN TILE AS PER SPEC.	PORCELAI TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-
Water Tank	C30 REINFORCED CONCRETE	C30 REINFORCED CONCRETE	FAIRE FACED CONCRETE	-
WC	GLAZED CERAMIC TILE AS PER SPEC.	GLAZED CERAMIC TILE AS PER SPEC.	WATER RESISTANT GYPSUM BOARD PAINTED AS SCHED	-

Section B-B

Ceiling plan

Floor plan



Clash Detective

Test 1

Last Run: Thursday, November 13, 2025 11:47:57 AM

Clashes - Total: 20535 (Open: 20535 Closed: 0)

Name	Status	Last Run	Clashes	New	Active	Reviewed	Approved
Test 1	Done	11/13/2025 11:	20535	20534	1	0	0

Add Test | Reset All | Compact All | Delete All | Update All | Group Results

Rules | Select | Results | Report

New Group | Assign | None | Re-run Test

Name	Status	Description	Level	Grid Intersec	Found
Clash195	New		Gr Floor (+0.24) (2)	7E(2)-F(2)	11:48:00 13-11-2025
Clash196	New		1st Floor (+6.90) (3)	4W(3)-D	11:48:00 13-11-2025
Clash197	New		1st Floor (+6.90) (3)	4E(-3)-D	11:48:00 13-11-2025
Clash198	New		1st Floor (+6.90) (3)	2W-C(-1)	11:48:00 13-11-2025
Clash199	New		1st Floor (+6.90) (3)	4W-G(2)	11:48:00 13-11-2025
Clash200	New		1st Floor (+6.90) (3)	4E-G(2)	11:48:00 13-11-2025
Clash201	New		B 2 (-8.22) (2)	5E-E(-1)	11:48:00 13-11-2025
Clash202	New		1st Floor (+6.90) (2)	9E-G(1)	11:48:00 13-11-2025
Clash203	New		1st Floor (+6.90) (2)	9E-E(-2)	11:48:00 13-11-2025
Clash204	New		1st Floor (+6.90) (2)	9E-E(2)	11:48:00 13-11-2025
Clash205	New		1st Floor (+6.90) (3)	5W-D	11:48:00 13-11-2025
Clash206	New		1st Floor (+6.90) (3)	4W(-3)-H	11:48:00 13-11-2025
Clash207	New		1st Floor (+6.90) (3)	9W-E(2)	11:48:00 13-11-2025

Items

Item 1: Item Name: Basic Wall; Item Type: Walls: Basic Wall: 120-LC02-10

Item 2: Item Name: Concrete Rectangular Beam; Item Type: Structural Framing: Concrete Rectangular Beam: B50X60

Clash Grouping | Images

Section & Detail stair

West view

Navisworks

KNG Buildings and Facilities complex

Employer

Archicomp

Company

Khotout consultant engineers

Design stage

Modeling the second stage of architectural discipline

Measure: 11,731m^2

LOD:300

location:Kuwait

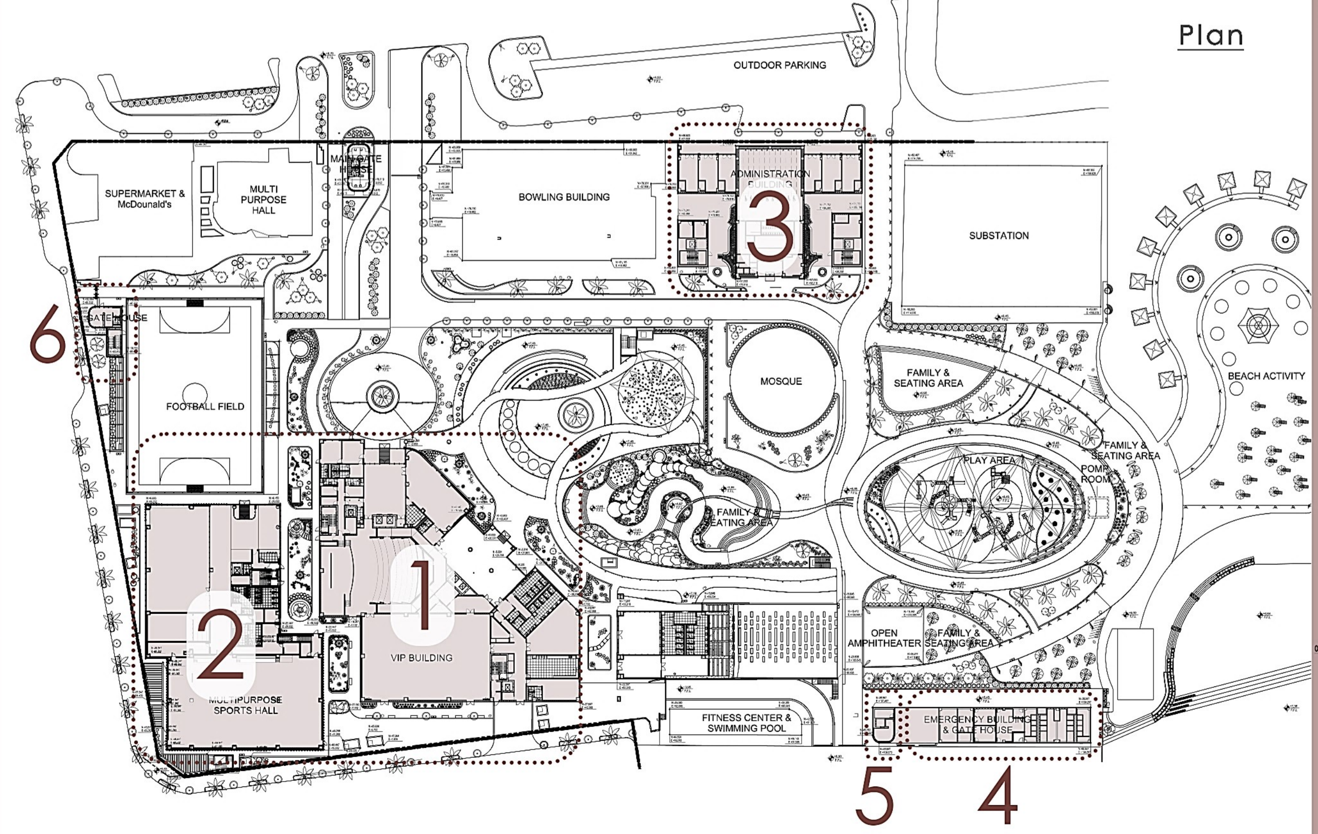
BIM Manager

Vahideh Akhavan

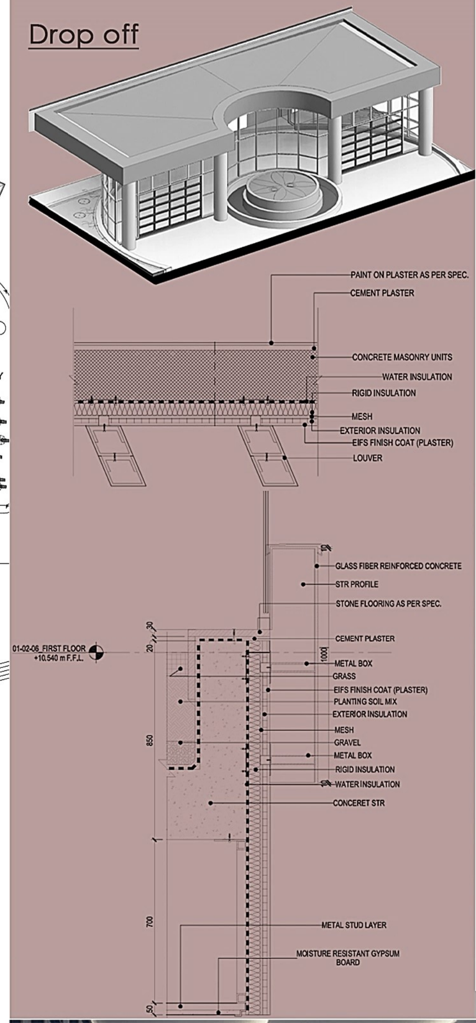
BIM modeling

Mahdieh Ebadi and other team members

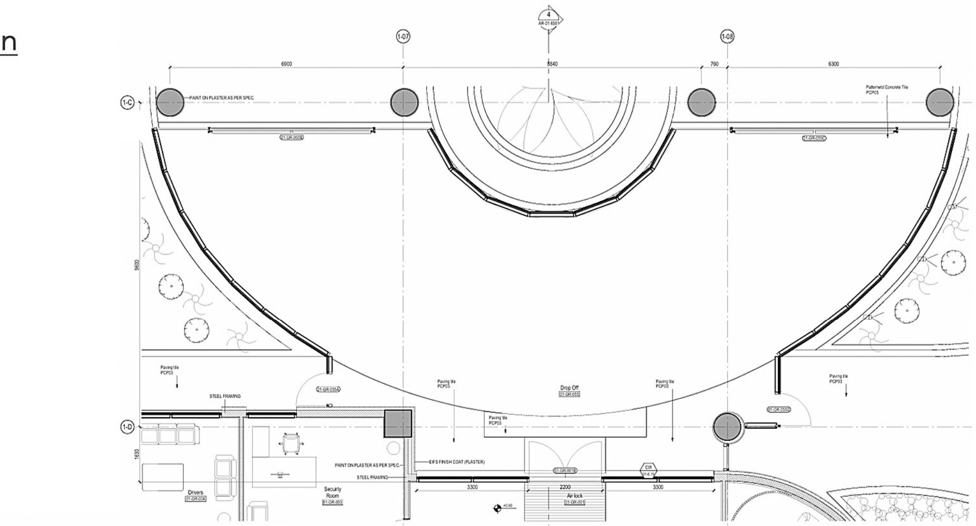
Plan



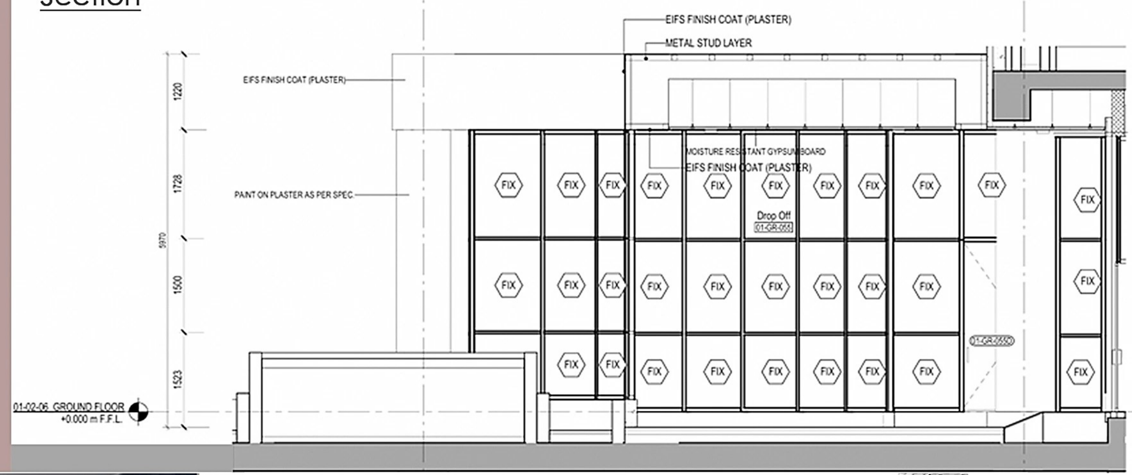
Drop off



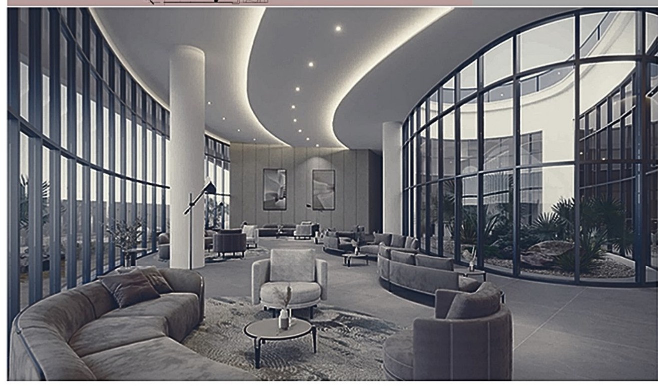
Floor plan

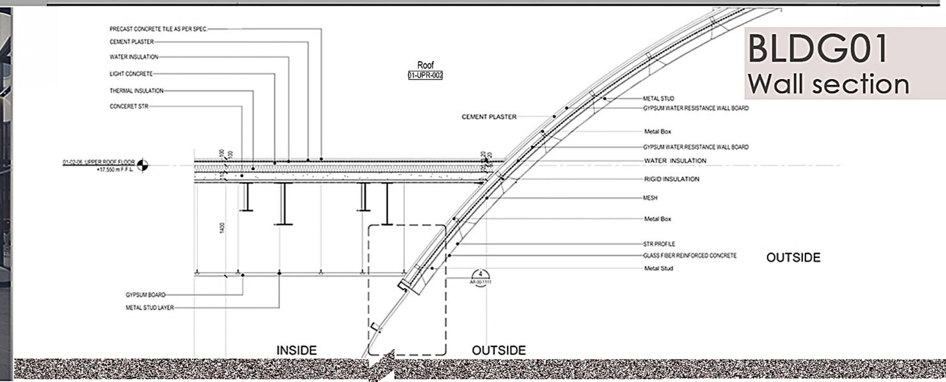


Section

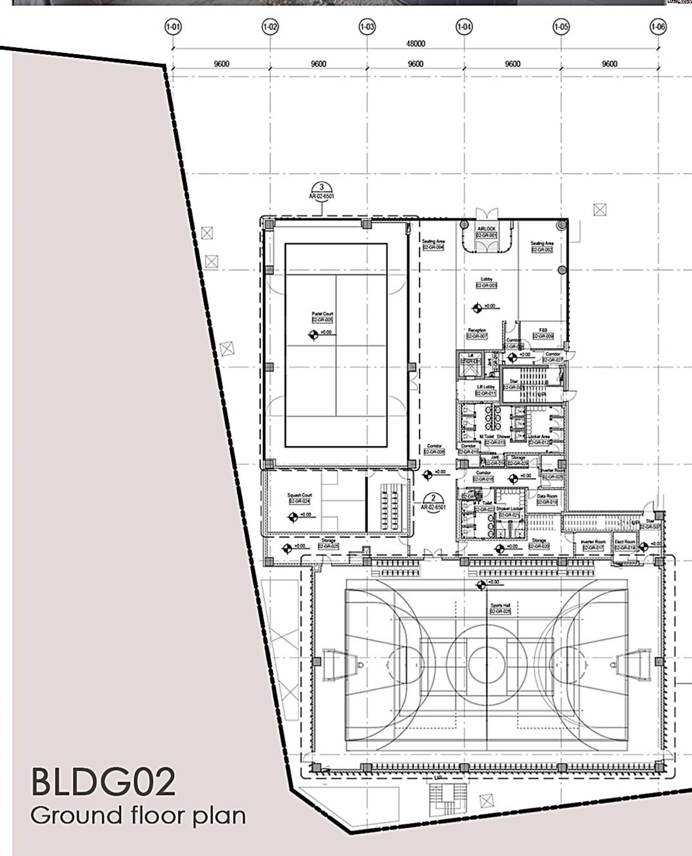


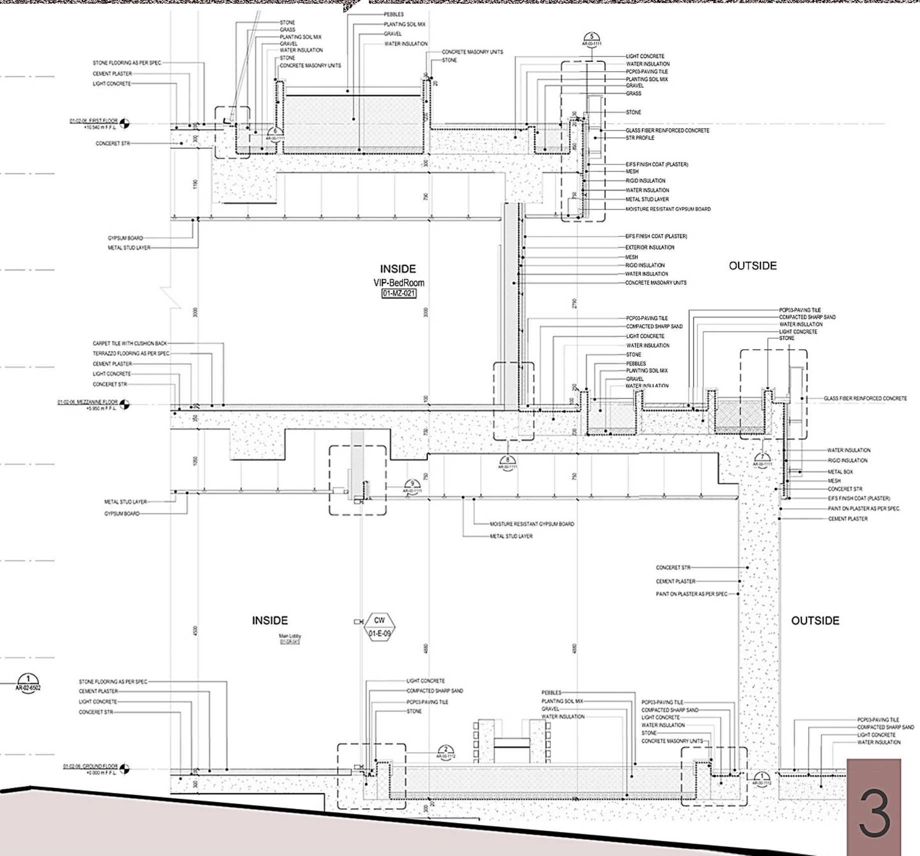






BLDG01
Wall section



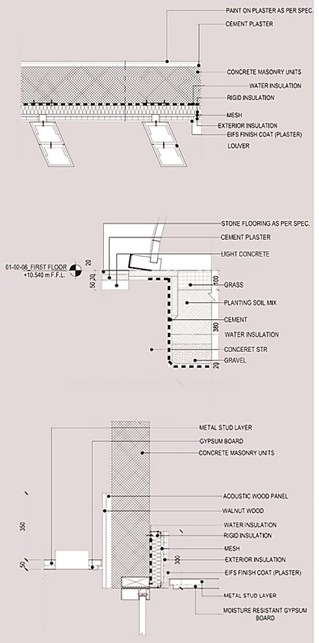


BLDG02
Ground floor plan

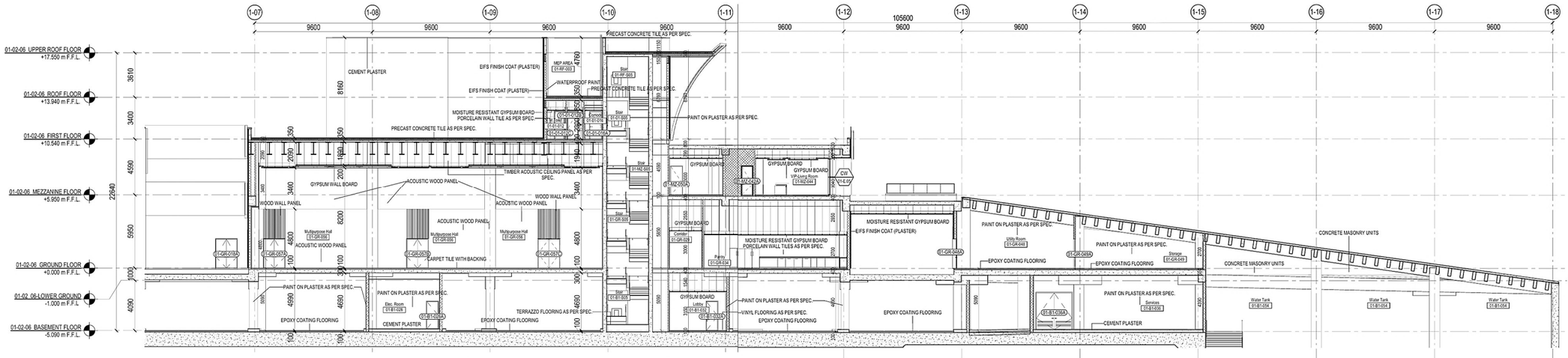
Interior

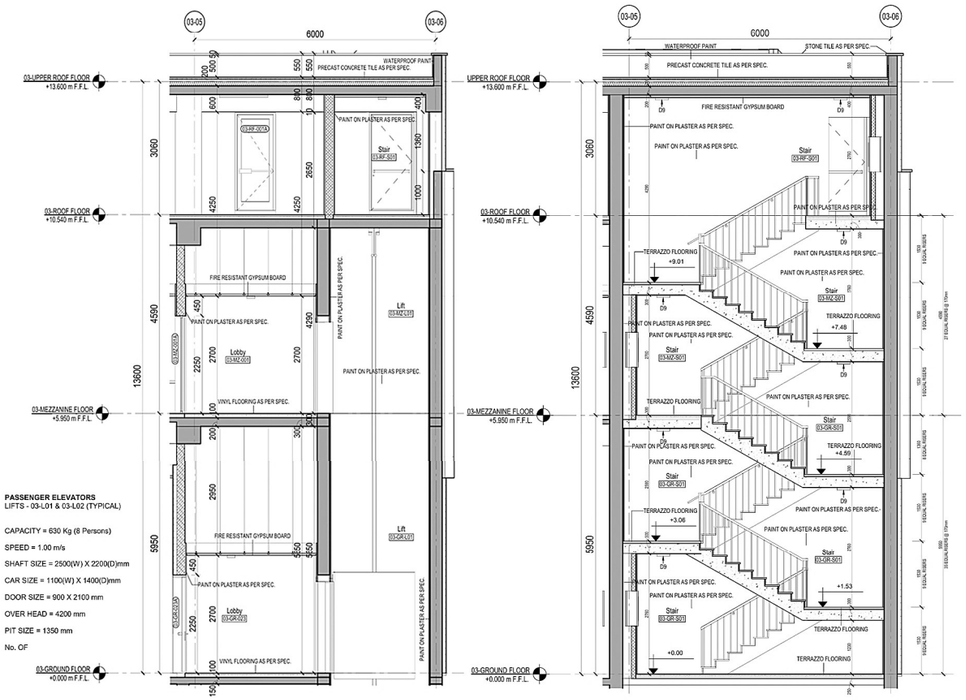


Facade Detail

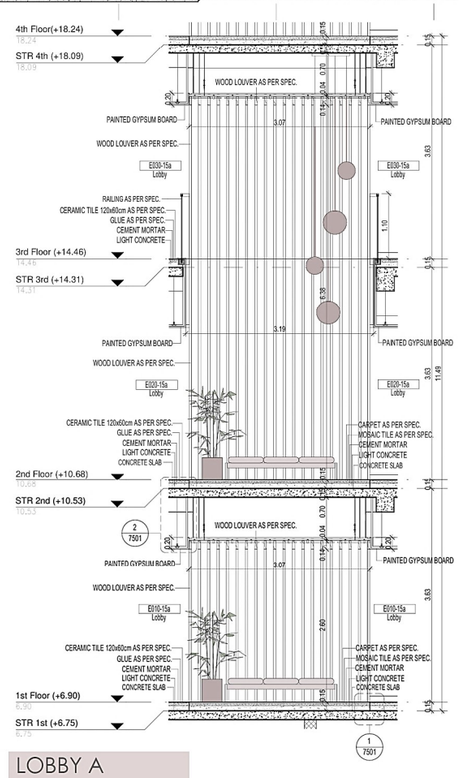


BLDG01 Section

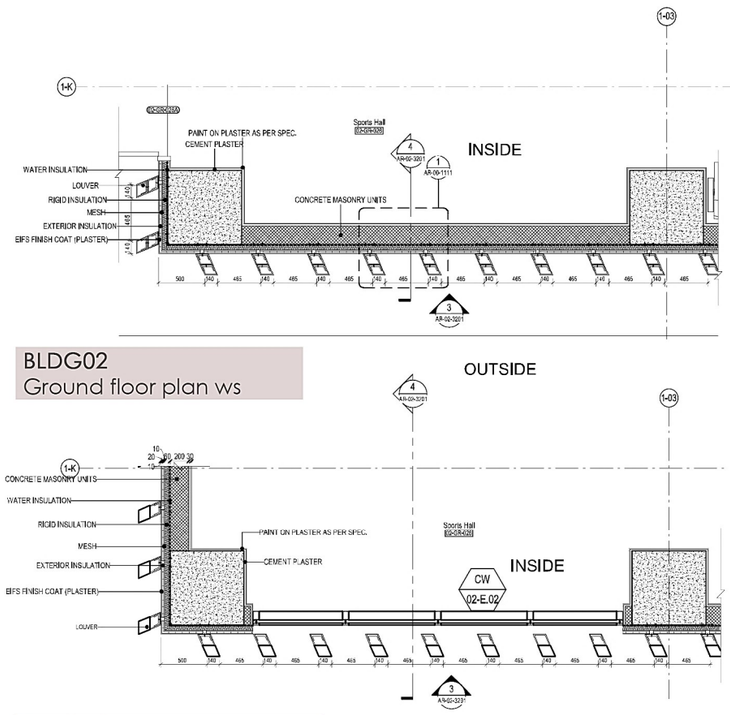




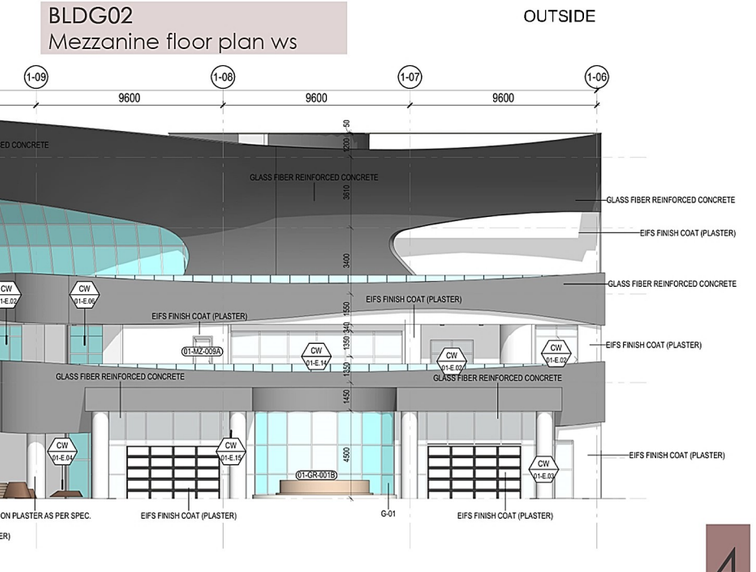
BLDG03 Elevator01 Section



LOBBY A Section



BLDG02 Ground floor plan ws



BLDG02 Mezzanine floor plan ws

BLDG01 North Elevation

Saman Faraz
Commercial and office towers

Employer:Azarstan construction company

Company:Khotout consultant engineers

Design stage:Modeling the second stage of 4 disciplines

Measure:160,000 m^2 , **Number of floors**:52 , **LOD**:300

location:Tehran

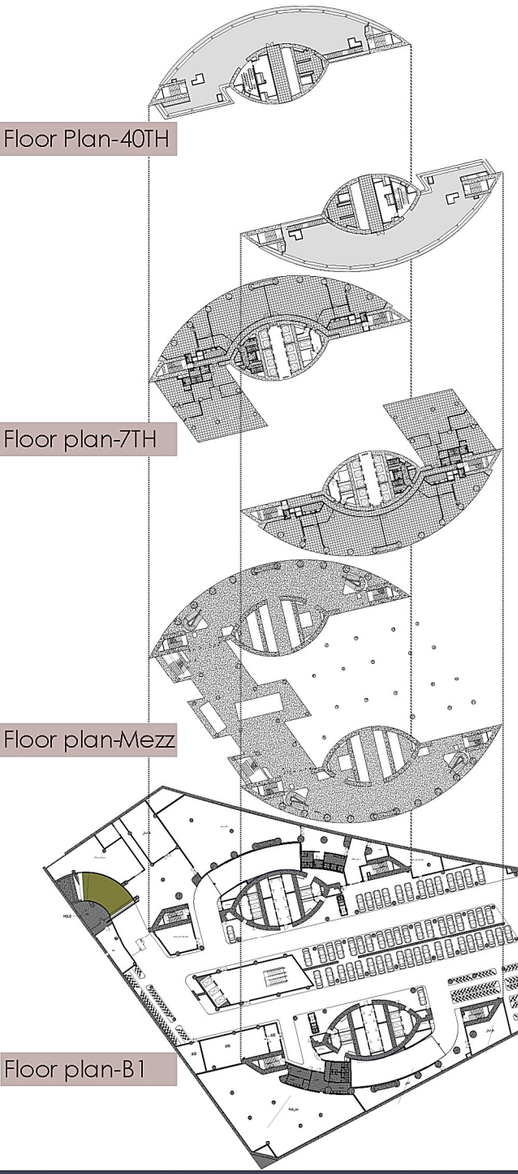
BIM Manager:Vahideh Akhavan

structural engineer:Ali Yari

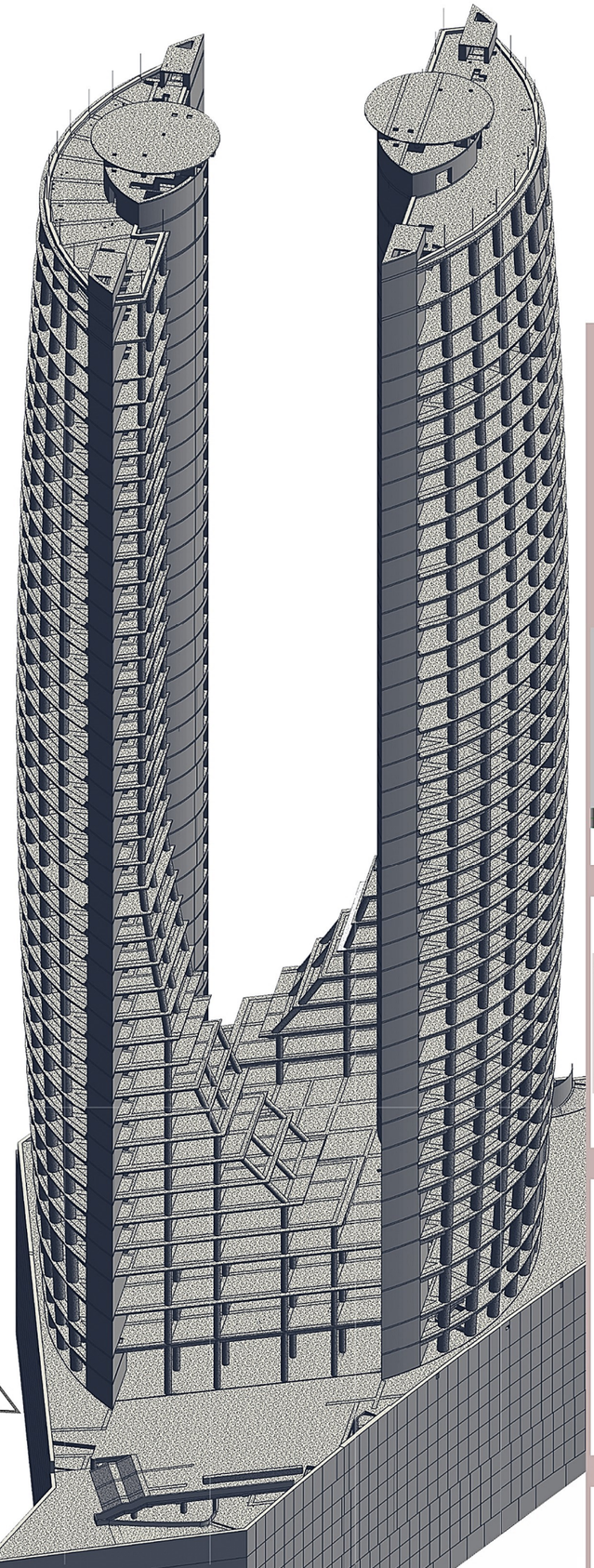
Mechanical engineer:Hossein Hajiloo

BIM modeling:Mahdieh Ebadi and other team members

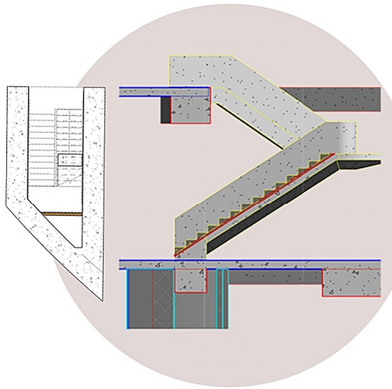
Plan



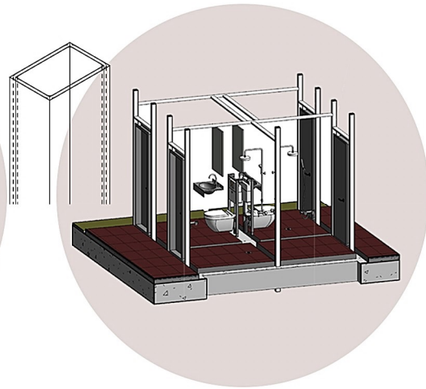
Structure



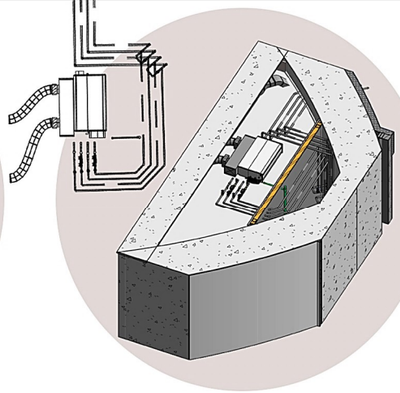
Stair



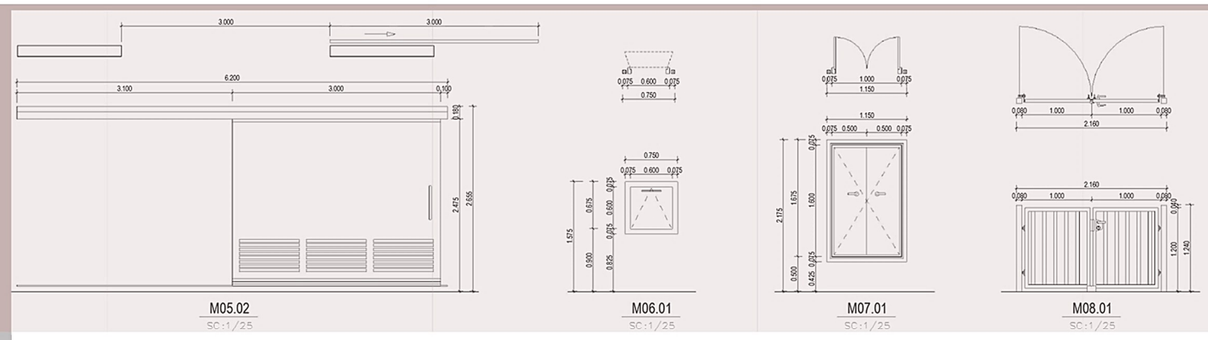
Wall post



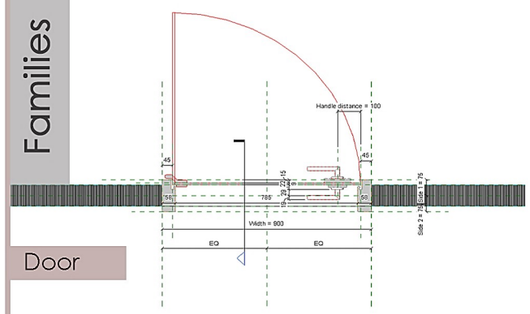
Fan coil



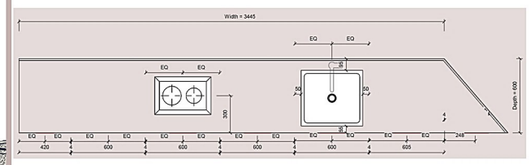
Door



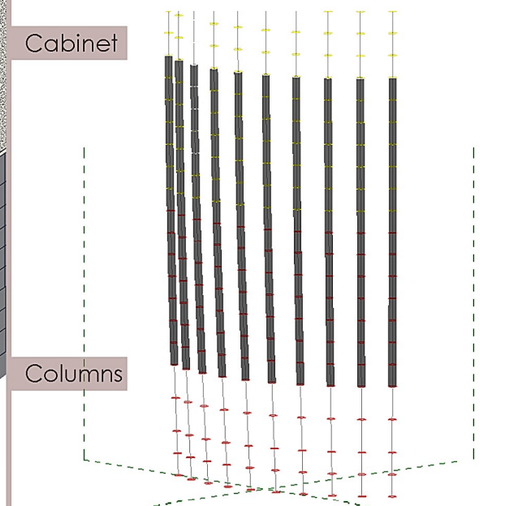
Families



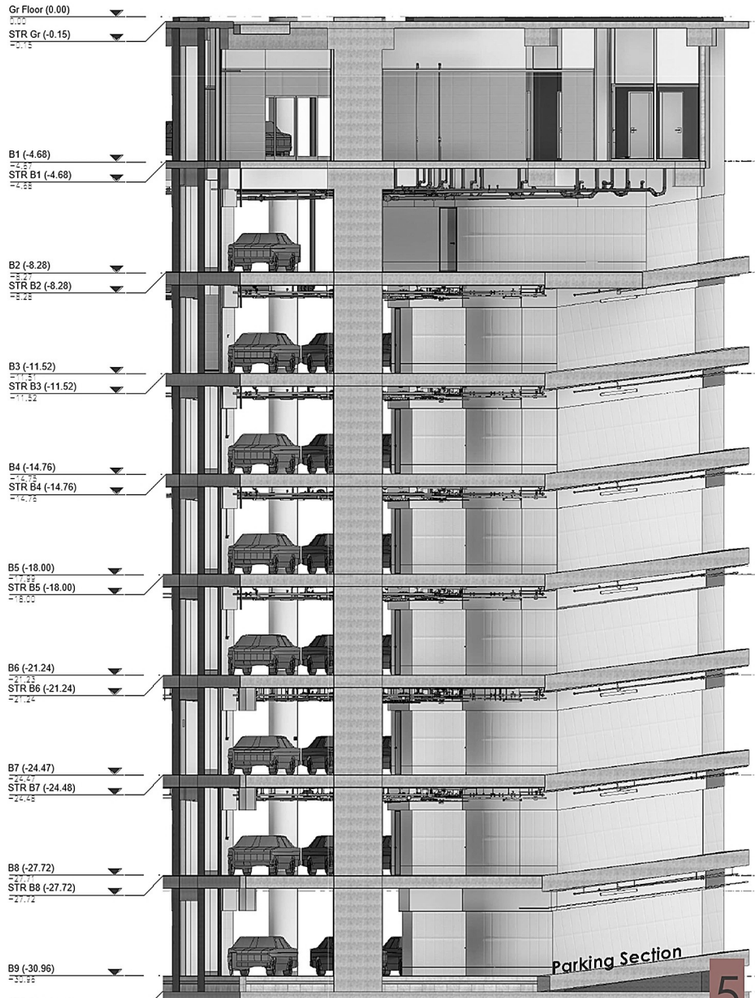
Door



Cabinet



Columns



Alray
Auto gallery

Employer

Archicomp

Company

Khotout consultant engineers

Design stage

Modeling the second stage of architectural discipline

Measure:5000m²

Number of floors:4

LOD:300

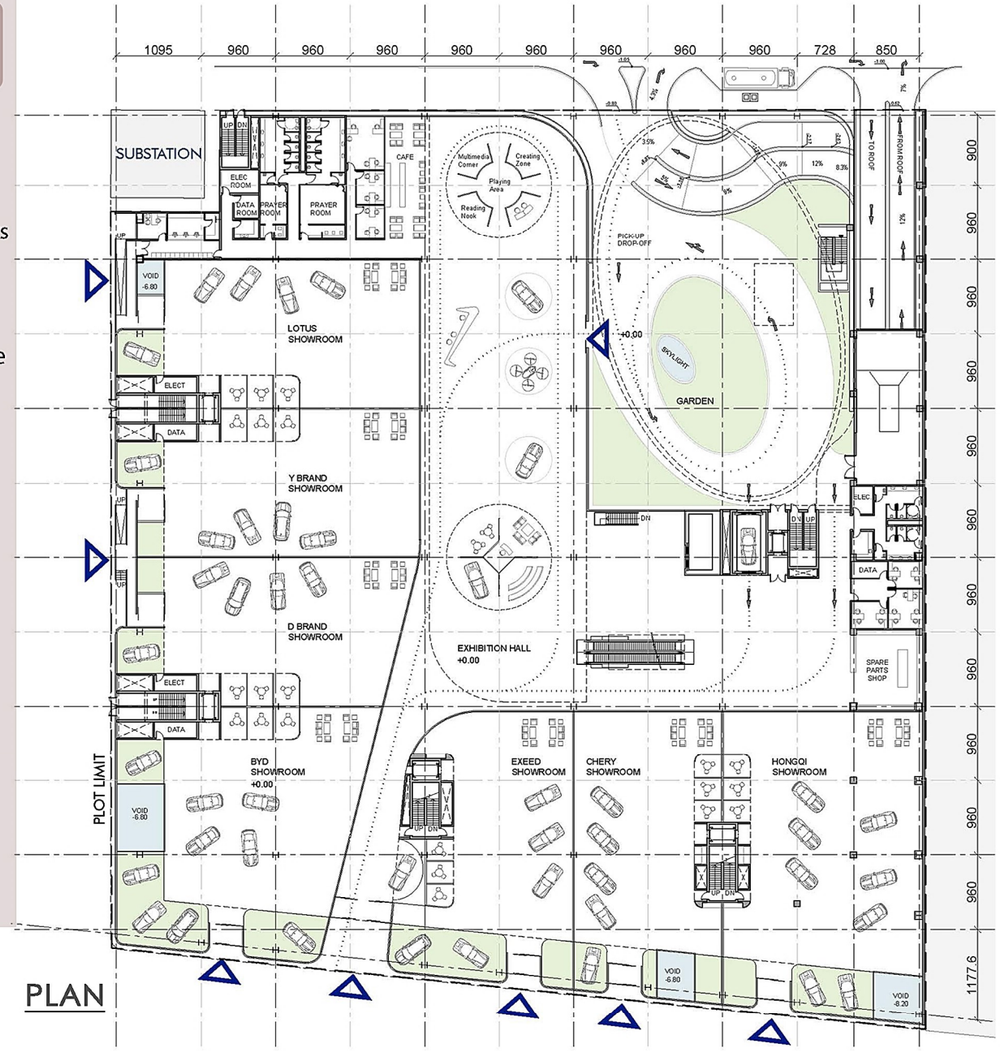
location:Kuwait

BIM Manager

Vahideh Akhavan

BIM modeling

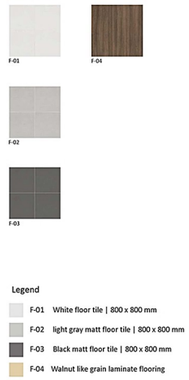
Mahdieh Ebadi and other team members

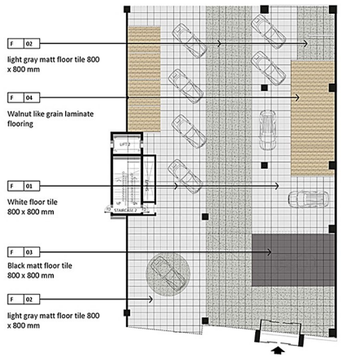


HONGQI SHOWROOM

Floor Finishes

Ground Floor

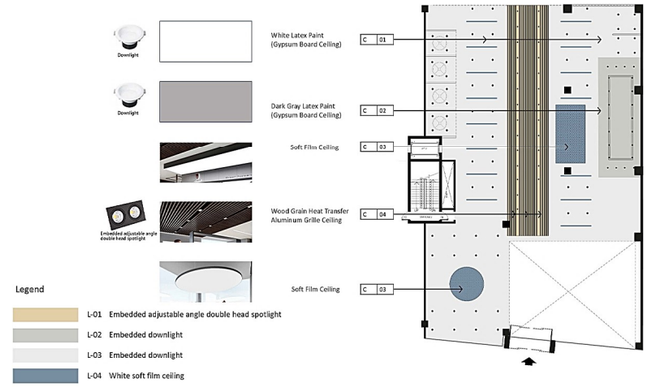




HONGQI SHOWROOM

Schematic Diagram of Interior Lighting System and Ceiling Material

Ground Floor



HONGQI SHOWROOM

Schematic Diagram of Interior Lighting System and Ceiling Material

Mezzanine

