YUSUF FIRAT KILIÇ

Mimar | Bim Danışmanı

yusuffirat.kilic@gmail.com
Konya / Turkey
klcworks.io

HAKKIMDA

Mimari tasarım ve dijital koordinasyon alanlarında projeler yürüten bir Serbest Mimar ve BIM Danışmanıyım. Konut, ticari ve endüstriyel projelerde BIM tabanlı modelleme, dokümantasyon ve mevzuata uyum süreçlerini yönetiyor; disiplinler arası koordinasyon sağlayarak tasarım ve uygulama süreçlerinde bağımsız olarak hizmet veriyorum.

Autodesk Certified Professional belgesine sahip olup, kurum ve ekipler için hedef odaklı BIM eğitimleri veriyorum. Yapmış olduğum çalışmalar, tasarım stratejisi ile teknik uygulamayı buluşturarak model bütünlüğü, disiplinler arası iş akışları ve ölçeklenebilir proje teslimine odaklanarak, mimarlıkta BIM entegrasyonu, dijital dönüşüm ve işbirlikçi tasarım yöntemleri üzerine konferanslarda konuşmalar yapıyor ve atölye çalışmaları düzenliyorum.

İŞ DENEYİMİ

Serbest Mimar – Konya, Turkey
Eyl 2024 – Devam ediyor

Serbest Mimar | BIM Danışmanı

- Konut, ticari ve endüstriyel projeler için LOD 400 seviyesinde BIM modelleri ve detaylı uygulama dokümantasyonu üreten BIM ekibini yönetiyorum.
- Tasarım koordinasyonunu optimize eden, hataları azaltan ve dokümantasyon süreçlerini sadeleştiren özel BIM iş akışları geliştiriyorum.
- Mevzuata uyum ve dijital dönüşüm süreçleri için BIM danışmanlığı sağlıyorum.
- Profesyonel Revit eğitimleri veriyor, disiplinler arası BIM iş akışları konusunda ekipleri mentorluk yaparak destekliyorum.

Archistanbul – Istanbul, Türkiye
Eyl 2023 – Eyl 2024

BIM Uzmanı & Proje Yöneticisi

- Jabal Al Qrayn Kültür Bölgesi projesinde mimari BIM ekibine liderlik ettim.
- Mekanik, elektrik ve statik ekipleriyle koordinasyonu sağlayarak Navisworks üzerinden düzenli çakışma analizi ve çözümü gerçekleştirdim.
- IFC teslimlerine uygun, 1:20 / 1:10 / 1:5 detay seviyelerinde yüksek ölçekli çizim paketleri hazırladım.
- Dokümantasyon verimliliğini artırmak ve tekrarlayan modelleme işlerini azaltmak amacıyla otomasyon komut dosyaları (script) geliştirdim.

YUSUF FIRAT KILIÇ

Mimar | Bim Danışmanı

yusuf@klcworks.io
Konya / Turkey
klcworks.io

İŞ DENEYİMİ

TEKE Architects – Genova, İtalya
Nis 2022 – Eyl 2023

BIM Uzmanı & Danışman

- İtalya ve Türkiye'deki projeler için tasarım geliştirme, modelleme ve disiplinler arası koordinasyon hizmeti verdim.
- Yerel imar ve yapı yönetmeliklerine uygun belediye ve uygulama projeleri ürettim.
- Tasarımın uyarlanabilirliğini ve hızını artırmak için parametrik BIM çözümleri geliştirdim.

Kushner Studios – New York, USA
Oca 2022 – Nis 2022

BIM Mimarı

- 17.500 m² çok birimli konut projesinin uygulama dokümantasyonu aşamasında bulundum.
- ABD yapı standartlarıyla uyumlu, koordine mimari paketler (plan, kesit, detay) hazırladım.
- Şantiye ekipleri için model kurgusunu optimize ederken çizimler arası tutarlılığı korumaya odaklandım.

SFMM Architects & Consultants – Ankara, Turkey
2020 – 2022

BIM Mimarı

- Foster + Partners ve Limak İnşaat ile iş birliği içinde Kuveyt Uluslararası Havalimanı projesine destek verdim.
- Karmaşık mimari sistemleri modelleyip detaylandırdım, uygulama projesi hazırladım ve çakışma koordinasyonu gerçekleştirdim.
- Bulut tabanlı model paylaşımını ve disiplin entegrasyon protokollerini uyguladım.

KONFERANS

Konya Teknik Üniversitesi
2024

Konuşmacı, BIM'in Proje Yönetimi İş Akışlarına Entegrasyonu

Proje planlama, koordinasyon ve uygulama süreçlerinde Yapı Bilgi Modellemesi'ni (BIM) stratejik bir araç olarak ele alan odaklı bir sunum gerçekleştirdim. Oturumda gerçek proje iş akışları, 4D/5D uygulamaları, paydaş entegrasyonu, karar alma süreçlerinin BIM ile nasıl güçlendiği ve proje yaşam döngüsü boyunca risklerin nasıl azaltılabileceği üzerine duruldu.

YUSUF FIRAT KILIÇ

Mimar | Bim Danışmanı

yusuf@klcworks.io
Konya / Turkey
klcworks.io

EĞİTİM

Orta Doğu Teknik Üniversitesi
2014–2019
CGPA: 3.00/4.00

Lisans – Mimarlık (B.Arch – Architecture)

Stüdyo temelli müfredat ve disiplinler arası dersler kapsamında mimari tasarım, yapı sistemleri ve kentsel planlama alanlarında kapsamlı eğitim aldım.

SERTİFİKALAR & EĞİTİMLER

- Autodesk Sertifikalı Uzman – Revit
- Dijital İkizler (Digital Twins) – University of Michigan
- Revit'te Parametrik Aile (Family) Modellemesi – Think Parametric
- Yapı Sektöründe Grasshopper Mantığı – Boolean Design Studio
- Tasarım Yoluyla Yenilik: Düşün, Üret, Boz, Tekrar Et – University of Sydney
- BIM ve Sürdürülebilirlik Stratejileri – Coursera

BECERİLER

Yazılım ve Modelleme Araçları

- Revit (İleri seviye), AutoCAD, Rhino
- Dynamo, Grasshopper (Parametrik Tasarım)
- Navisworks, Solibri (Çakışma Analizi)
- Tekla Structures (Yapısal BIM)
- Twinmotion, Enscape (Görselleştirme)

BIM İş Akışları ve Proje Teslimi

- LOD Modelleme Standartları
- BIM Uygulama Planı (BEP)
- Family Oluşturma ve Şablon Geliştirme
- Disiplinler Arası Koordinasyon ve Çakışma Çözümü
- Uygulama Dokümantasyonu ve Mevzuata Uygunluk
- Dijital İkiz (Digital Twin) Uygulamaları
- BIM Eğitimi ve Bilgi Aktarımı

DİLLER

- Türkçe (Ana Dil)
- English (C1)
- Italian, German (Basic)

YOKME7SKCG17FAYOVT

16.02.2026

T.C.
YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI
ANKARA

MEZUN BELGESİ

T.C. Kimlik No	**:**	
Adı Soyadı	**:**	YUSUF FIRAT KILIÇ
Baba Adı	**:**	EMİN
Anne Adı	**:**	MELEK
Doğum Tarihi	**:**	01.01.
Program	**:**	ORTA DOĞU TEKNİK ÜNİVERSİTESİ/MİMARLIK FAKÜLTESİ/MİMARLIK (İNGİLİZCE)
Diploma No	**:**	140186
Diploma Notu	**:**	3 / 4
Mezuniyet Tarihi	**:**	20.01.2020
Durum	**:**	MEZUNİYET

İLGİLİ MAKAMA

Orta Doğu Teknik Üniversitesi tarafından kimlik ve mezun bilgileri bildirilen Yusuf Fırat Kılıç yukarıda belirtilen programdan mezun olmuştur.

* Yukarıdaki yazılı bilgilere ilişkin tereddüt yaşanması halinde ilgili yükseköğretim kurumunun öğrenci işlerinden sorumlu birimine başvurulması gerekmektedir.

AUTODESK

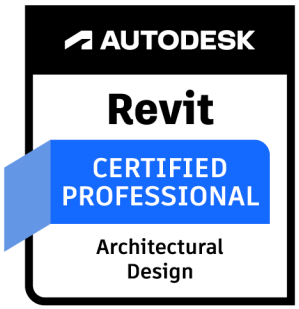
CERTIFIED PROFESSIONAL

Yusuf
Fırat Kılıç

In recognition of professional excellence, this certificate acknowledges the successful completion of all requirements and demonstration of the specific knowledge and skills to earn the following certification:

Autodesk Certified Professional in Revit for Architectural Design

Date issued: November 18, 2024
Date expires: November 18, 2027
Certification ID: ADSK-156-19362



Andrew Anagnost
President and CEO, Autodesk Inc.

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Dec 2, 2024

Yusuf Fırat Kılıç

has successfully completed

Digital Twins

an online non-credit course authorized by University of Michigan and offered through Coursera

M.S. Krishnan
Professor of Technology & Operations
Stephen M. Ross Business School

Verify at:
https://coursera.org/verify/XCWBCO1OXBTT

Coursera has confirmed the identity of this individual and their participation in the course.

LinkedIn Learning

BIM Management: Careers

Course completed by Yusuf Fırat Kılıç

Dec 10, 2024 at 01:22PM UTC • 2 hours 8 minutes

Top skills covered

Career Path Planning

Head of Global Content, Learning

Certificate ID: d1187dec68da03dffa4ede94ec97e7163d55637774ea94ac9e2a41b01d610c47

LinkedIn LEARNING

Certificate of Completion

Congratulations, Yusuf Kılıç

Drawing Foundations: Urban Sketching

Course completed on Sep 21, 2022 at 02:21PM UTC • 3 hours 28 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: Af1QnJf2fPGHxo8cvR-W7ojQYgIP

LinkedIn Learning

Excel and ChatGPT: Data Analysis Power Tips

Course completed by Yusuf Fırat Kılıç
Jul 26, 2024 at 08:47AM UTC • 1 hour 41 minutes

Top skills covered

Artificial Intelligence for Business | ChatGPT | Microsoft Excel

Head of Global Content, Learning

COURSE COMPLETION

Certificate ID: d95ecc0ddf0ca5252ad9322f5985621cefac53e9910e6a18ca67db6add6b85a9

LinkedIn Learning

Revit: Detailing

Course completed by Yusuf Fırat Kılıç
Jul 26, 2024 at 12:54PM UTC • 2 hours 47 minutes

Top skills covered

Revit

Head of Global Content, Learning

COURSE COMPLETION

Certificate ID: 65ea551a286570bf07773db2a64af1972788a081949acf68c1a8079fb4552196

LinkedIn Learning

Revit: Rhino Workflow

Course completed by Yusuf Fırat Kılıç
Jul 29, 2024 at 11:47AM UTC • 2 hours 27 minutes

Top skills covered

Revit
Rhino 3D

Head of Global Content, Learning

COURSE COMPLETION

Certificate ID: 1bcc4419d92bed6ddfbd67b38e653d14d408290adfb09e53173286fc1be30caf

LinkedIn LEARNING

Certificate of Completion

Congratulations, Yusuf Kılıç

Revit Schedules

Course completed on Sep 19, 2022 at 09:40PM UTC • 1 hour 35 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AfVJea8w5Z3pHASiAcJuN4lll7wr

LinkedIn Learning

The BIM Execution Plan for Architects

Course completed by Yusuf Fırat Kılıç

Jul 25, 2024 at 02:38PM UTC • 1 hour 35 minutes

Top skills covered

Building Information Modeling (BIM)

Head of Global Content, Learning

COURSE COMPLETION

Certificate ID: 74f4216d081a2515fb9b42f83695591ec9132b85a510041a2317d53cda4bc4a4

2026

YUSUF FIRAT KILIÇ

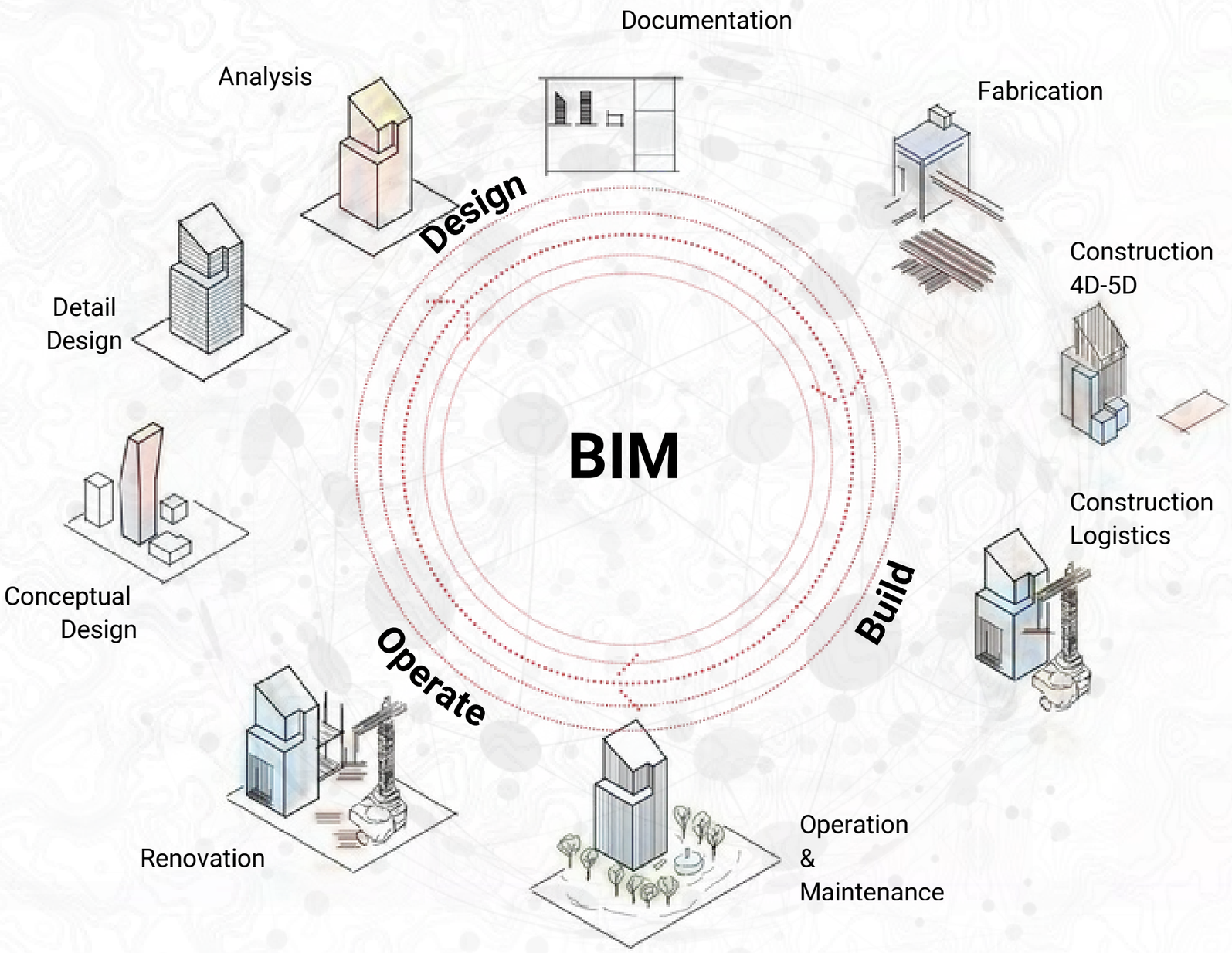
portfolio

SELECTEDWORKS

contents

Introduction

BIM Coordination



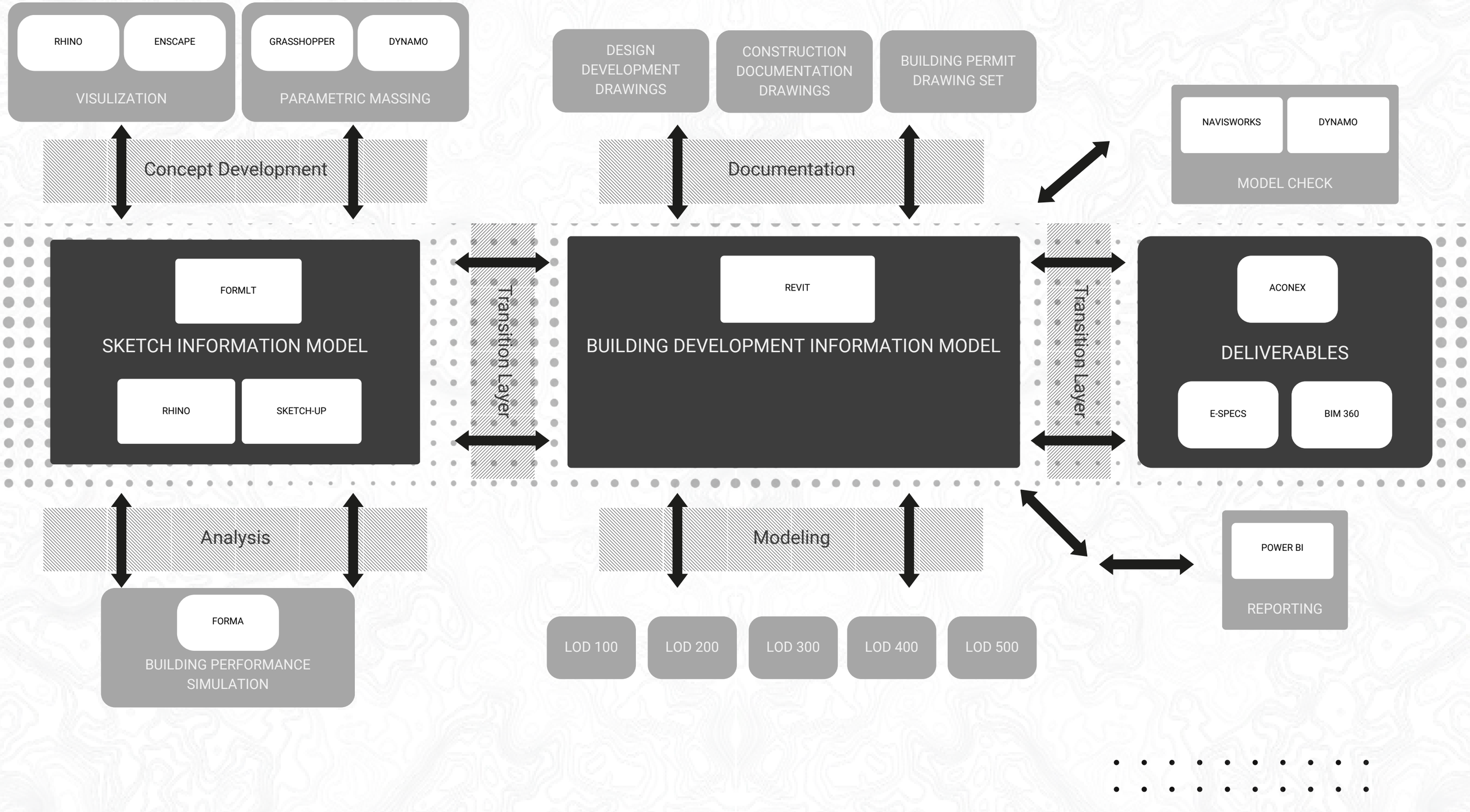
Vision

This commitment to excellence is evident in my portfolio, which encompasses a diverse range of projects, from complex urban developments to customized residential designs. I thrive on challenges and utilize cutting-edge technology to provide solutions that are both functional and aesthetically appealing. By promoting a culture of continuous learning and innovation, I prioritize building lasting relationships with clients, taking the time to understand their unique needs, and collaborating closely to realize their visions with creativity and care.

Areas of Expertise

- Architectural Design
- Building Information Modeling
- Interior Design
- Concept & Adaptation
- Construction Documentation

Workflow


RHINO
ENSCAPE
VISULIZATION
GRASSHOPPER
DYNAMO
PARAMETRIC MASSING
Concept Development
DESIGN DEVELOPMENT DRAWINGS
CONSTRUCTION DOCUMENTATION DRAWINGS
BUILDING PERMIT DRAWING SET
Documentation
NAVISWORKS
DYNAMO
MODEL CHECK
FORMLT
SKETCH INFORMATION MODEL
RHINO
SKETCH-UP
Transition Layer
REVIT
BUILDING DEVELOPMENT INFORMATION MODEL
Transition Layer
ACONEX
DELIVERABLES
E-SPECS
BIM 360
Analysis
FORMA
BUILDING PERFORMANCE SIMULATION
Modeling
LOD 100
LOD 200
LOD 300
LOD 400
LOD 500
POWER BI
REPORTING

Services

Design

- Architectural Design
- Interior Design
- Conceptual Design
- Survey
- Construction Documentation Drawings
- As-Built Drawings

BIM

- Scan to BIM Service
- Shop Drawing and Fabrication Drawing Production
- 3D BIM + MEP Modeling Service
- Issued for Construction and Drawing Extraction Service
- 4D BIM Service
- Clash Detection Service
- BIM Coordination and BIM Management
- Revit Family Creation Service
- BIM Model Auditing

Scripting & Automation

- Dynamo Scripts
- Grasshopper for Complex Modeling and Analysis

MOC Educational Complex

MOC Educational Complex

Project : MOC Educational Complex

Company: Archistanbul

Consultant: Arcadis

Client: Diriyah Gate Development Authority

Location: Riyadh / Saudi Arabia

Estimated Budget: 3.500.000.000 $

Role: Team Leader / BIM Specialist

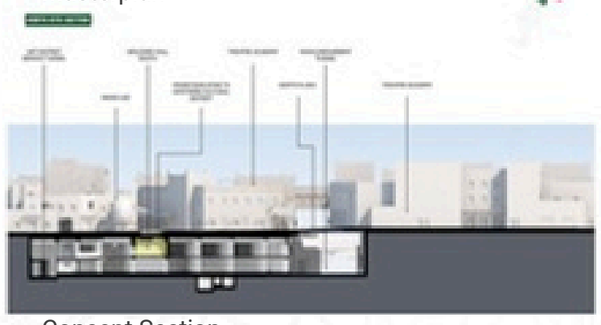
Description:

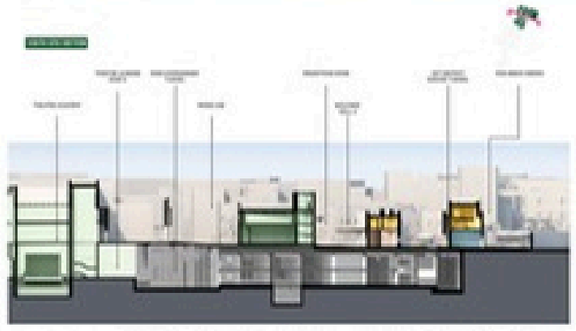
The project is located in Riyadh and plays a significant role in Saudi Arabia's Vision 2030. A key aim is to offer the "Najdi experence" by preserving the region's rich cultural heritage, in line with UNESCO guidelines, within the Diriyah area. Funded by the Diriyah Gate Development Authority (DGDA), the project consists of a complex of buildings, including an Arab Music School, Beit el Ardah,Cinema, Architecture, Culinary, Theatre and Poetry building.

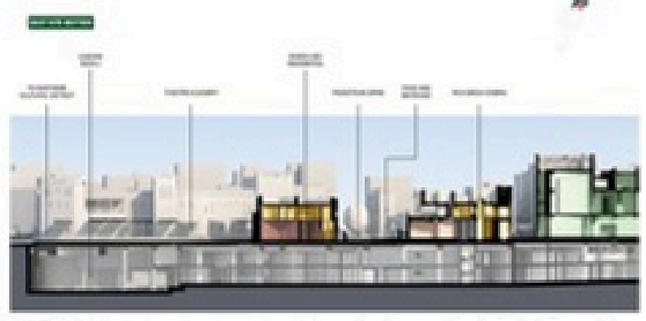
•Led a team of six architects, emphasizing interdisciplinary collaboration with MEP and Structural teams.
• Leading BIM Meetings
• Clash tests and resolutions
• Creating Detail drawings
• Door Hardware, Schedule and Family coordination
• Client meetings for architectural and BOQ coordination
• Custom door family creation for spesific Najdi Doors which reflects the heritage of the area.
• Shop drawing reviews and submissions.
• Revit modeling at LOD300

Architectural Drawings & Details

- Masterplan

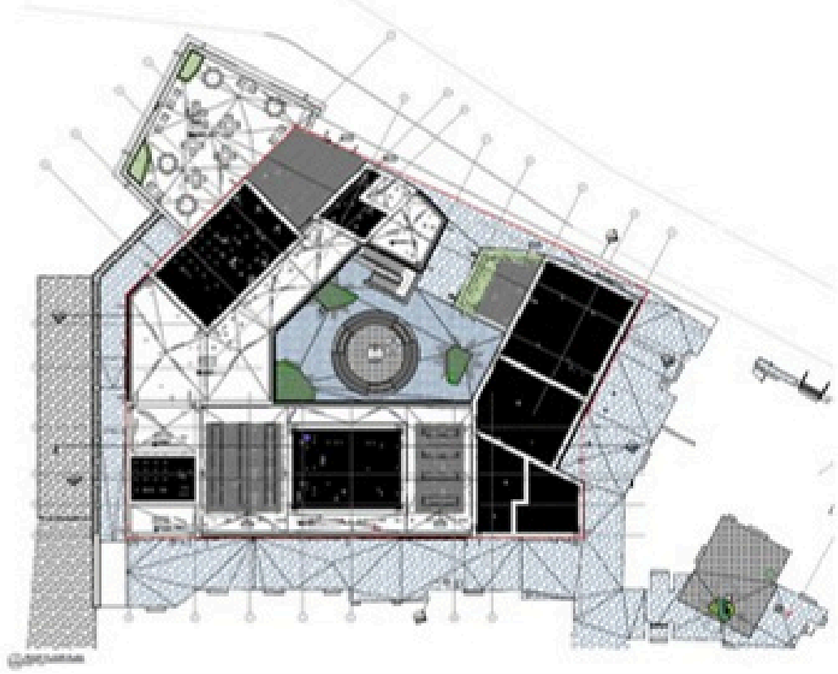




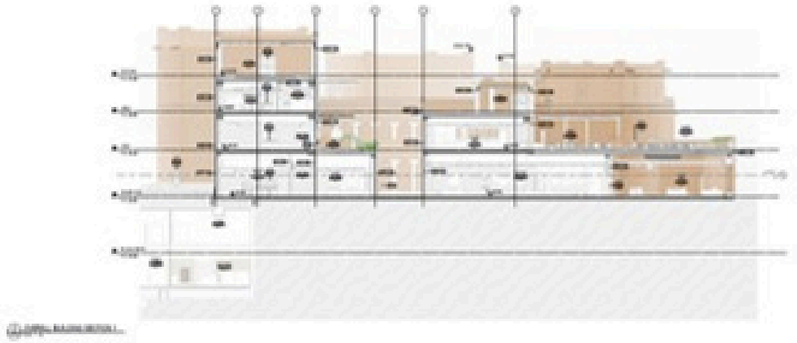


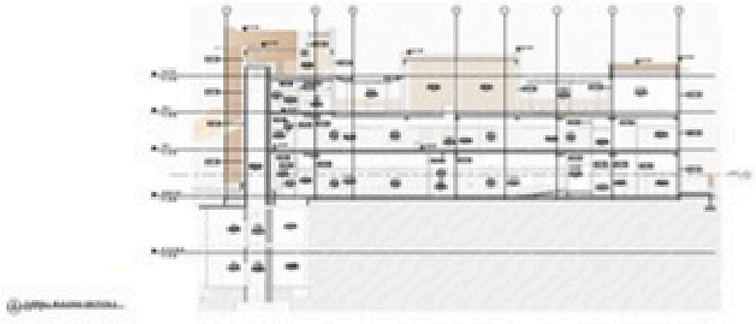
- Concept Section

Architectural Drawings & Details



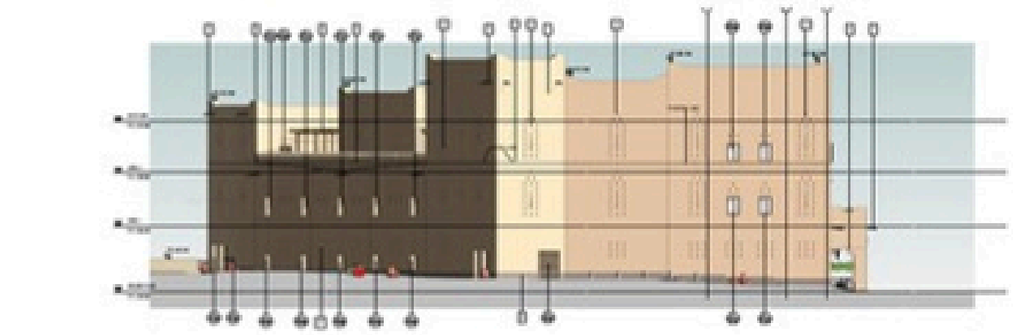
- Plans

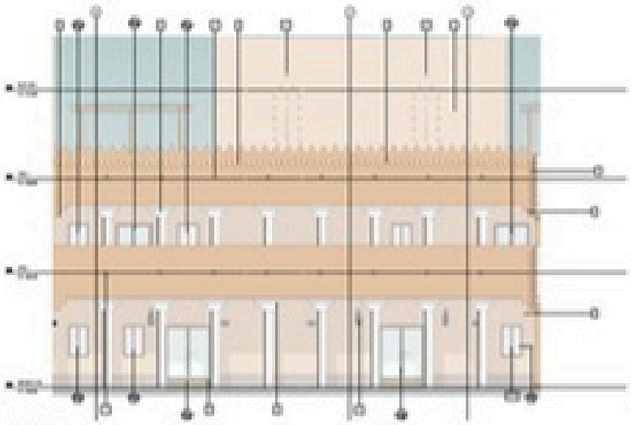


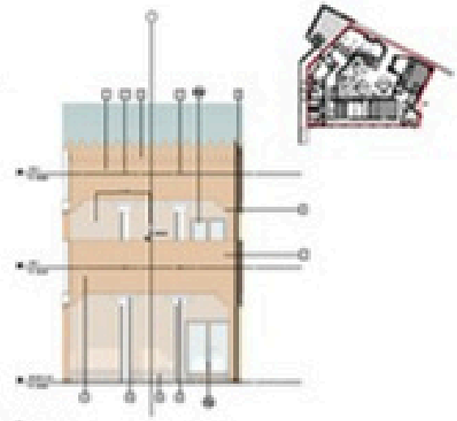


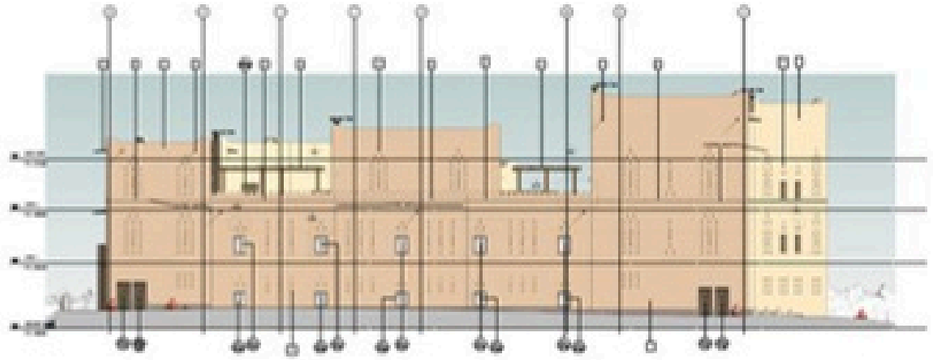
- Sections

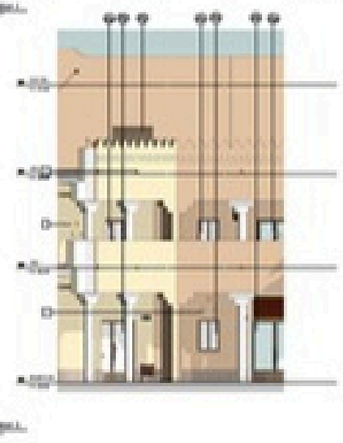
Architectural Drawings & Details

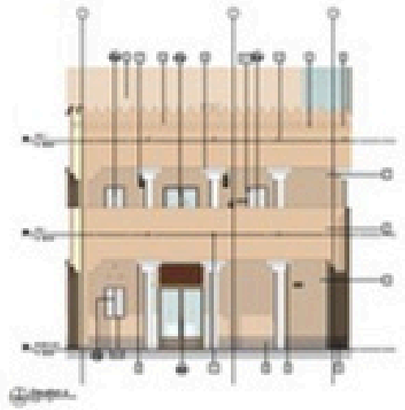




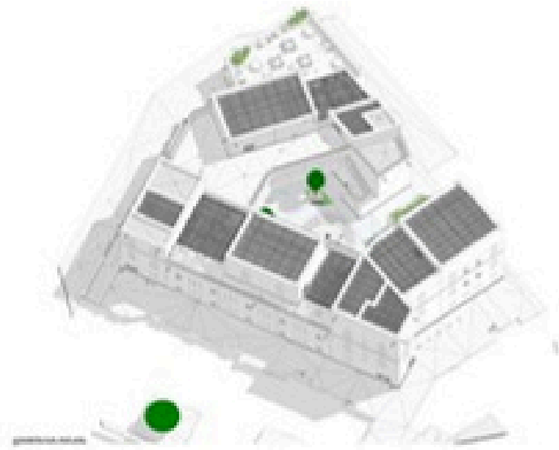






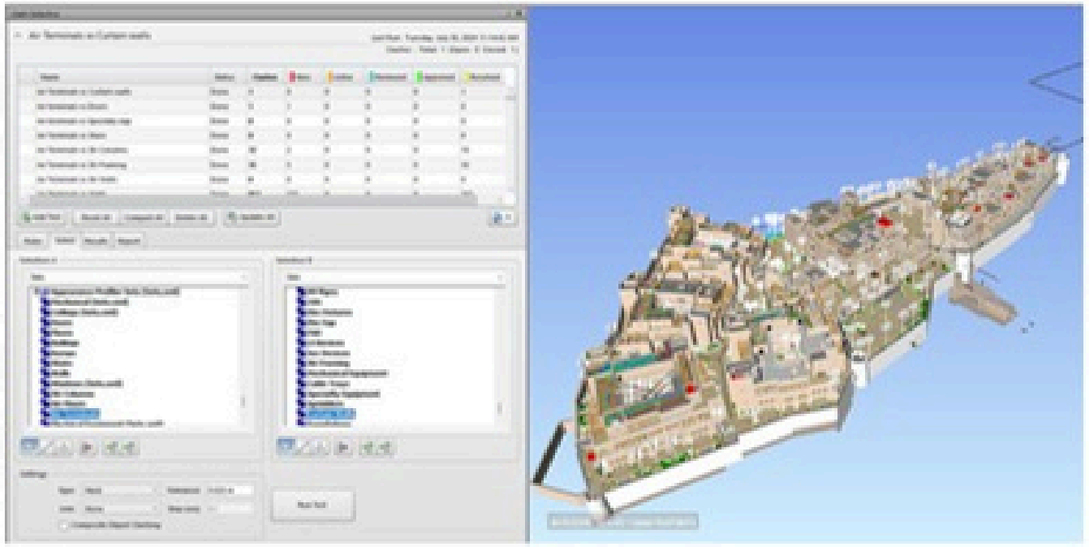


- Elevations



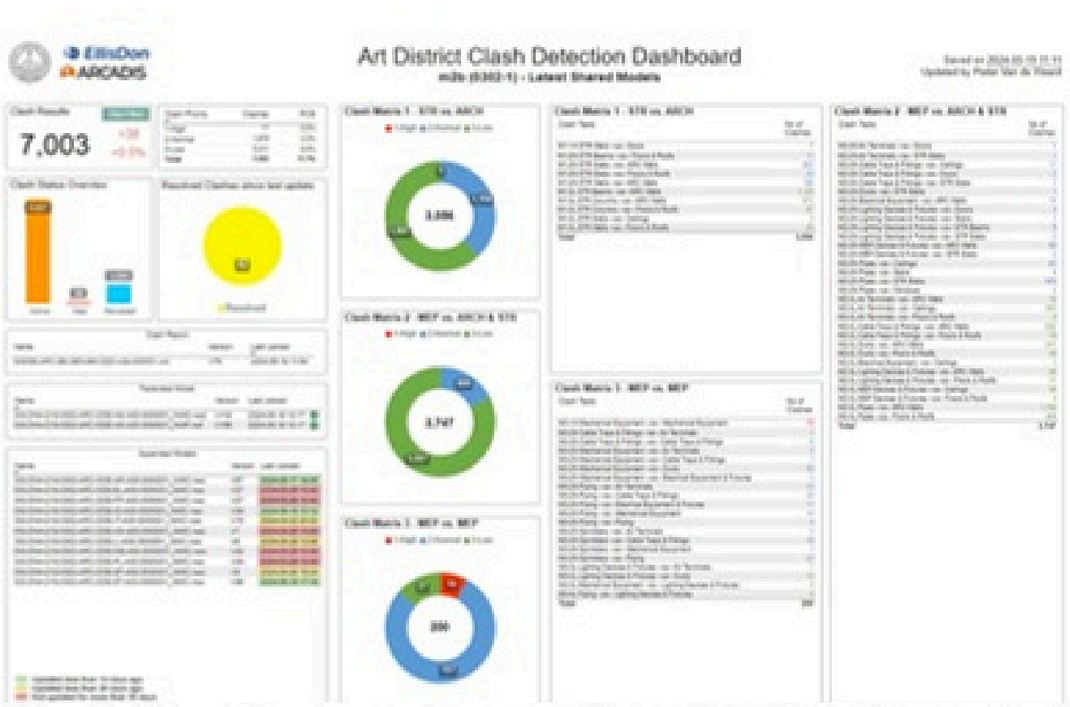
- Isometric Drawings

Architectural Drawings & Details

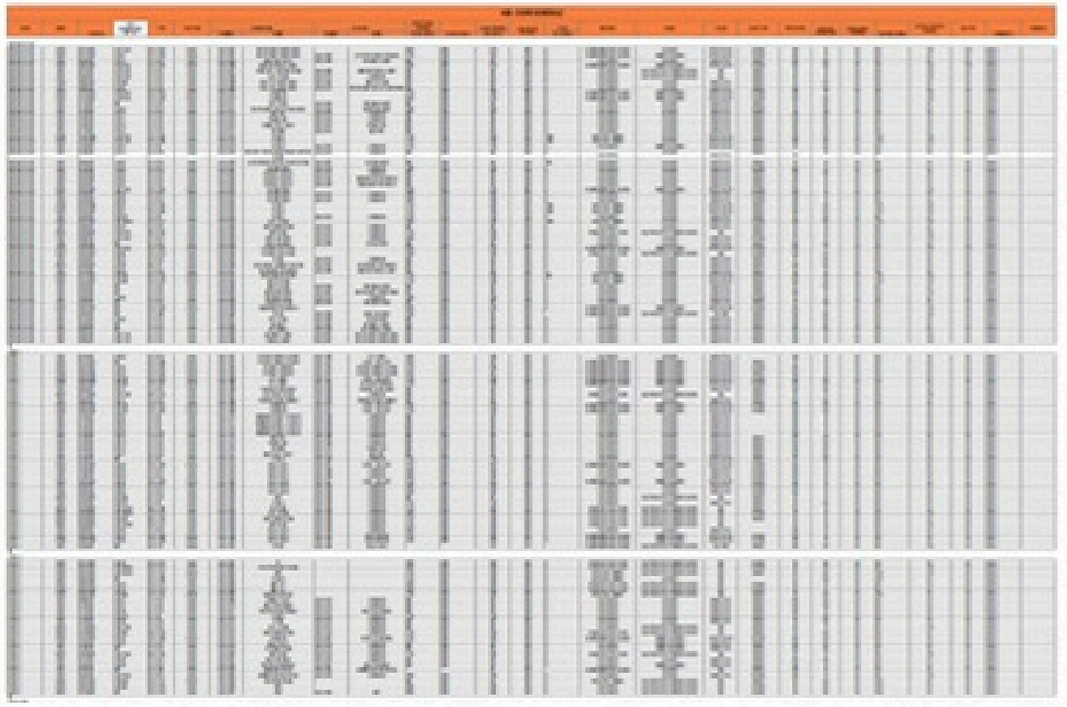


- Clash Tests

- Door Detail Drawings and Ironmongery Sets



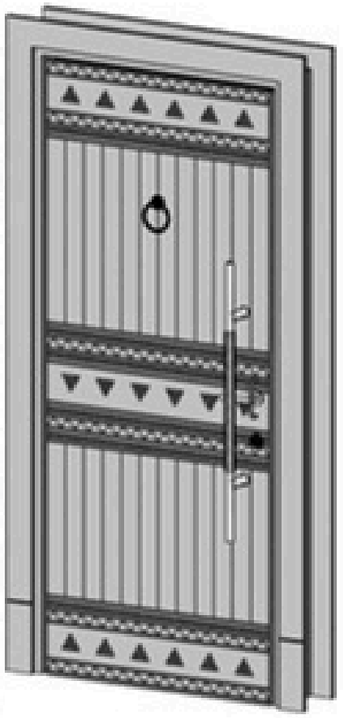
- Clash Detection

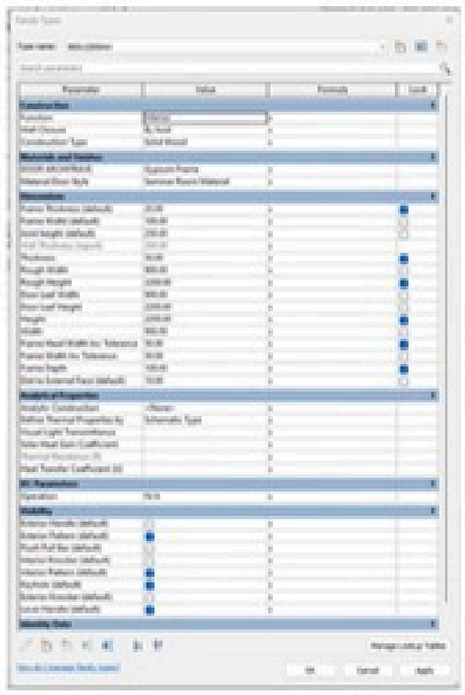


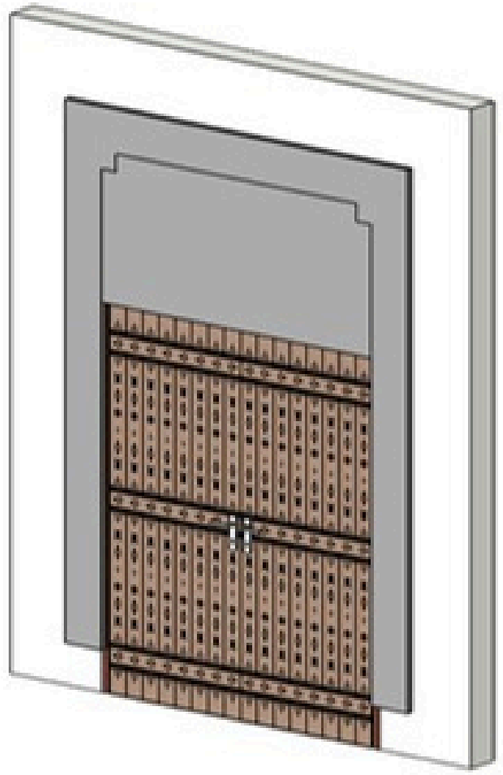
- Detailed Door Schedule

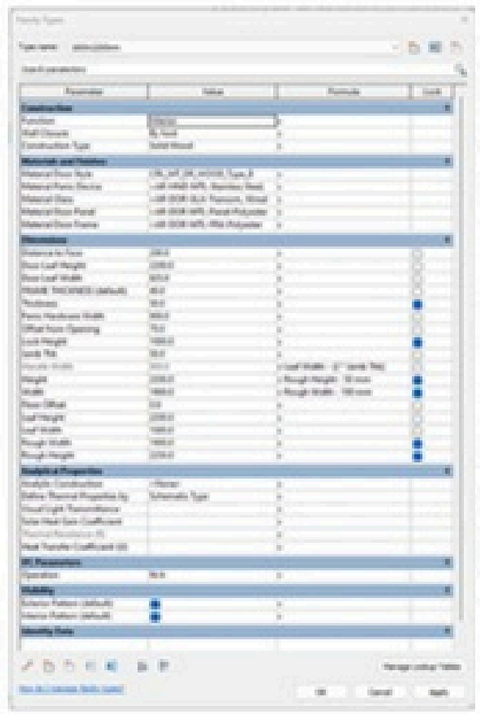
Architectural Drawings & Details

Culinary Building





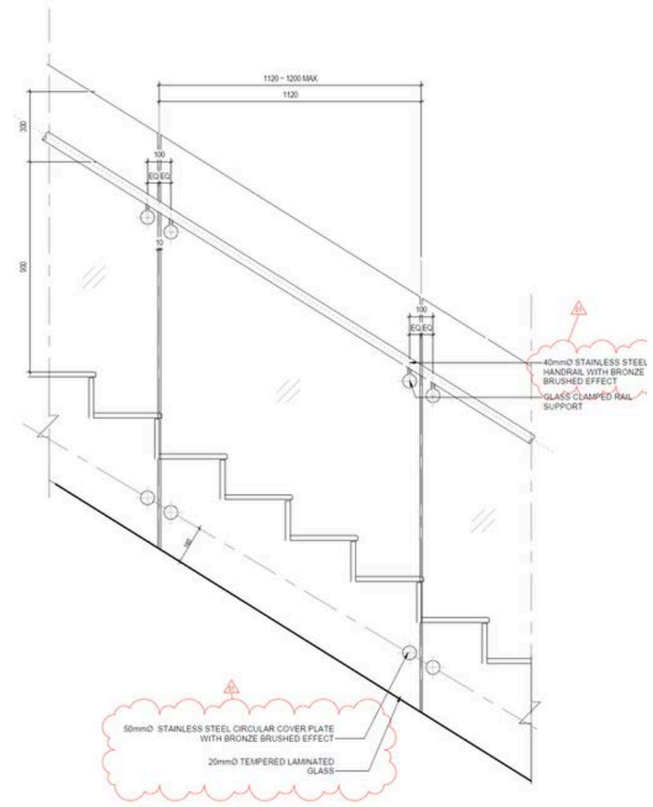


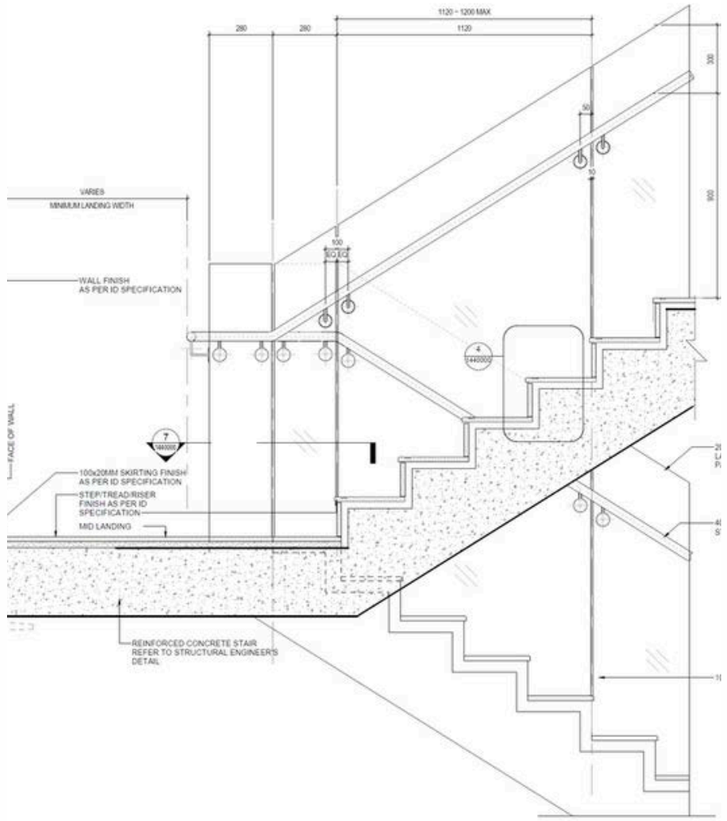


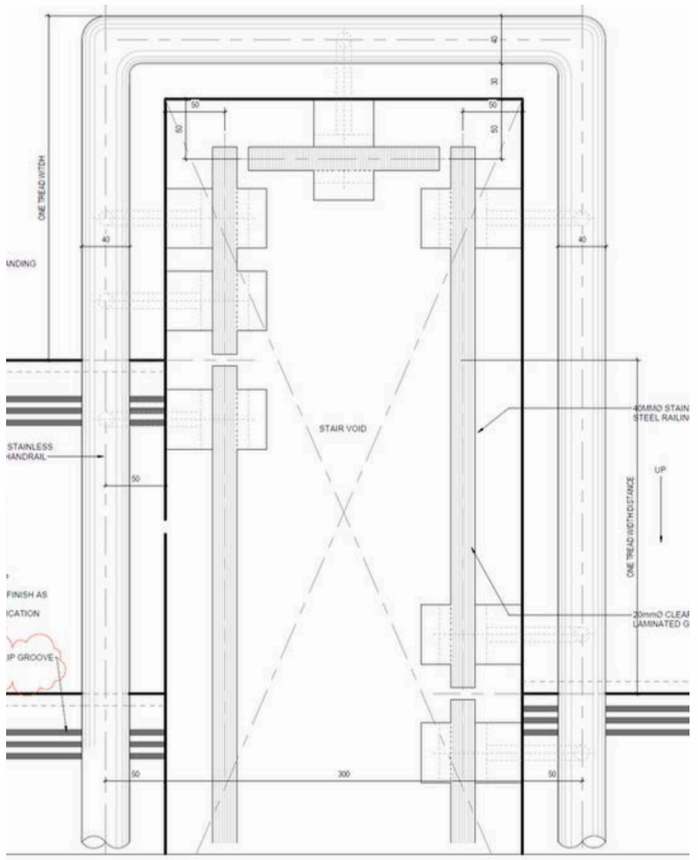
- Complex Door Family Modeling

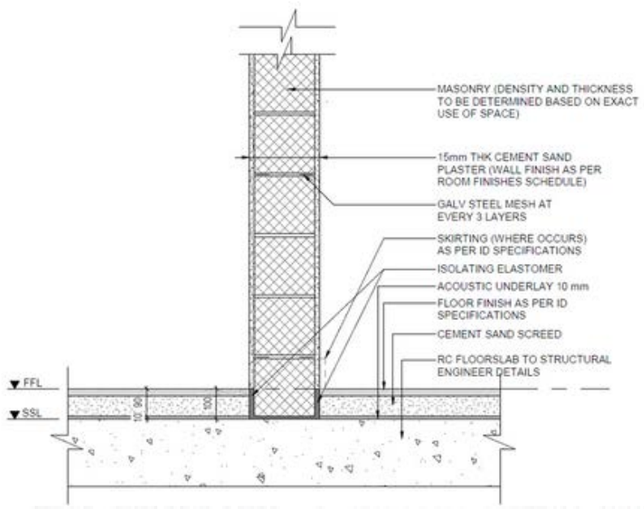
Architectural Details

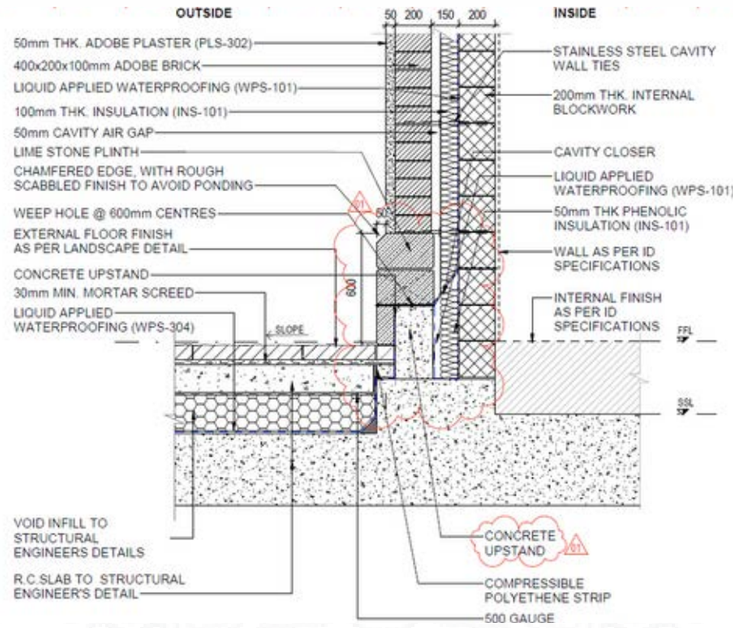
MOC Site Wide Details

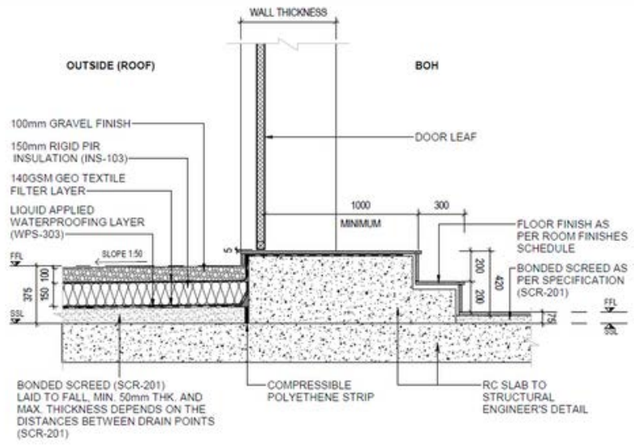




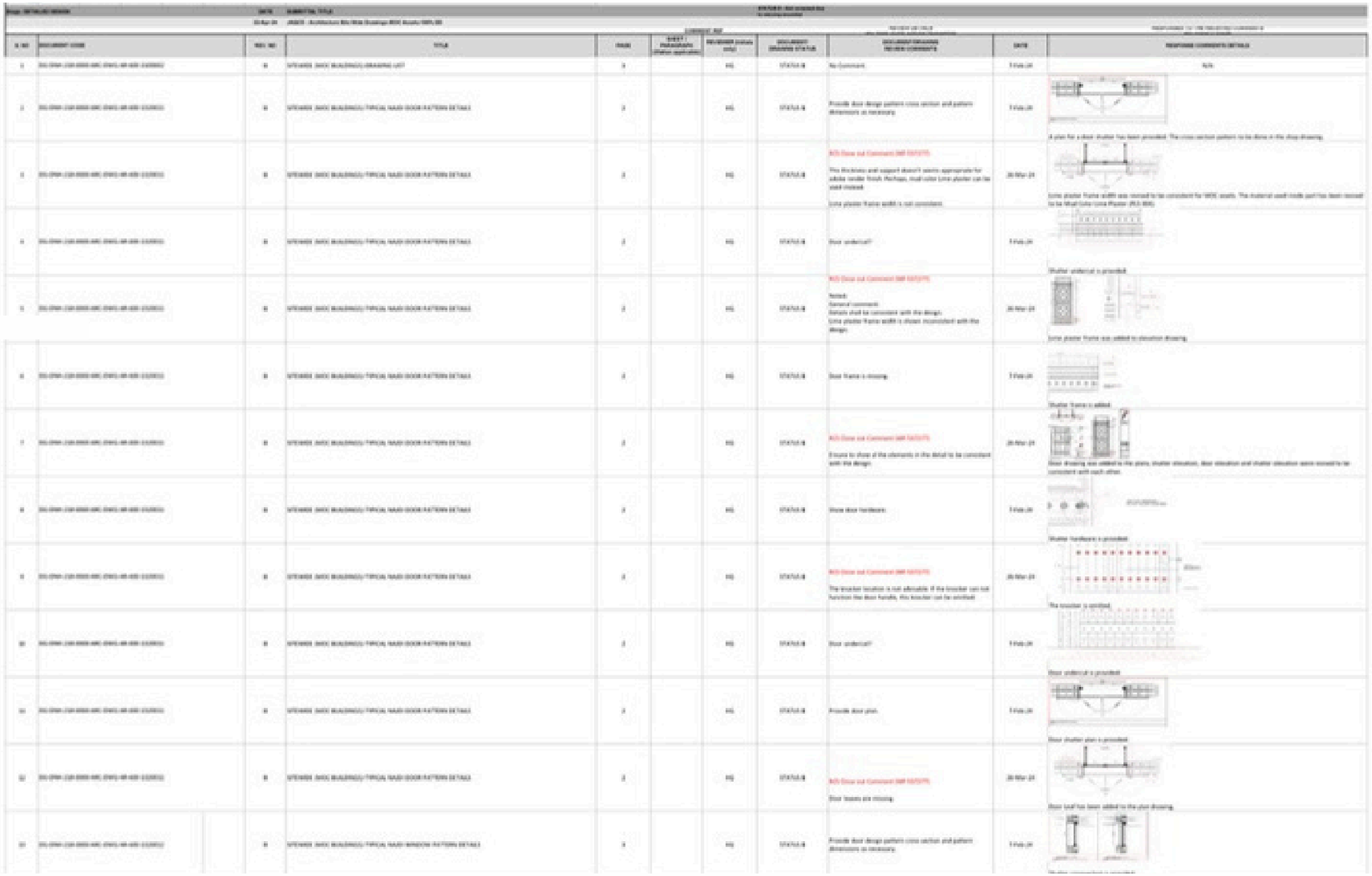






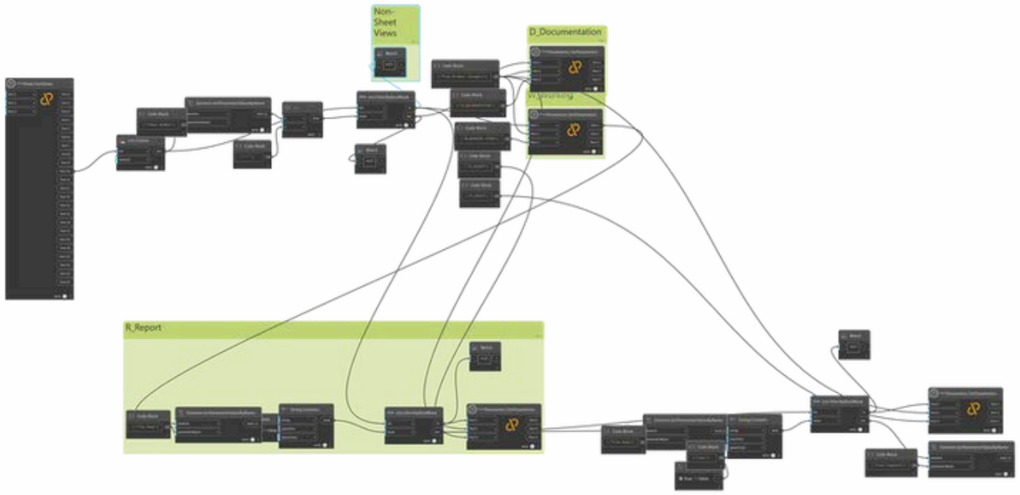


Client Comment Response Sheet Example

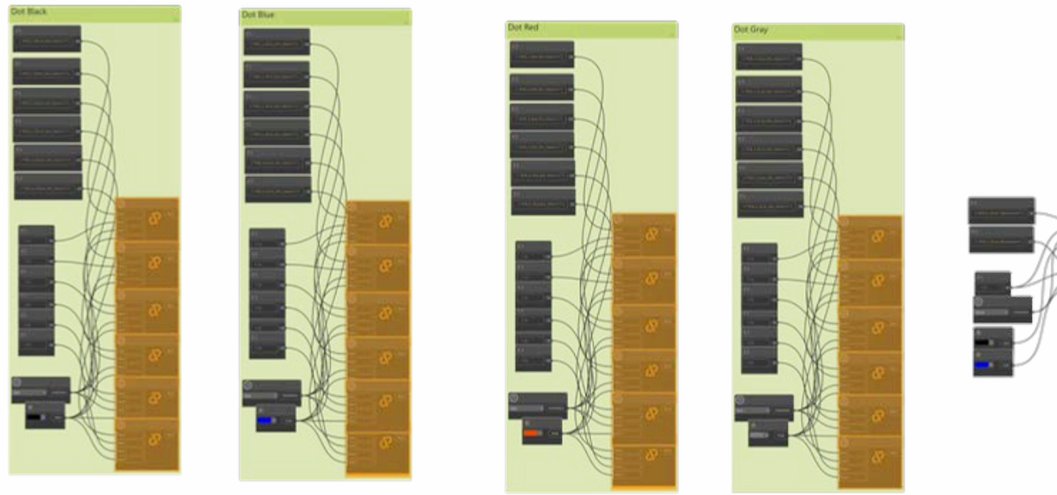


- Client Comment Response Sheet Example

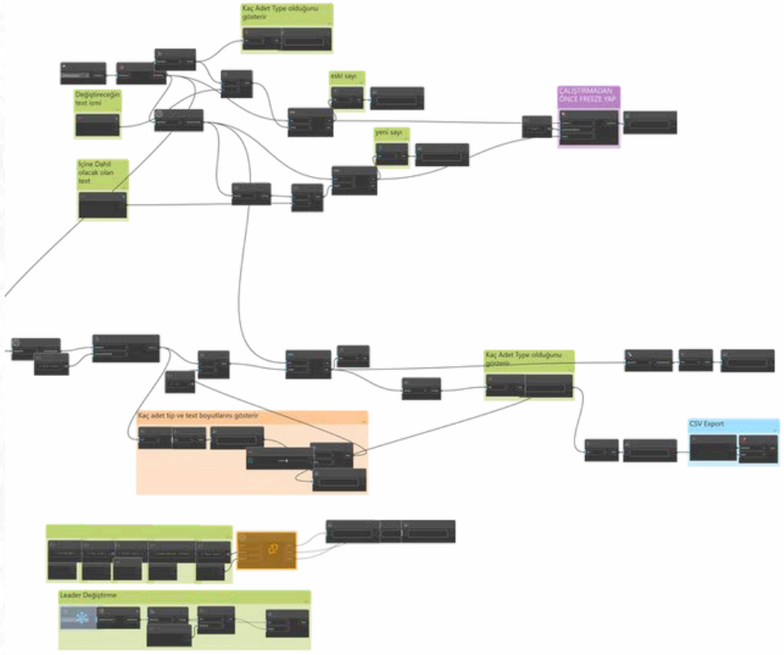
Dynamo Codes for Automation



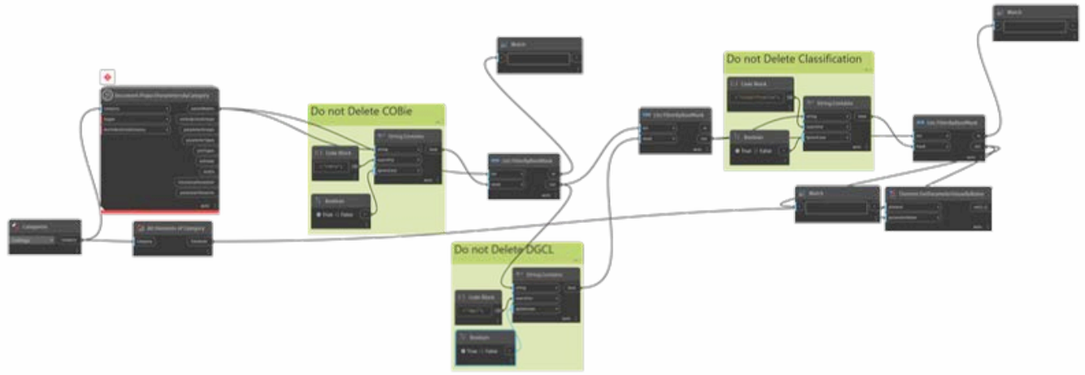
- Browser Organisation



- Linestyle Organisation



- Convert Families and Purge Unused



- Parameter Check and Purge by Category

Kuwait International Airport

Kuwait International Airport

Project : Kuwait International Airport

Company: SFMM Design & Consultancy

Architectural Designer & Consultant: Foster & Partners

Contractor: Limak Construction

Location: Kuwait City / Kuwait

Estimated Budget: 2.400.000.000 $

Role: BIM Architect

Description:

Furniture Package
Presenting the necessary revisions generated during the coordination process to the consultant (F&P) for the approval. Preparing meeting reports & presentations. Furniture setting out coordination with electrical and ICT teams. BoQ preparation for furniture types in Revit. Family creation & revisions in Revit. Shop Drawing production & review.

Wet Areas Package
Shop drawing submission. Coordination with MEP & Structural teams. Preparing 1/20 scale BIM Models and shop drawing submission to consultants. Preparing meeting reports & presentations.

Telecommunication Room Package
Coordination with Electric, ICT, MEP & Structural teams. Production of CAD drawings for coordination. Preparing meeting reports & presentations. Power BI presentations to clients & Interdisciplinary teams.

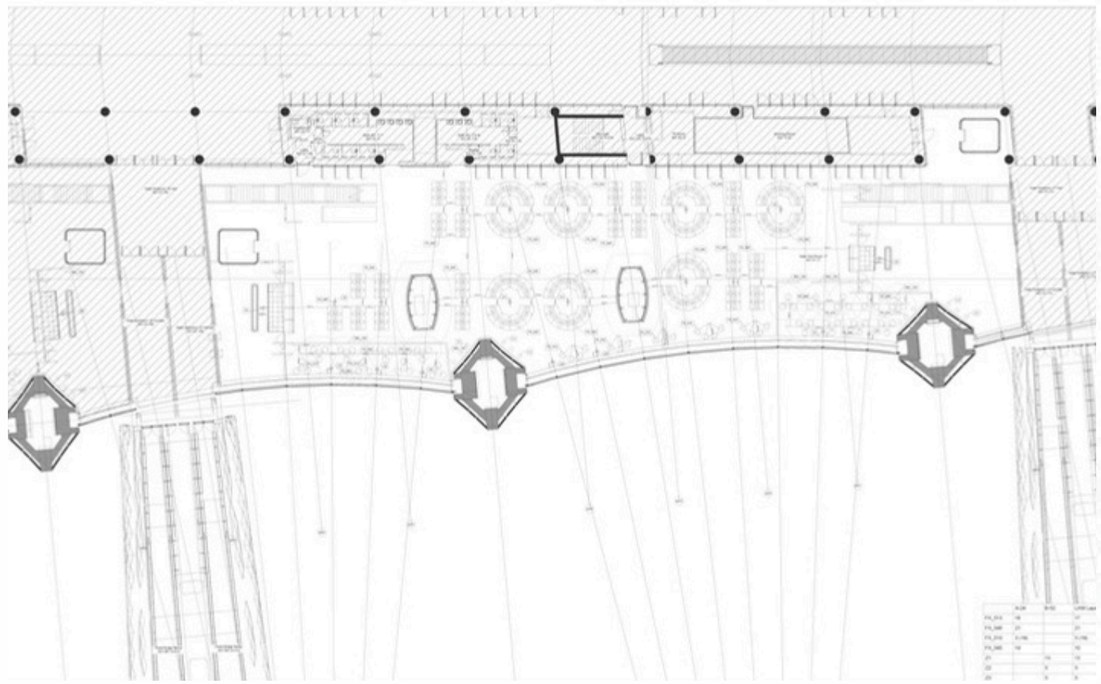
Floor Package
Coordination with Electric & ICT teams. Shop drawing submission. Production of CAD drawings for coordination.

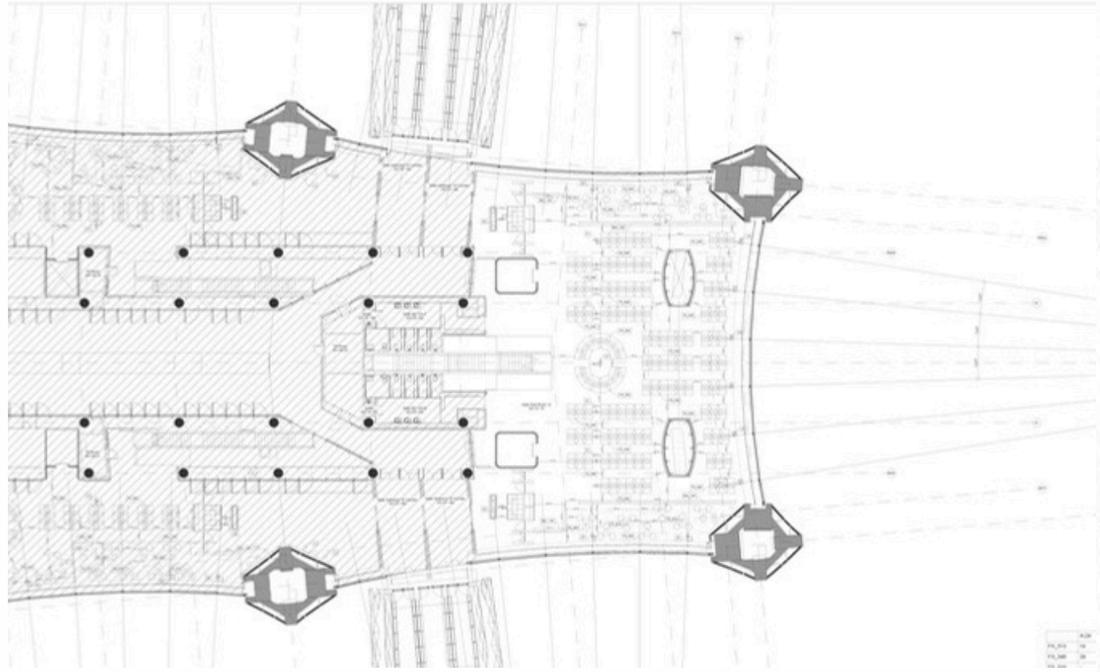
BIM Coordination
Interdisciplinary clash reports analysis in Navisworks with BIM team with respect to construction priorities. Interdisciplinary clash reports analysis in Navisworks. BIM Collab / BCF Manager are used for clash tracking system. Guidance for architectural team members. Guidance for Revit users in architectural team

Furniture Package

Furniture types divided into two as fixed and loose. All these furniture types has data ports and electrical sockets. Therefore there is a direct coordination between Architectural,Electrical and ICT Teams. Each type needs data and electrical cables. Especially fixed furniture requires collobration between architectural and structural teams in order to be in coorelation for the slab and terrazzo stages for leaving enough space for cables and floor boxes.

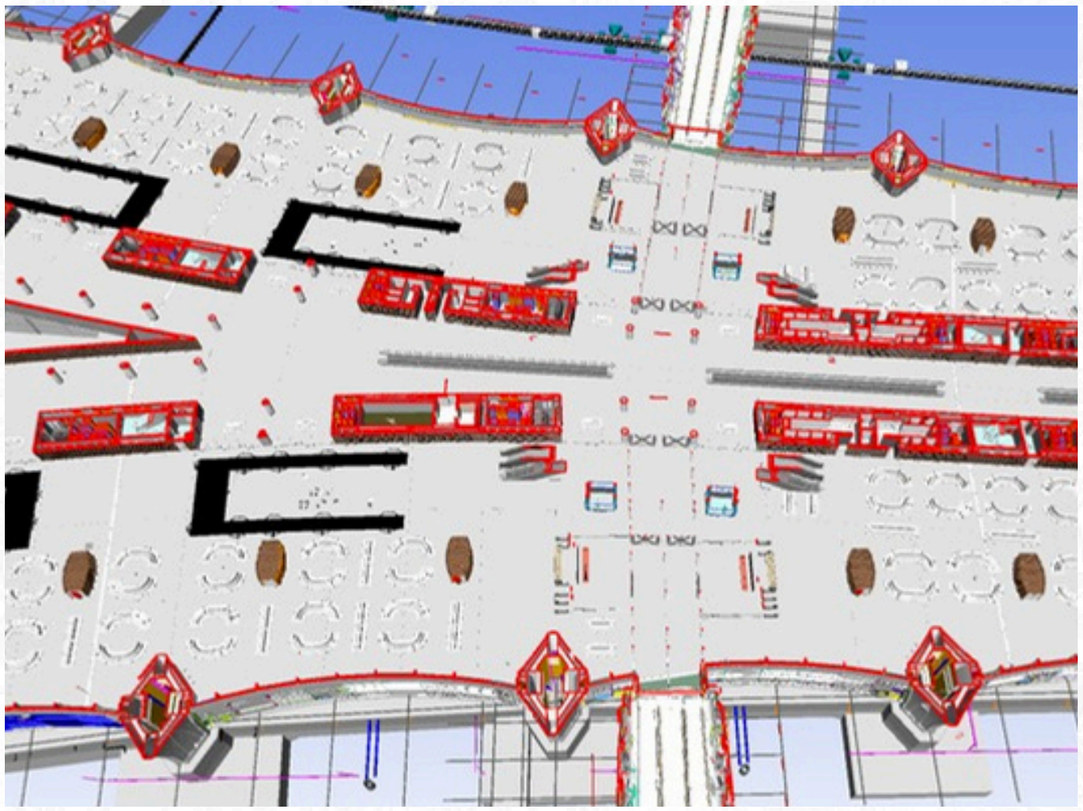
My role involved coordinating furniture placement with various teams, developing furniture families and detailed drawings, as well as preparing Bills of Quantities (BOQ).

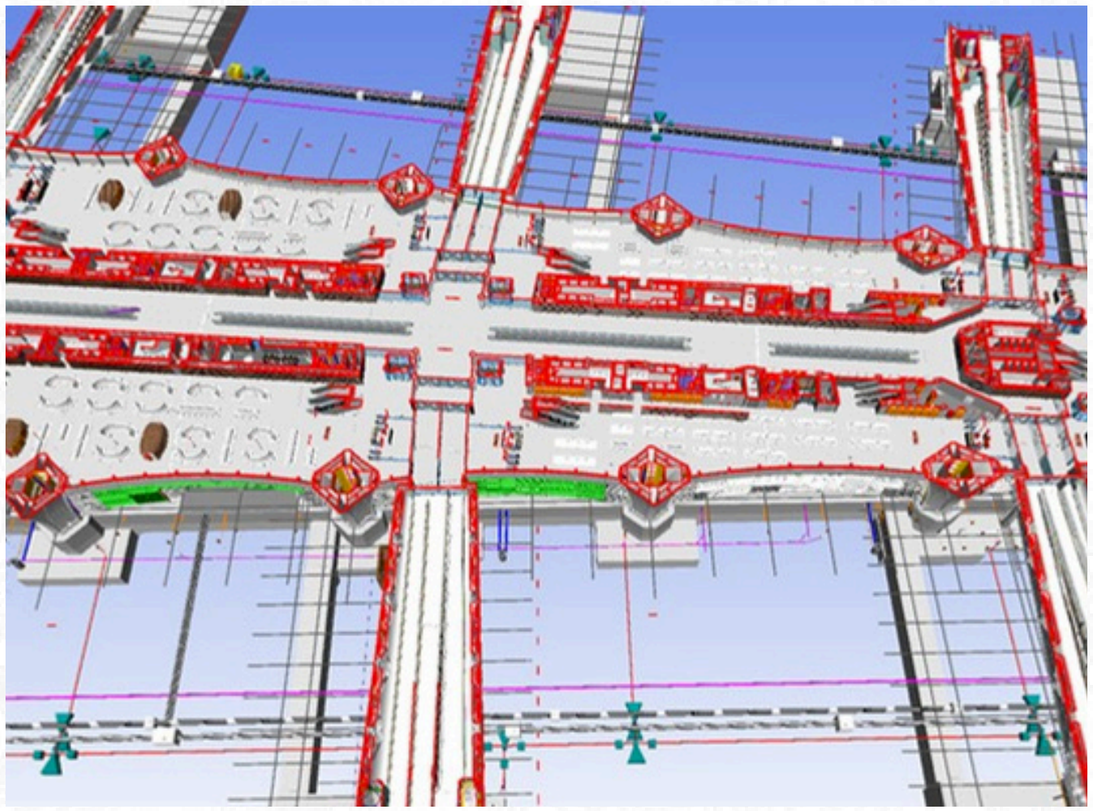




- L100 North Front Furniture Plan and Quantity

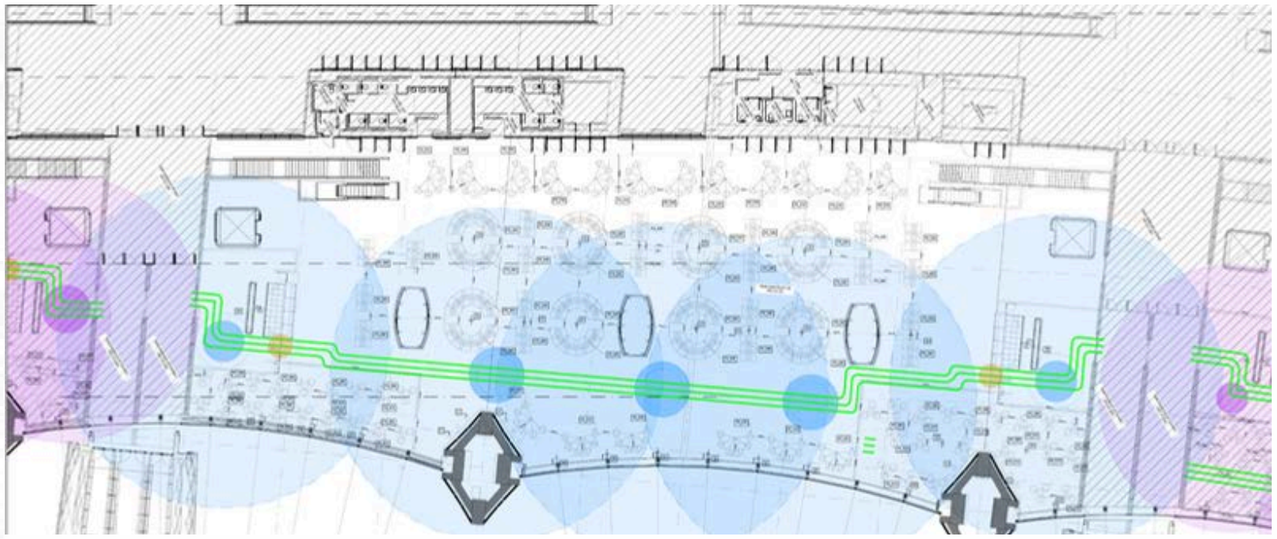
Furniture Package

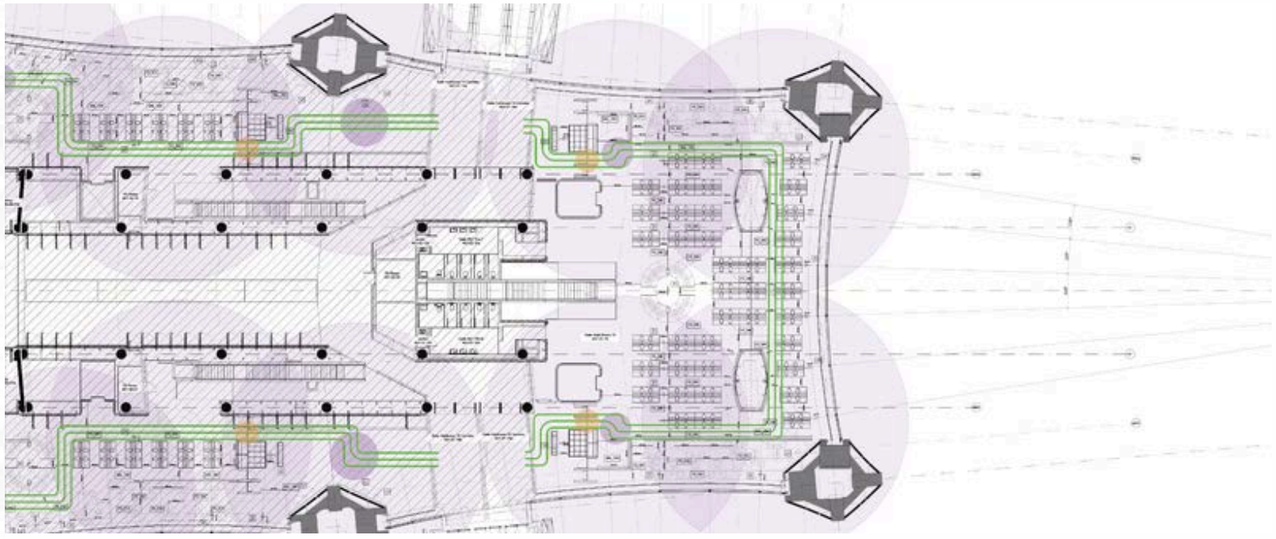




- L100 North Front Furniture Plan and Quantity

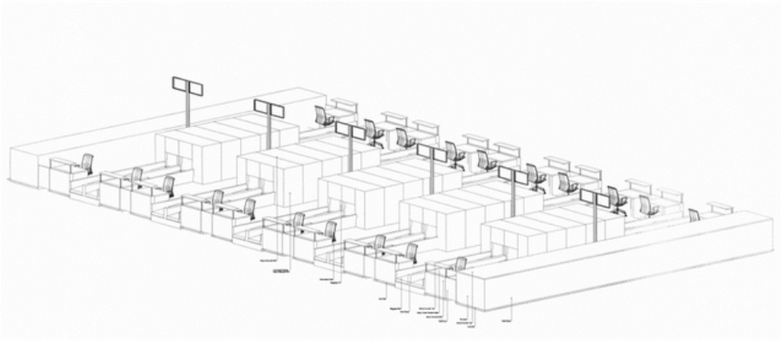
Furniture Package

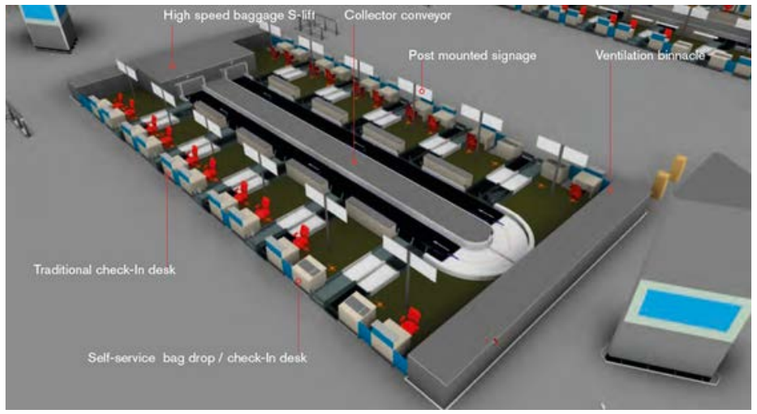


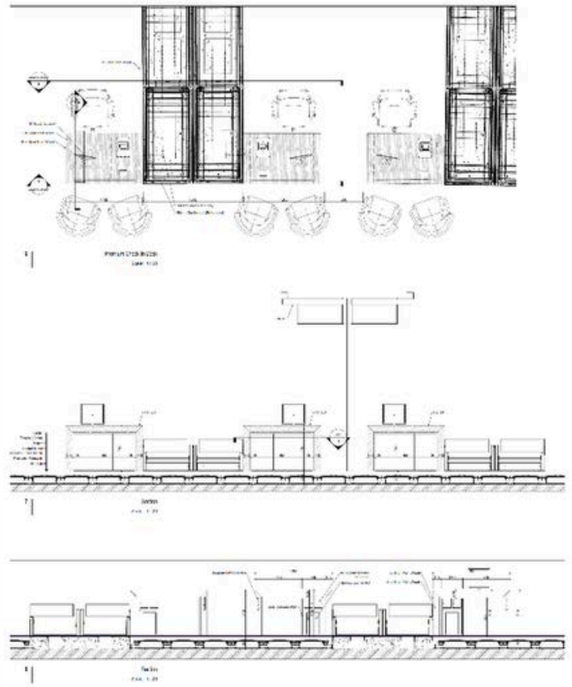


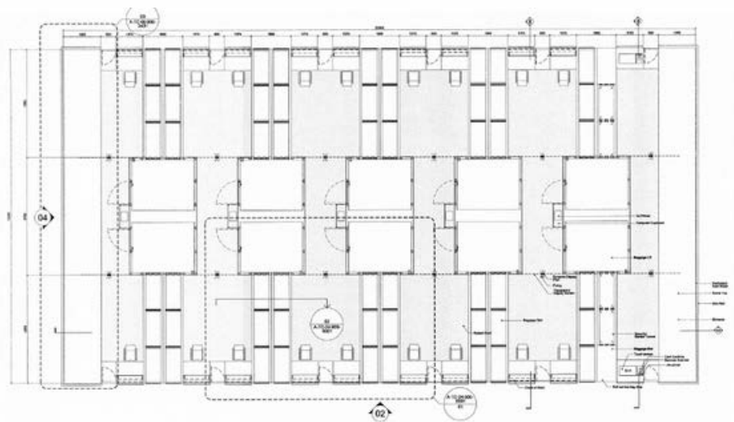
- MEWP Route Studies

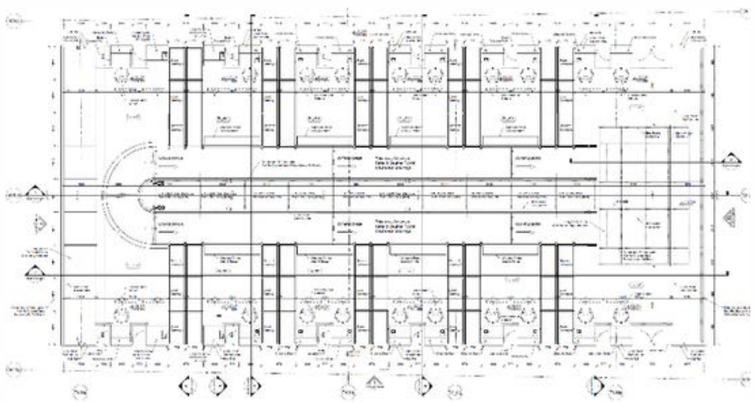
Furniture Package

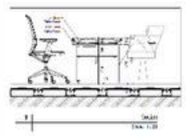


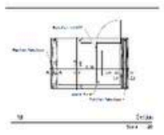


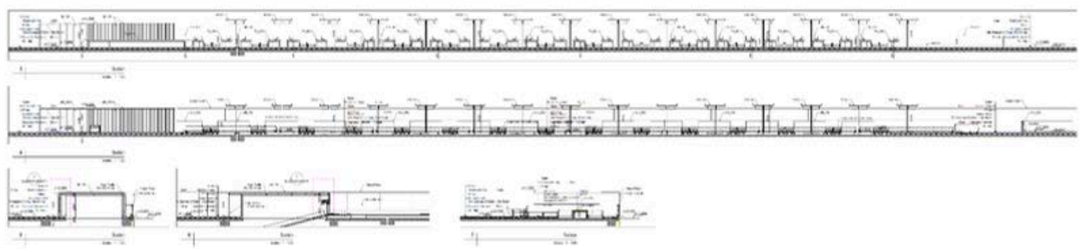


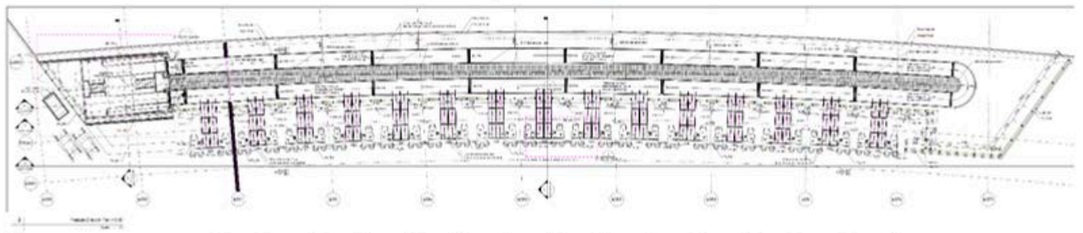








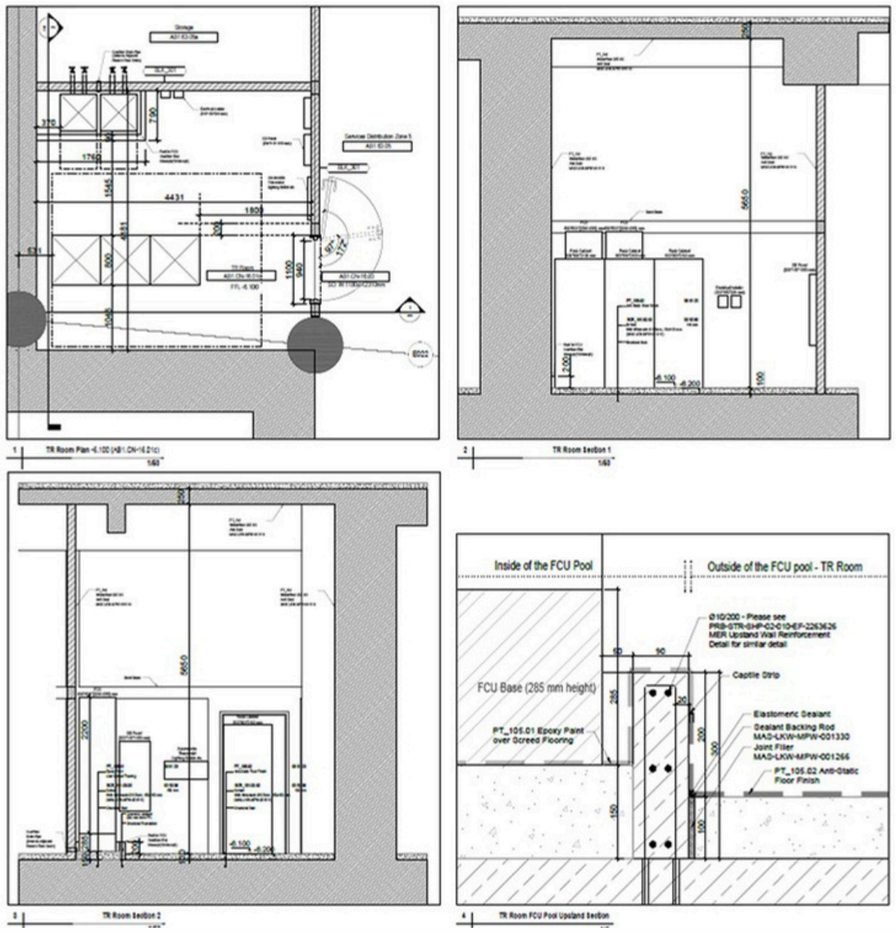




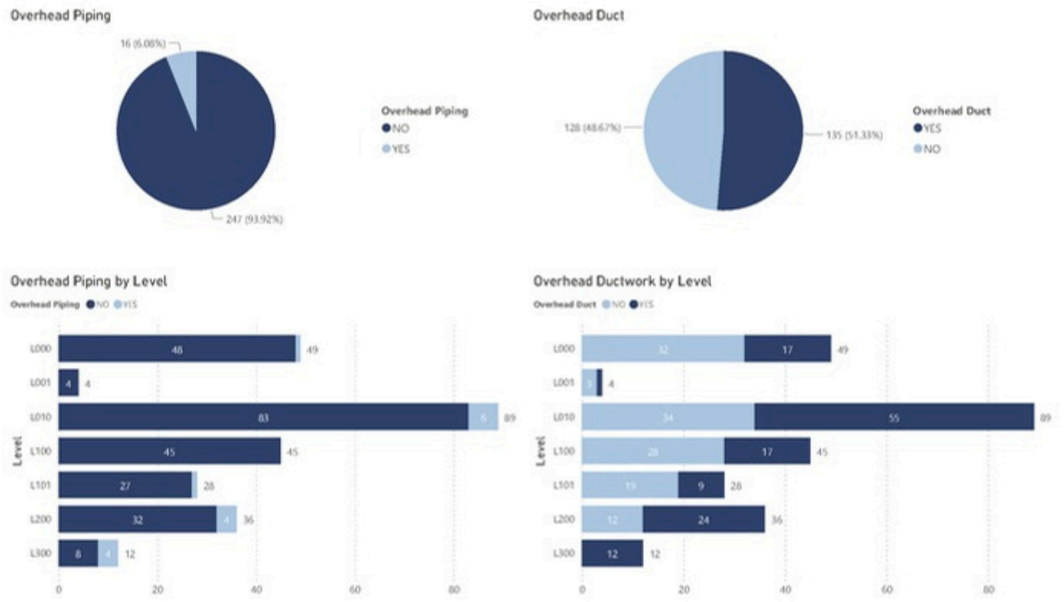
- Fixed Furniture Detail Drawings

Telecommunication Rooms Package

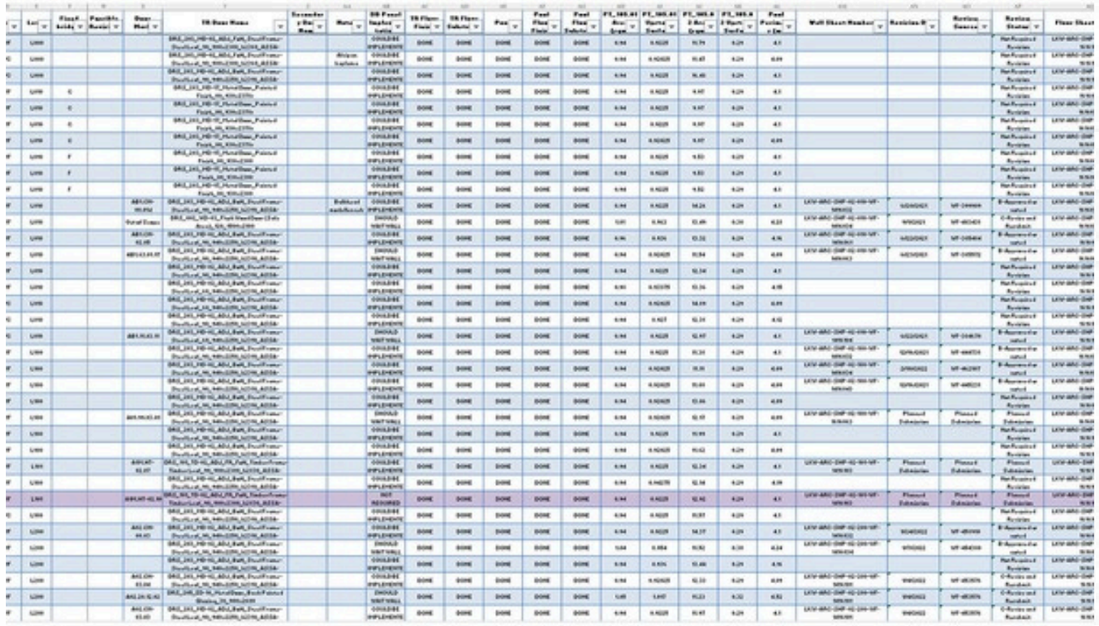
Telecommunication Rooms (TR) serve as the final component of the airport's data distribution system, structured like a pyramid. It begins with the Main Equipment Rooms (MER) located in the basement, continues to the Second Equipment Rooms (SER) on the upper floor, and culminates in the TR Rooms on the upper levels. Adherence to BICSI standards guides the coordination of TR Rooms, particularly concerning the placement of data cabinets and electrical and mechanical equipment. This coordination necessitates collaboration among all teams, utilizing both clash testing and the BIMcollab system to ensure seamless integration.



- TR Room Typical Floor-Wall Finishes and Interface Detail

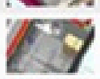


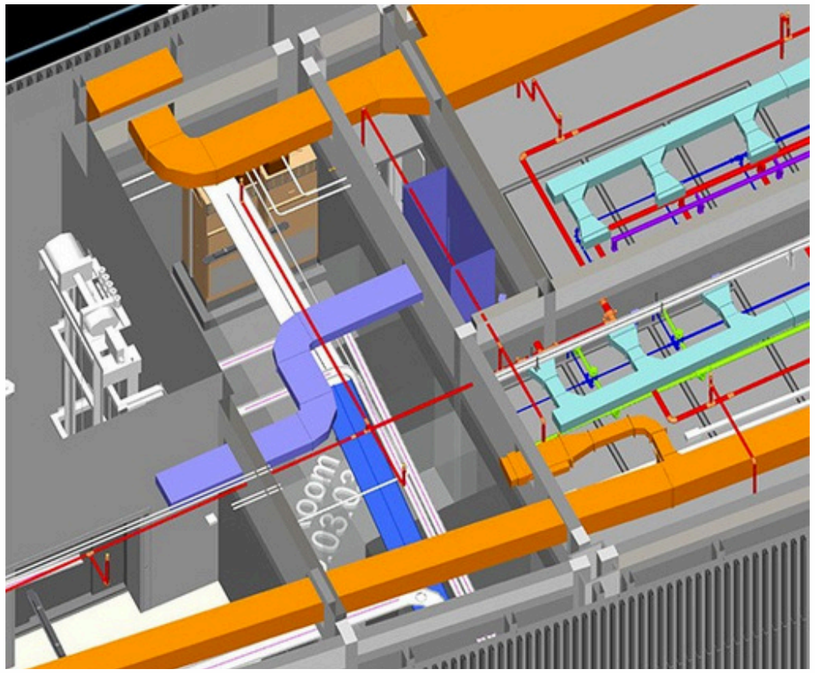
- Power BI Data Integration

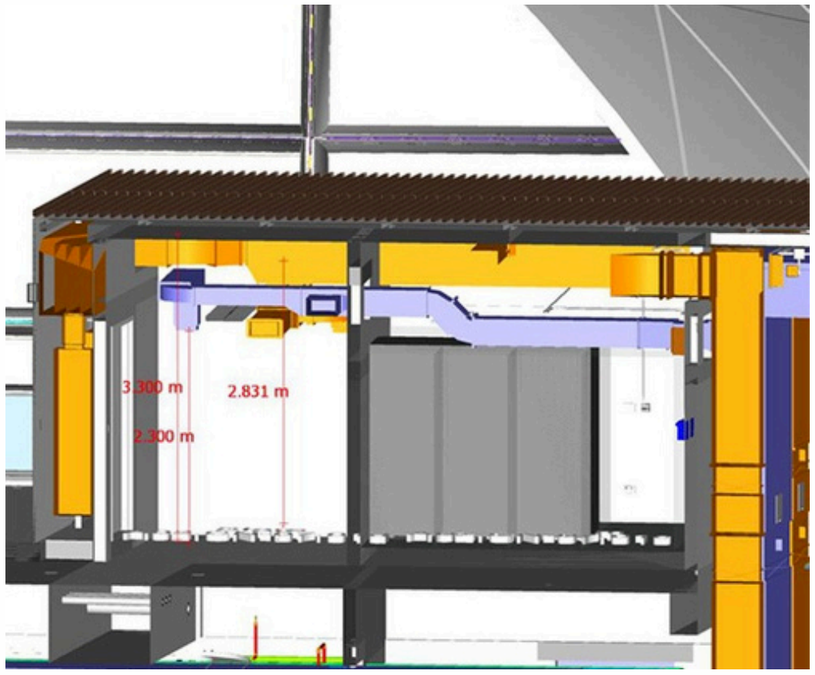


- Detailed ER Meeting Materials

Telecommunication Rooms Package

Snapshot	Nr ▲	Title	Assigned to	Area
	446049	TR 1-010-01	Tony Michel Zekry	02_TEB North Zone
	446050	TR 1-010-02	Tony Michel Zekry	02_TEB North Zone
	446051	TR 1-010-03	Tony Michel Zekry	02_TEB North Zone
	446052	TR 1-010-04	Tony Michel Zekry	02_TEB North Zone
	446053	TR 1-010-05	Tony Michel Zekry	02_TEB North Zone
	446054	TR 1-010-06	Tony Michel Zekry	02_TEB North Zone
	446055	TR 1-010-07	Tony Michel Zekry	02_TEB North Zone
	446056	TR 1-010-08	Tony Michel Zekry	02_TEB North Zone
	446057	TR 2-010-01	Tarik YAVUZ	02_TEB West Zone
	446058	TR 2-010-02	Tarik YAVUZ	02_TEB West Zone
	446059	TR 2-010-03	Tarik YAVUZ	02_TEB West Zone
	446060	TR 2-010-04	Tarik YAVUZ	02_TEB West Zone
	446061	TR 2-010-05	Tony Michel Zekry	02_TEB West Zone
	446062	TR 2-010-06	Tony Michel Zekry	02_TEB West Zone
	446063	TR 2-010-07	Tony Michel Zekry	02_TEB West Zone
	446064	TR 3-010-01	Tony Michel Zekry	02_TEB East Zone
	446065	TR 3-010-02	Tarik YAVUZ	02_TEB East Zone
	446066	TR 3-010-03	Tarik YAVUZ	02_TEB East Zone
	446067	TR 3-010-04	Tarik YAVUZ	02_TEB East Zone
	446068	TR 3-010-05	Tony Michel Zekry	02_TEB East Zone

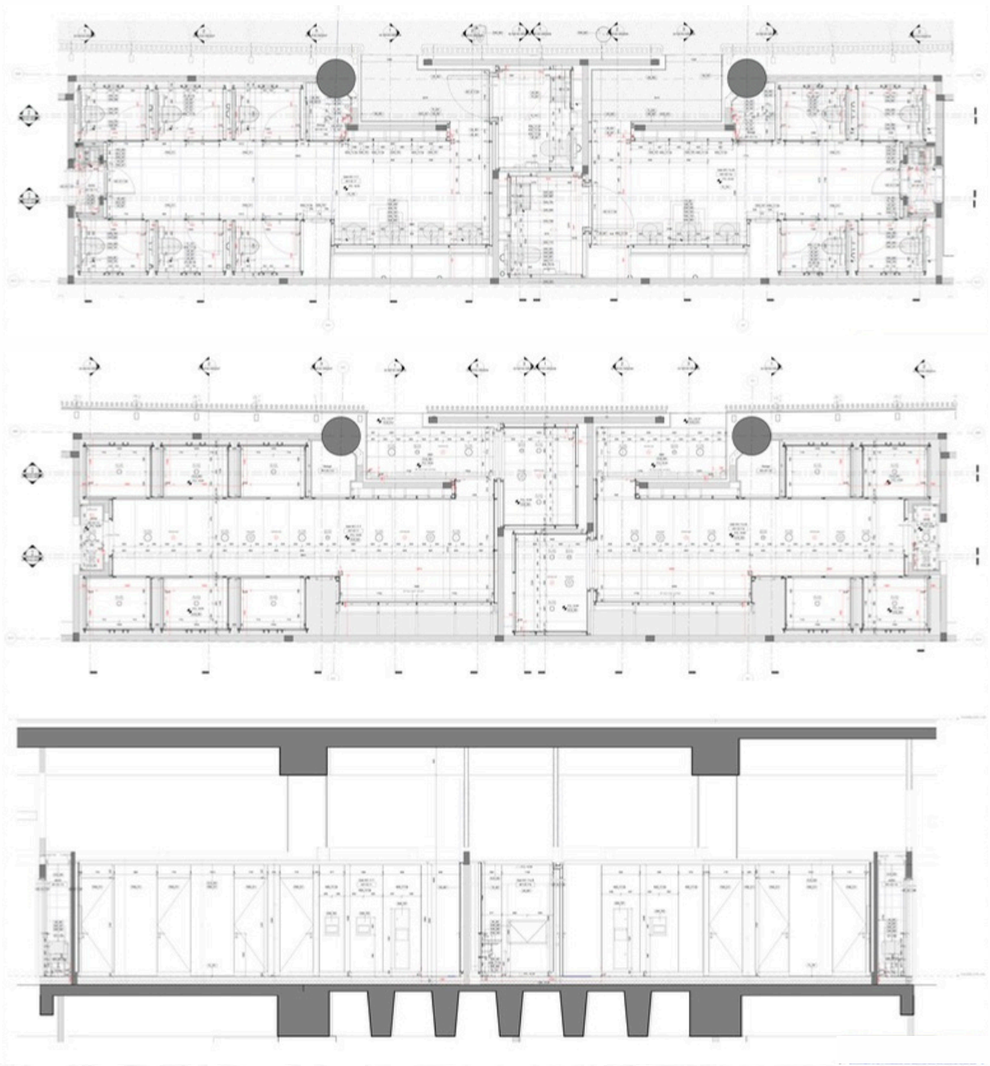




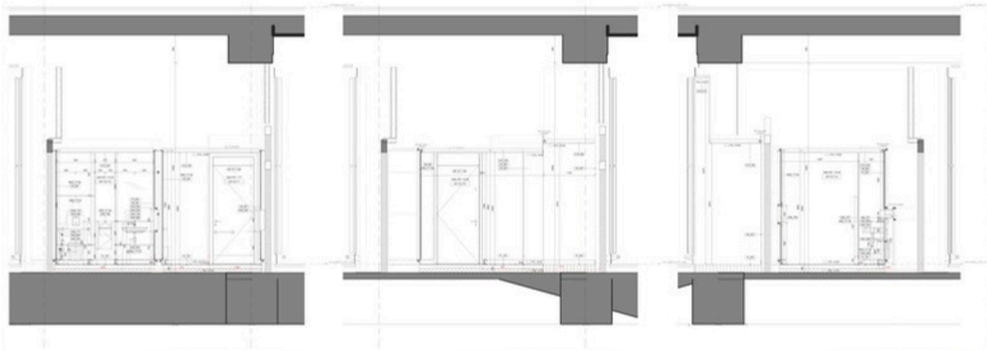
- Coordination through Bimcollab and Navisworks

Wet Areas Package

In the wet areas package, the primary goal was to secure approval for 1:20 scale drawings, including toilets, prayer rooms, and pantries. Coordination was essential, adhering to approved design criteria and adapting to site conditions, in collaboration with MEP and Structural teams. All sanitary accessory families were developed in close coordination with sub-contractors to ensure consistency and compliance with project standards. I have completed more than 20 toilets and pantries submission.

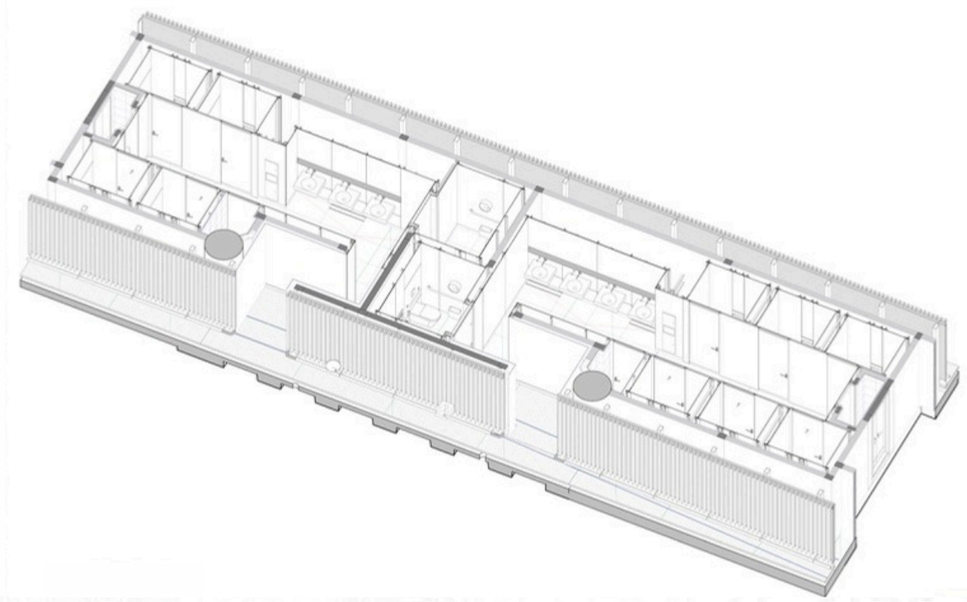


- Approved drawings of Gate WC 11 M&F



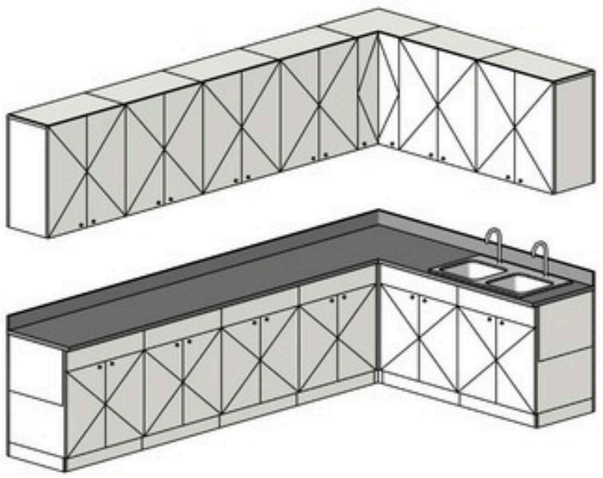
- Navisworks Image

- Navisworks Image

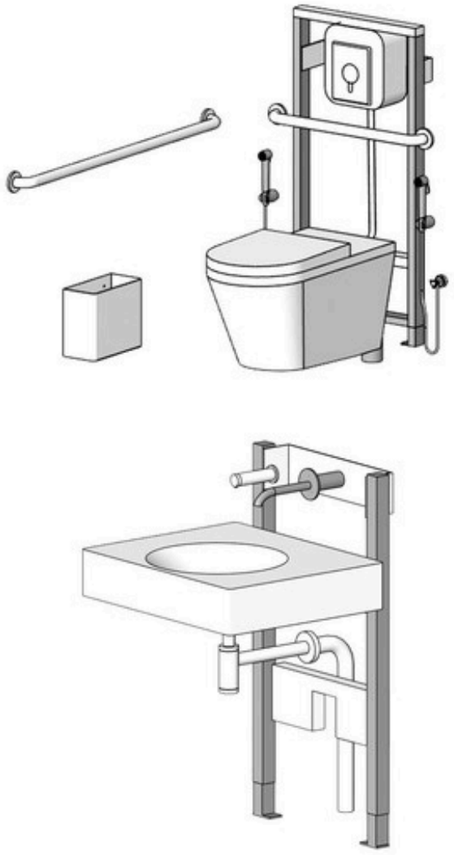


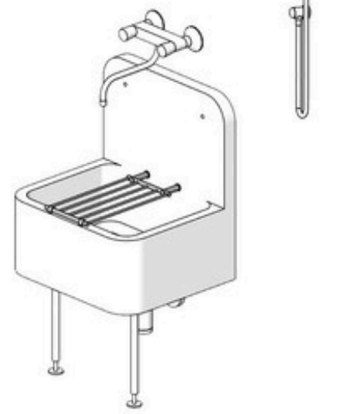
- Approved drawings of Pantry A01.34.06

Wet Areas Package



- Parametric Casework Families

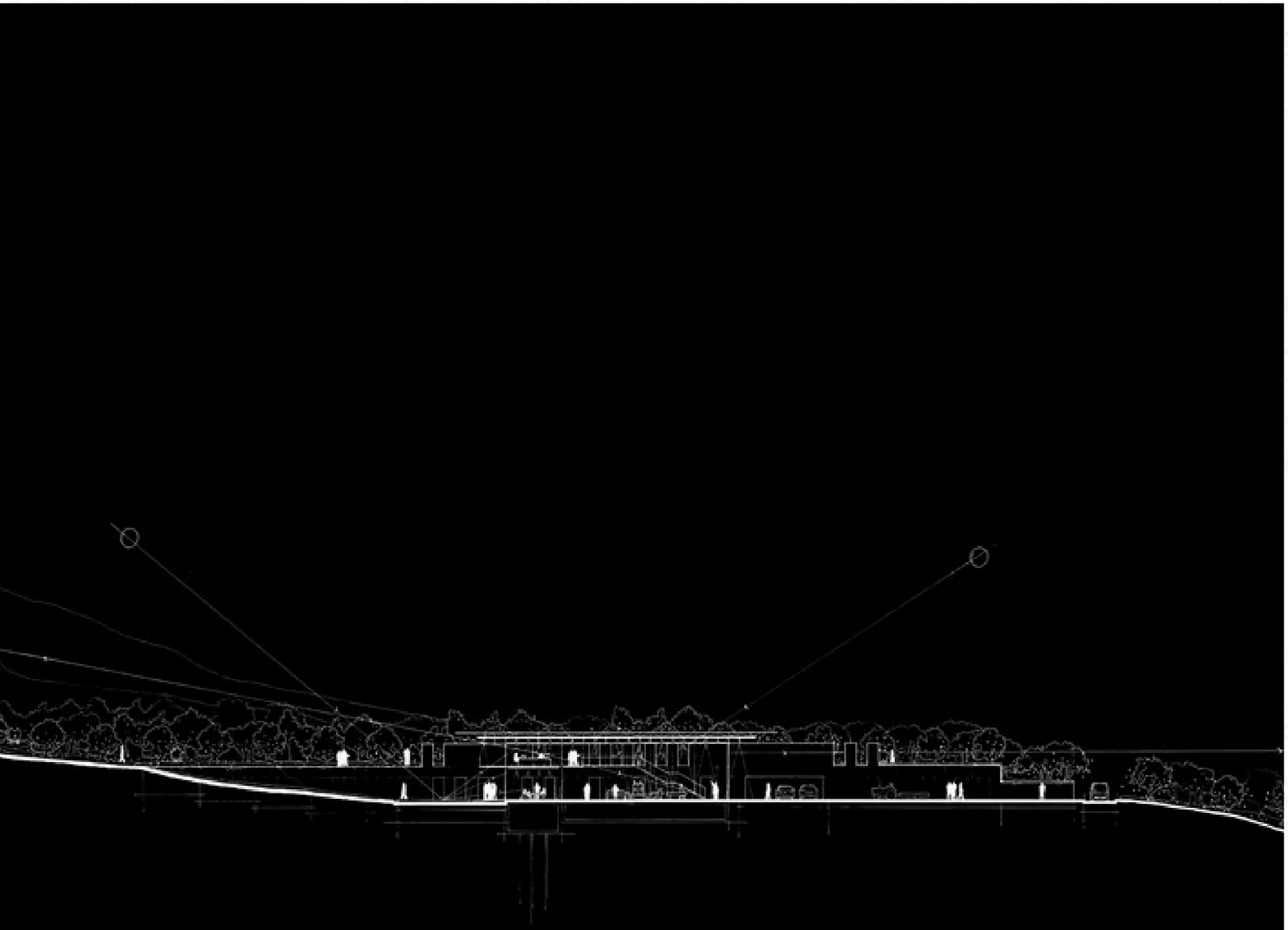




- Complex Family Creation

Olive Oil Mill

Olive Oil Mill



Project : GSF Olive Oil Factory

Company: Teke Architects

Client: Private Work

Location: Karaburun / Izmir

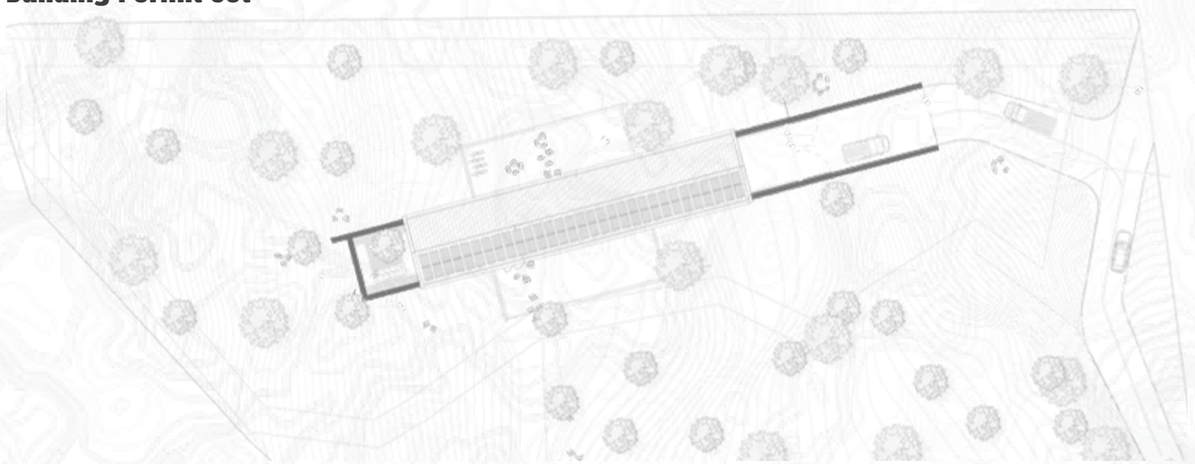
Estimated Budget: 7.000.000 €

Role: BIM Specialist - Freelance Architect

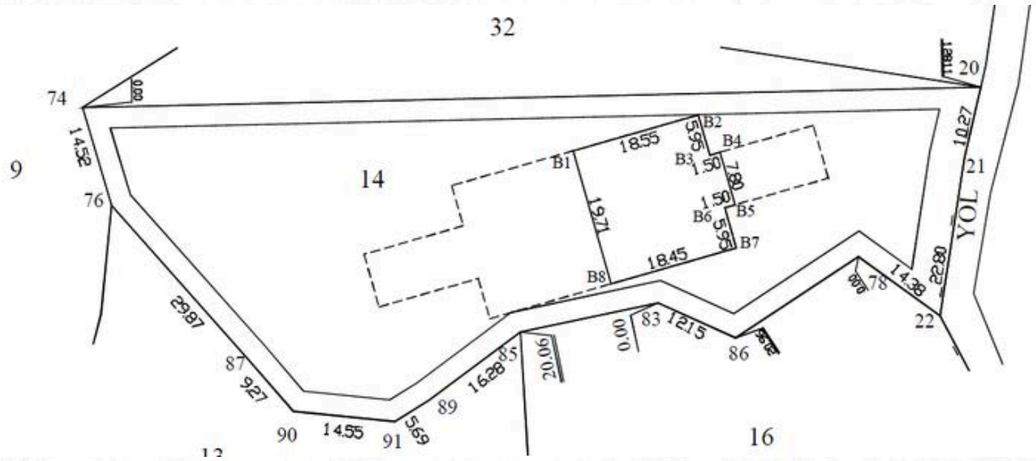
Description:

Producing construction documentation drawings, overseeing coordination and design, and presenting municipal drawings for approval. Collaborating with MEP and Structural teams, creating BIM models at various scales, and submitting shop drawings to consultants. Compiling meeting summaries and developing presentations.

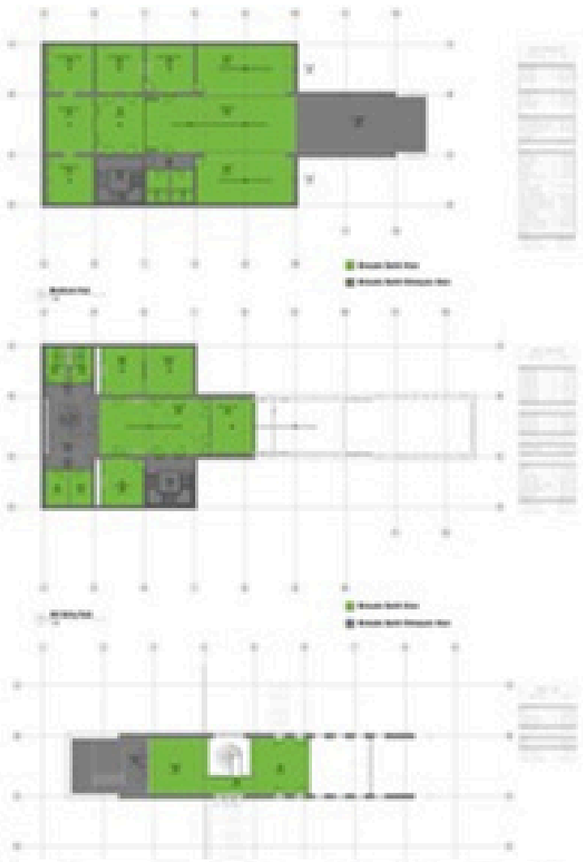
Building Permit Set



- Site Plan



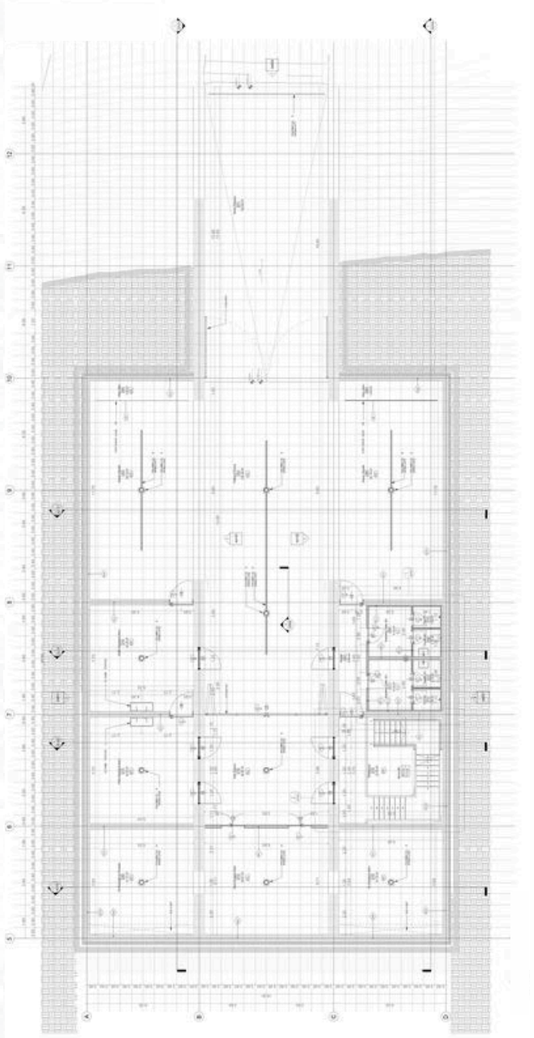
- Application Plan



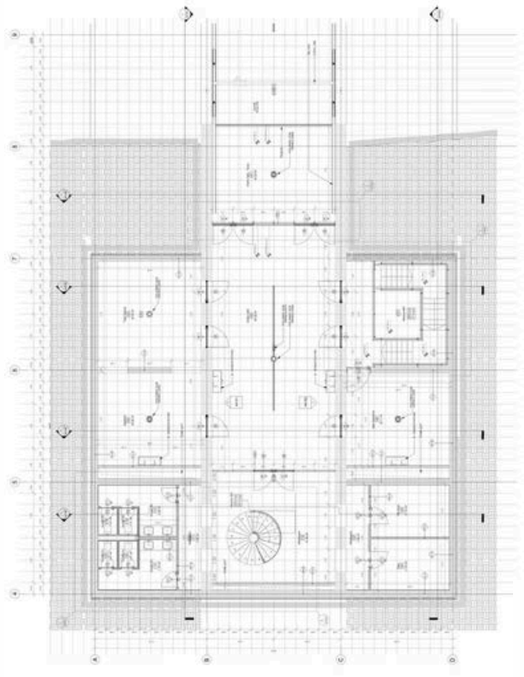
- GFA & BUA Plans

- Floor Finish Plans

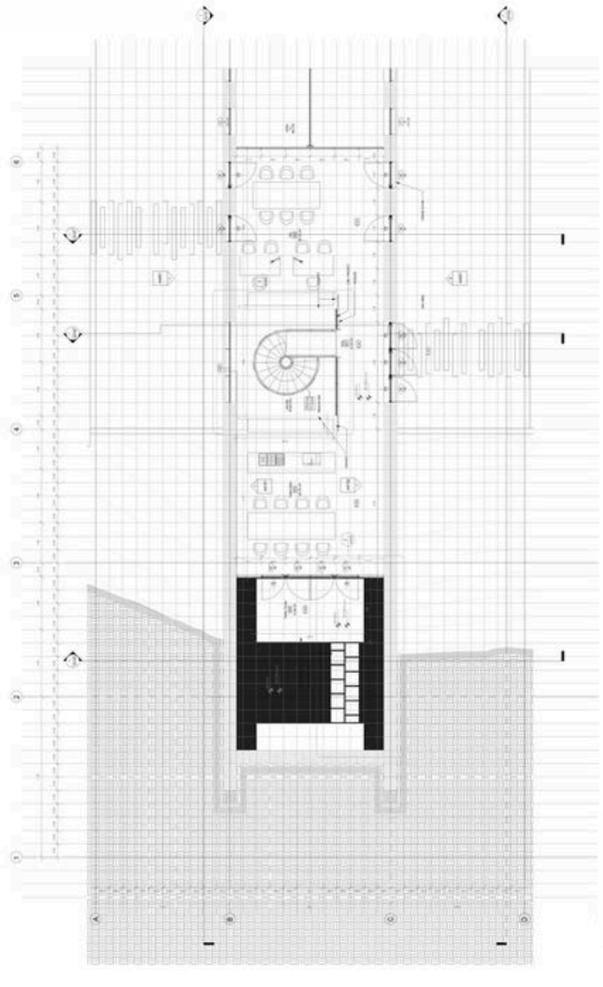
Building Permit Set



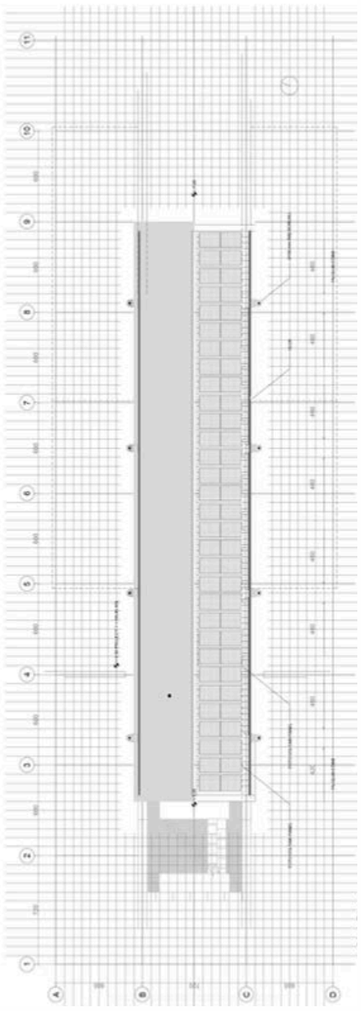
- Basement Floor Plan



- Ground Floor Plan

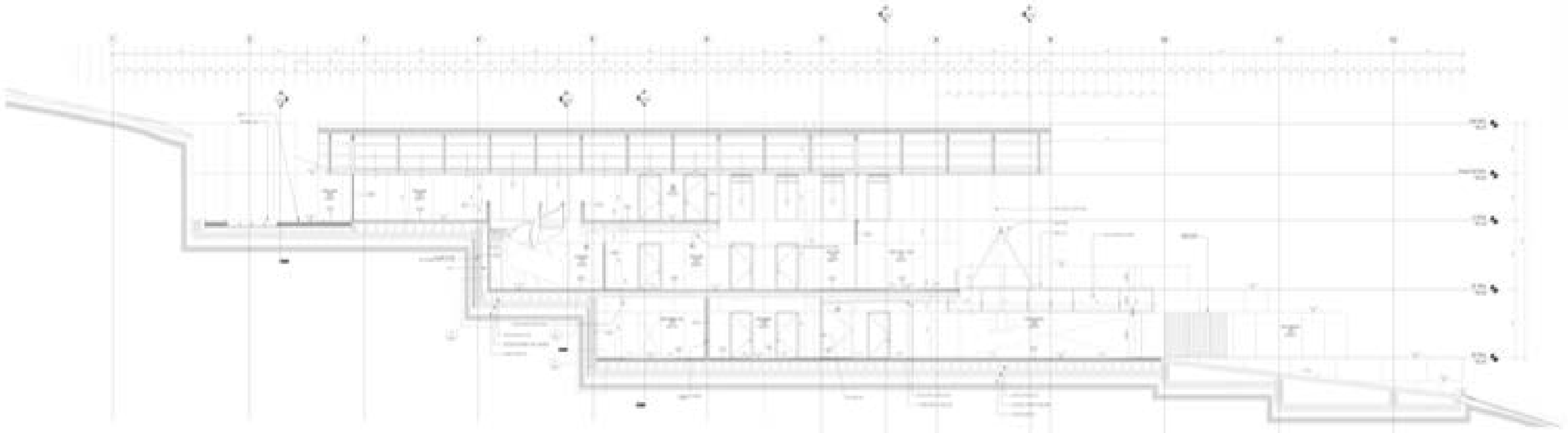


- First Floor Plan

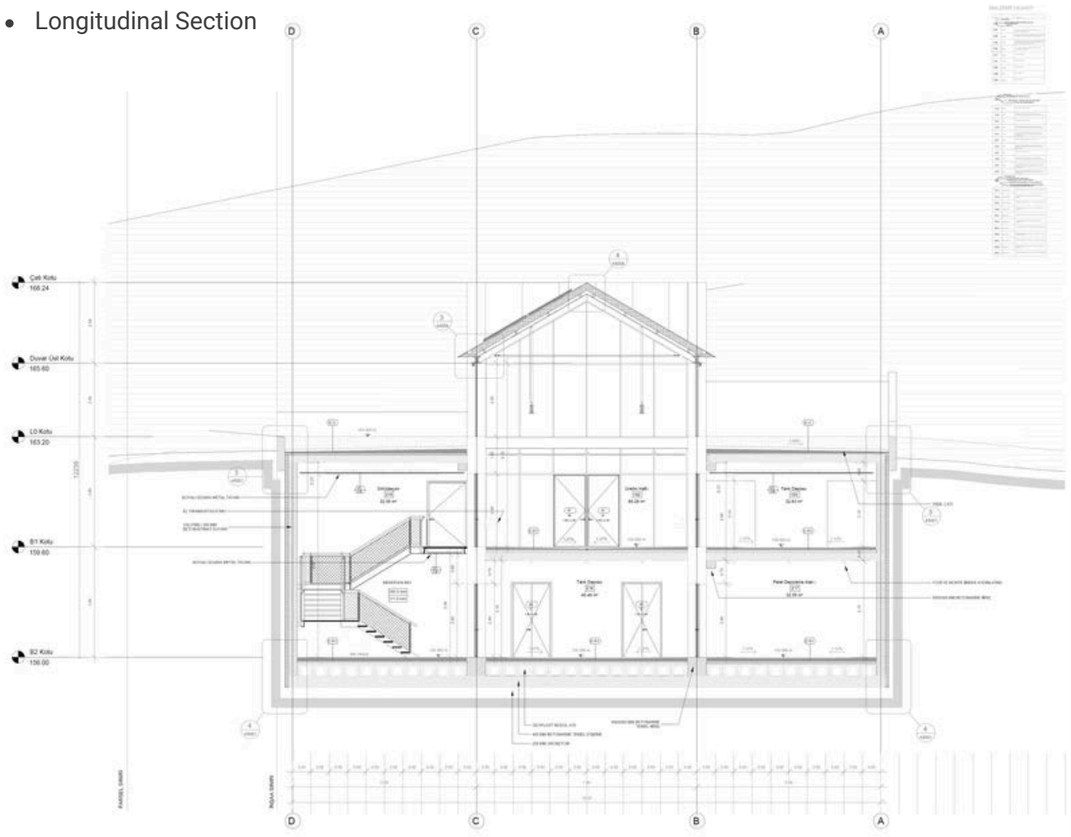


- Roof Plan

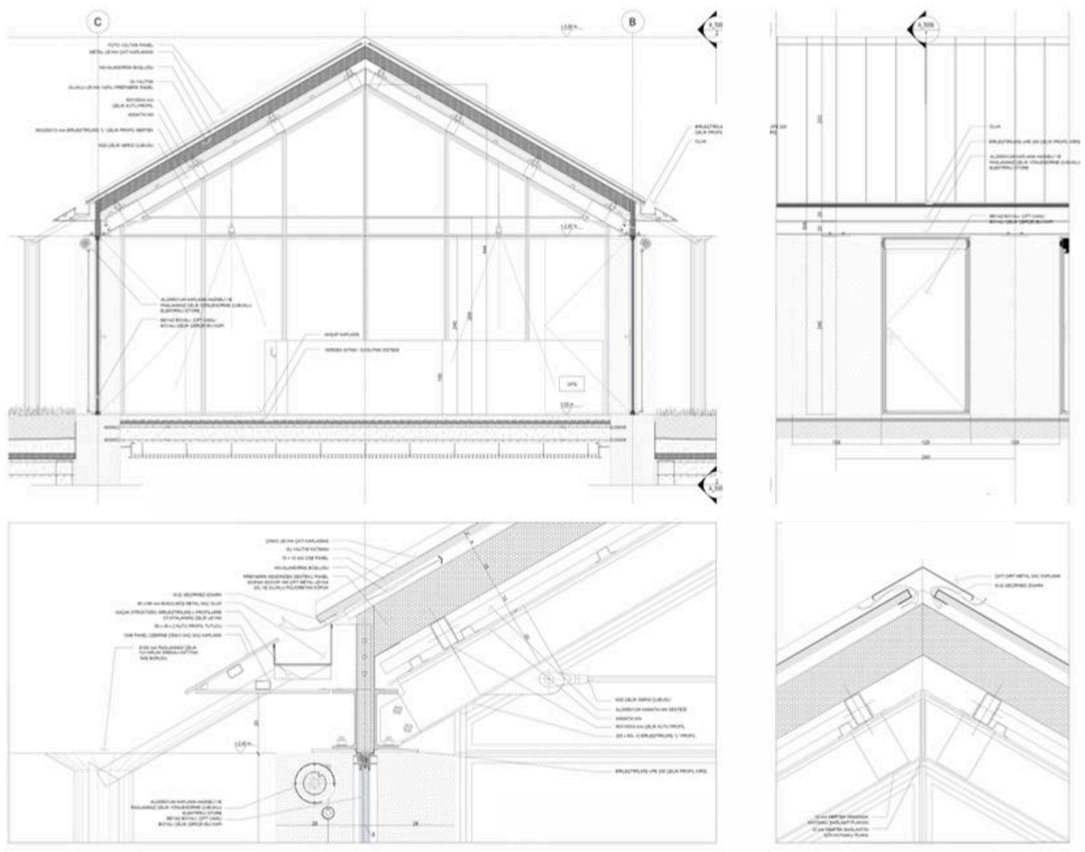
Architectural Detail Sections



- Longitudinal Section

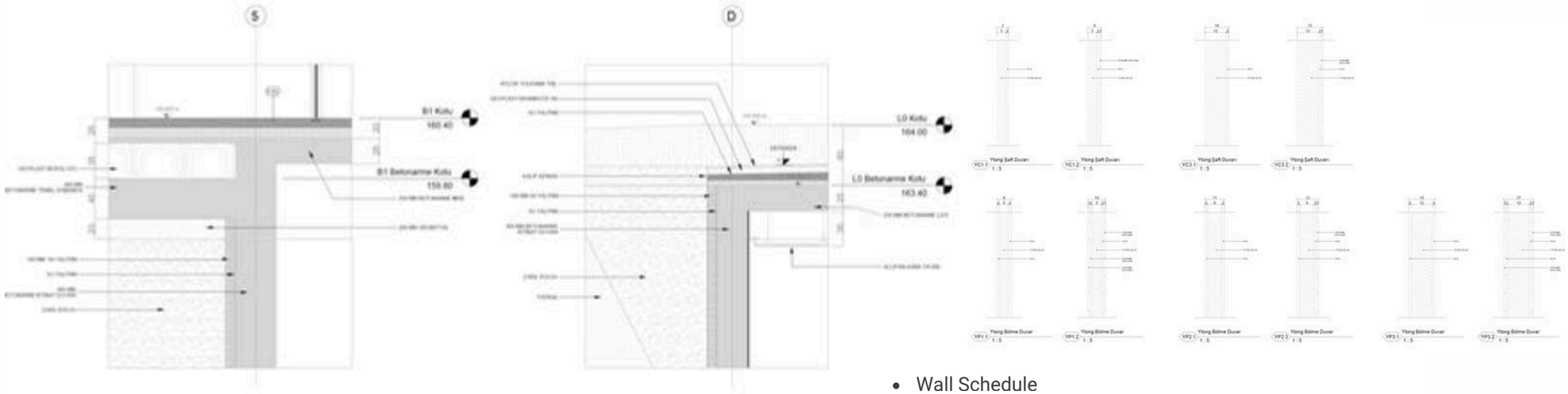


- Crossection

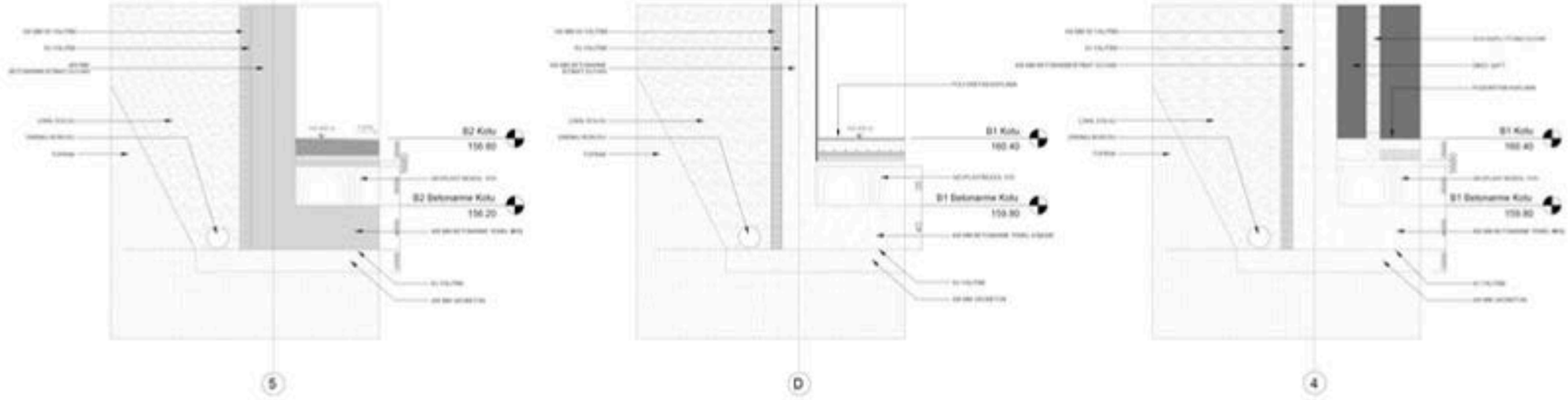


- Detail Section

Architectural Details



- Wall Schedule



- Point Details

Schedules

D1 Schedule

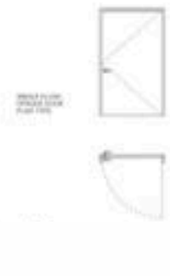
Door Type	Door Number	Level	Opening	Width	Height	Ventilation	Count
D1.1	02	L B2	DX	0.700	2.100	-	1
D1.1	03	L B2	SX	0.700	2.100	-	1
D1.1	04	L B2	SX	0.700	2.100	-	1
D1.1	05	L B2	SX	0.700	2.100	-	1
D1.1	20	L B1	SX	0.700	2.100	-	1
D1.1	22	L B1	SX	0.700	2.100	-	1
D1.1	32	L B1	DX	0.700	2.100	-	1
D1.1	29	L B1	DX	0.700	2.100	-	1
700x2100							8
D1.2	06	L B2	SX	0.800	2.100	300x150	1
D1.2	07	L B2	DX	0.800	2.100	300x150	1
D1.2	21	L B1	DX	0.800	2.100	300x150	1
D1.2	26	L B1	SX	0.800	2.100	300x150	1
800x2100							4
D1.3	23	L B1	SX	0.900	2.100	300x150	1
D1.3	24	L B1	DX	0.900	2.100	300x150	1
900x2100							2
Grand total							14

D4 Schedule

Door Type	Door Number	Level	Opening	Width	Height	Ventilation	Count
D4	09	L B2	DX	1.200	2.400	500x150	1
D4	10	L B2	SX	1.200	2.400	500x150	1
D4	13	L B2	DX	1.200	2.400	500x150	1
D4	14	L B2	SX	1.200	2.400	-	1
D4	15	L B2	DX	1.200	2.400	-	1
D4	16	L B2	SX	1.200	2.400	-	1
D4	26	L B1	SX	1.200	2.400	-	1
D4	27	L B1	DX	1.200	2.400	-	1
D4	28	L B1	DX	1.200	2.400	-	1
D4	30	L B1	DX	1.200	2.400	-	1
D4	31	L B1	SX	1.200	2.400	-	1
D4	40	L B1	SX	1.200	2.400	-	1
D4	50	L 0	DX	1.200	2.400	-	1
D4	41	L 0	SX	1.200	2.400	-	1
D4	136	L 0	DX	1.200	2.400	-	1
D4	42	L 0	DX	1.200	2.400	-	1
D4	49	L 0	SX	1.200	2.400	-	1
D4	47	L 0	DX	1.200	2.400	-	1
D4	138	Crop - Top	DX	1.200	2.400	-	1
Grand total							19

D2 Schedule

Door Type	Door Number	Level	Opening	Width	Height	Ventilation	Count
D2	19	L B2	SX	1.200	2.100	-	1
D2	08	L B2	SX	1.200	2.100	-	1
D2	17	L B2	DX	1.200	2.100	500x150	1
D2	18	L B2	DX	1.200	2.100	-	1
D2	52	L B1		1.200	2.100		1
1200x2100							5
Grand total							5

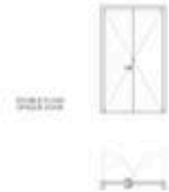


D5 Schedule

Door Type	Door Number	Level	Opening	Width	Height	Ventilation	Count
D5	33	L B1	DX	1.084	2.377	-	1
D5	34	L B1	SX	1.084	2.377	-	1
D5	36	L B1	DX	1.084	2.377	-	1
D5	37	L B1		1.084	2.377		1
D5	38	L B1		1.084	2.377		1
D5	39	L B1	SX	1.084	2.377	-	1
D5	43	L 0	SX	1.084	2.377	-	1
D5	44	L 0	DX	1.084	2.377	-	1
D5	45	L 0	SX	1.084	2.377	-	1
D5	46	L 0	DX	1.084	2.377	-	1
28mm Glass							10
Grand total							10

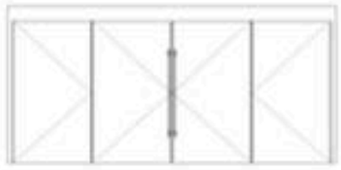
D3 Schedule

Door Type	Door Number	Level	Opening	Width	Height	Ventilation	Count
D3	11	L B2	DX	1.200	2.400	300x150	1
D3	12	L B2	SX	1.200	2.400	300x150	1
1200x2400							2
Grand total							2



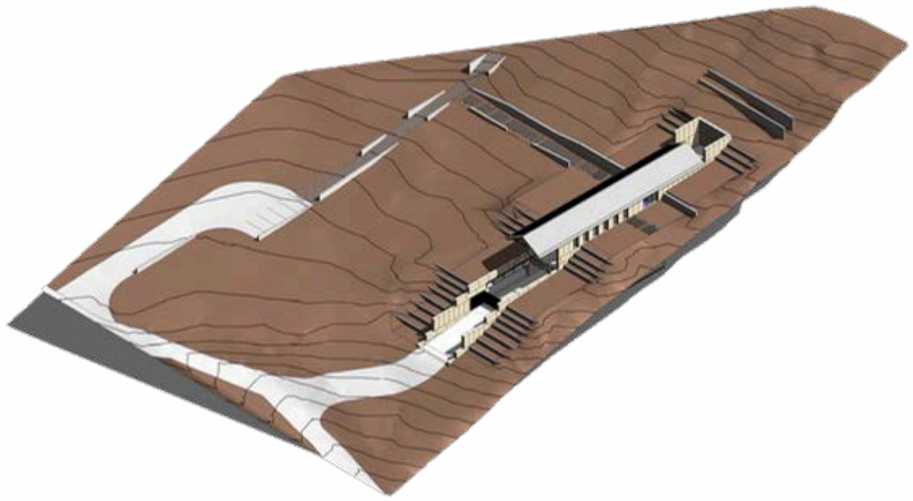
D-BF Schedule

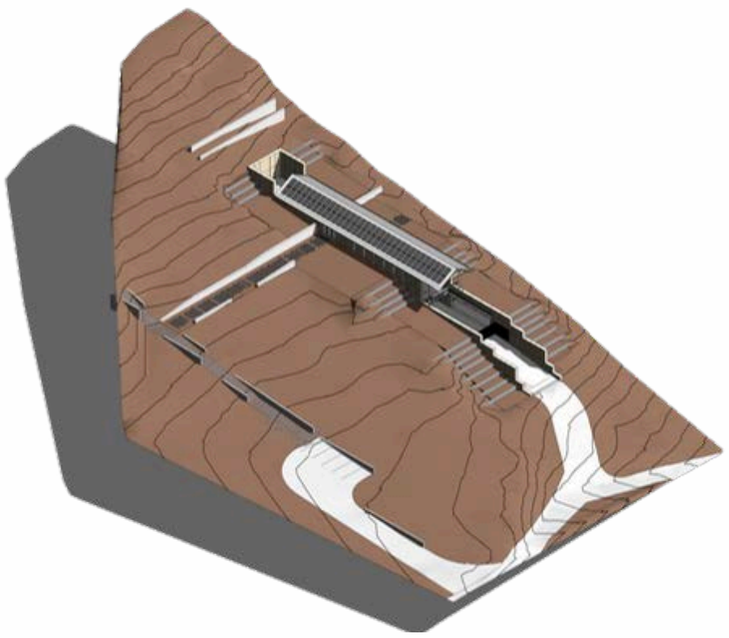
Door Type	Door Number	Level	Opening	Width	Height	Ventilation	Count
BF	01	L B2	-	5.400	2.900	750x250	1
Bifold Door							1
Grand total							1



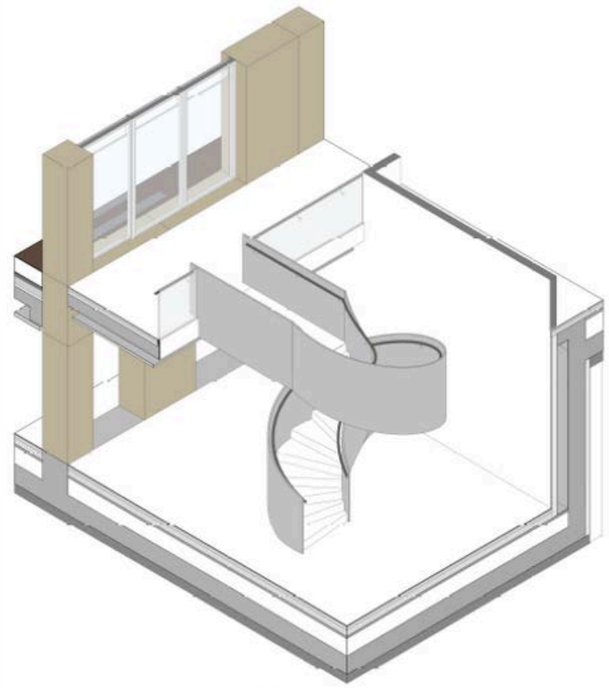
- Door Schedules

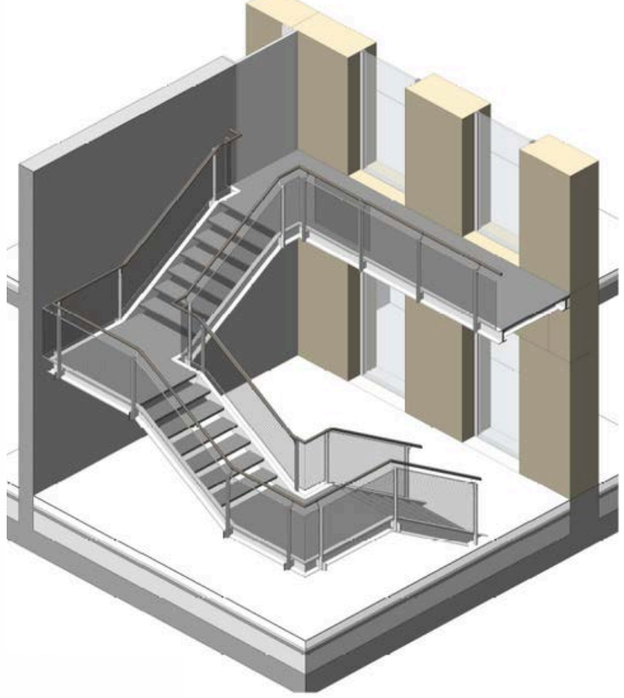
Isometric Drawings





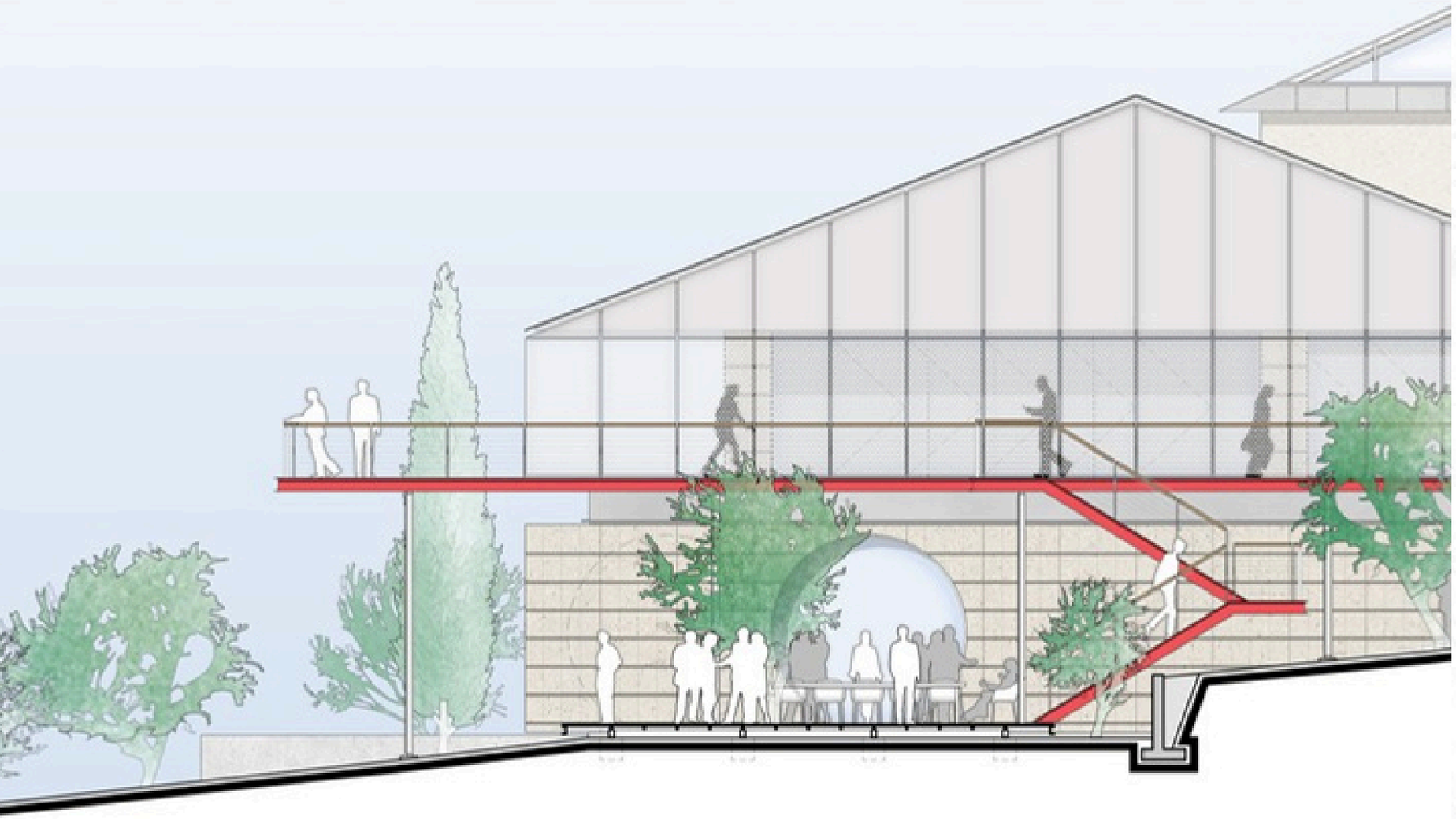
- Isometric Views





- Staircase and Balustrade Families

Purio Olive Oil Production Centre



Project : Purio Olive Oil Production Centre

Company: Teke Architects

Client: Private Work

Location: Mudanya / Bursa

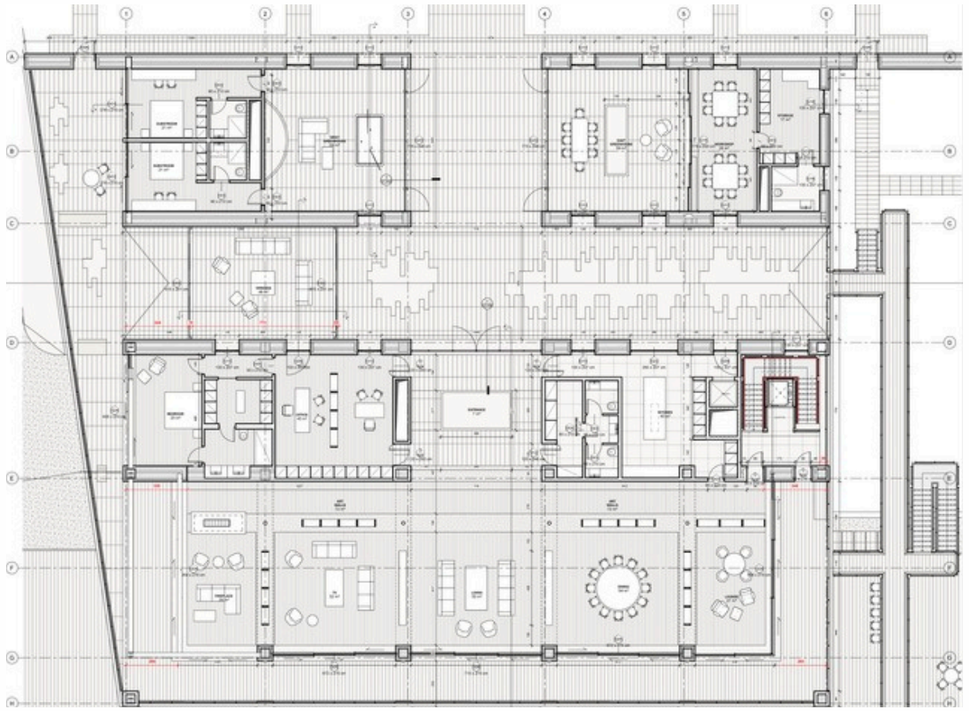
Estimated Budget: 10.000.000 €

Role: BIM Specialist - Freelance Architect

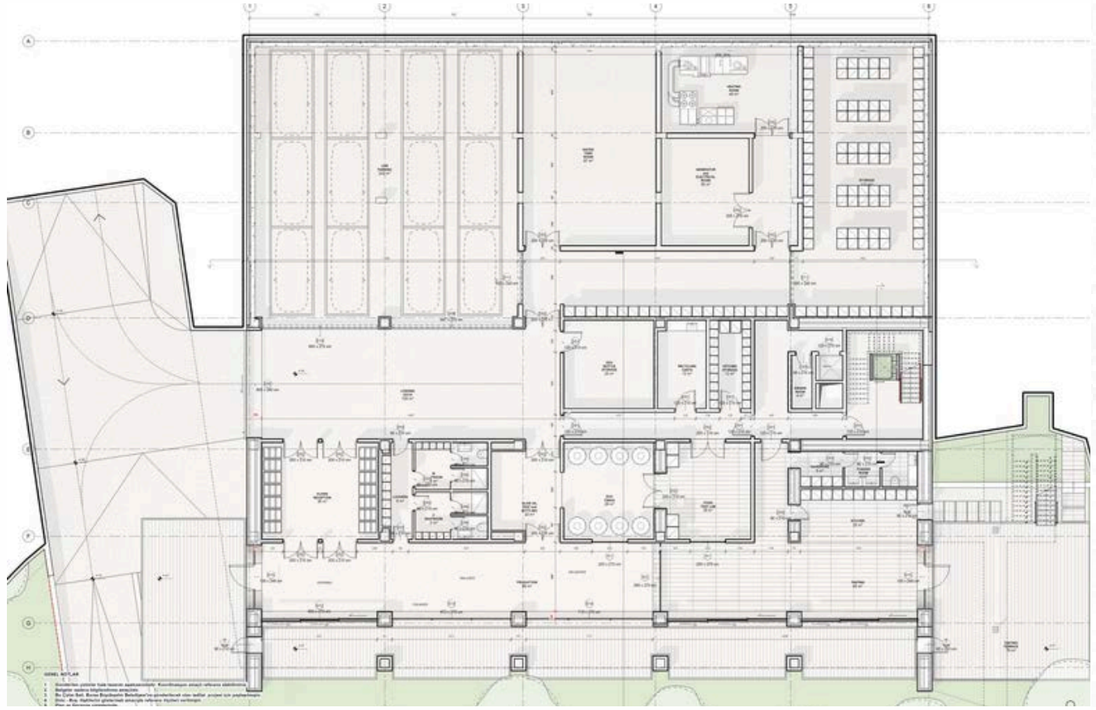
Services:

The responsibilities include producing construction documentation drawings, overseeing design coordination, and presenting municipal drawings for approval. This role involves collaboration with MEP and Structural teams, the creation of BIM models at various scales, and the submission of shop drawings to consultants. Additionally, it entails compiling meeting summaries and developing presentations.

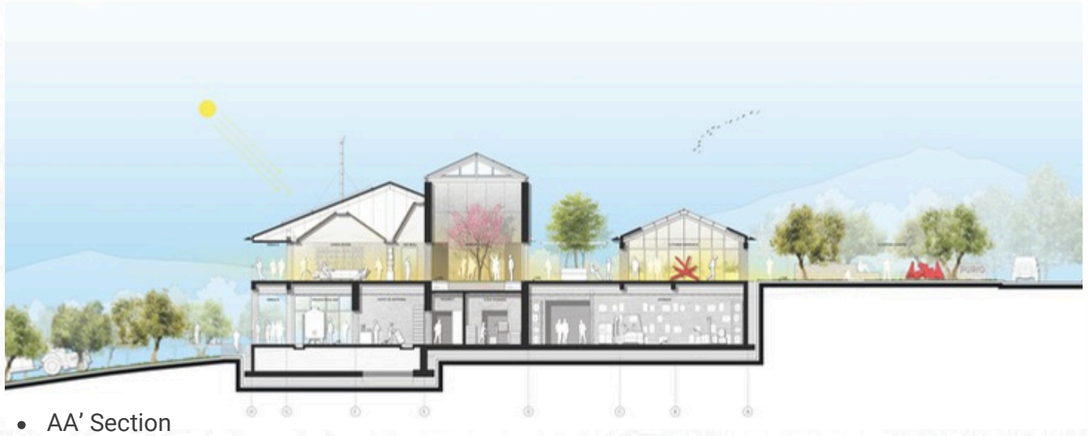
Architectural Plans & Sections



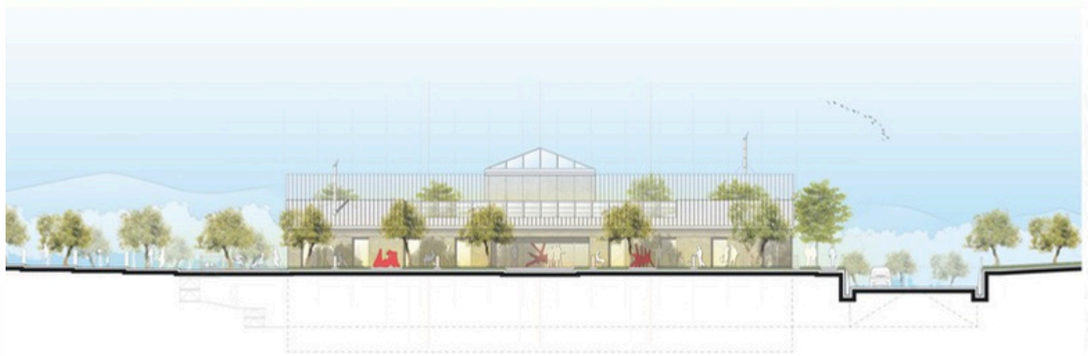
- Ground Floor Plan



- Basement Floor Plan



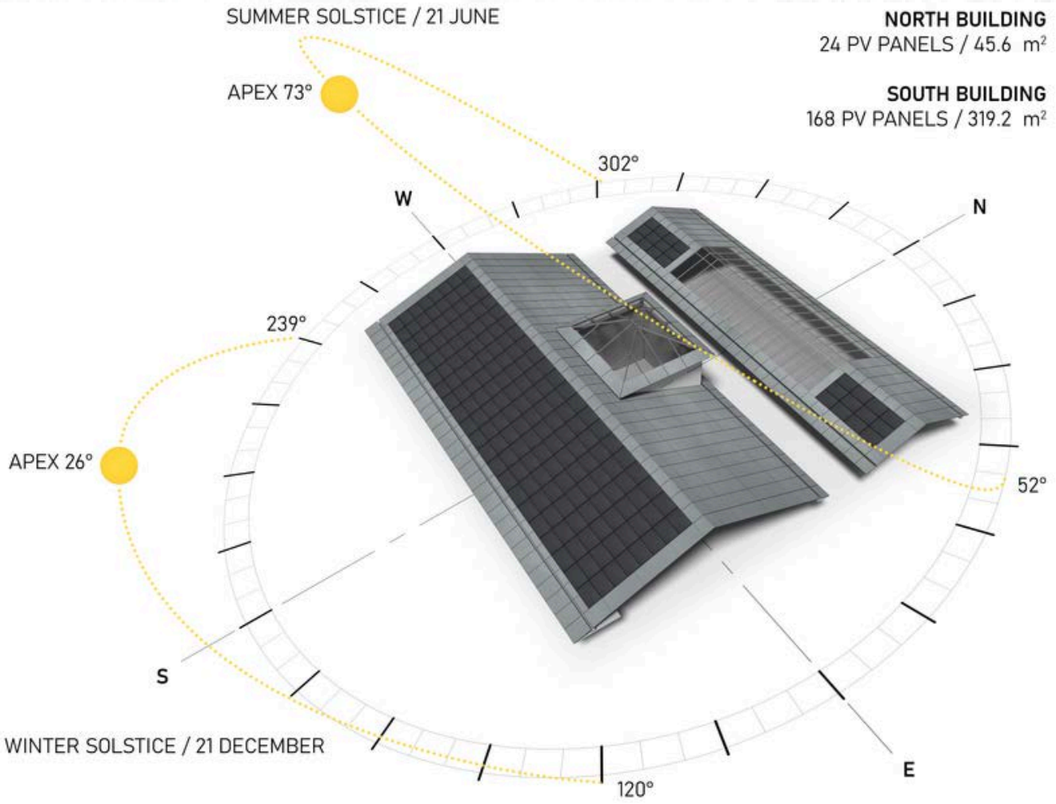
- AA’ Section



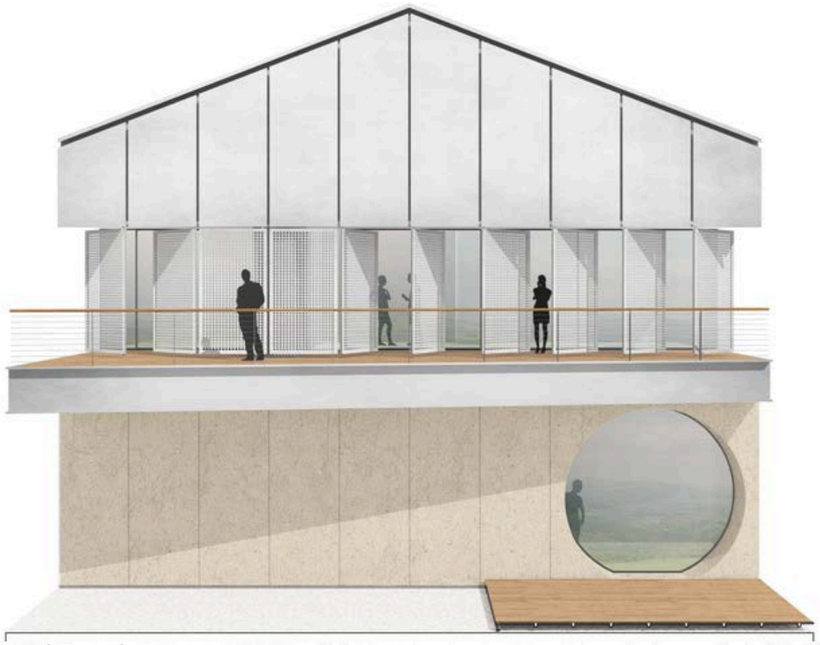
- BB’ Section

Sun & Material Analysis

- Facade and Roof System

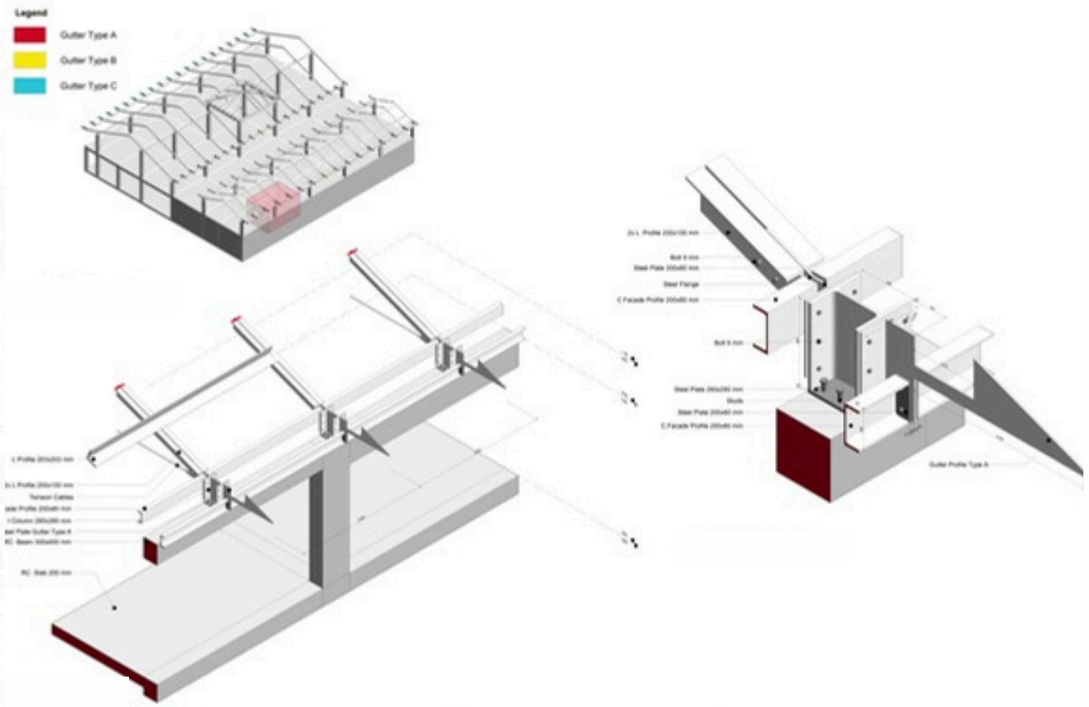


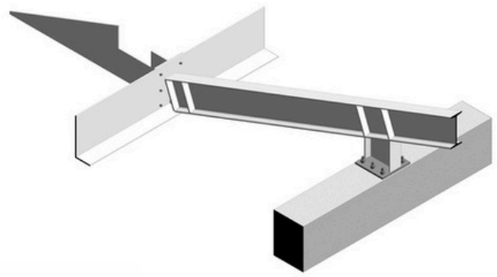
- Sun & Shadow Analysis with Solar Panels

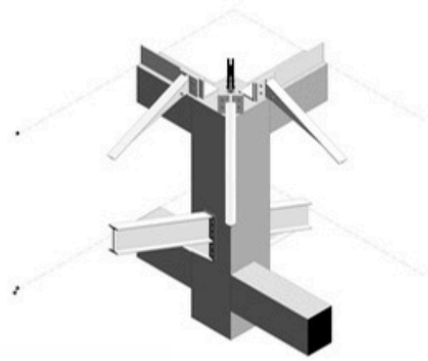


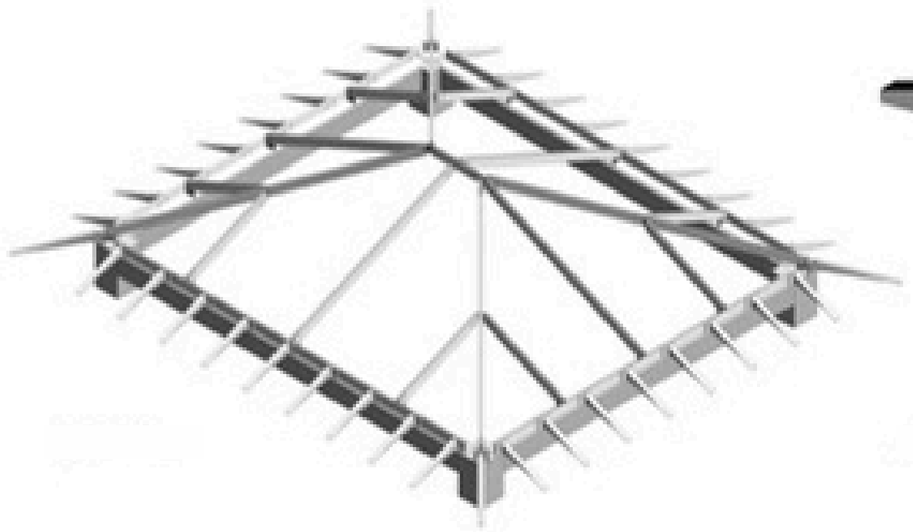
- Typical Facade Design

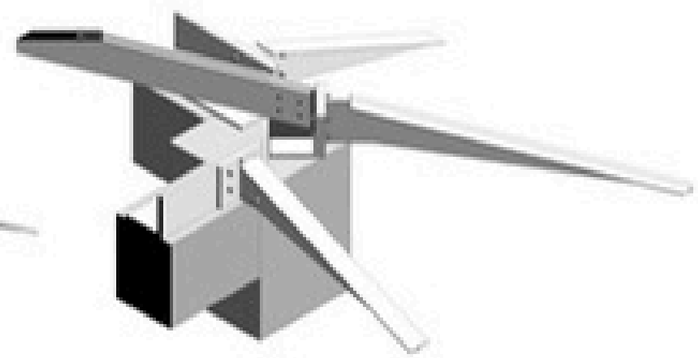
Structural Details

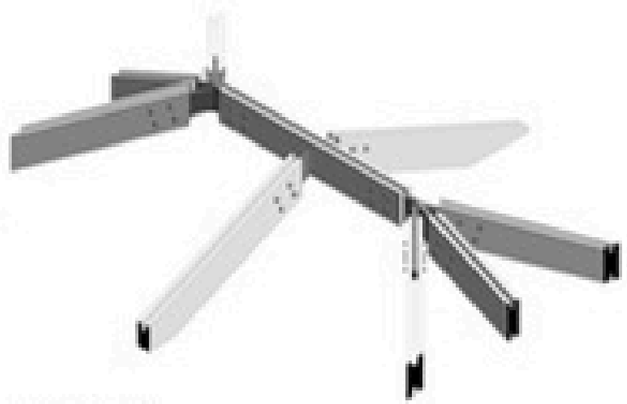






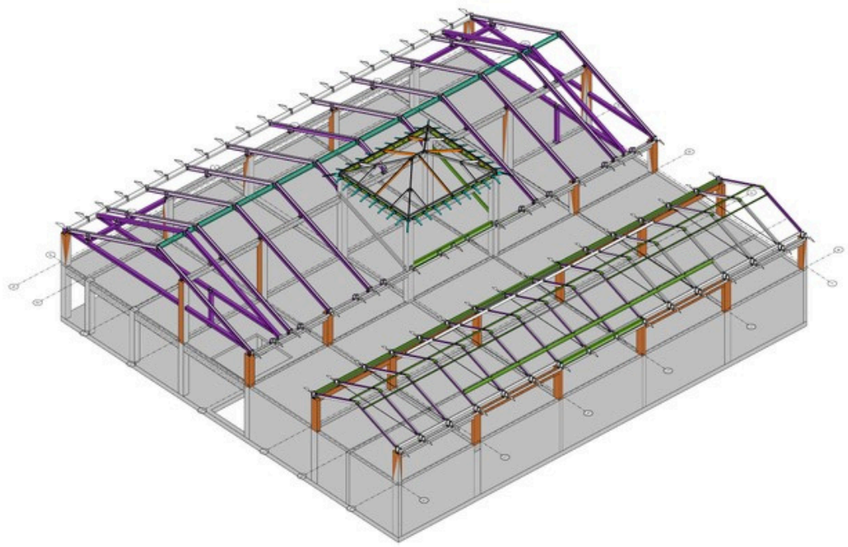




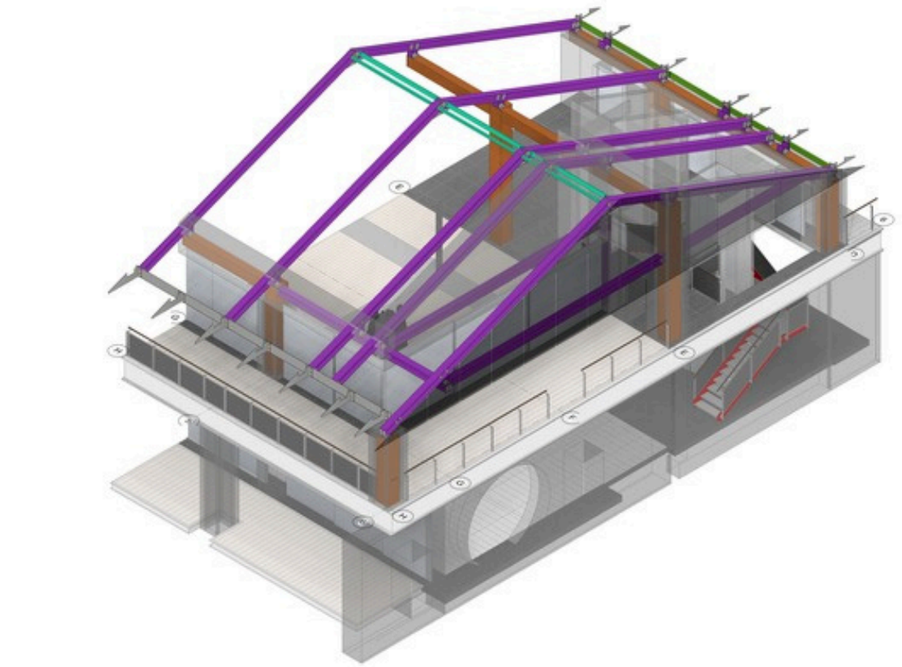


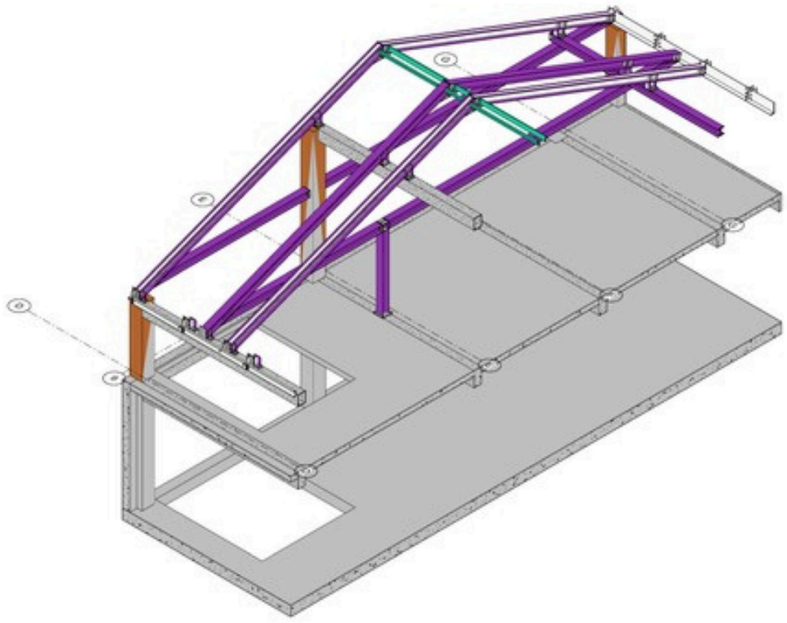
- Structural Elements & Connection Design

Structural Coordination Models



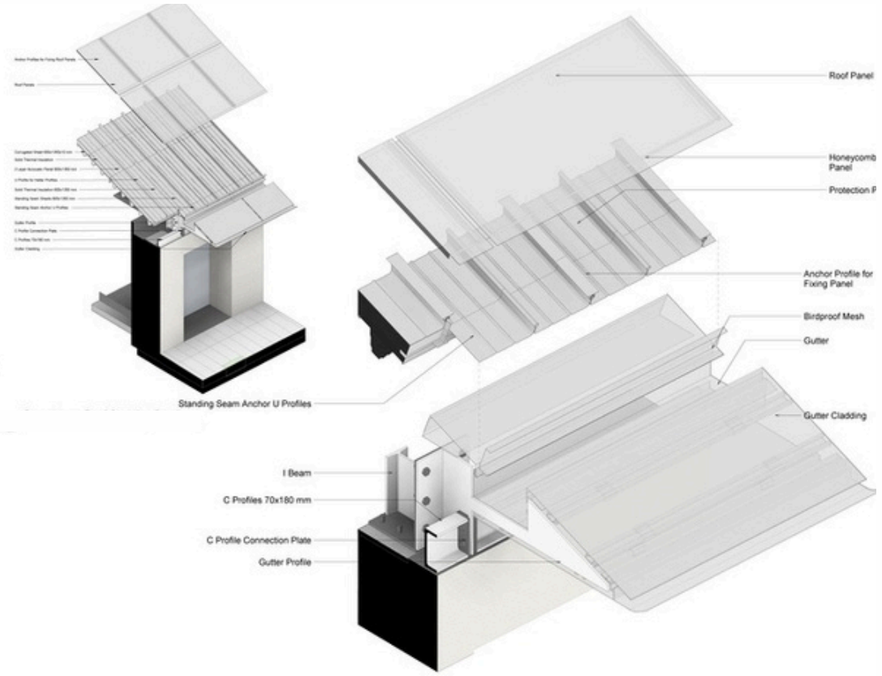
- Structural Coordination



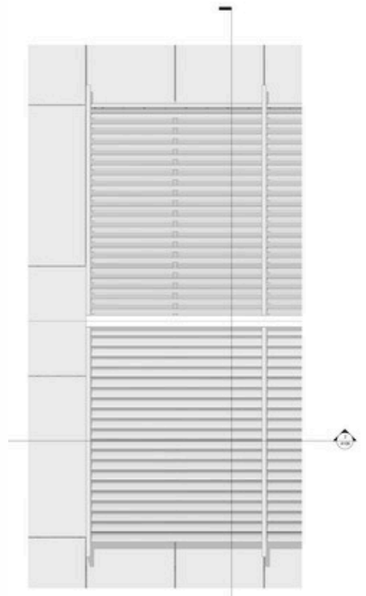


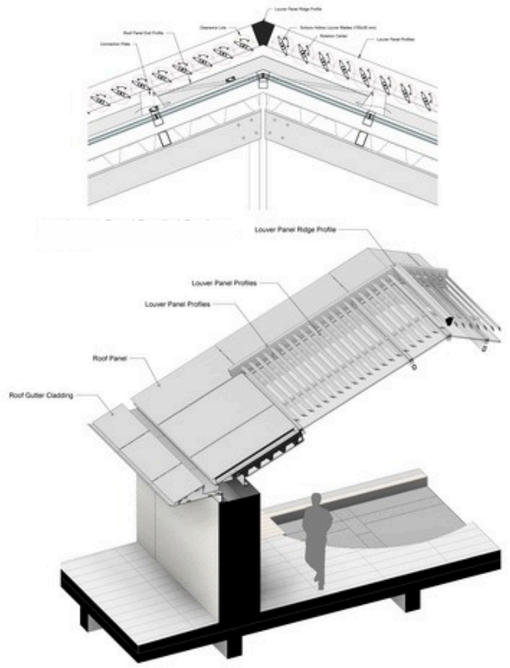
- Structural Coordination with IFC model

Blow-Ups

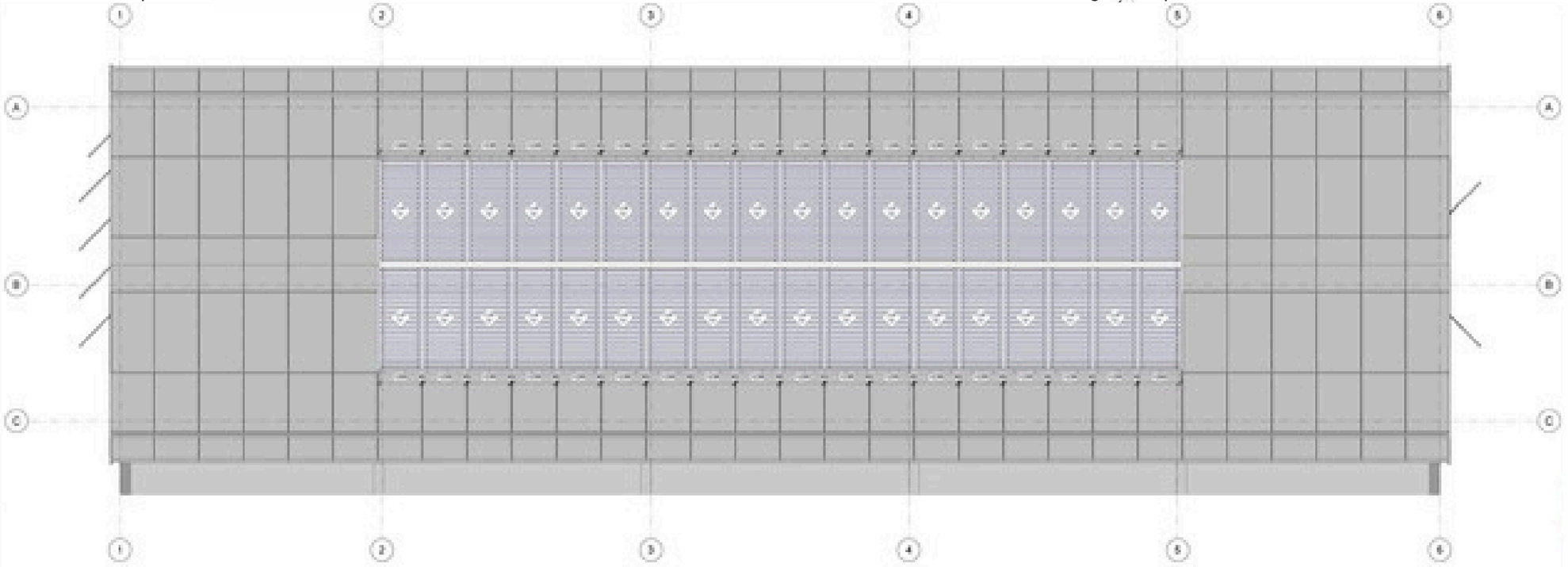


- Roof Blow-up



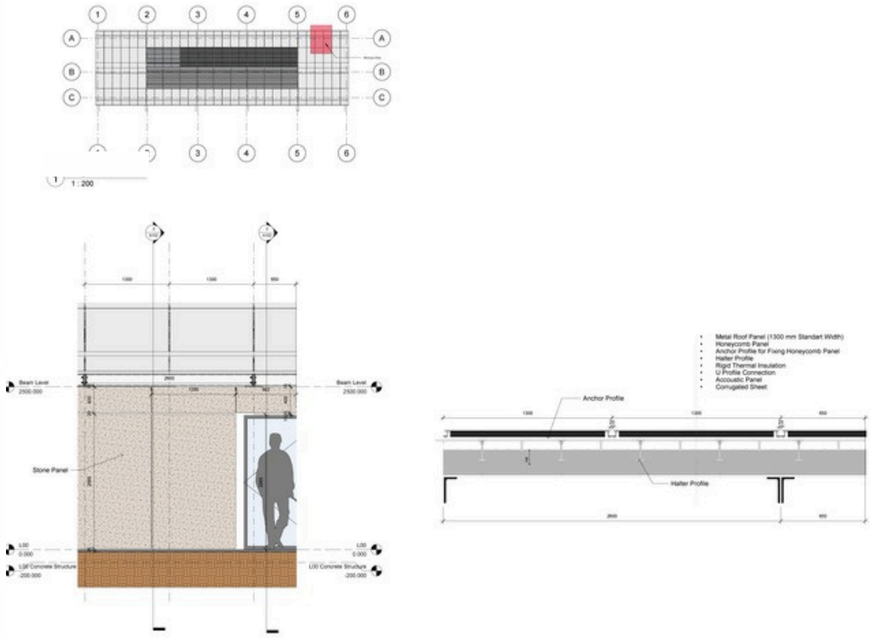


- Roof Glazing Blow-up

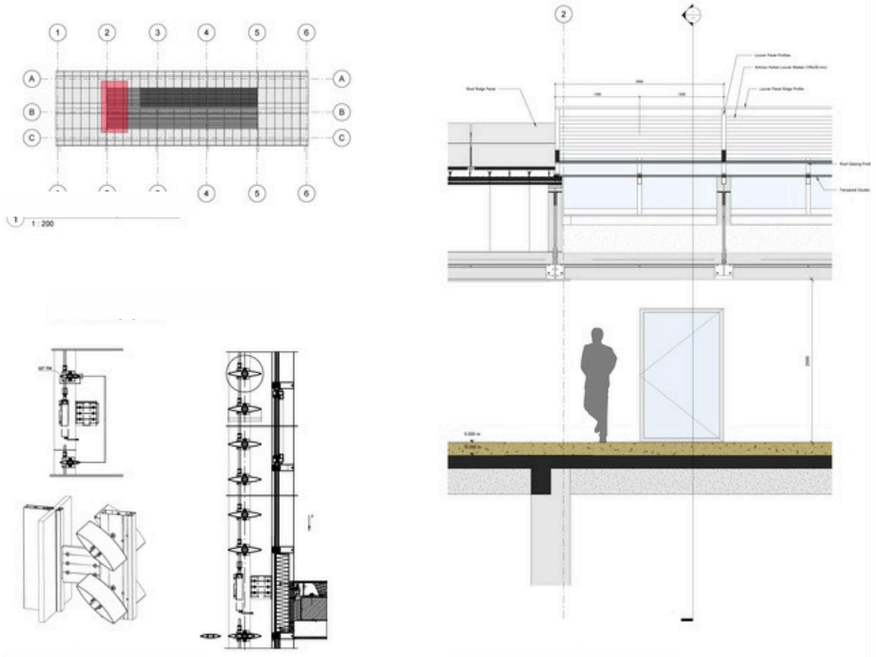


- Roof Plan

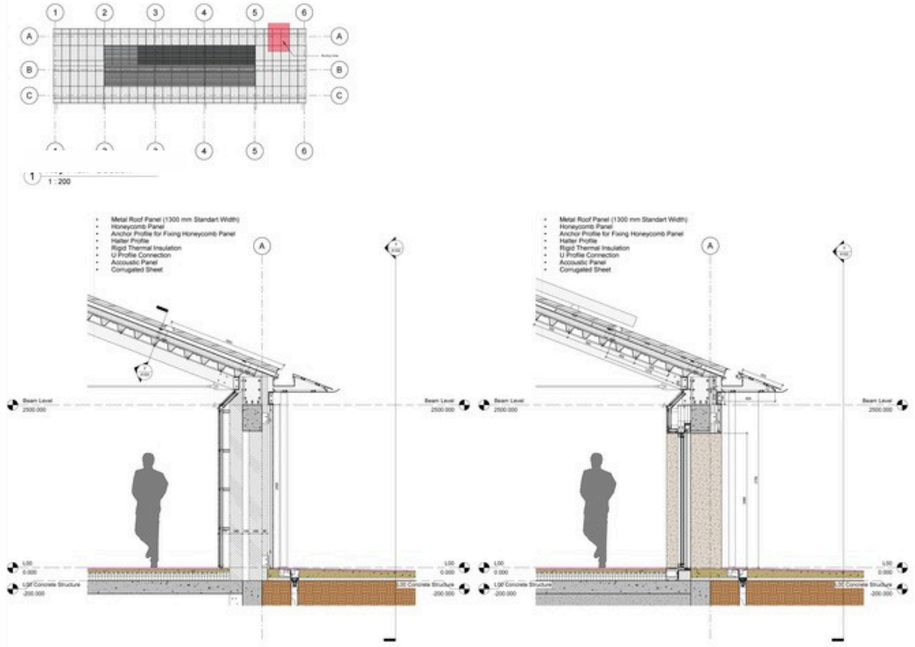
Architectural Detail Drawings



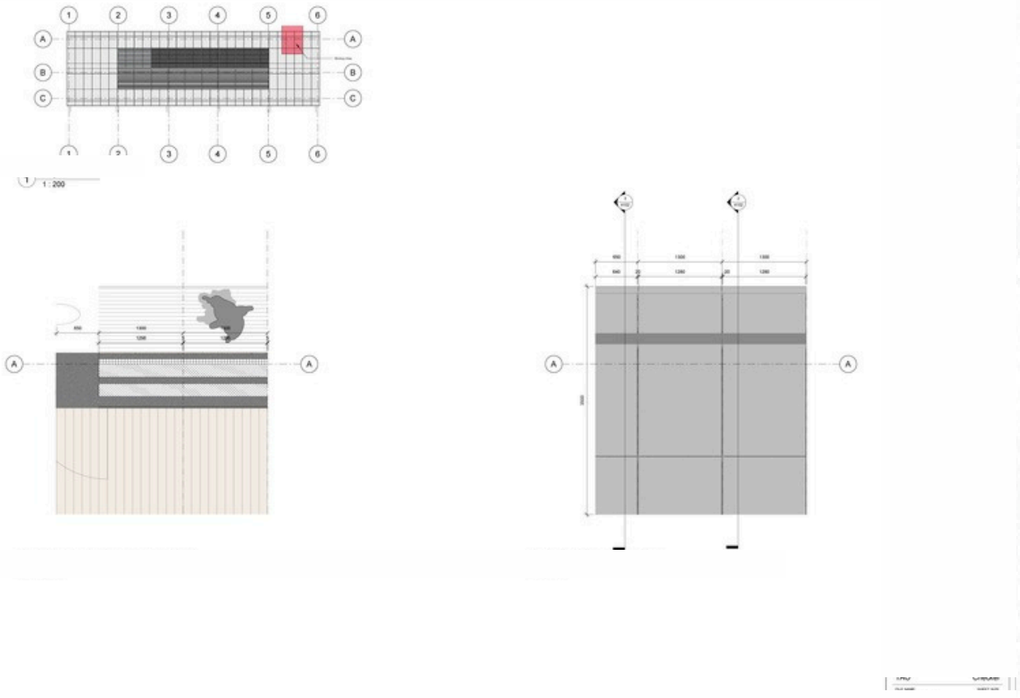
- Roof Panel Detail



- Skylight Detail



- Detail Section



- Roof Detail Plan

OLAYA Business Center

OLAYA Business Center

Project : OLAYA Business Center

Company: Archistanbul

Consultant: Kling

Contractor: MXB Investment

Location: Riyadh / Saudi Arabia

Estimated Budget: 27.000.000 $

Role: Team Leader / BIM Specialist

Description:

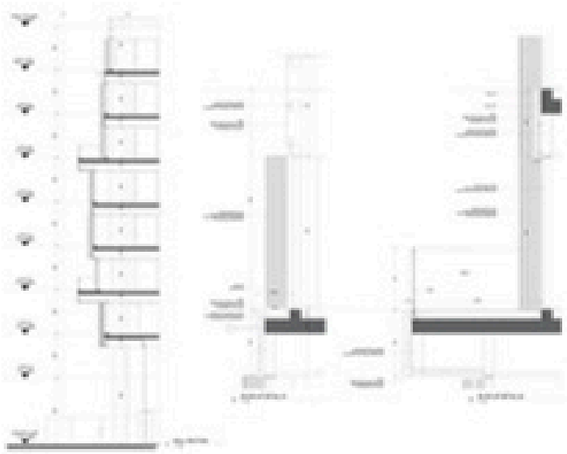
OLAYA Business Towers is located at OLAYA Street. Its a 7 storey commercial business center which has 4 storey carpark.As a part of Archistanbul team I have managed the whole process including ; Architectural and Interior Concept Validation,SD, DD, TD, IFC Stages services and modeling at LOD 300 level.

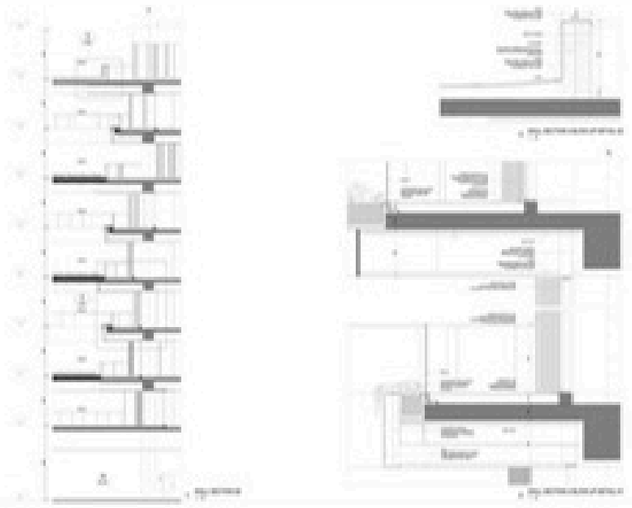
•Led a team of four architects, emphasizing interdisciplinary collaboration with MEP and Structural teams.
•Established project base points in alignment with office standards and survey data.
•Developed a content library by standardizing existing families and creating new ones.
•Managed BIM coordination through BIM360.
•Supervised the architectural team in modeling at LOD 300, family creation, clash detection, and resolution processes.
•Participated in client meetings for architectural coordination and Bill of Quantities (BOQ) discussions.
•Reviewed and submitted shop drawings.

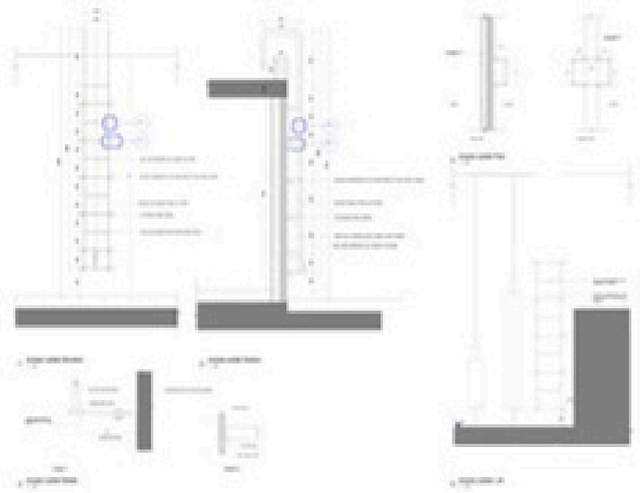
Architectural Drawings & Details

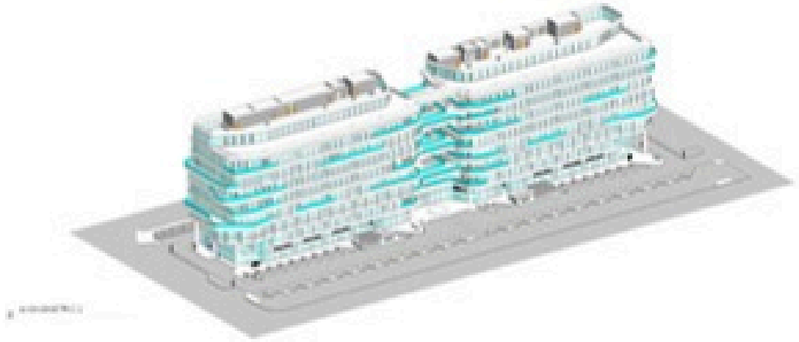
- Isometric Views & Construction Documentation Drawings

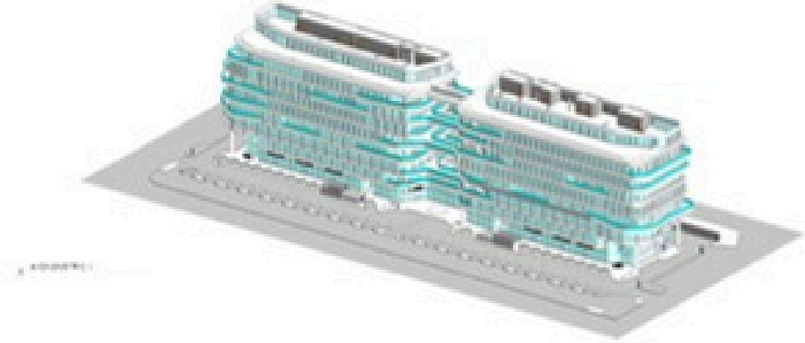
Architectural Drawings & Details

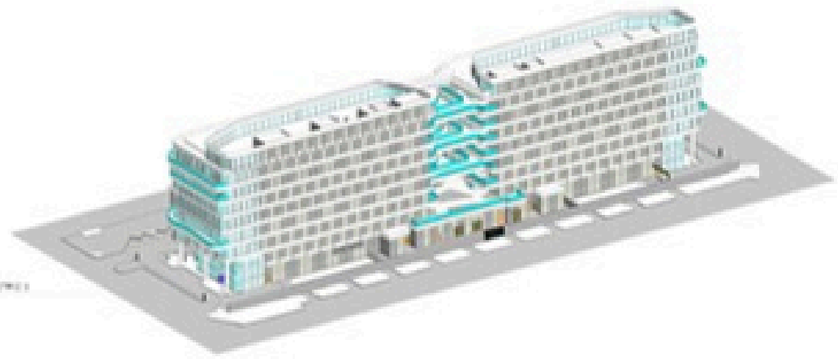


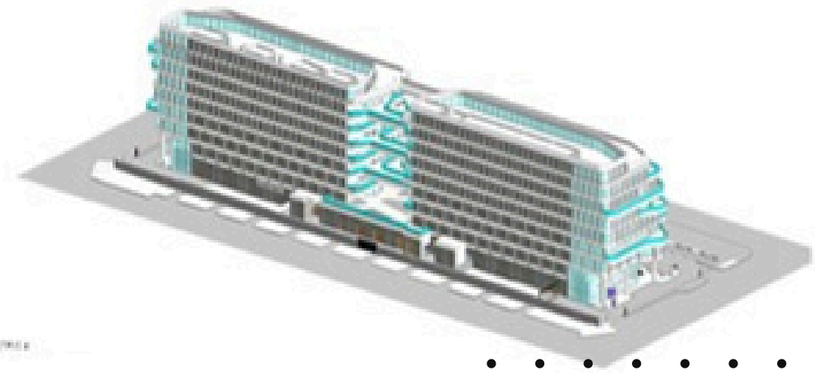






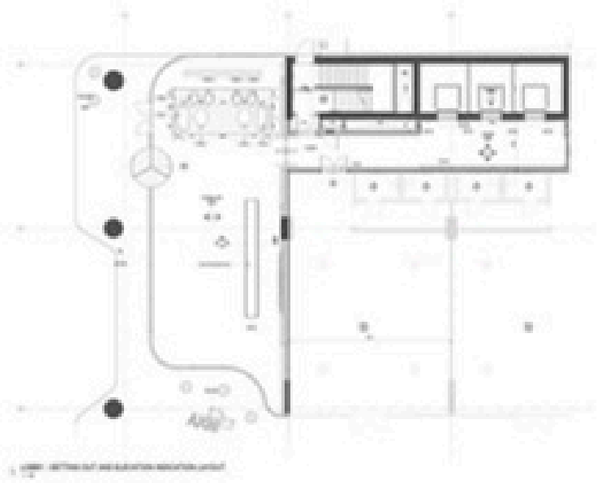


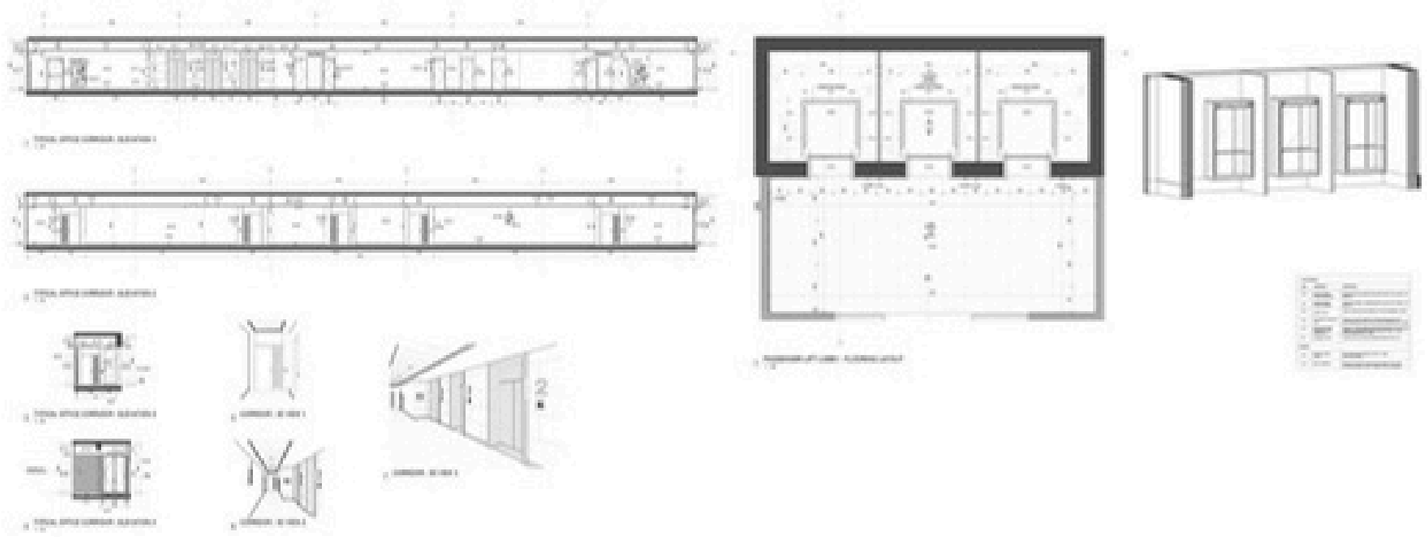


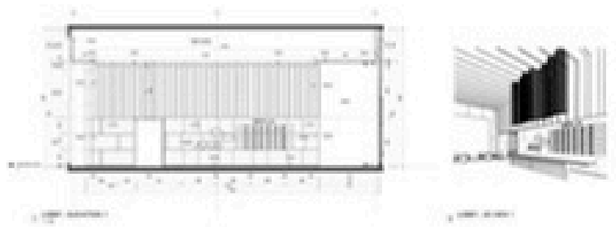


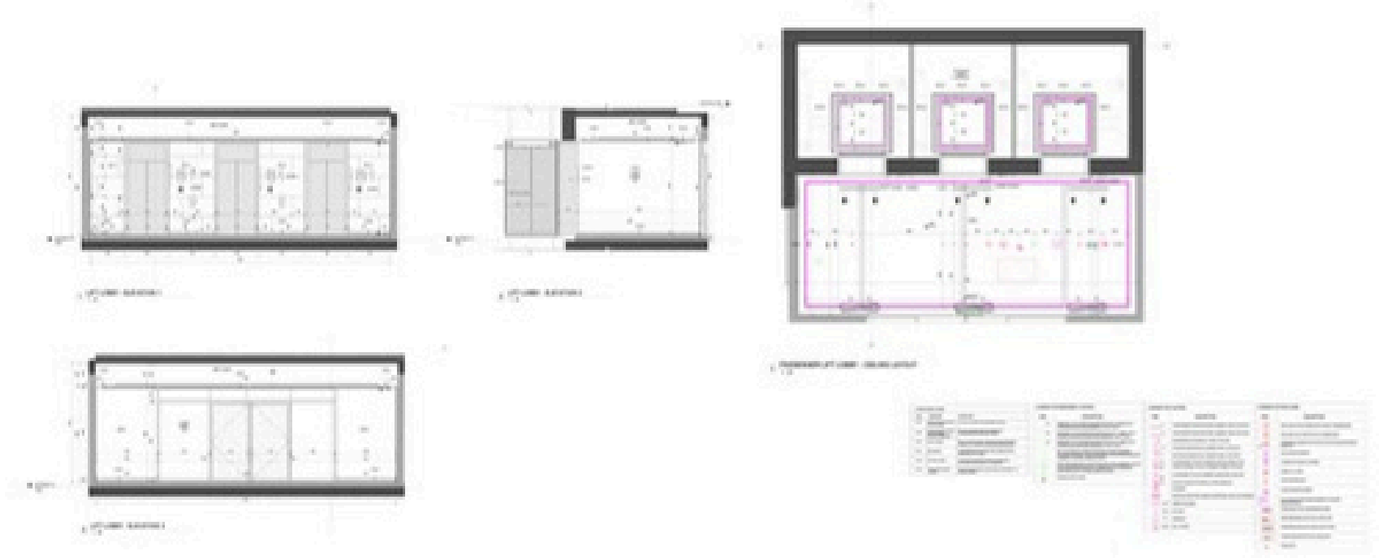
- Isometric Views & Construction Documentation Drawings

Interior Design Drawings









- Drawing Submittals

0-20 Cottage

O-20 Cottage

Project : O-20 Cottage (Residential)

Company: KLC Design & Consultancy

Client: Private Work

Location: Antalya / Turkey

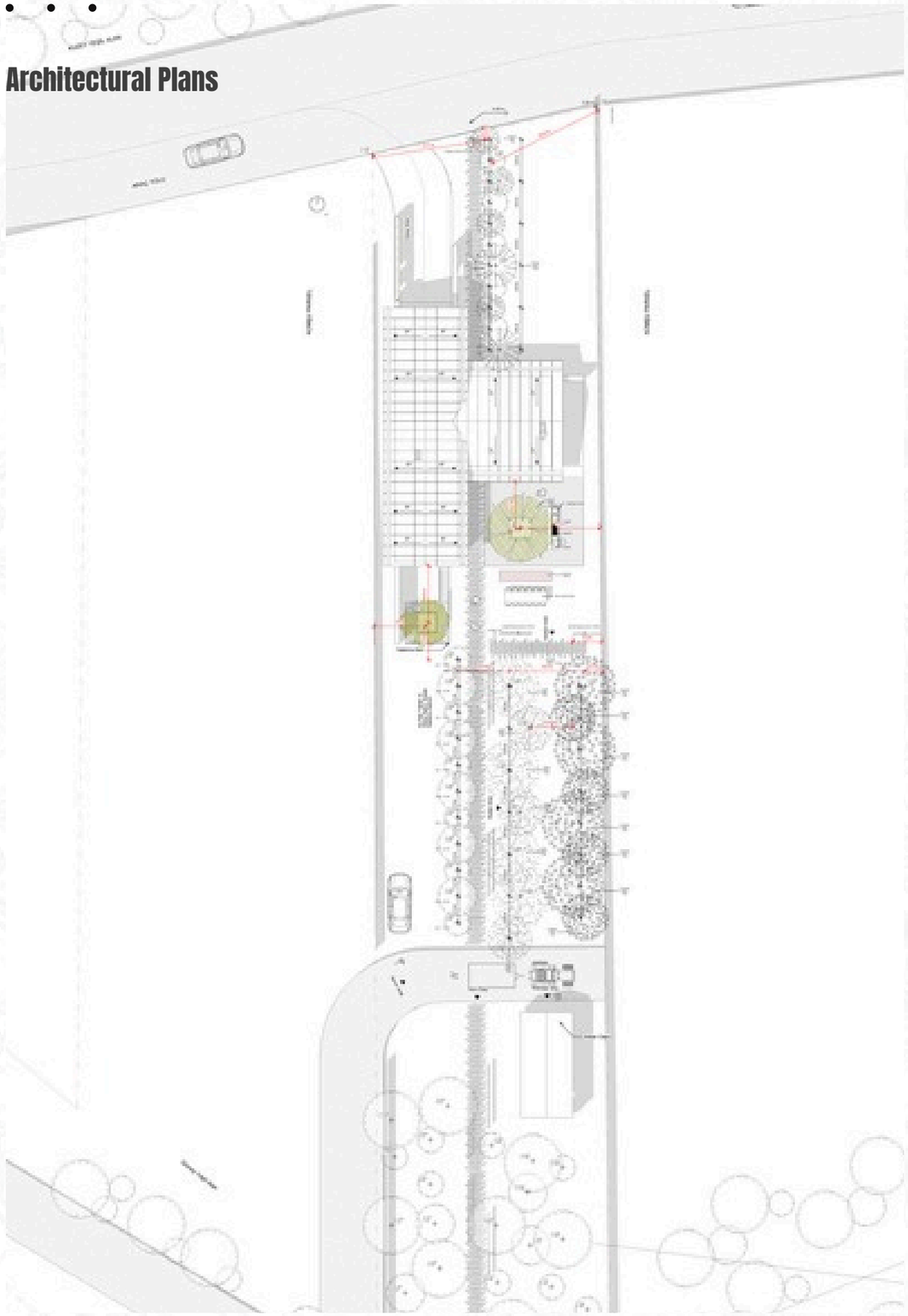
Estimated Budget: 500.000 €

Role: Principal Architect

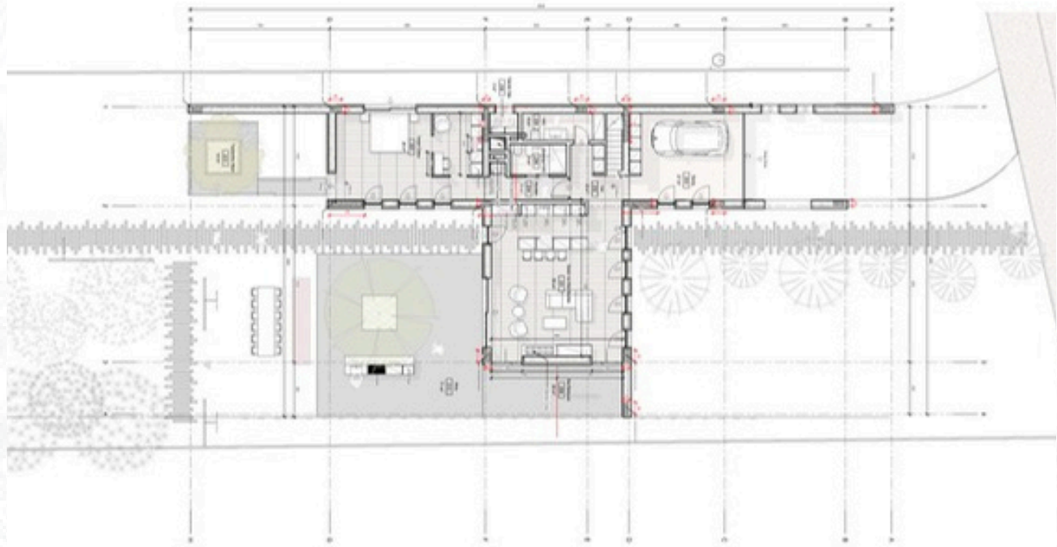
Description:

Analyzing the site conditions. Creating initial concept design sketches. Producing design development and construction documentation sketches. Coordinating with MEP and Structural departments. Engaging in client consultations. Providing consultancy services at construction sites.

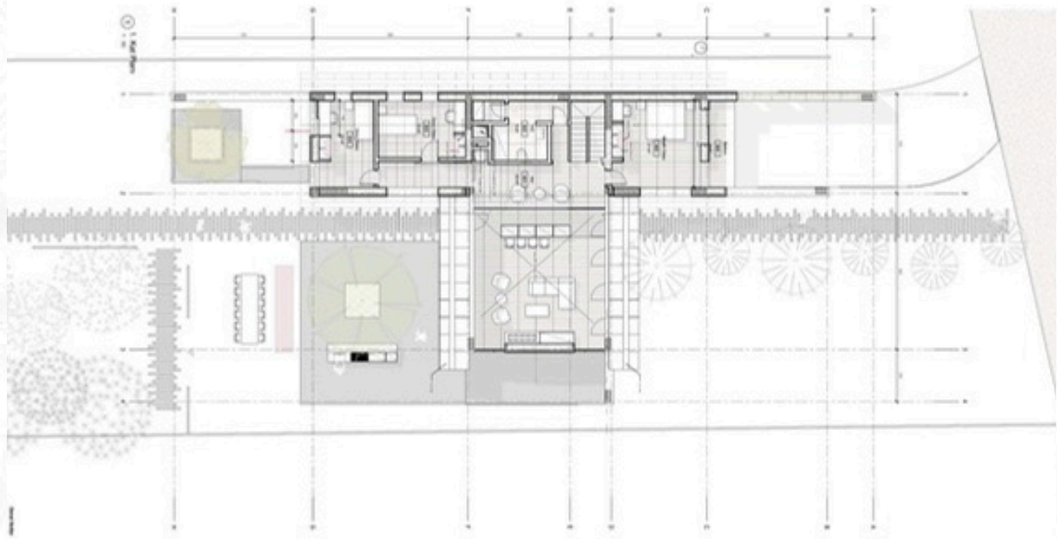
Architectural Plans



- Site Plan



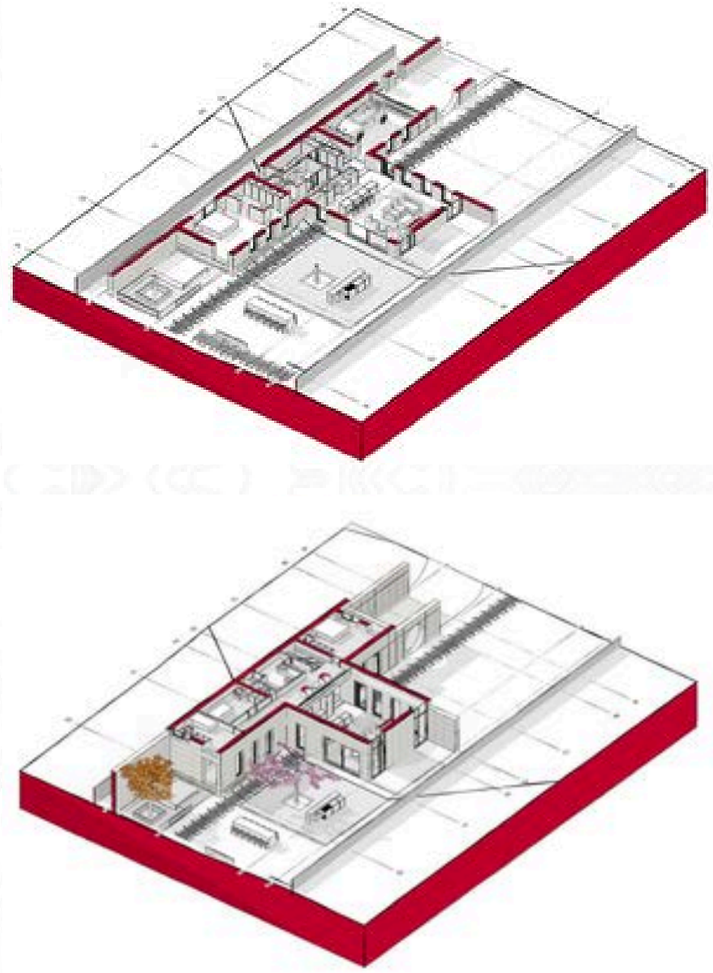
- Ground Floor Plan



- First Floor Plan

Architectural Sections & Isometric Drawings

- Sections



- Isometric Drawings

Partial Plan & Section Drawings

- Partial Plans

- Section & Isometric Drawing

- Construction Process

M-12 Offices

M-12 Offices

Project : M-12 Offices
Company: KLC Design & Consultancy
Client: Private
Project Type: Residential
Total Area: 200m² (Net Area)
Location: Konya / Turkey
Scope of Work: Concept Design, Construction Documentation, Contract Administration
Project Duration: DurationJanuary 2025 - Ongoing
Project Status: Under Construction

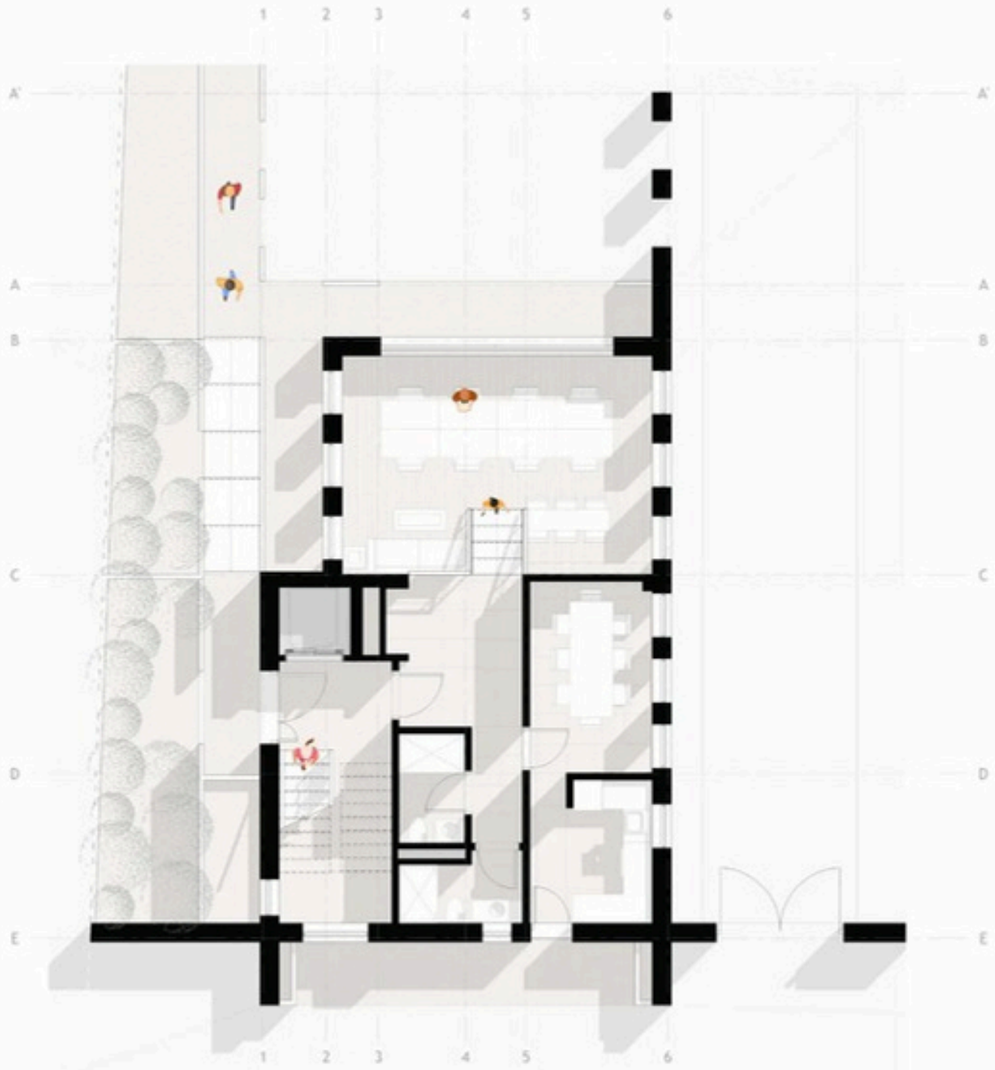
Description:

M 12 Offices approaches the contemporary workspace as a clear, ordered environment built around light, openness, and efficient use of space. The plan is structured to keep circulation straightforward and legible, reducing visual noise and helping users understand the building at a glance. Minimal forms, simple surfaces, and open-plan layouts work together to create a calm backdrop where workstations, meeting areas, and shared zones can be configured and reconfigured over time without breaking the overall logic of the design.

Natural light is treated as a primary design tool rather than a secondary effect. Open-plan areas are arranged to benefit from daylight as much as possible, while transitions between circulation, workspaces, and support functions are kept fluid and unobstructed.

On the ground floor, a shared meeting and co-working area functions as the main collective workspace, supporting both focused work and informal interaction throughout the day. Executive offices are placed on the first floor, slightly withdrawn from the main flow but still visually connected to the common areas below. At the rear of the building, a courtyard acts as an outdoor extension of the interior

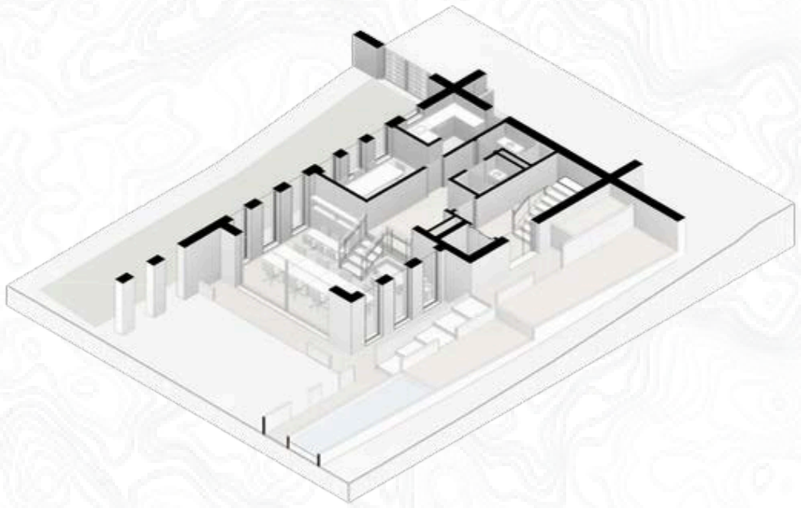
Architectural Plans



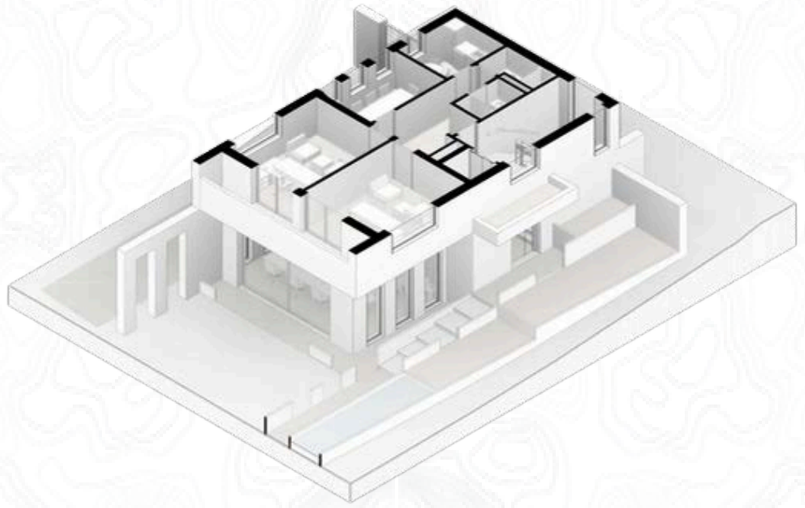
- Ground Floor Plan

- First Floor Plan

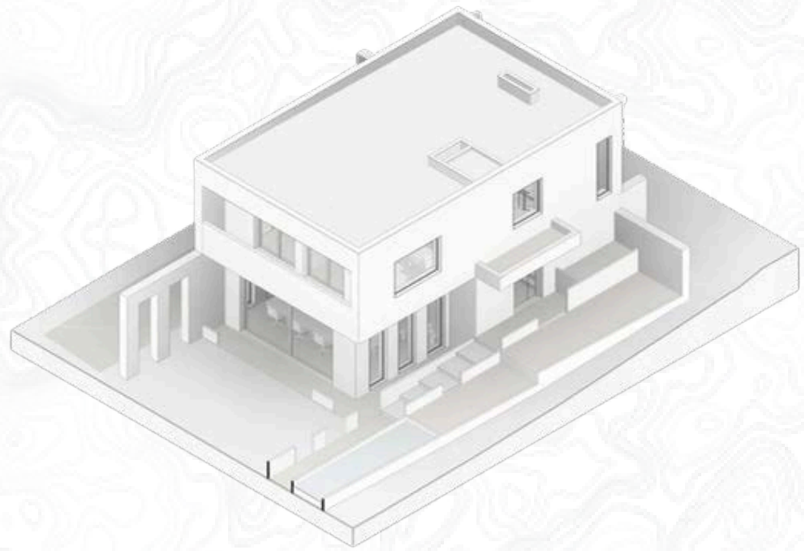
Isometric Drawings



- Ground Floor - Isometric Drawings



- First Floor - Isometric Drawings



- Isometric Drawings

Berktaş Country House

Berktaş Country House

Project : Berktaş Country House

Company: KLC Design & Consultancy

Client: Private

Project Type: Residential

Total Area: 210m²

Location: Konya / Turkey

Scope of Work: Architectural design, construction drawings and implementation

Project Duration: July 2025 – Ongoing

Project Status: Design Phase

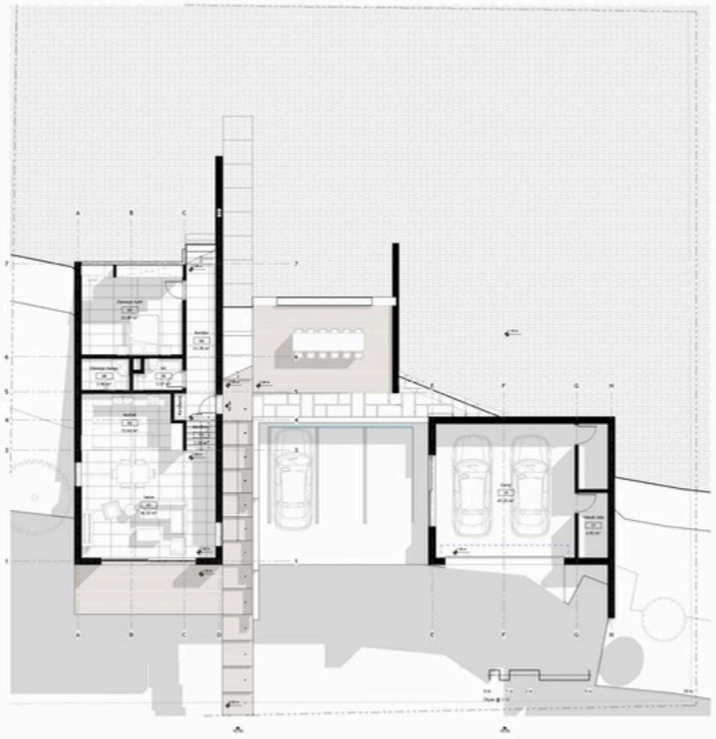
Description:

Berktaş Country House is laid out as a series of linear volumes that follow the natural slope of the land. The different levels of the terrain shape how the house is organized: circulation, access, and outdoor use all adapt to the changing topography. This stepped arrangement brings the interior and exterior closer together and lets natural light move easily through the main living spaces.

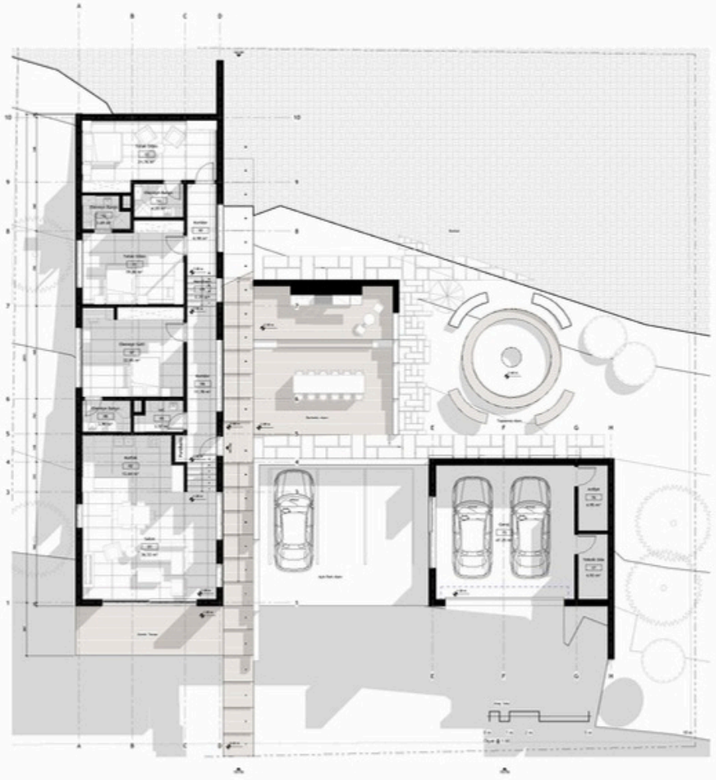
Paths woven into the landscape and courtyard-oriented open areas encourage everyday use of the outdoors. Openings are positioned to keep views clear and to maintain a continuous relationship between inside and outside. Simple materials, restrained textures, and measured transparency give the house a calm but clear identity, creating a setting where light, landscape, and daily routines stay tightly connected.

Inside, the plan is kept straightforward: shared spaces are oriented toward views and daylight, while more private rooms are set back and slightly protected. Transitions between these areas are designed as small moments short corridors, changes in floor level, or framed views that make moving through the house feel gradual rather than abrupt. In this way, the project focuses less on formal gestures and more on how the residents experience light, movement, and landscape throughout the day.

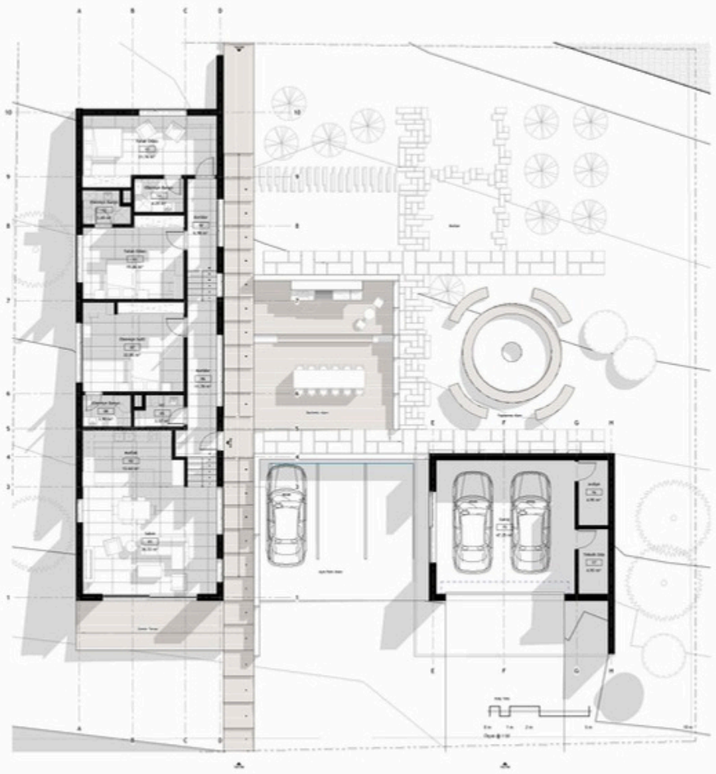
Architectural Plans



- +1.00 Level Plan

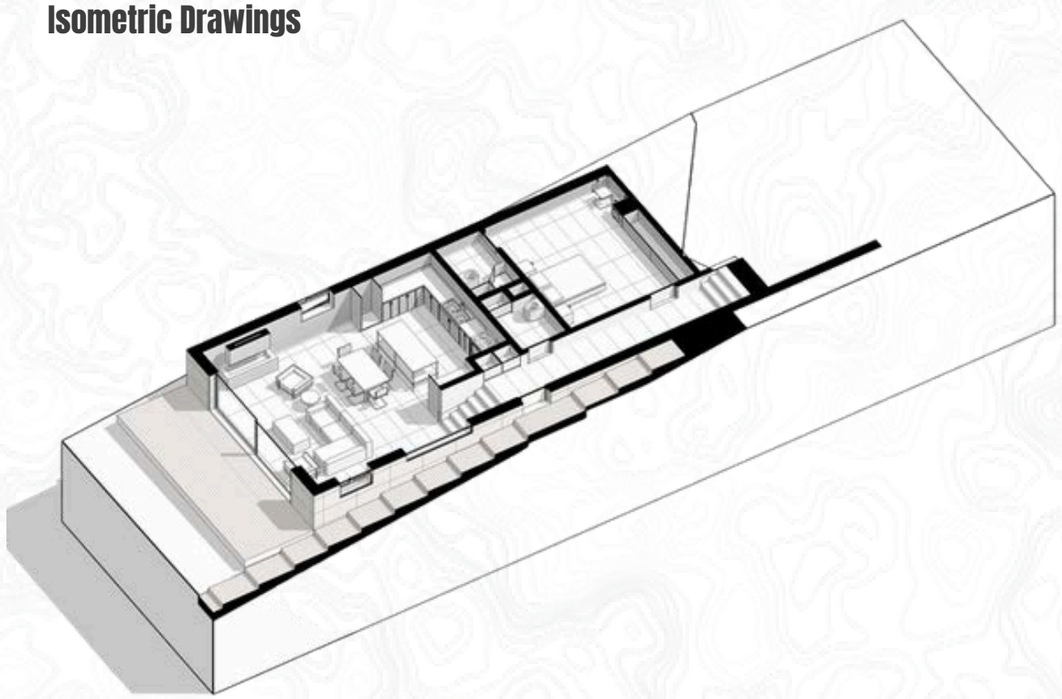


- +2.00 Level Plan

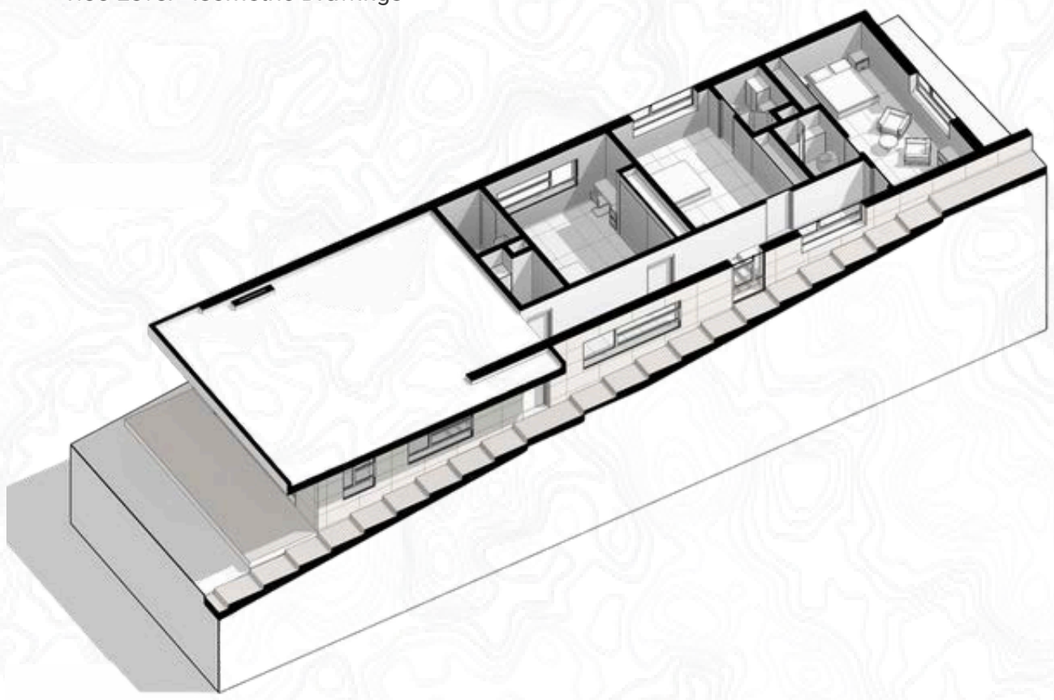


- +3.00 Level Plan

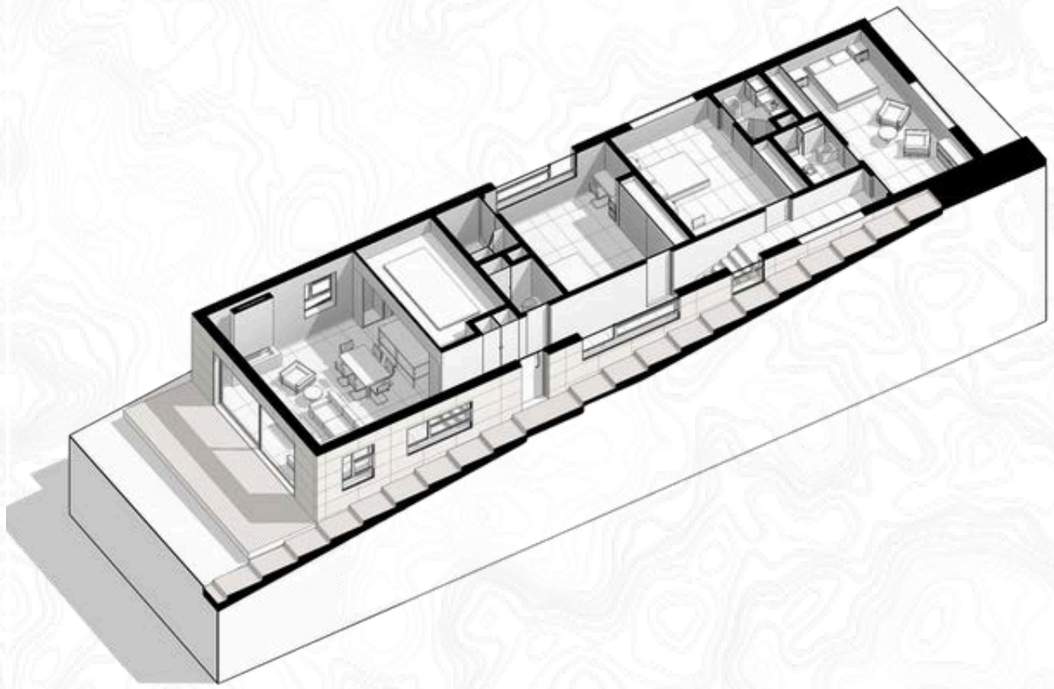
Isometric Drawings



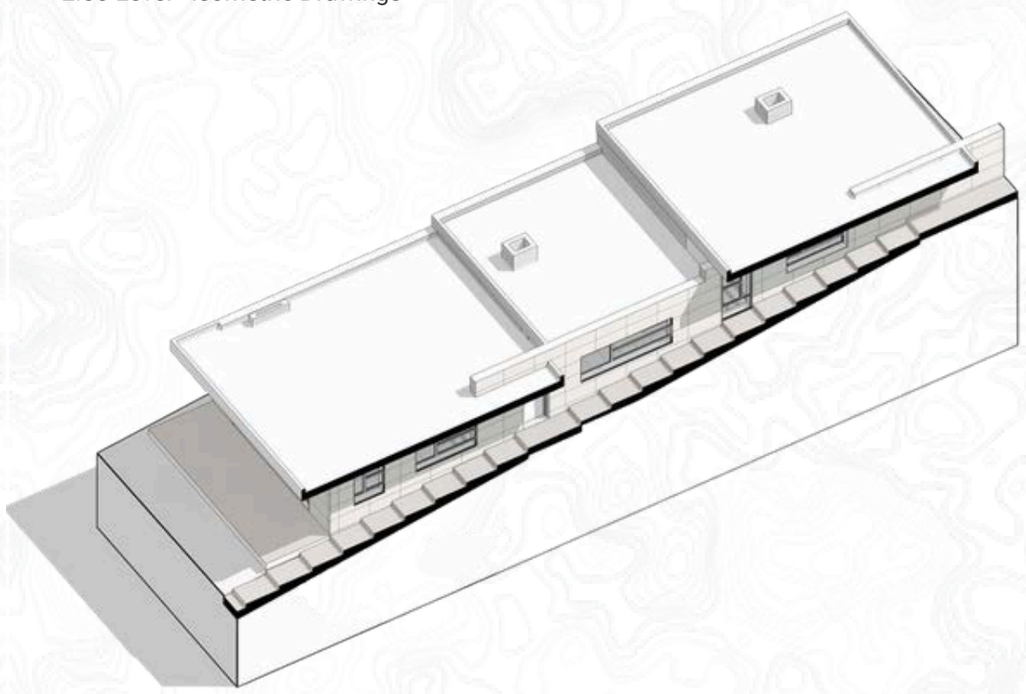
- +1.00 Level - Isometric Drawings



- +3.00 Level - Isometric Drawings

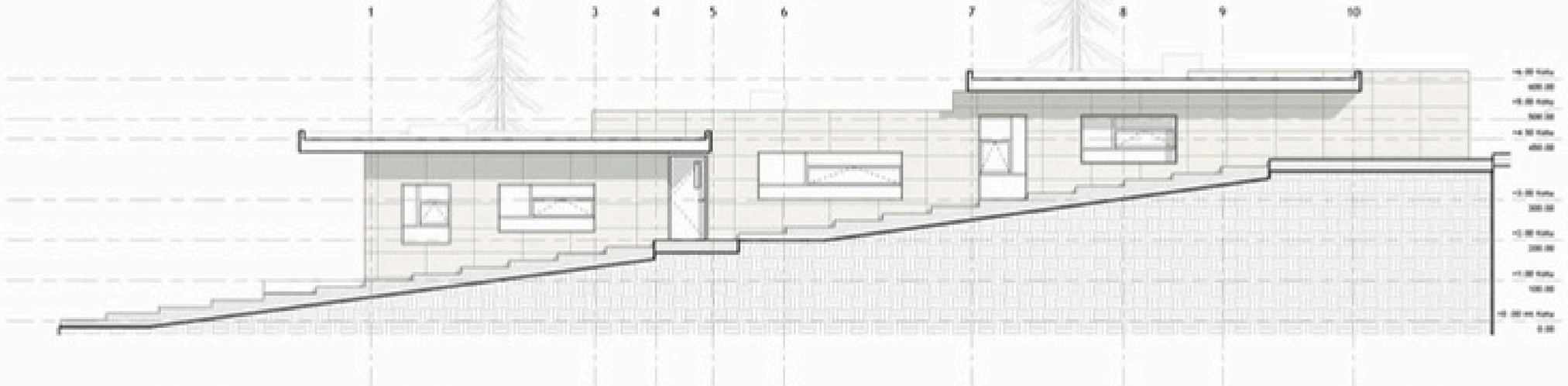


- +2.00 Level - Isometric Drawings

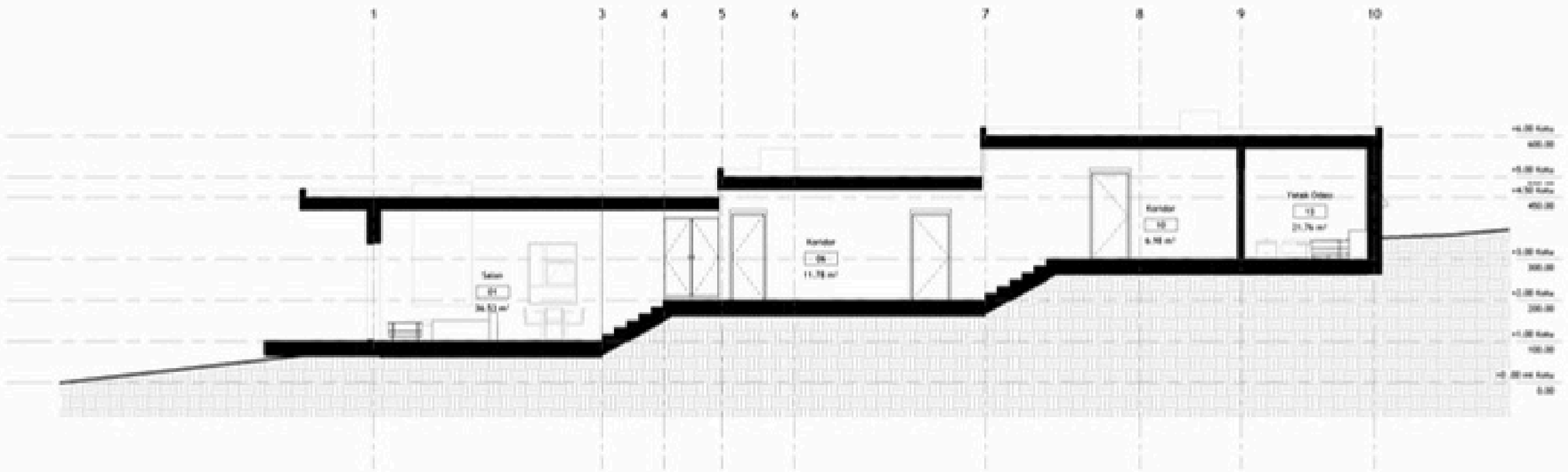


- +5.00 Level - Isometric Drawings

Architectural Sections



- Section - A



- Section - B

- Rendering

Aliağa Petcoke Plant BIM Model

Aliağa Petcoke Plant BIM Model

Project : Aliağa Petcoke Plant BIM Model

Company: KLC Design & Consultancy

Client: Private

Project Type: Industrial Storage Facility – BIM Modeling & Feasibility

Location: Aliağa, İzmir, Turkey

Total Site Area: 18,750 m²

Total Usable Floor Area: 7,500 m²

Scope of Work: BIM model of sulfur storage facility and site, 3D terrain model, and quantity takeoff for feasibility

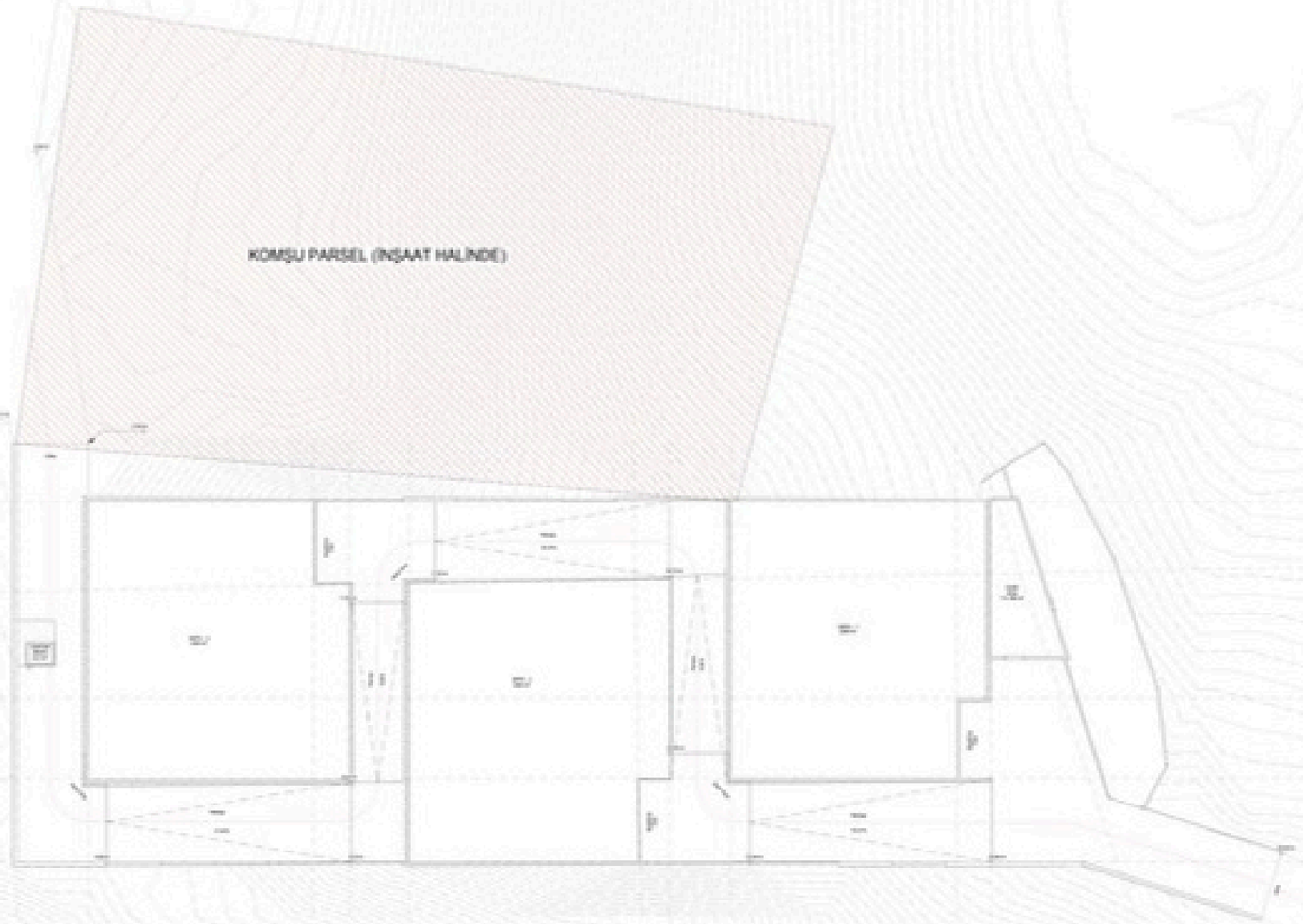
Services: Topographic modeling, BIM development, earthwork and structural quantities, parcel and code compliance checks

Project Year: September 2025 - October 2025

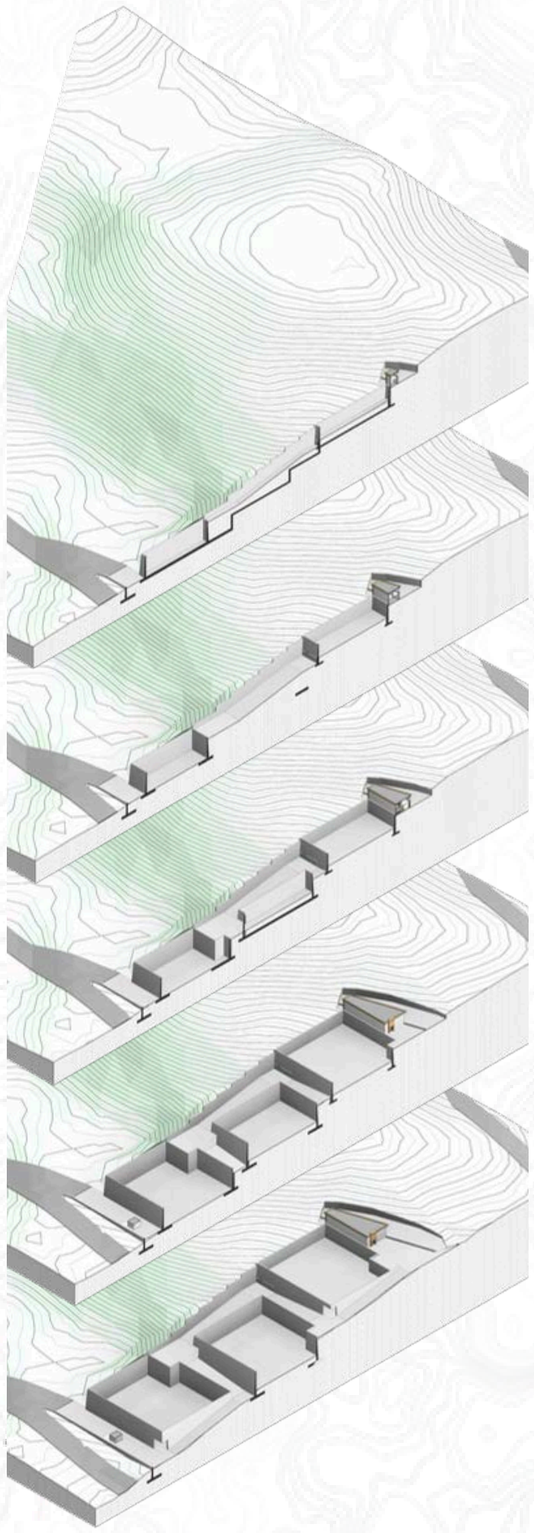
Description:

As part of the BIM feasibility study, the existing sulfur storage and administrative building design was rebuilt on the actual topography and parcel boundaries. Within this model, storage cells, structural system, ramps, and circulation were tested to check road gradients, layout decisions, and compliance with regulations and plot limits. This clarified how well the design fits the site and which aspects require revision.
Using the same model, key quantities for excavation and fill, retaining structures, concrete, and reinforcement were generated and priced with up-to-date unit rates to obtain an approximate construction cost. This cost was then compared with the contractor's proposal to evaluate the viability of the investment, identify high-risk cost items, and highlight design decisions that need adjustment, providing a clear technical and economic framework for the sulfur storage project.

Architectural Plan & Isometric Drawings



- Site Plan



- Isometric Drawings

- Rendering

TED College Library & Cinema Hub

TED College Library & Cinema Hub

Project : TED College Library & Cinema Hub

Company: KLC Design & Consultancy

Client: TED College

Project Type: Educational – Interior Design (Library & Multi-Purpose Room)

Location: Turkey

Scope of Work: Interior redesign, space planning, furniture layout and lighting concept

Project Status: Design phase

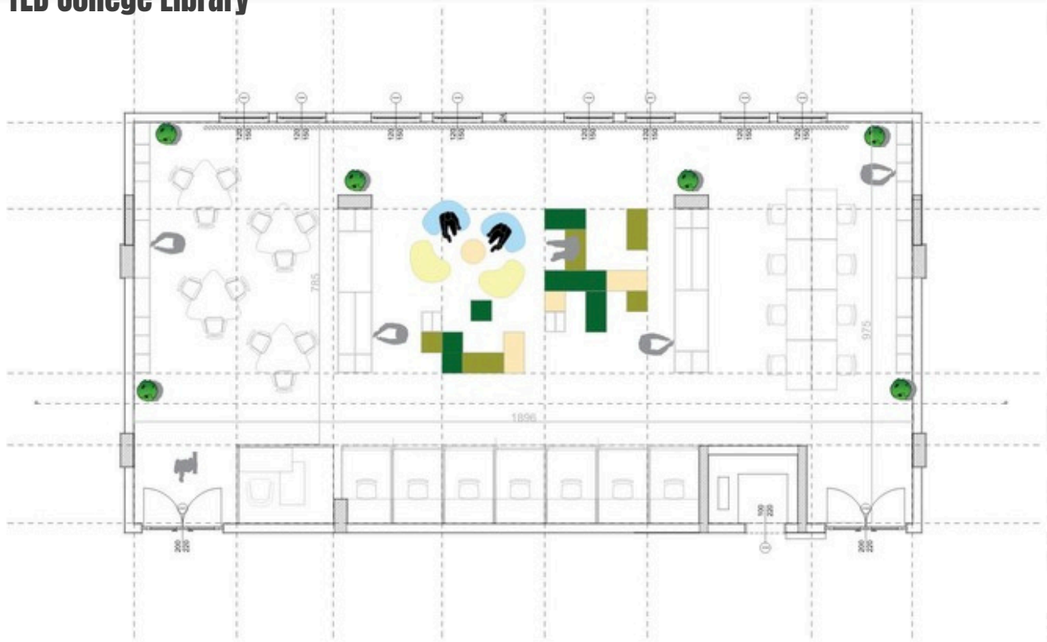
Description:

The project involves the interior design of a library and a multi-purpose cinema/event room for TED College students, bringing different modes of use learning, resting, making, and collective activities under one flexible spatial framework.

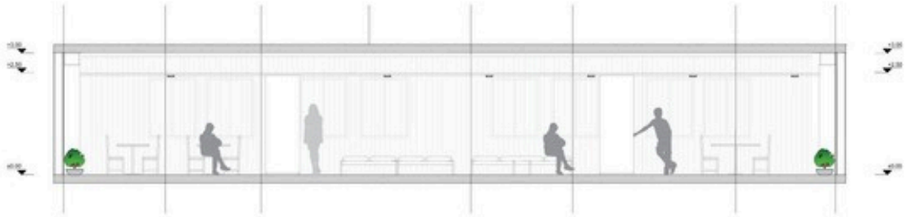
In the library area, colourful seating modules, modular shelving systems, and façade elements that draw natural light deep into the interior create an open field where students can circulate, work, and socialise with ease. Study areas are separated by glass partitions to allow for quiet use while maintaining visual continuity across the space, giving the interior a clear and contemporary character.

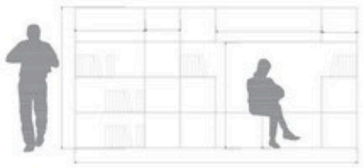
In the cinema and event room, rising platforms and modular tiers support multiple seating configurations, adapting the space from screenings to talks, workshops, and group activities. Acoustic elements are integrated into the envelope to control sound performance, while ceiling panels and coloured seating pieces establish a more dynamic atmosphere suited to younger users. Together, the two spaces form a coherent interior environment that balances openness and control, allowing the school to host both everyday study routines and larger collective events within a single, coordinated design.

TED College Library



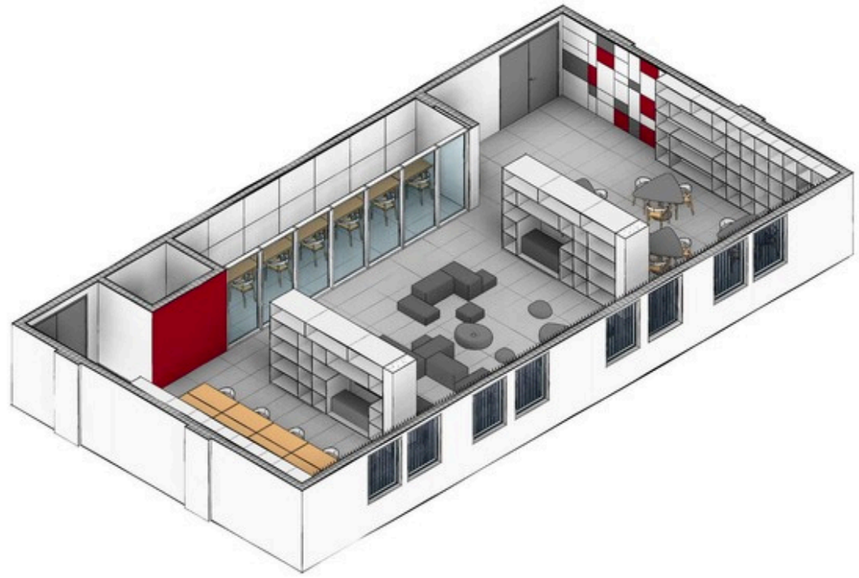
- Plan



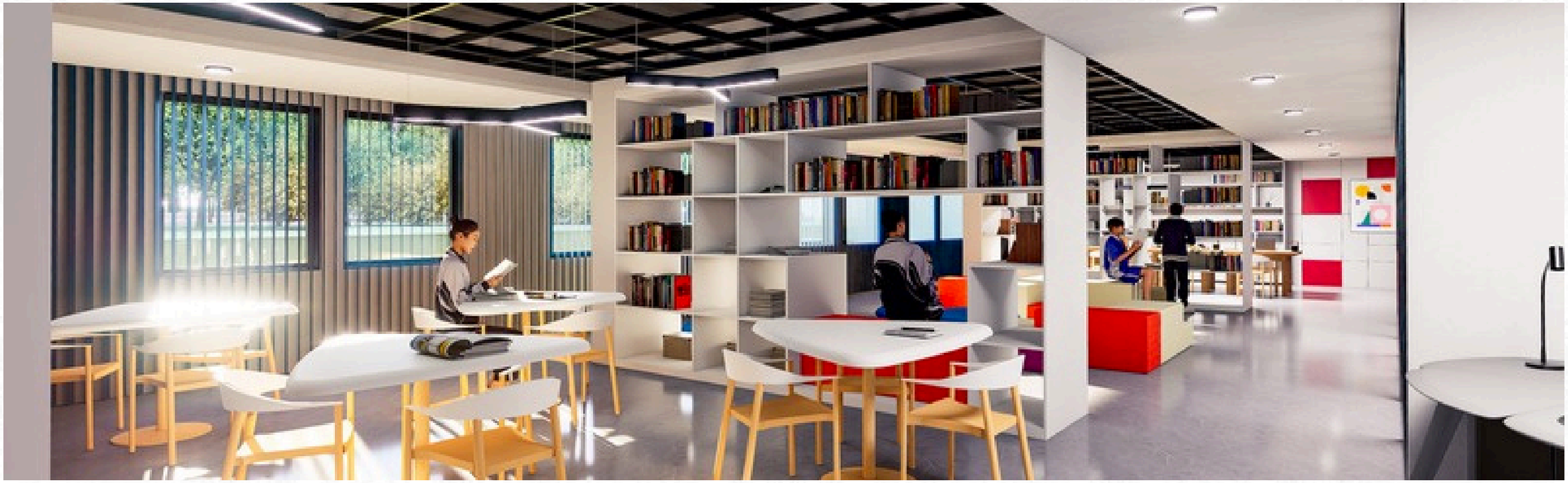


- Sections

- Isometric Drawings

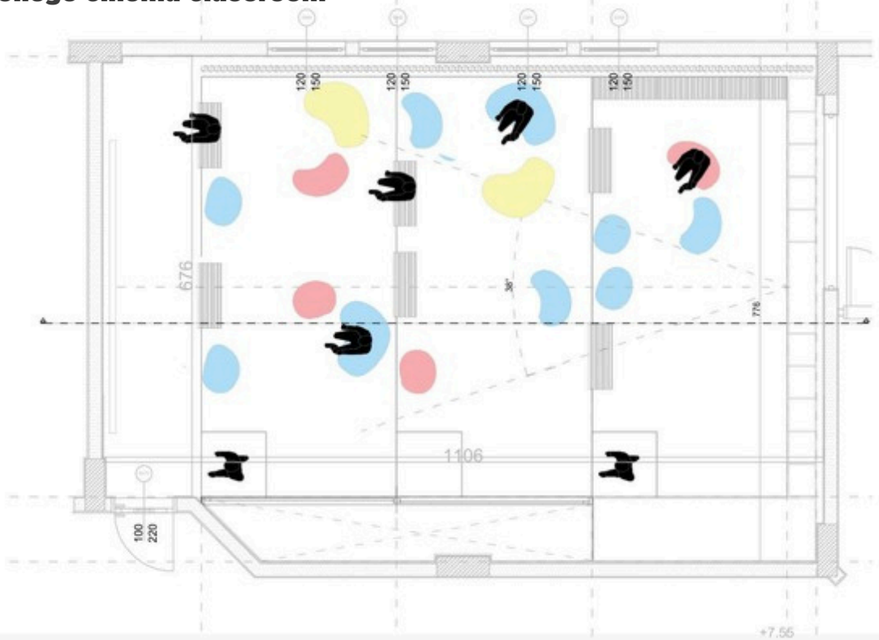


- Isometric Drawings

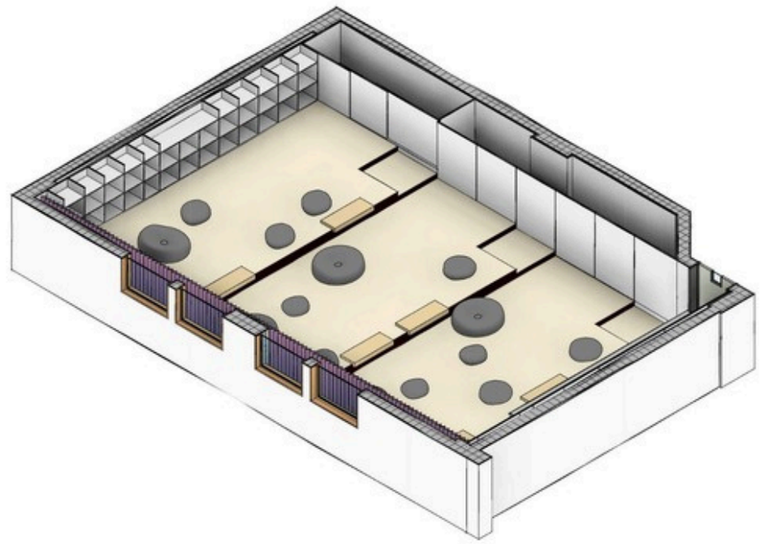


- Rendering

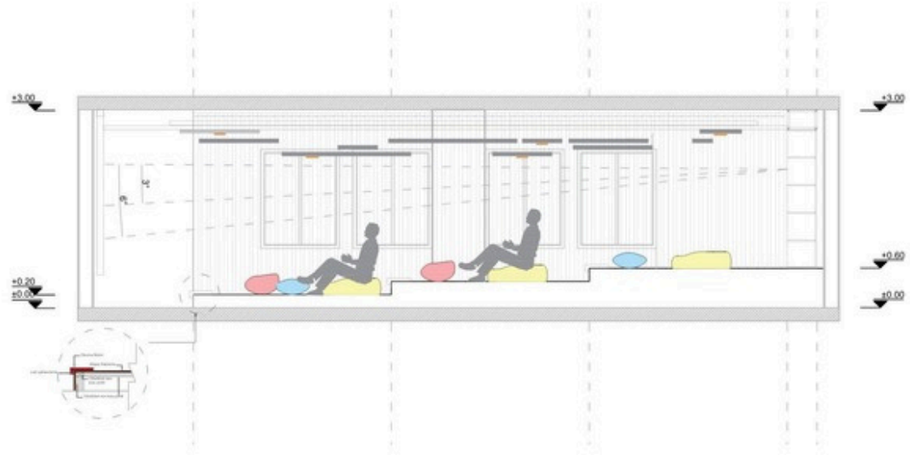
TED College Cinema Classroom



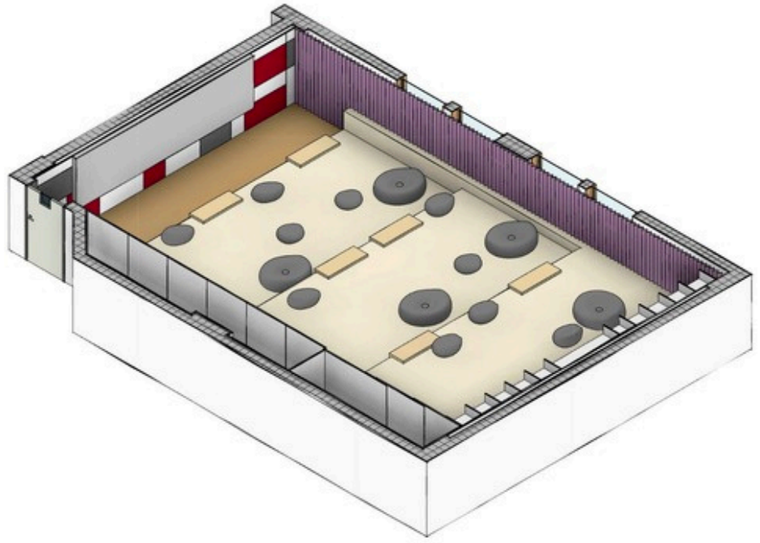
- Plan



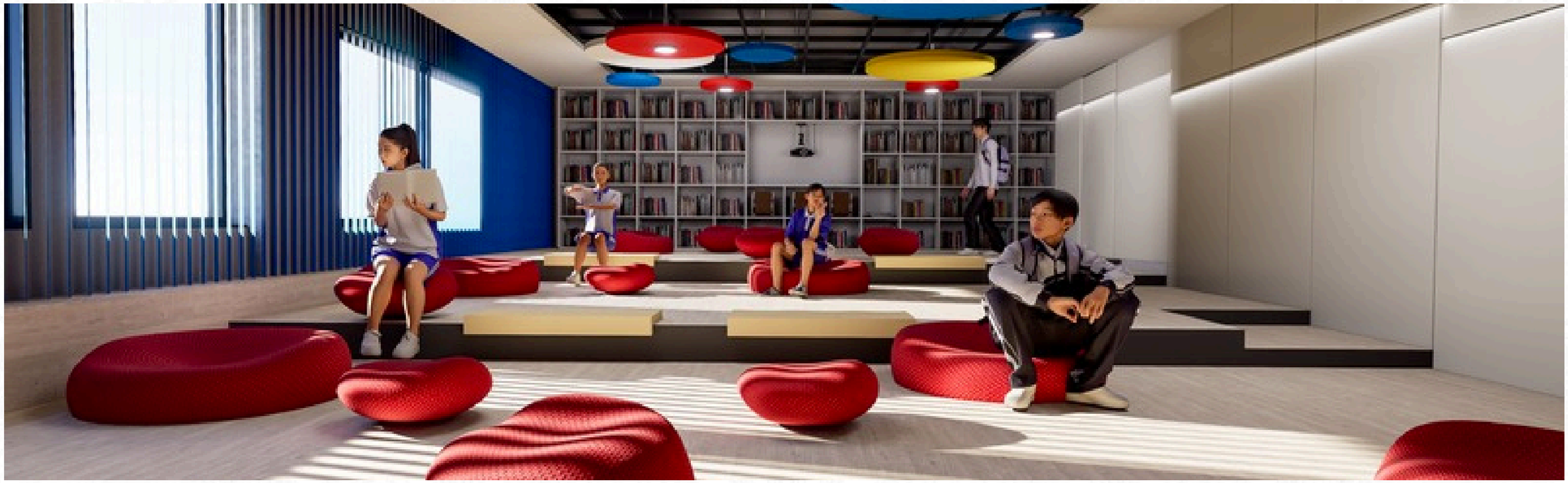
- Isometric Drawings



- Sections



- Isometric Drawings



- Rendering

Business Center Renewal Project

Business Center Renewal Project

Project : Derebucaklılar Business Center Renovation
Company: KLC Design & Consultancy
Client: Business Center Management
Project Type: Commercial – Architectural Renovation
Location: Beyşehir/Konya
Total Site Area: 1,109 m²
Total Usable Floor Area: 4,641 m²
Scope of Work: Ground and drone-based LiDAR scanning, point cloud processing, 3D CAD model and BIM model (LOD 300) for the factory and immediate surroundings
Services: Existing condition analysis, survey and BIM model, structural performance and strengthening design, architectural renovation and façade design
Project Year: April 2025 - Ongoing

Description:

Derebucaklılar Business Center Renovation is structured as an integrated process that starts with document review and on-site analysis and moves through design, strengthening and valuation in a coordinated way. The workflow includes examining existing permits and drawings, comparing them with current use on site, preparing detailed survey drawings in CAD/BIM, and carrying out a structural performance analysis in line with the 2018 Earthquake Code to define strengthening needs.

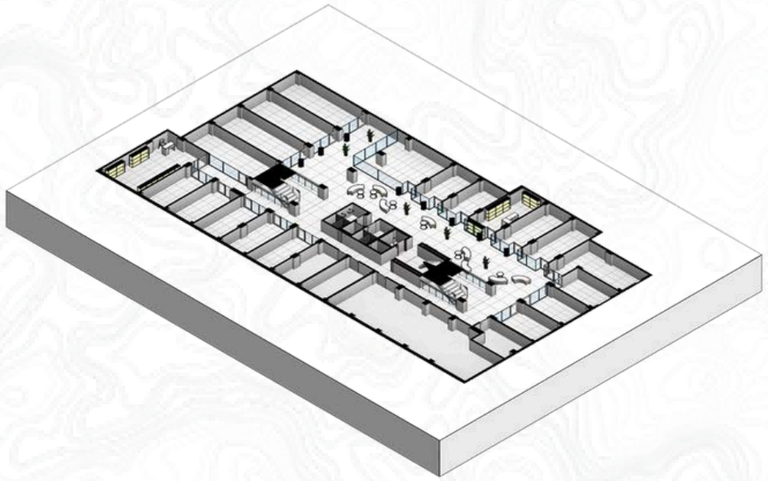
On the design side, the project reworks core areas such as fire stairs, lifts, emergency exits and common wet areas, and reorganises usage scenarios in the basement and terrace (e.g. work areas, book café, F&B terrace) while updating shop and office modules for contemporary use. The façade is redesigned with modular signage bands, standardised shopfronts and revised semi-open balconies, then consolidated in an architectural BIM model with plans, sections, elevations and 3D visuals to guide the implementation phase.

Throughout the process, drawings and reports are coordinated with the municipality and relevant authorities to ensure compliance with current planning, fire and earthquake regulations. Permit files are prepared on the basis of the updated architectural and strengthening projects, and revisions are made where needed in response to official feedback. This coordination aims to minimise risk at the approval stage and to provide the owners with a clear, buildable framework for the renovation and strengthening works.

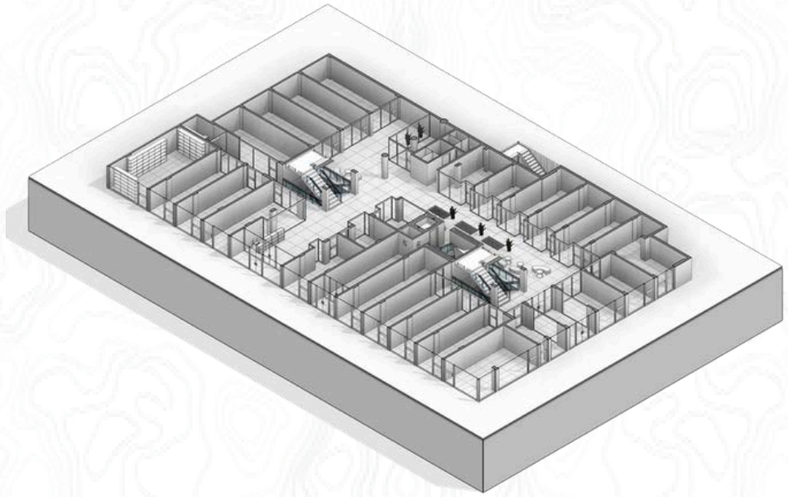
Architectural Plans

- Ground Floor Plan

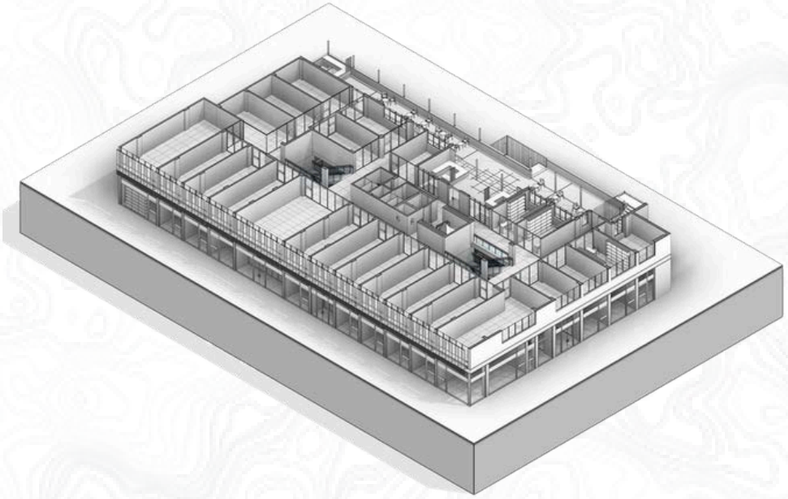
Isometric Drawings



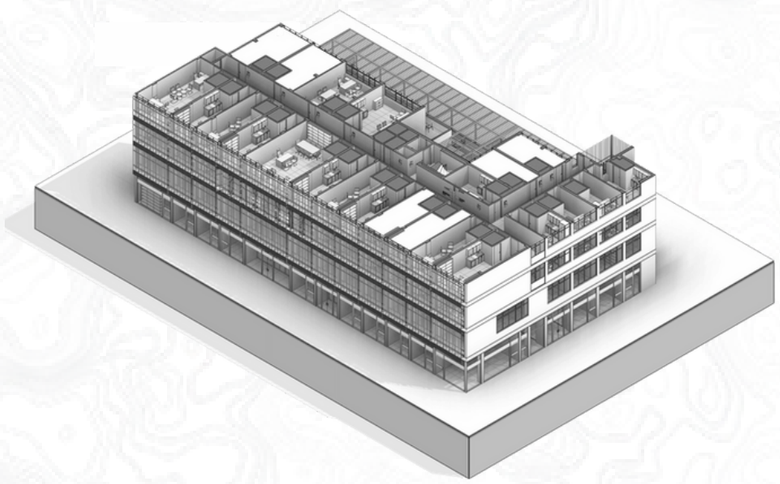
- Basement Floor - Isometric Drawings



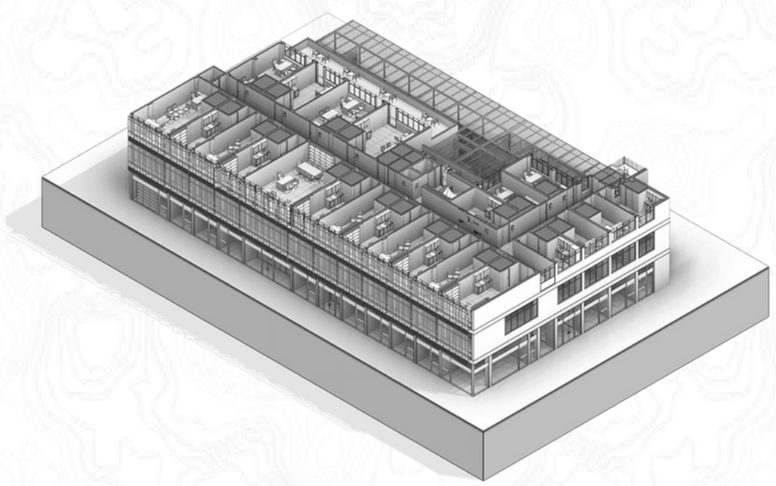
- Ground Floor - Isometric Drawings



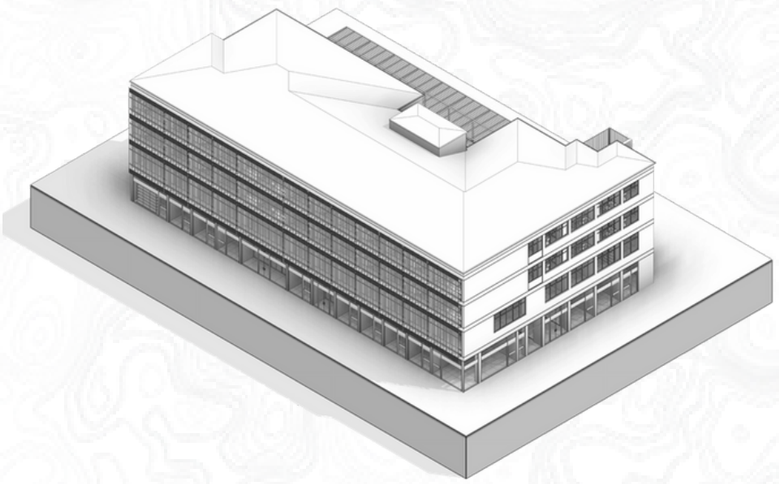
- First Floor - Isometric Drawings



- Second Floor - Isometric Drawings

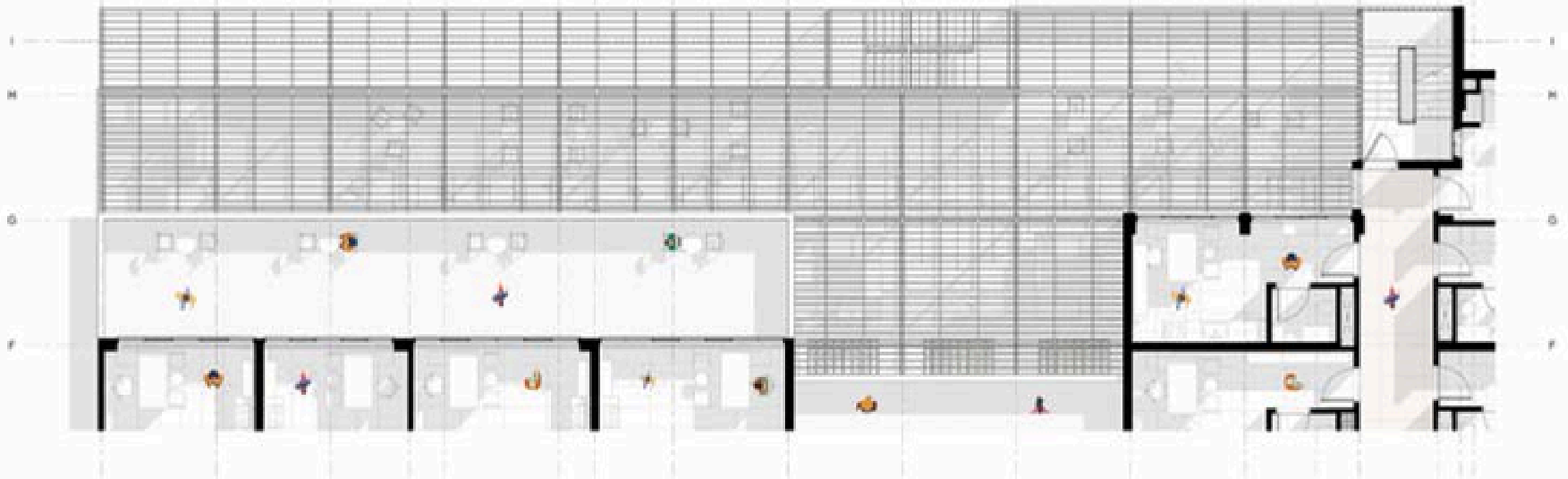


- Third Floor - Isometric Drawings

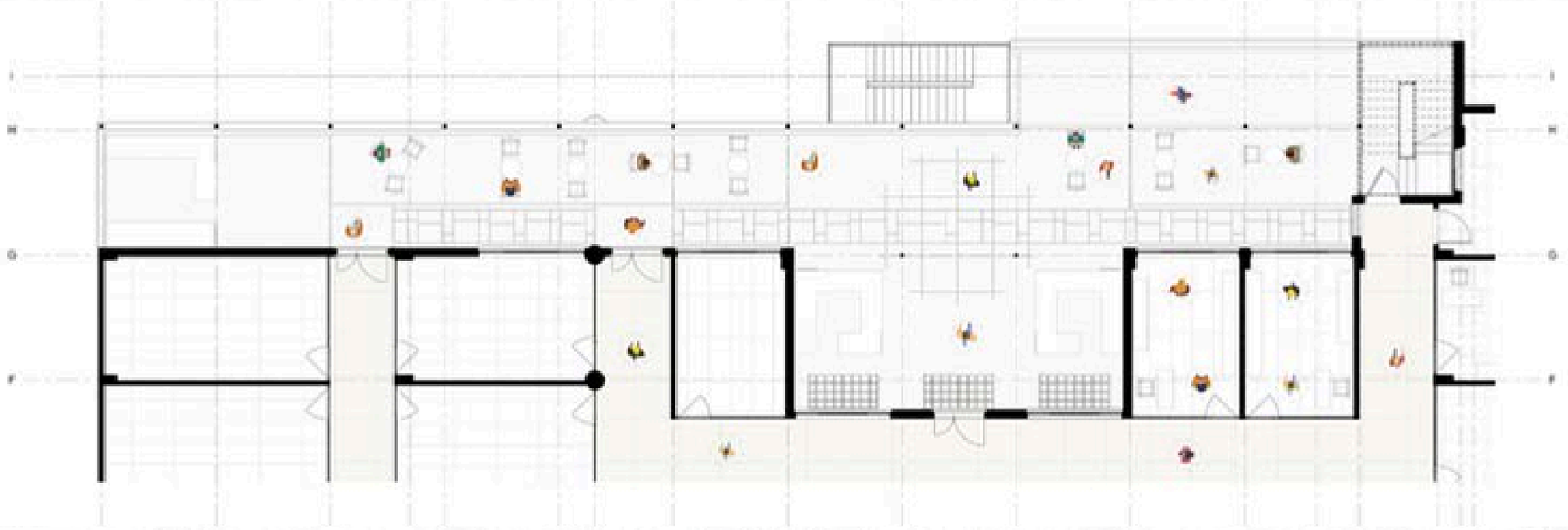


- Isometric Drawings

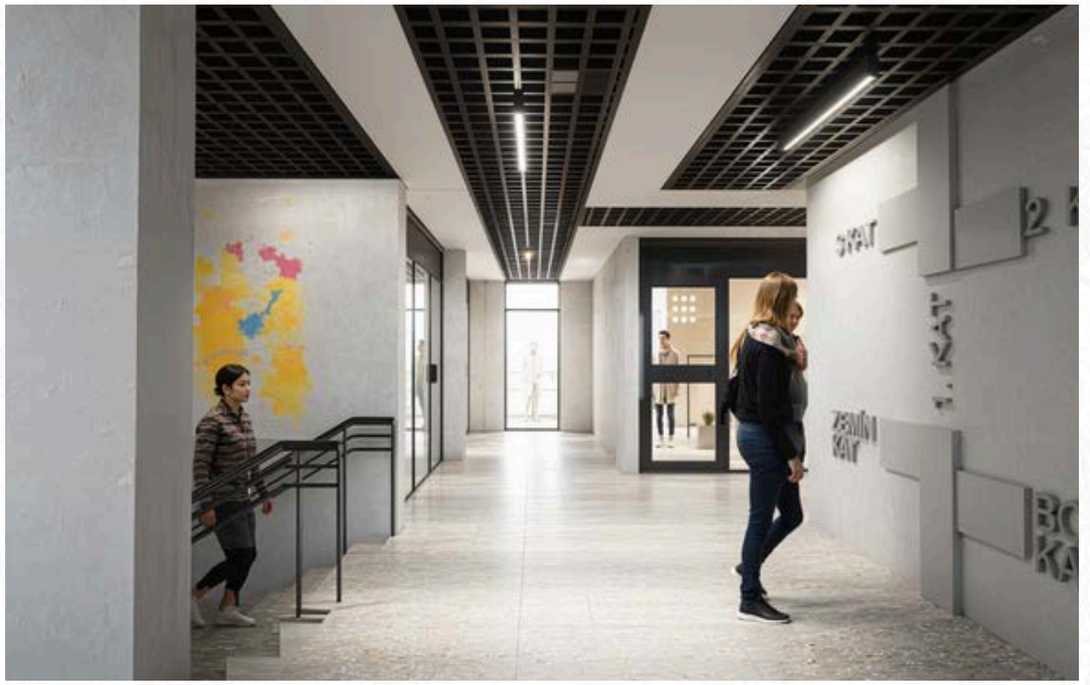
Architectural Plans



- Pergola Plan



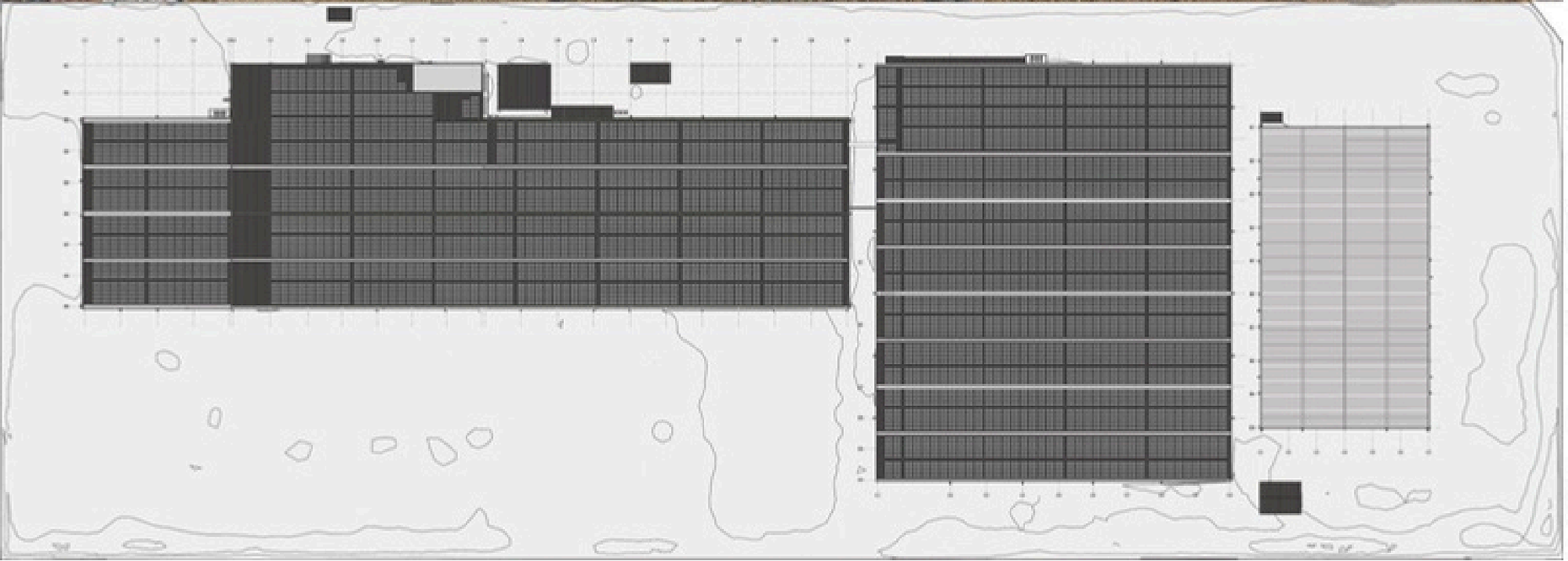
- Terrace Plan



- Rendering

Alpla Factory Scan-to-BIM Project

Alpla Factory Scan-to-BIM Project



Project : Alpla Factory Scan-to-BIM Project
Company: KLC Design & Consultancy
Client: ALPLA Group
Project Type: Industrial facility – LiDAR scanning and digital modeling
Location: Tire Organized Industrial Zone, İzmir/Turkey
Total Site Area: 49,224 m²
Total Usable Floor Area: approx. 25,000 m²
Scope of Work: Ground and drone-based LiDAR scanning, point cloud processing, 3D CAD model and BIM model (LOD 300) for the factory and immediate surroundings
Services: Interior–exterior LiDAR scanning, drone-based roof and solar panel scanning, CAD modeling, BIM modeling (LOD 300)
Project Year: August 2025 - October 2025

Description:

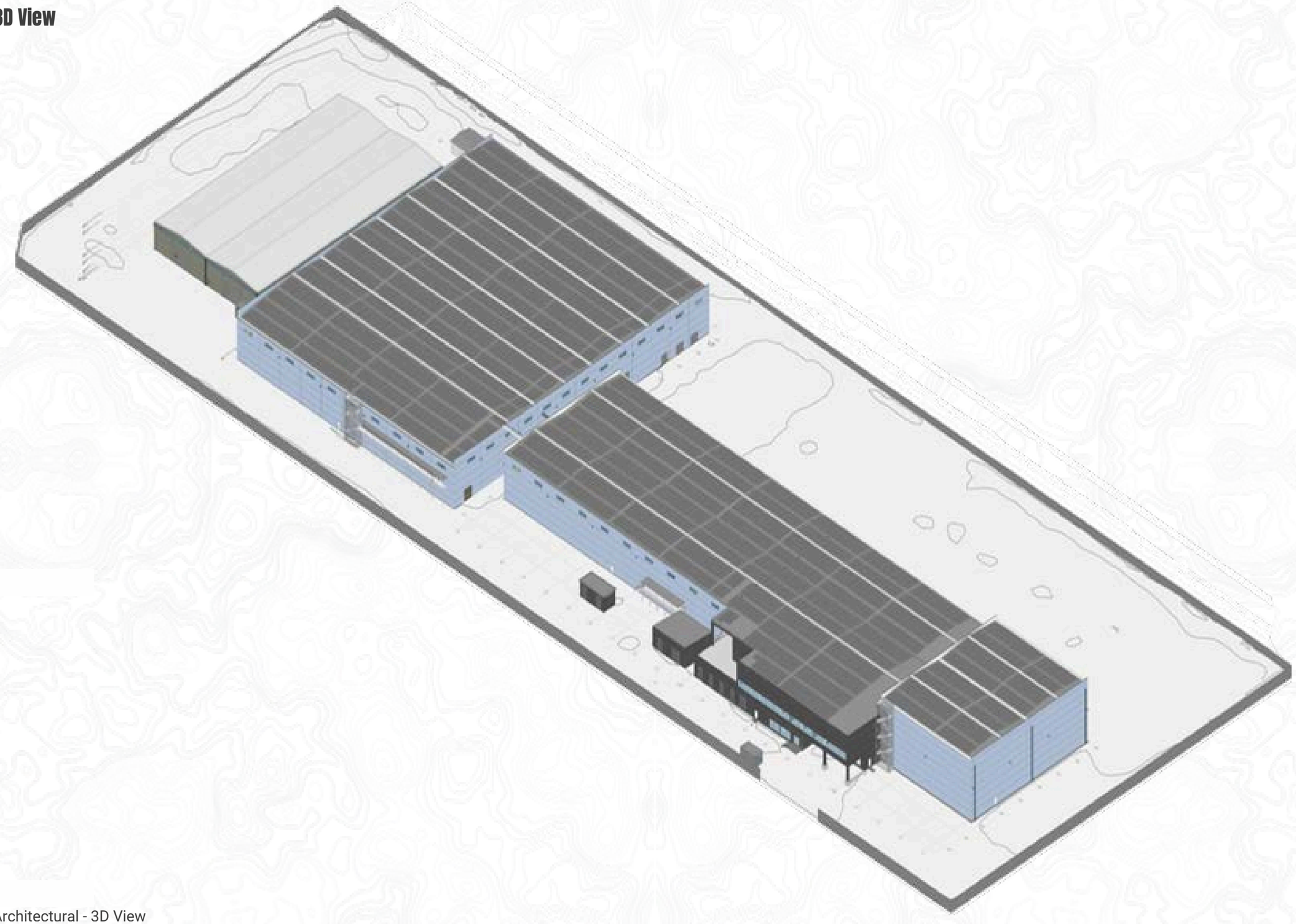
The Alpla Factory Scan-to-BIM project focuses on creating a detailed digital model of an existing industrial facility to support planning, process analysis, and facility management. The work covers both the interior and exterior of the factory building, including its roof structures and solar panel installations. Using high-precision LiDAR equipment, the building envelope, production areas, and circulation zones are documented as a consistent point cloud dataset, providing an accurate geometric basis for further analysis and coordination.

Ground-based scans are complemented by drone-based LiDAR and imaging to capture the roof geometry, technical installations, and solar panel layout that would be difficult to document from the interior alone. The combined point cloud is then processed and converted into a 3D CAD model and a BIM model developed to LOD 300, where architectural, structural, and primary MEP elements are modeled with measurable, reliable geometry suitable for planning purposes.

3D View

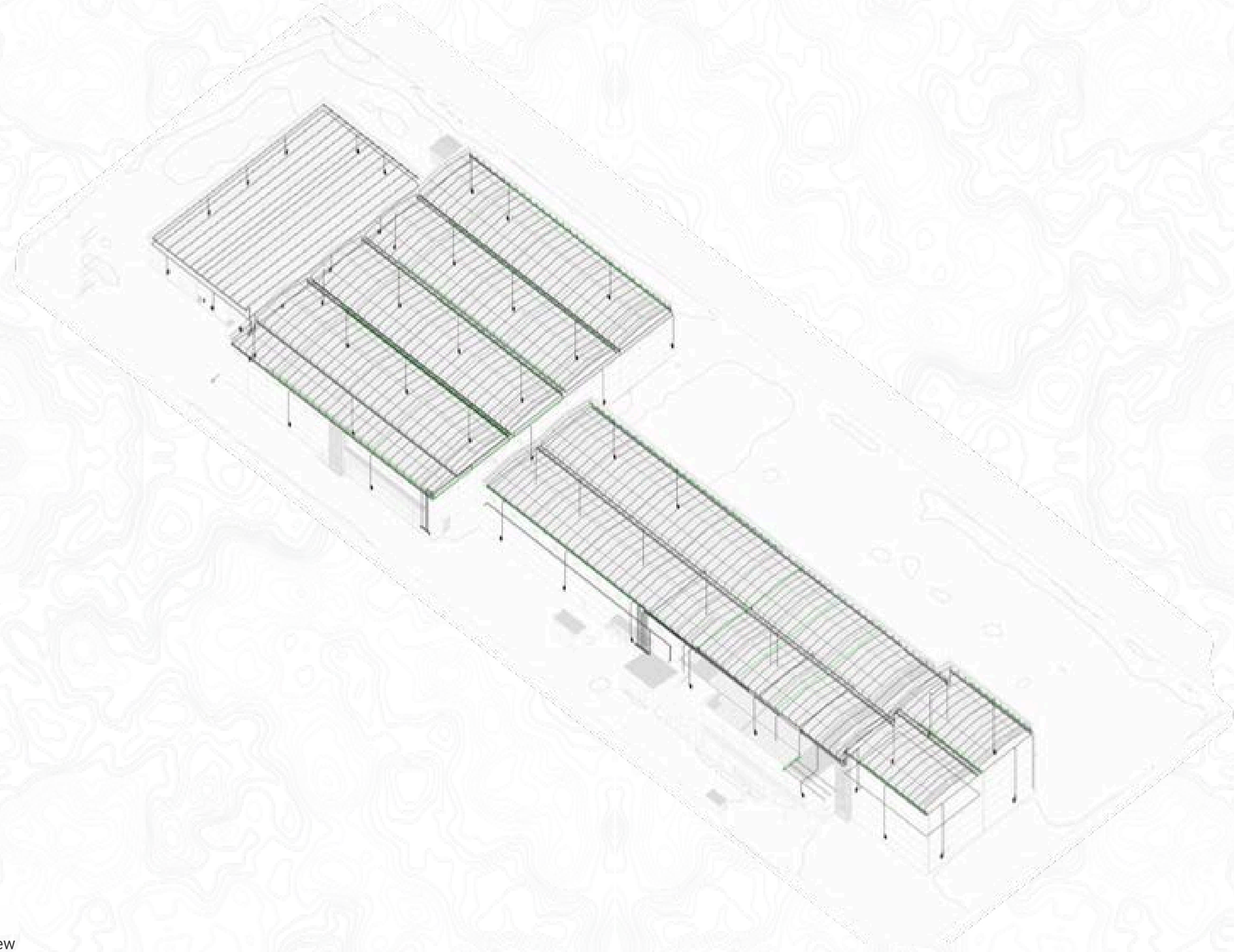
- Point Cloud - 3D View

3D View



- Architectural - 3D View

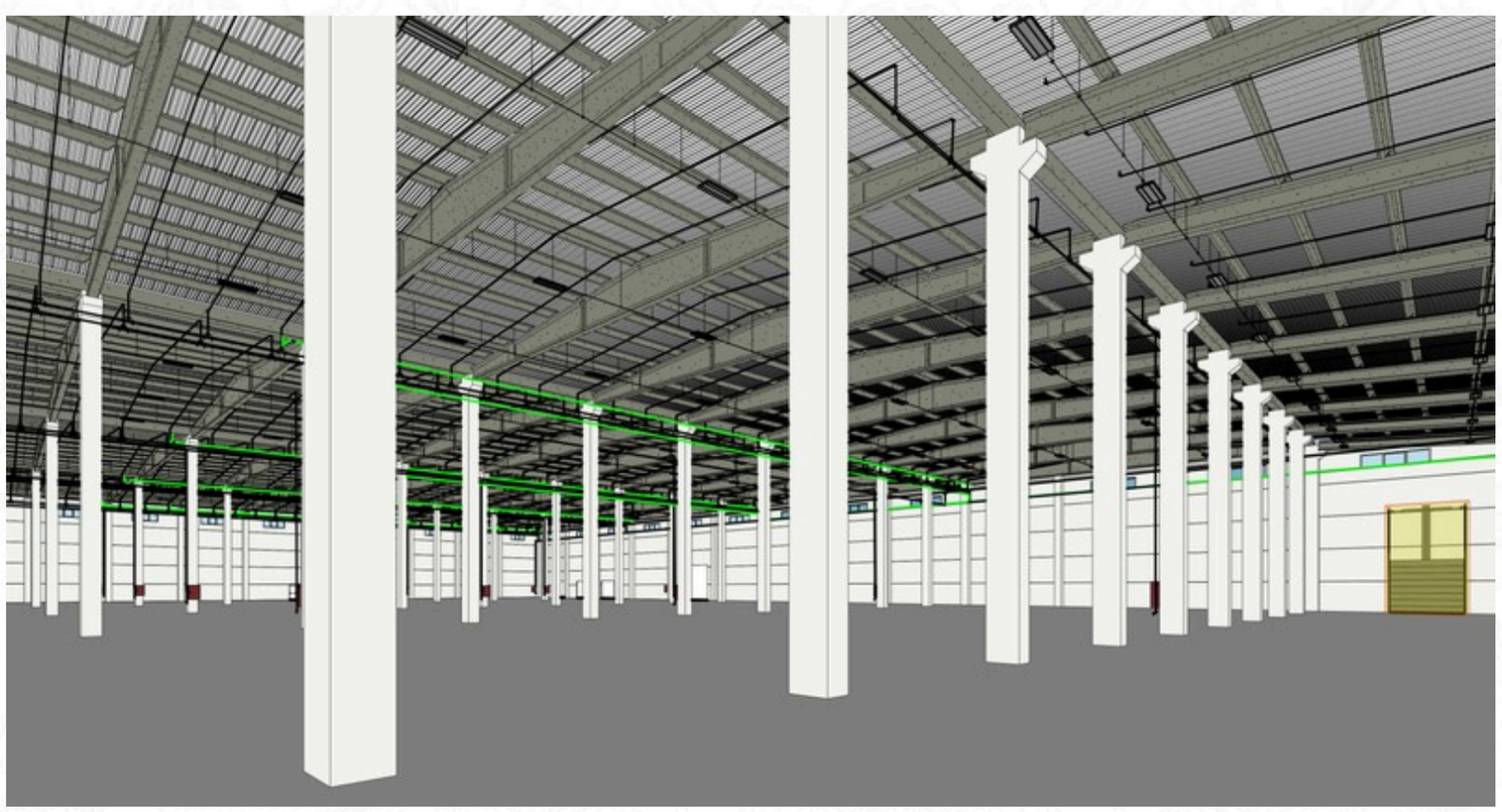
3D View



- MEP - 3D View

3D View

- Point Cloud



- Revit Model

thank you!