

MIRROR® BIM & ENGINEERING SERVICES



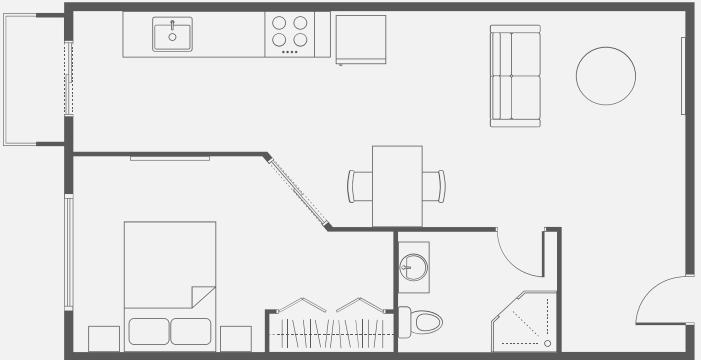
OVERVIEW

About us

As a passionate and detail-oriented BIM Architects, we are specialized in creating intelligent 3D models and coordinating architectural designs using Revit and other BIM software. With over [9 years of experience in residential, commercial, and mixed-use projects, we bring efficiency, innovation, and precision to every project we take on.

Skills & Tools

- BIM Software: Revit, Navisworks, AutoCAD, BIM 360
- Modeling: Architectural, Structural, MEP & ID modeling, family creation, LOD 100–500
- Coordination: Clash detection, interdisciplinary coordination
- Documentation: Construction documents, shop drawings, schedules
- Standards: Familiar with IFC, ISO 19650, and project standards
- Others: Inscape, 3dsmax,vray, Lumion (for rendering)



PREVIOUS PROJECTS

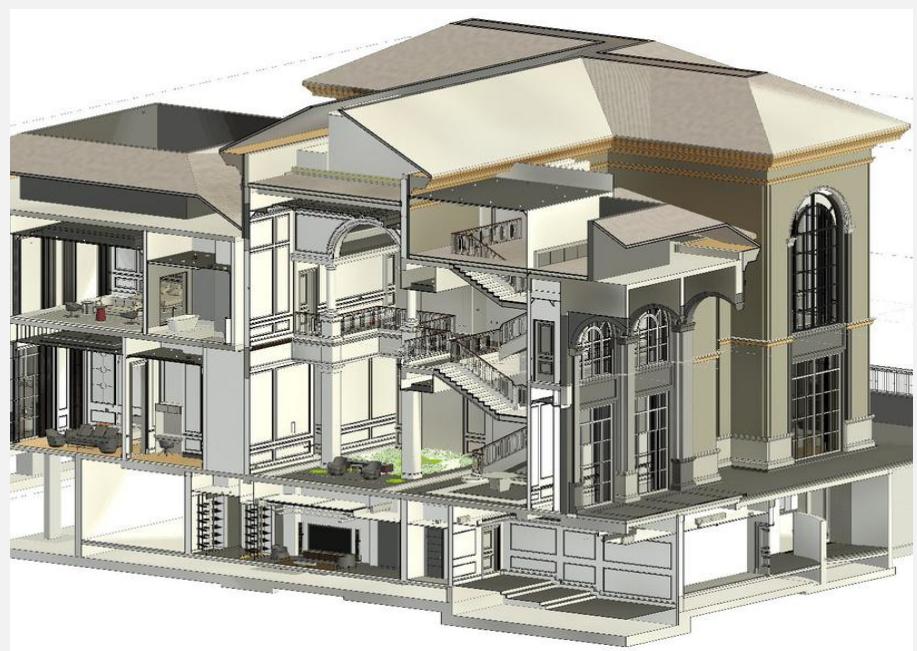
LUXURY RESIDENTIAL VILLA

- **Location:** Sobha Heart Land II, Dubai UAE
- **Client:** PNC Architects, Sobha Developments
- **Scope:** Full BIM Architectural, Structural, MEP Modeling.
- **LOD:** 400-500

SERVICES OFFERED

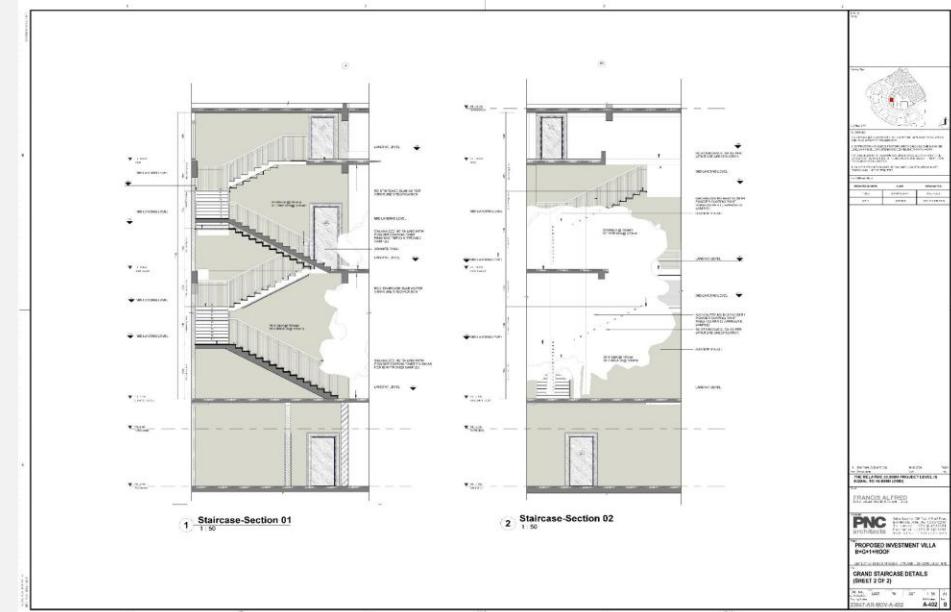
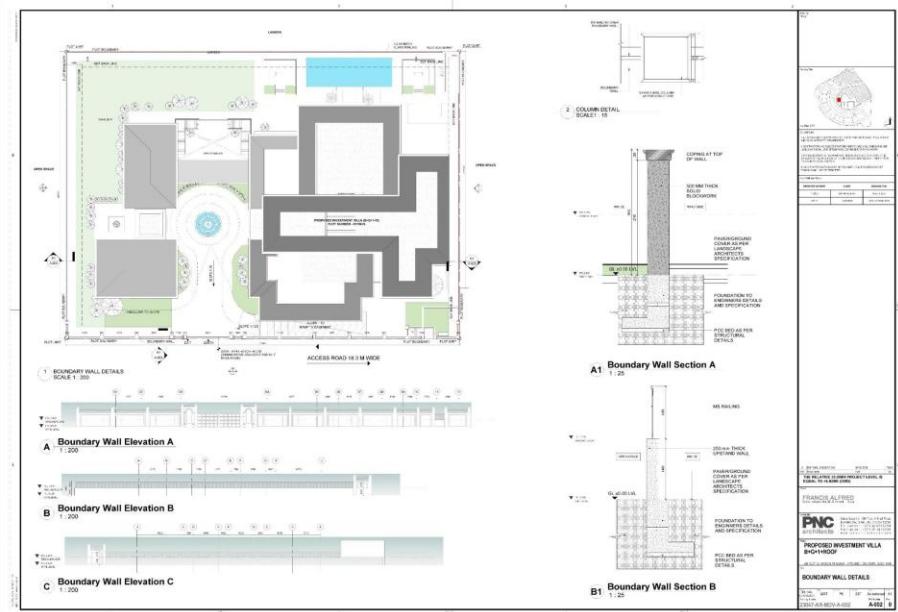
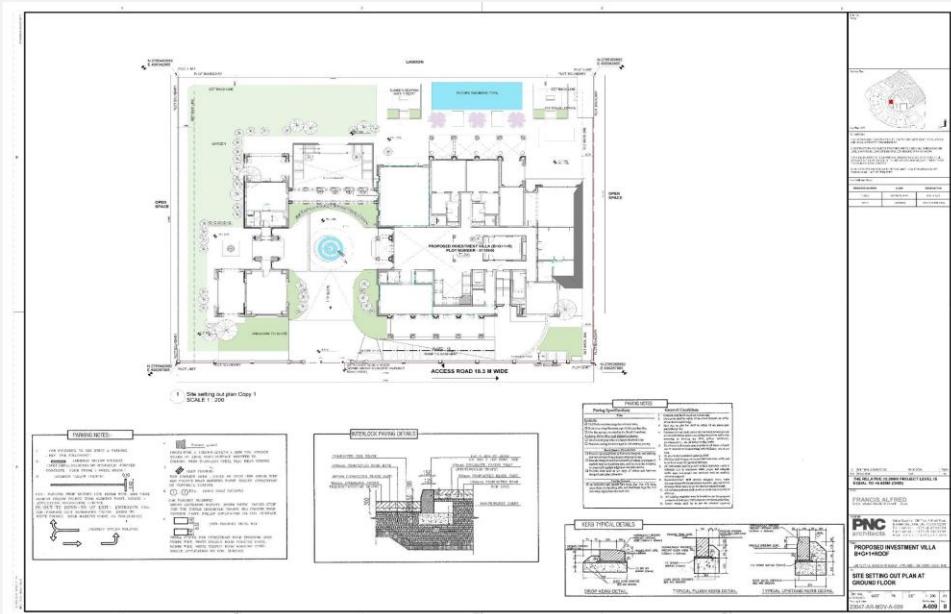
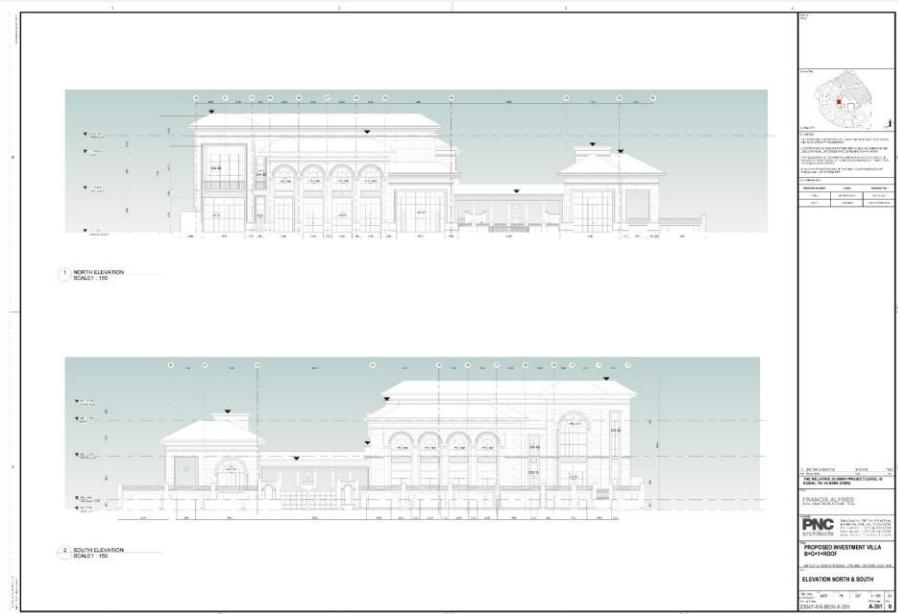
- BIM modeling for Architectural, Structural, MEP & ID Modeling.
- Family creation (parametric and custom)
- Clash detection and coordination
- Scan to BIM (Point Cloud conversion)
- Construction documentation (CDs)
- Revit template customization
- BIM implementation support











RADIANT SQUARE TOWERS

- **Location:** REEM ISLAND, ABU DHABI, UAE
- **Client:** Radiant Developments
- **Scope:** Full BIM Architectural, Structural, MEP Modeling.
- **LOD:** 400-500

SERVICES OFFERED

- BIM modeling for Architectural, Structural, MEP Modeling.
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CONSTRUCTION

EXTERIOR





Guggenheim Museum Abu Dhabi

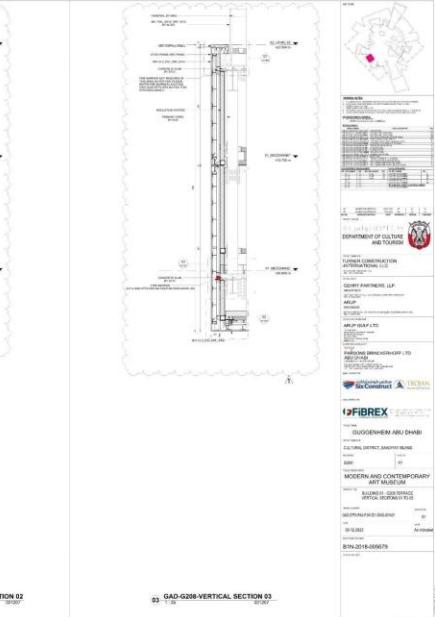
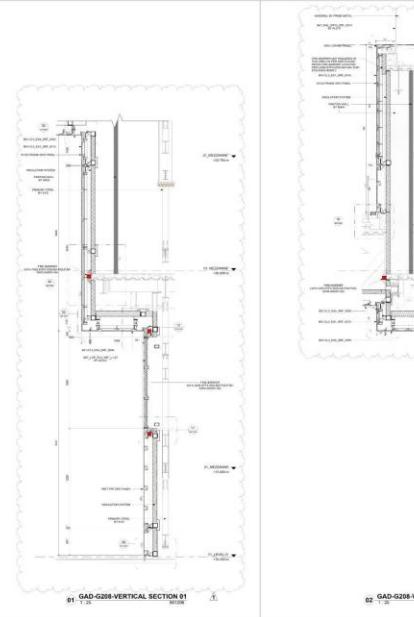
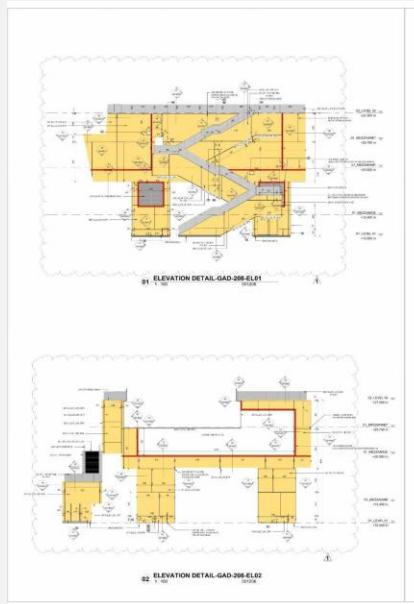
- **Location:** SAADIYAT ISLAND, ABU DHABI, UAE
- **Client:** FIBREX Construction group
- **Scope:** Full BIM Architectural Façade Modeling – Revit
- **LOD:** 400-500

SERVICES OFFERED

- BIM modeling for Architectural Facade
- Family creation (parametric and custom)
- Clash detection and coordination
- Scan to BIM (Point Cloud conversion)
- Construction documentation (CDs)
- Revit template customization
- BIM implementation support



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CENTRE OF CURIOSITY

- **Location:** SAADIYAT ISLAND, ABU DHABI, UAE
- **Client:** FIBREX Construction group
- **Scope:** Full BIM Architectural Façade Modeling – Revit
- **LOD:** 400-500

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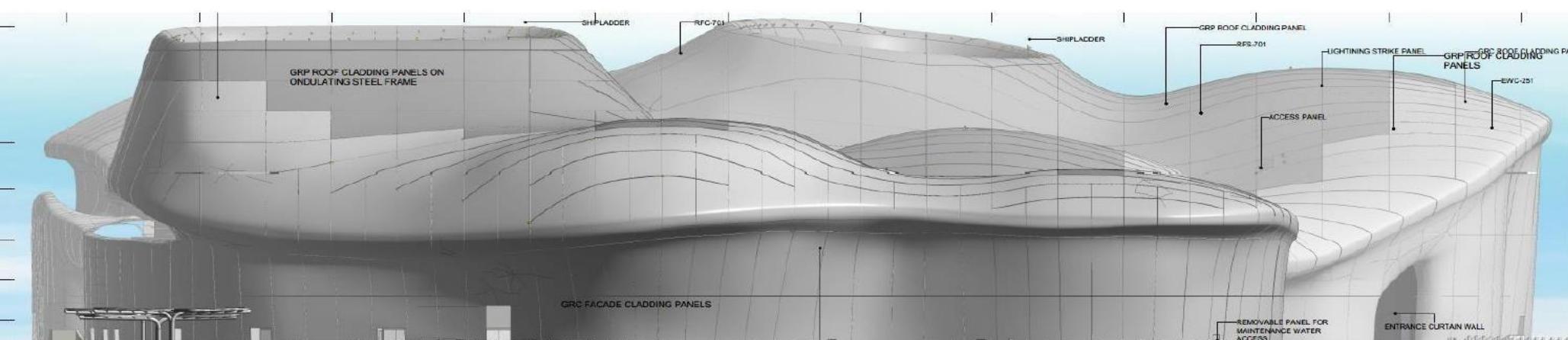
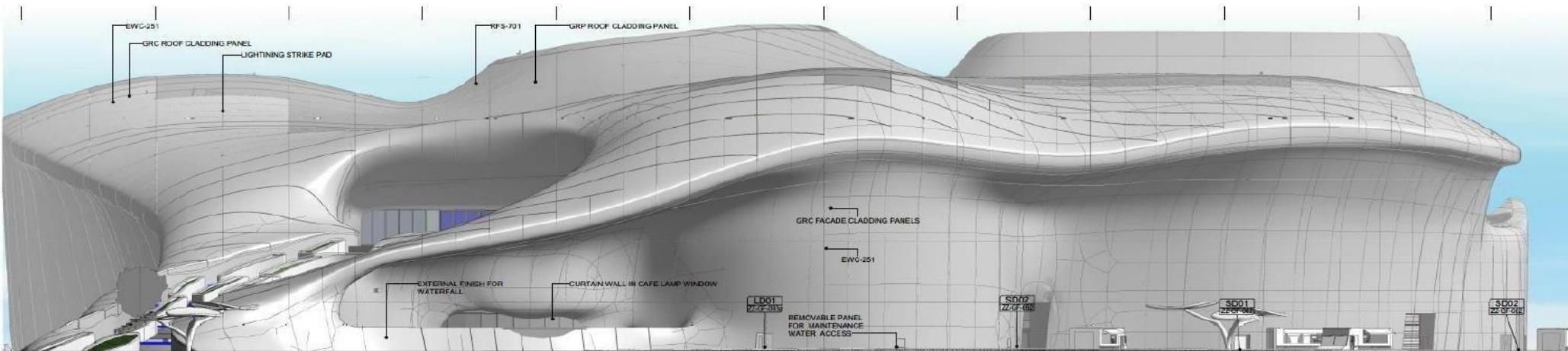
PROJECT OVERVIEW



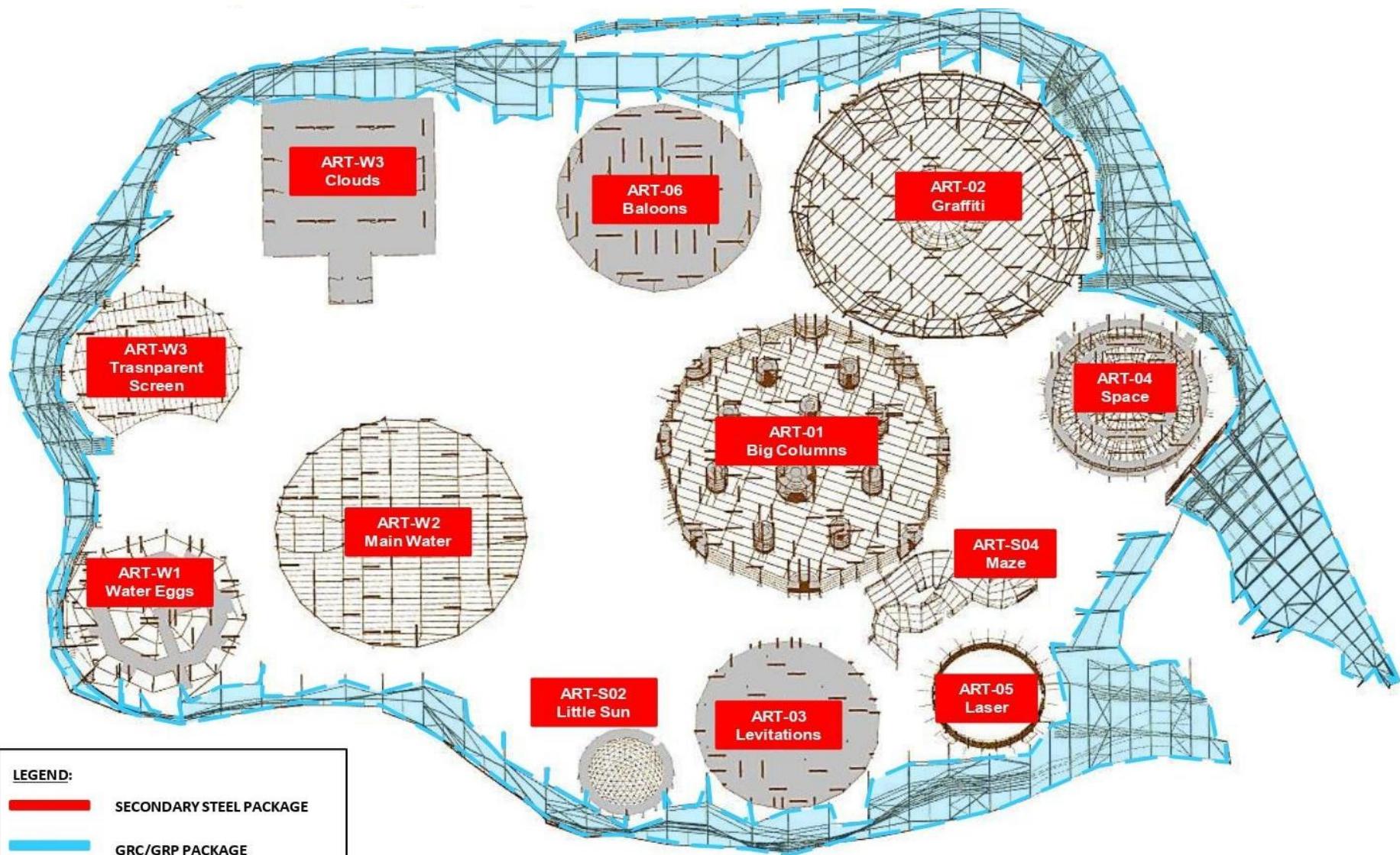
Project Site Location

SCOPE OF WORKS

Overview: GRP & GRC Works

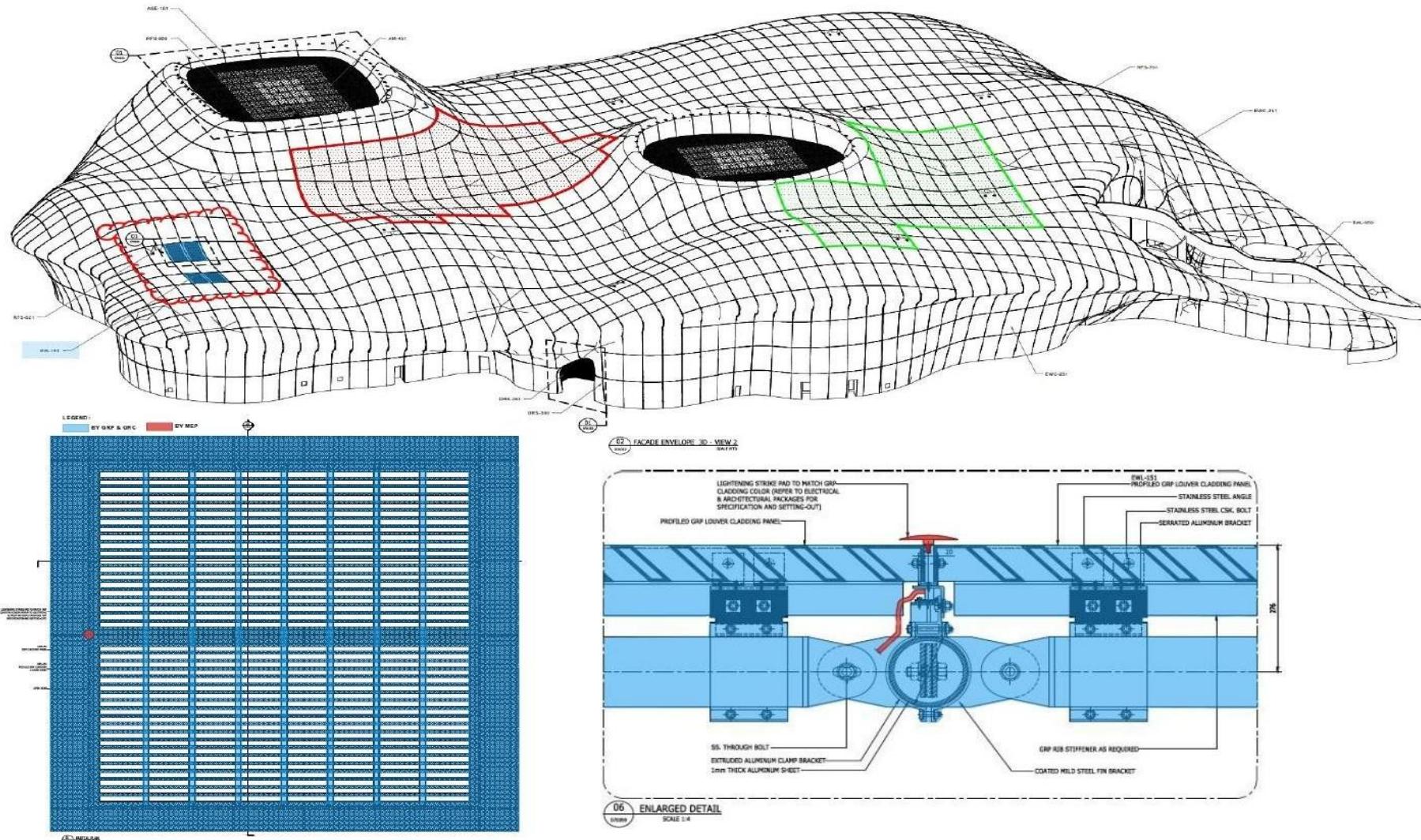


SCOPE OF WORKS



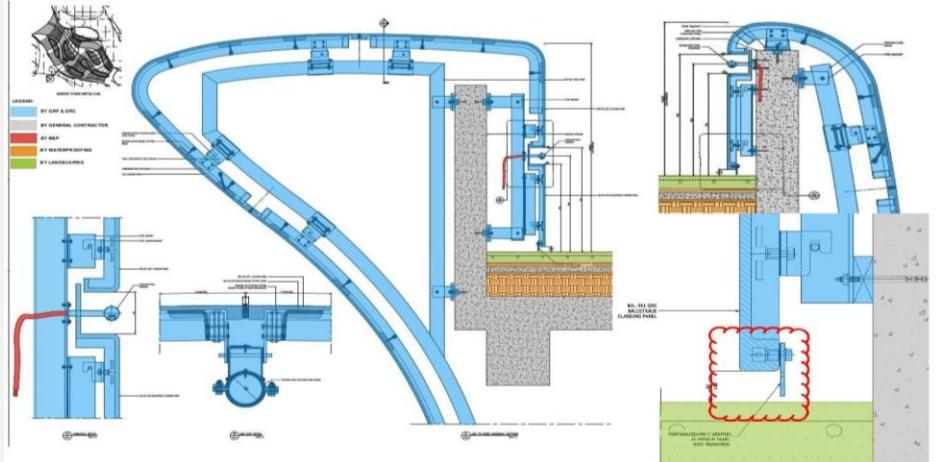
SCOPE OF WORKS

EWL-151 Profiled GRP Louver Cladding Panel

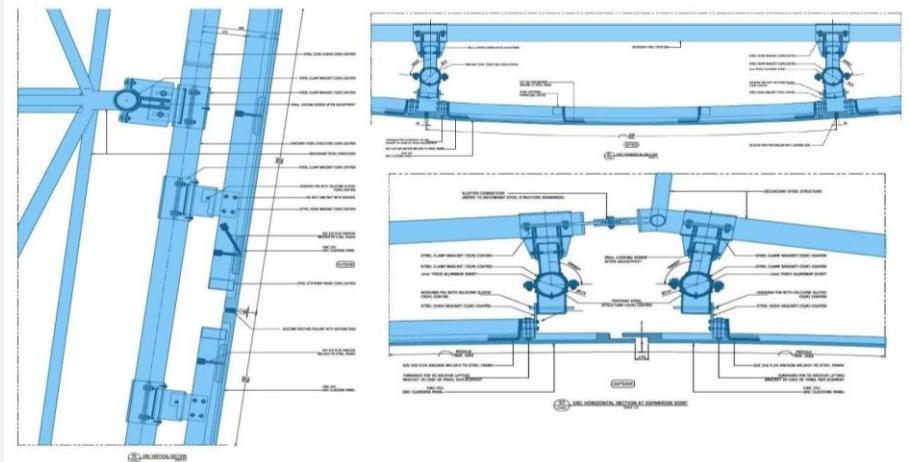


SCOPE OF WORKS

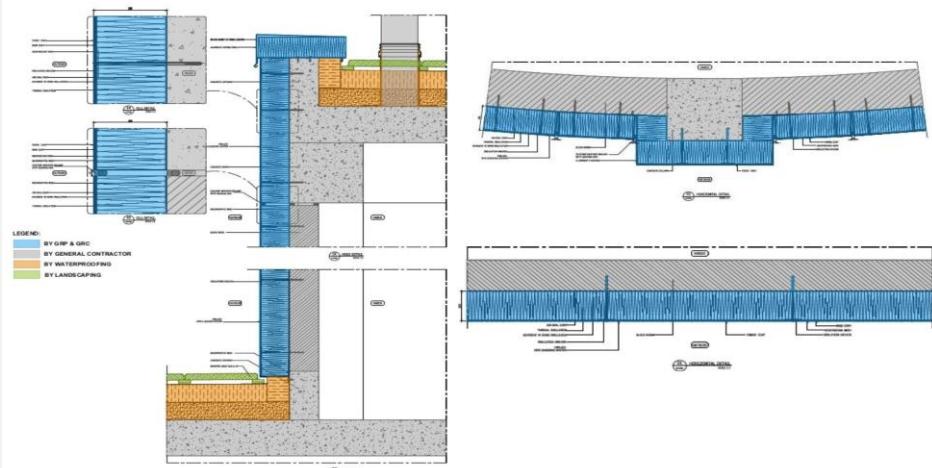
BAL-951 GRC Balustrade Cladding Panel



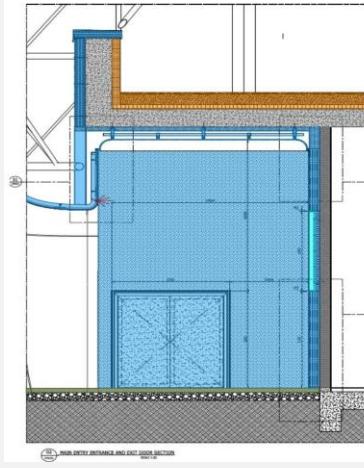
EWC-251 Glass Reinforced Concrete (GRC) Cladding System



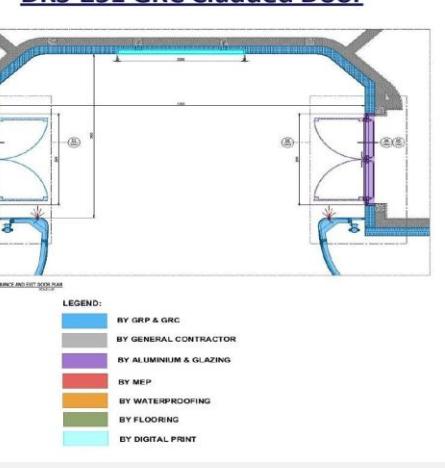
EWA-351/EWA-352 Proprietary Insulated Render System (EIFS)



Gypsum Ceiling System on Structural Concrete Slab Soffit (External)



DRS-251 GRC Cladded Door

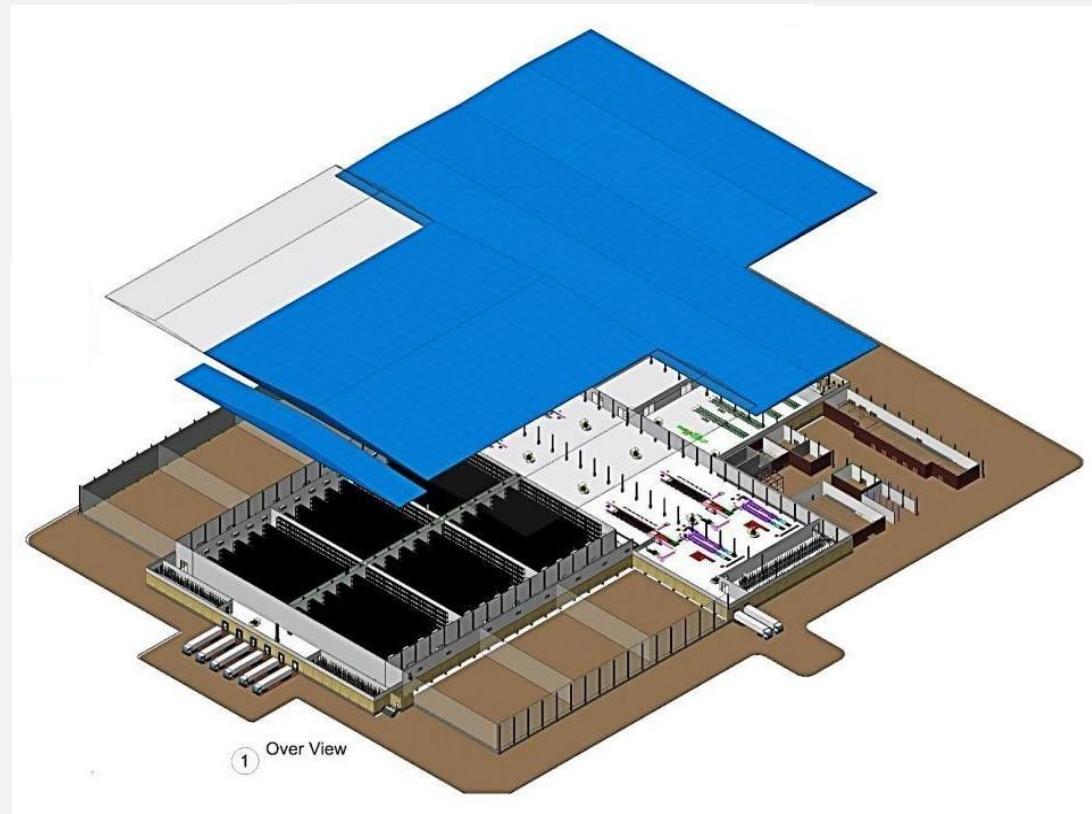


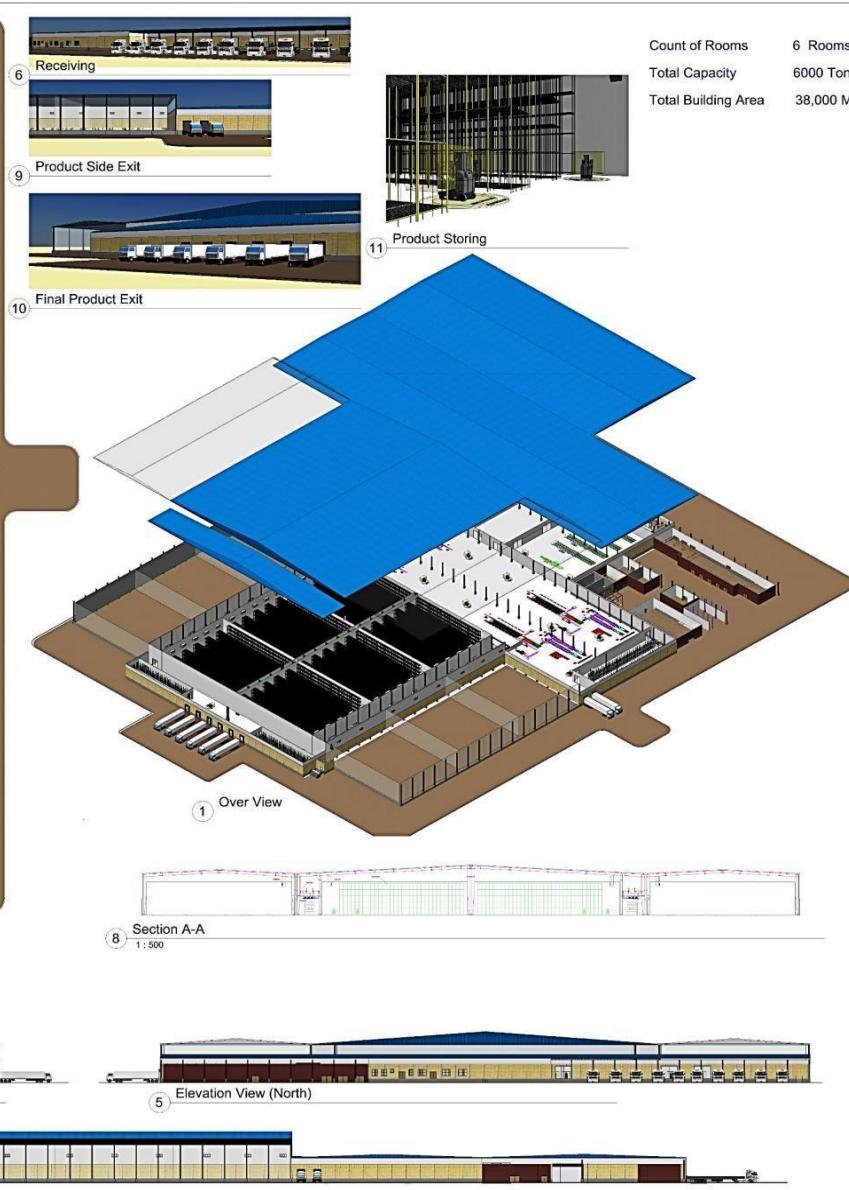
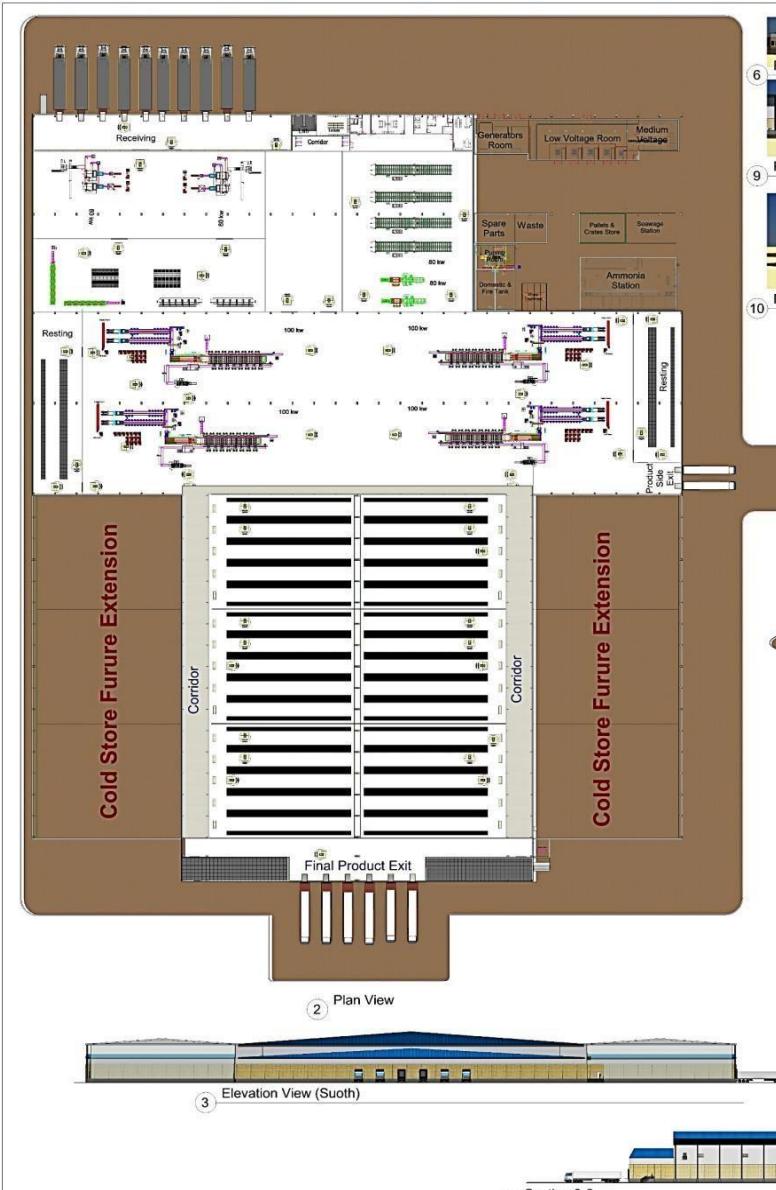
FACTORY WITH COLD STORES FOR DATES WITH CAPACITY OF 32000 TON

- **Location:** East Ewainat, New Valley, Egypt
- **Client:** RAVEDO Engineering Consultants
- **Scope:** Full BIM Architectural, Structural, MEP Modeling.
- **LOD:** 400-500

SERVICES OFFERED

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RAVEDO ENGINEERING CONSULTANTS

RAVEDO Engineering Consultants

No. Description Date

Factory and cold stores and freezing of dates with a capacity of 6000 tons with future expansion of 6000 tons

Arch. General

Project number 2

Date 29/10/2022

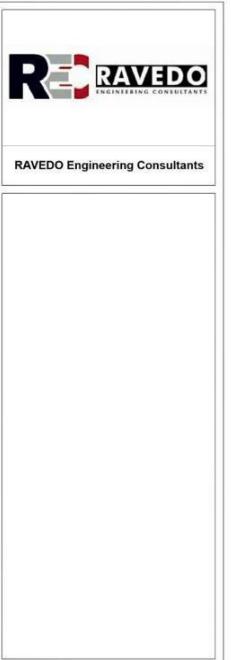
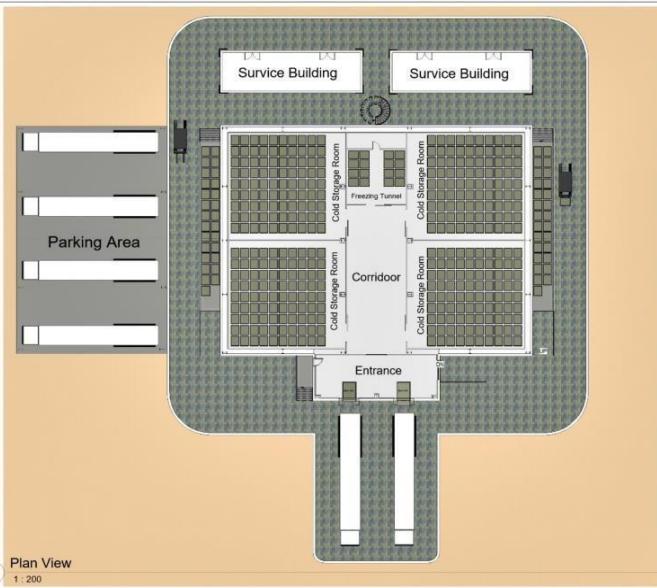
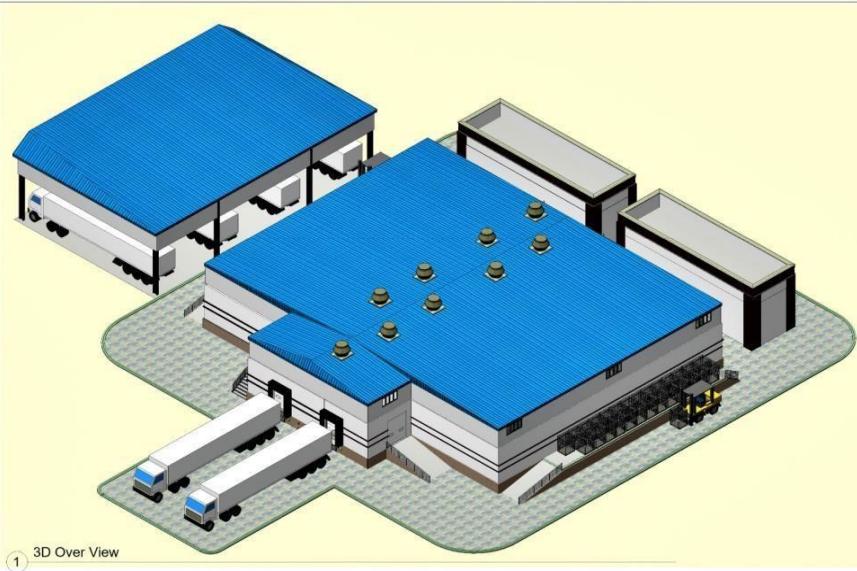
Drawn by Mahmoud ELHussainy

Checked by RAVEDO

ARCH.

Scale 1 : 500

10/2022 11:51:45 PM

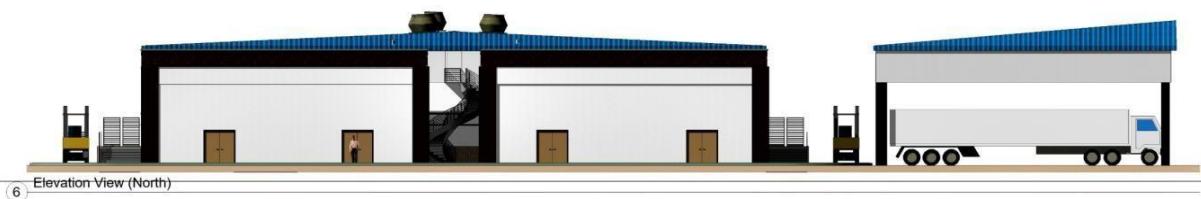
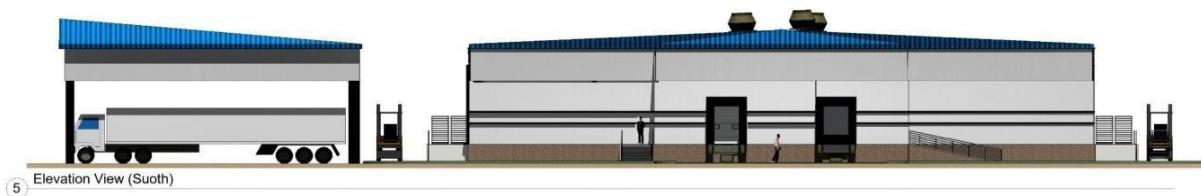
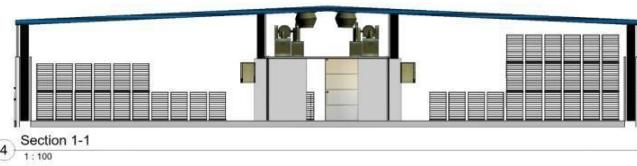
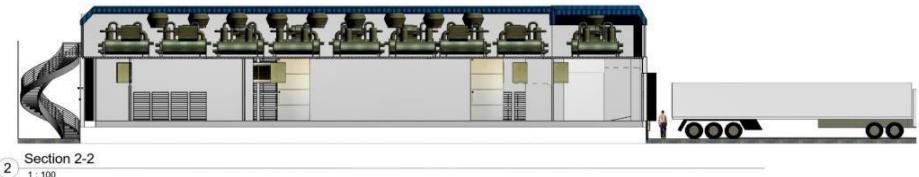


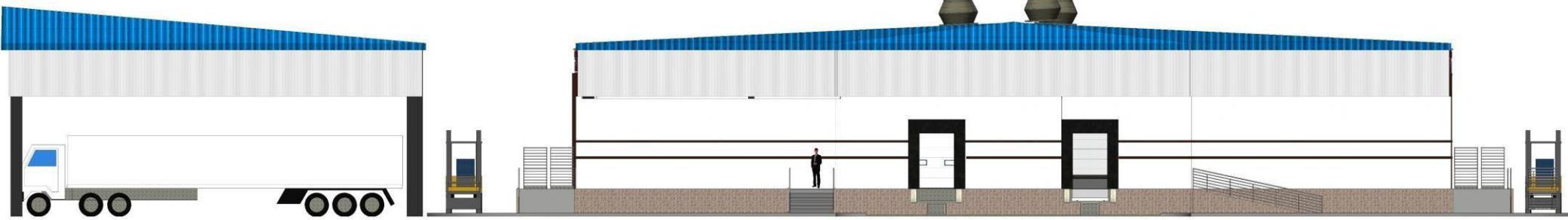
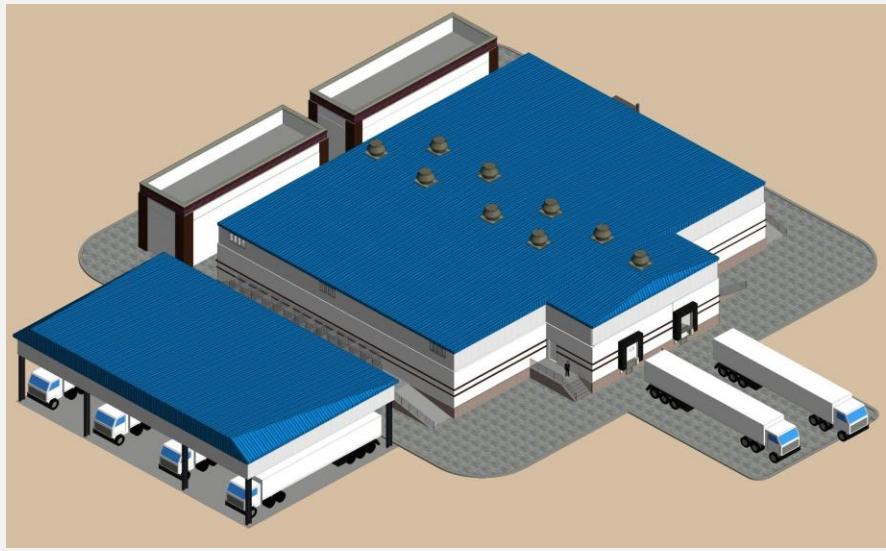
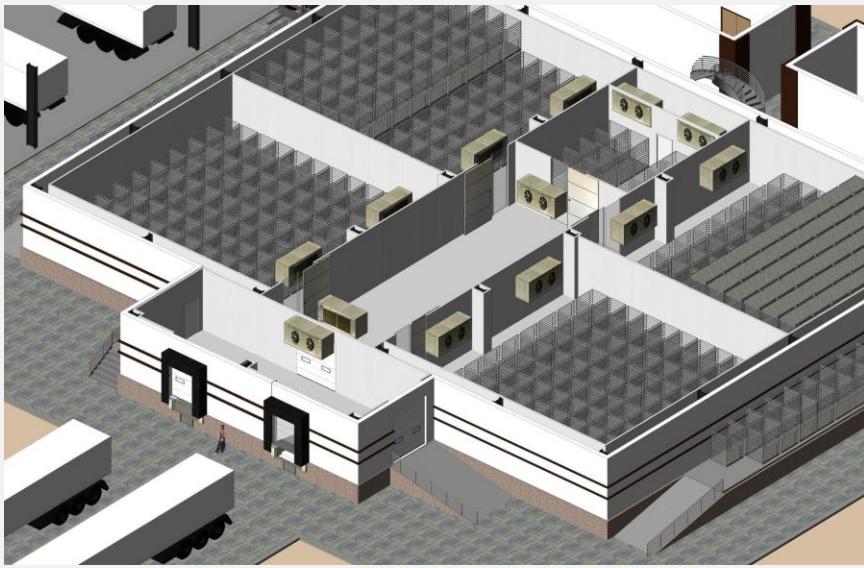
No.	Description	Date

Cold Storage
Arch. General

Project number 2
Date 29/10/2022
Drawn by Mahmoud ELHussainy
Checked by RAVEDO
ARCH.
Scale As indicated

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ON GOING PROJECTS

TRIPLE BAY MARINA VILLAGE

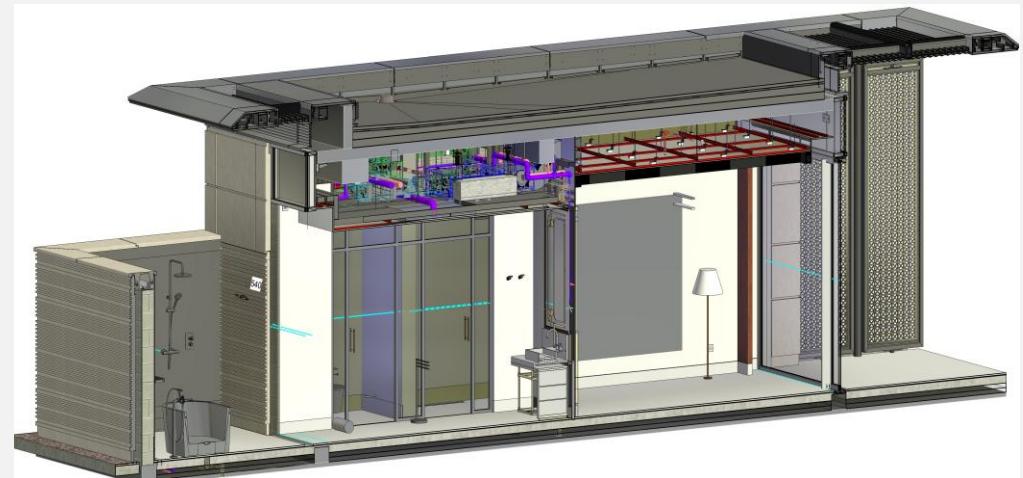
Village Boutique Hotel

- **Location:** Red Sea, KSA.
- **Client:** DOHA Extraco
- **Scope:** Full BIM External Masonry Finishes & GFRC Façade Works.
- **LOD:** 400-500

SERVICES OFFERED

- BIM modeling for Architectural Façade & ID Modeling.
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Modify | Walls

Curtain Wall EWS-457-X1-01

Properties

Walls (1) Edit Type

Phase Demolished None

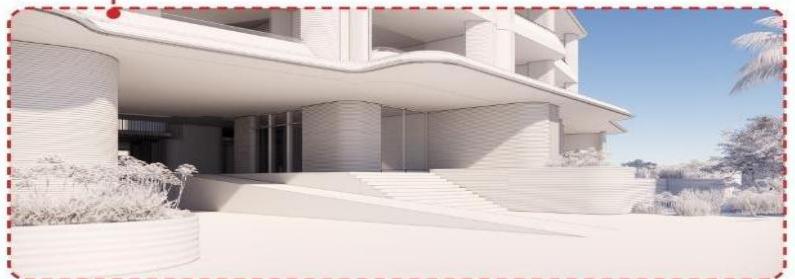
Data

Acoustic Rating	
AMA_PhaseCode	1
AMA_ProgramCode	TB
AMA_ProjectCode	01006
AMA_ContractCode	006C44
AMA_BuildingCode	X1
AMA_OriginatorCode	DOH
AMA_ModelNumber	ITB01006-006C44-DOH...
AMA_DisiplineCode	ENV
AMA_Level	GF
AMA_DataClassificati...	GFRG
AMA_DataClassificati...	N/A
AMA_Material	GFRG
AMA_BOQ_Code	N/A
AMA_FireRating	N/A
AMA_ElementID	7854051
AMA_RoomName	N/A
AMA_RoomNumber	N/A
AMA_RoomFunction	N/A
AMA_AreaName	N/A
AMA_OSM_Element	<input checked="" type="checkbox"/>
AMA_LeadElement	<input checked="" type="checkbox"/>
AMA_BIM_Tag	FAC-PAC

Properties help Apply

1 : 20

A detailed 3D view of the building's exterior wall and interior rooms. The exterior wall is a curtain wall system with a grid pattern. The interior rooms include a bathroom, a kitchen, and a living room with a lamp. A blue dashed line indicates a measurement of 2340.0 units between two points on the wall.



Amaala Marina Village

Village Boutique Hotel and Condominiums

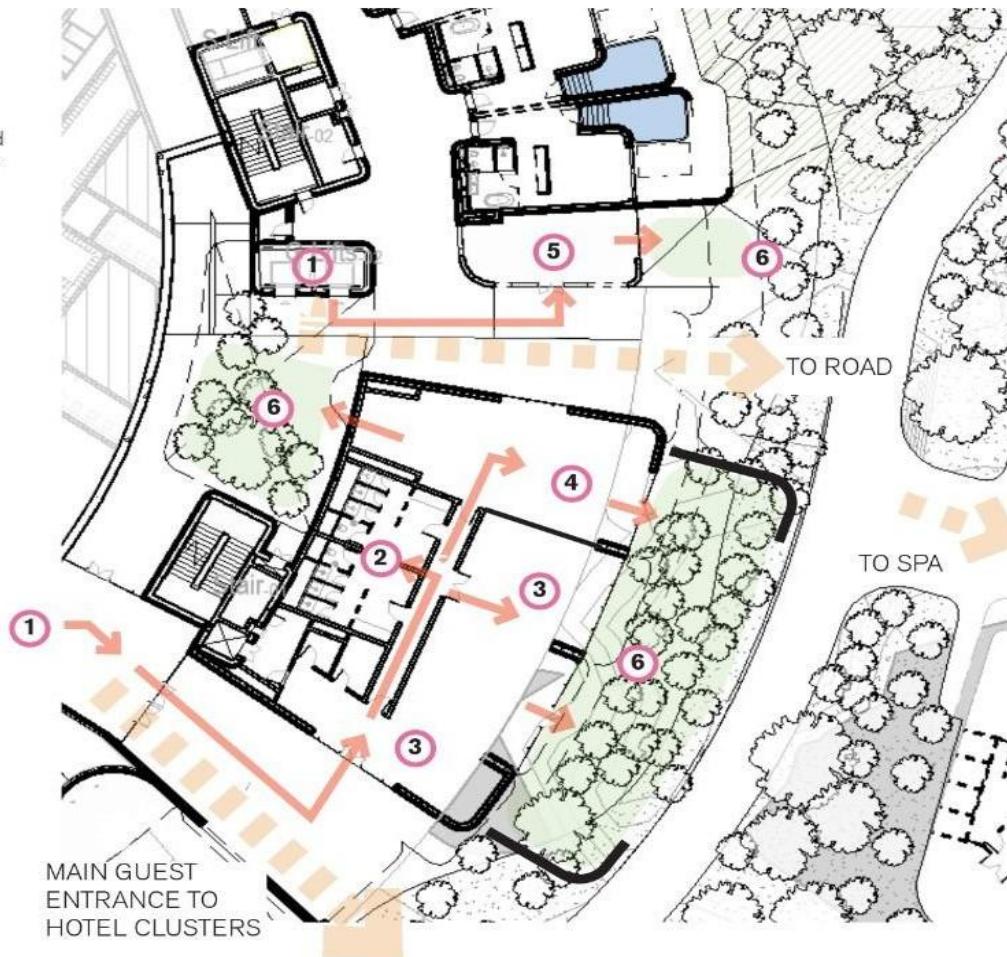
Fitness and Children Areas - Plan Layout- Experience Diagram

Guest Experience - Access

The Fitness area has been developed with no input from the Village Boutique Hotel operator.

The layout is indicative only and should be further developed by the Interior Designer.

- 1 Guest Lifts
- 2 Changing Rooms
- 3 Gym Floor
- 4 Yoga Room
- 5 Children Area
- 6 Outdoor Space



TRIPLE BAY MARINA VILLAGE

Marina Lifestyle Hotel

- **Location:** Red Sea, KSA.
- **Client:** DOHA Extraco
- **Scope:** Full BIM External Masonry Finishes & GFRC Façade Works.
- **LOD:** 400-500

SERVICES OFFERED

- BIM modeling for Architectural Façade & ID Modeling.
- Family creation (parametric and custom)
- Clash detection and coordination
- Scan to BIM (Point Cloud conversion)
- Construction documentation (CDs)
- Revit template customization
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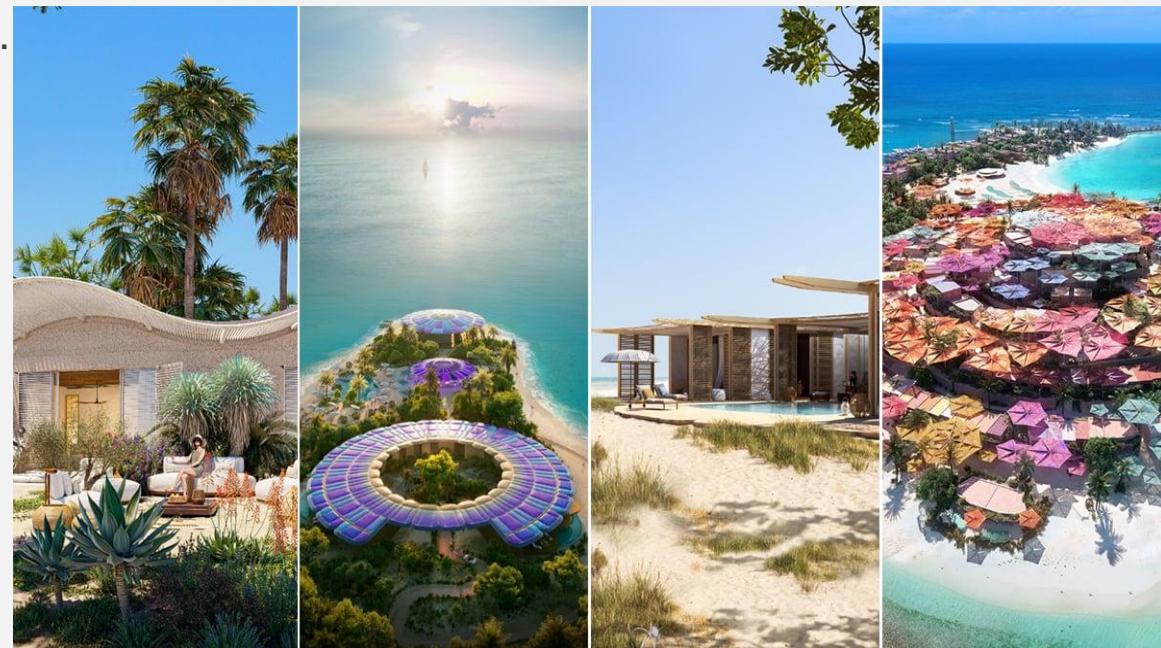


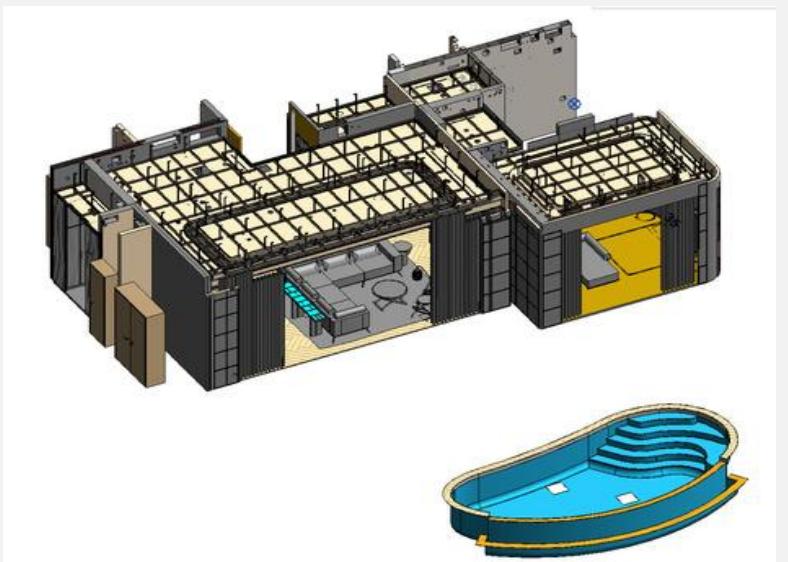
SHURAH ISLAND EAST HOTELS. Residential Villas Compound

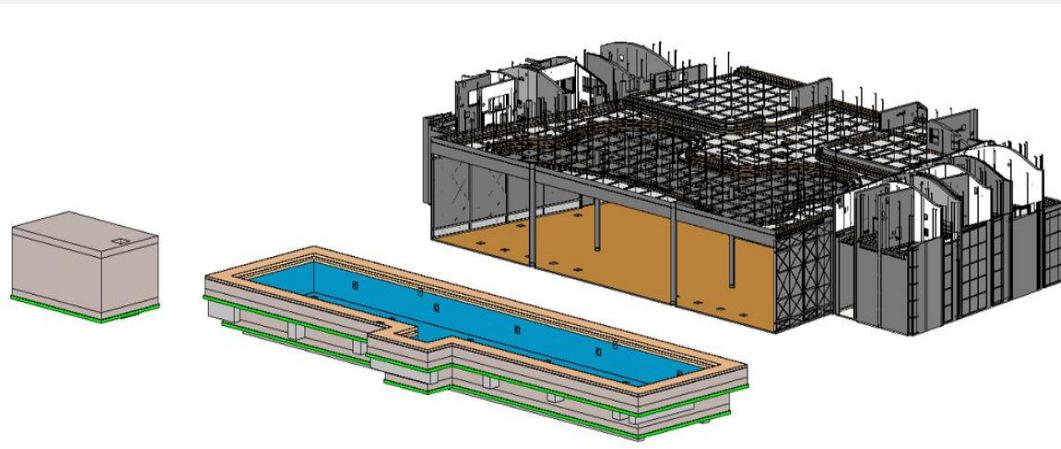
- **Location:** Red Sea, KSA.
- **Client:** DEPA Interiors
- **Scope:** Full BIM Architectural interior Modeling – Revit
- **LOD:** 400-500

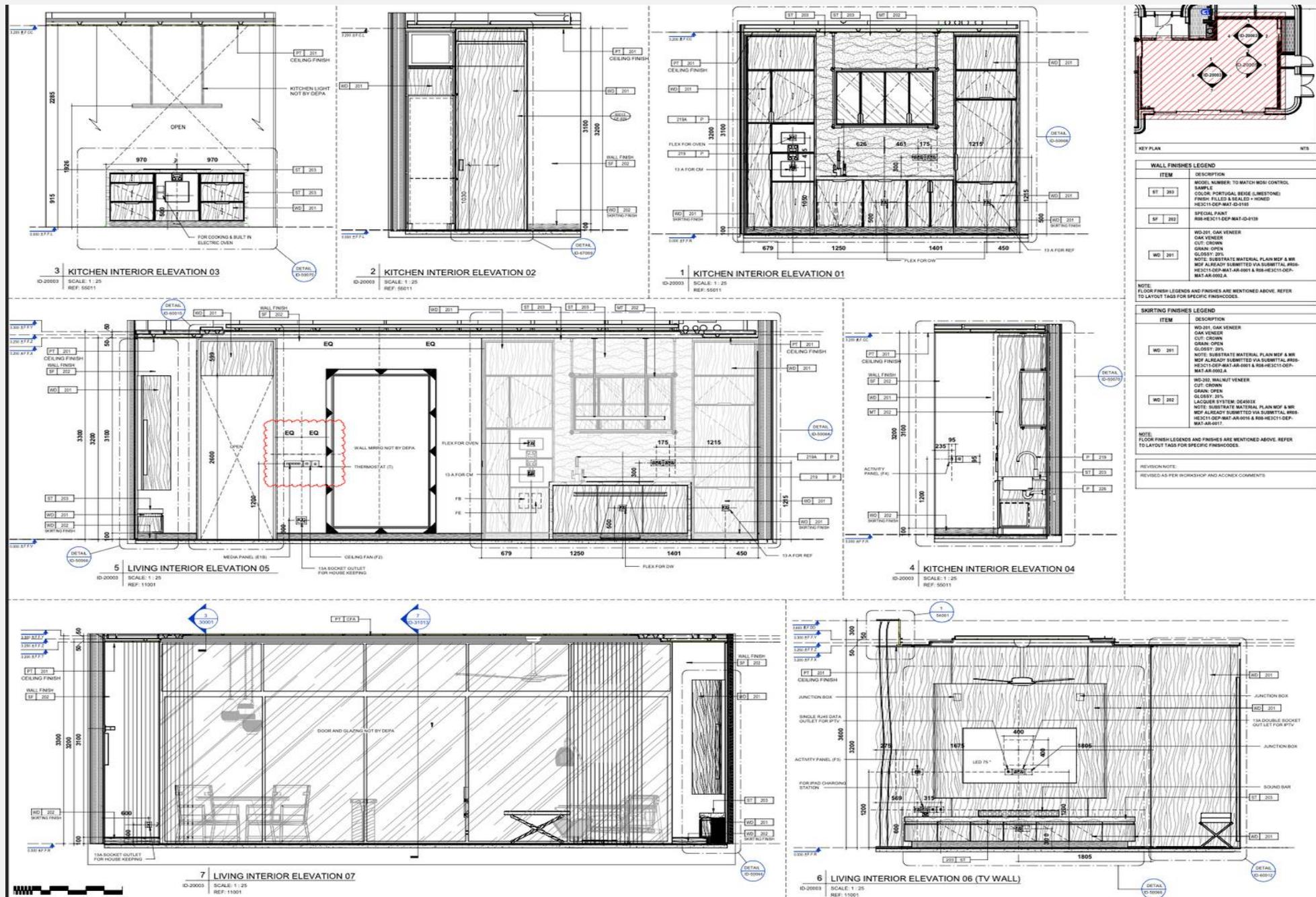
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EXIT 10 Development

- **Location:** Reyadah, KSA.
- **Client:** Saudi Entertainment Venture
- **Scope:** Full BIM External Masonry Finishes & GFRG Façade Works.
- **LOD:** 400-500

SERVICES OFFERED

- BIM modeling for Architectural Façade Modeling.
- Family creation (parametric and custom)
- Clash detection and coordination
- Scan to BIM (Point Cloud conversion)
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- BIM implementation support



KING SALMAN PARK

- **Location:** Riyadh, KSA.
- **Client:** Saudi Entertainment Venture
- **Scope:** Full BIM UHPC Panel with GRP Base Formwork
- **LOD:** 400-500

SERVICES OFFERED

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- Family creation (parametric and custom)
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GET IN TOUCH

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 cs@mirrorengineering.com

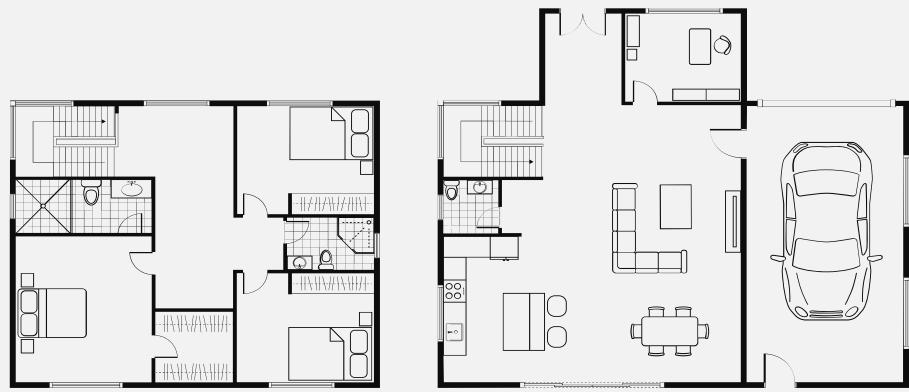
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Cairo, Egypt

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 cs@mirrorengineering.com

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THANK YOU