

CONSTRUCTION & ARCHITECTURE

PORTFOLIO

Mahmoud Bakr

2020

2025

CONTENT

- **Resume**
- **Technical Office**
- **Execution**
- **Interior Design**
- **Contact**



Resume

Mahmoud Bakr

Riyadh, Saudi Arabia

Email: mbakr1235@gmail.com Phone: (+966) 540427276 LinkedIn: [Mahmoud Bakr](#)

Nationality: Egyptian

ABOUT ME

Results-driven Architect and Technical Engineer with 5+ years of experience managing complex projects across Egypt and Saudi Arabia. Proven expertise in project execution, construction supervision, and BIM coordination for residential, administrative, and high-rise developments. Currently pursuing PMP certification to enhance project delivery excellence.

PROFESSIONAL EXPERIENCE

Architect | Technical Dimensions Contractors (TDCO)

Riyadh, Saudi Arabia | February 2023 – Present

- Project Leadership:** Successfully oversaw complete architectural work execution for high-rise administrative tower project (Client: OSUS, Consultant: Rafik El Khoury), managed timeline, budget, and quality deliverables.
- Quality Assurance:** Ensured strict compliance with design specifications and maintained exceptional quality standards throughout all project phases, resulting in zero major rework incidents.
- BIM Process Supervision:** Supervised and coordinated Building Information Modeling (BIM) processes with specialized expertise in the field, reduced design conflicts by 30% and optimized workflow efficiency.
- Technical Documentation:** Extracted detailed shop drawings and Bills of Materials (BOMs) to streamline project execution and improved cost accuracy by 15%.
- Design Innovation:** Created schematic layouts for residential and administrative buildings, seamlessly integrated functionality with regulatory compliance requirements.

BIM Architect | DBG Egypt

Cairo, Egypt | December 2022 – February 2023

- Advanced Modeling:** Developed comprehensive LOD 500 BIM models for complex building components, ensuring construction-ready documentation.
- Specialized Detailing:** Extracted high-precision shop drawings for Curtain Walls, Windows, and Soffits, supporting seamless construction workflows.

- Process Optimization:** Enhanced BIM workflows and protocols, improving project delivery efficiency by 25%.

Technical Office Engineer | Engineering Authority of the Armed Forces

Cairo, Egypt | November 2021 – December 2022 (Military Service)

- Military Standards:** Executed technical engineering projects with military precision, maintaining 100% compliance with stringent governmental standards and protocols.

EDUCATION

Bachelor of Science in Architectural Engineering | Mansoura University

August 2016 – August 2021

Graduation Project: Delta Convention Center

Academic Achievement: 3rd Place, 88% Score

Specialization Focus: Sustainable architecture and advanced parametric design

Distinguished Recognition: 1st Prize - "Best Architectural Design" Faculty Competition (August 2021)

PROFESSIONAL CERTIFICATIONS & DEVELOPMENT

Current Certification in Progress

- Project Management Professional (PMP) - In Progress**
Currently enrolled in comprehensive PMP training course and preparing for certification examination.

Specialized Training Programs

- KAITECH BIM Program** (August-October 2020): BIM Fundamentals, Cloud Integration, Visual Programming, Add-In Development
- Design Studio School** (July-October 2020): Conceptual Design, BIM, Computational Design
- BIM Technicality Certification** - Green STC (July-September 2021)

Professional Workshops

- Green Hospitals Workshop** - Mansoura University/HBRC (February 2021)
- Delta City Planning Workshop** - TU Berlin (November-December 2020)

RESEARCH & INNOVATION

3D Smart Campus Project | ESU 95% Lab & Mansoura University

January 2021 – April 2021

Research Focus: "GIS-Based Smart Campus for Buildings Assessment, Mobility, and Urban Infrastructure"

- Integrated advanced GIS analysis with BIM modeling for comprehensive campus infrastructure assessment.
- Developed innovative approaches for smart campus technology implementation and digital twin development.

CORE COMPETENCIES

Technical Expertise

- Project Management & Site Supervision
- Stakeholder Management & Client Relations
- Budget Management & Cost Control
- Schedule Management & Timeline Optimization Resource
- Planning & Allocation
- Team Leadership & Cross-functional Coordination
- Architectural Design & Construction Coordination
- Technical Drawing & Shop Drawing Development BOQ
- Extraction & Project Documentation
- (Building Information Modeling (BIM) expertise Computational Design & Visual Programming
- Quality Control & Compliance Management
- Change Management & Scope Control

Software Proficiency

BIM/CAD: Autodesk Revit, AutoCAD, 3ds Max

Visualization: Lumion, CORONA Renderer, Adobe Creative Suite

Analysis: ESRI ArcGIS Desktop, DesignBuilder

Programming: Visual Programming, Add-In Development

Project Management: MS Project, Primavera P6 (Basic), Agile Methodologies

LANGUAGES

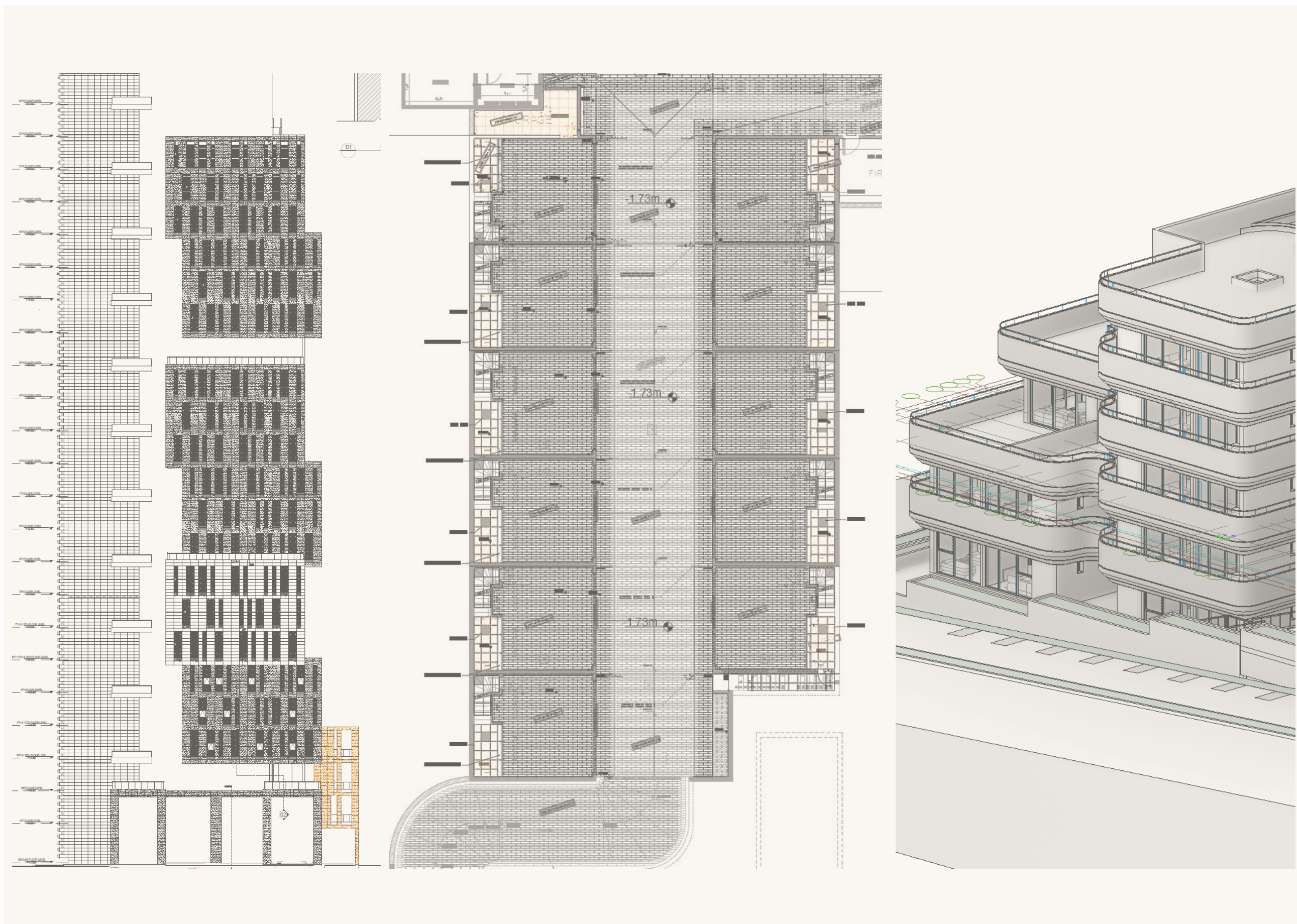
- Arabic:** Native Proficiency
- English:** Advanced Level (C2 Reading/Listening, B2 Speaking/Writing)

ACHIEVEMENTS & RECOGNITION

- (1st Prize Winner** - Best Architectural Design Competition, Faculty of Engineering (2021)

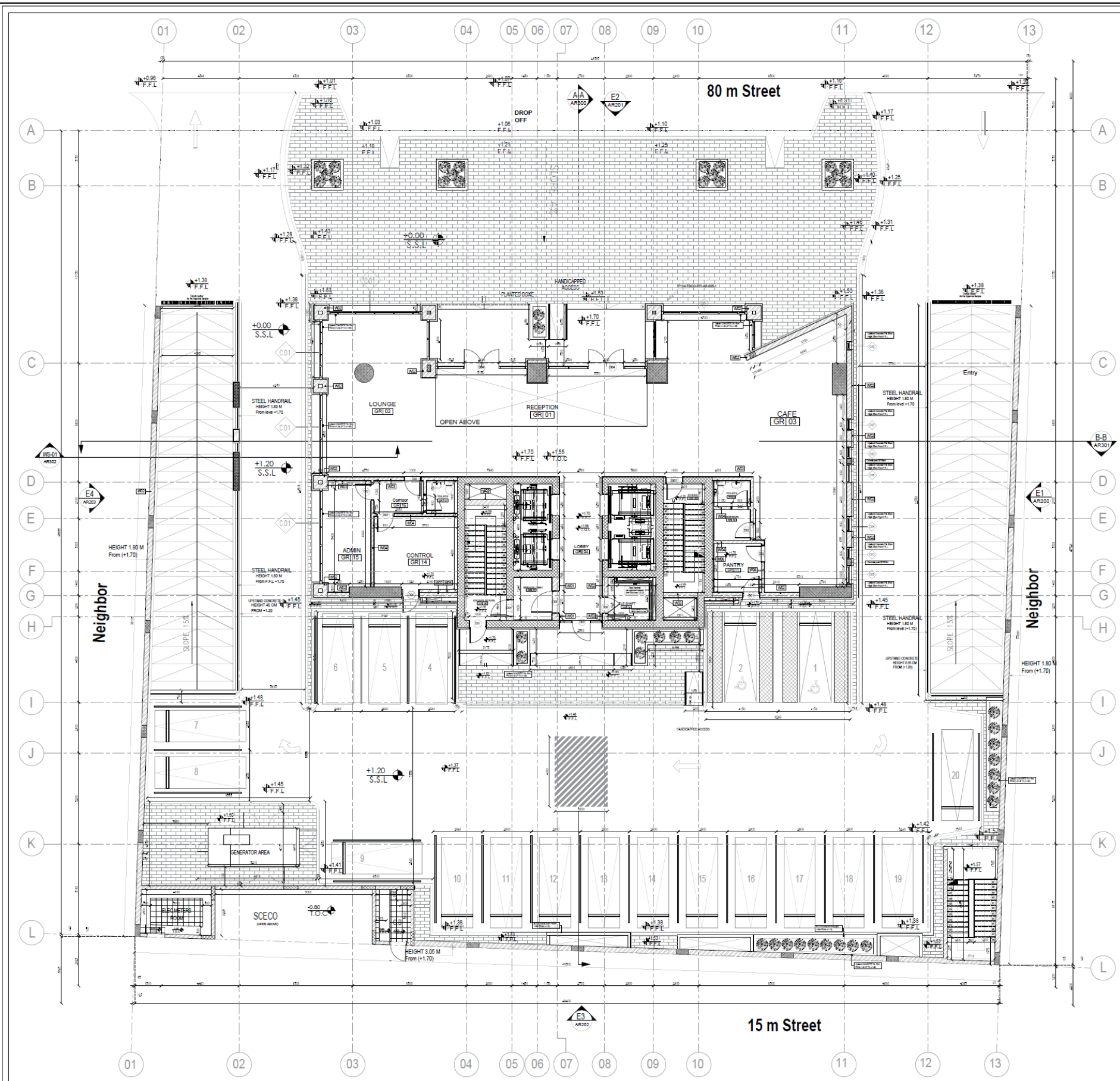
Technical Office

- Turning Drawings into Reality with Excellence



Shop Drawings (General Plans)

P134 Tower



Key Plan

Type	Description
[Symbol]	Concrete Paving 20x10x5cm
[Symbol]	Marking for Entrance Building
[Symbol]	Marking for Parking WIDTH 10CM
[Symbol]	WHEEL STOPPER AS Per Approval Sample
[Symbol]	Concrete Curb 15x15x50 CM

Wall Type

Type	Description
[Symbol]	W01- Concrete Masonry Unit wall (Unit: 400x200; 400mm thick)
[Symbol]	W02- Concrete Masonry Unit wall (Unit: 400x200; 300mm thick)
[Symbol]	W03- Concrete Masonry Unit wall (Unit: 400x200; 250mm thick)
[Symbol]	W04- Concrete Masonry Unit wall (Unit: 400x200; 200mm thick)
[Symbol]	W05- Concrete Masonry Unit wall (Unit: 400x200; 150mm thick)
[Symbol]	W06- Concrete Masonry Unit wall (Unit: 400x200; 100mm thick)

GROUND FLOOR PLAN

ROOM Name	ROOM NO.	Floor Finish	Base Finish	Wall Finish	Ceiling Finish
RECEPTION	01	F3	B2	W1	C2
LOUNGE	02	F3	B2	W1	C2
CAFE	03	F3	B2	W1	C2
LOBBY	04	F1	-	W2	C1
STAIRS	05	F2	B1	W1	C4
ESCAPE STAIRS	06	F2	B1	W1	C4
SERVICE LOBBY	07	F1	B1	W1	C1
ELE SHAFT	08	F4	B2	W1	C4
WASHBASIN	09	F4	B2	W1	C3
TOILETS	10	F4	B2	W1/W3	C3
PANTRY	11	F4	B2	W1	C3
LOBBY	12	F3	B2	W1	C2
TOILETS	13	F4	B2	W1/W3	C3
CONTROL	14	F3	B2	W1	C2
ADMIN	15	F3	B2	W1	C2
CORRIDOR	16	F3	B2	W1	C2

FLOOR FINISHES

CODE	DESCRIPTION
F1	MARBLE DECORTION TILES 2400x600 MM.
F2	MARBLE TREADS & RIGERS.
F3	NON-SLIP PORCELAIN TILES 600x600 MM
F4	NON-SLIP PORCELAIN TILES 400x400 MM
F5	TERRAZZO TILES 300x300 MM
F6	EPOXY PAINT ON CONCRETE SLAB

BASE FINISHES

CODE	DESCRIPTION
B1	100MM HEIGHT, MARBLE SKIRTING TILES.
B2	100MM HEIGHT, PORCELAIN SKIRTING TILES.
B3	100MM HEIGHT, TERRAZO SKIRTING TILES.

WALL FINISHES

CODE	DESCRIPTION
W1	PAINT ON CEMENT PLASTER (IPS-2)
W2	2400X600, POLISHED MARBLE TILES.
W3	400X400MM, GLAZED PORCELAIN TILES.

CEILING FINISHES

CODE	DESCRIPTION
C1	MULTI LEVEL GYPSUM BOARD
C2	ONE LEVEL GYPSUM BOARD
C3	ONE LEVEL (PVC) CEILING TILES ON METAL SUSPENSION SYSTEM
C4	PAINT ON CEMENT PLASTER (IPS-2)

Door Schedule CALCULATE

Type Mark	Width	Height	Count	DOOR MATERIAL
D01	900	2250	3	METAL HINGED SINGLE DOOR 900x2250mm (FD 90)
D01	900	2250	3	METAL HINGED SINGLE DOOR 900x2250mm
D02	900	2250	1	WOOD HINGED SINGLE DOOR 900x2250mm (FD 45)
D03	900	2250	6	WOOD HINGED SINGLE DOOR 900x2250mm
D03	1000	2250	2	ALUMINUM DOOR SINGLE DOOR 1000x2250mm (FD 45)
D04	v-varies	v-varies	2	Door-Curtain-Walk-Double-Storefront
D06	800	2130	1	METAL SINGLE DOOR (FD 45)
D08	1200	2130	1	METAL HINGED SINGLE DOOR 1200x2130mm (FD 45)

CURTAIN WALL TYPES

Code	Width	Height	Description
C02	400	3250	Curtain-Wall-Glass As Per Deg
C03	600	3250	Curtain-Wall-Glass As Per Deg
C04	800	3250	Curtain-Wall-Glass As Per Deg
C05	1000	3250	Curtain-Wall-Glass As Per Deg

NOTES:

Key Plan: [Small site plan diagram]

References:

SR	DRAWING TITLE	DESCRIPTION	DISCIPLINE
1	P134_STR_REV08	IFC	STR
2	AR102-GROUND FLOOR PLAN	IFC	ARC
3	PL-CR-09	IFC	MECH
4	#134_TERRAZZO_PL_AR102	RFI	ARC
4	#134_TERRAZZO_PL_AR103	RFI	ARC
4	#134_TERRAZZO_PL_AR104	RFI	ARC

Drawings:

SR	DRAWING NAME	REV.	CODE
1	P134-SD-AR-A105	01	

COORDINATION

PREPARED BY: TECHNICAL DEPARTMENT

CHECKED BY	DATE	STATUS	REVISION	COORDINATION

Site Key Plan: [North arrow]

Project: ADMINISTRATIVE TOWER P-134 RIYADH- KING SALMAN ROAD-AL-YASMEEN

Owner: OSUS REAL ESTATE COMPANY [Logo]

P.M.O.: EL-MAJID CONSTRUCTION [Logo]

Consultant: Rafik El-Khoury & Partners Consulting Engineers SAL [Logo]

General Contractor: TECHNICAL DIMENSIONS COMPANY [Logo]

Drawing Title: GENERAL PLAN GROUND FLOOR

DESIGNED BY	ENR MAHMOUD BAKR	SCALE:	1:100
DRAWN BY	ENR AHMED ABMAL	DATE:	18-01-2025
DRAWING NUMBER:	P134-SD-AR-A105	REV:	01
LOCATION:	PROJECT:	NO. OF SHEETS:	TOTAL SHEETS:
RIYADH	P134	SD	GENERAL
ARC			01



• General Plans



80 m Street

15 m Street

Wall Type

Type	Description
W01	Concrete Masonry Unit wall (Unit: 400x200; 400mm thick)
W02	Concrete Masonry Unit wall (Unit: 400x200; 300mm thick)
W03	Concrete Masonry Unit wall (Unit: 400x200; 250mm thick)
W04	Concrete Masonry Unit wall (Unit: 400x200; 200mm thick)
W05	Concrete Masonry Unit wall (Unit: 400x200; 150mm thick)
W06	Concrete Masonry Unit wall (Unit: 400x200; 100mm thick)

NINETEENTH FLOOR PLAN

ROOM Name	ROOM NO.	Floor Finish	Base Finish	Wall Finish	Ceiling Finish
LOBBY	01	F1	-	W2	C1
STAIRS	02	F2	B1	W1	C4
ESCAPE STAIRS	03	F2	B1	W1	C4
SERVICE LOBBY	04	F1	B1	W1	C1
ELEC SHAFT	05	F4	B2	W1	C4
OFFICE 33	06	F3	B2	W1	C2
OFFICE 34	07	F3	B2	W1	C2
LADIES TOILETS	08	F4	B2	W1/W3	C3
GENTS TOILETS	09	F4	B2	W1/W3	C3
OFFICES LOBBY	10	F3	B2	W1	C2
HVAC SERVICE TERRACE	11	F3	B2	W1	C4
ROOF GARDEN	12	F3	B2	W1	-

FLOOR FINISHES

CODE	DESCRIPTION
F1	MARBLE DECORATION TILES 2400*600 MM.
F2	MARBLE TREADS & RISERS.
F3	NON-SLIP PORCELAIN TILES 600x600 MM
F4	NON-SLIP PORCELAIN TILES 400x400 MM
F5	TERRAZZO TILES 300x300 MM
F6	EPOXY PAINT ON CONCRETE SLAB

BASE FINISHES

CODE	DESCRIPTION
B1	100MM HEIGHT, MARBLE SKIRTING TILES.
B2	100MM HEIGHT, PORCELAIN SKIRTING TILES.
B3	100MM HEIGHT, TERRAZZO SKIRTING TILES.

WALL FINISHES

CODE	DESCRIPTION
W1	PAINT ON CEMENT PLASTER (PS-2)
W2	2400X600, POLISHED MARBLE TILES.
W3	400X400MM, GLAZED PORCELAIN TILES.

CEILING FINISHES

CODE	DESCRIPTION
C1	MULTI LEVEL GYPSUM BOARD
C2	ONE LEVEL GYPSUM BOARD
C3	ONE LEVEL (PVC) CEILING TILES ON METAL SUSPENSION SYSTEM
C4	PAINT ON CEMENT PLASTER (PS-2)

Door Schedule

Type Mark	Width	Height	Count	DOOR MATERIAL
D01*	900	2250	2	METAL_HINGED_SINGLE_DOOR_900x2250mm, (FD.40)
D02	900	2250	4	WOOD_HINGED_SINGLE_DOOR_900x2250mm
D04	2000	2250	2	Door-Curtain-Wall-Double-Storefront
D04*	2000	2250	1	Door-Curtain-Wall-Double-Storefront, (FD.45)
D05	900	2250	3	Door-Curtain-Wall-Single-Glass FOR TERRACE
D06	800	2130	1	METAL SINGLE DOOR, (FD.45)
D07	1000	2130	1	METAL SINGLE DOORS 1000*2130MM, (FD.45)
D08	1200	2130	1	METAL_HINGED_SINGLE_DOOR_1200x2130mm, (FD.45)

CURTAIN WALL

Type Mark	Width	Height	Count	DESCRIPTION
C01	AS PER DETAILS		3	CUTAIN WALLS PER SPECS. AND DRAWINGS WITHOUT WINDOW
C02	AS PER DRAWINGS	3250	14	CUTAIN WALLS PER SPECS. AND DRAWINGS WITHOUT WINDOW
C03	AS PER DRAWINGS	3250	9	CUTAIN WALLS AS PER SPECS. AND DRAWINGS WITH WINDOW

NOTES:

Key Plan:

References

SR	DRAWING TITLE	DESCRIPTION	DISCIPLINE
1	P134-SD-11-SLABS&R&M	IFC	STR
2	AR12-19TH FLOOR PLAN	IFC	ARC
3	23109-PL-OR-27	IFC	MEDH

Drawings

SR	DRAWING NAME	REV.	CODE
1	P134-SD-AR-124	D	

COORDINATION

PREPARED BY: TECHNICAL DEPARTMENT

DESIGNED BY	ARCH	STRUC	ELEC	MEDH	COORDINATOR

Site Key Plan:

Project:
ADMINISTRATIVE TOWER P-134
RIYADH- KING SALMAN ROAD-AL-YASMEEN

Owner:
OSSUS REAL ESTATE COMPANY

P.M.O.:
EL MAJID CONSTRUCTION

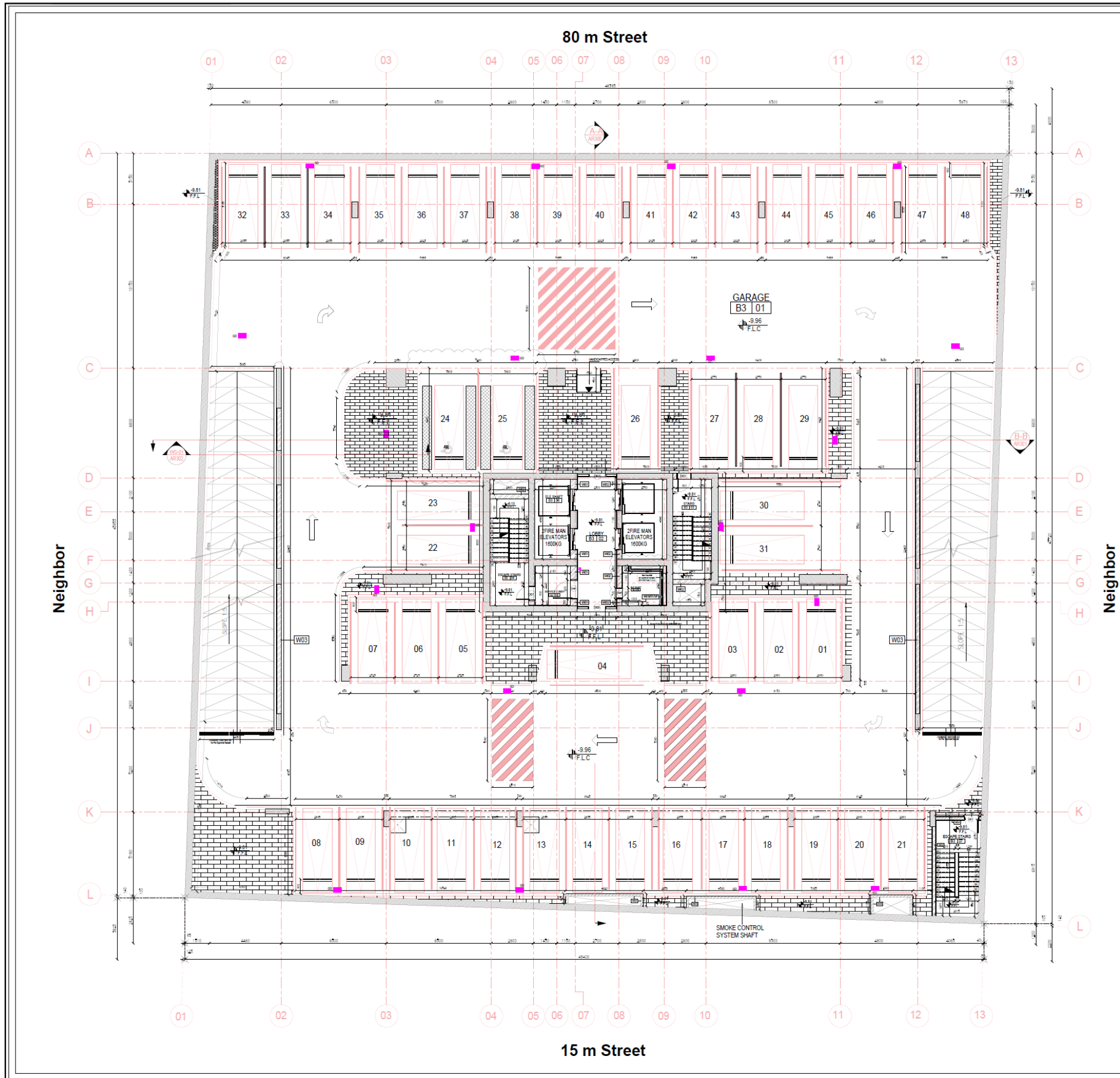
Consultant:
Rafik El-Khoury & Partners Consulting Engineers SAL

General Contractor:
TECHNICAL DIMENSIONS COMPANY

Drawing Title:
GENERAL PLAN (NINETEENTH FLOOR)

DRAWN BY	END MAHMOUD BAKR	SCALE	1:100
CHECKED BY	END AHMED NABAL	DATE	01-03-2025
DRAWING NUMBER	P134-SD-AR-124	NO. DWG	REV. 00
LOCATION	PROJECT	DRG. TYPE	SUB-DISCIPLINE
RY	P134	SD	GENERAL
		ARC	01

• General Plans



Key Plan

Type	Description
	Concrete Paving 20x10x5cm
	Marking for entrance Building
	Epoxy Paint Marking for Parking WIDTH 10CM
	WHEEL STOPPER AS Per Approval Sample
	Concrete Curb 15x15x50 CM

Wall Type

Type	Description
	W01- Concrete Masonry Unit wall (Unit: 400x200; 400mm thick)
	W02- Concrete Masonry Unit wall (Unit: 400x200; 300mm thick)
	W03- Concrete Masonry Unit wall (Unit: 400x200; 250mm thick)
	W04- Concrete Masonry Unit wall (Unit: 400x200; 200mm thick)
	W05- Concrete Masonry Unit wall (Unit: 400x200; 150mm thick)

BASEMENT-3 FLOOR PLAN

ROOM Name	ROOM NO.	Floor Finish	Base Finish	Wall Finish	Ceiling Finish
GARAGE	01	F6	-	W1	C4
LOBBY	02	F1	-	W2	C1
STAIRS	03	F2	B1	W1	C4
ESCAPE STAIRS	04	F2	B1	W1	C4
SERVICE LOBBY	05	F1	B1	W1	C1
ELE SHAFT	06	F4	B2	W1	C4
ESCAPE STAIRS	07	F2	B1	W1	C4
GARAGE	25	F6	-	W1	C4
LOBBY	26	F1	-	W2	C1
STAIRS	27	F2	B1	W1	C4
ESCAPE STAIRS	28	F2	B1	W1	C4
SERVICE LOBBY	29	F1	B1	W1	C1
ELE SHAFT	30	F4	B2	W1	C4
ESCAPE STAIRS	31	F2	B1	W1	C4

FLOOR FINISHES

CODE	DESCRIPTION
F1	MARBLE DECORTION TILES 2400x600 MM.
F2	MARBLE TREADS & RISERS.
F3	NON-SLIP PORCELAIN TILES 600x600 MM
F4	NON-SLIP PORCELAIN TILES 400x400 MM
F5	TERRAZZO TILES 300x300 MM
F6	EPOXY PAINT ON CONCRETE SLAB

BASE FINISHES

CODE	DESCRIPTION
B1	100MM HEIGHT, MARBLE SKIRTING TILES.
B2	100MM HEIGHT, PORCELAIN SKIRTING TILES.
B3	100MM HEIGHT, TERRAZZO SKIRTING TILES.

WALL FINISHES

CODE	DESCRIPTION
W1	PAINT ON CEMENT PLASTER (IPS-2)
W2	2400x600, POLISHED MARBLE TILES.
W3	400X400MM, GLAZED PORCELAIN TILES.

CEILING FINISHES

CODE	DESCRIPTION
C1	MULTI LEVEL GYPSUM BOARD
C2	ONE LEVEL GYPSUM BOARD
C3	ONE LEVEL (PVC) CEILING TILES ON METAL SUSPENSION SYSTEM
C4	PAINT ON CEMENT PLASTER (IPS-2)

Door Schedule CALCULATE

Type Mark	Width	Height	Count	DOOR MATERIAL
D01	900	2250	28	METAL_HINGED_SINGLE_DOOR_900x2250mm
D03	1000	2250	46	ALUMINUM_DOOR_SINGLE_DOOR_1000x2250mm
D06	700	2050	14	METAL_SINGLE_DOOR
D08	1200	2250	14	METAL_HINGED_SINGLE_DOOR_1200x2250mm 2

NOTES:

Key Plan:

References

SR	DRAWING TITLE	DESCRIPTION	DISCIPLINE
1	P134_STR_REV05	IFC	STR
2	AR102-BASEMENT-3 FLOOR PLAN	IFC	ARC
3	P134-SD-P-OR-B03-01-02	SD	MECH
4	P134_T000_PFL_AR_03	RFI	ARC

Drawings

SR	DRAWING NAME	REV.	CODE
1	P134-SD-ARH-A102	01	

COORDINATION

PREPARED BY TECHNICAL DEPARTMENT

DESIGNED BY	ARCH	STRUC	ELEC	MECH	COORDINATOR
SIGNATURE					

Site Key Plan:

Project:
ADMINISTRATIVE TOWER P-134
RIYADH- KING SALMAN ROAD-AL-YASMEEN

Owner:
OSSUS REAL ESTATE COMPANY

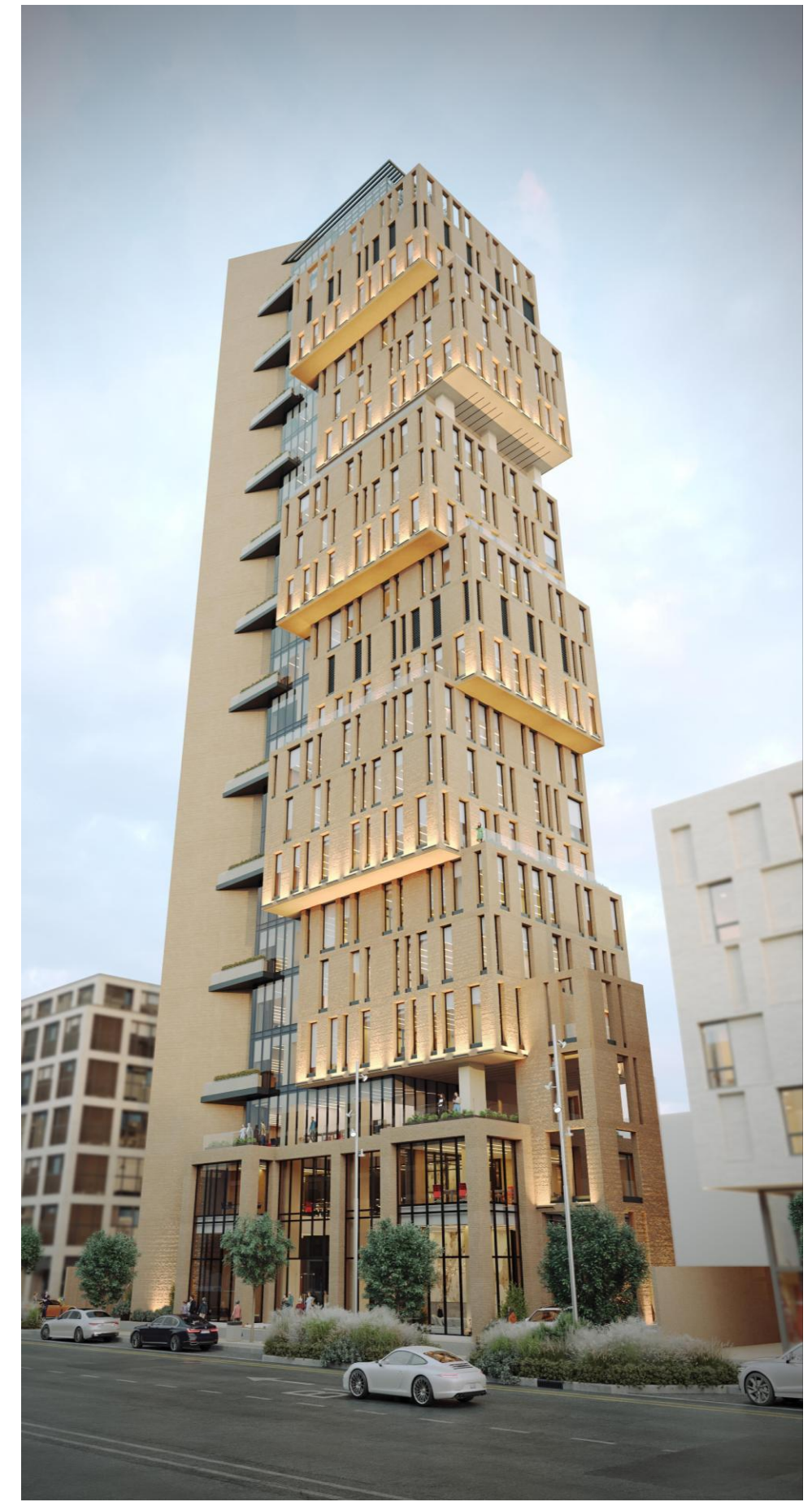
P.M.O.:
EL-MAJID CONSTRUCTION

Consultant:
Rafik El-Khoury & Partners Consulting Engineers SAL

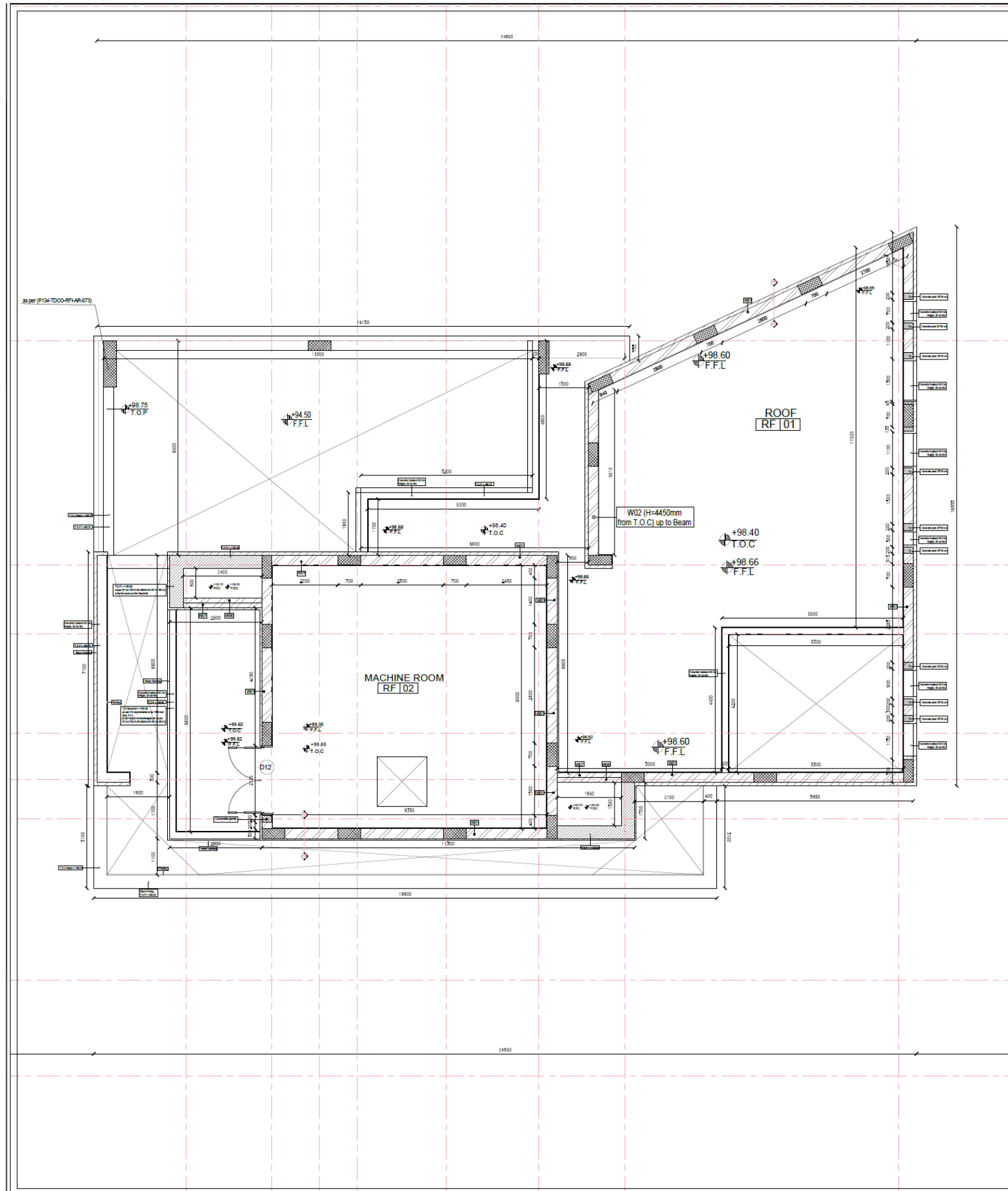
General Contractor:
TECHNICAL DIMENSIONS COMPANY TDCO

Drawing Title:
GENERAL PLAN B03

DRAWN BY	ENG. MAHMOUD BAKR	SCALE:	1:100
CHECKED BY	ENG. AHMED SAMAL	DATE	17-09-2024
DRAWING NUMBER	P134-SD-ARH-A102	REV.	01
LOCATION	PROJECT	WELL TYPE	SUB DISCIPLINE
RYV	P134	SD	GENERAL
		ARC	01



Blockwork Plans

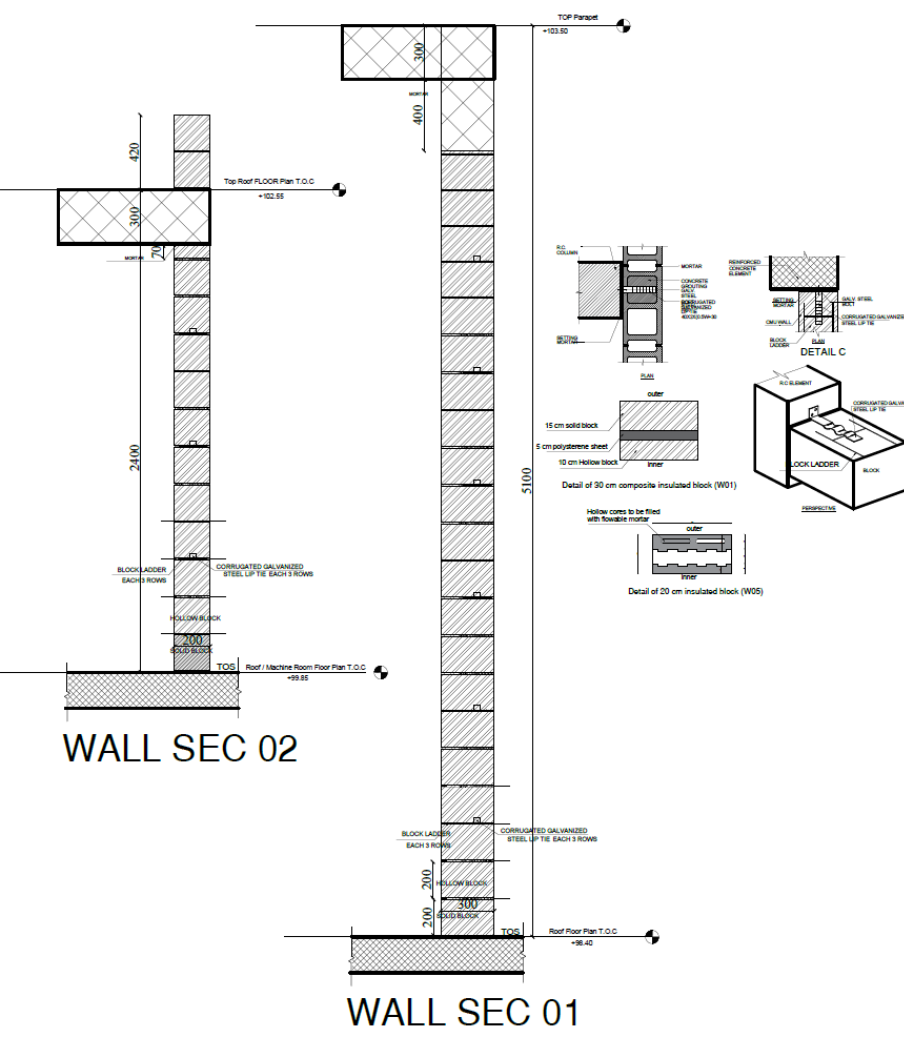


Wall Type


Type	Description
W01	W01- Concrete Masonry Unit wall (Unit: 400x200; 300mm thick insulated)
W02	W02- Concrete Masonry Unit wall (Unit: 400x200; 250mm thick)
W03	W03- Concrete Masonry Unit wall (Unit: 400x200; 200mm thick HOLLOW)
W04	W04- Concrete Masonry Unit wall (Unit: 400x200; 200mm thick SOLID)
W05	W05- Concrete Masonry Unit wall (Unit: 400x200; 200mm thick INSULATED)
W06	W06- Concrete Masonry Unit wall (Unit: 400x200; 150mm thick Hollow)
W07	W07- Concrete Masonry Unit wall (Unit: 400x200; 150mm thick Solid)
W08	W08- Concrete Masonry Unit wall (Unit: 400x200; 100mm thick Hollow)

Door Schedule

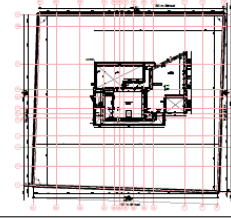
Type Mark	Width	Height	Clear Structural Width	Clear Structural Height	Count	DOOR MATERIAL
D12	2000	2250	2100	2300	1	METAL DOUBLE DOORS 2000*2250MM



NOTES:



Key Plan:



References

SR	DRAWING TITLE	DESCRIPTION	DISCIPLINE
1	P134_SR_11-SLABS&BEAM	IFC	STR
2	AR12-Roof PLAN	IFC	ARC
3	06D-P134_SR_11_P134-MECH-04	IFC	MECH

Drawings


SR	DRAWING NAME	REV.	CODE
1	P134-SD-AR-BW-A127	00	

COORDINATION

PREPARED BY TECHNICAL DEPARTMENT

DISCIPLINE	NAME	DATE
MECH		
STR		
ARC		
MECH		
COORDINATOR		

Site Key Plan:



Project:
ADMINISTRATIVE TOWER P-134
RIYADH- KING SALMAN ROAD-AL-YASMEEN

Owner:
OSSUS REAL ESTATE COMPANY

P.M.O.:
EL-MAJID CONSTRUCTION

Consultant:
Rafik El-Khouly & Partners
Consulting Engineers SAL

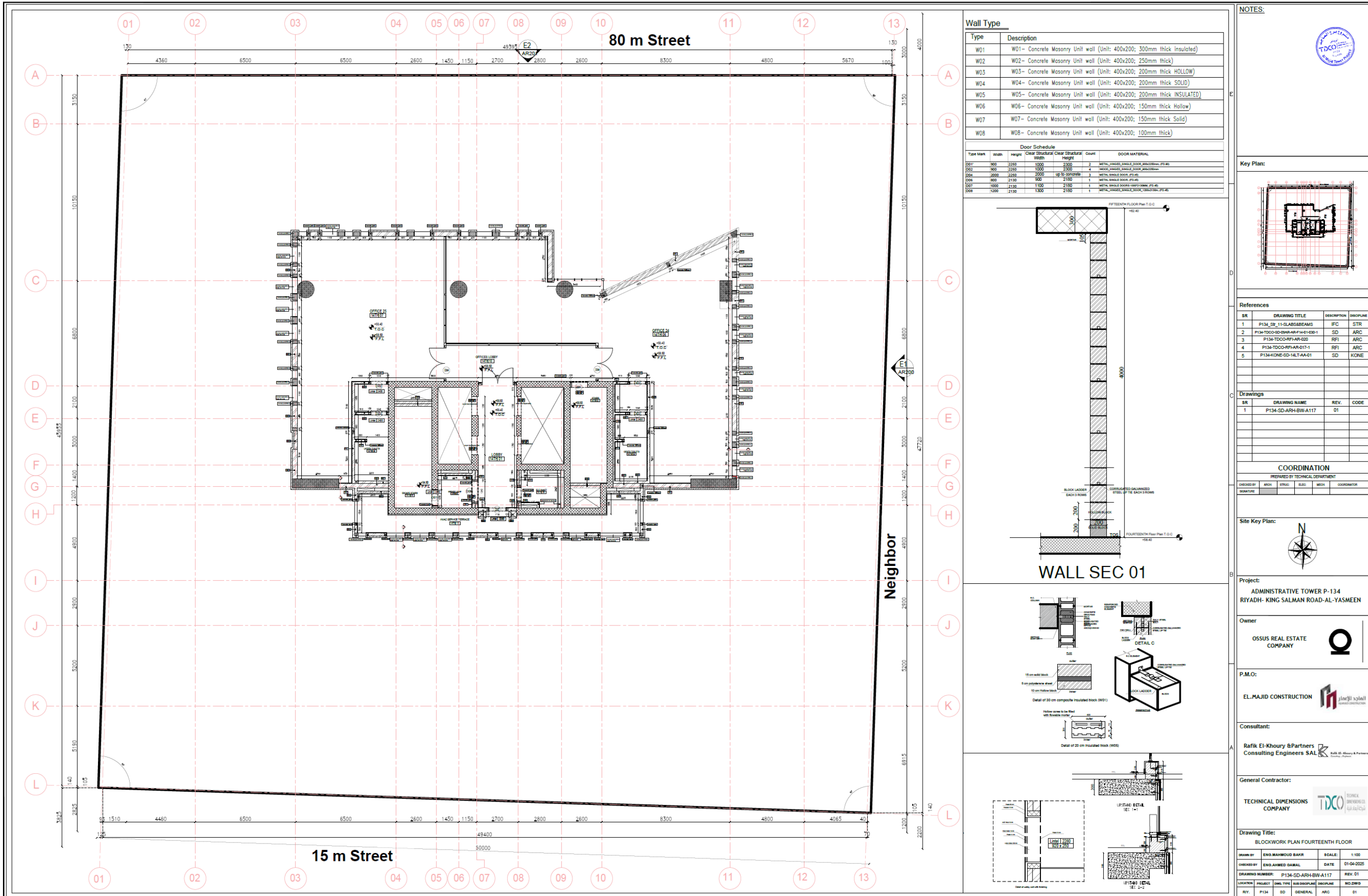
General Contractor:
TECHNICAL DIMENSIONS COMPANY

Drawing Title:
BLOCKWORK PLAN (ROOF FLOOR)

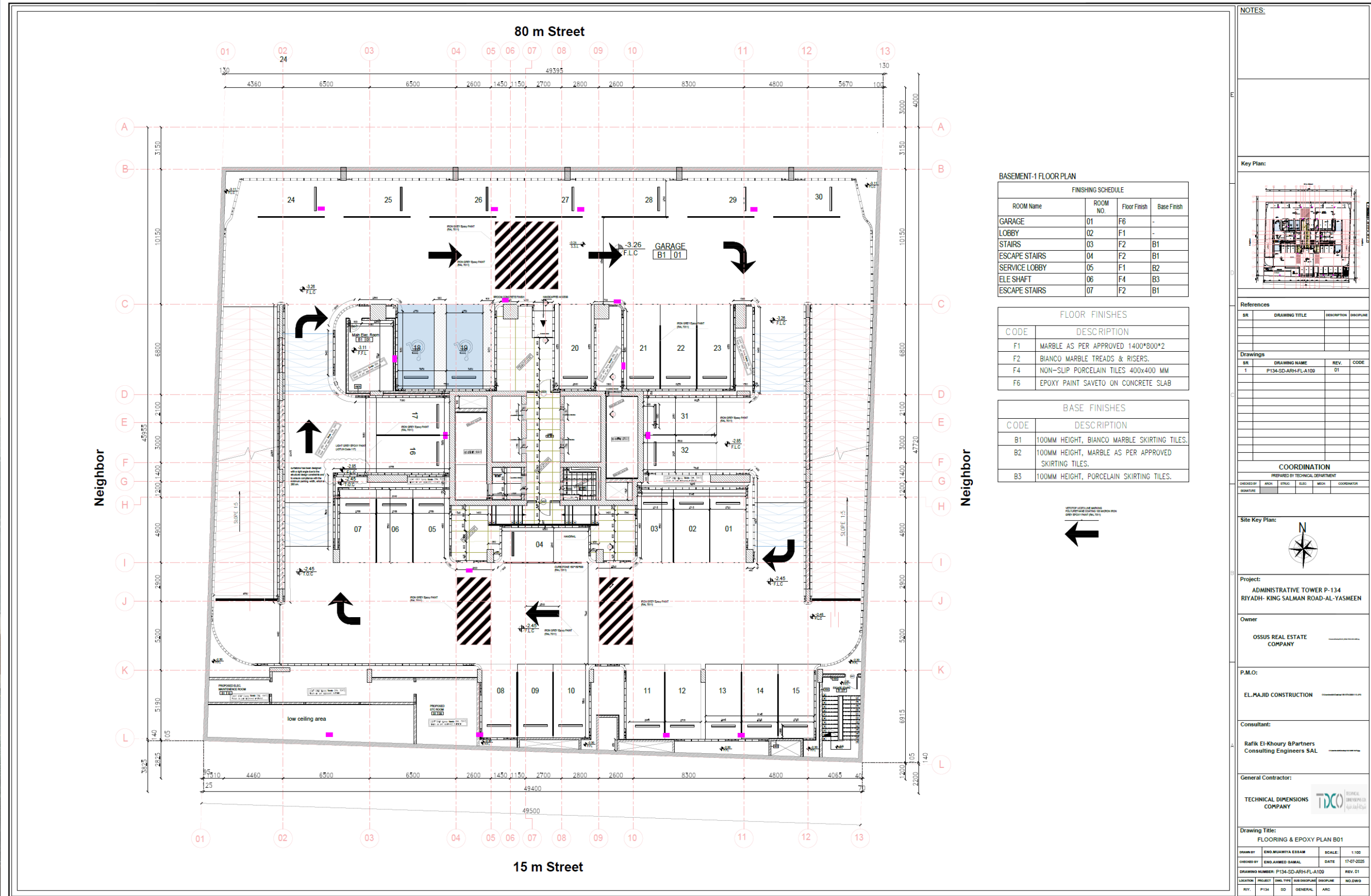
Drawn by: ENO. MAHMOUD BAKR **Scale:** 1:100
Checked by: ENO. AHMED DAMAL **Date:** 14-09-2025
Drawing Number: P134-SD-AR-BW-A127 **Rev. 00**

REV.	DATE	BY	DESCRIPTION	NO. DWG.
01			GENERAL	01

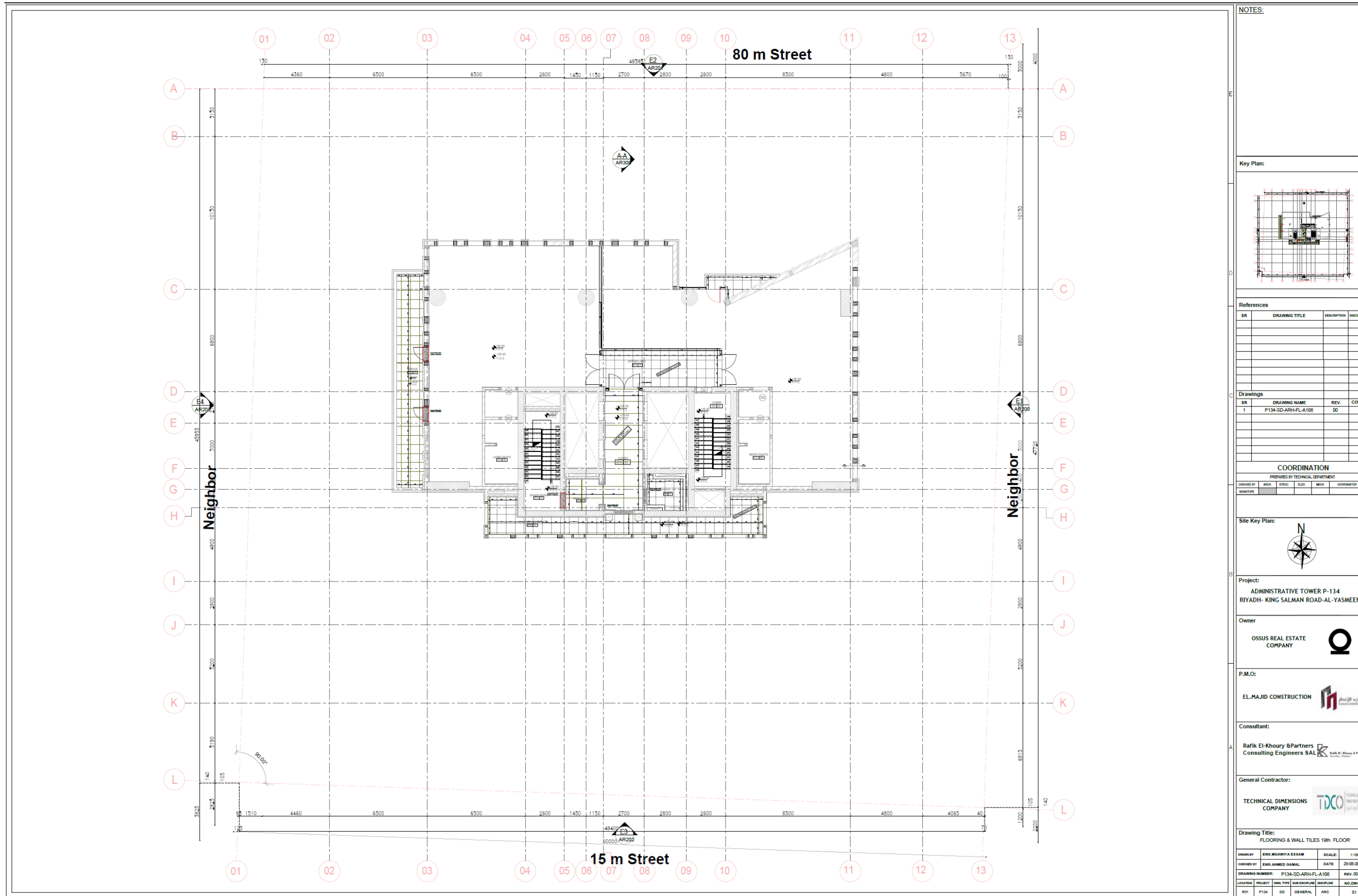
Blockwork Plans



Flooring Plans



Flooring Plans



NOTES:

Key Plan:

References:

SR	DRAWING TITLE	DESCRIPTION	DATE

Drawings:

SR	DRAWING NAME	REV.	CODE
1	P134-SD-ARH-FL-A100	00	

COORDINATION
PREPARED BY TECHNICAL DEPARTMENT

DESIGNED BY	ARCH	STRUC	ELEC	Mech	COORDINATOR

Site Key Plan:

Project:
ADMINISTRATIVE TOWER P-134
RIYADH- KING SALMAN ROAD-AL-YASMEEN

Owner:
OSSUS REAL ESTATE COMPANY

P.M.O.:
EL-MAJID CONSTRUCTION

Consultant:
Rafik El-Khoury & Partners
Consulting Engineers SAL

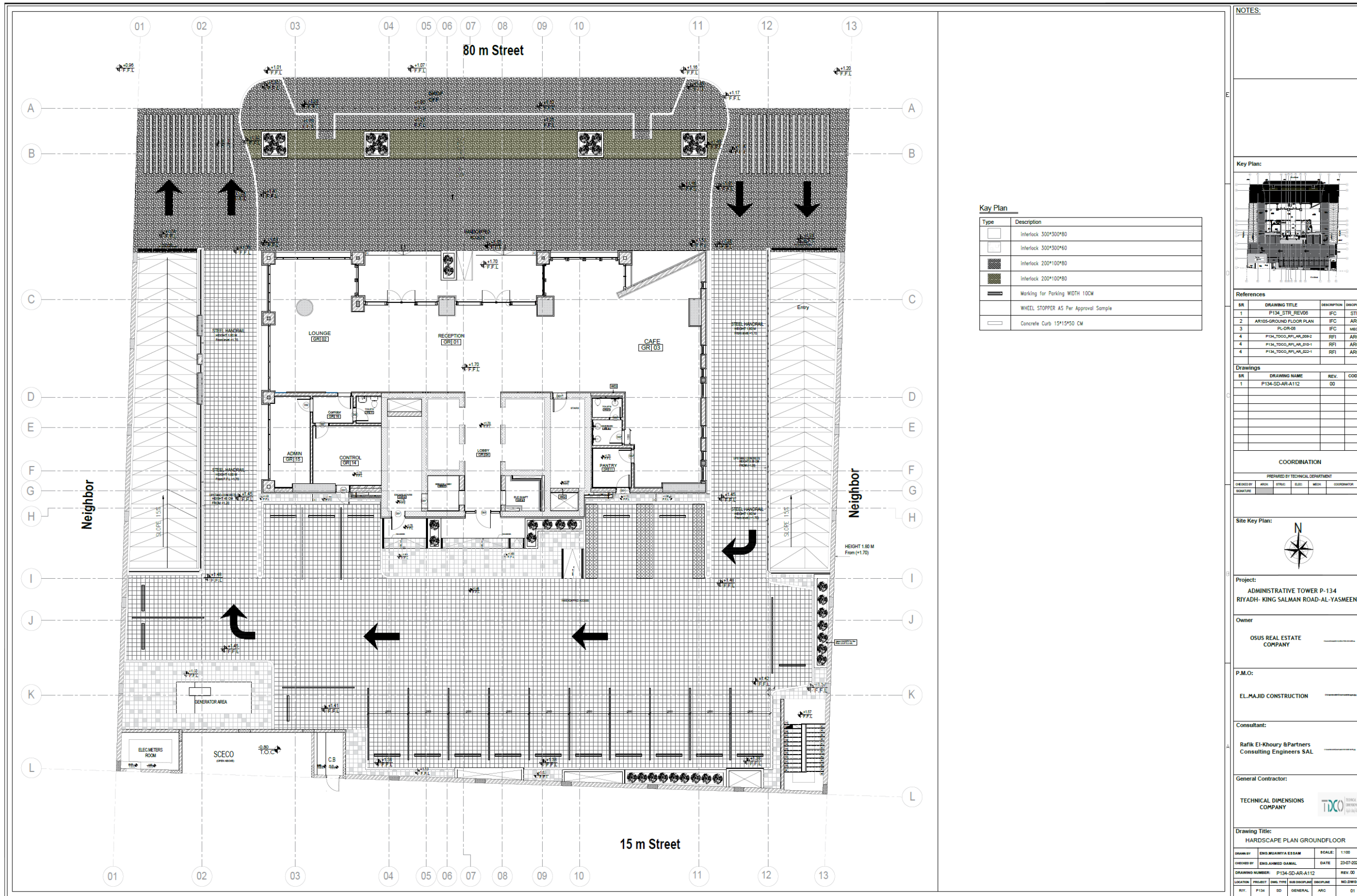
General Contractor:
TECHNICAL DIMENSIONS COMPANY

Drawing Title:
FLOORING & WALL TILES 10th FLOOR

DESIGNED BY	END. MUAWIYA ESSAM	SCALE:	1:100
CHECKED BY	END. AHMED SAMAL	DATE	25-05-2025
DRAWING NUMBER	P134-SD-ARH-FL-A100	REV.	00
LOCATION	PROJECT	NO. TYPE	NO. DISCIPLINE
REV.	P134	SD	GENERAL



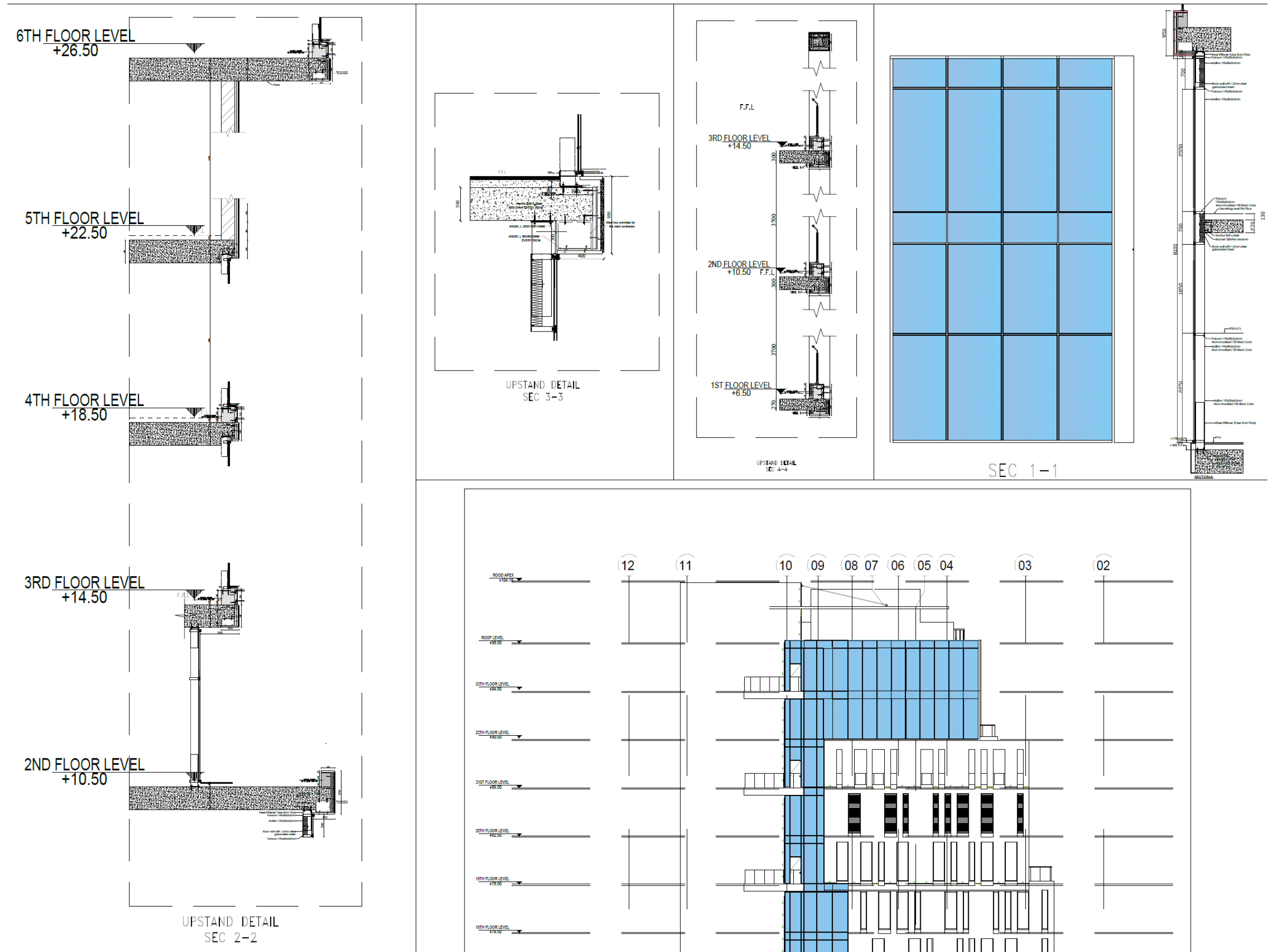
• Hardscape Layout Plan



• Composite Elevations



• Composite Elevations



Stone Cladding Elevations

NOTES:

IMPORTANT:

- ALL DIMENSIONS ARE GIVEN IN MILLIMETERS AND ALL LEVELS GIVEN IN METERS.
- FOR ARCHITECTURAL GENERAL NOTES ABBREVIATIONS REFER TO DRAWING NO. (AR-001) (AR-002).
- CONTRACTOR TO READ THE DRAWING IN CONJUNCTION WITH ALL DISCIPLINES.
- ALL FINISHES MATERIAL COLORS SHALL BE APPROVED BY OWNER.

NOTE 5: THE STONE WAS INSTALLED BEFORE CHANGES. NOW CHANGING THE SIZE, REMOVING AND REINSTALLING STONE'S COST WILL BE ON MAIN CONTRACTOR.

Key Plan:

References

SR	DRAWING TITLE	DESCRIPTION	DISCIPLINE
1	P134-SD-DRC-SC-A110	SD	MECH
2	P134-SD-DRC-SC-A110	SD	MECH

Drawings

SR	DRAWING NAME	REV.	CODE
1	P134-SD-DRC-SC-A110	04	
2	P134-SD-DRC-SC-A110	04	

IMPORTANT: THIS DRAWINGS AND SPECIFICATION AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENT OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFULLY FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND OF FOR THE OTHER PROJECT OR BUILDING, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.

COORDINATION

PREPARED BY TECHNICAL DEPARTMENT

DESIGNED BY	MECH	STRUC	ELEC	MECH	COORDINATOR

Project: ADMINISTRATIVE TOWER P-134 RYADH- KING SALMAN ROAD-AL-YASMEEN

Owner: OSSUS REAL ESTATE COMPANY

P.M.O.: EL MAJID CONSTRUCTION

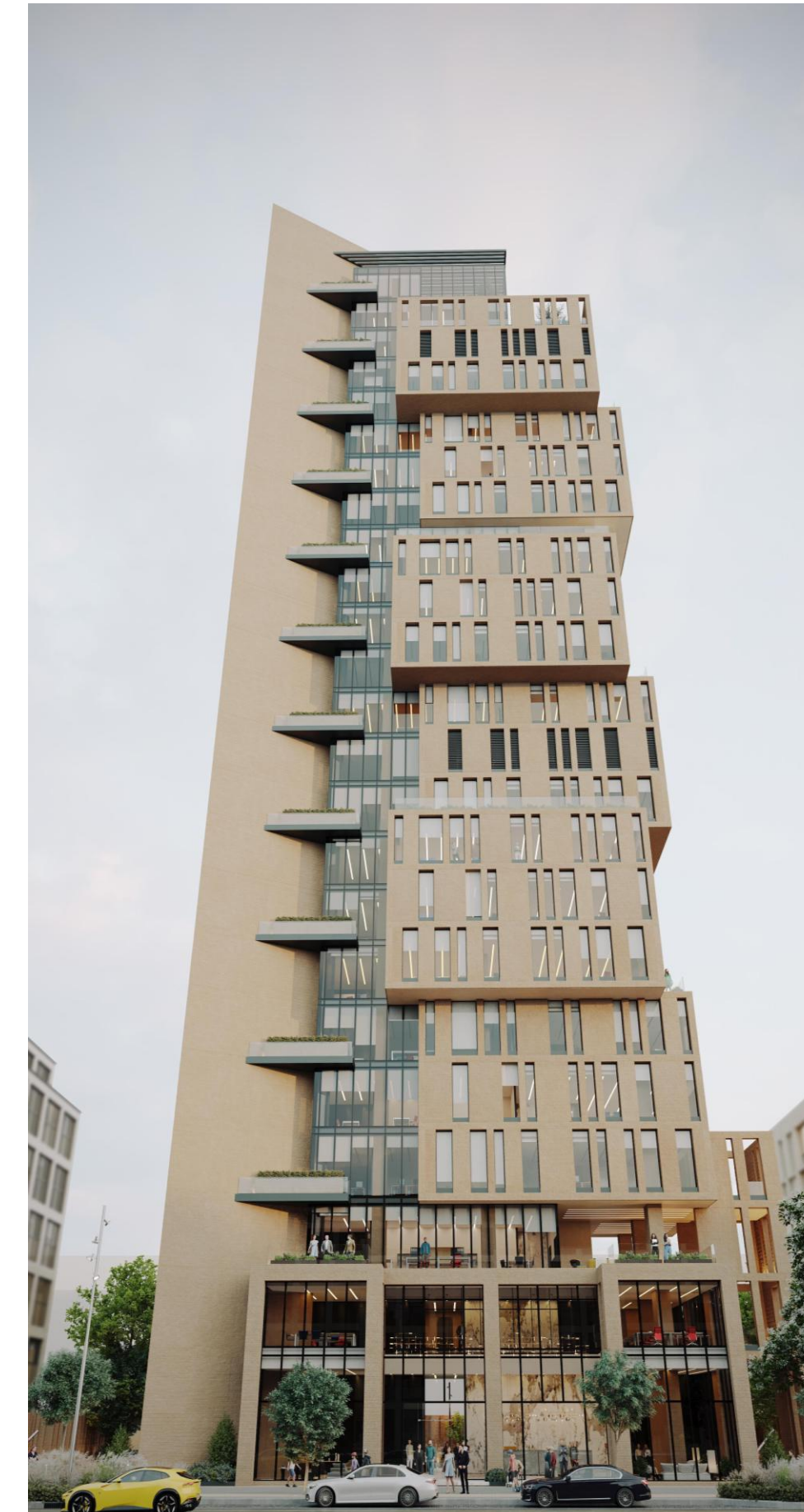
Consultant: Rafik El-Khoury & Partners Consulting Engineers SAL

Main Contractor: Technical Dimension Co.

Sub-Contractor: Diamond Rocks Co. For Marble & Stone

Drawing Title: NORTHERN ELEVATION FACADE STONE CLADDING

DRAWN BY	O.A.	SCALE:	1:100
CHECKED BY	M.G.	DATE:	14-07-2025
PROJECT	P134	REV. NO.	01



Stone Cladding Elevations

3RD FLOOR LEVEL
+14.50

2ND FLOOR LEVEL
+10.50 F.F.L.

1ST FLOOR LEVEL
+6.50

UPSTAND DETAIL
SEC 4-4

TYPICAL SEQUENCE INSTALLATION

STONE PIECE TYPE & DETAIL

TYPICAL SEQUENCE INSTALLATION METHOD

DETAIL 4-4 SECTION PROJECTED WALL DETAIL

NOTE:

- ALL DIMENSIONS ARE GIVEN IN MILLIMETERS AND ALL LEVELS GIVEN IN METERS.
- FOR ARCHITECTURAL GENERAL NOTES/ABBREVIATIONS REFER TO DRAWING NO. (AR-001) (R.A.O.).
- CONTRACTOR TO READ THE DRAWING IN CONJUNCTION WITH ALL DISCIPLINES.
- ALL FINISHED MATERIAL COLORS SHALL BE APPROVED BY OWNER.

Key Plan:

References

SR	DRAWING TITLE	DESCRIPTION	ISSUED
1	P134-SD-DRG-SC-A110	SD	MECH
2	P134-SD-DRG-SC-A110	SD	MECH

Drawings

SR	DRAWING NAME	REV	CODE
1	P134-SD-DRG-SC-A110	04	
2	P134-SD-DRG-SC-A110	04	

IMPORTANT:
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COORDINATION

PREPARED BY	CHECKED BY	DATE

Project:
ADMINISTRATIVE TOWER P-134
RIYADH- KING SALMAN ROAD-AL-YASMEEN

Owner:
OSSUS REAL ESTATE COMPANY

P.M.O.:
EL MAJID CONSTRUCTION

Consultant:
Refik El-Khoury & Partners
Consulting Engineers S.A.L.

Main Contractor:
Technical Dimension Co.

Sub-Contractor:
Diamond Rocks Co. For Marble & Stone

Drawing Title: NORTHERN ELEVATION FACADE STONE CLADDING

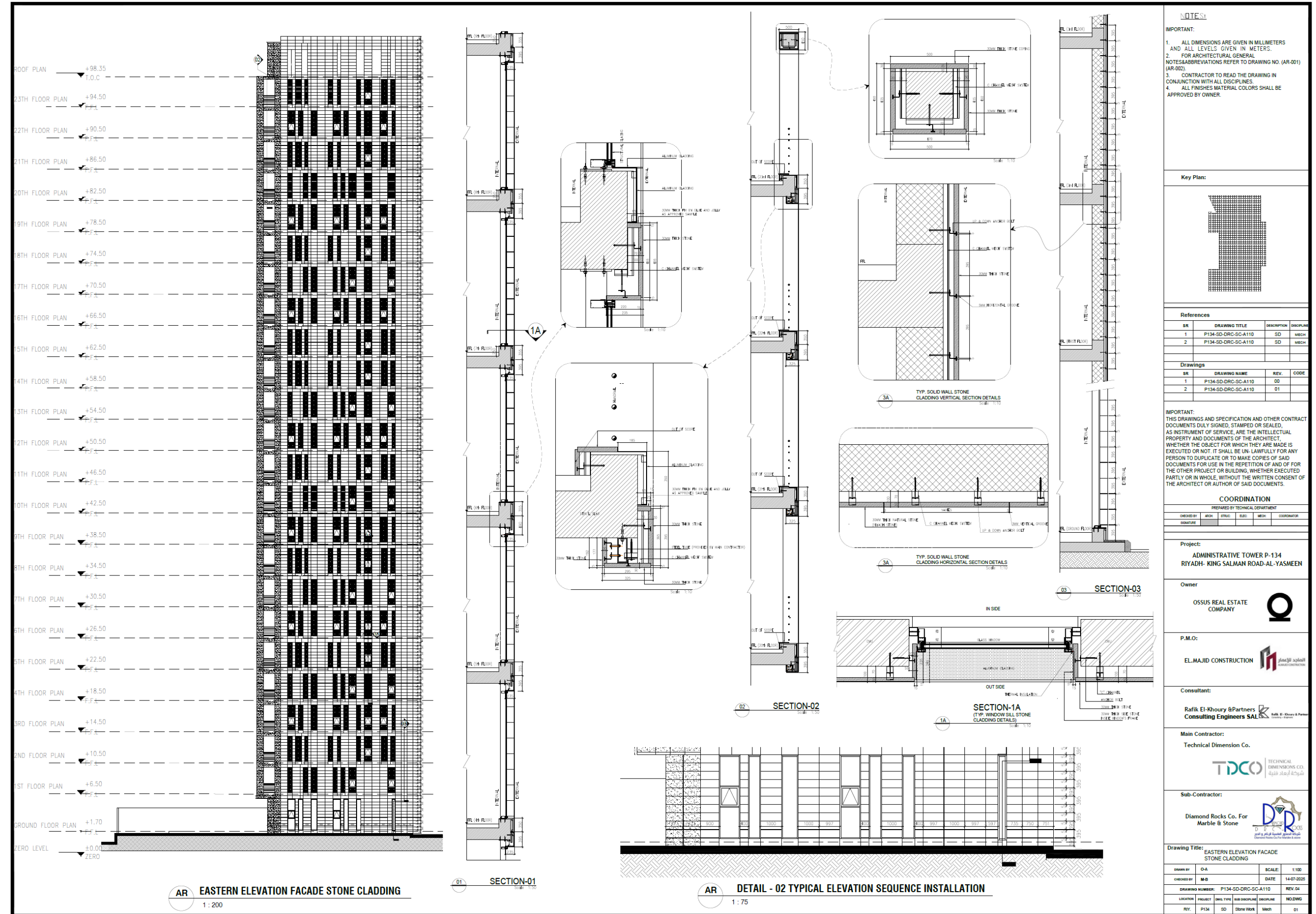
ISSUED BY	DATE	SCALE
O-A	14-07-2028	1:100

NO.	DATE	BY	CHKD.	APPD.
1	14-07-2028			

NO.	DATE	BY	CHKD.	APPD.
1	14-07-2028			



Stone Cladding Elevations



Stone Cladding Elevations



AR WESTERN ELEVATION FACADE STONE CLADDING
1 : 200

SECTION-01
1 : 30

SECTION-02

DETAIL - 01 TYPICAL PLAN SEQUENCE INSTALLATION
1 : 30

NOTES:

IMPORTANT:

- ALL DIMENSIONS ARE GIVEN IN MILLIMETERS AND ALL LEVELS GIVEN IN METERS.
- FOR ARCHITECTURAL GENERAL NOTES & ABBREVIATIONS REFER TO DRAWING NO. (AR-001) (AR-002).
- CONTRACTOR TO READ THE DRAWING IN CONJUNCTION WITH ALL DISCIPLINES.
- ALL FINISHES MATERIAL COLORS SHALL BE APPROVED BY OWNER.

NOTE: THE STONE WAS INSTALLED BEFORE CHANGING, HOW CHANGING THE SIZES, REMOVING AND REINSTALLING STONE'S COST WILL BE ON MAH CONTRACTOR

Key Plan:

References

SR	DRAWING TITLE	DESCRIPTION	DISCIPLINE
1	P134-SD-DRG-SC-A110	SD	MECH
2	P134-SD-DRG-SC-A110	SD	MECH

Drawings

SR	DRAWING NAME	REV.	CODE
1	P134-SD-DRG-SC-A110	00	
2	P134-SD-DRG-SC-A110	01	

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COORDINATION
PROVIDED BY TECHNICAL DEPARTMENT

DESIGNED BY	ARCH.	STRUC.	ELEC.	MECH.	COORDINATOR

Project:
ADMINISTRATIVE TOWER P-134
RIYADH- KING SALMAN ROAD-AL-YASMEEN

Owner:
OSSUS REAL ESTATE COMPANY

P.M.O.:
EL MAJID CONSTRUCTION

Consultant:
Rafik El-Khoury & Partners
Consulting Engineers S.A.L.K.

Main Contractor:
Technical Dimension Co.

Sub-Contractor:
Diamond Rocks Co. For Marble & Stone

Drawing Title: WESTERN ELEVATION FACADE STONE CLADDING

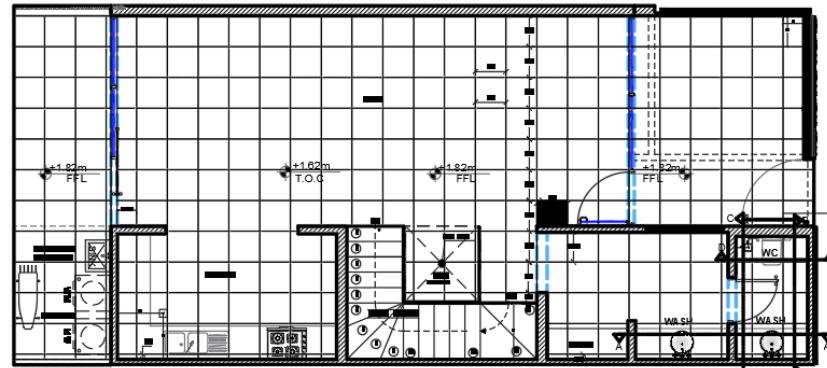
DRAWN BY	C.A.	SCALE	1:100
CREATED BY	M.B	DATE	14-07-2025
DRAWING NUMBER	P134-SD-DRG-SC-A110	REV.	04
LOCATION	PROJECT	DATE	NO. DWG
REV.	P134	SD	07/07/2025
		Arch.	01

Shop Drawings

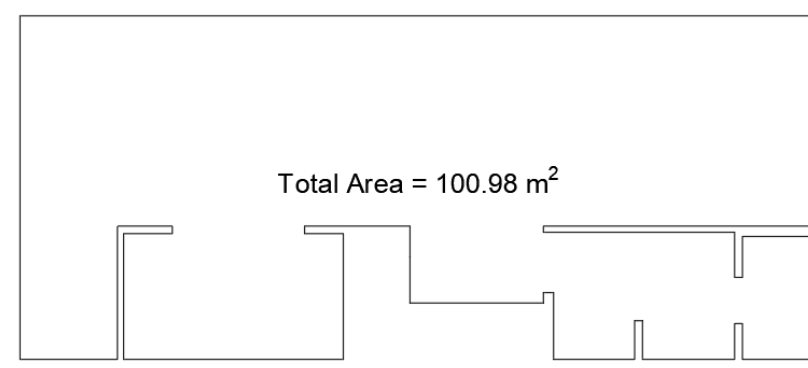
• SEKAK MOHRA Project



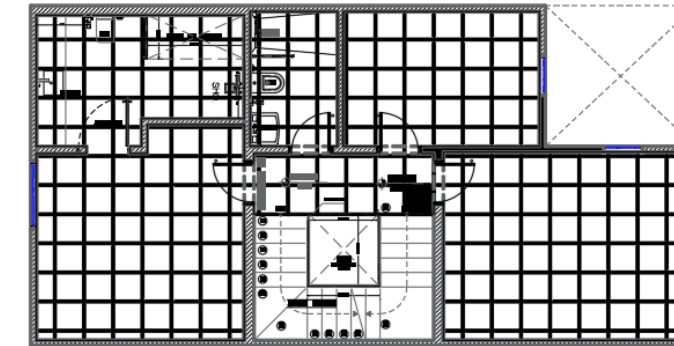
• SEKAK MOHRA Project



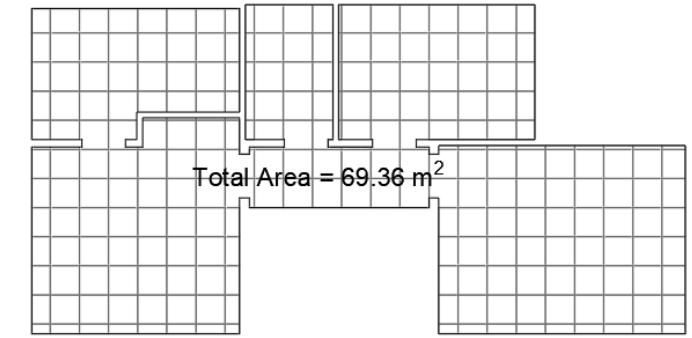
GROUND FLOOR PLAN
TYPE-A



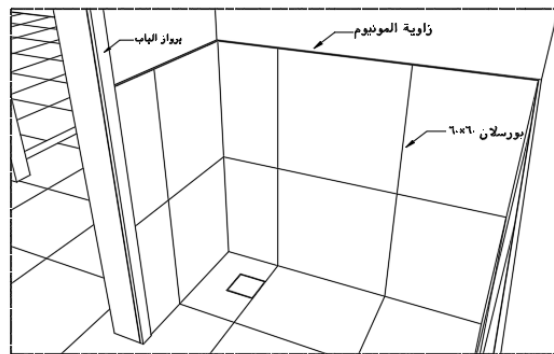
Total Area = 100.98 m²



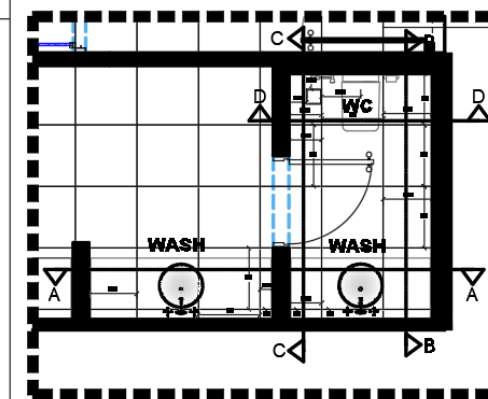
FIRST FLOOR PLAN
TYPE-A



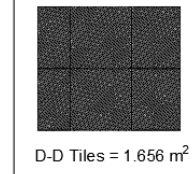
Total Area = 69.36 m²



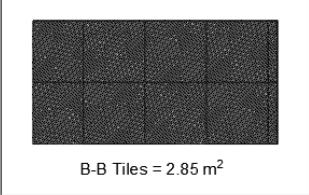
Perspective Shot



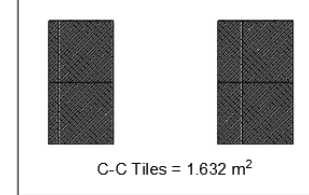
Total Area = 9.928 m²



D-D Tiles = 1.656 m²

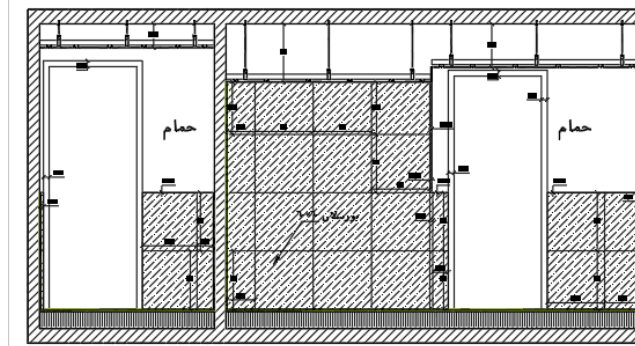


B-B Tiles = 2.85 m²



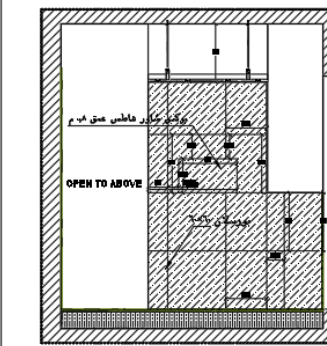
C-C Tiles = 1.632 m²

Total Area of Porcelain (Wall) = 32.69 m²



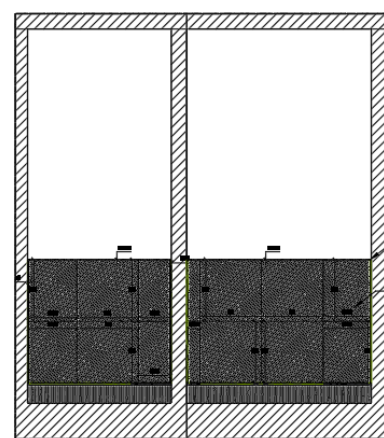
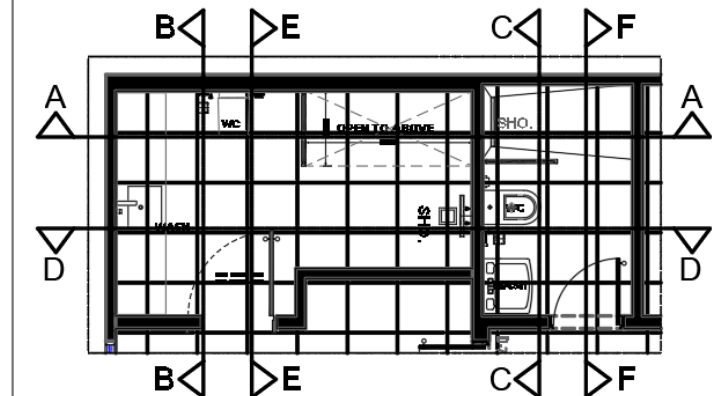
D-D Sec. Details

Total Area = 7.20 m²

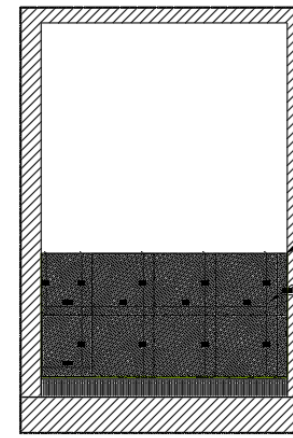


E-E Sec. Details

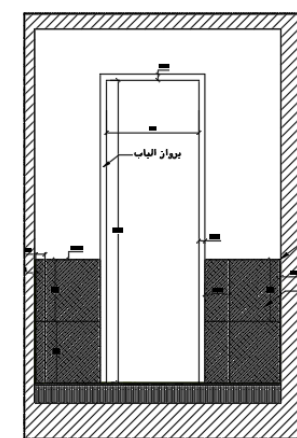
Total Area = 3.54 m²



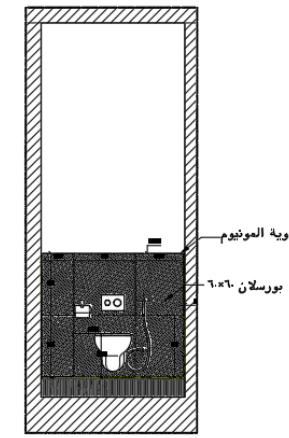
A-A Sec. Details



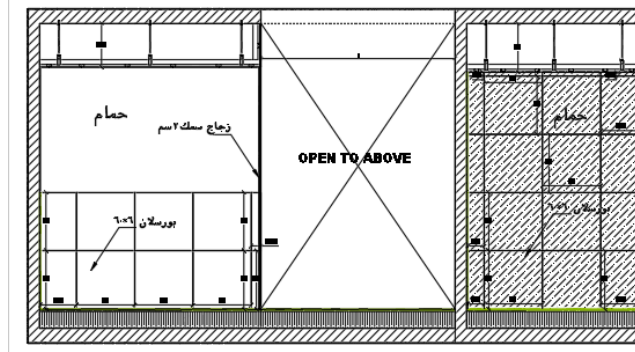
B-B Sec. Details



C-C Sec. Details

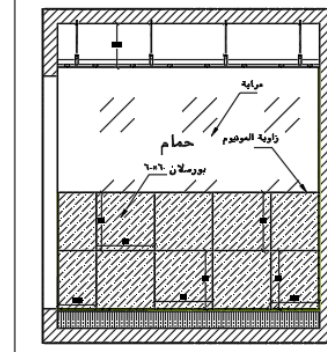


D-D Sec. Details



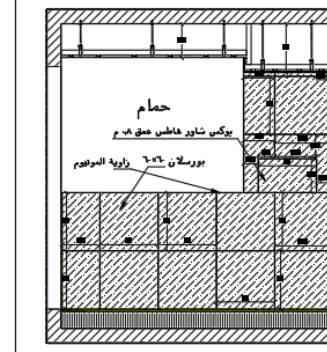
A-A Sec. Details

Total Area = 10 m²



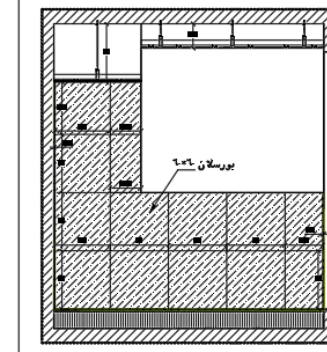
B-B Sec. Details

Total Area = 3.21 m²



C-C Sec. Details

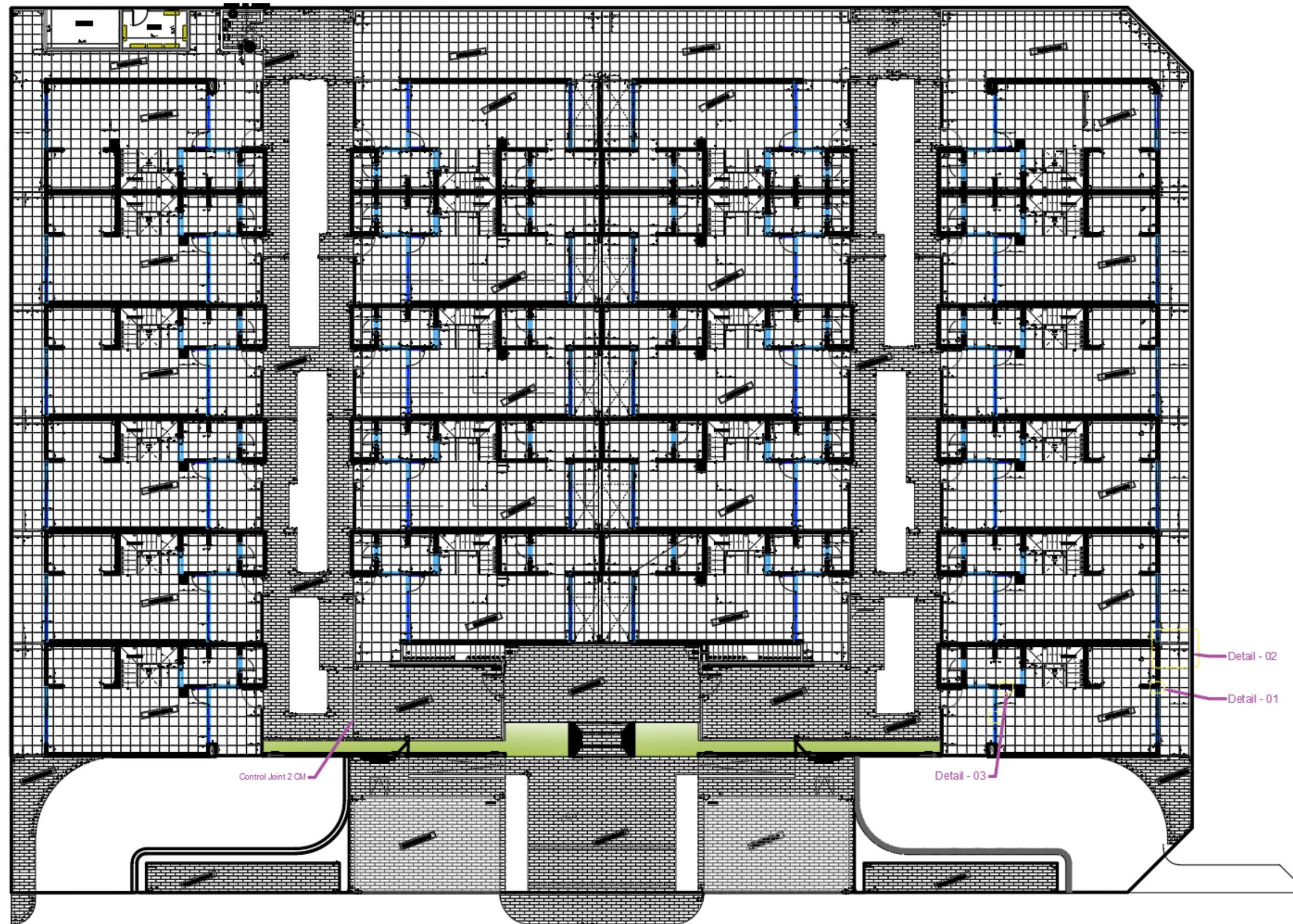
Total Area = 4.42 m²



F-F Sec. Details

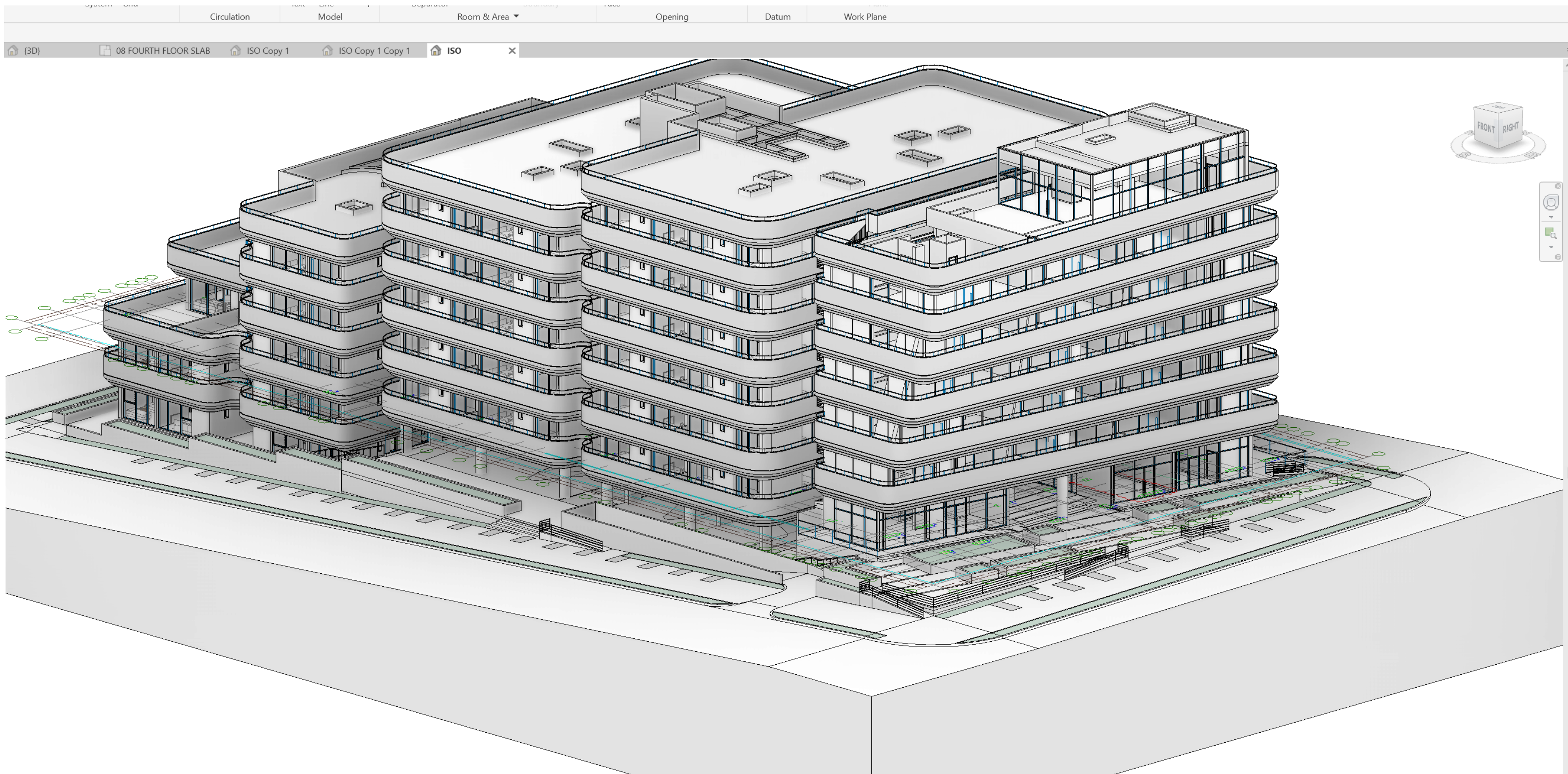
Total Area = 4.32 m²

• SEKAK MOHRA Project



MASTER PLAN





• AL-OMAR Towers

Autodesk Revit 2024 - FINAL LANDSCAPE FINAL - Schedule: Room Schedule

File Architecture Structure Steel Precast Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins NonicaTab FREE Modify **Modify Schedule/Quantities**

Properties: Rooms, Name, Form, Calculated, Combine, Insert, Delete, Resize, Hide, Unhide, All, Insert, Insert, Delete, Resize, Merge, Insert, Clear, Group, Ungroup, Freeze, Shading, Borders, Reset, Font, Align, Horizontal, Vertical, Highlight, in Model, Hide, Explain, Split & Place

Modify Schedule/Quantities: Parameters, Columns, Rows, Titles & Headers, Appearance, Element, Not Placed/Unenclosed, Error, Split

Properties: (3D), (3D), 06 SECOND FLOOR SLAB, 05 FIRST FLOOR SLAB, Floor Schedule, Room Schedule, Wall Schedule

Schedule: Room Schedule

<Room Schedule>			
A	B	C	D
Name	Area	Count	Level
A.C. UNITS ROOM	65.44 m²	1	FIRST FLOOR SLAB
C101	55.44 m²	1	THIRD FLOOR SLAB
C102	61.83 m²	1	THIRD FLOOR SLAB
C103	69.01 m²	1	THIRD FLOOR SLAB
C201	58.77 m²	1	FOURTH FLOOR SLAB
C202	69.32 m²	1	FOURTH FLOOR SLAB
C203	83.33 m²	2	<varies>
C301	61.94 m²	1	FIFTH FLOOR SLAB
C302	76.88 m²	1	FIFTH FLOOR SLAB
C303	97.26 m²	1	FIFTH FLOOR SLAB
C401	65.14 m²	2	<varies>
C402	84.14 m²	1	SIXTH FLOOR SLAB
C403	111.96 m²	1	SIXTH FLOOR SLAB
C501	68.07 m²	1	SEVENTH FLOOR SLAB
C502	91.05 m²	1	SEVENTH FLOOR SLAB
C503	124.52 m²	1	SEVENTH FLOOR SLAB
C601	127.11 m²	1	EIGHTH FLOOR SLAB
EE ROOM 01	11.65 m²	1	BASEMENT 02 SLAB
EE ROOM 02	18.06 m²	1	BASEMENT 01/GROUND FLOOR SLA
EE ROOM 03	5.07 m²	1	BASEMENT 01/GROUND FLOOR SLA
ELEVATOR	87.04 m²	23	<varies>
HALLWAY	388.68 m²	7	<varies>
I.T. ROOM 01	14.77 m²	1	BASEMENT 02 SLAB
I.T. ROOM 02	8.56 m²	1	BASEMENT 01/GROUND FLOOR SLA
KIT.	0.00 m²	6	Not Placed
KITCHEN	19.87 m²	26	<varies>
LOBBY	44.13 m²	1	SECOND FLOOR SLAB
MECHANICAL ROOM	90.55 m²	1	FIRST FLOOR SLAB
MECHANICAL ROOM 01	23.20 m²	1	BASEMENT 02 SLAB
MECHANICAL ROOM 02	21.53 m²	1	BASEMENT 02 SLAB
OFFICE 202	0.00 m²	1	Not Placed
OFFICE 203	0.00 m²	1	Not Placed
OFFICE 401	0.00 m²	1	Not Placed
PARKING	3210.79 m²	1	BASEMENT 01/GROUND FLOOR SLA
Room	113.88 m²	12	<varies>
S01	50.39 m²	1	SECOND FLOOR SLAB
S02	48.91 m²	1	SECOND FLOOR SLAB
SERVICES	553.37 m²	1	FIRST FLOOR SLAB
STORAGE ROOM	20.48 m²	1	FIRST FLOOR SLAB
W.C.	58.53 m²	25	<varies>
WATER AND FIRE FIGHTING TANK	142.16 m²	2	BASEMENT 02 SLAB
	6302.83 m²		

Properties help Apply

Project Browser - FINAL LANDSCAPE FINAL

Views (all)

- Floor Plans
 - 01 LAND PLAN
 - 02 SITE
 - 03 BASEMENT 02 SLAB
 - 04 BASEMENT 01/GROUND FLOOR SLAB
 - 05 FIRST FLOOR SLAB
 - 06 SECOND FLOOR SLAB
 - 07 THIRD FLOOR SLAB
 - 08 FOURTH FLOOR SLAB
 - 09 FIFTH FLOOR SLAB
 - 10 SIXTH FLOOR SLAB
 - 11 SEVENTH FLOOR SLAB
 - 12 EIGHTH FLOOR SLAB
 - 13 TOP ROOF SLAB
 - A EXIT STAIR @ BF2
 - A EXIT STAIR @ FF
 - A EXIT STAIR @ GF
 - A EXIT STAIR @ SF TO 4F
 - A EXT STAIR @ FF
 - A EXT STAIR @ GF
 - A INT STAIR @ 4F
 - A INT STAIR @ FF & SF
 - A INT STAIR @ GF
 - A INT STAIR @ TF
 - A WINDOWS
 - A WINDOWS Copy 1

Zoom in or out using the Ctrl + mouse wheel or Ctrl + [+/-]. To reset to the original zoom level (100%), press Ctrl + 0.

Autodesk Revit 2024 - FINAL LANDSCAPE FINAL - Schedule: Wall Schedule

File Architecture Structure Steel Precast Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins NonicaTab FREE Modify **Modify Schedule/Quantities**

Properties: Walls, Family and T..., Form, Calculated, Combine, Insert, Delete, Resize, Hide, Unhide, All, Insert, Insert, Delete, Resize, Merge, Insert, Clear, Group, Ungroup, Freeze, Shading, Borders, Reset, Font, Align, Horizontal, Vertical, Highlight, in Model, Split & Place

Modify Schedule/Quantities: New, Delete

Properties: (3D), (3D), 06 SECOND FLOOR SLAB, 05 FIRST FLOOR SLAB, Floor Schedule, Room Schedule, Wall Schedule

Schedule: Wall Schedule

<Wall Schedule>						
A	B	C	D	E	F	G
Family and Type	Area	Length	Base Offset	Base Constraint	Unconnected Height	insulation area
Basic Wall: 0.15 ABOVE GLASS	191.27 m²	273.52	3.00	<varies>	<varies>	192.139888
Basic Wall: 0.20 BLOCK	150.03 m²	55.80	<varies>	<varies>	<varies>	158.699836
Basic Wall: 0.20 BLOCK FENCE	318.16 m²	162.28	<varies>	<varies>	<varies>	316.283827
Basic Wall: 0.20 BLOCK RETAINING	886.55 m²	337.75	<varies>	<varies>	<varies>	1192.100028
Basic Wall: 0.20 BLOCK WALLS	2590.33 m²	880.46	<varies>	<varies>	<varies>	3077.607542
Basic Wall: 0.20 CONCRETE	521.40 m²	142.34	0.00	<varies>	3.70	526.675685
Basic Wall: 0.35 BLOCK PARAPET	2.24 m²	2.20	0.00	TOP ROOF SLAB	1.00	2.204848
Basic Wall: 0.40 BLOCK PARAPET	7.65 m²	10.75	0.00	TOP ROOF SLAB	0.73	7.847063
Basic Wall: BASEMENT	4621.66 m²	1437.44	<varies>	<varies>	<varies>	4900.541232
Basic Wall: basement wall 0.45 CL 2	1191.95 m²	309.60	0.00	BASEMENT 02 SLAB	<varies>	1191.954006
Basic Wall: CO 0.20	120.21 m²	121.61	<varies>	<varies>	<varies>	124.209415
Basic Wall: CO 0.20 CL	2.10 m²	3.20	-1.00	FIRST FLOOR SLAB	0.70	2.24
Basic Wall: CO 0.20 PLANTERS STONES	844.84 m²	604.13	<varies>	<varies>	<varies>	960.706793
Basic Wall: CO 0.30	1033.17 m²	515.52	<varies>	<varies>	<varies>	1380.853671
Basic Wall: CO 0.35	444.97 m²	121.08	<varies>	<varies>	<varies>	451.133217
Basic Wall: CO 0.40	34.90 m²	13.29	<varies>	<varies>	<varies>	50.214
Basic Wall: Generic - 350mm	889.55 m²	426.31	<varies>	<varies>	<varies>	1365.123401
Basic Wall: HALLWAYS 2	57.58 m²	22.10	0.25	EIGHTH FLOOR SLAB	3.00	66.295507
Basic Wall: IN 0.10	23.21 m²	5.03	-0.15	BUILDING C GROUND FINISH	<varies>	23.318754
Basic Wall: IN 0.20 CL	960.21 m²	617.73	<varies>	<varies>	<varies>	955.188533
Basic Wall: RETAIL	217.10 m²	84.37	<varies>	SECOND FLOOR SLAB	<varies>	233.551049
Basic Wall: ROOMS 2	92.85 m²	31.44	0.25	EIGHTH FLOOR SLAB	3.00	94.317753
Basic Wall: SERVICE	731.37 m²	286.32	<varies>	FIRST FLOOR SLAB	<varies>	767.885831
Curtain Wall: Curtain Wall	2794.16 m²	889.17	<varies>	<varies>	<varies>	2803.404605
Curtain Wall: Curtain Wall 2	117.94 m²	37.00	<varies>	<varies>	<varies>	117.94499
Curtain Wall: CURVED GLASS RAILING	22.66 m²	41.77	<varies>	<varies>	<varies>	22.493967
Curtain Wall: GLASS RAILING	287.45 m²	627.61	<varies>	<varies>	<varies>	287.934586
Walls 1: Walls 1	0.07 m²	0.00				0
Walls 2: Walls 2	0.00 m²	0.00				0
Walls 3: Walls 1	0.02 m²	0.00				0
Walls 4: Walls 1	0.02 m²	0.00				0
Walls 5: Walls 5	0.00 m²	0.00				0
Walls 6: Walls 1	0.02 m²	0.00				0
Walls 7: Walls 7	0.00 m²	0.00				0
Walls 8: Walls 1	0.02 m²	0.00				0
Walls 9: Walls 9	0.00 m²	0.00				0
Walls 10: Walls 10	0.00 m²	0.00				0
Walls 11: Walls 11	0.00 m²	0.00				0
	19155.67 m²	8059.84				21272.870027

Properties help Apply

Project Browser - FINAL LANDSCAPE FINAL

Views (all)

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 - 10 SIXTH FLOOR SLAB
 - 11 SEVENTH FLOOR SLAB
 - 12 EIGHTH FLOOR SLAB
 - 13 TOP ROOF SLAB
 - A EXIT STAIR @ BF2
 - A EXIT STAIR @ FF
 - A EXIT STAIR @ GF
 - A EXIT STAIR @ SF TO 4F
 - A EXT STAIR @ FF
 - A EXT STAIR @ GF
 - A INT STAIR @ 4F
 - A INT STAIR @ FF & SF
 - A INT STAIR @ GF
 - A INT STAIR @ TF
 - A WINDOWS
 - A WINDOWS Copy 1

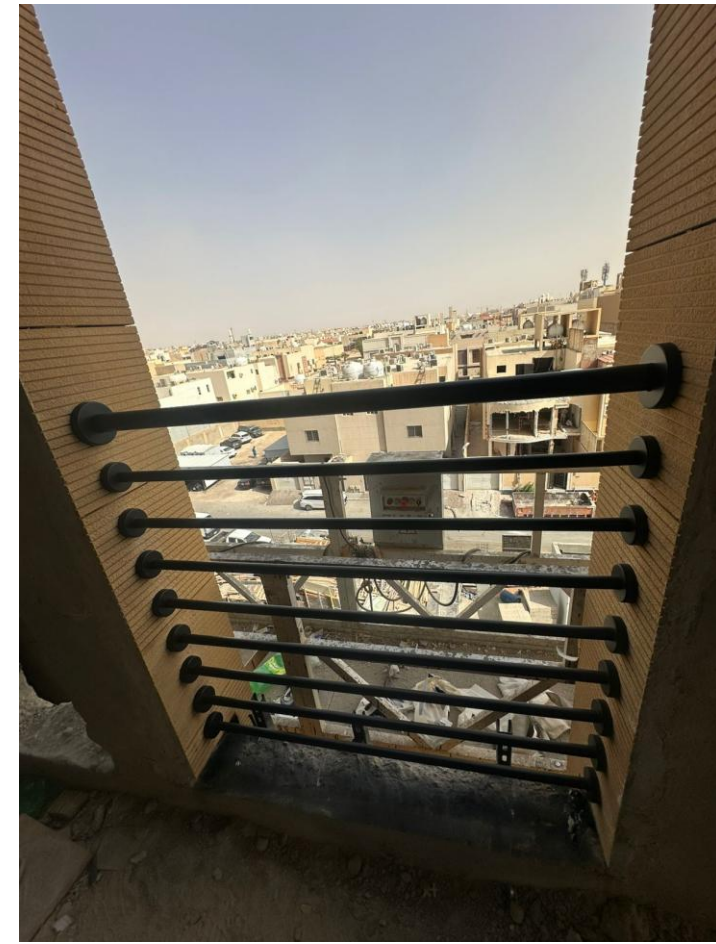
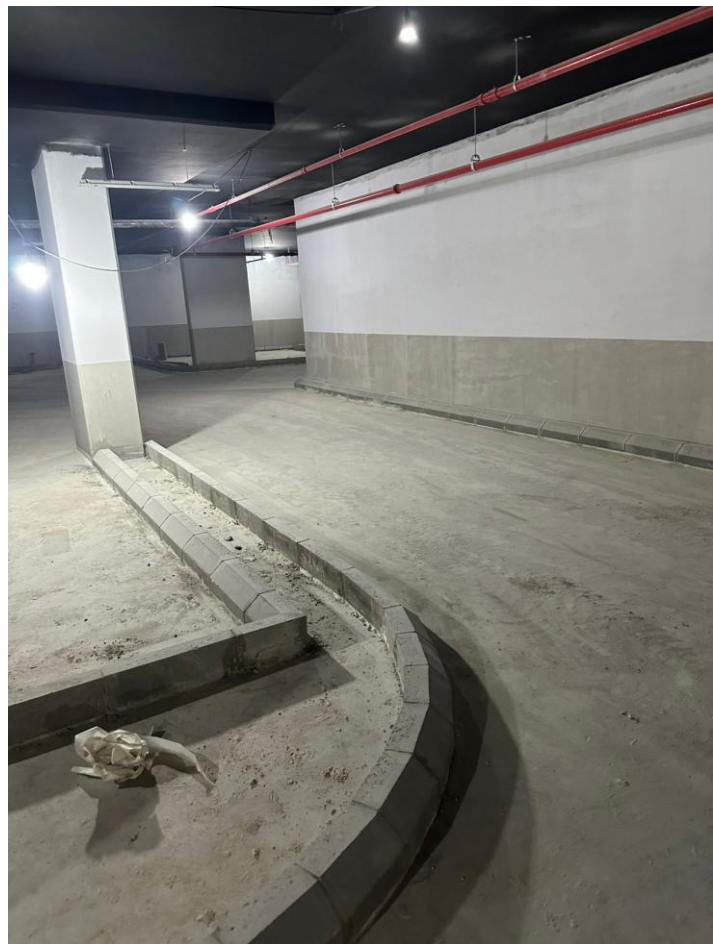
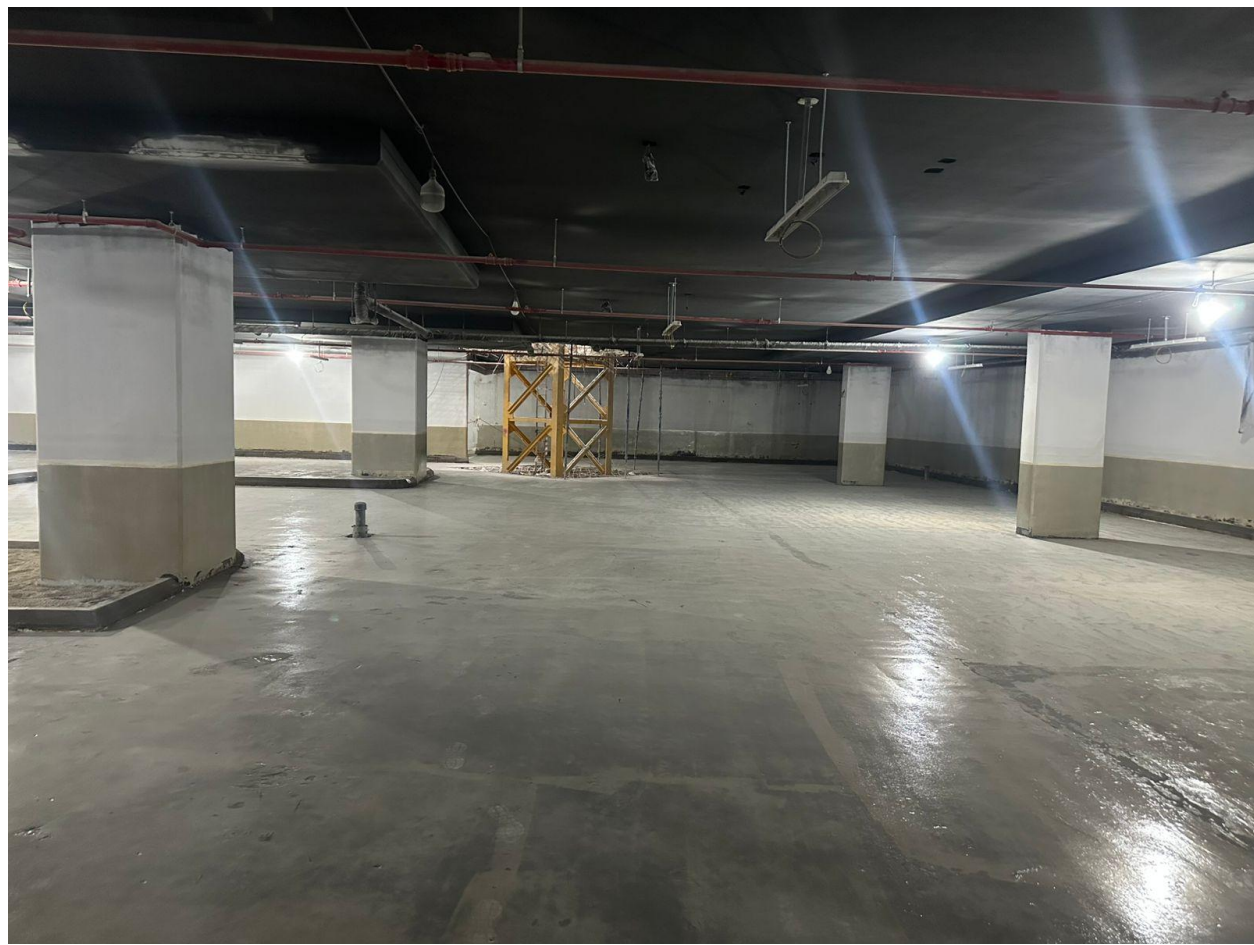
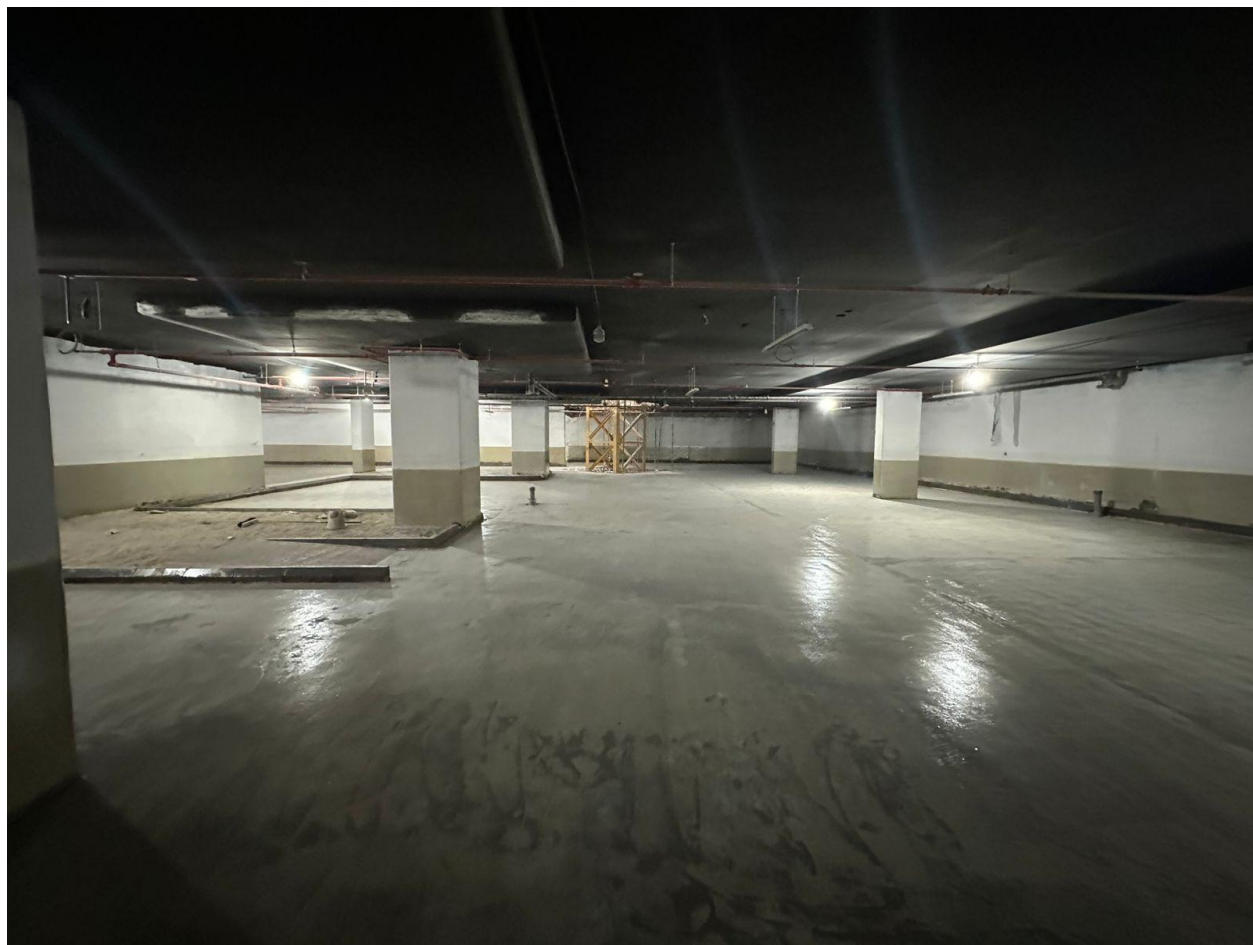
- From Plan to Reality — Perfected on Site.

Execution

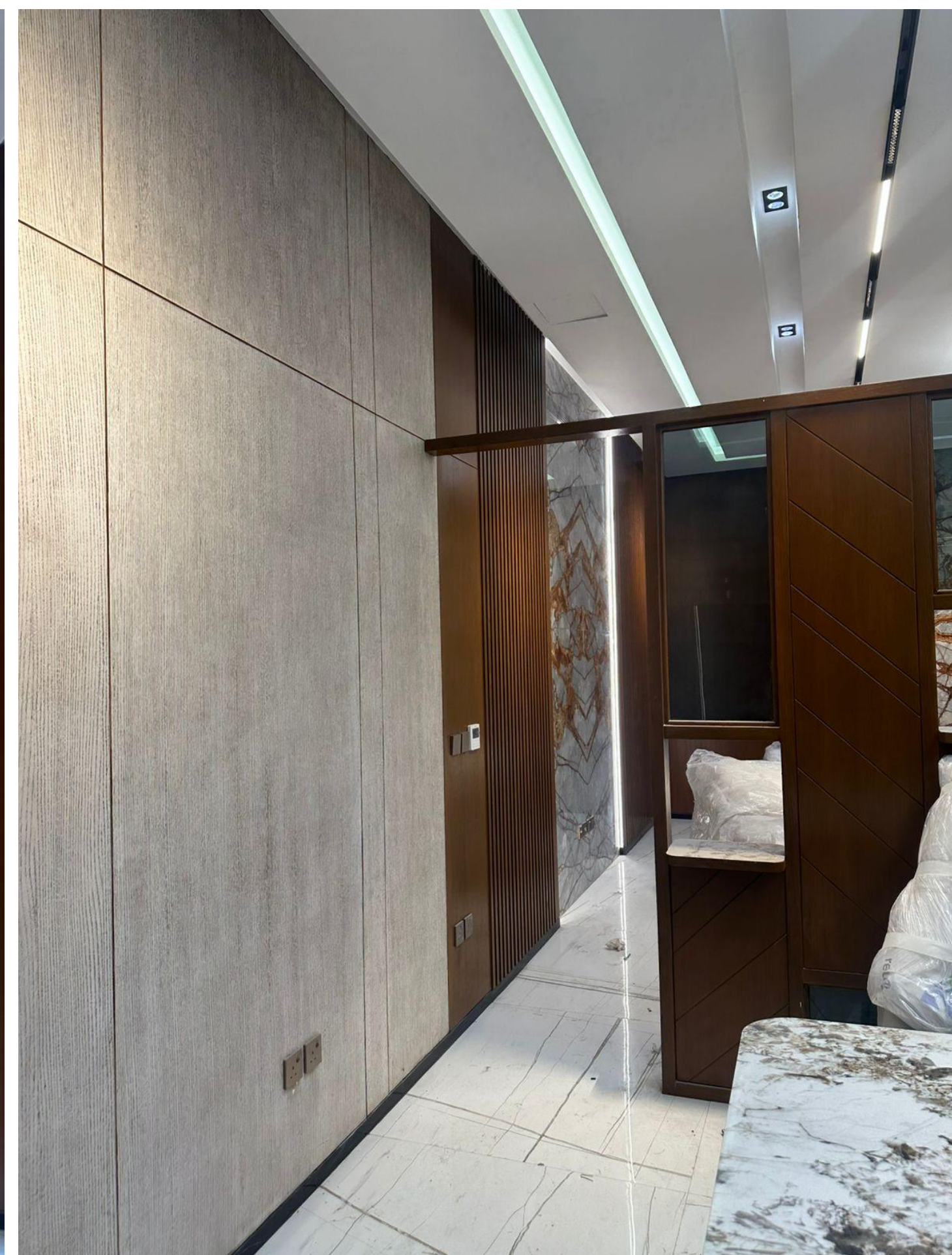
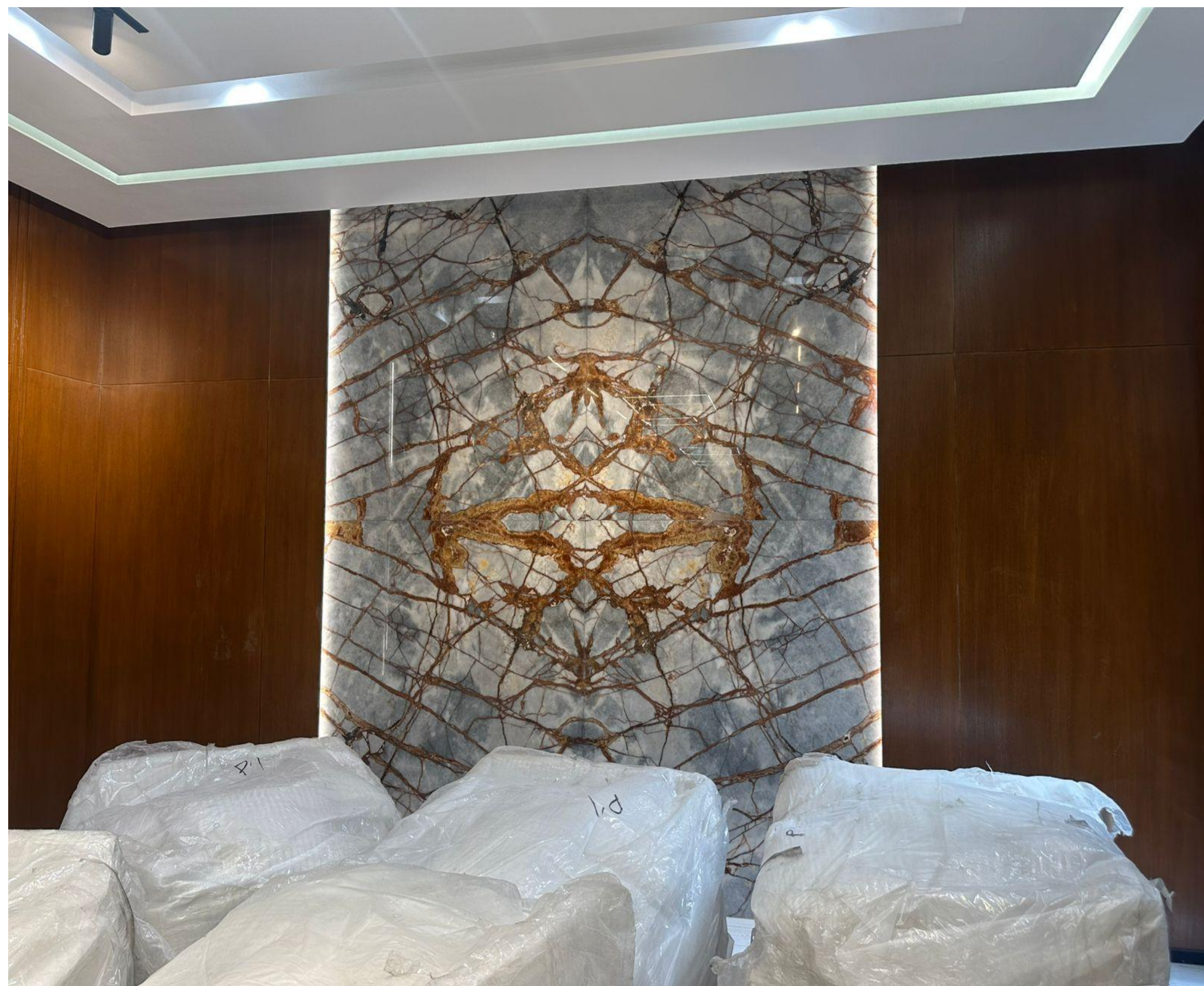


Execution













Interior Design



- Designing Spaces, Defining Lifestyles.



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