



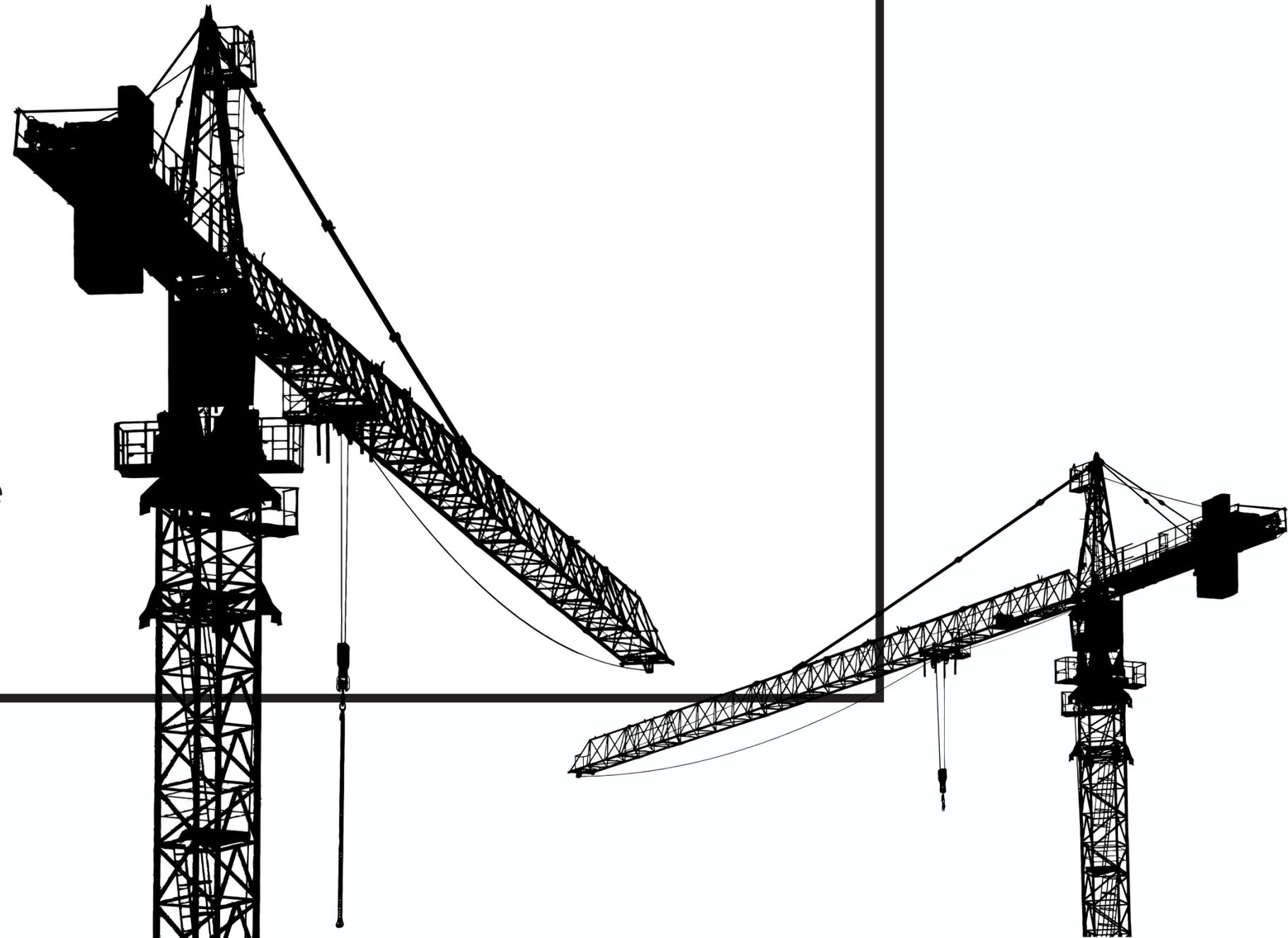
BEIT RAZAN

www.beitrazan.com



Overview

- About Us
- Our Goals
- Our Team
- Our Vision
- Services we offer
- Our Design Objectives
- Our Projects
- BIM Services
- Architectural Expertise
- Contact us



About Us

At Beit Razan, we excel in providing top-tier consulting services through innovative technology and a professional, sophisticated approach to surpass our clients' expectations, providing innovative and sustainable solutions for urban infrastructure with a focus on safety, cost effectiveness, and timely delivery



Our Goals

“To position Beit Razan as a global leader in engineering, providing innovative and sustainable solutions for urban infrastructure with a focus on safety, cost effectiveness, and timely delivery”

Our team



Dr Muhammad Fahad
PhD Structural
Engineering
State University of New
York USA



Dr Adeel Arshad
PhD Structural
Engineering



Architect Yaseen
25 years of designing
experience



Architect Sayed Siddiq
50 years of experience

Services we offer



Design of new structures



Evaluation, and repair of existing structures



Retrofitting of Structures



Architecture and Interior Design



Photo: Steel structure at Al Kharaj KSA

Our design objectives



01

Innovation

At Beit Razan we strive to design new structures in line with modern practices, incorporating sustainability in design, and ensuring reliability

02

Quality

Using the best engineering principles, a strong design team with years of experience and several projects under their belt, you can be sure that our structures design lasts the test of time, and performs well in all conditions.

03

Support

Beit Razan offers turnkey solutions for your structural needs, and ensure aftermarket support, rehab and corrective measures in line with industry standards.

We ensure



Functionality

We strive to ensure that the structure serves its intended function while maintaining safety standards while minimizing risks



Durability

To create a robust design that resists wear and tear, earthquakes, and high winds, while keeping maintenance costs low and extending life of structure



Regulatory Compliance

The structure must meet all relevant building codes, safety standards, and legal requirements.



ARCHITECTURE AND INTERIOR DESIGN

Beit Razan, where we bring your visions to life with precision and creativity. Our expertise in construction, architecture, and interior design ensures that every project is crafted to perfection, blending functionality with aesthetic excellence. Let us build spaces that inspire and endure.

Expert Solutions for Every Project



01

Architectural Design & Planning

Comprehensive architectural services, including conceptual design, site planning, and detailed architectural drawings.

02

Interior Design & Space Optimization

Customized interior design solutions that enhance the functionality and aesthetic appeal of residential and commercial spaces.

03

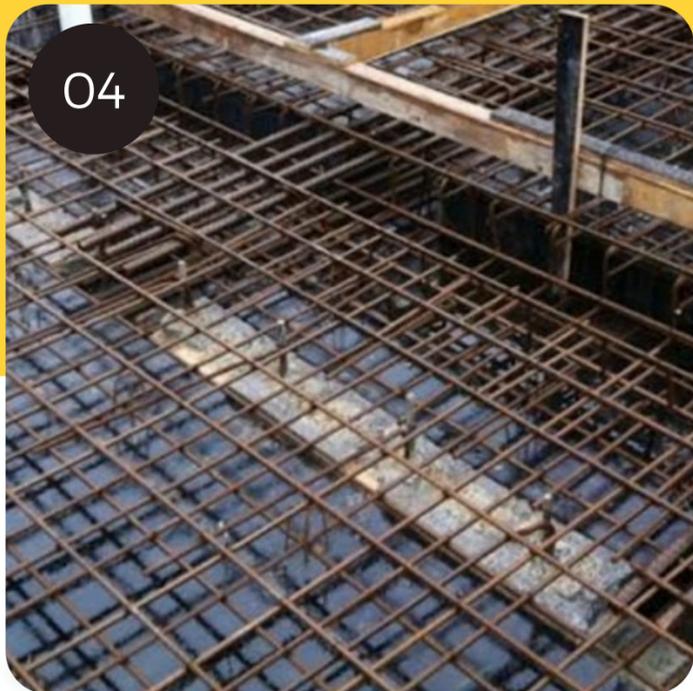
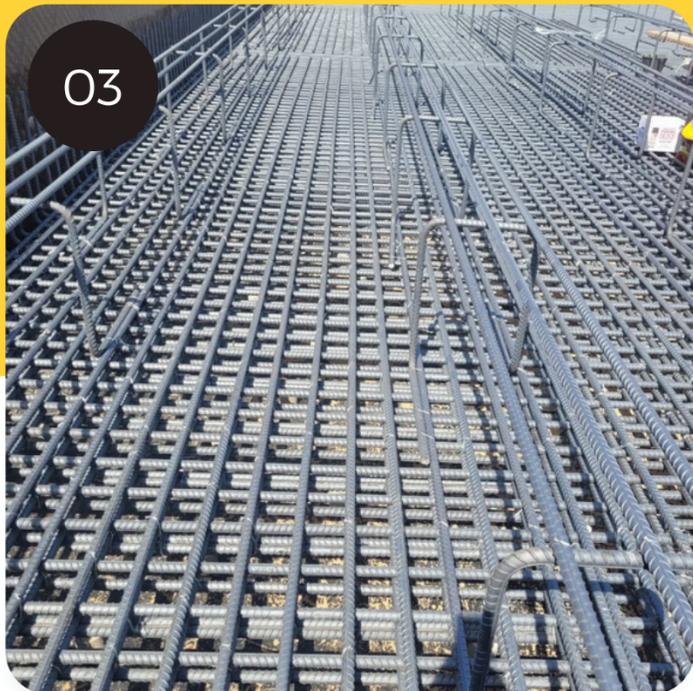
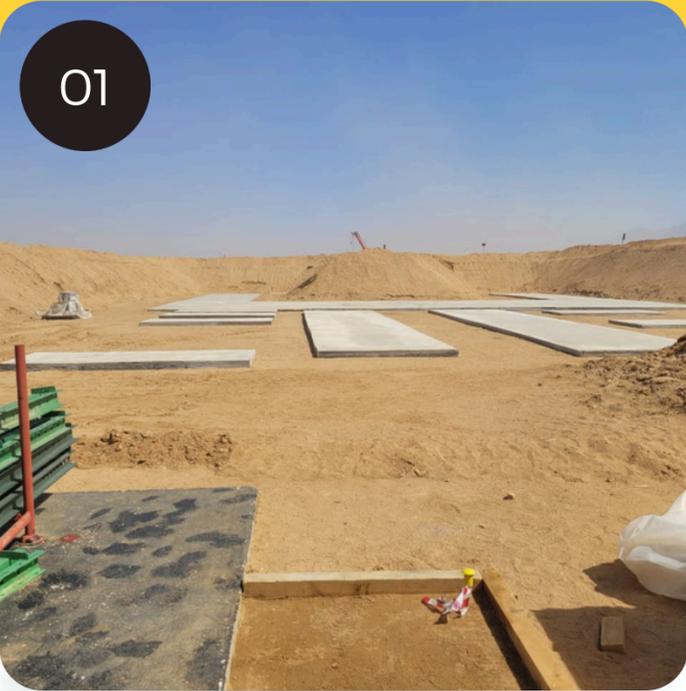
Renovation & Remodeling

Expert renovation and remodeling services, transforming existing spaces into modern, efficient, and stylish environments.



Our Projects

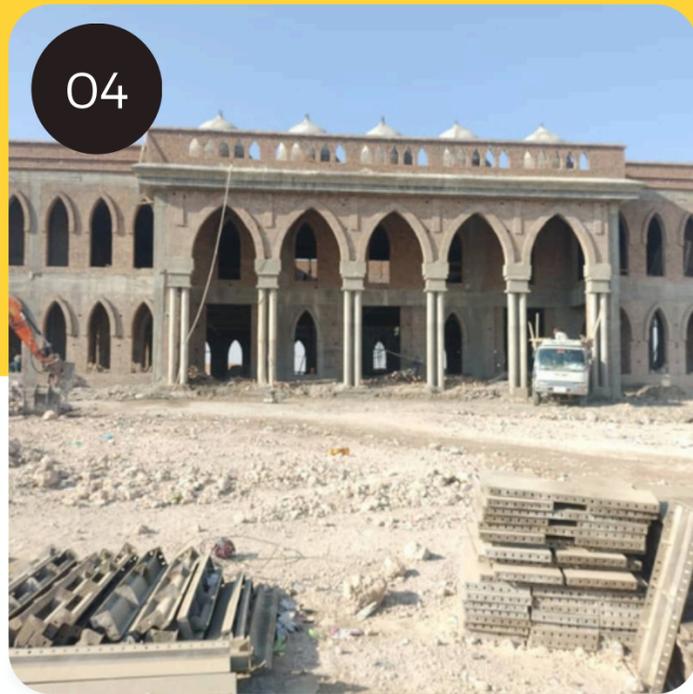
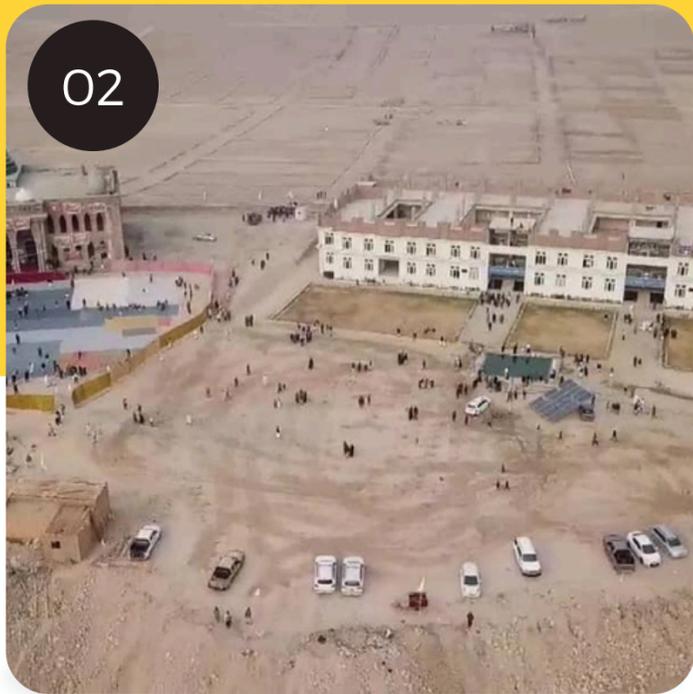
Steel Structures at Greater Neom Area KSA



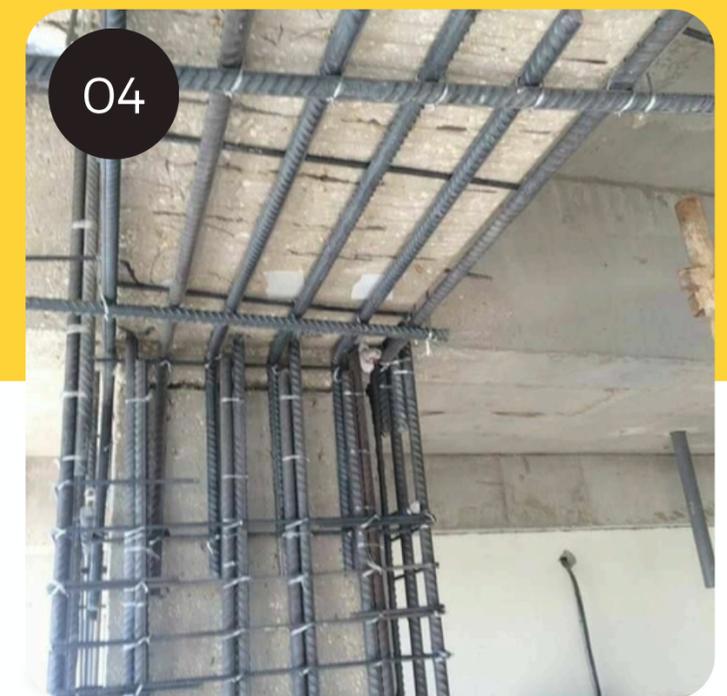
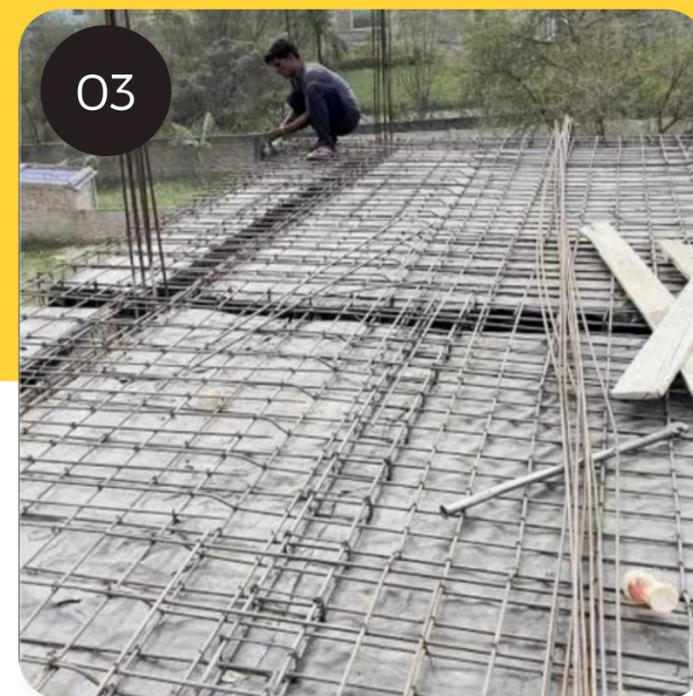
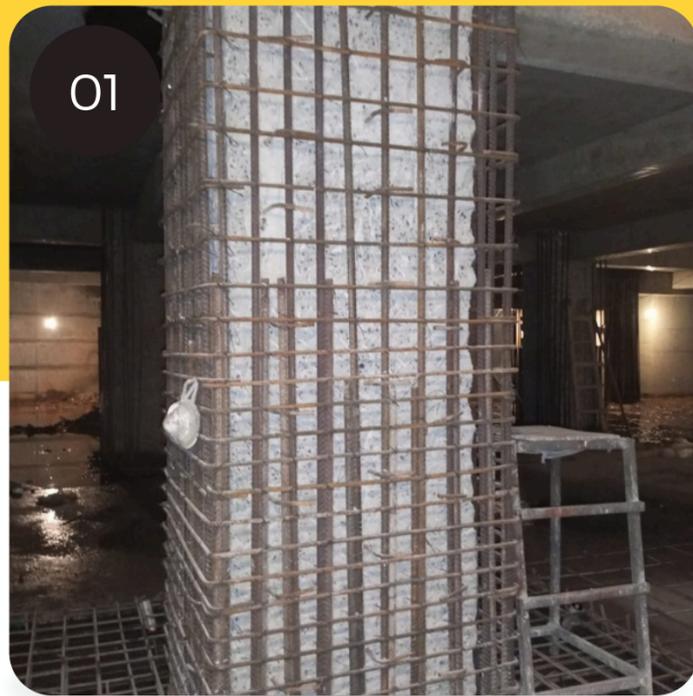
Furniture Industry at Al Kharaj, KSA



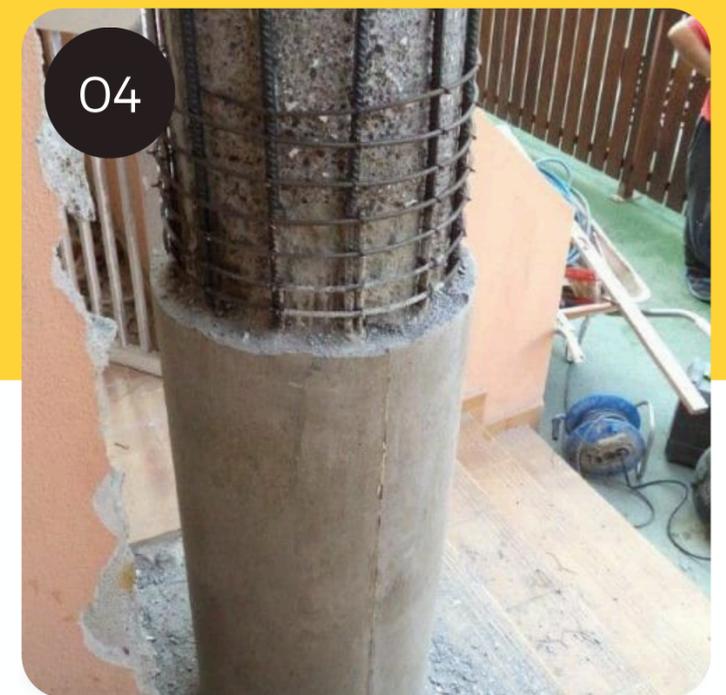
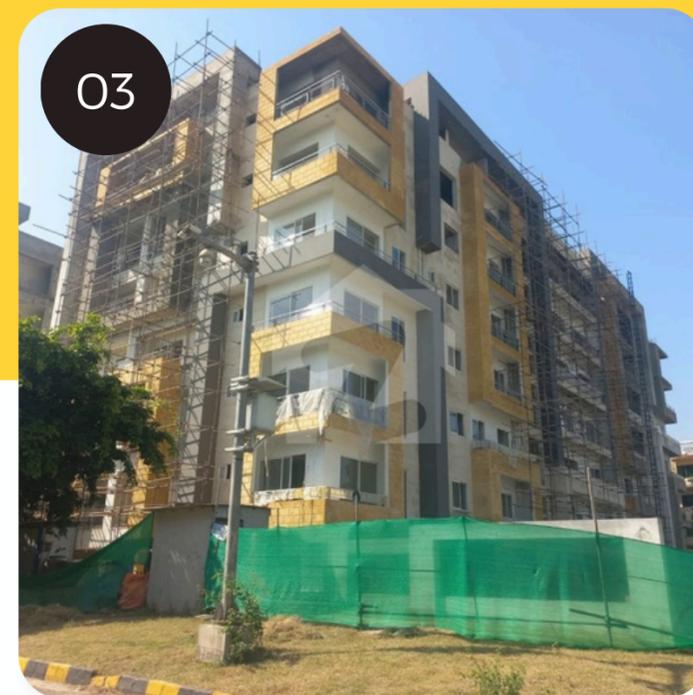
Structural and Architectural design of Masjid and Madrassa



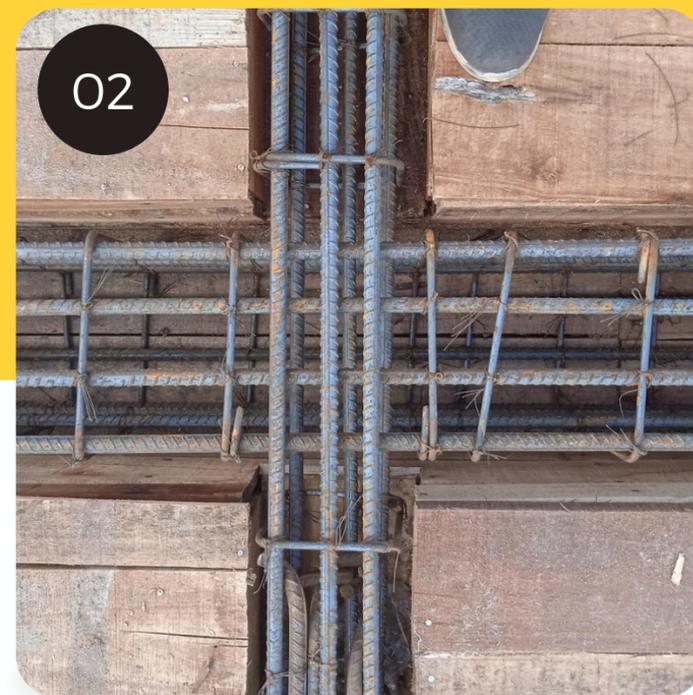
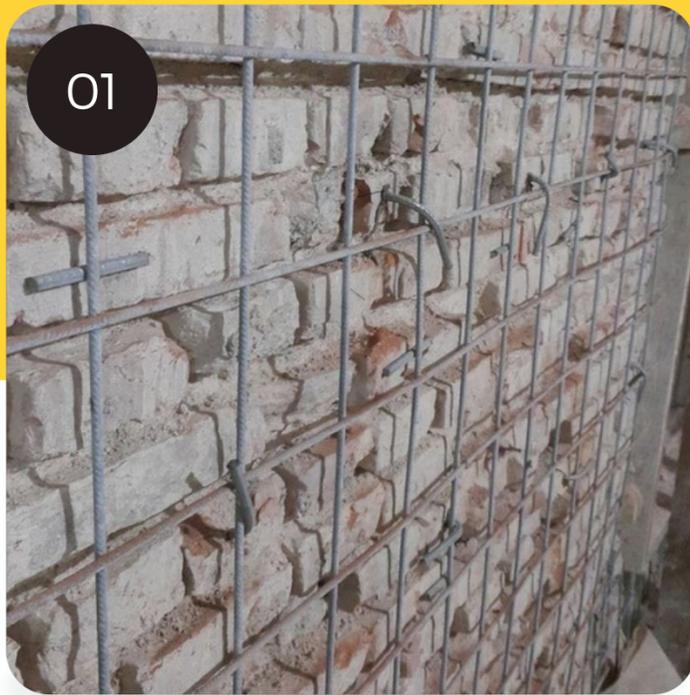
Structural health assessment and retrofitting of existing structures



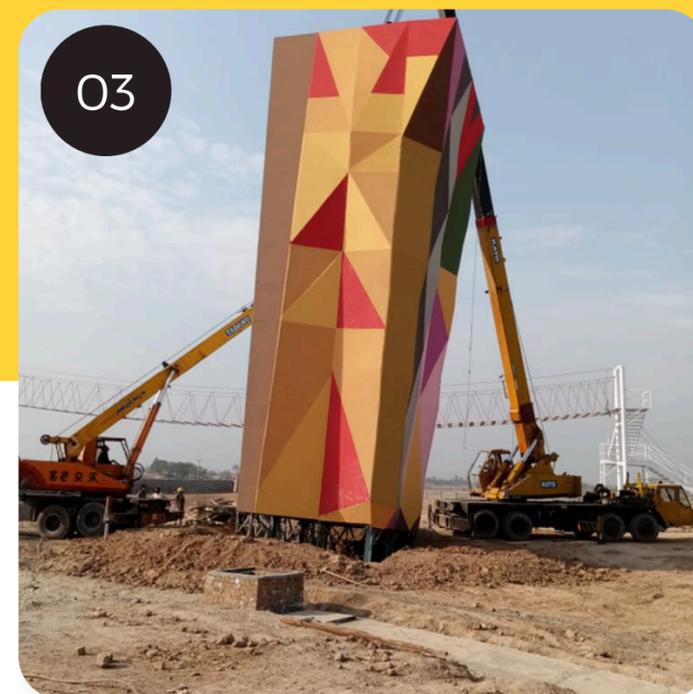
Structural and Architectural designing of apartment blocks



Architecture & Structural designing of Federal Public Service Commission Main Hall



Amusement Park at Defense Housing Authority



Hospitals Projects

Our Structural design team has successfully designed and supervised the construction of four hospital projects :

- Liaquat Memorial Hospital
- Hasanzai Hospital
- 150 Bed General Hospital, Hota, Sudhere, 200 Million SAR, Design and Supervision
- Al-Ankies 50 Bed Hospital
- Najran, 60 million SAR, Design and Supervision
- Ministry of Municipal and Rural Affairs Alghath, 40 Million SAR, Design and Supervision
- Bank ul Tasleef Almalaz, 100 Million SAAR, Renovation project, Design and supervision



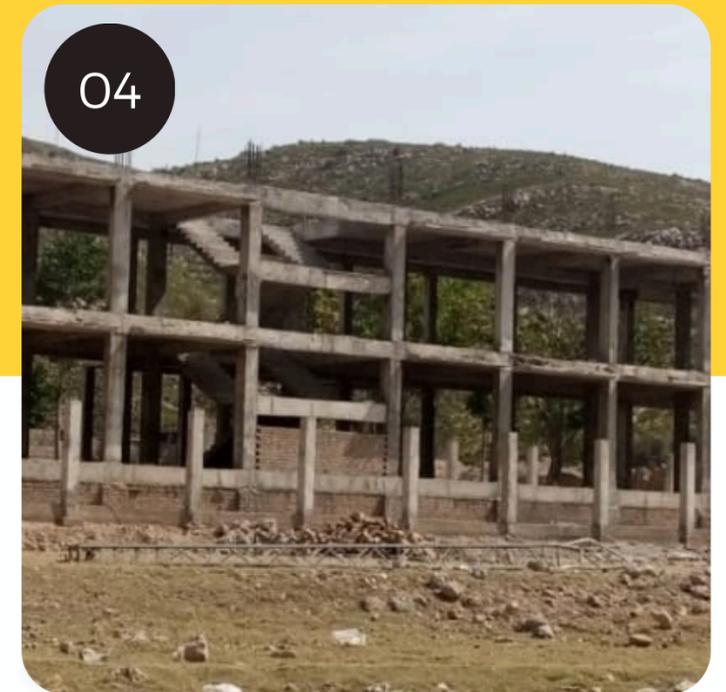
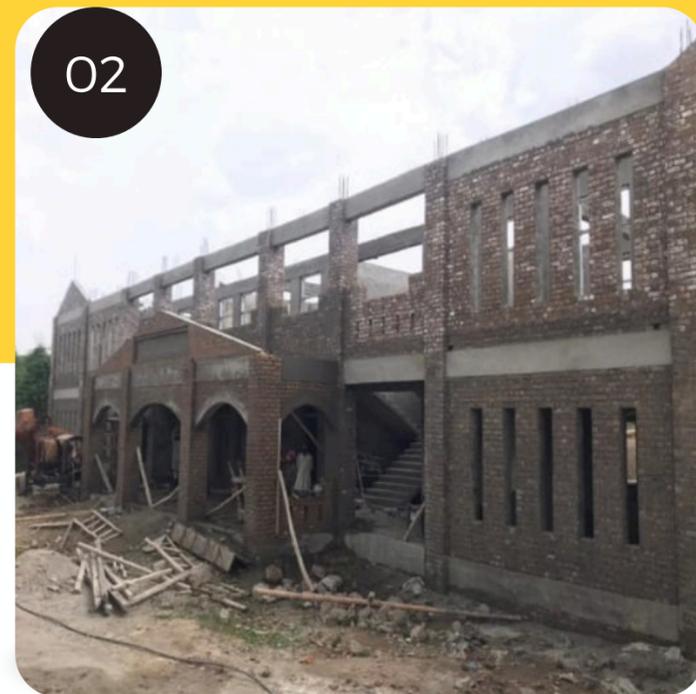
Liaquat Memorial Hospital



Structural designing of 200 bed Hospital



Construction and supervision of 120 school buildings



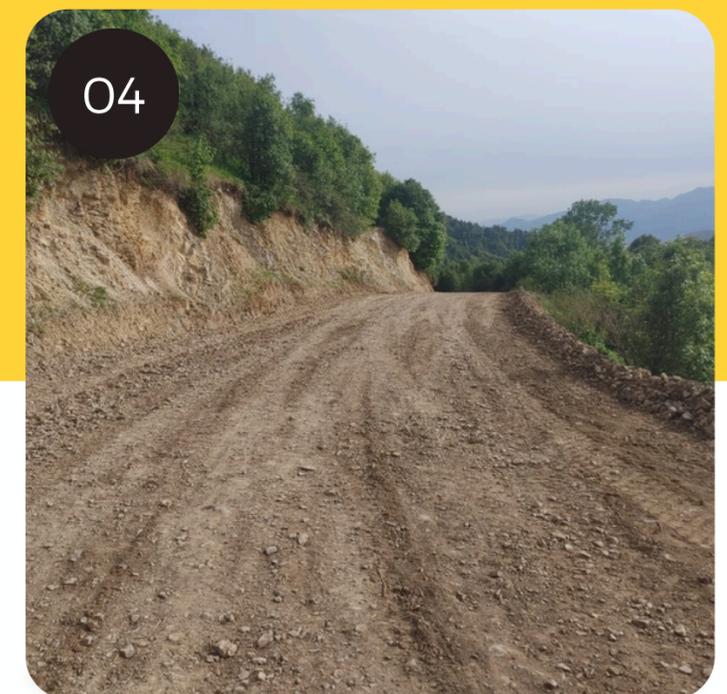
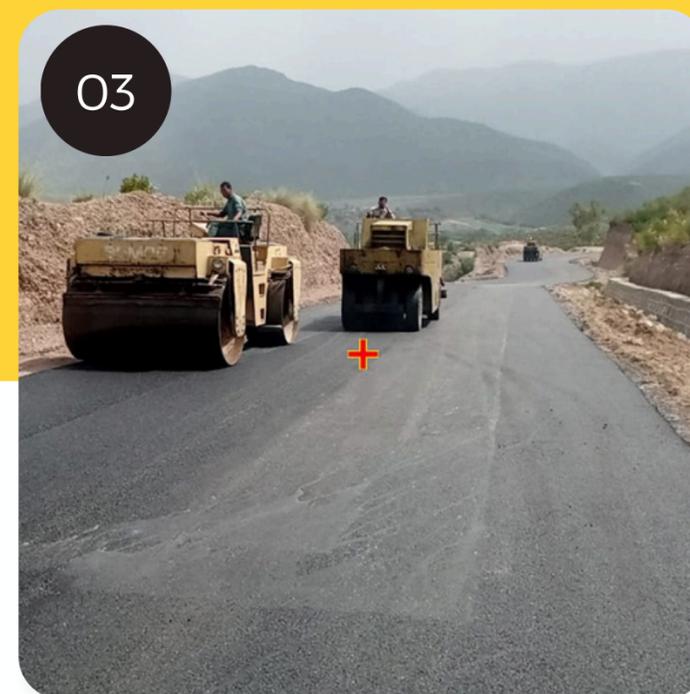
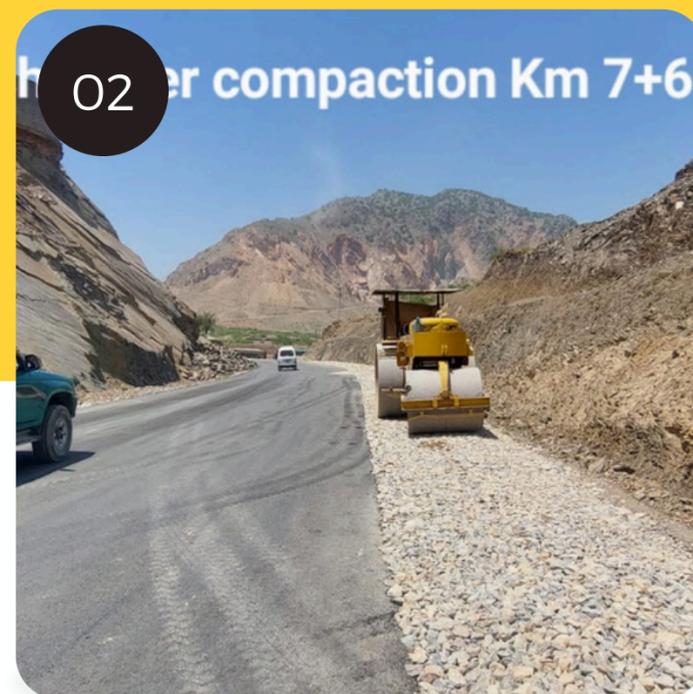
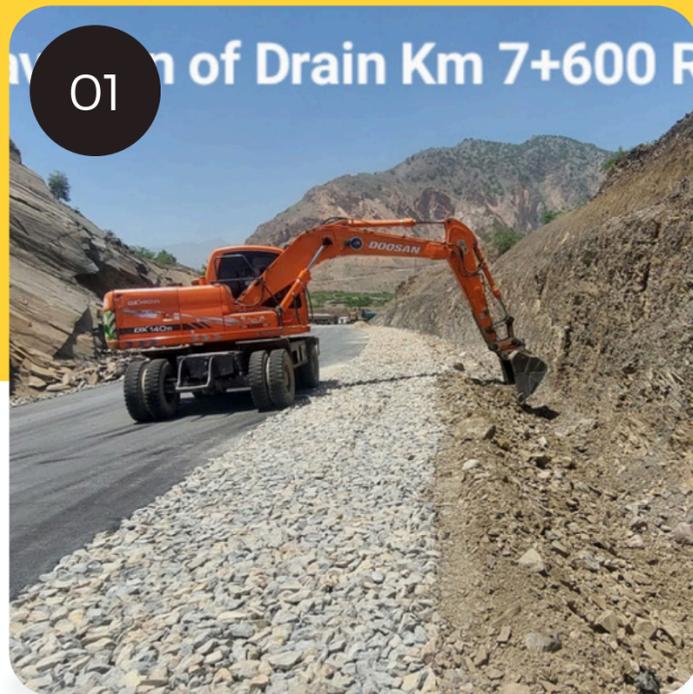
WBM top compaction at Km
6+700



**Our
Road
Projects**

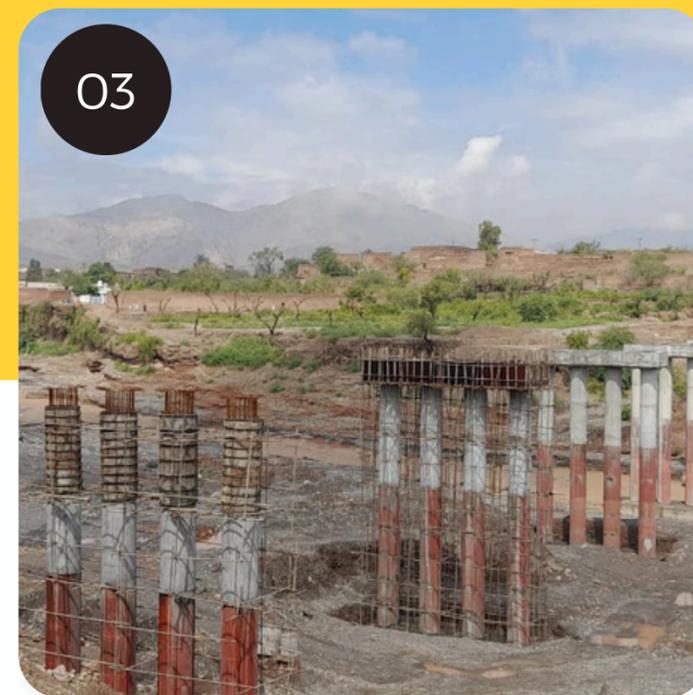
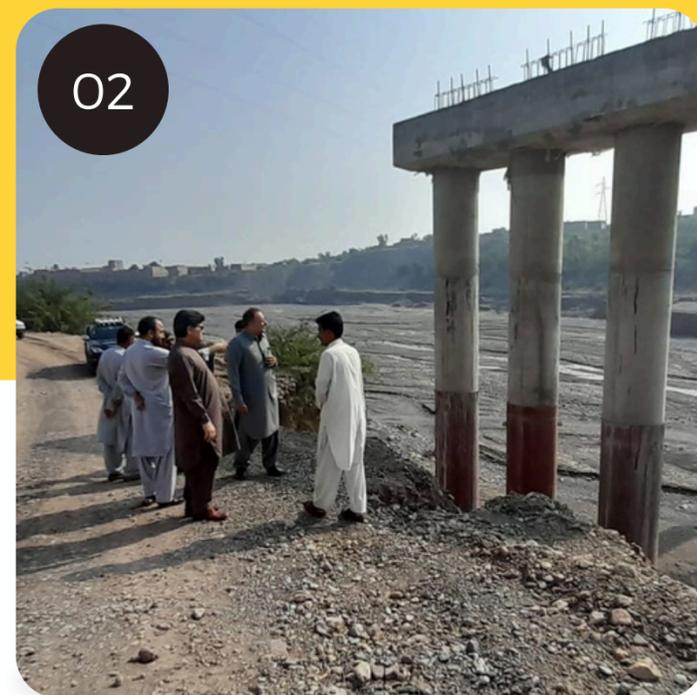
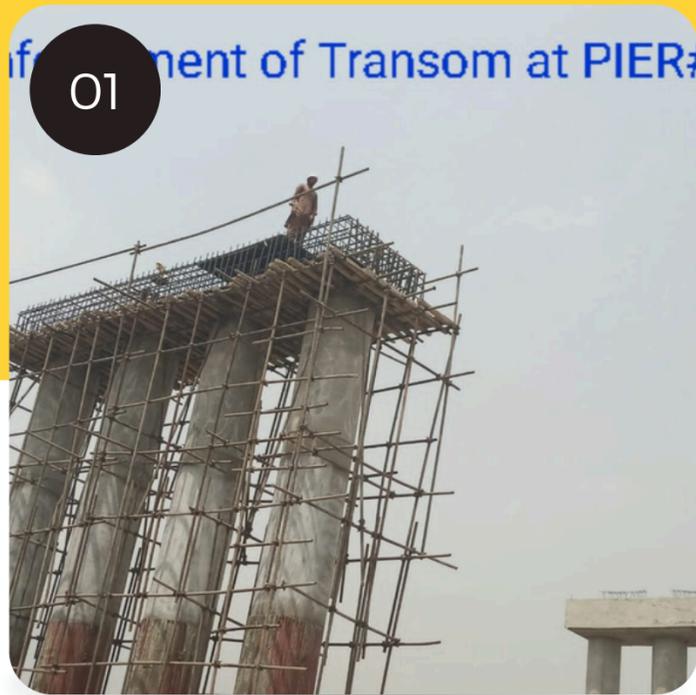


Design and alignment of roads





Design of 5 prestressed concrete bridges

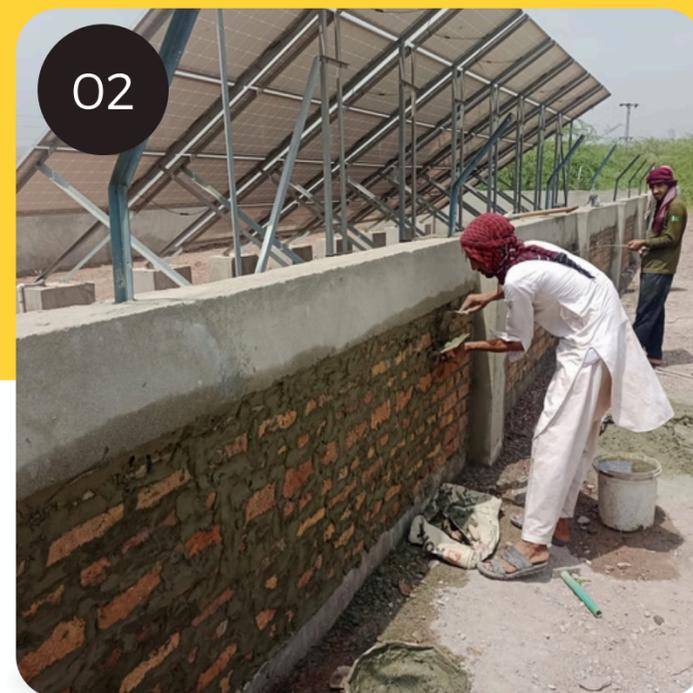




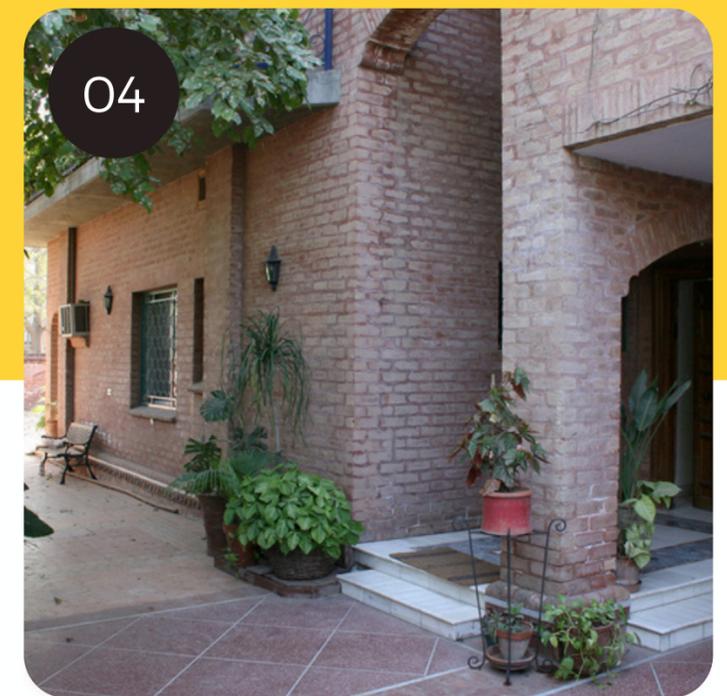
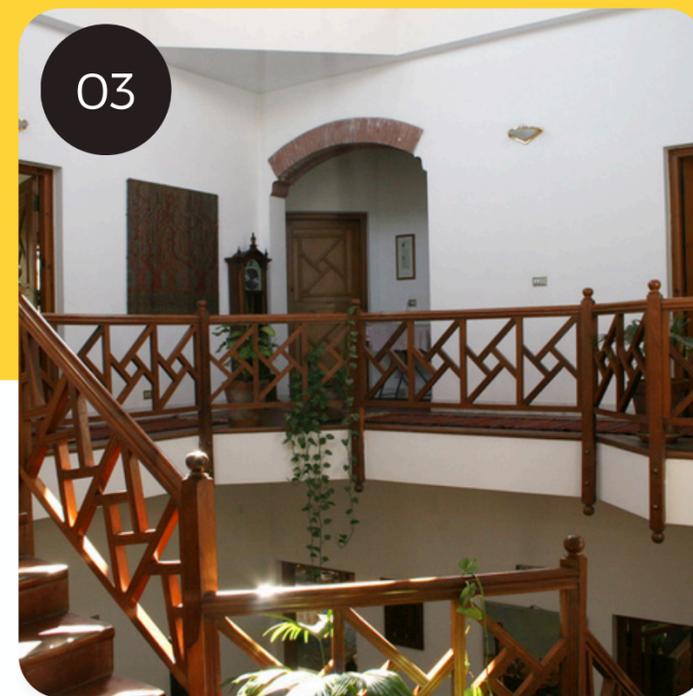
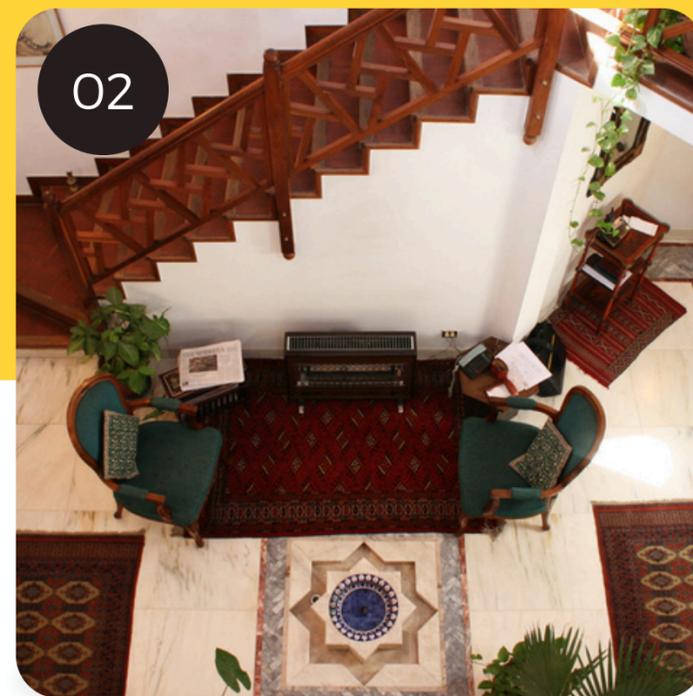
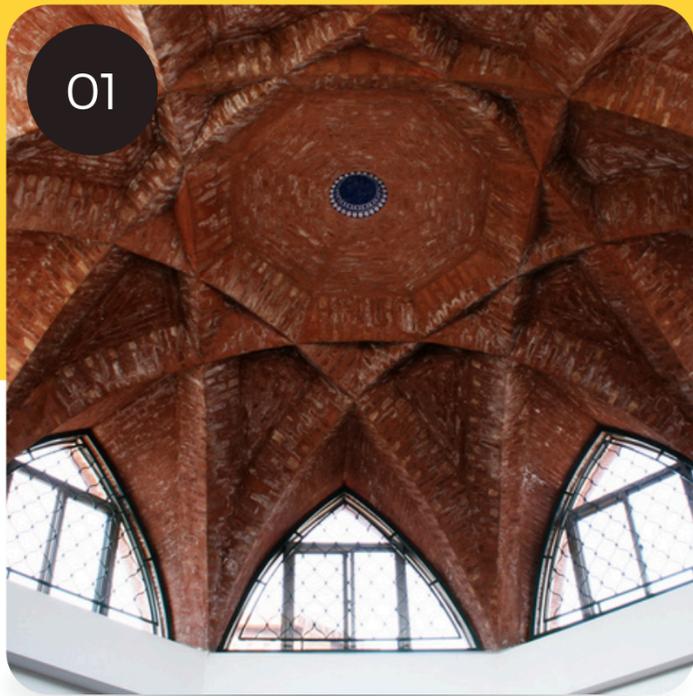




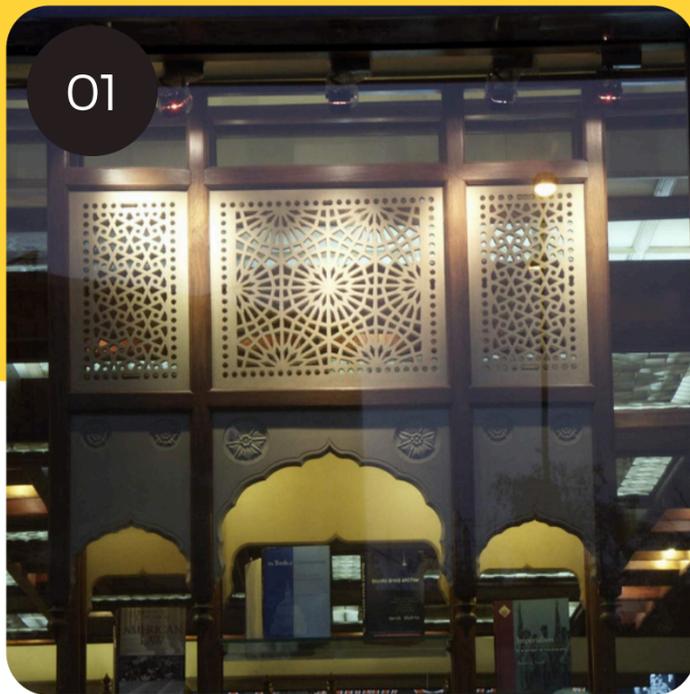
Designing of Solar Energy System



Residence planned around a central atrium with brick ribbed dome.



Oxford University Press building Interior Design



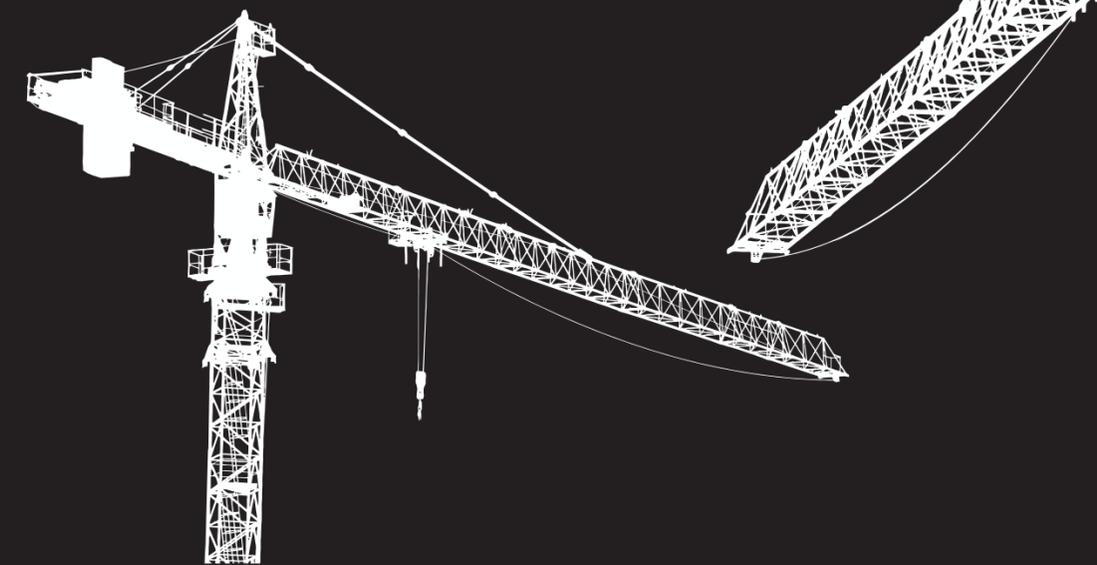


What is BIM?



Building Information Modelling

Building information modeling (BIM) is the digital transformation in the architecture, engineering, and construction industry.



Benefits of BIM

Improved collaboration

Multiple stakeholders (architects, engineers, contractors, etc.) can work on the same model simultaneously, making it a single source of truth. Changes made by one party are reflected for everyone, reducing errors and miscommunication.

Conflict resolution

BIM allows for clash detection, where the software identifies and resolves potential conflicts before construction begins. Real-time updates reduce design conflicts.

4D, 5D, and Beyond

4D BIM integrates construction schedule into the model, helping project managers visualize the construction sequence and manage time. 5D BIM adds cost data, allowing for more accurate budgeting and cost management throughout the project's lifecycle.

CAD to BIM services

We can convert 2D CAD drawings to data rich 3D models, that ease visualization of building design and demonstrate the functions of the buildings services efficiently

BIM SERVICES

BIM CONTENT

- 2d to 3d conversion
- CAD to BIM
- Adding detailed properties

SCAN TO BIM

- Data formulation
- CAD TO BIM migration
- Analysis and Verification

3D VISUALIZATION

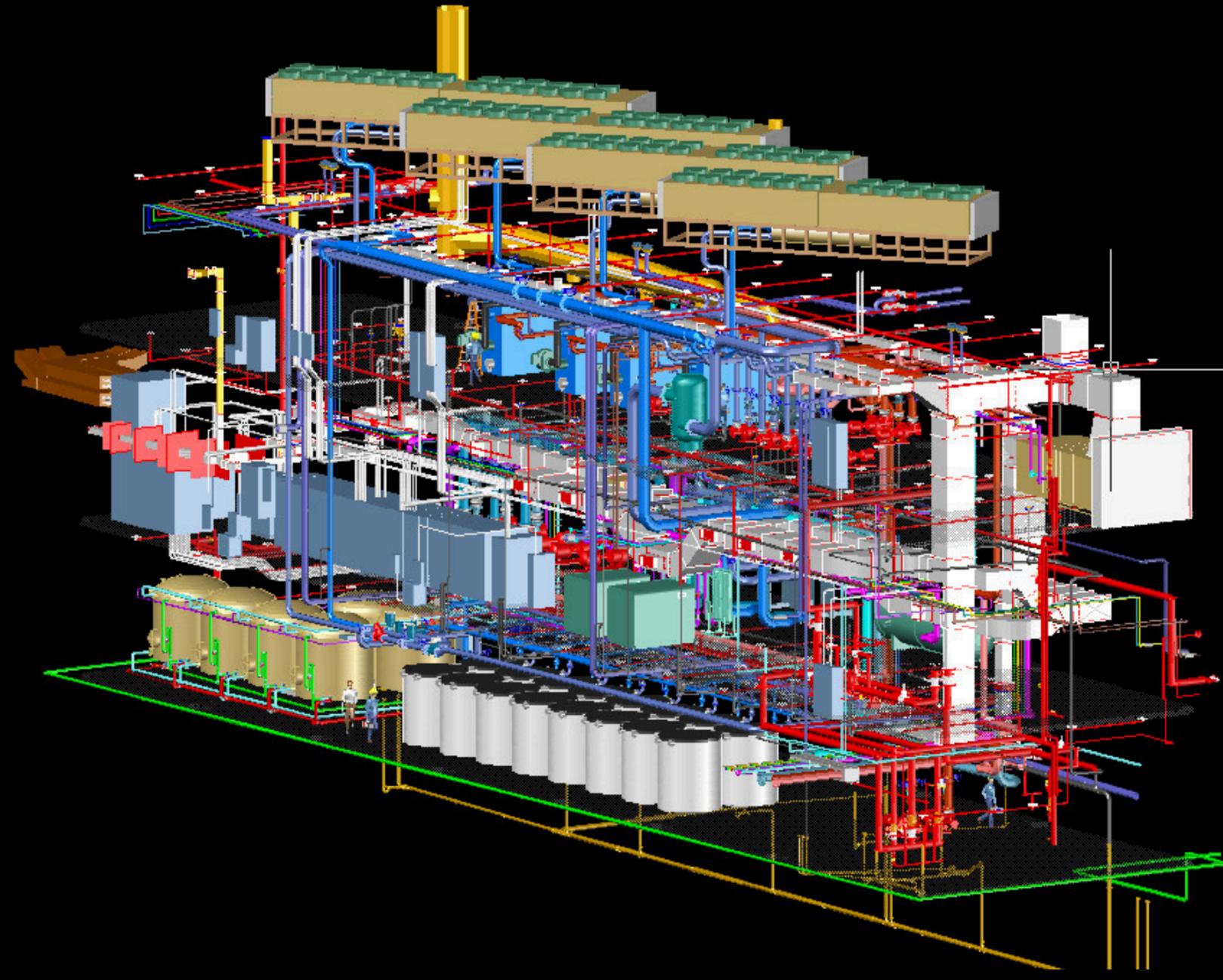
- Videos
- Animations
- Virtual Tours
- High Resolution Images
- Level of detailing (LOD) of 200, 300, 400 and 500

Facilitations

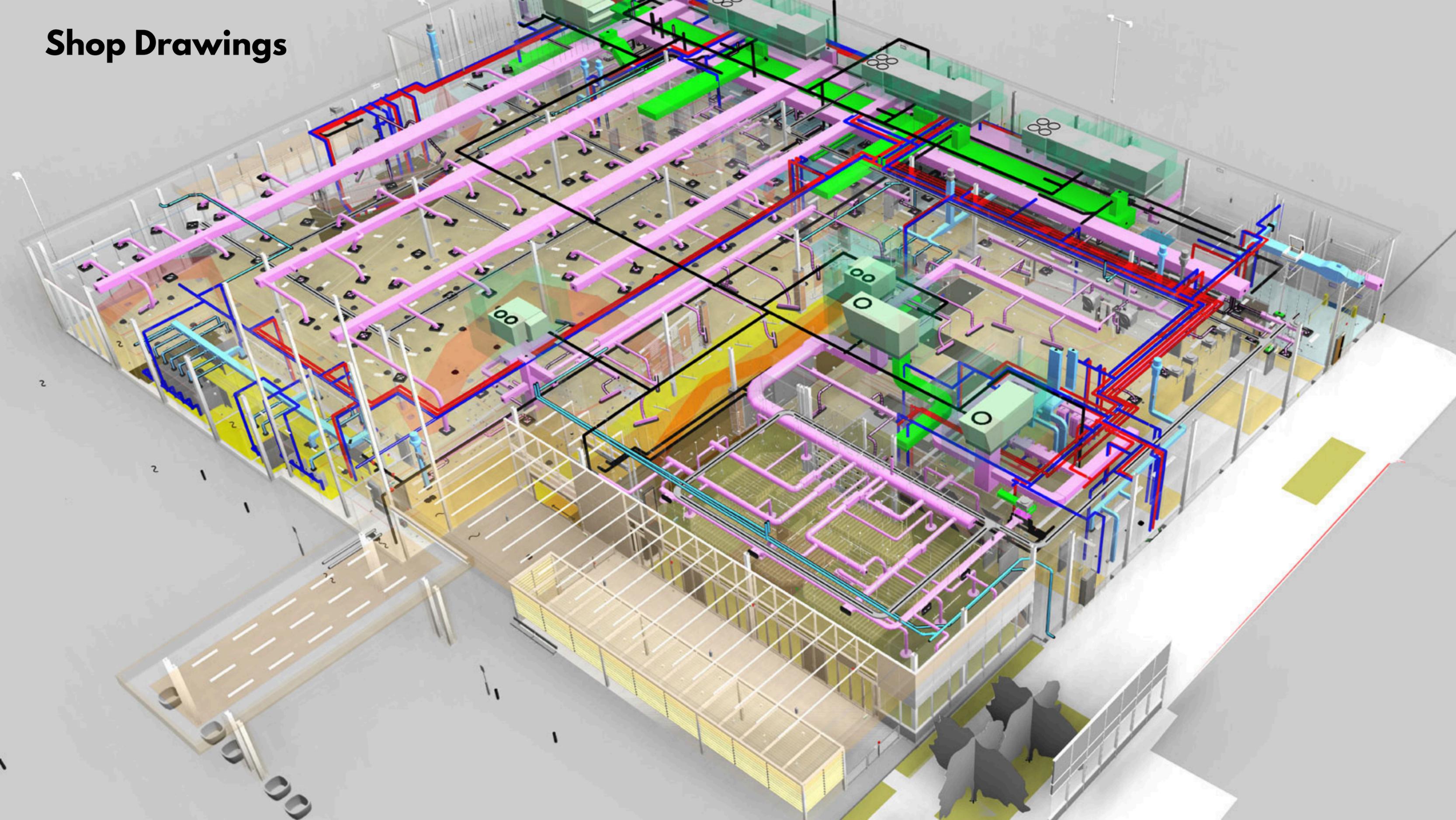
As well as complete building design, we assist our client by ensuring cost effective, and timely delivery. Utilizing the industry best practices and modern softwares such as BIM 360, Revit, NavisWorks, and ACAD. Our BIM Engineering services include:

- Conversion of 2d to 3d
- Architectural drafts to Revit models
- Life cycle models of building plans
- Object mapping

Our BIM engineers are highly professional and trained to tackle even the most challenging tasks, sketches, layouts and blueprints and convert them to BIM models.



Shop Drawings





Beit Razan

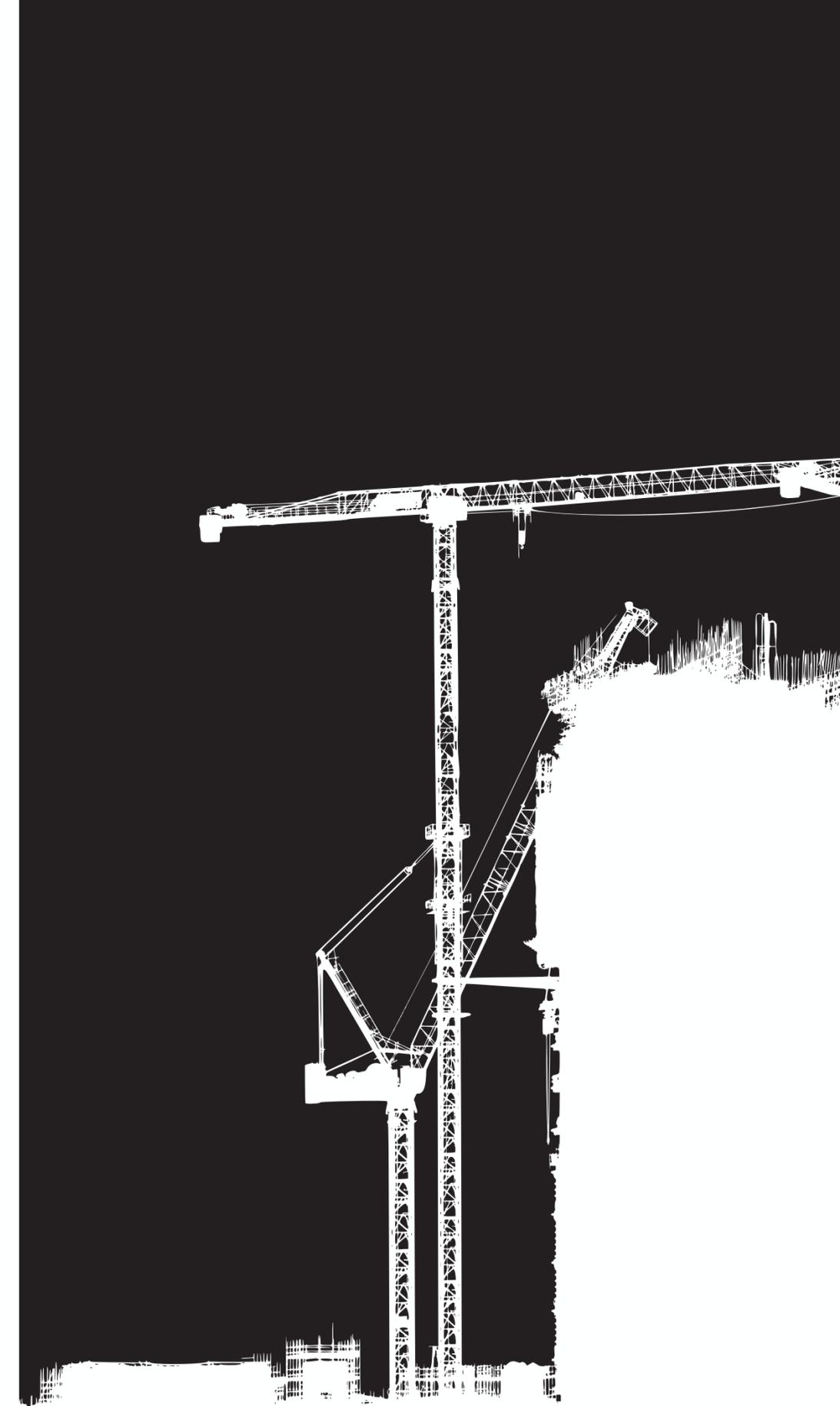
Contact us

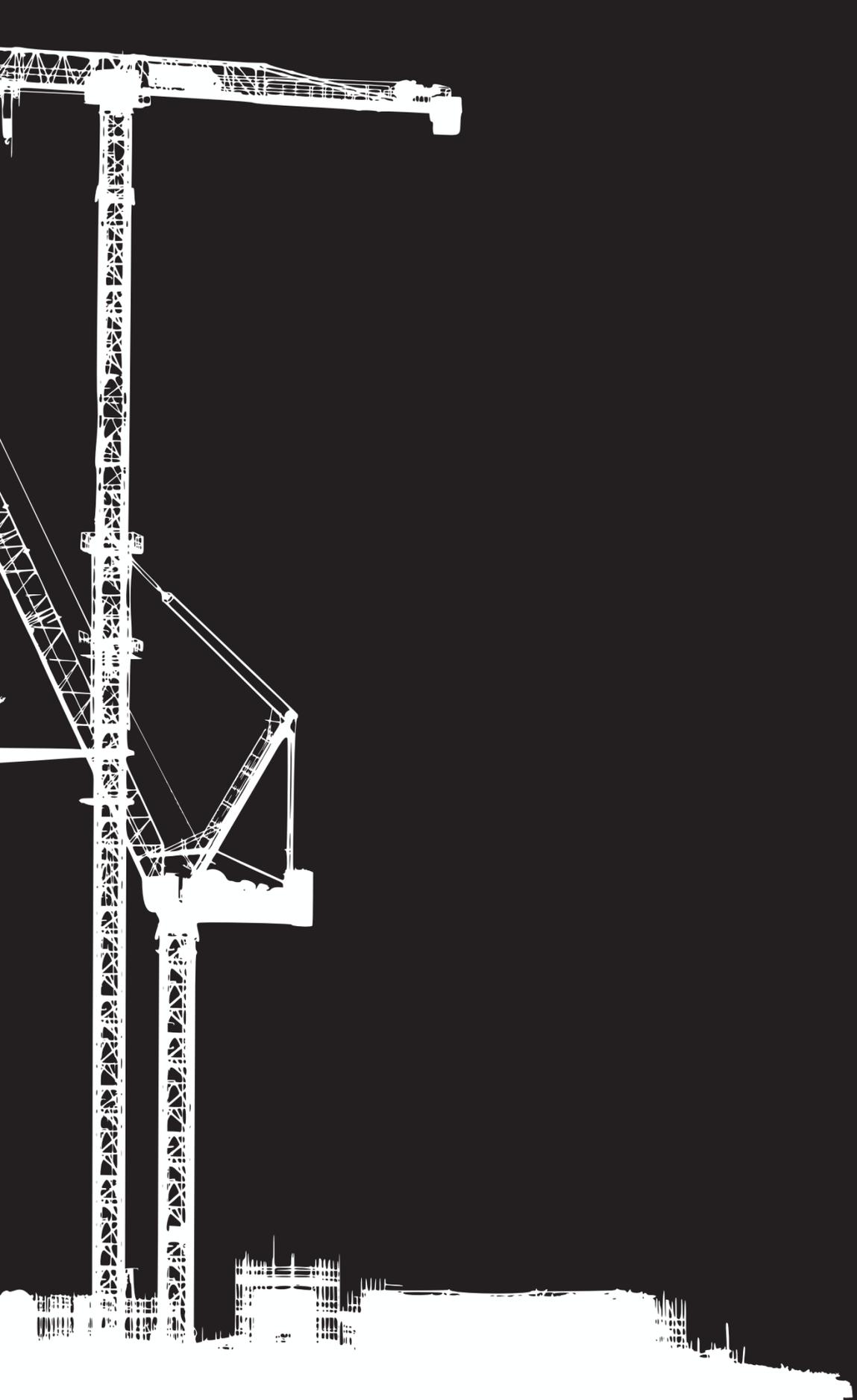


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Thank you

