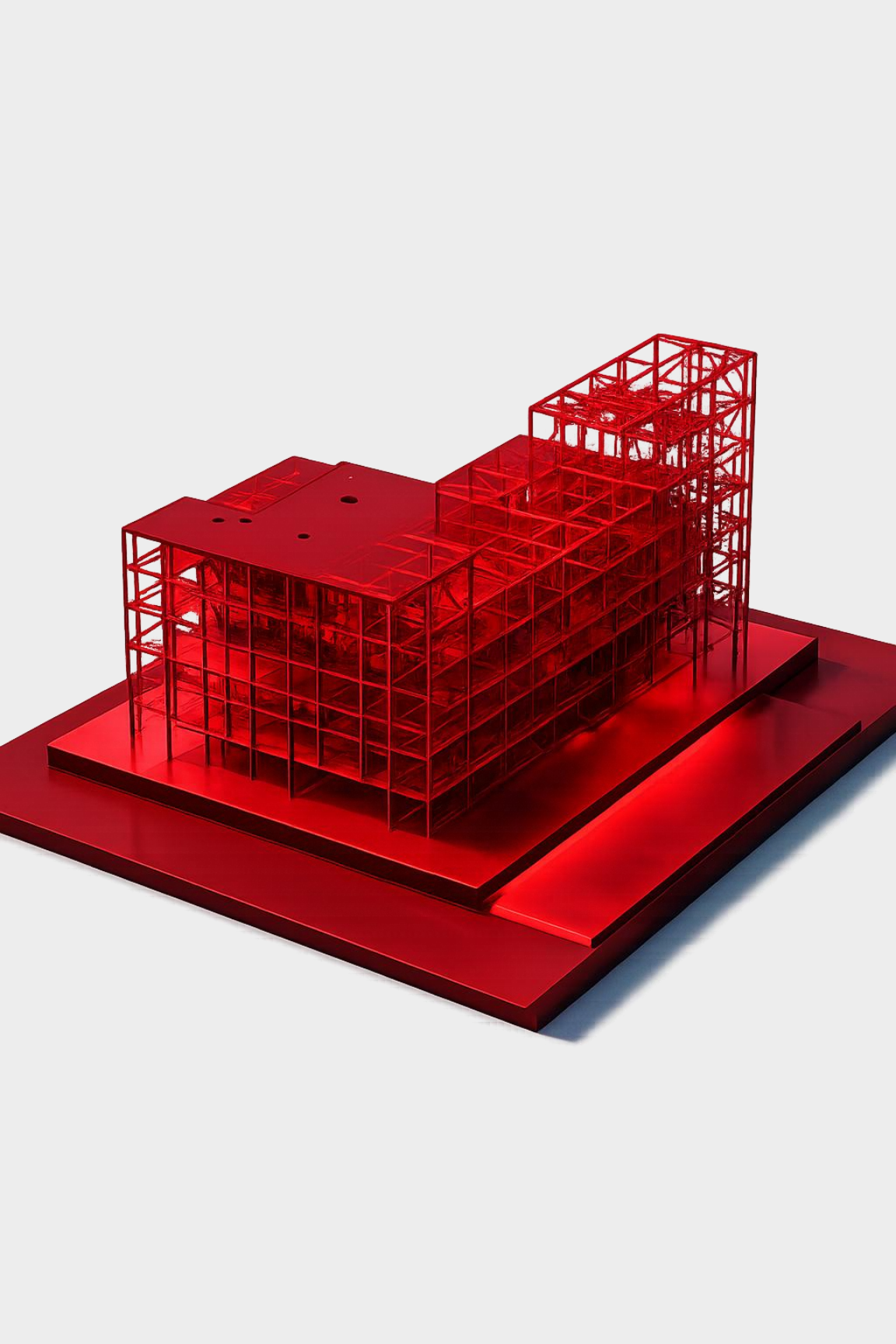


FormX
CONSULTANTS
DESIGN | ENGINEERING



WHERE VISION TAKES FORM

A dynamic team of enthusiastic structural engineers and designers, dedicated to crafting spaces that are not only robust and functional but also inspire creativity and innovation. We seamlessly merge technical proficiency with practical wisdom to create structures that prioritize safety, efficiency, and alignment with architectural vision and user requirements.

Structural Integrity

Design safe, reliable Structural systems

Technical Expertise

Apply engineering principles and best practices



Functional Design

Create spaces that meet user needs

Collaborative Insight

Integrate architecture and practical feedback

Our Services

High-Rise Structures & Residential

We specialize in resilient high-rise and residential design, delivering safe, innovative, and resource-optimized structures that elevate the urban experience.

Industrial Projects

Crafting robust and efficient manufacturing facilities customized to your unique operational requirements, prioritizing safety and sustainability at every stage.

Institutional & Commercial

Facilities such as schools, hospitals, and office buildings designed to optimize usability and structural integrity while maintaining aesthetic appeal.

Strengthening & Retrofitting

Revitalize current structures to fulfill new functional needs, strengthen them with cutting-edge standards, and prolong their lifespan using inventive reinforcement methods and materials.

We also assist with quantity estimation, construction support, and coordination for seamless execution.

At **FormX**, we don't just design structures — we craft lasting solutions that reflect stability, creativity, and precision. Always open to fresh ideas and complex challenges, we believe every structure has a story and we're here to engineer it right.

Our Services

Structural Design

Structural design as per Indian codes. we also, undertake design as per ASCE standards.

Value engineering with comprehensive solutions ensuring safety is key to our design philosophy.

Preliminary working with the industrial and Residential sector.

Structural design of Industrial Structures including foundation system, Grade slab, shed with multiple cranes, pipe rack, and heavy industrial process plants. Also, non-plant buildings with water tanks, STP, WTP and Compound wall

Structural design of High-rise buildings and Bungalows

Tekla Detailing with quantity estimation.

Architectural Design

Design of Building compliance with local bylaws and regulations.

Functional design with exemplary esthetics within budget is our strength.

Design of High-rise Residential buildings and bungalows.

Planning and design of manufacturing process units colinear with process layout complying with controlled environment requirements,

Interior design with high-resolution 3D rendering and walkthrough animation

Design of office buildings, utility buildings, Entrance complex, and compound walls incorporating concepts of basic Vastu,

Bungalow Project

Jignesh Patel Bungalow

Surat, Gujarat

Total Area

5300 sq. ft.

No of Floor

G + 1

Services Provided

Structural Design

Description

The 7BHK bungalow combines a contemporary architectural form with a carefully planned structural system. The design provides spacious interiors, and large room spans while maintaining structural efficiency and accommodating the architectural requirements.



Corporate House Project

Corporate House

Ahmedabad, Gujarat

Total Area

24,000 sq. ft.

No of Floor

G + 2

Services Provided

Structural Design

Description

The corporate house features a contemporary G+2 design with expansive glass façades, open office spaces, and a prominent vertical feature tower. The structural design was developed to support the large openings and modern architectural form while maintaining stability and efficiency.



High-Rise Structures & Residential Projects

Residential Apartment Project

Pune, Maharashtra

Total Area

80000 sq. ft.

No of Floor

G + 2C + 12

Services Provided

Structural Design

Description

A high-rise residential development designed with efficient floor planning, spacious apartments, and large projecting balconies. The structural system was planned to accommodate the building height, architectural features, and parking requirements while ensuring stability and structural efficiency.



Residential Projects

Residential Apartment Project

Bengaluru, Karnataka

Total Area

1,65,000 sq. ft.

No of Floor

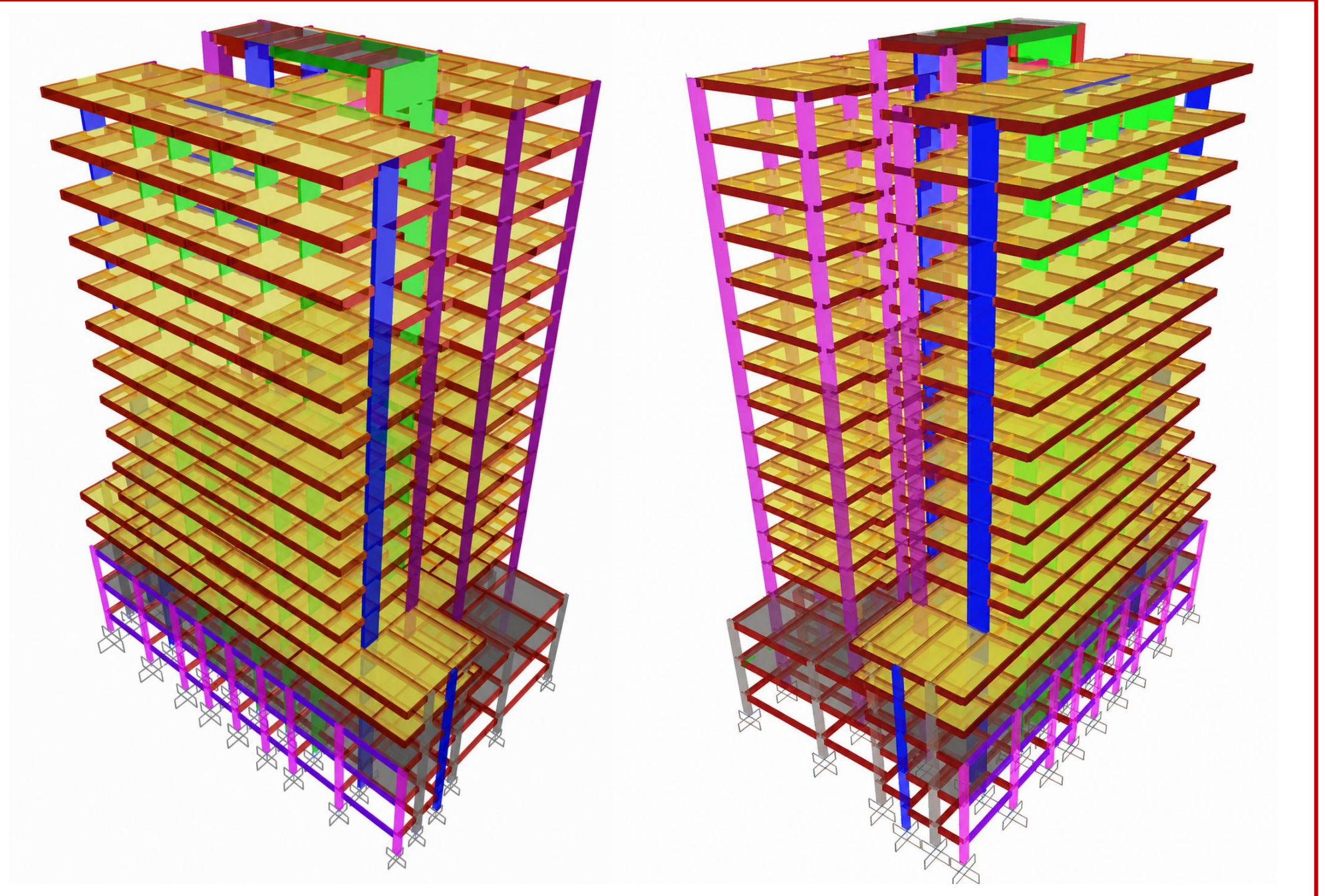
2 Basement + Ground + 13 Floors

Services Provided

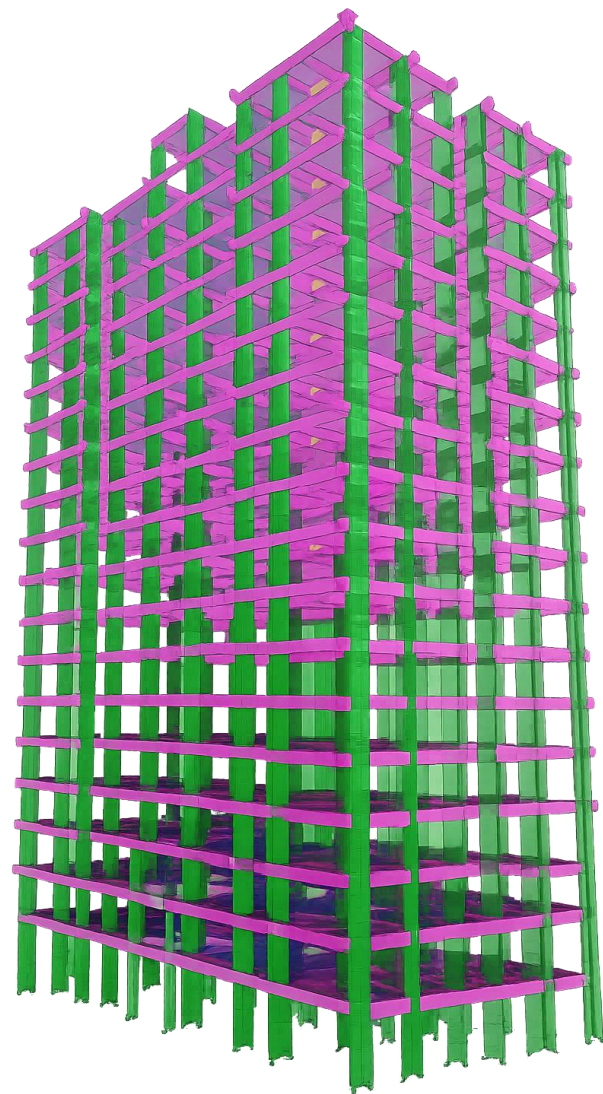
Structural Design with
Report

Description

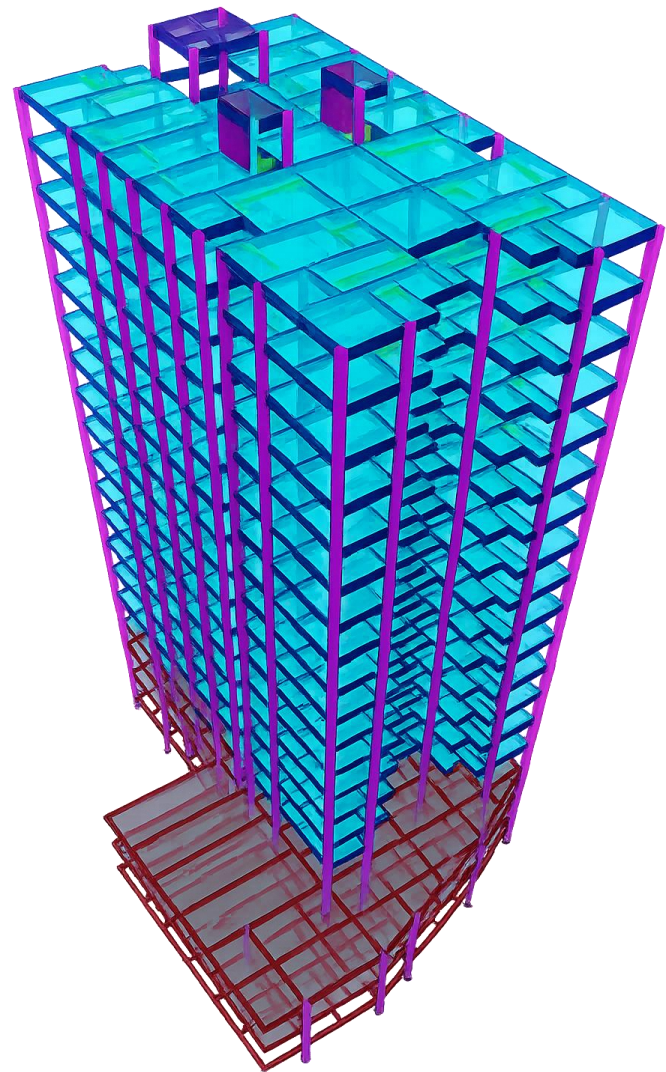
A high-rise residential tower featuring a reinforced concrete structural system with two basement parking levels and premium residential floors. The structural design was optimized for seismic performance, efficient load transfer, and economical member sizing while ensuring occupant comfort and compliance with the latest Indian Standards.



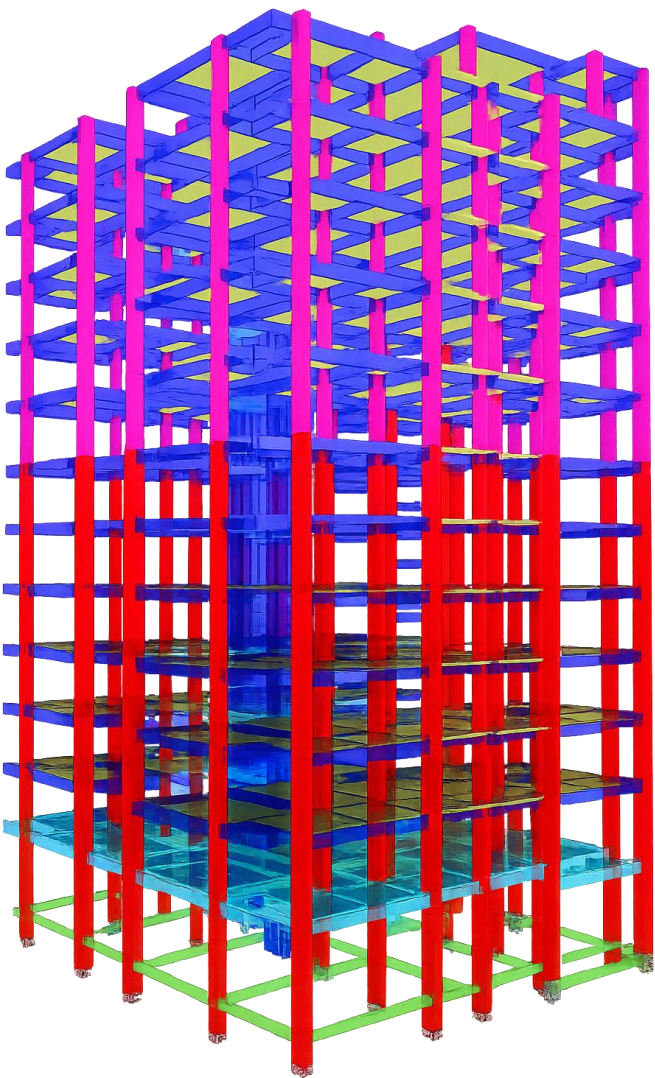
Residential Projects



Location: Pune, Maharashtra
Total Area : 1.25 lakh sq. ft.
No. of Floors : 2B + G + 4C + 13R



Location: Bengaluru, Karnataka
Total Area : 1.4 lakh sq. ft.
No. of Floors : 2B + G + 3C + 13R



Location: Surat, Gujarat
Total Area : 1.3 lakh sq. ft.
No. of Floors : 2B + G + 4C + 12R

Hostel Building Project

Hostel Building

Surat, Gujarat

Total Area

32,000 sq. ft.

No of Floor

G + 5

Services Provided

Structural Design

Description

A G+5 hostel building designed with a reinforced concrete structural system and efficiently planned repetitive accommodation spaces. The structural design was optimized for regular load distribution, serviceability, and economical member sizing while accommodating the architectural layout and circulation requirements.



Corporate House Projects

Corporate House

Ahmedabad, Gujarat

Total Area

22,000 sq. ft.

No of Floor

G + 3

Services Provided

Structural Design

Description

A contemporary corporate office building designed with spacious work areas, extensive glazing, and landscaped terraces. The structural system was planned to accommodate open office layouts, large façade openings, and architectural features while ensuring stability, functionality, and efficient structural planning.



Industrial Projects

PEB WAREHOUSE

Kheda, Gujarat

Total Area

120000 sq. ft.

No of Floor

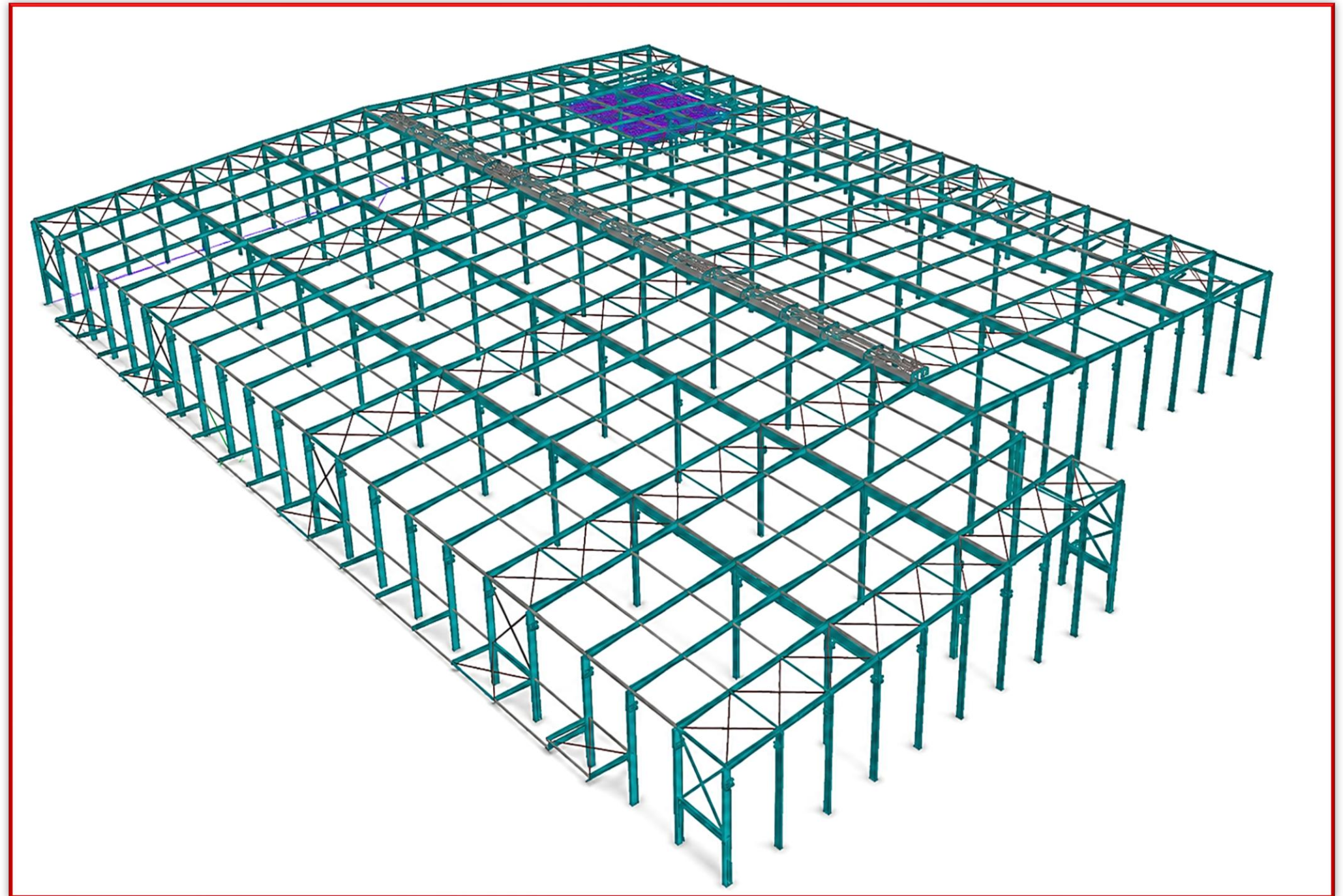
Mezzanine + Roof

Services Provided

Structural PEB Design

Description

A large-span PEB warehouse designed with an integrated mezzanine and heavy-duty structural framing. The system accommodates industrial operations, equipment loads, and service requirements while maintaining column-free working spaces and efficient steel member design.



Industrial Projects

Conveyor Gallery

Sughd region ,Tajikistan

Total Area

8000 sq. ft.

Structure Detail

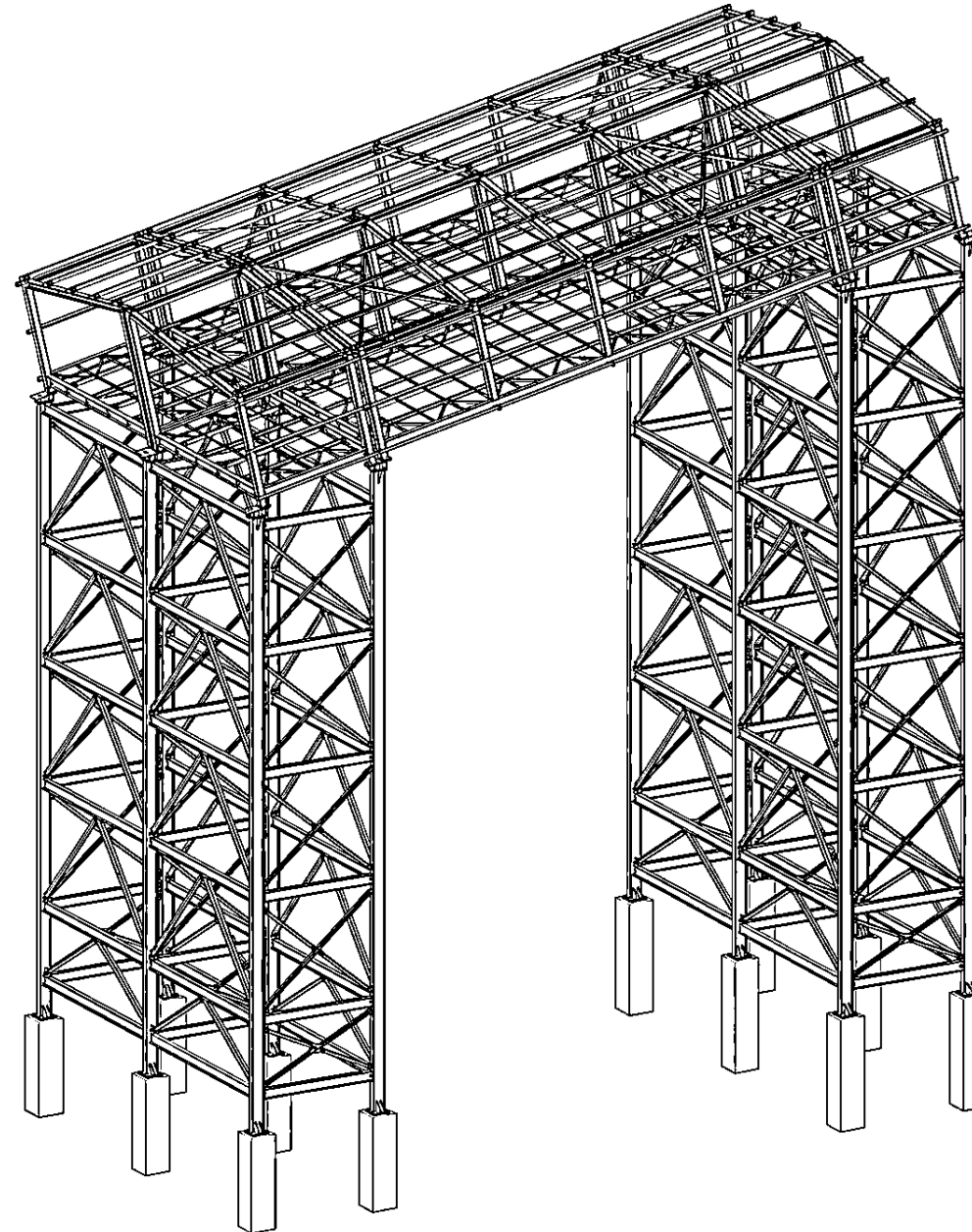
Length : 70 m , Width : 10 m

Services Provided

Steel Conveyor Gallery

Description

A 70 m long steel conveyor gallery designed for industrial material handling, featuring robust framing for conveyor equipment, access platforms, walkways, and roofing. The design addresses equipment, wind, seismic, and operational loads while ensuring stability and efficient steel utilization.



Café Project

Café Shop

Saudhi Arabia

Total Area

3500 sq. ft.

No of Floor

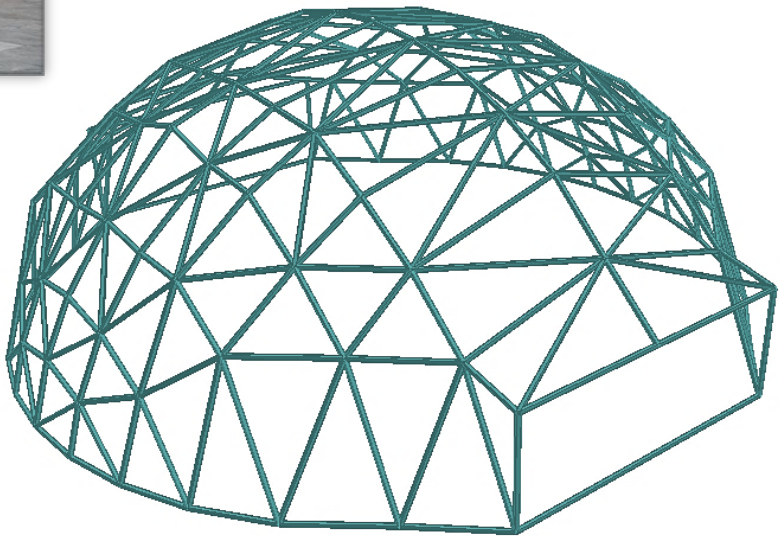
Ground + mezzanine

Services Provided

Structural Design

Description

A lightweight geodesic dome structure designed for a café space, featuring a triangulated steel framing system and transparent façade. The structural design focused on efficient load distribution, stability, and economical member sizing while maintaining the distinctive architectural form.



Specialized Projects

Renovation & Strengthening

Structural assessment and strengthening design for existing structures:

- NDT testing to determine material condition
- Beam-jacketing and column strengthening
- Load reassessment for additional usage
- Steel Structure strengthening

Solar Panel Mounting

Structural vetting for rooftop solar installations:

- Wind uplift checks as per IS 875 Part 3
- Panel frame anchorage design
- Load transfer analysis for interior finishes

Water tank design

Industrial Manufacturing facility at Valsad

G+3 RCC + Steel manufacturing facility, with steel removable mezzanine floor at 2nd level.

Pre-Engineered Warehouse

Logistics facility in Vapi with foundation detailing is ongoing with vendor coordination for PEB superstructure.

Underground Water Tank

300 KL twin-compartment community infrastructure in Junagadh, focusing on crack control and hydrostatic pressure checks.

Pedestrian Foot Over Bridge

18.5m single-span steel truss bridge supported on RCC piers across railway tracks in Botad.

Strengthening of Existing industrial shed for crane load.

Strengthening of existing industrial shed for addition of 10T crane. Strengthening

**Completed
Projects**

25 +

**State
Served**

5

**Sq. ft.
Designed**

15 Lakh+

**Country
Served**

3

FormX
CONSULTANTS
DESIGN | ENGINEERING

Our Design Process

1. Concept Framing & Grid Planning

Understanding client brief and site study with soil data review



2. Structural Analysis & Load Checks

Comprehensive engineering calculations and modeling



4. Revisions & Construction Support

Coordination with architect and site teams throughout execution



3. RCC Detailing & Drawing Release

Detailed structural drawings with clear specifications





Client Testimonials

“

"Formx's structural designs are not only accurate but always aligned with real-time construction conditions. Their approach is practical and responsive."

Dhruv Patel, Civil Contractor,
Ahmedabad

“

"As an architect, coordination is key. With Formax, we get prompt responses, clear detailing, and a team that truly understands space and design vision."

Ruchita Shah, Architect,
Ahmedabad

“

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"Whether it's a retaining wall or an overhead tank, their detailing is clean and site friendly. They provide clarity. always available on phone to clear doubt."

Rajesh Prajapati, Sahaj reality,
Vapi

“

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Contact Us

We look forward to collaborating with you on your next project. Our clients range from industrial houses and pharma companies to architects, contractors, and private homeowners.

HIREN J. SHAH

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Managing Partner

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