

HAFEL

**Structural thinking.
Built on responsibility.**

COMPANY PROFILE

Structural consulting engineering



CONSULTANT REGISTRATION

Pakistan | September 2026

01 / OUR PRACTICE

Engineering with purpose.

HAFEL | Consulting Engineers and Project Managers

HAFEL is a Lahore-based engineering consultancy providing structural design, project management and coordinated building services. Our portfolio spans residential, commercial, industrial, educational and public-use developments.

We bring analytical design and practical detailing together to help clients translate architectural requirements into coordinated structural solutions. Our focus is on clear load paths, appropriate structural systems, constructability and responsive technical communication.

OUR MISSION

To deliver responsible engineering, clear documentation and dependable client service through technical care, professional integrity and effective coordination.

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02 / SERVICES

A coordinated consultancy.

Structural engineering is the core of our building-design offering.

Structural design

Concept development, structural analysis and design, foundation design, reinforcement detailing and structural documentation for concrete and steel buildings.

Project management and supervision

Technical coordination, progress review, construction-stage communication and site supervision within the agreed consultancy scope.

MEP design coordination

Coordination of mechanical, electrical and plumbing requirements with structural layouts, service openings, plant loads and building interfaces.

Land surveying

Survey inputs and setting-out coordination to support site planning, levels and the alignment of design information with site conditions.

One clear objective: coordinated information that supports informed decisions throughout the project.

03 / DELIVERY

From brief to construction.

A project-specific workflow with clear review and communication points.

01 Define the design basis

Establish the architectural brief, intended use, site information, geotechnical inputs, loading requirements and applicable design criteria.

02 Develop the structural scheme

Select suitable framing and foundation concepts; coordinate grids, spans, levels, circulation and major building-service interfaces.

03 Analyse, design and detail

Develop the analysis model, assess member and foundation demands, and translate the design into coordinated calculations and drawings.

04 Review and issue

Check consistency between analysis, design schedules and drawings; record comments, revisions and the purpose of each issue.

05 Support project delivery

Respond to technical queries and review proposed changes within the appointment. Keep revised instructions traceable through controlled documentation.

04 / TECHNICAL RESOURCES

Analysis that informs design.

Software-supported engineering, interpreted through professional judgement.

ETABS

Building-frame modelling and structural analysis. The supplied portfolio includes models for educational, commercial and industrial buildings.

SAFE

Foundation analysis and design. The source portfolio includes a foundation model for the Shahi industrial project.

STAAD.Pro

Steel and spatial-frame analysis. The Sukkur Sports Complex portfolio includes a structural model prepared in STAAD.Pro.

SAP2000

General structural analysis and steel-frame modelling, including warehouse structures illustrated in the source portfolio.

DESIGN BASIS

Design criteria, code editions, material properties and geotechnical assumptions are established for each appointment and recorded in its project documentation.

05 / PEOPLE

Technical leadership & team.

The multidisciplinary team presented in HAFEL's supplied company profile.

Engr. Mirza Fraz Tahir

Chief Executive Officer

MSc Structural Engineering

Engr. Mirza Imran Ahmad Khan

Principal Structural Engineer / Design Head
MSc Structural Engineering

Engr. Raja Abdul Hanan

Planning Engineer
BSc Civil Engineering

Engr. Muhammad Ahmad

Junior Structural Engineer
BSc Civil Engineering

Engr. Ahmad Fraz

Civil Engineer
BSc Civil Engineering

Muhammad Naseer

Project Coordinator
MS Project Management

Engr. Shafique-ur-Rehman

Electrical Engineer
BSc Electrical Engineering

Ozair Musaddiq

Site Engineer (PHW)
B-Tech Civil Technology

Usman Savaid

Site Supervisor
B-Tech Electrical Technology

Muhammad Ajmal

Site Supervisor
B-Tech Civil Technology

Fahad Saeed

Head Draftsman
DAE Architecture

Nabeel Safdar / Mudassir Hussain

Draftsmen
DAE Civil Technology

Mathew Simon

Draftsman
DAE Architecture

Husnain

Office Management
BSc Computer Science

06 / FEATURED PROJECT

Elevated residential living.

11-storey residential and commercial building



11

Storeys

16 ft

Approx. cantilevers

Roof

Gymnasium & garden

A residential and commercial building with approximately 16-foot cantilevers at the front and rear, rooftop recreational amenities, and pools and Jacuzzis on cantilevered portions at each floor, as described by HAFEL.

Architectural visualisation supplied by HAFEL. Project features are based on the firm's supplied brief.

RESIDENTIAL / DESIGN CONTEXT

Architecture with ambition.

A distinctive composition of projecting terraces and landscaped roof space.



The project brief brings together extended cantilevers, residential occupancy and water-containing amenities. These features make coordinated load definition, stiffness, deflection control and detailing central considerations in structural development.

Architectural visualisation; not a photograph of completed construction.

07 / FEATURED PROJECT

Dayimaan Hygiene Pvt. Ltd.

FIEDMC Industrial Estate | Industrial building



Industrial architecture with a clear operational identity.

Dayimaan Hygiene Pvt. Ltd. is presented as a HAFEL industrial project at FIEDMC Industrial Estate. The supplied visualisations show the external building form, principal entrance and extended industrial elevations.

SECTOR

Industrial / Manufacturing

Architectural visualisations supplied by HAFEL.

INDUSTRIAL / PROJECT GALLERY

A consistent industrial language.

Dayimaan Hygiene Pvt. Ltd. | FIEDMC Industrial Estate



01 / Principal elevation



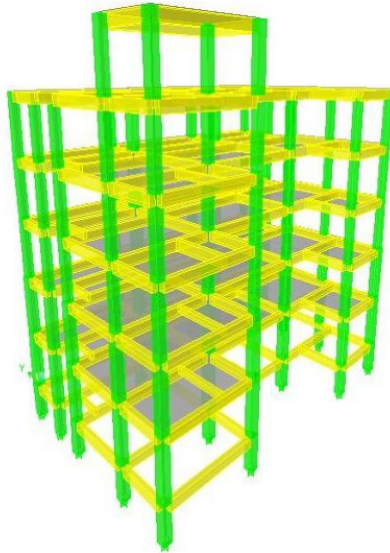
02 / Entrance and corner perspective

Visualisations illustrate architectural intent; completion status is not represented.

08 / EDUCATION

NUML University.

Girls' hostel | Structural model and building photograph



ETABS structural model



Building photograph from HAFEL's existing portfolio

Project identification and images retained from the supplied company profile.

EDUCATION / INSTITUTIONAL

Society Public School.

Baray Mian Dars Campus | Reported project area: 60,500 sq ft

Educational development

A school campus represented in HAFEL's portfolio by an architectural view and a project-execution photograph.

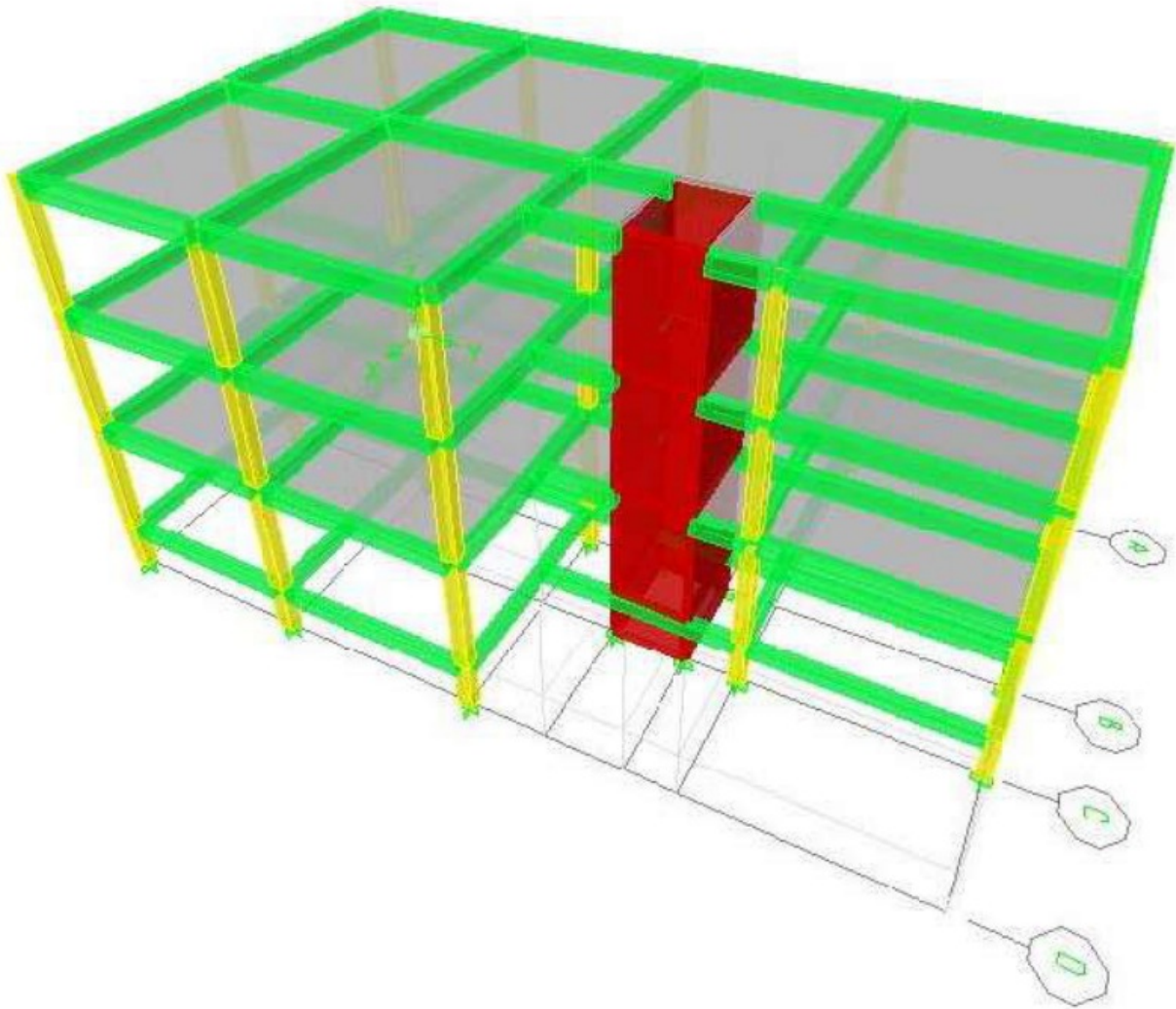


Project-execution photograph

09 / COMMERCIAL

Shopping mall.

Satiana Road, Faisalabad | ETABS structural model



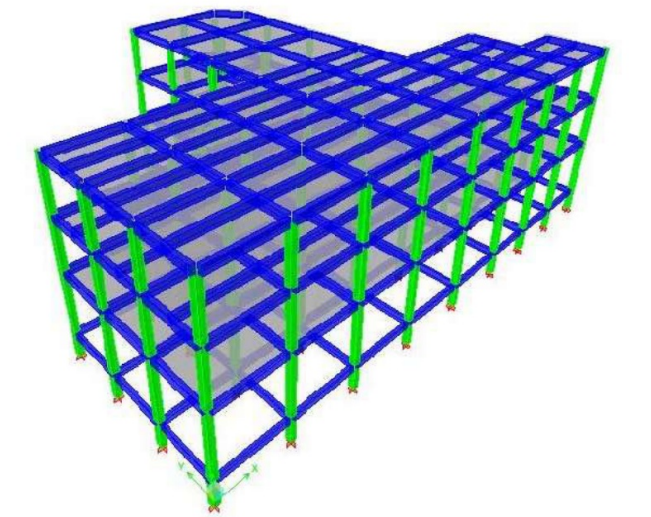
Building-frame analysis

A commercial shopping-mall structural model from HAFEL's supplied project portfolio.

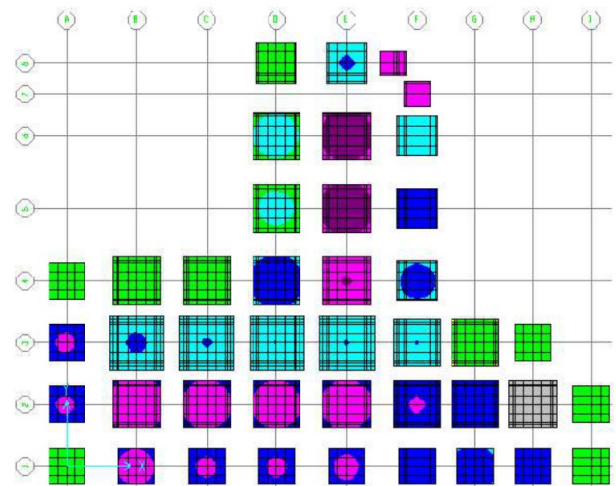
10 / INDUSTRIAL

Shahi Enterprises.

Sundar Industrial Estate, Lahore



ETABS structural model



SAFE foundation model

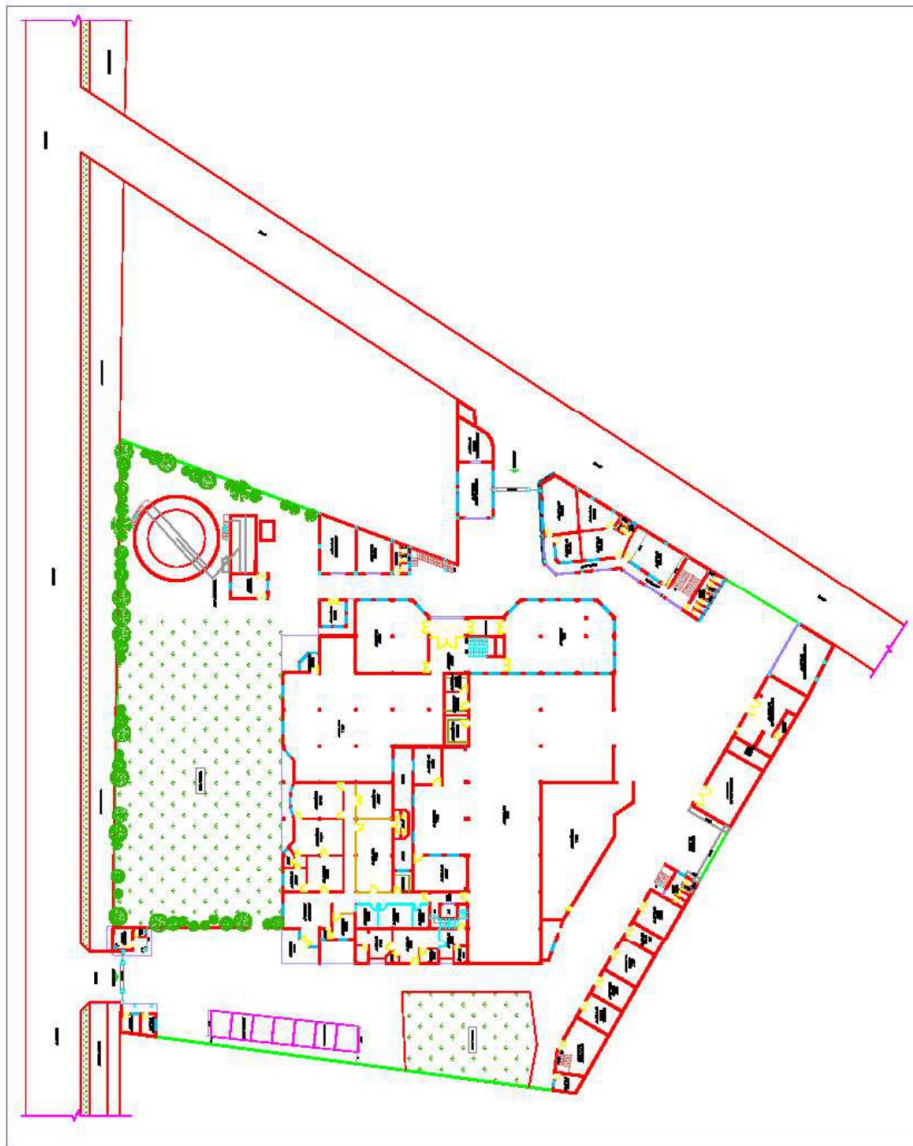
Structural and foundation modelling

The supplied profile illustrates superstructure and foundation analysis for the Shahi industrial project.

INDUSTRIAL / MANUFACTURING

Texpak Garments Factory.

Rohi Nullah, Lahore | Reported project area: 250,000 sq ft



Industrial project documentation

Drawing reproduced from the supplied portfolio for illustration; not for construction.

11 / STEEL & SPECIAL STRUCTURES

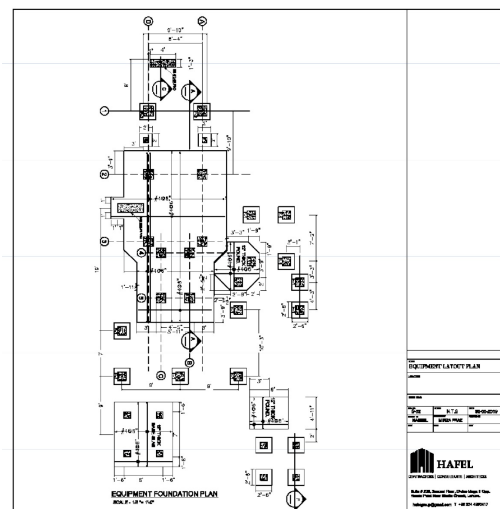
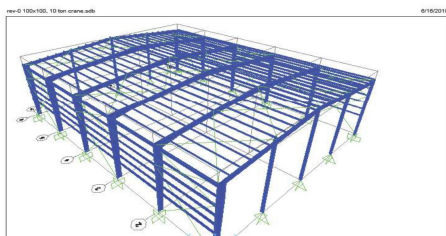
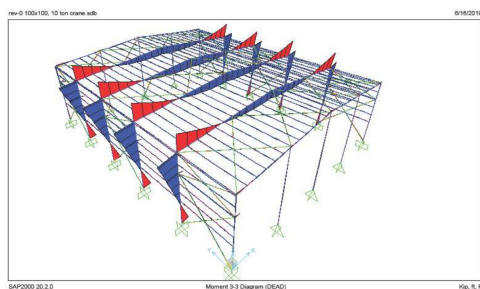
Structures for varied uses.

Sports facilities, warehouse frames and equipment foundations



Sukkur Sports Complex

STAAD.Pro model and execution photograph. The source project register records a 30,000 sq ft multipurpose hall.



Steel warehouse

SAP2000 model views

Zahid Packages, Bhalwal

Boiler foundation drawing

Legacy models and drawings are portfolio illustrations, not construction documents.

12 / PORTFOLIO REGISTER

Commercial & industrial.

Project references | Part 1 of 2

NO.	PROJECT / REFERENCE	LOCATION
01	Texpak Industry	Gajjumatta, Lahore
02	Herbion Islamabad	Sector A, DHA Phase II, Islamabad
03	Berang Automobile Pvt. Ltd. / Plot 289	Phase II, M-3 Sahianwala Industrial Estate, Faisalabad
04	Shops 1 and 2	Shamas Grain Market, Arifwala
05	Shops 33-38	Shamas Grain Market, Arifwala
06	Godown / 159-EB	Sahiwal Road, Arifwala
07	Commercial Plot 134	Sector Y, Phase III, Lahore
08	Commercial Plot 257	Sector MB, DHA Phase VI, Lahore
09	NB Thread / Plot 112	Sundar Industrial Estate, Lahore
10	Plot 250 B	Sundar Industrial Estate, Lahore
11	Shahi Enterprises / Plot 566A	Sundar Industrial Estate, Lahore
12	Zoic Pharma / Plot 573	Sundar Industrial Estate, Lahore
13	SPEC / Plots 611 and 612	Sundar Industrial Estate, Lahore
14	Khawaja Industries / Plot 630	Sundar Industrial Estate, Lahore
15	SSC Manufacturing Pvt. Ltd. / Plot 670	Sundar Industrial Estate, Lahore

Project references transcribed from the supplied HAFEL profile. Numbering standardised for clarity.

12 / PORTFOLIO REGISTER

Commercial & industrial.

Project references | Part 2 of 2

NO.	PROJECT / REFERENCE	LOCATION
16	TX Engineering / Plots 771 and 772	Sundar Industrial Estate, Lahore
17	Herbion Pharma / Plot 553	Sundar Industrial Estate, Lahore
18	Shami Printing / Plots 721 and 722	Sundar Industrial Estate, Lahore
19	Shami Printing / Plots 745-747	Sundar Industrial Estate, Lahore
20	Plot 60-D	Sundar Industrial Estate, Lahore
21	Commercial Plaza / Plot 23-S	Paragon City, Lahore
22	Commercial Plaza / Plot 76-S	Paragon City, Lahore
23	Commercial Plaza / Plot 67-S	Paragon City, Lahore
24	Basement + ground + 4-storey plaza	Amanawala Road, Faisalabad
25	Plots 731 and 732	Sundar Industrial Estate, Lahore
26	CEMB Building	Punjab University, Lahore
27	Multipurpose Hall	Sukkur Sports Complex
28	Gran Exito Buildings / 18 storeys	Islamabad
29	Capital Mall / 11 storeys	Bahria Town, Islamabad

Project references transcribed from the supplied HAFEL profile. Numbering standardised for clarity.

12 / PORTFOLIO REGISTER

Residential & other works.

Property references | Part 1 of 2

NO.	PROJECT / REFERENCE	LOCATION
01	Plot 91, Block A	Wapda Kasur, Multan Road, Lahore
02	Plot 292/4	Safari Villas, Bahria Town, Lahore
03	Plot 292/5	Safari Villas, Bahria Town, Lahore
04	Plot 2, Street 6	Jinnah Garden, Islamabad
05	Plot 321, Umar Block	Bahria Town, Lahore
06	Plot 445, Sector II, Block J	Phase 11, Rahbar Sector, Lahore
07	Plot 634, Sector II, Block 2F	Phase 11, Rahbar Sector, Lahore
08	Plot 295/1, Sector D	DHA Phase V, Lahore
09	Plot 127, Block V	DHA Phase II, Lahore
10	Haier Homes	Sharif Medical City Road, Lahore
11	Plot 18, Block C	NESPAK Housing Society II, Canal Road, Lahore
12	341 M	Model Town, Lahore
13	Plot 539, Block A	Jubilee Town, Lahore
14	Plot 311, Shaheen Block	Bahria Town, Lahore
15	Plot 125, Ghouri Block	Bahria Town, Lahore

Project references transcribed from the supplied HAFEL profile. Numbering standardised for clarity.

12 / PORTFOLIO REGISTER

Residential & other works.

Property references | Part 2 of 2

NO.	PROJECT / REFERENCE	LOCATION
16	Plot 135	Bahria Orchard
17	Plot 614-N	Samanabad, Lahore
18	Plot 560, Sector A	DHA Phase V, Lahore
19	Plot 23-A	Mohafiz Town, Sargodha
20	Plot 115-A	PAF Colony, Lahore
21	Plot 180-C	Shershah Colony, Lahore
22	Plot 181-C	Shershah Colony, Lahore
23	Plot 70-C	Shershah Colony, Lahore
24	Plot 858-B	Shershah Colony, Lahore
25	Plot 95, Phase I	Al-Razzaq Royals, Faisalabad Madhali Road, Sahiwal
26	Al-Shamas Honda	Muhammadi Chowk, Arifwala
27	Plot 34-F1	PIA Housing Society, Lahore
28	Plot 1171	Paragon City, Lahore
29	Plot 159-ED	Dera Ahmad Din, Arifwala
30	Plot 382	Askari IX, Lahore

Project references transcribed from the supplied HAFEL profile. Numbering standardised for clarity.

13 / OUR COMMITMENTS

Clarity. Care. Accountability.

The professional values that guide our consultancy offering.

Safety and technical care

Consider structural behaviour, intended use and construction interfaces throughout design development. Communicate material assumptions and limitations clearly.

Integrity and professional conduct

Maintain honest communication, respect client confidentiality and represent project experience and professional credentials accurately.

Coordination and teamwork

Work with architects, specialist consultants, clients and contractors to resolve interfaces and support consistent project information.

Quality and document control

Use clear drawing references, revision identification and review records. Assess proposed changes against the design basis before issuing revised information.

Client service

Provide practical explanations, timely technical responses and an agreed scope of services tailored to each project.

LET'S BUILD WITH CONFIDENCE.

Your next project. Our engineering focus.

HAFEL

Consulting Engineers
and Project Managers

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