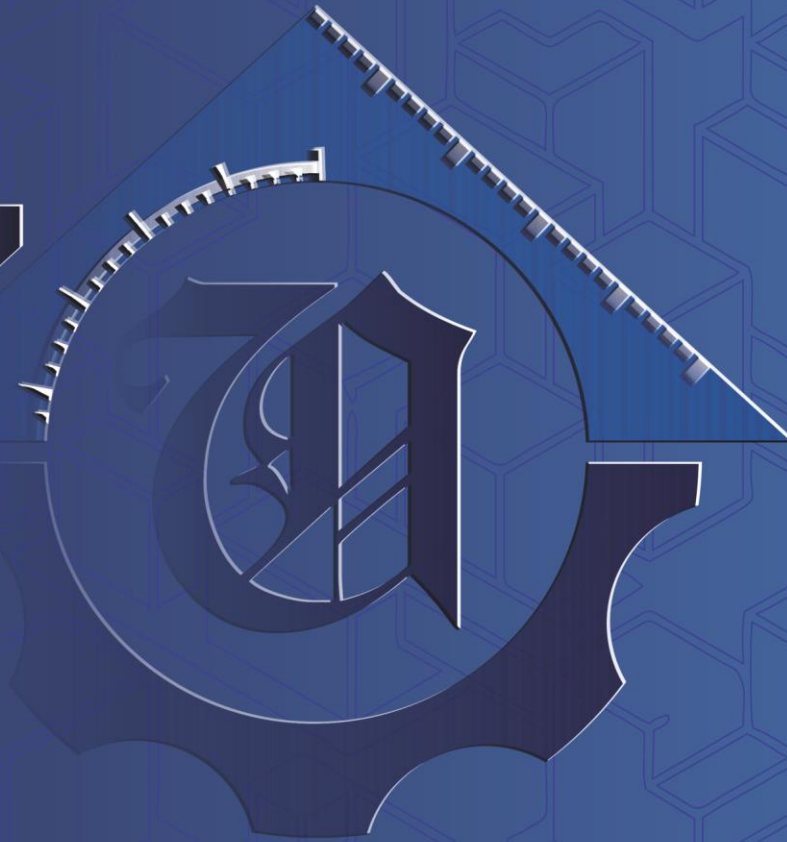


VANGUARD



PROFILE

Construction and Design
Services LLP **إنشاءات وتصميم
خدمات**

COMPANY INFORMATION

NAME	VANGUARD CONSTRUCTION AND DESIGN SERVICES LLP
MANAGING PARTNER	ENGR. MUHAMMAD SULAIMAN YAQUB
LAHORE OFFICE	OFFICE-2, 1 ST FLOOR, REHMAN CENTRE-1, ASKARI-XI GATE-3, LAHORE CANTT, LAHORE, PAKISTAN 92 42 37134949 , 92 334 4340700
ISLAMABAD OFFICE	3RD FLOOR, HIDAYAT PLAZA, SERVICE ROAD EAST, ISLAMABAD EXPRESSWAY, ISLAMABAD, PAKISTAN. 92 322 9040132, 92 336 8489834
EMAIL	info@vanguardllp.pk sulaiman@vanguardllp.pk
REGISTRATION	FEDERAL BOARD OF REVENUE SECURITIES AND EXCHANGE COMMISSION OF PAKISTAN PAKISTAN ENGINEERING COUNCIL

Welcome to VANGUARD LLP, where innovation meets precision in structural engineering solutions. As a burgeoning firm in the industry, we bring a fresh perspective combined with robust expertise to every project we undertake. With a dedicated team of engineers and draftsmen, we strive to set new benchmarks in structural integrity and design excellence.

Driven by a passion for innovation and a dedication to client satisfaction, we embrace challenges and transform them into opportunities for creativity. Whether it's designing sustainable buildings, revitalizing urban spaces, or engineering resilient infrastructure, we approach every project with enthusiasm and expertise.

At VANGUARD LLP, our vision is to redefine the landscape of structural engineering through innovation, sustainability, and uncompromising quality. We envision a future where every structure we design not only meets the highest standards of safety and functionality but also inspires awe and admiration.

Our vision is to be recognized as a trusted partner, known for integrity, creativity, and dedication to go beyond client expectations.

Together with our clients and associates, we envision building a future where every project is not just a structure, but a testament to our commitment to excellence and our passion for transforming ideas into reality.

- **Advanced Structural Modelling and Analysis**
 - Utilizing state-of-the-art software and methodologies for accurate and efficient modeling and analysis, including finite element analysis (FEA) and dynamic simulations, to tackle complex structural challenges.
- **Concrete structures**
 - Design of commercial and residential buildings.
 - Design proficiency in multiple codes such as **IBC, Eurocode 2** and **ACI 318**.
- **Steel structures**
 - Design of commercial and residential buildings.
 - Design proficiency in multiple codes such as **IBC, Eurocode 3** and **AISC 360**.
- **Timber structure**
 - Design of commercial and residential buildings.
 - Design proficiency in multiple codes such as **IBC, Eurocode 5** and **NDS**.
- **Foundation Repair for residential structures**
- **Structural BIM Services**



**ENGINEERING SERVICES & ARCHITECTURAL
CONSULTANTS**

Engineering Services & Architectural Consultants (ESAC) is a consultancy firm in the fields of architecture, structure, infrastructure, and development. ESAC was established in February 2018 and is a part of Global Excellence Consulting Group (GECG USA).

<https://esaconsultant.com> , esac.mkt@gmail.com



**BIN MUKHTAR ENGINEERING
CONSULTANTS PRIVATE LIMITED MEP/HVAC
CONSULTANTS**

BMEC is a result-oriented engineering consultancy firm that built value to its projects by energy efficient, environmentally friendly, sustainable designs with cost-effective and in a timely manner through knowledge, experience and continuous development.

<https://bmeconsultants.com> , bmeconsultants@yahoo.com



DESIGN ETIQUETTE
ARCHITECTURE LANDSCAPE CONSTRUCTION
INTERIOR DESIGN

DESIGN ETIQUETTE

DESIGN ETIQUETTE is an architecture & design firm founded in 2015 and ever since, the firm has evolved to the actual trends of modern design day by day. Their vision is to provide a non-superficial language, but a deep one that endures over the years and serves as a launching platform to the future.

<http://www.designetiquette-de.com> , designetiquette.de@gmail.com

OUR CLIENTS



B'Safe Shelters
Texas, USA



Stark Foundations
Alabama, USA



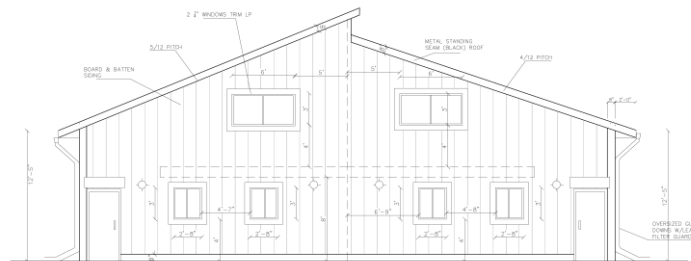
YACHT CLUB DRIVE, SCOTTSVILLE

Project Location:
Kentucky, USA.



Structural Materials Used:
Timber/Wood.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



RV FACILITY

Project Location:
Missouri, USA.



Structural Materials Used:
Timber/Wood.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



T-STREET, SACRAMENTO

Project Location:
California, USA.



Structural Materials Used:
Timber/Wood.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.
Detailed Structural Calculation Report.



12th STREET, SACRAMENTO

Project Location:
California, USA.



Structural Materials Used:
Timber/Wood.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.
Detailed Structural Calculation Report.



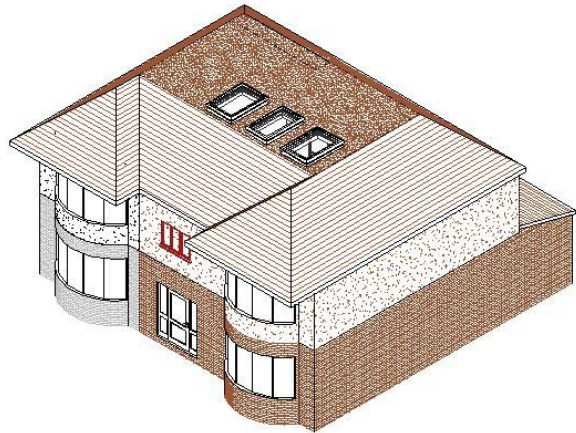
BOSTON ROAD, HANWELL

Project Location:
London, England.



Structural Materials Used:
Brick Masonry Load Bearing Walls.
Timber framed floors.
Structural Steel Beams.

Deliverables:
Detailed Structural Drawings.
Detailed Structural Calculation Report.



RADCLIFFE ROAD, HARROW

Project Location:
London, England.



Structural Materials Used:
Brick Masonry Load Bearing Walls.
Timber framed floors.
Structural Steel Beams.

Deliverables:
Detailed Structural Drawings.
Detailed Structural Calculation Report.



FERNHILL RD, FARNBOROUGH

Project Location:

London, England.



Structural Materials Used:

Brick Masonry Load Bearing Walls.

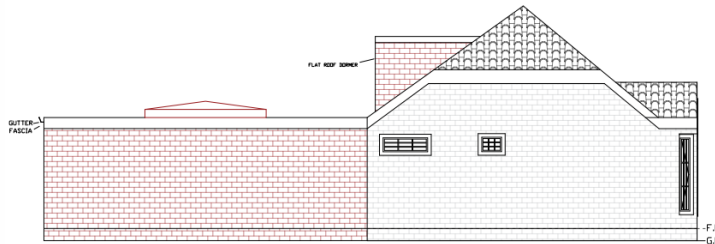
Timber framed floors.

Structural Steel Beams.

Deliverables:

Detailed Structural Drawings.

Detailed Structural Calculation Report.



BOTSOM LN, WEST KINGSDOWN

Project Location:

London, England.



Structural Materials Used:

Brick Masonry Load Bearing Walls.

Timber framed floors.

Structural Steel Beams.

Deliverables:

Detailed Structural Drawings.

Detailed Structural Calculation Report.



KILVERT RD, WEDNESBURY

Project Location:

London, England.



Structural Materials Used:

Brick Masonry Load Bearing Walls.

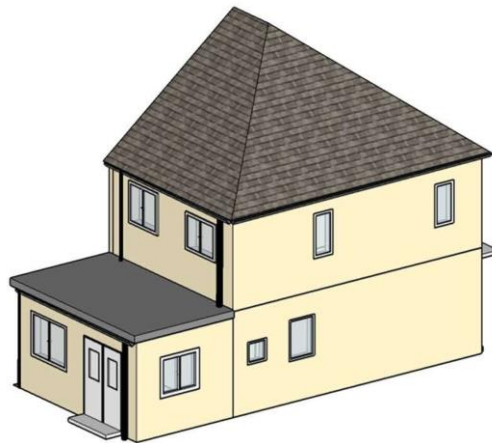
Timber framed floors.

Structural Steel Beams.

Deliverables:

Detailed Structural Drawings.

Detailed Structural Calculation Report.



SUMMERLEAZE RD, MAIDENHEAD

Project Location:

London, England.



Structural Materials Used:

Brick Masonry Load Bearing Walls.

Timber framed floors.

Structural Steel Beams.

Deliverables:

Detailed Structural Drawings.

Detailed Structural Calculation Report.



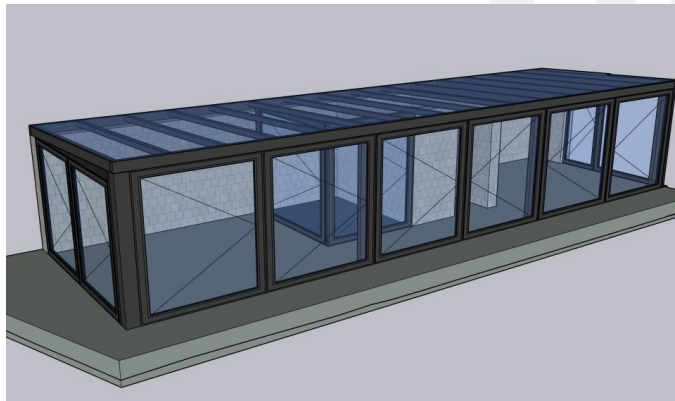
BAR B Q HOUSE

Project Location:
Tallin, Estonia.



Structural Materials Used:
Structural Steel.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



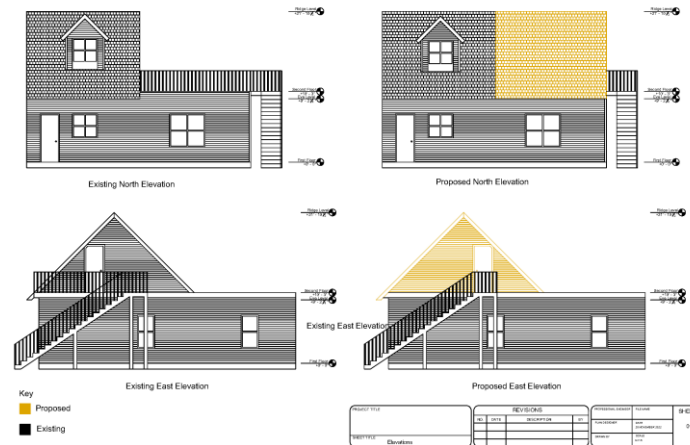
HOUSE EXTENSION

Project Location:
Wisconsin, USA.



Structural Materials Used:
Timber/Wood.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



24 MARLA

Project Location:
Burewala, Pakistan.



Structural Materials Used:
Brick Masonry Load Bearing Walls.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



7 MARLA

Project Location:
Lahore, Pakistan.



Structural Materials Used:
Brick Masonry Load Bearing Walls.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



ONE KANAL

Project Location:
Lahore, Pakistan.



Structural Materials Used:
Brick Masonry Load Bearing Walls.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



10 MARLA

Project Location:
Lahore, Pakistan.



Structural Materials Used:
Brick Masonry Load Bearing Walls.
Reinforced Concrete.

Deliverables:
Detailed Structural Drawings.



SECTOR XX-C PHASE III 4-KANAL



Project Description:

The Project is a G+14 Building with 3 basements for parking. With a vision of being a mixed used building, this project consists of floors planned to be used for commercial and residential purposes.

Project Area:

2,80,000 SF

Project In Association With:

This project was done in association with ESA Consultants.

Services Rendered:

Performed structural design & analysis.
Structural Coordination with associate teams.
Drafted detailed structural drawings

