

IMPERIUM

Engineering & Construction

"Building your future on foundation of excellence"



Company Info

Imperium Engineering Services is a multidisciplinary engineering firm focused on delivering and championing innovative projects that enhances the character of the structure, environment and people overall experience. Imperium Engineering Services is based in England with 4 offices across the United Kingdom, employing over 80 highly specialised professionals working on projects with combined values more than £800 million annually. We pride ourselves with the out-of-the box way of thinking and consistently providing technically advanced, sustainable and innovative landmark type solutions



“At Imperium we truly believe in innovation and aim to always be one step ahead of the industry, as innovation drives the future”- Christopher Holt BSc

Mission & Values

Our mission and values serve as the guiding compass that shapes every decision we make, ensuring that we stay true to our purpose and maintain the integrity that defines who we are.



Expertise

To excel in our chosen fields, drive innovation, and inspire trust through unparalleled knowledge and skill.



Innovation

Propelling us forward by constantly seeking creative solutions, driving progress, and staying at the forefront of positive change.



Quality

Ensuring that every endeavor we undertake reflects the highest standards of excellence, reliability, and customer satisfaction.



Team

Recognising that collaboration, mutual support, and diverse perspectives are the driving forces behind.

CEO Statement

I founded Imperium Engineering in 2017 as a structural engineering firm, initially serving only Kent. Since then, we've grown significantly. We now have three directors, and our team includes over 80 skilled professionals, including engineers, project managers, quantity surveyors, estimators, and structural surveyors. Our operations have expanded to encompass four offices located in Kent, London, Manchester, and Birmingham.



“All growth comes with challenges, and a bit of luck comes in very handy. The primary key to winning battles is strong management, and we have built and continue to build a great team that learns to anticipate issues rather than only from its mistakes.”- Kamal Farid BEng



Clients

Imperium Engineering has worked with over 150 clients internationally and continues to be at the forefront of UK and International companies.



Our Services



Engineering Services

- Civil infrastructure engineering covering residential, commercial, industrial and railway.
- Structural engineering covering residential, commercial, industry and railway.
- Temporary works engineering.



Design Services

- Design and build projects in the residential and commercial sector.
- Mechanical and Electrical engineering designs covering residential, commercial and industrial sectors.
- BIM modelling.



Tendering Services

- Bid Documentation Preparation
- Prequalification and Vendor Assessment
- Tender Evaluation and Adjudication
- Value Engineering and Cost Optimization
- Risk Assessment and Management
- Project Management Support
- Post-Tender Support:



Project Management Office (PMO) Services

- Strategic Planning and Alignment
- Governance and Oversight
- Portfolio Management
- Resource Allocation and Management
- Performance Measurement and Reporting:
- Risk Management and Mitigation:
- Quality Assurance and Compliance:

Our Services



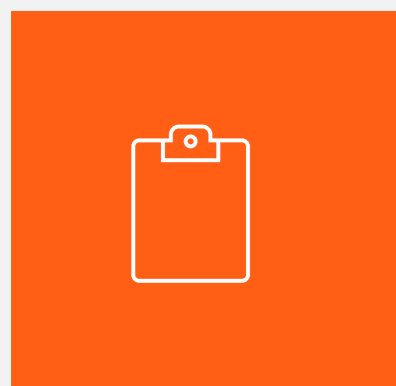
Surveying Services

- Structural and non-structural building surveys.
- Quantity surveying.
- Civil and structural BIM modelling.
- Basement assessments, surveys and designs.



Consultancy Services

- Consultancy services & strategy development.
- Data modelling, development analysis & visualization.
- Solution design.
- Development and integration.



Valuation Services

- Commercial including industrial space, warehouses, offices, retail, business parks and lands
- Residential including individual units, buildings, portfolios, villas, land plots and more
- Retail
- Hotels and serviced apartments
- Leisure



Project Management Consultancy (PMC) Services:

- Contract Management and Administration:
- Definition and Change Management:
- Schedule and Resource Planning:
- Cost Estimation and Control:
- Stakeholder Communication and Engagement:
- Quality Assurance and Inspection:
- Health, Safety, and Environmental Management:

Latest Projects

PRISHTINA MALL

The biggest shopping and entertainment mall in South-East Europe.



ZERO-CARBON OFFICES

Zero-carbon buildings with roof-integrated Solar Photovoltaic.



HIGH SPEED 2

High-speed railway line in England due for completion between 2029-2033.



Prishtina Mall

Mechanical and Electrical (M&E)
Design for Prishtina Mall, Kosovo

The M&E design for Prishtina Mall in Kosovo integrates cutting-edge engineering solutions to ensure optimal functionality, comfort, and energy efficiency.

Our design encompasses a comprehensive range of mechanical and electrical systems.



Prishtina Mall

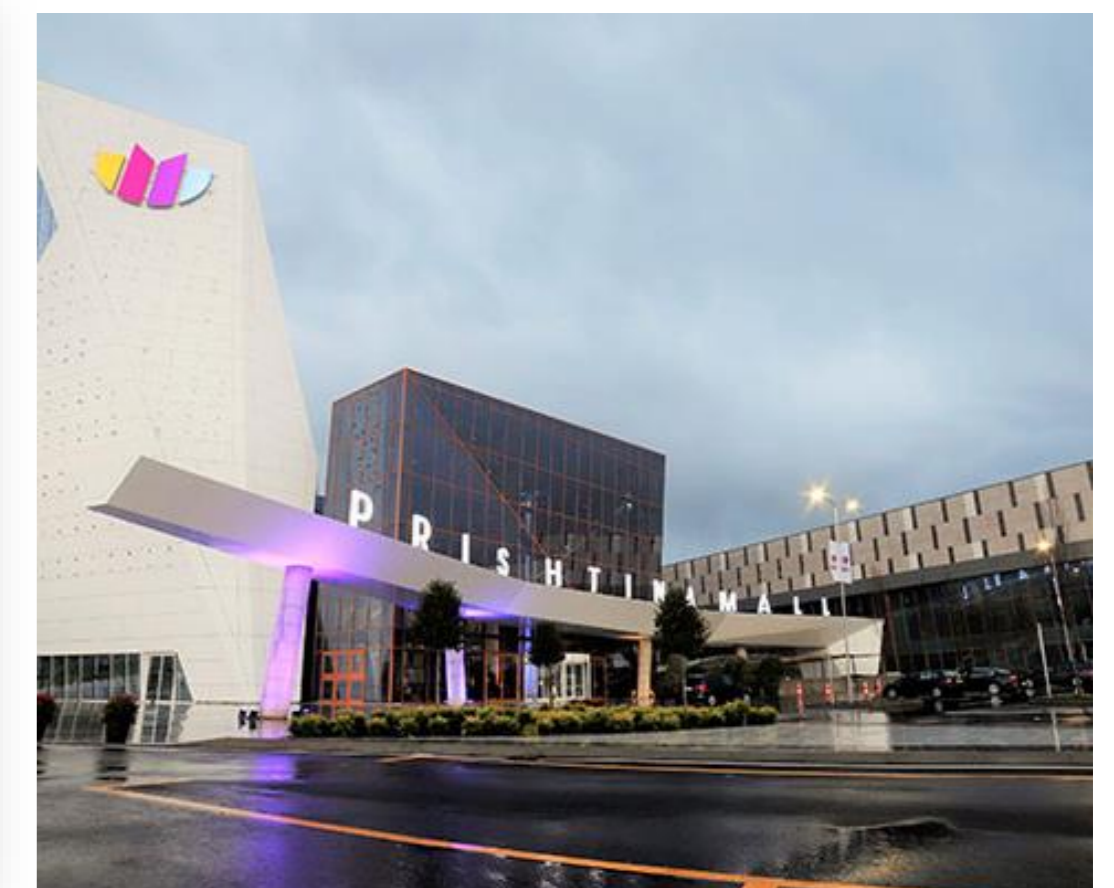
Location: Kosovo

Date: 2023

Client: PRIVATE

Scope of Work: (M&E) Design

Brief Description: Prishtina Mall is the biggest shopping and entertainment mall in South-East Europe.



Zero-carbon offices

Project Management Consultant

Led the project's planning and coordination. Worked closely with the client, architects, and stakeholders to define goals and set a clear timeline. Our focus was on finding eco-friendly contractors and suppliers, ensuring they aligned with our sustainability standards. Throughout the process, we kept a watchful eye on the budget and allocated resources efficiently.



Zero-carbon offices

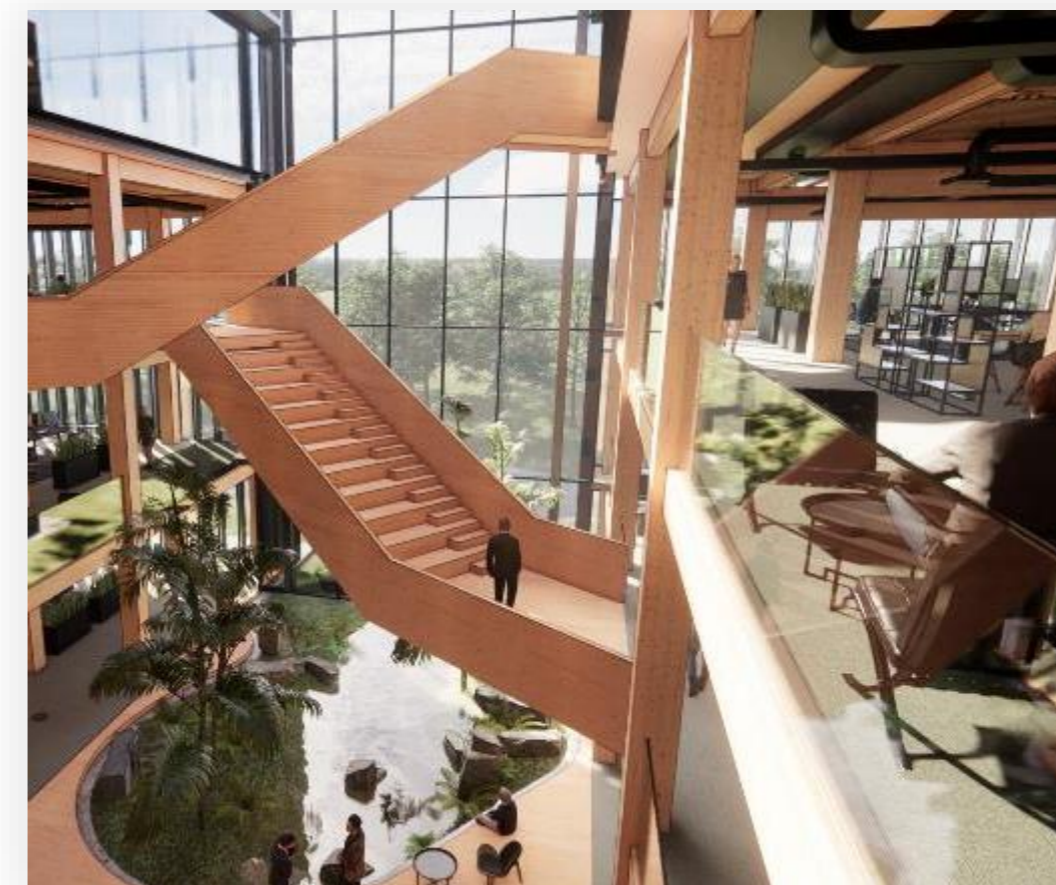
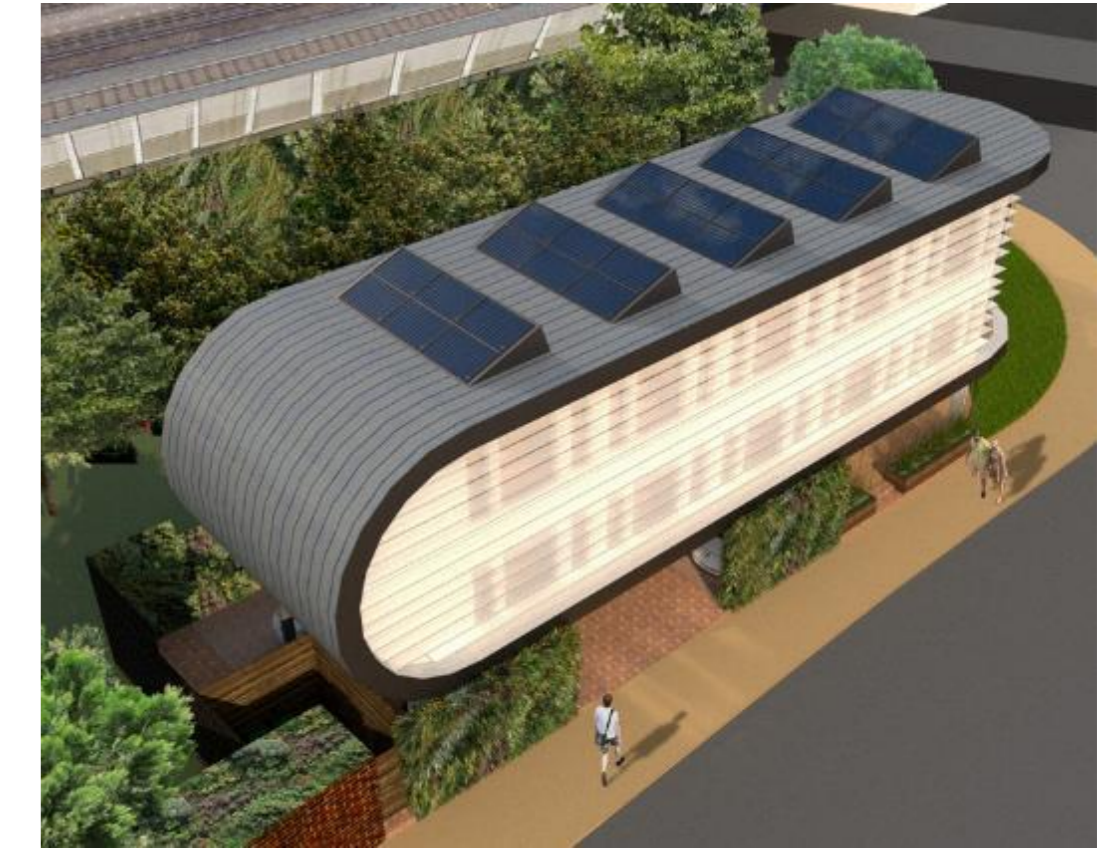
Location: United Kingdom

Date: 2023

Client: PRIVATE

Scope of Work: PMC

Brief Description: Zero-carbon building with roof-integrated Solar Photovoltaic. As compared to the traditional office, 70% energy demand is reduced using passive strategies.



HS2

Structural and Civil Engineering Design

The structural and temporary works engineering design for HS2 (High-Speed 2) in England encompasses the intricate planning, analysis, and execution of critical infrastructural elements for this high-speed rail project. This ambitious undertaking aims to link major cities in the UK, providing faster and more efficient transportation options.



HS2

Location: United Kingdom

Date: 2029-3033

Client: PRIVATE

Scope of Work: Structural and
Temporary Works Engineering
Design for HS2 England

Brief Description: The structural and temporary works engineering design for HS2 (High-Speed 2) in England encompasses the intricate planning, analysis, and execution of critical infrastructural elements for this high-speed rail project. This ambitious undertaking aims to link major cities in the UK, providing faster and more efficient transportation options.



UK Projects

HENWOOD REDEVELOPMENT

Henwood Development, a groundbreaking achievement in civil and structural engineering design.

NATIONAL GRID

Extension Project represents a critical advancement in energy infrastructure

BROMFORD

Engineering achievement, devoted to safeguarding communities and critical infrastructure from the devastating consequences of flooding.



Henwood

Civil and Structural Engineering
Designs

Project Spotlight: Henwood Development - Pinnacle of Sustainable Living in the UK
Imperium Engineering takes immense pride in presenting the Henwood Development, a groundbreaking achievement in civil and structural engineering design. This project stands as a testament to our unwavering commitment to sustainability and innovation.



Henwood

Location: United Kingdom

Client: PRIVATE

Scope of Work: Civil and Structural Engineering Designs

Key Features:

Cutting-Edge Sustainable Design

Net-Zero Energy Consumption

Efficient Water Management

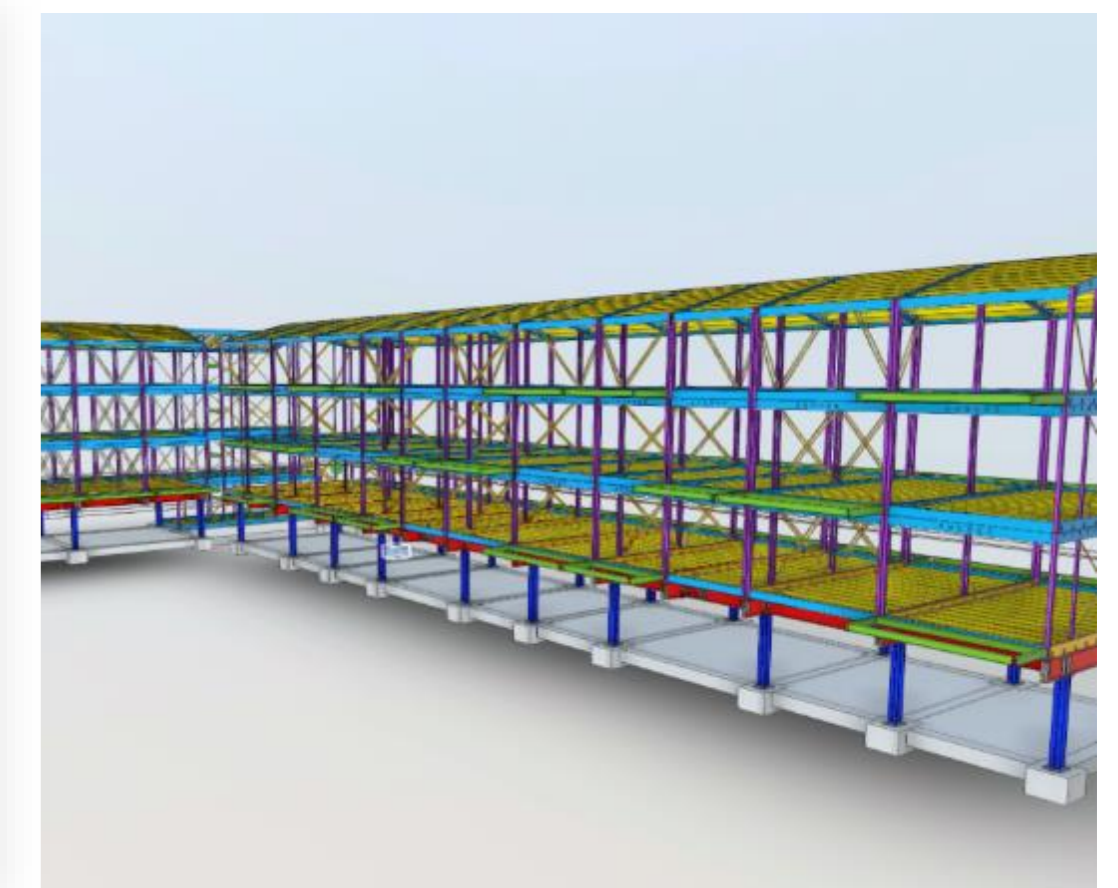
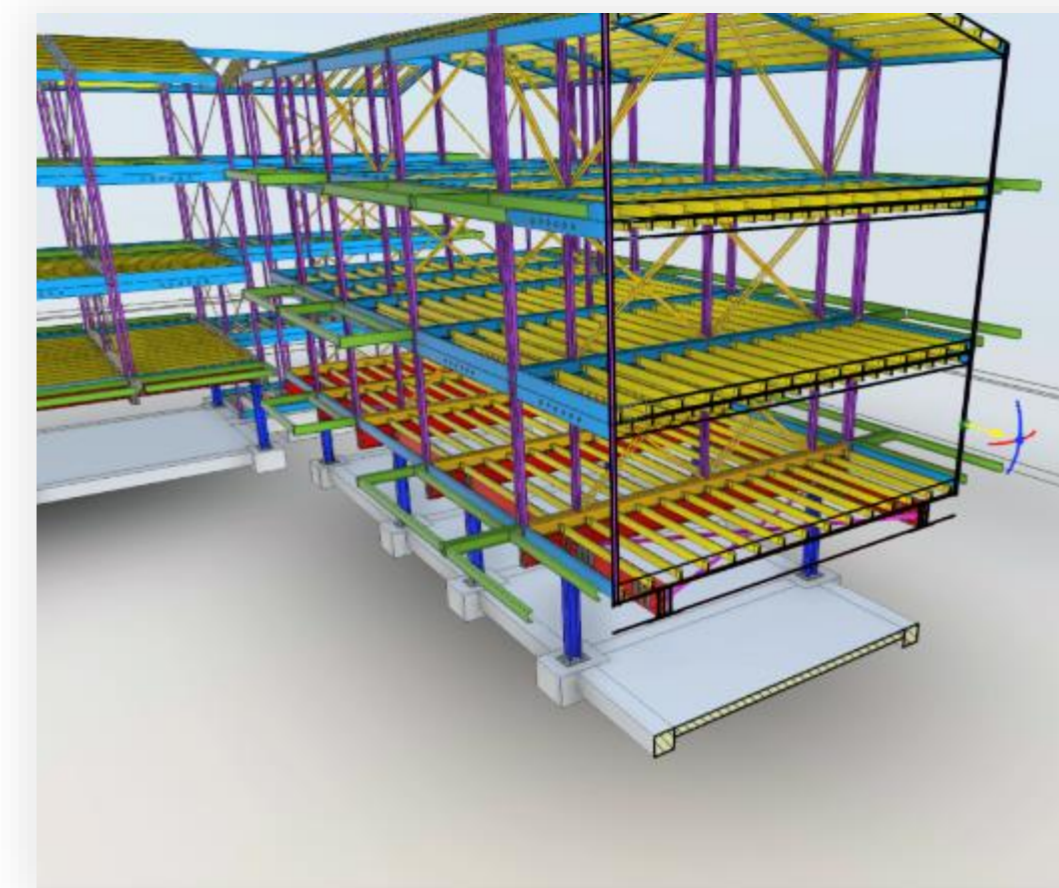
Innovative Materials and Construction

Techniques

Green Spaces and Biodiversity

Smart Building Systems

Community-Centric Design



National Grid

The National Grid Liquid and Natural Gas Station Extension Project represents a critical advancement in energy infrastructure.

This extension is strategically designed to enhance the capacity and capabilities of the existing station, ensuring a robust supply of both liquid and natural gas to meet the increasing demands of the region.



National Grid

Location: United Kingdom

Date: 2022

Client: PRIVATE

Scope of Work: Structural engineering designs.

Brief Description: National grid liquid and natural gas station extension: Structural and civil engineering designs for the extension of the UK national grid station ingrain site



Bromford

The £17 million Bromford Flood Alleviation Scheme represents a monumental achievement in engineering, dedicated to safeguarding communities and infrastructure from the devastating impacts of flooding

This comprehensive project integrates advanced structural and civil engineering solutions to create a resilient and sustainable flood mitigation system.



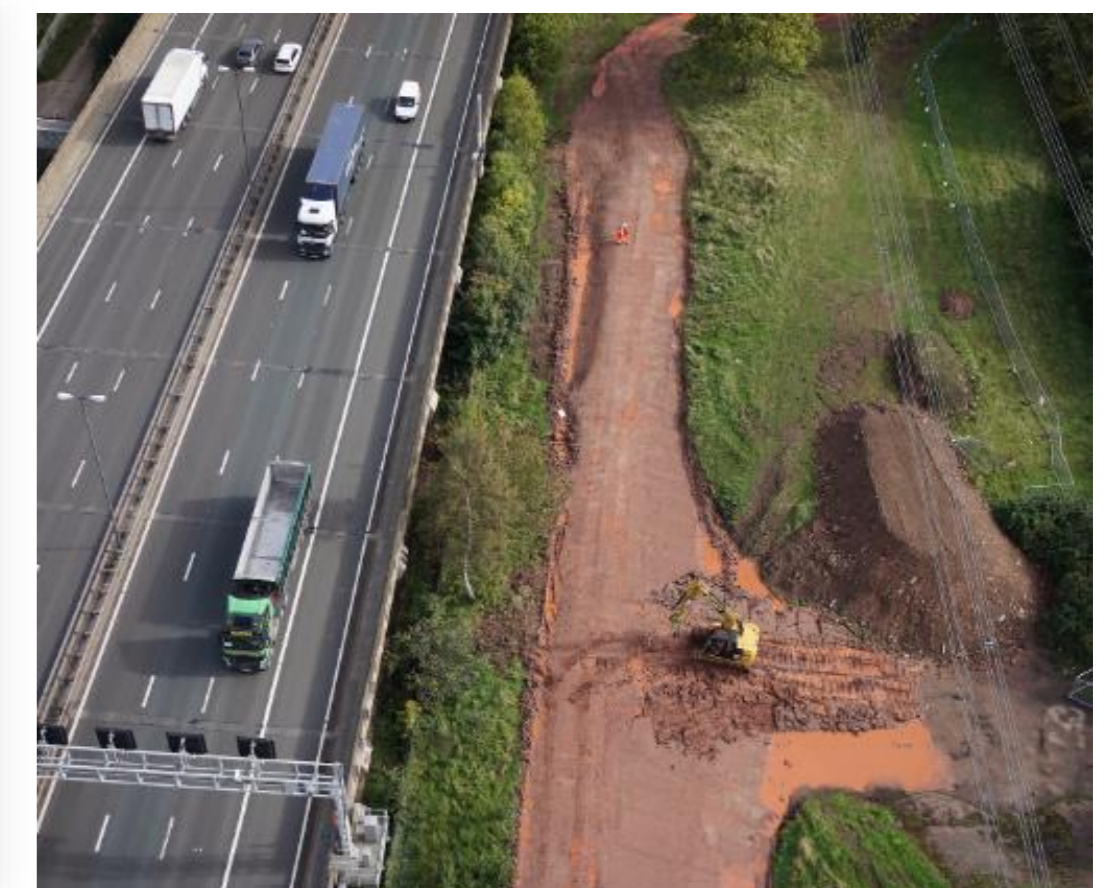
Bromford

Location: United Kingdom

Client: PUBLIC

Scope of Work: Structural and Engineering designs.

Brief Description: The Bromford Flood Alleviation Scheme stands as a remarkable feat in engineering, focused on protecting communities and vital infrastructure from the destructive effects of flooding.



Solar Panel Projects



SOLARPLICITY

Solar farms based in the United Kingdom.



SOLAR FARMS MK

Solar farms based in North Macedonia.



SOLAR FARMS KS

Solar farms based in Kosovo.



Solarplicity

Structural Design for Solar Farms
(Solarplicity) in the UK

The structural design for Solarplicity's solar farms in the UK represents a pinnacle of engineering ingenuity in renewable energy projects.

It is tailored to harness the abundant solar energy potential of the region while ensuring longevity, safety, and seamless integration with the existing landscape.



Solarplicity

Location: United Kingdom

Date: 2023

Client: PRIVATE

Scope of Work: Structural Designs

Solarplicity, one of the largest solar farm operators in the UK, a civil engineering design and photovoltaic (PV) solar design would encompass a range of key features to ensure the effectiveness and sustainability of the solar farm.



Solar Farms

Civil Engineering Designs and Solar Panel PV designs.

The structural planning for solar farms in the Kosovo and North Macedonia exemplifies a zenith of engineering brilliance in renewable energy endeavors.

It is customised to capture the ample solar energy potential of the area while prioritizing durability, safety, and seamless blending with the current environment



Solar Farms

Location: North Macedonia & Kosovo

Client: PRIVATE

Scope of Work: Civil Engineering
Designs and Solar Panel PV designs

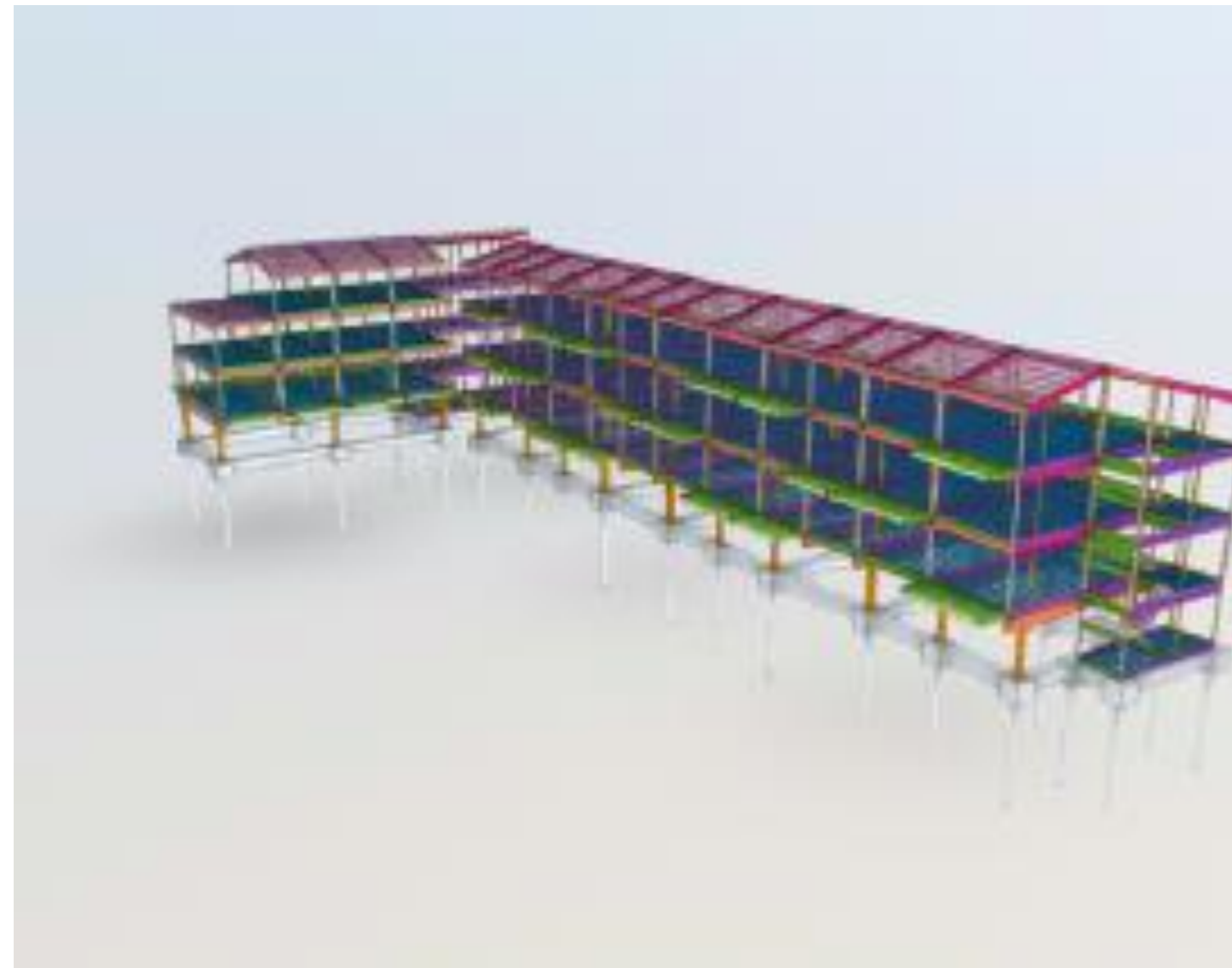
Solar farms are prominent energy providers in Kosovo and North Macedonia, employs civil engineering and photovoltaic (PV) solar design techniques that incorporate a variety of essential elements to guarantee the efficiency and long-term viability of the solar farm.



Service based projects

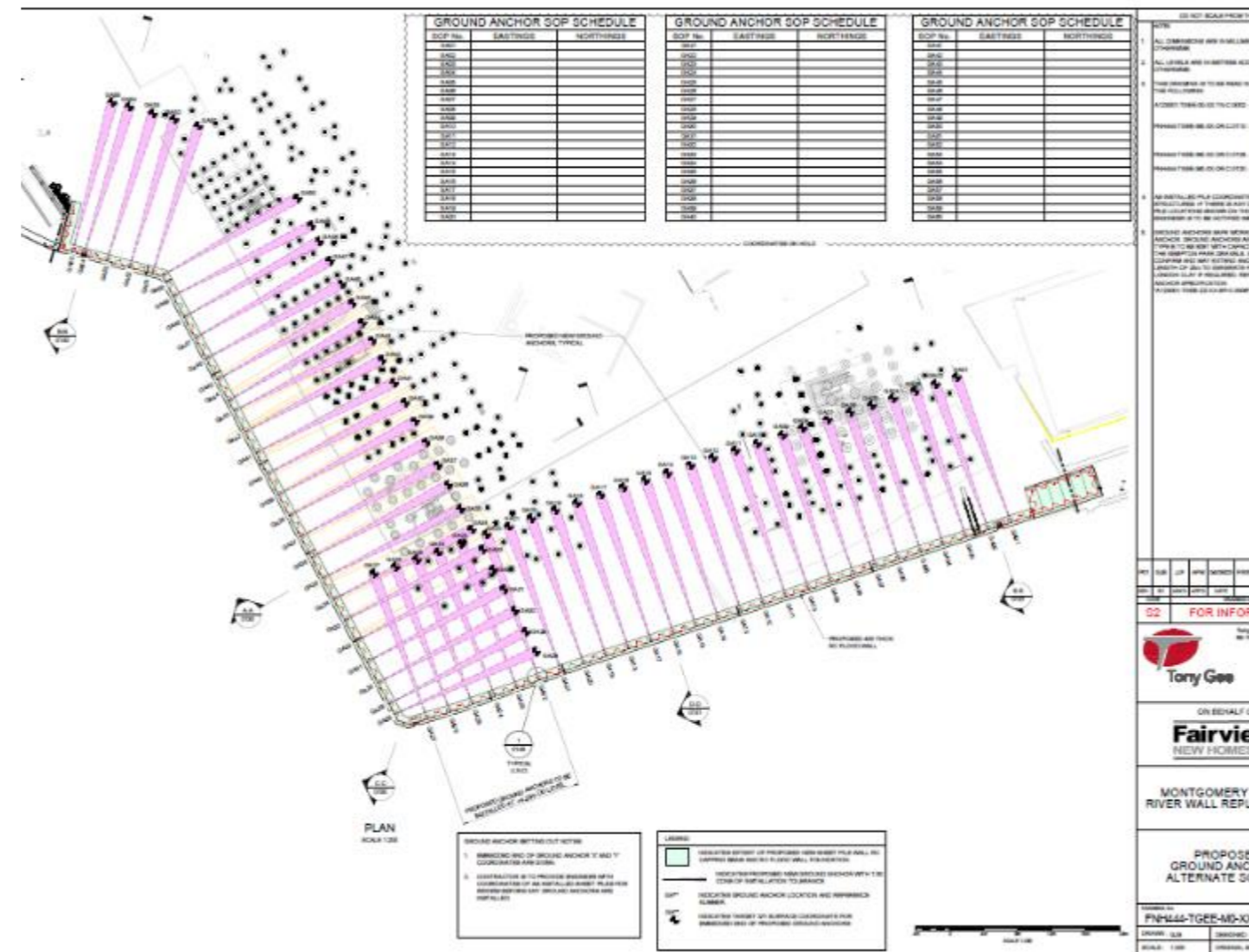
BIM MODELLING

The BIM Structural Model for our multi-storey residential development in the UK.



FLOOD DEFENCE

The flood defence system for the Thames River in London, designed for a residential development comprising 333 flats.



BRADFIELD

Structural design and calculations for the 19-storey building at Royal Docks London.

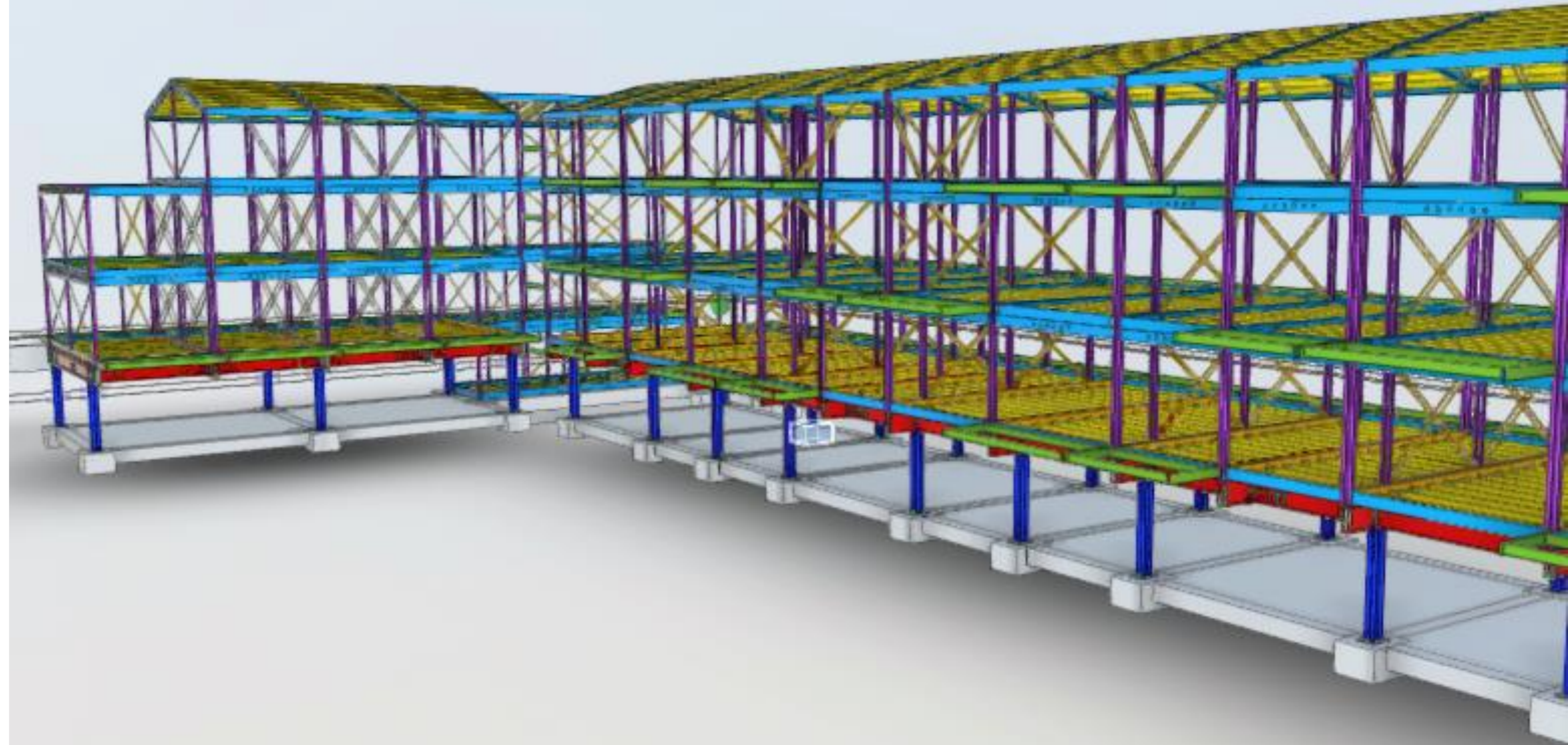


BIM Modelling

BIM Structural Model for Multi-Storey Residential Development in the UK

The BIM Structural Model for our multi-storey residential development in the UK is a groundbreaking approach to construction and engineering.

Leveraging Building Information Modeling (BIM) technology, this project aims to create a comprehensive digital representation of the structural elements of the building.



BIM Modelling

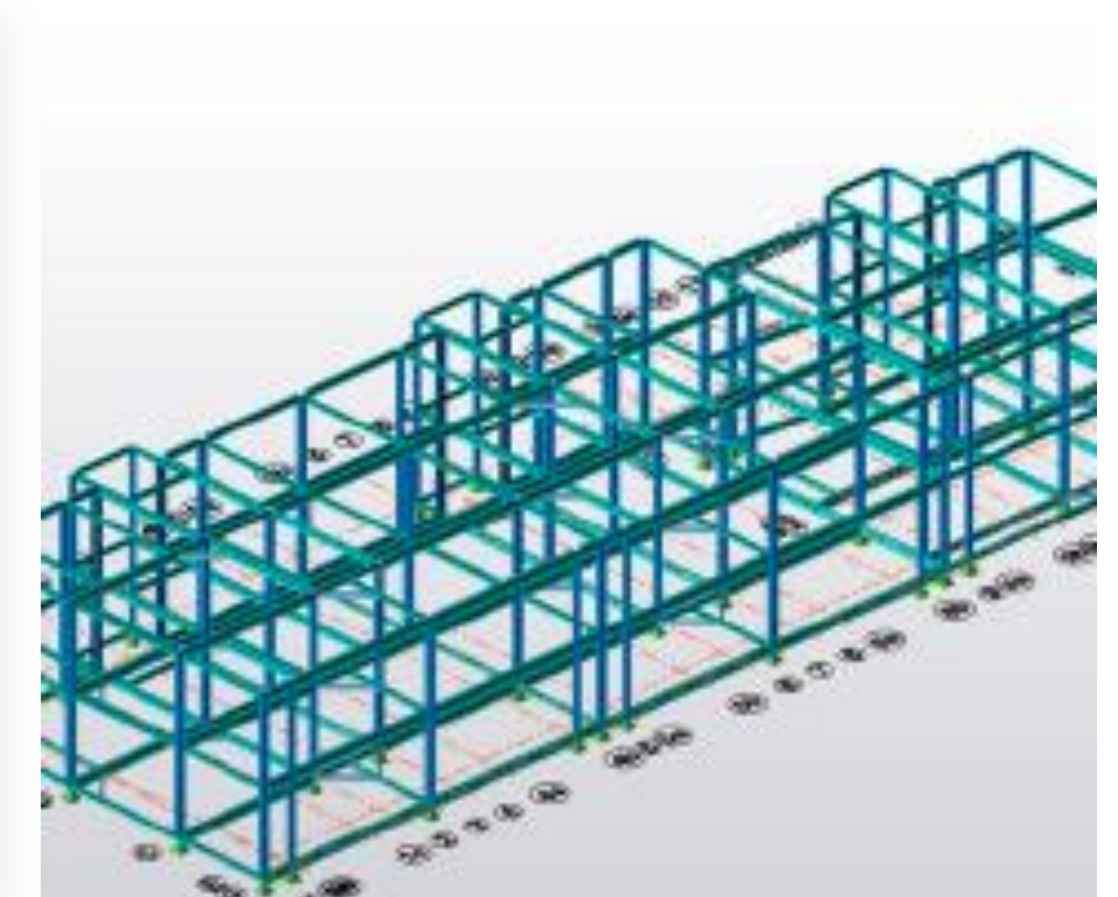
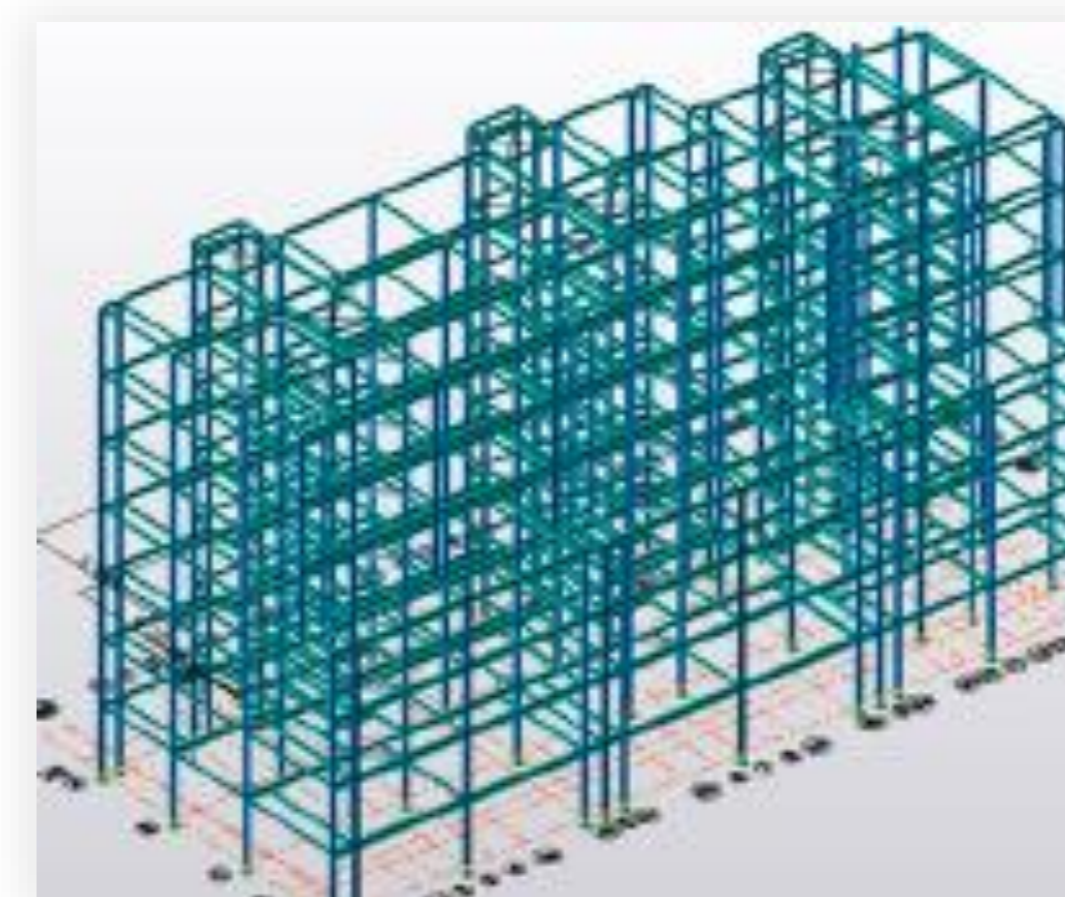
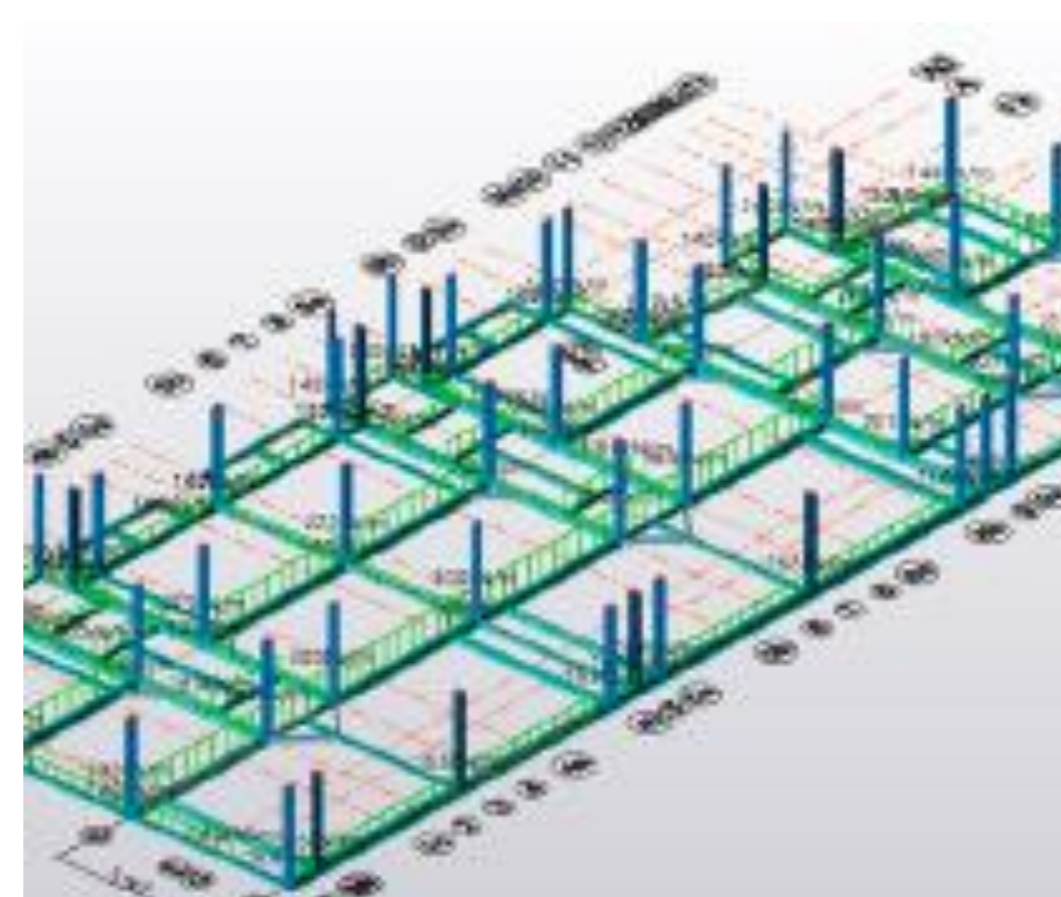
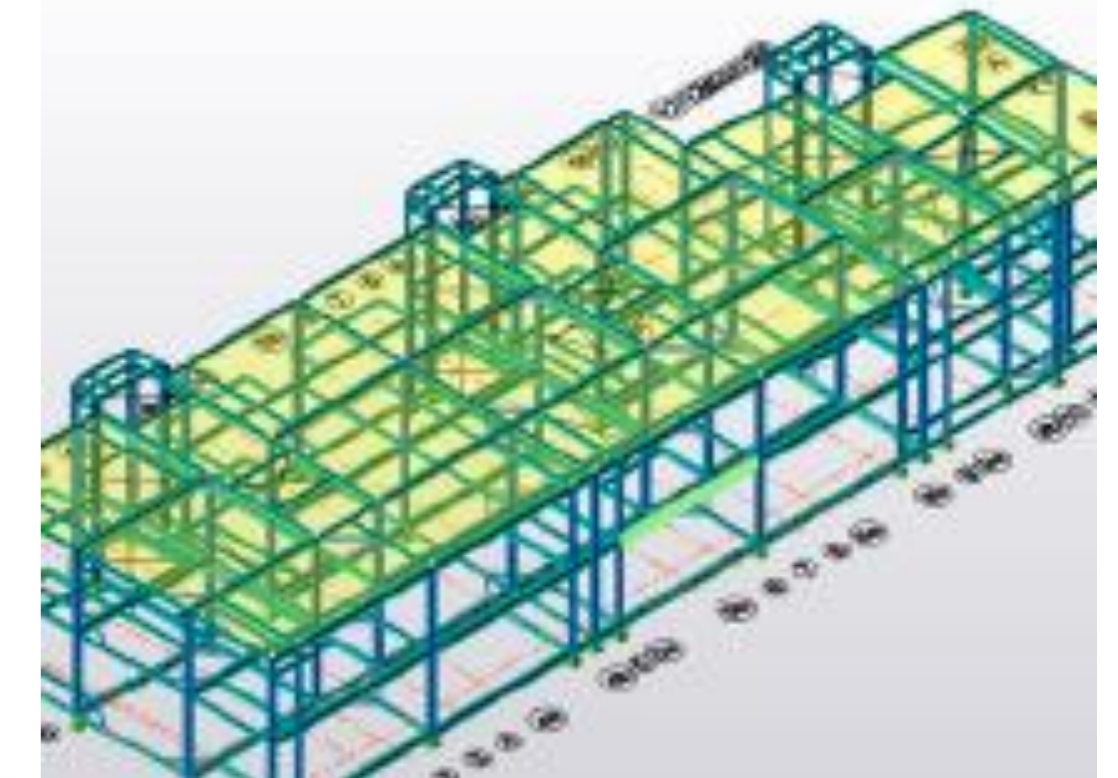
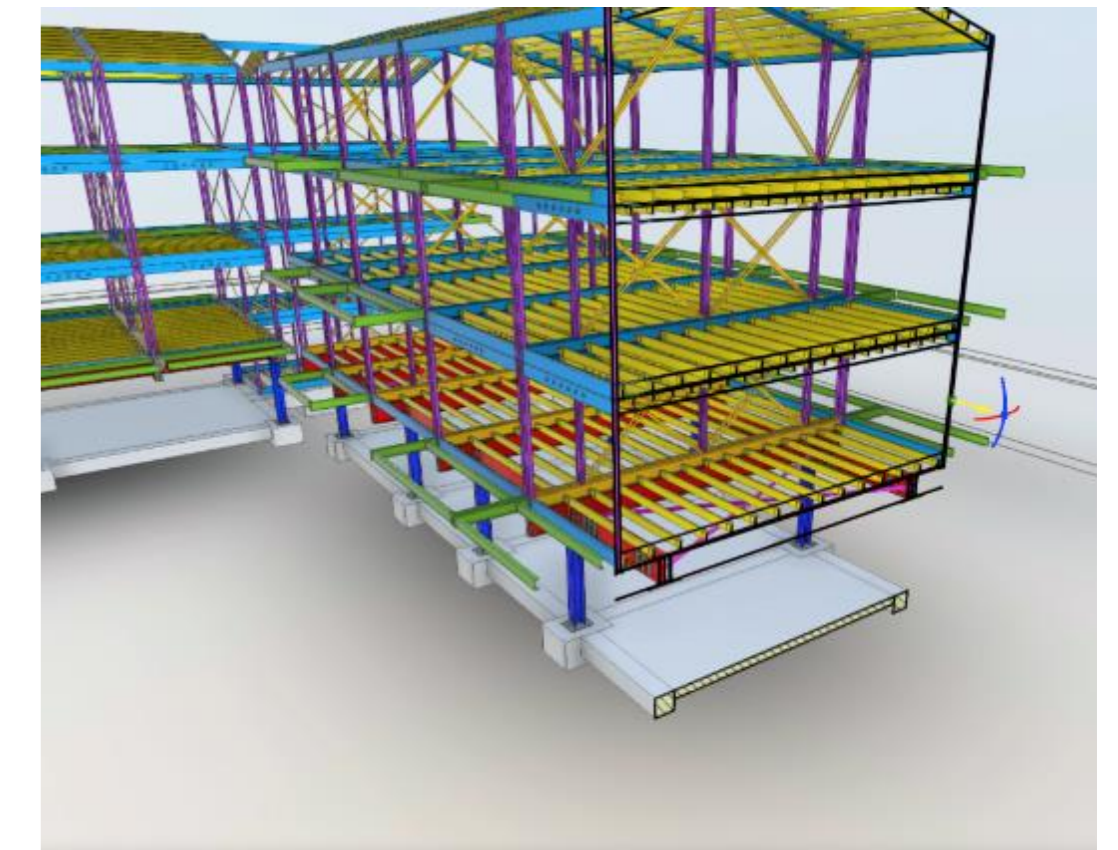
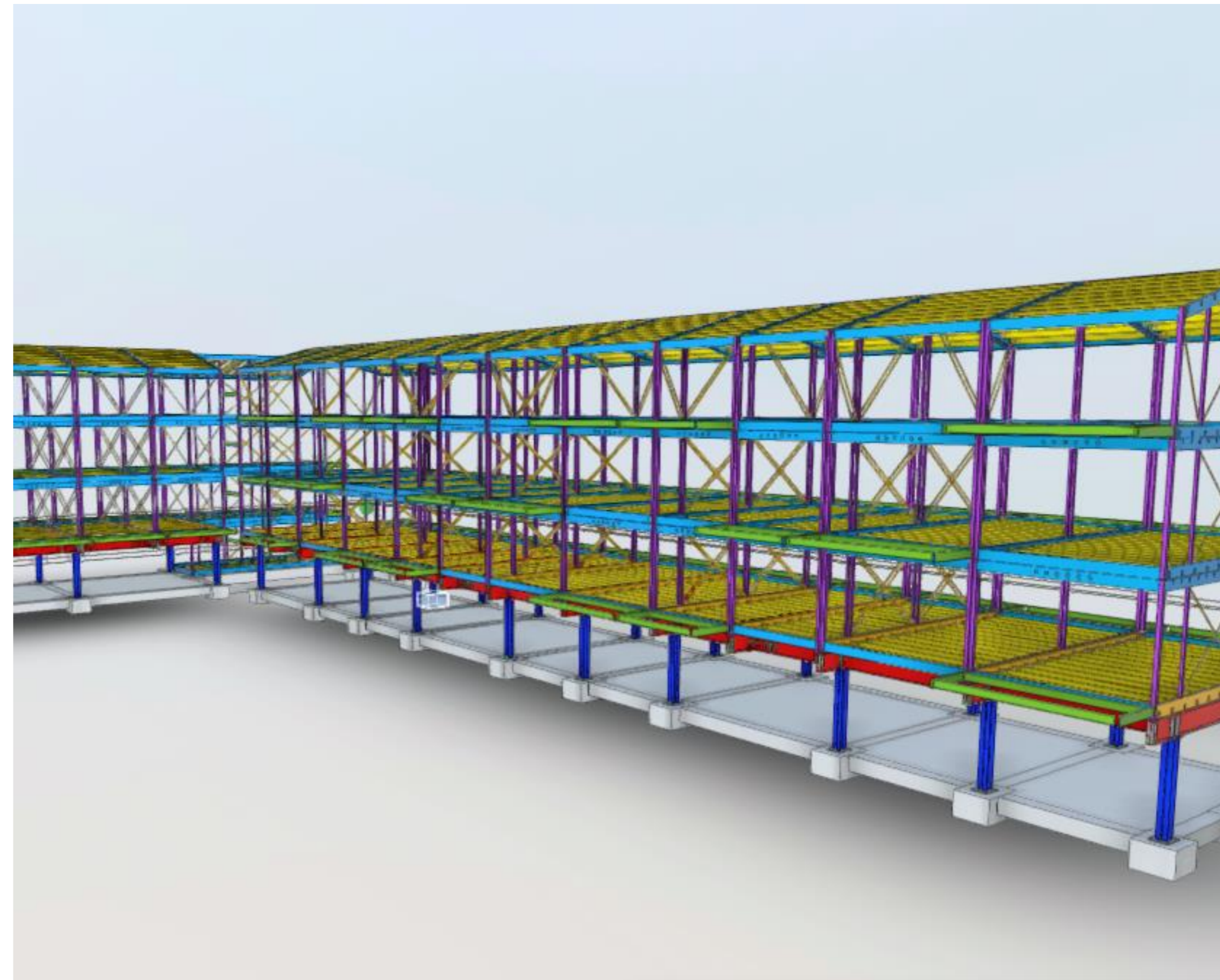
Location: United Kingdom

Client: PRIVATE

Scope of Work: BIM Structural Model

Brief Description:

Building Information Modelling (BIM) takes on a transformative role in the development of a sustainable block of flats. This approach encompasses architectural, structural, mechanical, electrical, plumbing, and other key disciplines to create a harmonious, eco-conscious living environment.



Flood Defence

Structural and Civil Engineering
Design for Thames River Flood
Defence - London Residential
Development

The flood defence system for the Thames River in London, designed for a residential development comprising 333 flats, exemplifies a monumental undertaking in engineering excellence.

This comprehensive project integrates advanced structural and civil engineering solutions to provide robust protection against the potential hazards of flooding.



Flood Defence

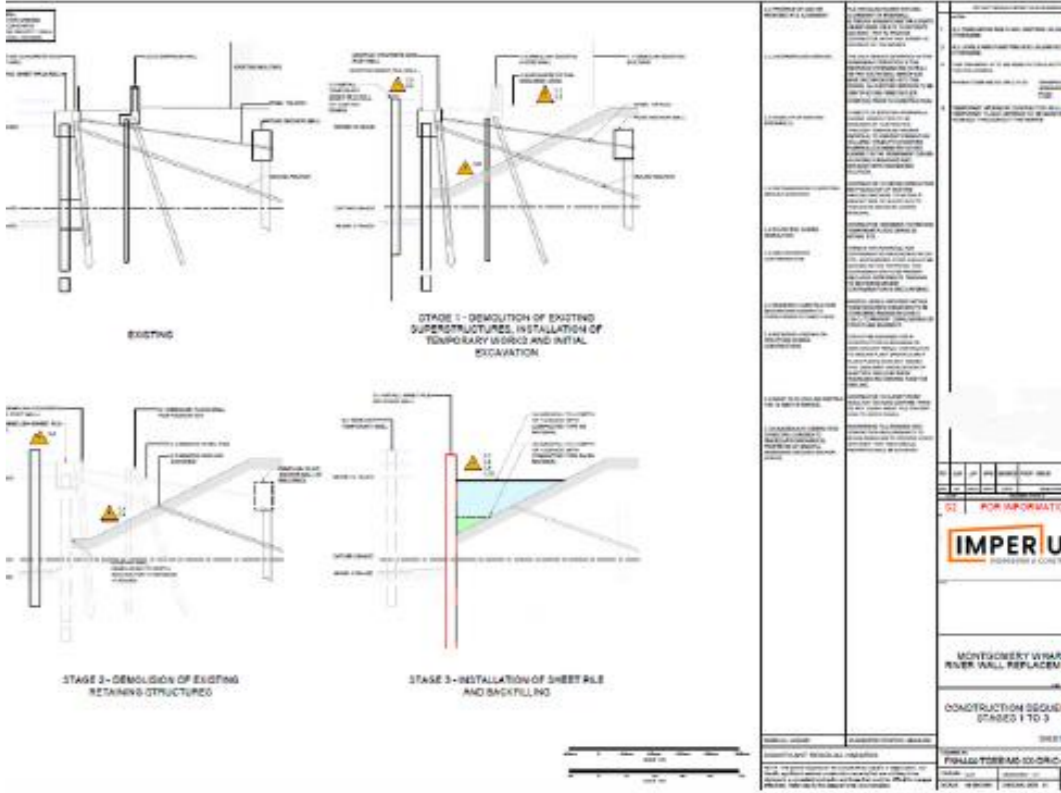
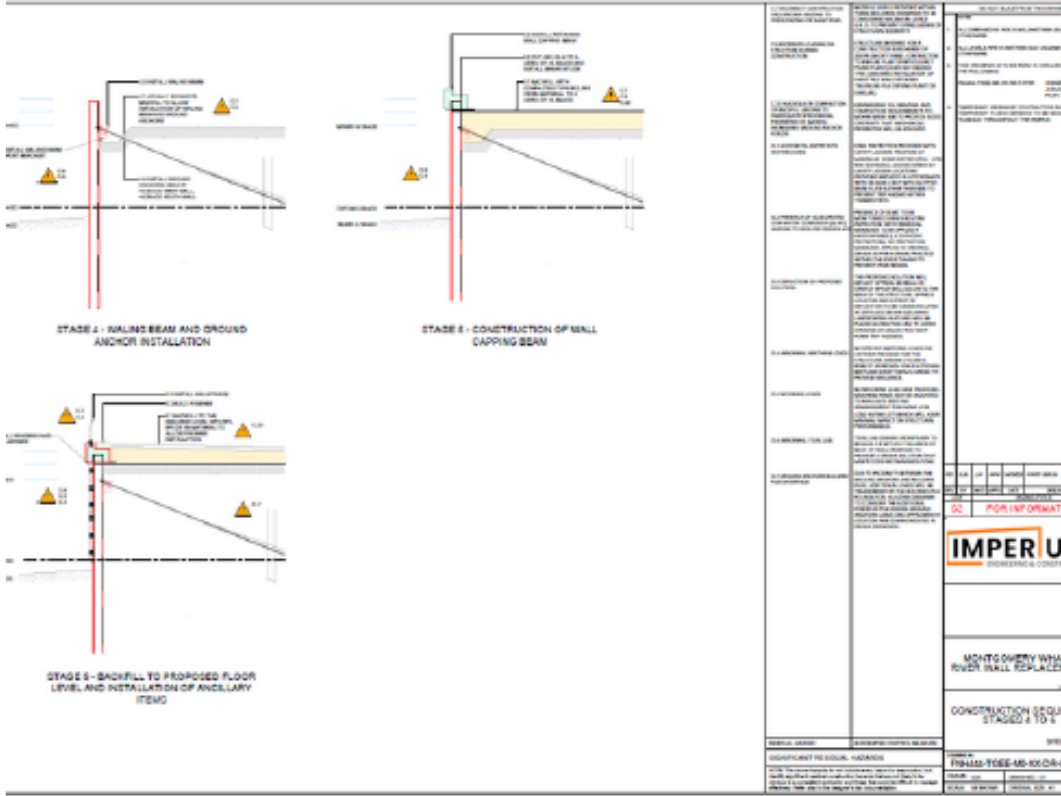
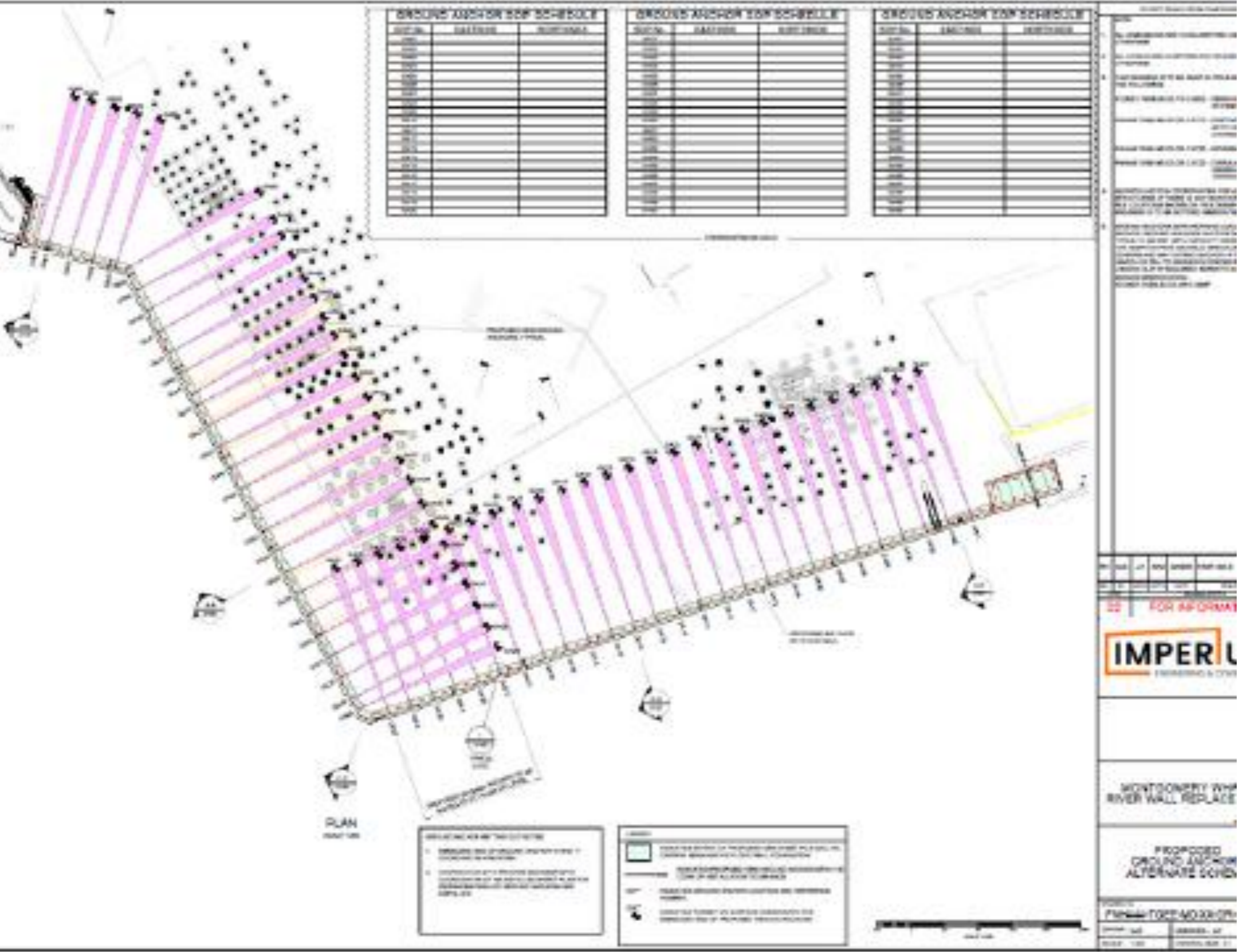
Location: United Kingdom

Client: PRIVATE

Scope of Work: Structural and Civil Engineering Design Fair View Flood Defence

Brief Description:

The civil and structural engineering design for a flood defence scheme is a comprehensive endeavor focused on safeguarding communities and infrastructure from the devastating impacts of flooding. It involves the meticulous planning and implementation of various measures to mitigate flood risks effectively.



Bradfield Project

Imperium Engineering have been appointed to carry out the structural design and calculations for the 19-storey building at Royal Docks London.

The development of the project was progressed in accordance with IStructE Plan of Work (RIBA Plan of Works 2020) with all stages been taken into consideration by Imperium Engineering and in coordination with all associated members of the project.



Bradfield Project

Location: United Kingdom

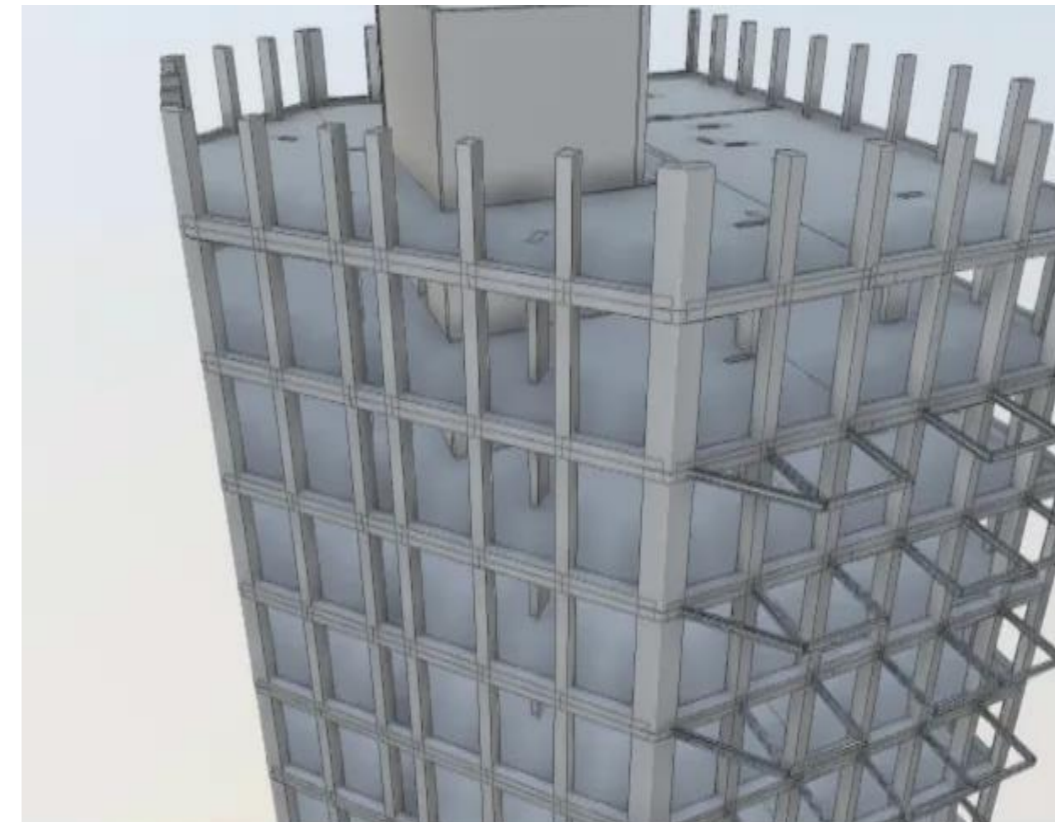
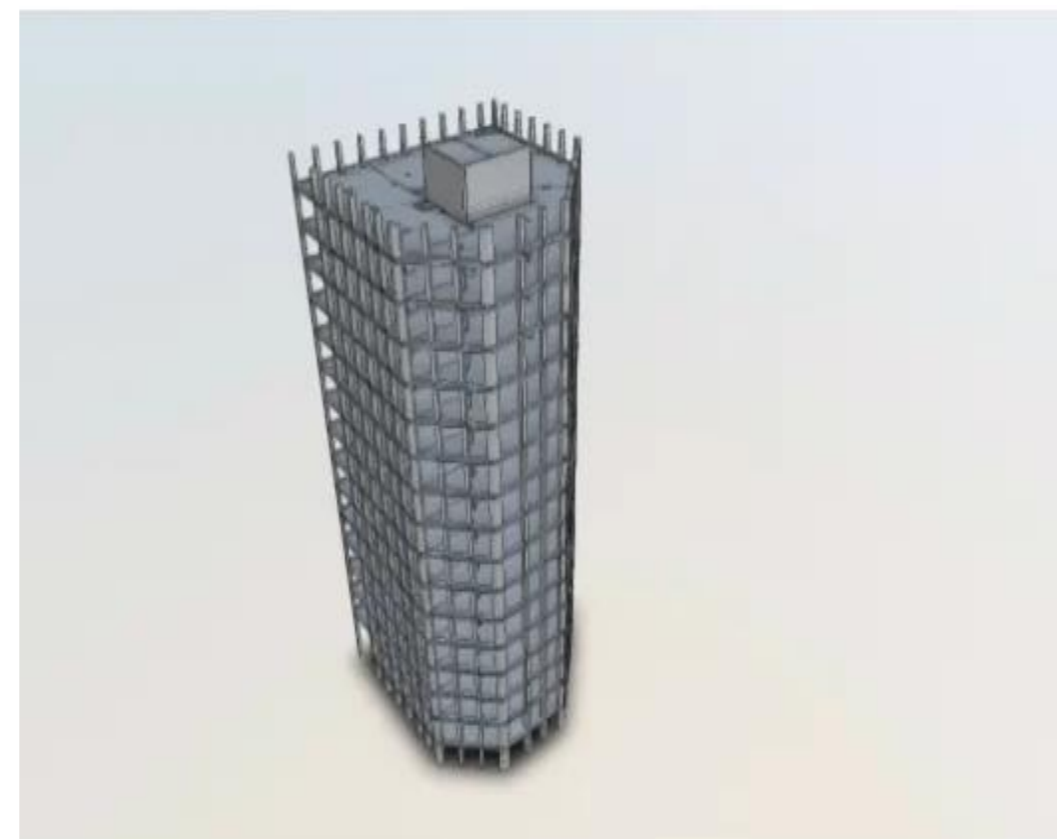
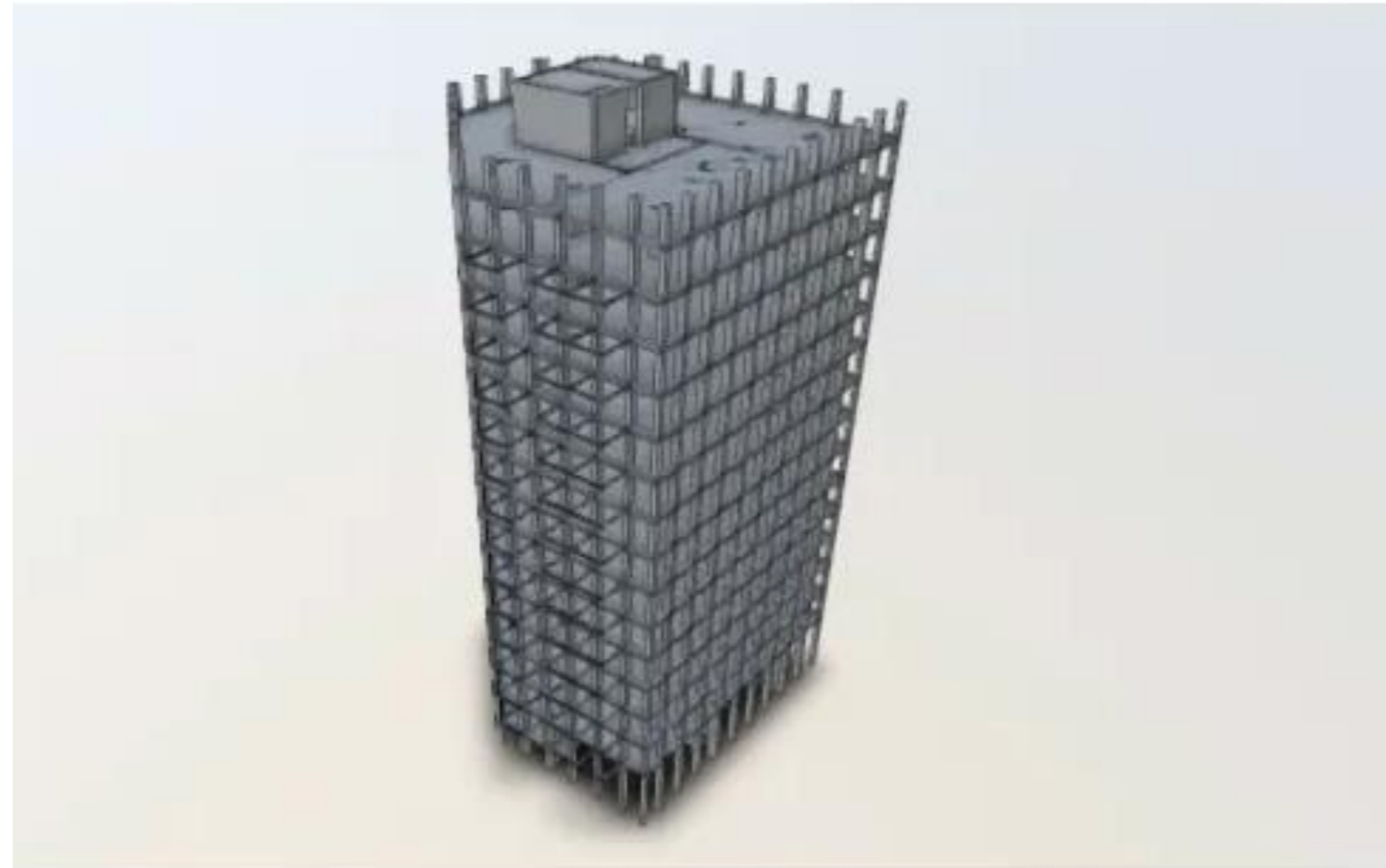
Client: PRIVATE

Scope of Work: Structural Designs

Brief Description:

Civil and Structural Engineering
Design for Multi-Storey Tower in
Canary Wharf:

The civil and structural engineering design for this striking multi-storey tower in Canary Wharf exemplifies a fusion of architectural grandeur and engineering precision. The project stands as a testament to our commitment to creating iconic and structurally sound residential spaces.



PMO & PMC projects



AIRBUS

Included access roads, parking layout, SUDs, Lighting layout changes for the carpark, EV Chargers



ABLE WASTE

Project management which included planning, waste management, project programming, site supervision and licensing agreements.



GMC

Project management to an exclusive new build high-quality hotel in Greenwich, London.



Accreditations

Imperium Engineering has many essential accreditations such as ISO 9001, Gold standard Constructionline, accredited by ICE, and CHAS.

The Institution of
StructuraEngineers



Offices

Imperium Engineering Services is based in England with 4 offices across the United Kingdom, 1 office in Lithuania and 1 office in Saudi Arabia.



London Office

20-22 Wenlock Road,
London
N1 7GU

Birmingham Office

Grosnevor House
11 St Pauls Square
Birmingham
B3 1RB

Manchester Office

City Tower
Piccadilly Plaza
Manchester
M1 4BT

Kent Office

Suite III
Epsilon House
Rochester
ME24HU

Lithuania Office

Lšiauliai,
Vasario 16-osios g. 39-7,
LT76350

Saudi Arabia Office

8775 Anbasah Ibn
Sahim, As Sulimaniyah,
Riyadh KSA,

CONTACT INFO



Info@imperiumengineering.co.uk



Phone: +44 203 441 7607



www.imperiumengineering.co.uk