



# EOS Facade Steel Framing Systems

## Stud & Track/Frame

### Design Service





## Fully Comprehensive Design Service

When you choose the EOS design service you procure a detailed, professional design service which will provide both you and your project with an unparalleled level of support from a dedicated team of professionals.

### What does the service cover?

#### Drawings

- Detailed section and elevation drawings for all the areas which have steel on your project.
- All of the drawings will be passed through the required approval procedures, this will allow you to commence on site with the knowledge that all the drawings etc have been approved by the Architect & Structural Engineer.

#### Structural

- Fully detailed structural calculations in accordance with BS5950 which have been certified by one of EOS's Structural Engineers. Again these calculations will be presented and agreed with your client's engineer prior to you commencing on site.
- The structural calculations will cover all aspects of the, stud & track, wall framing section, flooring, roof, structural openings, fixing design & specification, bracket & cleat design and specification.

### What is not covered?

Certain work may be excluded from our service and may attract additional fees these are typically:-

- Complex & badly detailed areas of work.

- Additional hot rolled steel.
- Setting out on Site.
- Exceptionally high dwarf walls & parapets which may need specific purpose made bracket design.
- Areas which have a high loading requirement e.g. 'man safe' systems etc

### The information you need to supply.

With all design we like to be involved as early in the project as practicably possible to enable us to assist with the design and value engineering; therefore we will need the following information provide to us as early as possible:-

- Architects drawings in DWG format.
- Structural Engineers drawings in DWG format.
- Site address & post code for wind load calculations.
- Maximum live load deflection values.
- Details of all sub contract designers whose products interface with our frame. (names & contact details)
- Window & door schedules.
- Programme & sequence of work to allow us to phase our design work to suit your programme.
- Architects & Engineers details specifically applicable to your work and any product or activity interfacing with same.
- Lead times for Architect & Engineer approvals.

## Timescales

As every project will be different in its size and complexity, and we will agree programme times for the design with you on a project by project basis.

## Cost of the Service

Generally we will charge you a rate of £1.50 m<sup>2</sup> over the gross surface area of the building (walls, floors & roofs) however we reserve the right to review each project based on the complexity of the structural engineering. We will discuss this with you at the time and agree the relevant fee prior to commencing work on the project.

## The Process

Once we have agreed timescales and fees and are in receipt of your order the design process can begin.

This process consists of the following:-

- Preliminary designs
- Release of initial designs
- Requests for information (RFI'S) where details are unclear or further information is required.
- Issue drawings to you/Architect for comment.
- Architects comments incorporated in the design and re issued for final approval.
- Sign off of design to allow the project to go to full construction status which will then allow material & product procurement to begin.

At EOS we endeavour to make this process as easy and hassle free as possible and will allocate a project specific designer to work with you from inception to completion.



# Elementary Basic Design Service

When you buy your materials through EOS, you can be sure that you are getting the most robust and cost effective solution for you project every time.

Our basic design service includes:-

- Review of Architects & structural engineers drawings.
- Undertaking a structural appraisal of the scheme and providing calculations to support same.
- Providing two drawings of the typical sections and associated connection details associated with the scheme.

## What does the service include?

### Structural

A summary of the structural design with supporting calculations, with stud design based on wind loadings, opening design that covers the general construction detail of the most common door and window openings, details of fixing design and approved fixing type required to secure the panels to the primary structure.

### Drawing Details

Drawings will be provided in a PDF format

- We will provide a maximum of 2 panel drawings showing the most common conditions on the project i.e. stud type and specification, construction details for heads, sills, and jambs.
- Project specific connection details.

### Timescales

Once you have provided us with the drawings and the correct level of design information (we need this before we can proceed); you can expect a response from our estimating team within 7 days.

### Cost of the service

We provide this service free of charge however terms and conditions do apply and the scope of our supply is restricted.



## The information you need to supply

- Architects and Structural Engineers drawings in DWG format.
- Site address and post code – to enable us to establish location for wind loadings.
- Maximum live load deflection value if applicable.

## What is covered in this service?

This service is provided without prejudice and is limited to the drawings and information provided by EOS and does not offer any extension of the Professional Indemnity Insurance or any other areas of work that is not covered in the drawings.

EOS will not accept any responsibility for areas of work which fall outside the original scope of works, specification, and or drawings etc. The liability for such work rests wholly with the Client, and EOS will accept no responsibility for any costs incurred by any party arising from incorrect interpretation of the data, its application in areas not covered by the drawing submission, remedial works required at the request of EOS or any other organisation or Company.

Any further design work requested by the Client outside the original scope of works will be subject to design charges at the current rates prevailing at the time the work is done/requested.

## For Further Information

Please contact us.

Telephone 01325 303030

Email [enquiries@eosuk.org](mailto:enquiries@eosuk.org)

# Standard Terms & Conditions for Design



## 1. Design Service

EOS will agree with you (client) the scope of works for the design service before commencing the project.

There are two levels of design service available to you.

- a. Elementary Basic Design.  
For this level of design EOS will provide a design service as outlined in their document (Design Service -basic)
- b. Fully Comprehensive Design Service  
For this level of design EOS will provide a design service as outlined in their document (Design Service-fully comprehensive)

For the fully comprehensive design package there is a minimum charge of £1250.00 for all work undertaken.

## 2. Conditions

EOS will require the following information before they will commence the design work:-

- Architects & Structural Engineers drawings in DWG format.
- Wind Loadings
- Live Load deflection ( Max)
- Build programme & and phased scheduling.
- Window & door schedules.
- Details of Architect approval procedures.

Detailed design will commence once all the information has been received and all the terms and conditions met.

EOS will submit a schedule of dates for deliverables based on the information provided.

EOS reserve the right to amend these dates should programme requirements change, outstanding information or approvals is delayed, or if the scope of the work is changed.

## 3. On Site Survey

On site surveys are specifically excluded from the scope of work included in the design services offered by EOS and it will be the client's responsibility to provide timely and accurate surveys to the EOS design office.

On site surveys can be carried out by EOS under a separate agreement however this service will attract another level of fees.

## 4. Structural Engineering

EOS will submit structural engineering calculations that will substantiate the design of their system for performance of:-

- Wind Loading
- Imposed loads of finishes
- Imposed loads of glazing
- Specified common fixings used within their system

In addition to the above when the level of design is Fully Comprehensive the calculations will substantiate the design of their system for performance of:-

- Supporting & structural brackets
- Specialist fixings

Any special structural calculations which are requested that are in addition to those shown above may incur an additional charge, EOS will identify this to you and advise you of these charges. Any request for additional work of this nature must be accompanied by a separate purchase order to cover the additional work & fees involved.

## 5. Variations & Change Orders

Any design work which is deemed to be outside the agreed scope of works and not covered by the original purchase order will be subject to additional charges. EOS will let you know of any variation/change orders and advise you of the additional charges before commencing this work.

All variations / change orders will be advised to you on a Change Control Form which must be signed & returned to EOS before this additional work can commence.

## 6. Design Liability & Professional Indemnity

EOS will only accept design liability for their work only and only when all the terms and conditions have been met. This liability only extends to the design work and not the installation or quality of craftsmanship on site. As part of their audit process EOS may from time to time make site inspections to assess the quality of the installation, the findings of which must be accepted and any necessary remedial work undertaken by the client and completed to the satisfaction of EOS.

EOS do not offer collateral warranties against installation, EOS may however enter into a separate agreement to inspect and audit on behalf of client/end user of the building any fees incurred as a result of this will be subject to separate charges.

Professional Indemnity Insurance is provided for design only and EOS can provide evidence of same on request.

# Disclaimer Notice

## 1. Definition of Terms

### 1.1 The Company

Engineered Off-Site Systems Ltd (EOS),  
Heighington Lane,  
Aycliffe Industrial Park,  
Newton Aycliffe,  
Co Durham,  
DL5 6QG.

### 1.2 The Client

The company or person who places the order with EOS

### 1.3 Information Drawing Submission

All of the design information submitted by The Company (EOS) to the Client.

## 2. Company Design Liability

The responsibility for the structural design on a project undertaken by the Company is limited wholly and entirely to the information drawing submission. No responsibility will be accepted for any area of work not covered in the drawings either in part or in whole.

The Company will accept no liability for any financial loss or injury to person(s) or property incurred as a result of faulty or sub – standard installation resulting in a failure of the system.

The Company's design liability is limited to areas of work covered by the information drawing submission and structural calculations provided by the Company.

## 3. Client Responsibilities & Liabilities

**3.1** The client must inform the appropriate and responsible person(s) to whom they are contracted of the scope of works offered by the Company under this agreement and to make available a copy of the signed disclaimer notice to such person(s).

**3.2** The adequacy, performance and application of fixings specified by the Company are to be verified by the client with the product manufacturer.

**3.3** The Client accepts to ensure that both materials and fixings outlined in the information drawing submission are installed in accordance with this submission and the manufacturer's guidelines as a minimum performance requirement. Failure to observe this requirement will render the Client fully responsible for any claims arising as a consequence.

**3.4** The client accepts the terms and conditions of service as described by the Company documentation without amendment or exclusion.

**3.5** All additional work carried out by the Company in connection with design at the request of the Client are subject to our standard terms and condition of sale for design work.

**3.6** The Client has a duty of care to inform the Company of any changes to design, loadings, or specification to ensure the safety and performance of the system is not compromised. Any such changes will be subject to charges as outlined in our standard terms and conditions for design work.

**3.7** The client should not alter, amend or change the information drawing submission; any changes to same will render all responsibilities and liabilities to the client.

**3.8** Copying or reproduction of the Company's information, drawings or any other documentation belonging to the Company is strictly prohibited and permission must be sought from the Company, in writing in advance before any such reproduction or copying is undertaken.

**3.9** The Client accepts the terms and conditions as described in this document without reservation, amendment or exclusion.

## 4. Required Signatures

Signed on behalf of the Client

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Signature

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Name (print)

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Date

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Position