



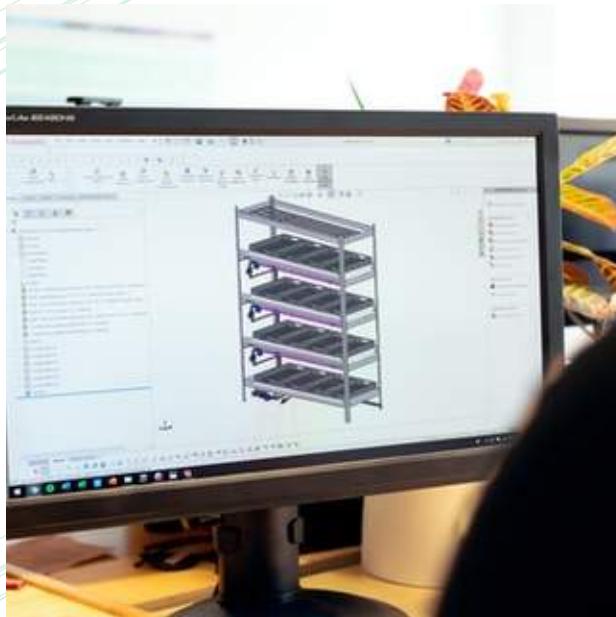
# GREENWAY

## ENGINEERING SERVICES

DESIGN & DETAILING

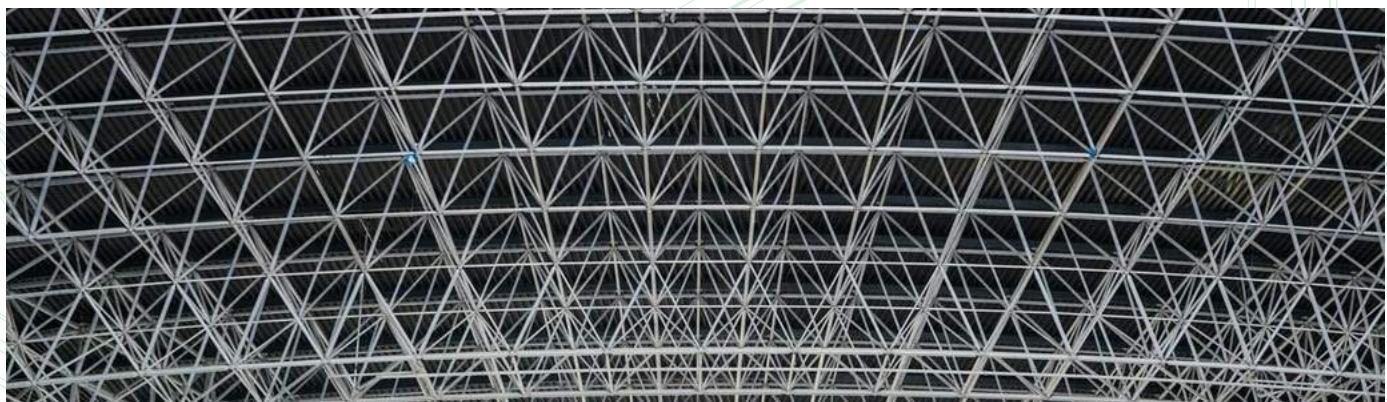
[WWW.GREENWAYENGG.IN](http://WWW.GREENWAYENGG.IN)

# WHO WE ARE...



GES engineering services is situated in Chennai with a team of experienced Project Managers, Structural Engineers, Technical Modelers, Detailers, and Checkers. GES offers a wide range of services which include Design & Detail Engineering Services, Connection Design, Steel Detailing.

GES delivers constructible models and drawing packages with workshop details used by Steel and Precast fabricators. GES expressly dedicated to catering to its clients spread across India, the US, Singapore, and Abu Dhabi.



**“ We strive to think from the customer's standpoint to provide quality and on-time service giving attention to detail. ”**

Our Structural BIM Modelling services are versatile and multi-material and delivered from our experienced team of modelers in structural steel, The BIM model generated contains 3D data and object attributes developed using BIM software.

The BIM Model generated is used from conceptual planning to fabrication. This includes Construction and maintenance, Design, Detailing and Collaborating with project members and third parties (Architectural, MEP, and Plant tools). The BIM model generated has less waste, better quality, and is more productive through reliable and accurate online data.

In BIM Modelling services, we strive to think from the customer standpoint to maintain high quality and ensure on-time delivery at competitive prices.

# WHAT WE DO...

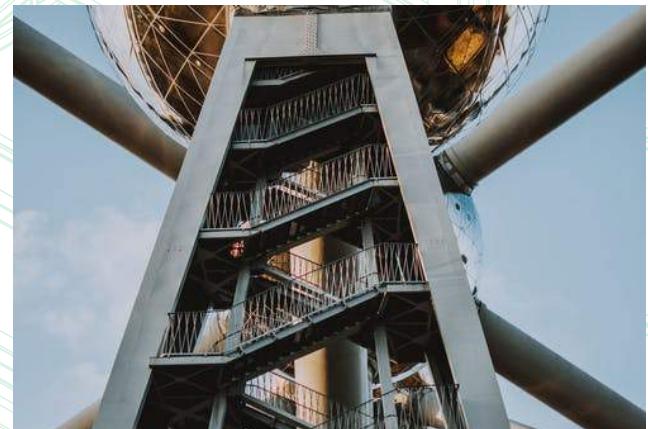


## Structural Steel Detailing

We are flexible to work with different requirements and project sizes, from small structural assemblies to whole buildings and industrial facilities. Our understanding of the complexities of large structures and their interrelations with other disciplines allow us to manage the detailing process efficiently.

## Miscellaneous Steel Detailing

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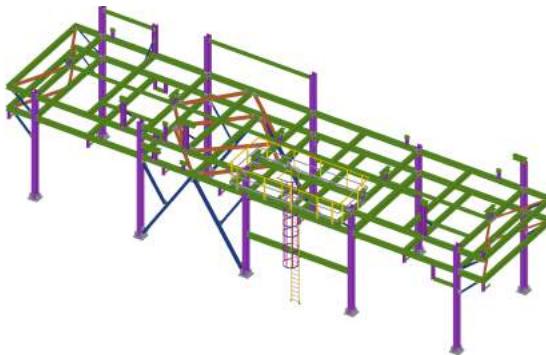
## Expertise

- AISC - Commercial Buildings
- AISC - Industrial and Oil
- Oil & Gas Modules
- Petro Chemicals
- Staircase, Spiral Stairs
- Commercial Buildings
- Conveyor Structures
- Gas Structures - Misc. Structures
- Rectangular Platforms
- Ladders
- Power Plants Offshore Platforms
- Circular Platforms

# DELIVERABLES

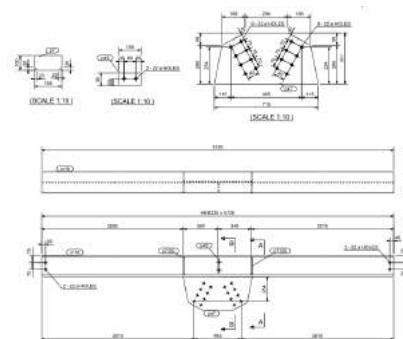


## 3d Structural Model



Conceptual and detailed data-rich 3D models to achieve smooth co-ordination with other disciplines and allow steel fabricators and erectors to visualize in advance any potential issue.

## Fabrication Drawings



Clearly presented drawings that show all information required to efficiently fabricate each steel part and all assemblies.

## Erection Drawings



Clear and accurate drawings showing tagged steel assemblies with necessary sections and elevations to clarify erection sequence.

## Materials Take Off



Based on data obtained directly from the 3D model, we can create accurate custom material reports. It is also common to export data to facilitate material sourcing and fabrication planning.

# DELIVERABLES

## Custom Reports



We can prepare specific reports to manage materials, parts, assemblies, bolts, shipping or another relevant information stored in the 3D model.

## CNC Files



We can generate DXF and DSTV to automate fabrication processes as drilling, marking and cutting.

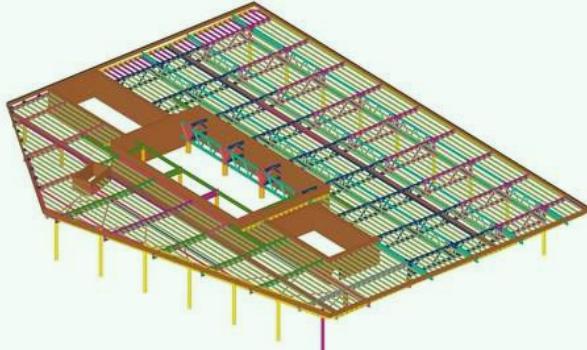
## Vision

To be a recognized company specialized in steel detailing.

## Mission

To make the construction process more efficient by providing accurate fabrication and construction documents.

# PROJECTS



COMMERCIAL- UK

## ROOF STRUCTURES



Weight

180 TON

We have worked in the commercial project of proposed 6-story sport center comprising stadium, Indoor sport hall, Team sport hall, Swimming pools, Tennis courts and childcare facilities with basement carpark on lots in Singapore.

Here we worked in the Roof level, which had multiple falls with one degree sloped alignment of trusses. Primary members and Trusses seated on exciting concrete columns by anchor bolt connection, embedded to wall by cast in plate connection, and resting on exciting steel columns by splice connection. Pipe braces and tie rods placed along with roof slope by gusset connection.

We provided error free 3D-model, cast-in plate layouts, general arrangement plan, elevation and connection details as per clients requirements. We proposed some connection as discussed with clients for approval.



COMMERCIAL- US

## MT CONTAINER



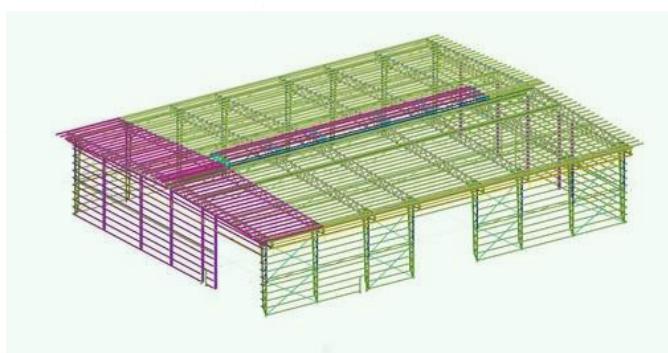
Weight

60 TON

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# PROJECTS



## PEB



Weight  
200 TON



## PIPERACK



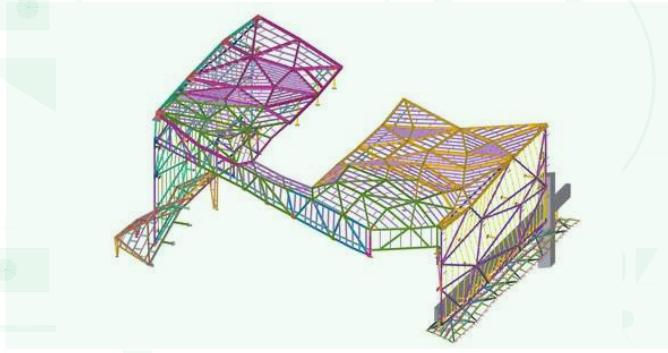
Weight  
85 TON



## PIPERACK



Weight  
110 TON



## COMMERCIAL- UK SPACE STRUCTURE



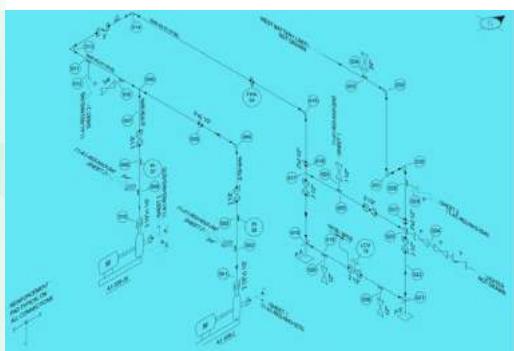
Weight  
360 TON

# PROJECTS



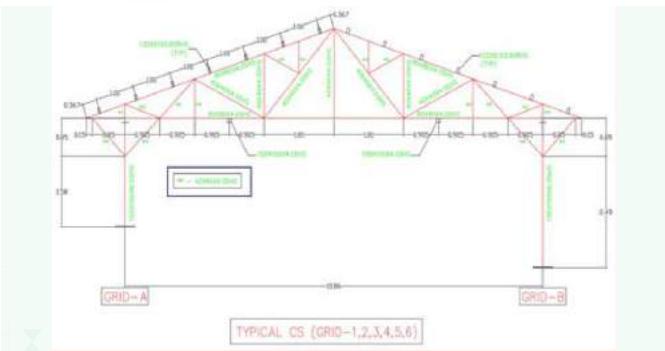
## COMMERCIAL- US TOWER

Weight  
85 TON



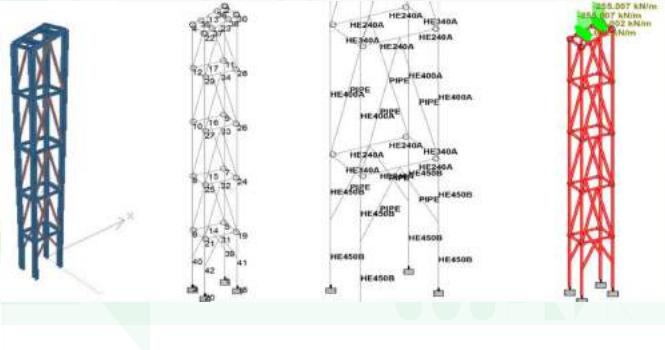
## PIPING

Drawing  
ISO- Draft AUTO CAD



## PEB DESIGN

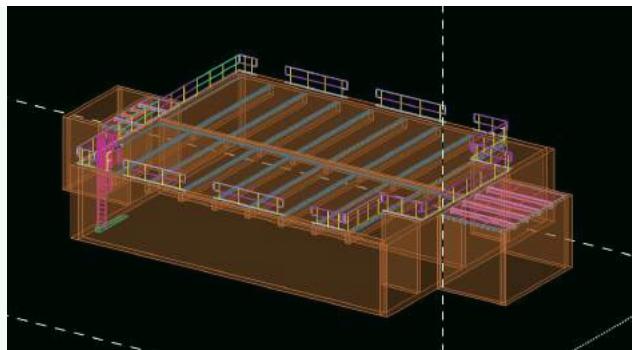
Output  
Design calculation  
Material List  
Output GA Drawings



## TOWER DESIGN

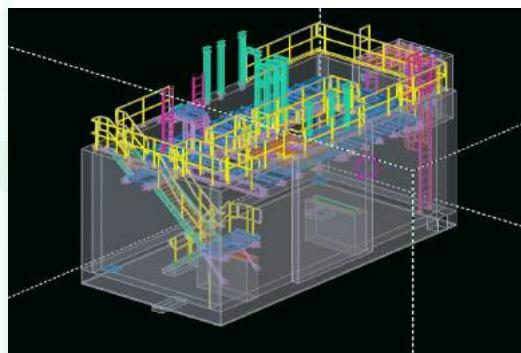
Output  
Design calculation  
Material List  
Output GA Drawings

# PROJECTS



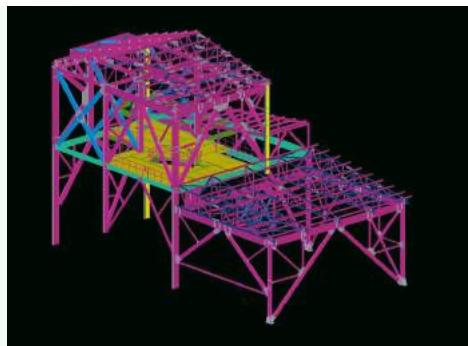
## COMMERCIAL CLOSED DRAIN DUMP PIT - 1

Weight  
50 TON



## COMMERCIAL CLOSED DRAIN DUMP PIT - 2

Weight  
70 TON



## DAY BIN SUPPORT PLATFORM

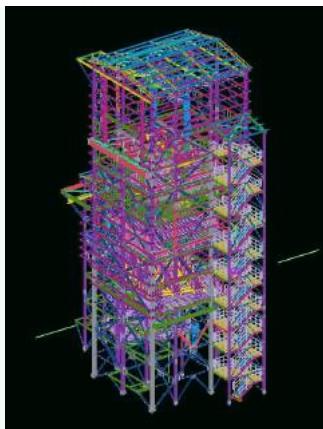
Weight  
132 TON



## GSS & VGTU

Weight  
220 TON

# PROJECTS

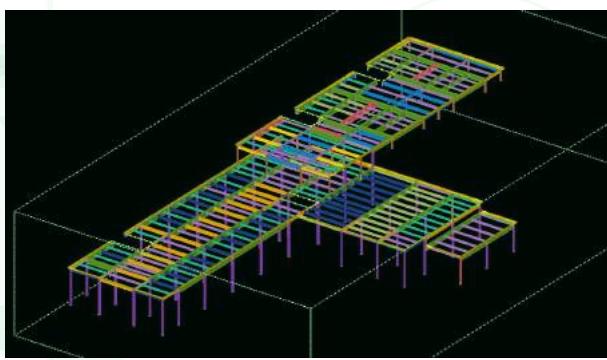


## COAL, LIME STONE & GYPSUM HANDLING



Weight

315 TON

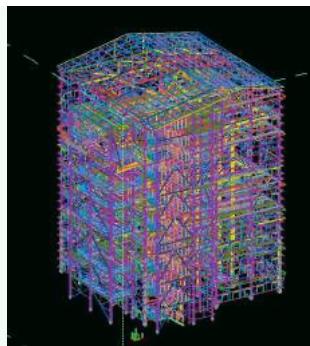


## COMMERCIAL- US RIVERFRONT BRIO RESIDENTIAL



Weight

525 TON

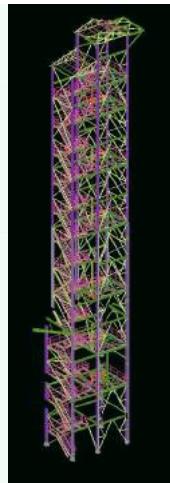


## COAL CRUSHER HOUSE



Weight

700 TON



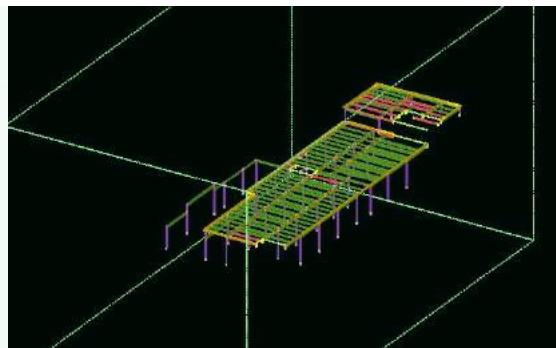
## GGBS SILO FEEDING



Weight

110 TON

# PROJECTS

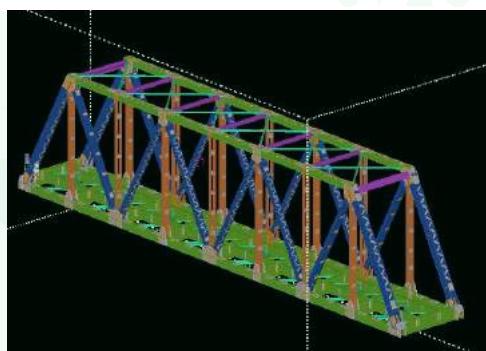


## COMMERCIAL- US RIVERFRONT BRIO HOTEL



Weight

300 TON



## RAILWAY BRIDGE



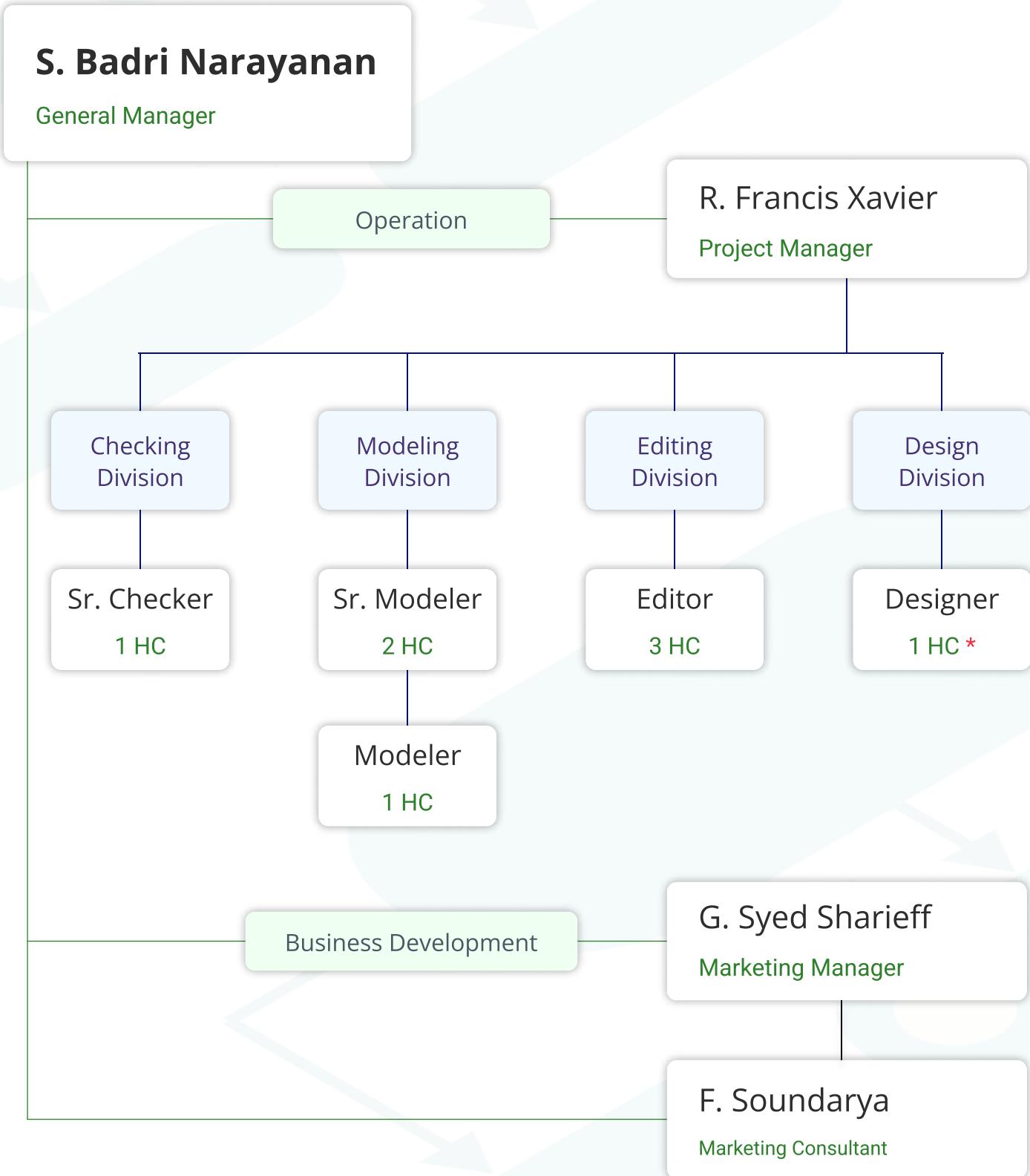
Weight

260 TON



# ORGANIZATION CHART

Greenway engineering services established at Chennai on December - 2019. However we have Checker, modellers and detailers who have more than 5 to 15 years' of experience in all type of structure design and detailing at various standards like AISC/UK/INDIAN. Our staff and software details below.



\* - Hiring of Modelers / Designers / Editors will be added for additional support based on the project requirement