

# BUILDING EXCELLENCE

WITH CONSISTENCY AND

# QUALITY FIRST



50+ Projects



2 - Manufacturing Units



75,000 MT/Annum  
Manufacturing Capacity



ISO 9001:2015  
Management System  
ISO 45001:2018  
ISO 14001:2015

[www.tuv.com](http://www.tuv.com)  
ID 9000031420

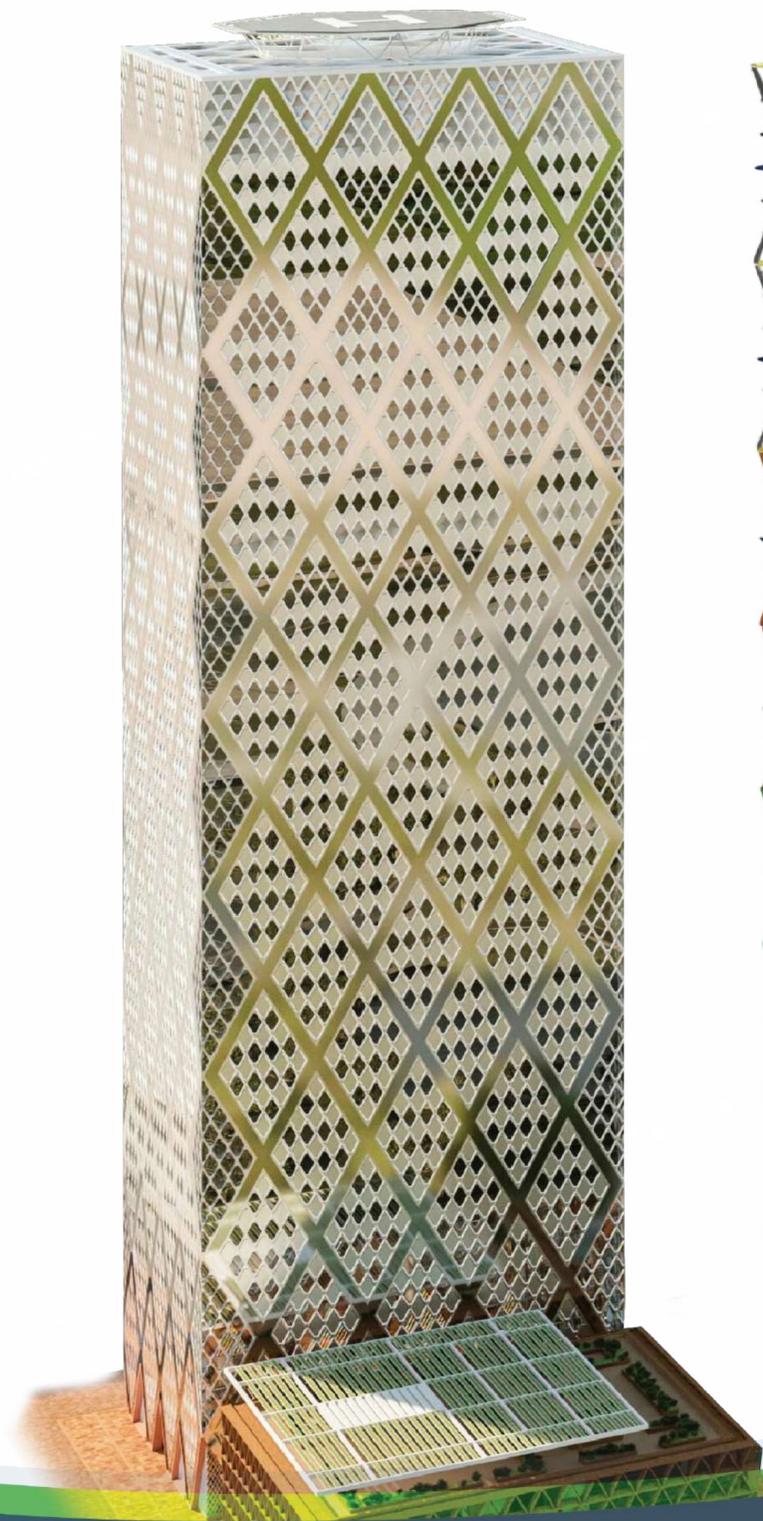




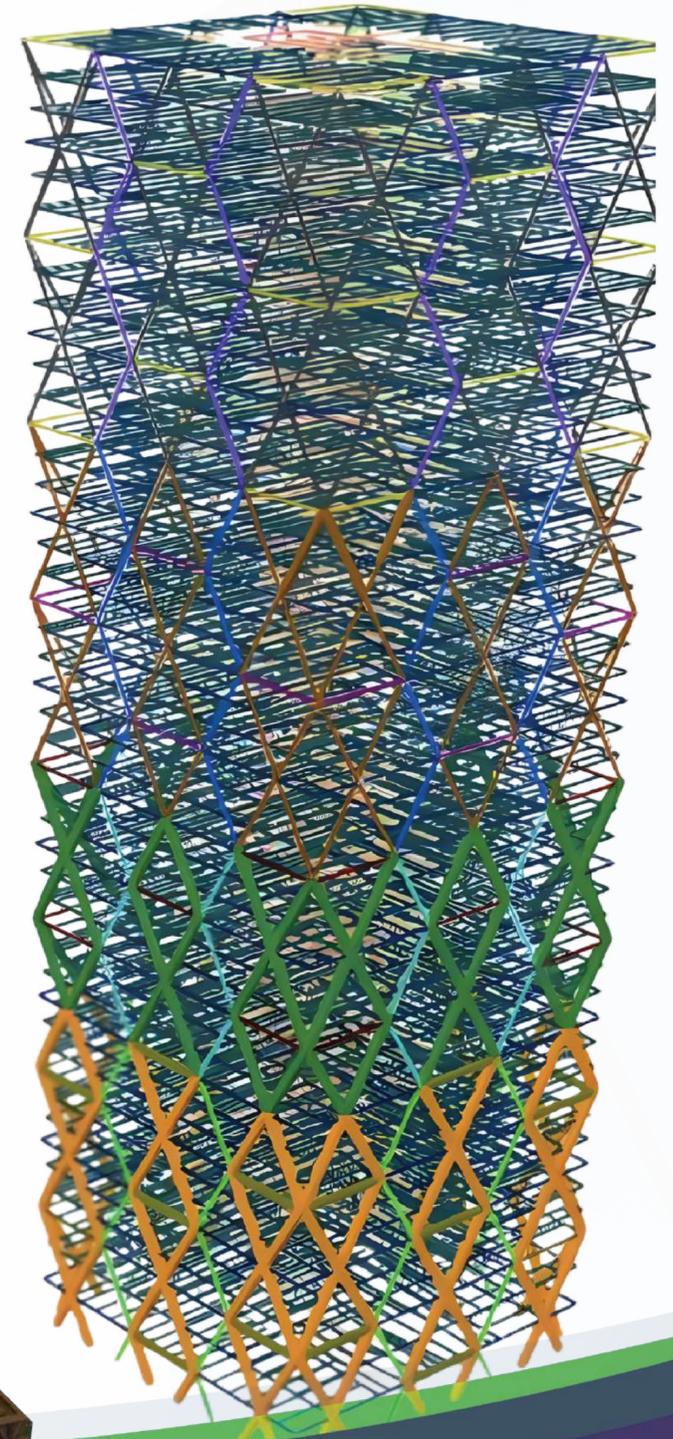
**Manufacturing Unit - II**  
📍 Amaravati

**Manufacturing Unit - 1:**  
Capacity : 45,000 MT per Annum  
Area : 1,20,000 sq.ft.

**Manufacturing Unit - II:**  
Capacity : 30,000 MT per Annum  
Area : 1,10,000 sq.ft.



Width: 47m, Length: 47m,  
Height: 218m  
Built-up Area: 11,28,219 Sq.ft.  
Tonnage: 21,000 MT



**GAD Tower - Amaravati**

Bheemaa Infra is delivering the diagrid structure and connection design for the iconic Amaravati GAD Tower, India's First diagrid building rising beyond 100 metres in height.

# WHY Bheemaa

## One - stop shop

End-to-end solution for PEB structure including civil work.



## Capacity

6,200 MT/Month, 2,30,000 sft. of Fabrication area, 2,50,000+ sft. of stock holding area.



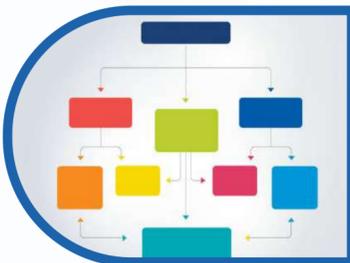
## Technology

Cost Effective Designs using TEKLA, STAAD PRO, AUTO CAD and MBS.



## Process

Centralized tracking for every phase of project execution to bring complete transparency.



## Eco-Friendly

Structures comply with at least five of eight categories described in The LEED® Program (US).



# We are Driven By

Aspire to provide excellent service to our customer partners in every day of our journey.

Passion to be an enabler by building enduring structures for your business.



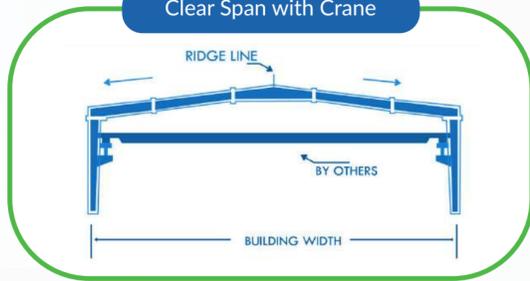
Learn, adapt and share latest technology to drive down business costs for our partners.

Strive for excellence in executing end to end solutions with emphasis on quality.

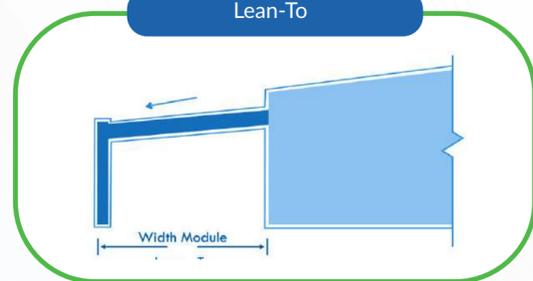
Optimize time, budget and resources with complete transparency and timely communication.

# Primary Structures

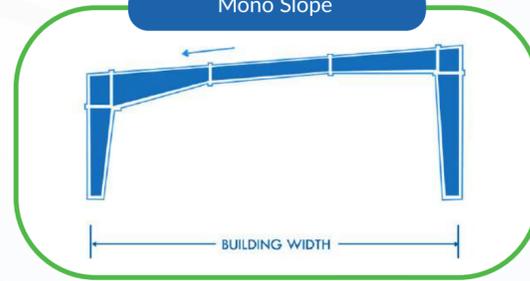
Clear Span with Crane



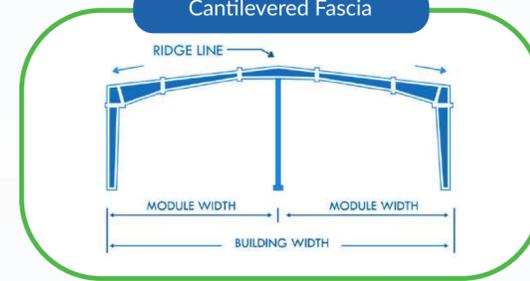
Lean-To



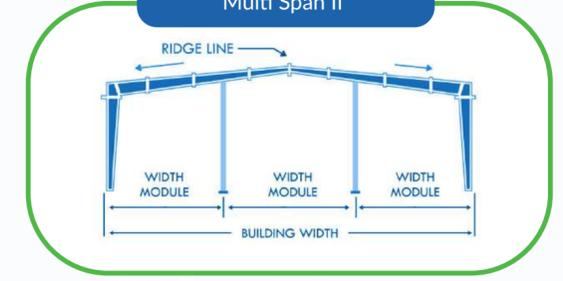
Mono Slope



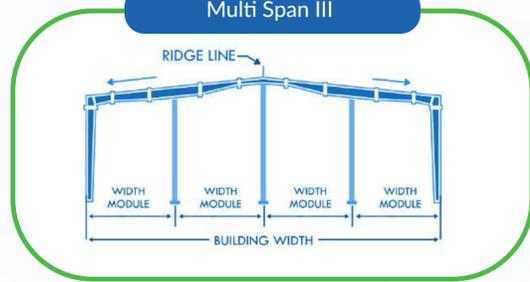
Cantilevered Fascia



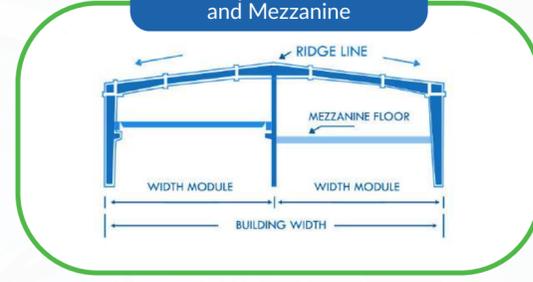
Multi Span II



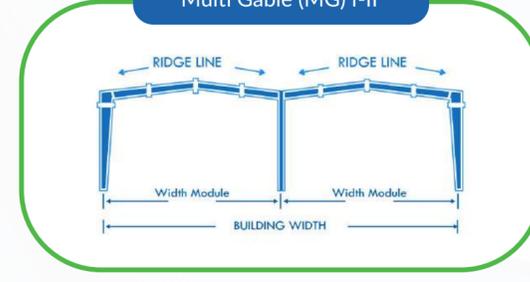
Multi Span III



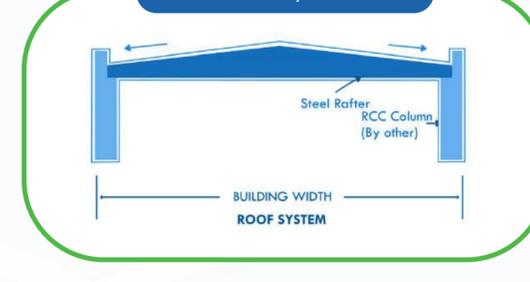
Multi Span With Crane and Mezzanine



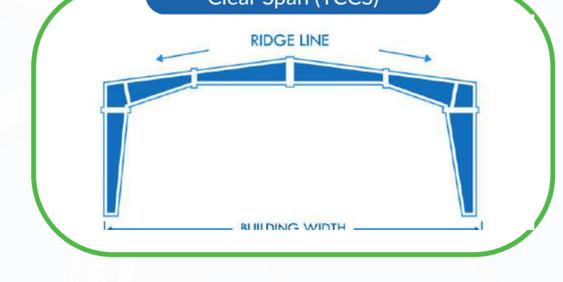
Multi Gable (MG) I-II



Rafter System

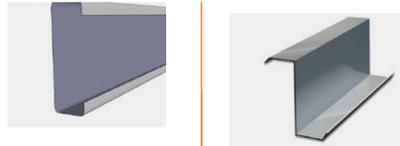


Tapered Column Clear Span (TCCS)



# Secondary Structures

Cold Formed Sections

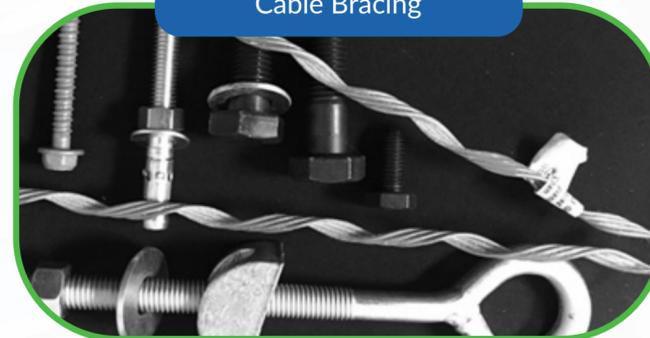


C - Purlin

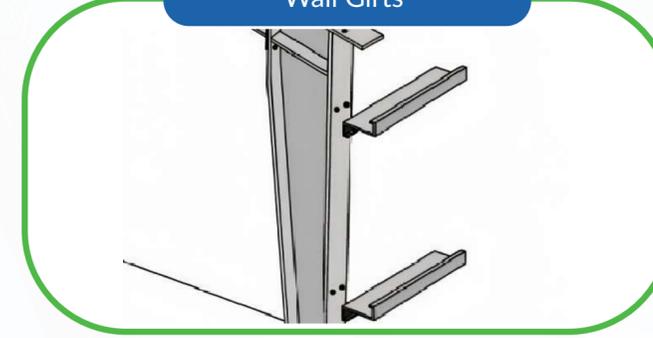
Z - Purlin

Profile: C & Z Sections  
 Thicknesses: 1.5 - 3.0 mm  
 Depth: 150mm - 300mm  
 Standard Finish: Pre-galvanized 120 / 275 gsm

Cable Bracing



Wall Girts

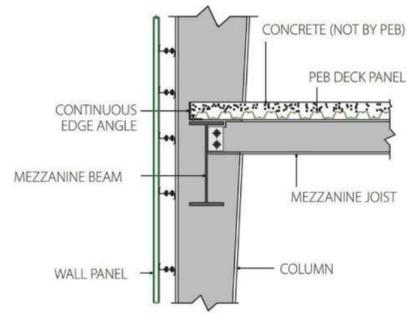


Eave Struts

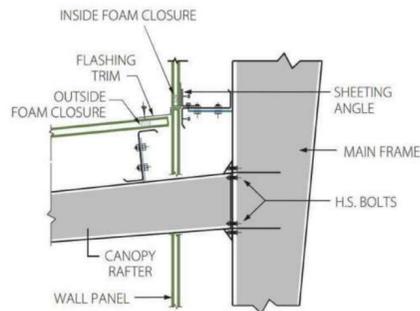


# Building Additions

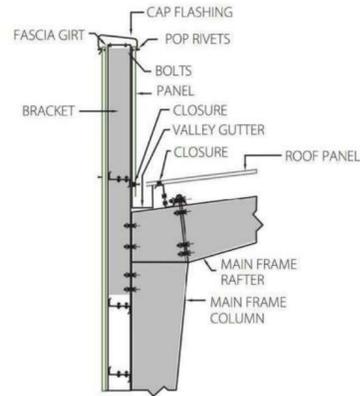
Mezzanine Joist Connection to Mezzanine Beam



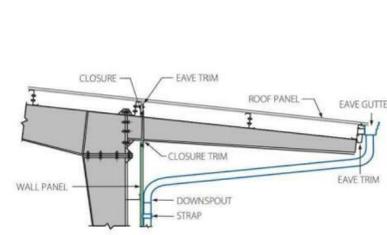
Canopy



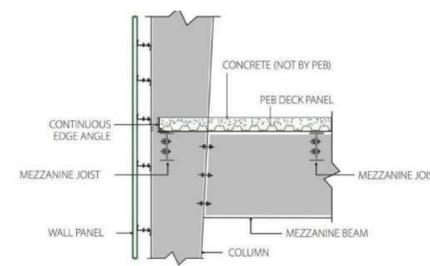
Parapet Fascia



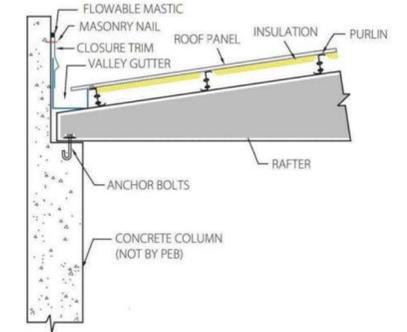
Sidewall Roof Extension



Mezzanine Beam Connection to Main Frame Column



Roof System With Insulation



# Building Accessories



Turbo Ventilator



Louvers



Louvers



Flashings



Flashings



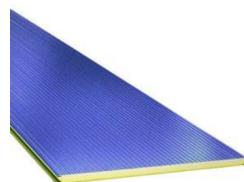
Glass Wool



Rock Wool



Puff Roof Sheets



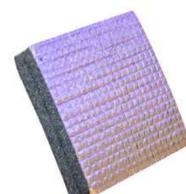
Puff Wall Panels



Decking Sheets



Roof Sheets



XLPE Insulation Sheets



EVA Foam Sheets



Rectangle Channels



X-Bracings

# Our Machinery



**SHEARING MACHINE**

Thickness (mm): 16 - 24  
Width (mm): 1,500 - 6,800



**C&Z PURLIN**

C Purlin (mm): 80 - 300  
Z Purlin (mm): 120 - 300  
Thickness (mm): 1.5 - 3



**CNC PUNCHING MACHINE**

Plate Thickness  
25mm & Punching  
hole size Max.Dia.  
26mm

Powered by Plasma and  
Oxy Fuel Sources

Plasma: Can cut up to  
20mm Thickness  
Oxy Fuel: Can cut up to  
100mm Thickness  
Width: 3,000mm  
Length: 12,000mm

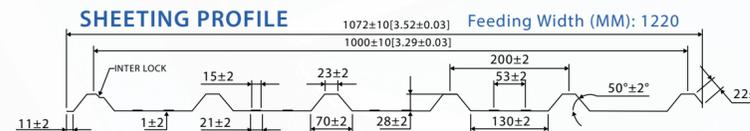


**XY-CNC PLASMA**



**SHEETING**

Profile: Trapezoidal  
Six rib profile  
Thickness (mm): 0.5 to 0.8



Piercing Capacity:  
Up to 25 mm  
Cutting Capacity:  
Up to 30 mm  
Laser Power:  
12,000 Watts (12 kW)  
Sheet Size Capacity:  
3 m x 6 m



**LASER CUTTING MACHINE**



**PTW**

Beam Width (mm): 1,500  
Web Taper Angle: 15  
Degrees Arc



**PRESS BRAKE**

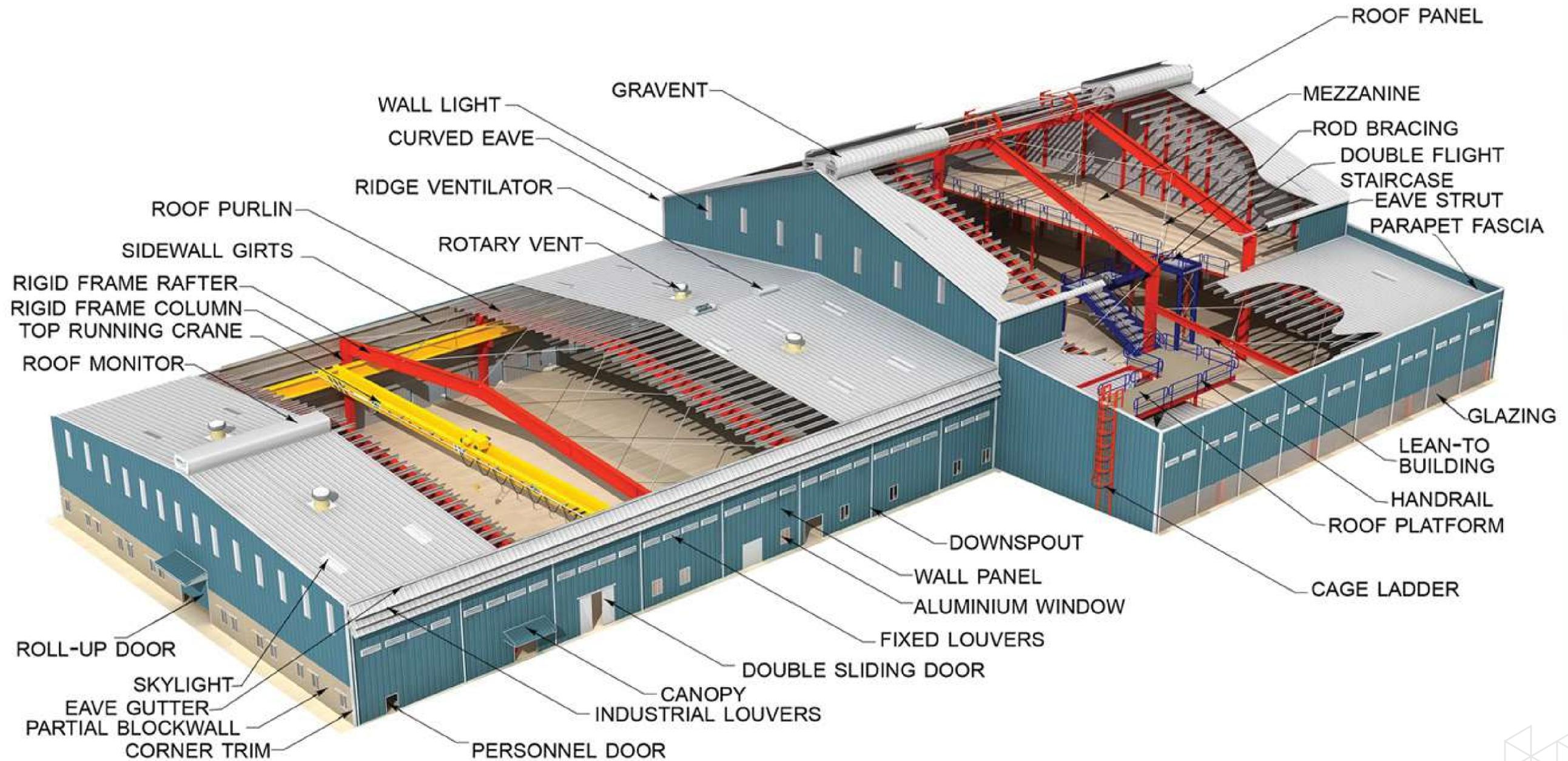
Width (mm): 6,300  
Thickness (mm): 3



**FULLY AUTOMATIC SHOT BLASTING MACHINE**

Opening height:  
2.2 meters

Opening width:  
1.2 meters



# Quality Control at Bheemaa

Dimensions Checking



Fabrication dimension tolerance check

Welding Fillet Leg Length Check



Structural fillet weld inspection

Shot Blasting Surface Profile Inspection



Steel surface roughness inspection

Wet Film Thickness (WFT) Checking



Coating thickness verification test

Liquid Penetrant Testing (LPT):



Weld surface crack inspection

Ultrasonic Testing (UT):



Weld joint integrity check

RAL Shade Matching



Color uniformity inspection

Client-Witnessed Final Paint DFT Inspection



Client-witnessed final inspection

# Completed Projects

## Foxconn - Bengaluru



Width: 85m  
 Length: 162m  
 Height: 22.3m  
 No. of Floors: G+3  
 Built-up Area: 5 lakh + sq.ft.  
 Tonnage: 9,065 Tons

## Toshiba - Hyderabad



Width: 42m  
 Length: 125m  
 Height: 14m  
 Built-up Area: 56,510.52 Sq.ft.  
 Unit 10  
 Tonnage: 410 Tons

## Microsoft - Hyderabad



Tonnage: 830 Tons

## GMR - Hyderabad



Width: 162m  
 Length: 180m  
 Height: 13m (Eave)  
 Built-up Area: 2,88,338 sq. ft.  
 Tonnage: 2,500 Tons

## TATA AISATS - Bengaluru



Width: 152m  
 Length: 180m  
 Height: 13m (Eave)  
 Built-up Area: 1,99,605 sq. ft.  
 Tonnage: 873 Tons

## Gold Plus - Kanagala



Width: 132m  
 Length: 500m  
 Height: 15m (Eave)  
 Built-up Area: 8.5L+sq. ft.  
 Tonnage: 5,300 Tons

## Completed Projects

### Cycle Track - Hyderabad ORR



Width: 6m  
Length: 23,000m  
Height: 4.5m  
Built-up Area: 14,85,419 sq. ft.  
Tonnage: 2,500 Tons

### Premier Energies - Seetharampur



Width: 118m  
Length: 420m  
Height: 12.6m  
Built-up Area: 5,10,400 sq.ft.  
Tonnage: 2,100 Tons

### DP World - Secunderabad



Width: 47m  
Length: 80m  
Height: 14m  
Built-up Area: 40,472.3 Sq.ft.  
Tonnage: 240 Tons

### Amara Raja - Chittoor



Width: 60m  
Length: 250m  
Height: 10.5m (Eave)  
Built-up Area: 1,57,583 sq. ft.  
Tonnage: 784 Tons

### Heritage - Shamirpet



Width: 63m  
Length: 98.5m  
Height: 18.2m  
Built-up Area: 66,790 sq. ft.  
Tonnage: 900 Tons

### Sneha Tools - Hyderabad



Width: 50m  
Length: 91m  
Height: 10m  
Built-up Area: 48,975 sq. ft.  
Tonnage: 160 Tons

## Completed Projects

### Nav Nirman - Hyderabad



Width: 85m  
Length: 72m  
Height: 9m  
Built-up Area: 65,875.13 Sq.ft.  
Tonnage: 260 Tons

### VK Building Systems - Machanpalle, TG.



Width: 80m  
Length: 97m  
Height: 14m  
Built-up Area: 83,527.94 Sq.ft.  
Tonnage: 350 Tons

### Fermac BIO - Hyderabad



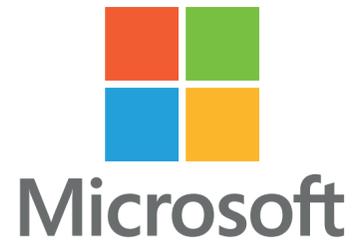
Width: 30m  
Length: 50m  
Height: 13.5m (Eave)  
built-up area: 8,912 sq. ft.  
No. of Floors: 2  
Tonnage: 220 Tons

### Vedha - S.E.Z - Chandanavalli



width: 30.5m  
Length : 91.5m  
Height : 10m  
Built-up Area : 30,039.38 Sq.ft.  
Tonnage: 121 Tons

## Our Clients



**TOSHIBA**



**SIEMENS**



**adani**



**OLA ELECTRIC**



**Syngene**



# PEB Applications



Warehouses



Ginning Mills



Convention Centers



Dairy Farms



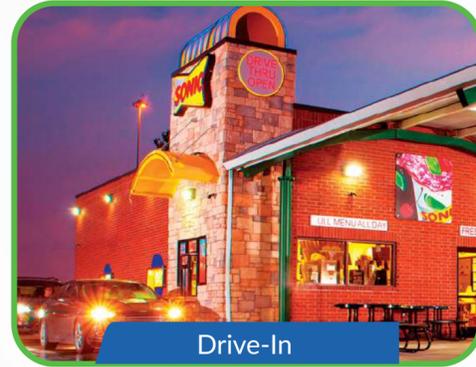
PEB Villas



Highrise Buildings



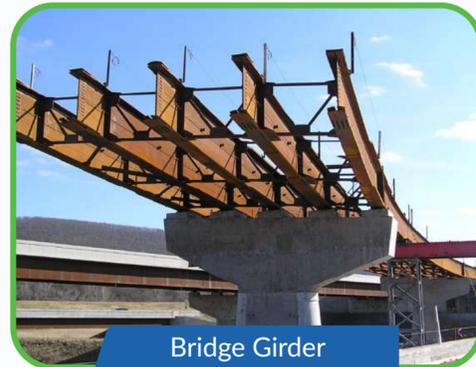
Shopping Malls



Drive-In



Railway Workshops



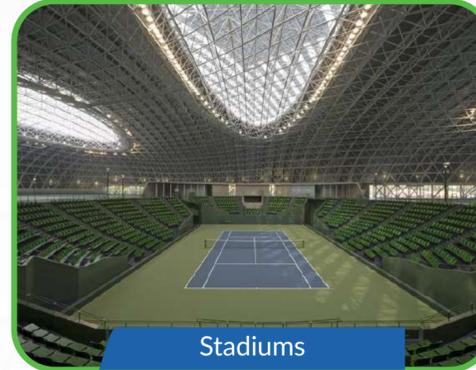
Bridge Girder



Airports



Airport Hangars



Stadiums



Cement Industries



Heavy Industries



Linkedin



Twitter



Instagram

## **BHEEMAA**

Infra Solutions Pvt. Ltd.

- 📍 **Corporate Office :**  
# 202, URR Koneru Mansion, Plot No-193, Road No.2/2,  
Matrusri Nagar, Hafeezpet, Hyderabad 500049.
- 📍 **Manufacturing Unit-I: Sadasivapet**  
Survey #323, Konapur Village, Sadasivapet (M)  
Sangareddy (D), Telangana - 502291.
- 📍 **Manufacturing Unit-II: Amaravati**  
Near High Court, Sekhamurum, Nelapadu Road,  
Thullur, Andhra Pradesh - 522237.

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**QUALITY** is our Obsession, Passion and Guarantee