

# OM ROOFING SOLUTION

Mfg. & Services provider of Pre-Engineered  
Building and totally roofing solution



*Totally Roofing Solution*

22 years of service

# OM ROOFING SOLUTION

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## Pre-Engineering Building-Application:

- ✓ Tin shed
- ✓ Factory shed
- ✓ Plant shed
- ✓ Farm shed
- ✓ Industrial shed
- ✓ Pipe structure shed
- ✓ Mezzanine
- ✓ Mezzanine structure
- ✓ Mezzanine floor
- ✓ Gantry crane
- ✓ Steel fabrication services
- ✓ Warehouse
- ✓ Heavy Engineering
- ✓ Cold Storage
- ✓ Repairing services
- ✓ Sheet replacement services

# Company Profile

Om Roofing Solution is one of India's fastest growing building solutions company. Founded in 1997.

Om Roofing Solution offers a complete range of world-class building solutions in India with integrated facilities for design, manufacture, logistics, and supply and project execution capabilities for pre-engineered steel buildings.

Om Roofing Solution works in close association with industry leaders in project development and construction, providing support to critical industrial, commercial and infrastructure projects and quality in construction.

## Our Mission:

**To** provide high quality products that combine quality with value pricing, while establishing a successful and amicable relationship with our customers and our suppliers.

**To** constantly strive to exceed our customer needs and expectations of price, service, and selection. To this end, we will perform periodic reviews of the market place and continuously improve our technology.

**To** stay ahead of the competition by innovating and engineering new products and services based on the needs of our customers and market demand.

**To** provide total employee satisfaction by supporting and rewarding new innovating ideas, honesty and integrity.”

## Features

- 1) No welding is required at site
- 2) These sheds can be resold.
- 3) Dispensable and relocatable
- 4) Aesthetically superior and most economical

## 5) Time saving in completion of project

Standard **Om Roofing Solution** building system is made up of primary members, connections, roof sheeting, wall sheeting, sheeting fasteners, sealer, closures, ridge caps, flashing and trim, gutters and downspouts.

### 1. Primary Members

Primary structural framing shall include the transverse rigid frames, lean-to-rafters and columns, canopy rafters, interior Columns (beam and column frames), bearing frame rafters corner columns and end wall wind columns.

### 2. Secondary Members

Secondary structural framing shall include the purlins, girts eave struts, wind bracing, flange bracing, base angles, clips  
And other miscellaneous structural parts

### 3. Roof Sheeting/Wall Sheeting

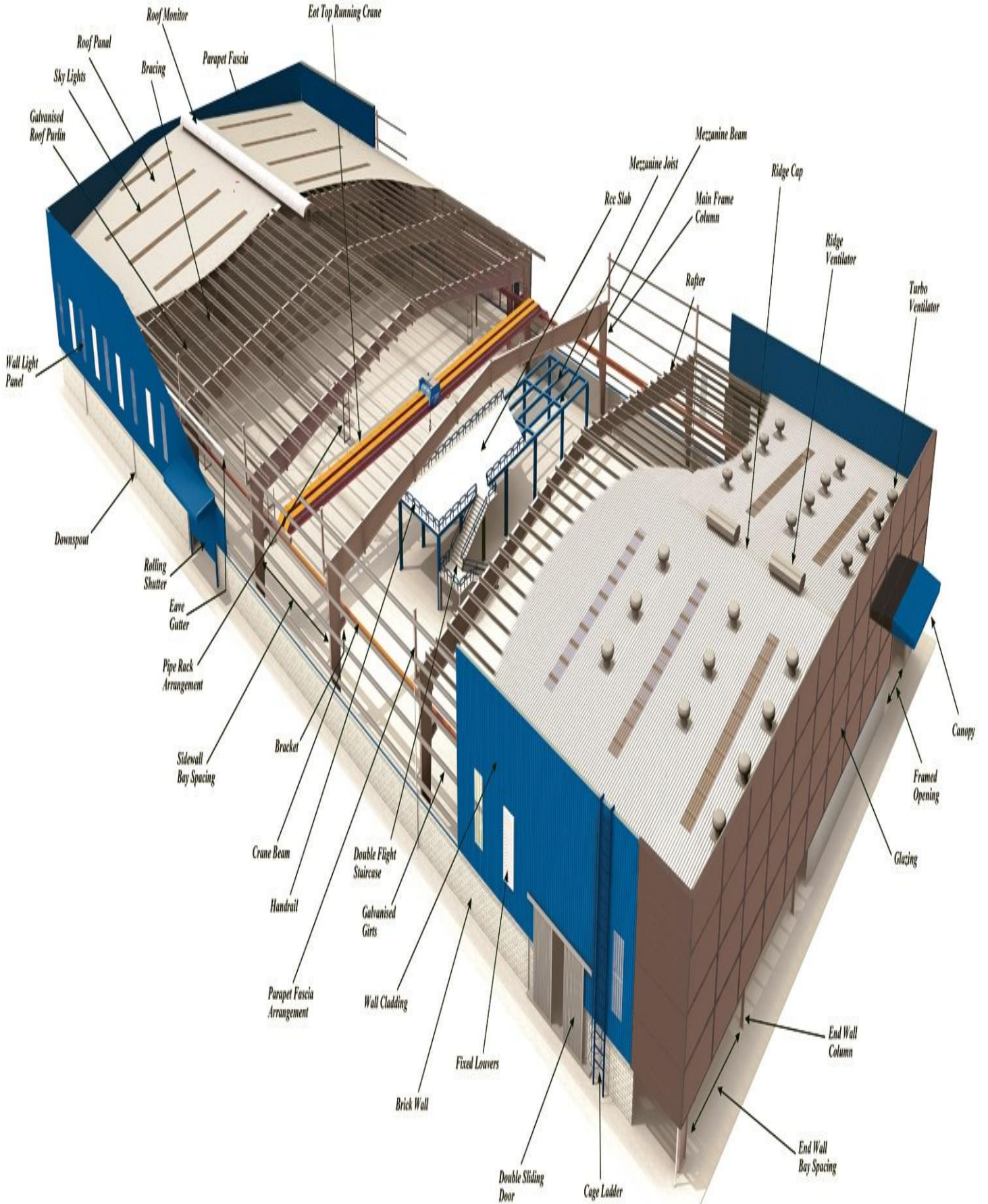
Roof and wall panels shall be of 26 gauges thick profiled galvalume / galvalume color coated / GI colour coated steel Sheeting. In case of prepainted galvalume panels, the exterior face is prepainted galvalume panels, the exterior face is prepainted with 1 mil. thick factory applied polyester paint. The interior face is prepainted with 0.5 mil. thick factory applied polyester paints. Each panel shall be white / grey. Other materials, thickness and coating are available upon request.

### 4. Paint

All structural members shall be cleaned by wire brushing to remove dirt, grease, oil and loose mill scale and given one shop coat of red oxide, air drying. Any additional finish painting can be included if required in **Om Roofing Solution** scope.



# Design of PEB



## 5. Eave Gutters and Down-spouts

Eave gutters shall be box shaped, colour coated, and 0.5mm nominal thickness (26 gauges) galvanized steel.

The outside face of the gutter shall be supported with colour coated 0.5mm nominal thickness (26Gauge) straps to the eave member at a maximum spacing of 0.2 m.

## 6. Physical Specifications of Structural Members

A.) Members fabricated from plates shall have flanges and webs joined on one side of the web by submerged welding

Process having a minimum yield strength 345 mpa.

B.) Members fabricated by cold forming process shall have minimum yield strength of 345 mpa

C.) Members fabricated from hot rolled structural shapes shall have a minimum Yield strength of 250 mpa.

D.) Rod and angle bracing shall have minimum yield strength of 250 mpa.

E.) Roof and wall cladding shall conform to physical specifications have a minimum Yield strength of 345 mpa.

F.) All other miscellaneous secondary members have minimum yield strength of 250 mpa.

## 7. Connections

A. All field connections shall be bolted.

B. Primary bolted connections shall be furnished with high strength bolts confirming to the physical specifications of ASTM 325 (or equivalent).

C. Secondary bolted connections shall be furnished with machine bolts confirming to the physical specifications of ASTM 3207 (or equivalent).

## 8. Sheeting Fasteners

Standard fasteners shall be self tapping sheet metal screws with metal and neoprene washers. All screws shall have hexagonal heads.

## 9. Flashing and Trim

Flashing and / or trim shall be furnished at the rake, corners, and eaves framed openings and wherever necessary to provide weather tightness and finished appearance.

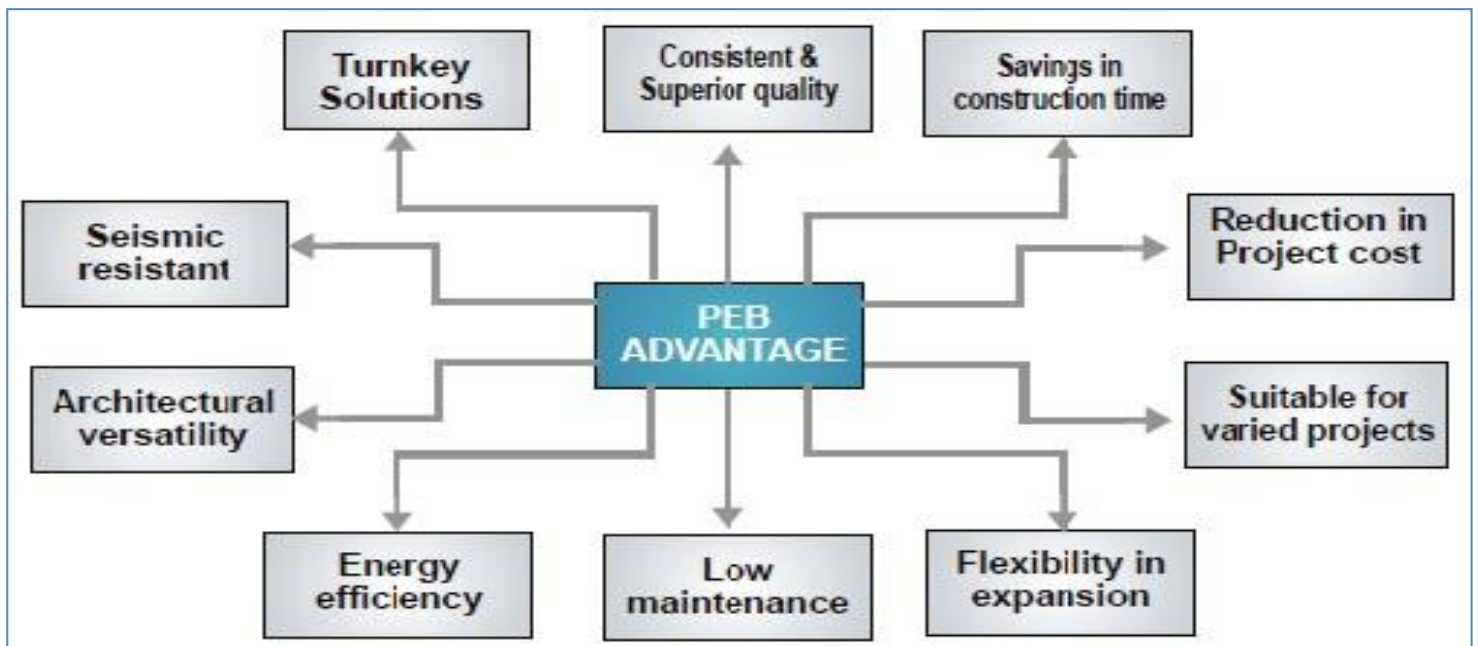
## 10. Ridge Cap

A formed panel matching material colour, slope and profile

## 11. Sealer/Rope Seal

This is to be applied at all side laps and end laps of roof panels and around self flashing

## PEB ADVANTAGE:

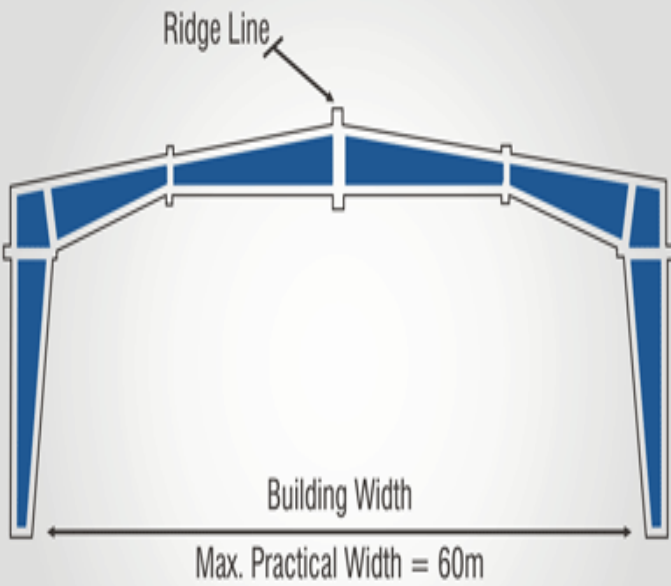


## Eco Friendly

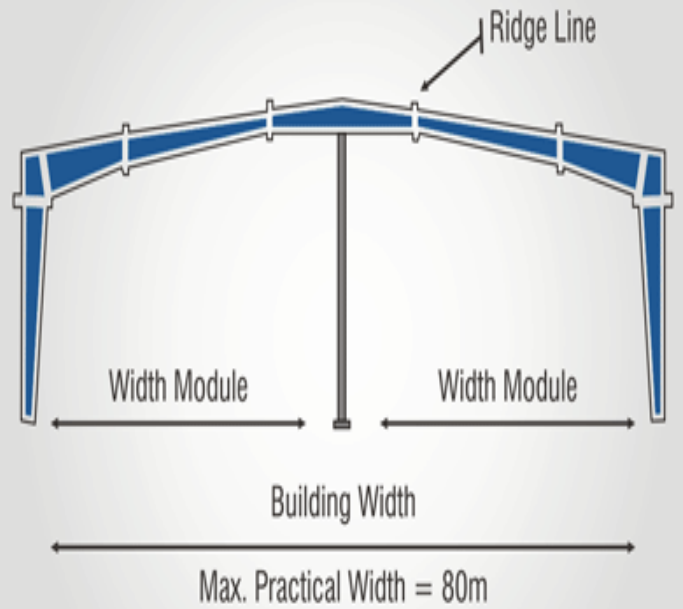
- ✓ Lower weight reduces foundation requirement.
- ✓ Highly recycled and can be continued to be recycled.
- ✓ Durable if protected from corrosion.



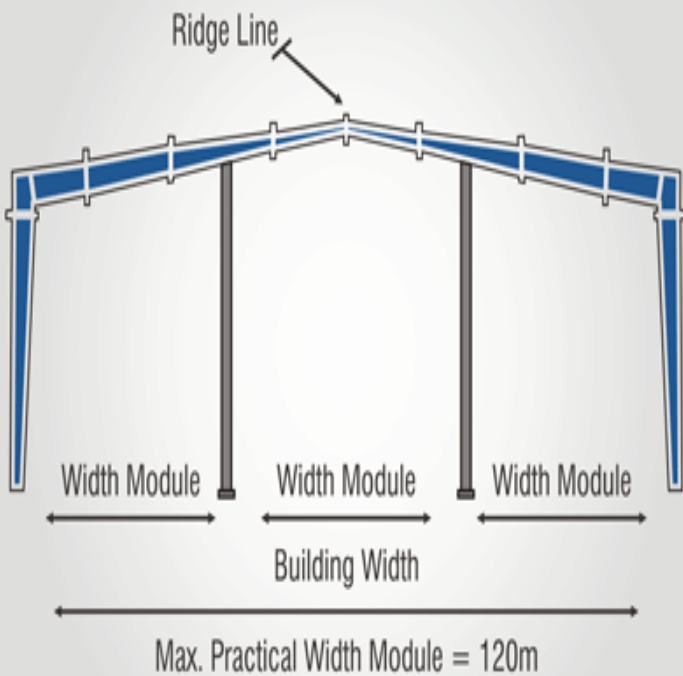
# PRIMARY FRAMING SYSTEM



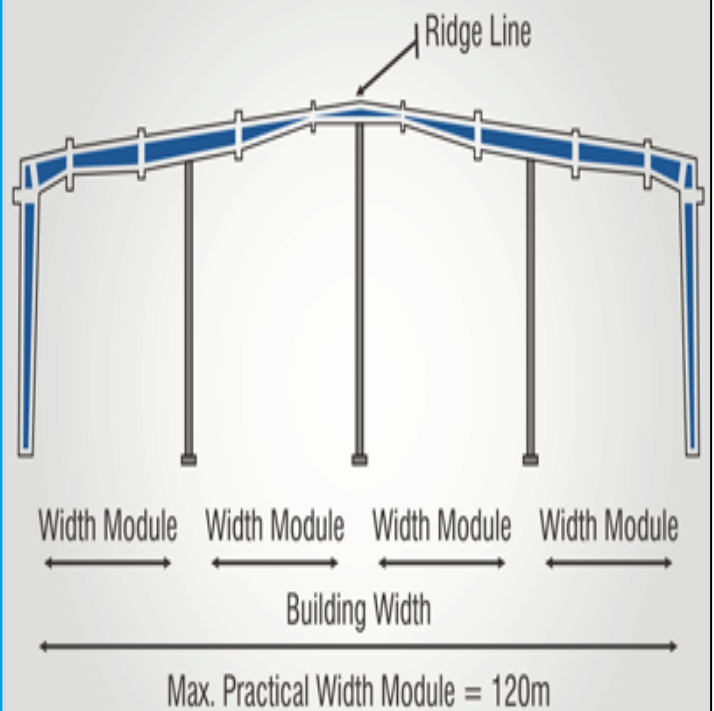
**TAPERED COLUMN CLEAR SPAN(TCCS)**



**TAPERED COLUMN MULTI SPAN "1"(TCMS-1)**

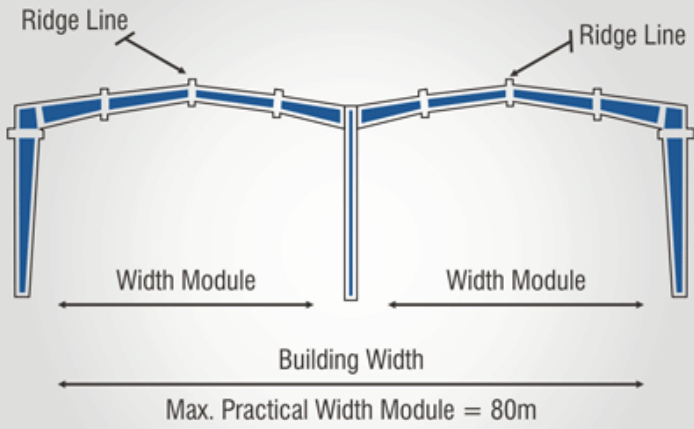


**TAPERED COLUMN MULTI SPAN "2"(TCMS-2)**

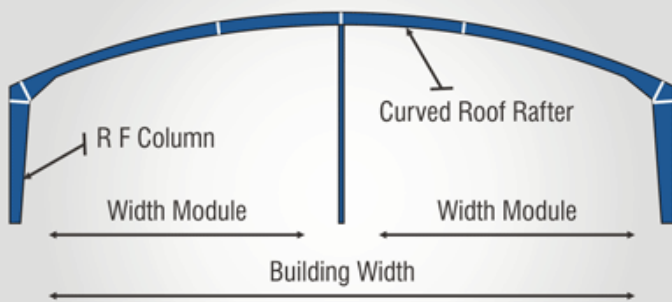
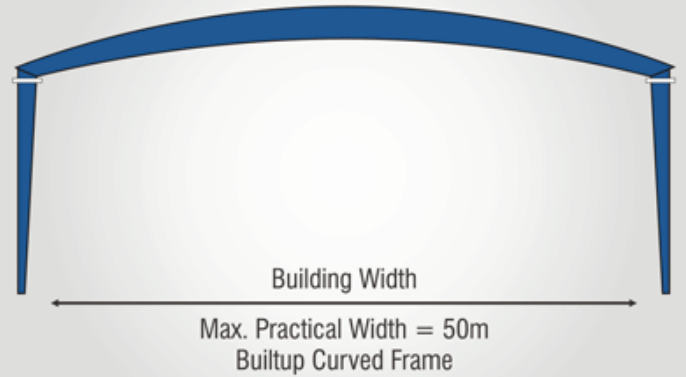
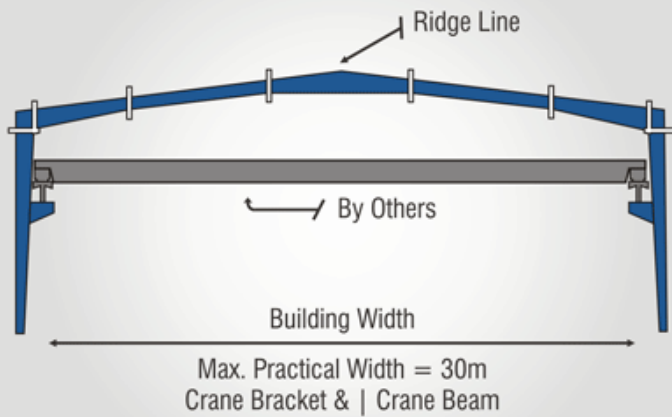
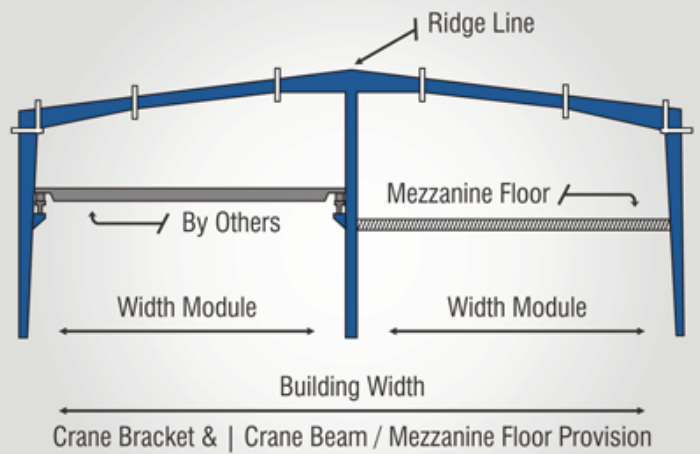


**TAPERED COLUMN MULTI SPAN "3"(TCMS-3)**

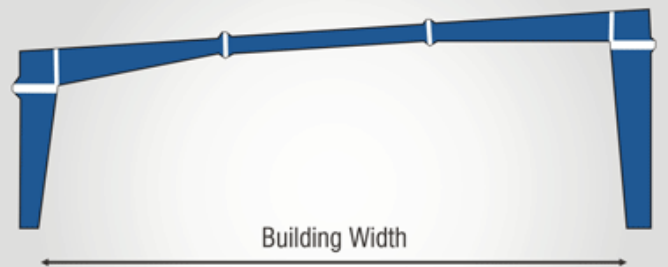




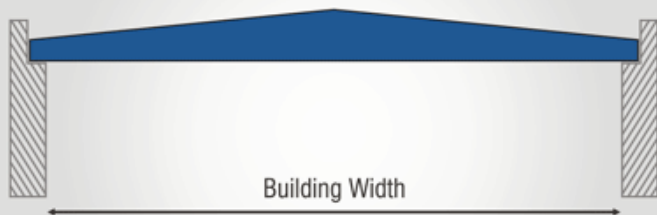
**Multi Gable (MG)**



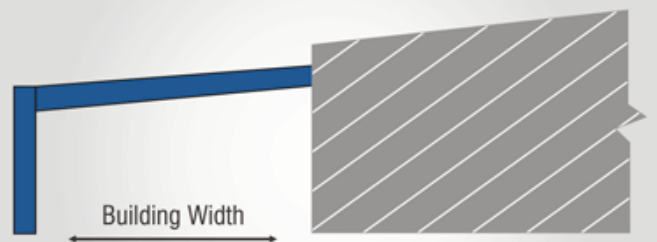
**Arched Multi Span**



**Mono Slope**

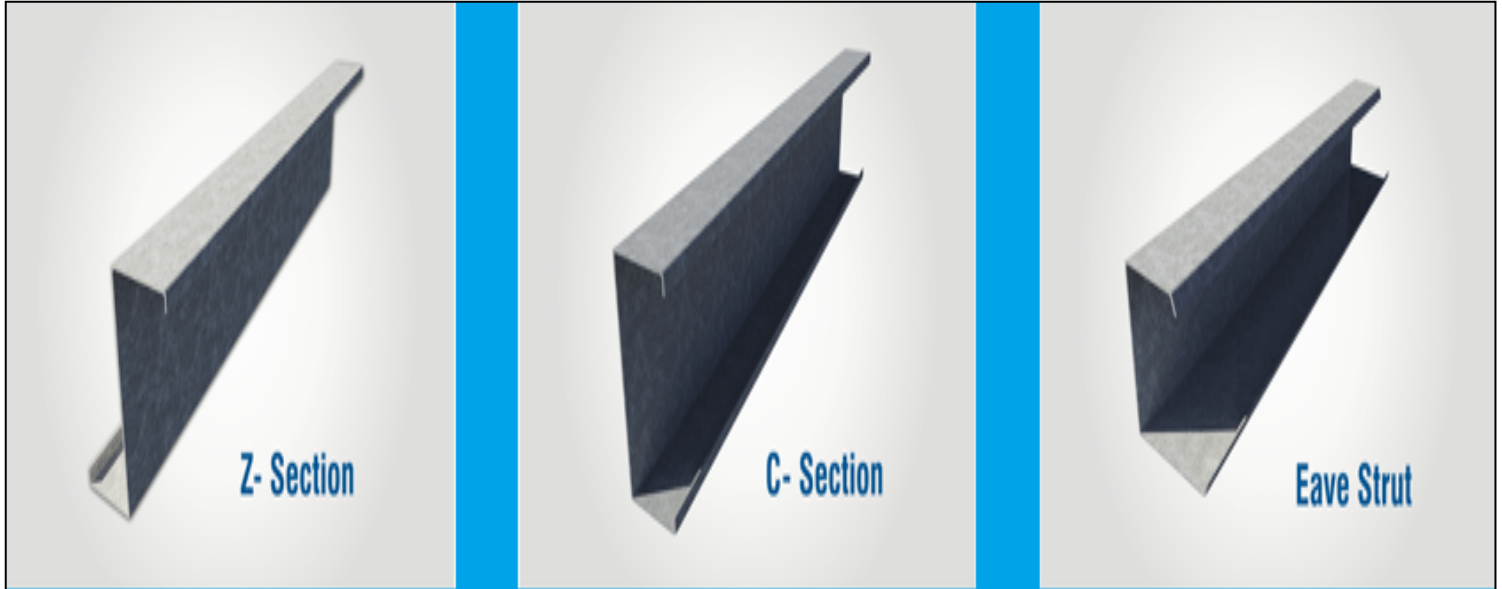


**Roof System**



**Lean-To**

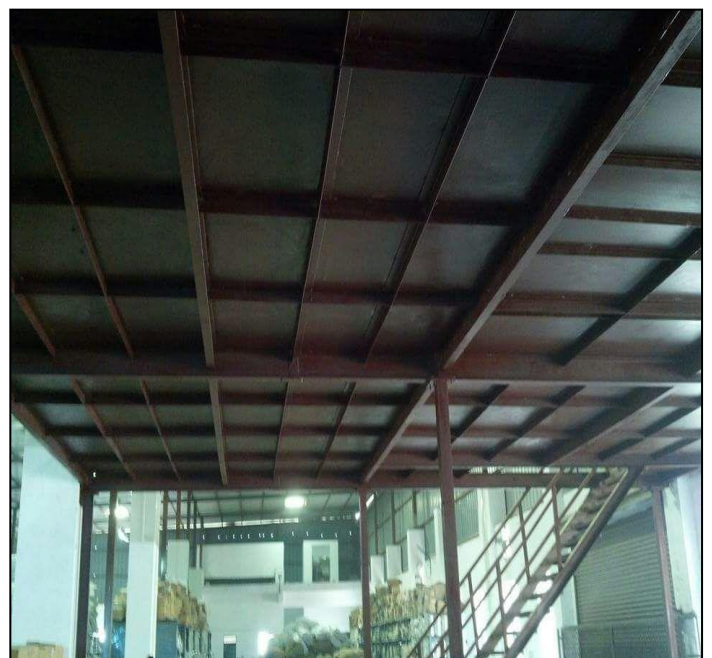
## SECONDARY FRAMINGS SYSTEM:



### Building with mezzanine

We can provide mezzanine floor in partial or complete area of buildings to suit loading requirement for office and storages. Mezzanine floor consist steel decks, supported by joist members to the mezzanine beam.

Mezzanine main beam usually run across the width of building and are located under the main rafters while joint members runs parallel to the length of the building





## Building with Cranes

We can design buildings with most type of crane system such as EOT, Monorail, Under-Slung crane etc. in all type of building.

**Om Roofing Solution** scope of work is limited in this to bracket and crane runway beam which support the crane system, that required to design and estimate building with cranes





**Our Customer:**



Jagdamba Cutlery Private Limited

Kundli, Sonapat, Haryana













## **OM ROOFING SOLUTION**

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