Shreeji Engineering

(Pre Engineering Building & Steel Structure)

Roofing Sheet & Accessories

We Make Your Industrial Building
With Better Guidelines

ABOUT US

- S.E.C is an established Engineering Company having the HIGHLY expertise in Design Engineering & Project Management, Procurement, Construction of pre engineering buildings.
- S.E.C have high caliber to cater many large and complex projects across diverse applications such as commercial showroom, boiler house, multistory building, factory building warehouse, parking shed, Gas Stations, Community halls Supermarkets, workshop, power plant, office building, distribution center, Erumpent housing etc.
- S.E.C has its manufacturing plant in VADODARA - GUJARAT. Total manufacturing capacity of plant 15000 MT of built-up structure.

VISION & MISSION

- To become a most realizable brands of pre engineering building & steel structure advance production services & solution provider in pre engineering building & steel structure industry.
- To create a new industries plants & expands existing industrial buildings with factory of its cratered likes mezzanine, crane, cold storage, office buildings ,walk way, stair case etc .
- We believe in going above our client's expectation to deliver outstanding service and quality every time.

WHY PEB BUILDING ..?

- Pre-engineered steel buildings are recently becoming popular since they perform better than conventional buildings in terms of cost-saving benefits and constructing speed.
- A pre-engineered building is a system utilizing three distinct product categories:
- Built-up "I" to shape primary structural framing members (columns and rafters)
- Cold-formed "Z" and "C" to shape secondary structural members (roof purlins, wall girts, and eave struts)
- Roll-formed sheeting profiles (roof and wall cladding).
- PEB (often used for factories, warehouses, hangars, etc.) allows for flexibility in design, so we can optimize the building's utilities for aesthetics and end-user experience.
- Pre-engineered Buildings are about 30% lighter than the conventional steel structures. Hence, the foundations are of simple design, easy to construct and lighter weights.
- Since all the connections of the different components are standard, the erection time is faster.
- Buildings can be easily expanded in length by adding additional bays. Also, expansion in width and height is possible by pre-designing for future expansion.
- As the complete building package is supplied by a single vendor compatibility of all the building components and accessories is assured. This is one of the major benefits of the pre-engineered building systems.
- As buildings are manufactured completely in the factory under controlled conditions, the quality is assured.
- Steel is 100 % recyclable material, as PEB is completely bolted structure, its give flexibility and dismantled and be reinstalled elsewhere.

WHY SEC ..?

- SEC uses latest design and detailing software's which provides robust and efficient blueprint for the steel building. Dedicated Designing and Detailing team is specialized in steel building projects.
- SEC Uses high strength steel plates having yield strength of 345 Mpa. for fabrication of primary members like columns, rafters, beams etc. Hence structural becomes light and economical.
- Uses tapered beam sections concept, thus ensuring right amount of structural steel at right place.
- Built up sections are made from HR plates with submerged arc welding process in automatic 'H' Beam welding machine in the factory.
- We use cold formed, either galvanized or non galvanized section for secondary members having yield strength of 345 Mpa..
- We use special galvalume steel panels (bare or colour coated)
- for roofing and cladding. The sheets used for roofing and cladding are durable and aesthetically good looking. Speedy and planned execution drastically cuts down time and costs
- Columns free buildings with longer span.
- Buildings with mezzanine /cranes with different functional requirement.
- Speedy and planned execution drastically cuts down time and costs of projects.
- To build highly cost effective & efficient system with faster delivery cycle time.

PEB STRUCTURE

- Pre-engineered Steel Buildings are designed to suit very specific customer requirements Upon finalizing the requirements, The Primary and Secondary structures are factory-prepared and are assembled at site
- Frames of pre-engineered buildings are made from an extensive inventory of standard steel plates . PEB frames are normally tapered and often have flanges and webs of variable thicknesses along the individual members.
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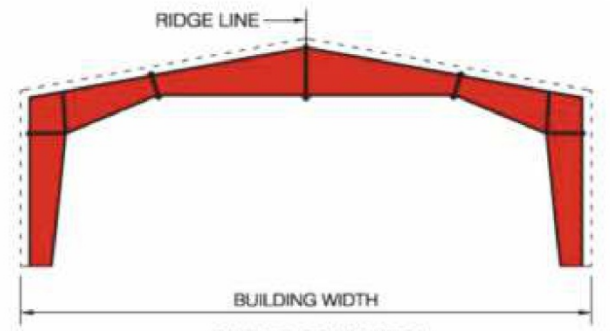
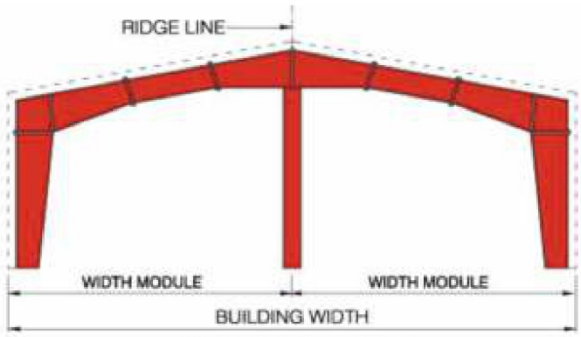
- Speedy and planned execution drastically cuts down time and costs of projects.
- To build highly cost effective & efficient system with faster delivery cycle time.
- Most Affordable and flexible Pre-Engineered Building system is ideal for any low-high rise industrial, institutional or commercial application with excellent features such as speed of construction, quality, and strength with value addition.
- A finished product in itself-include frames, walls, roofing, cladding, connection bolts and accessories.
- PEB System is zero maintenance & superior in strength It is having an attractive appearance
- PEB System has protection against non uniform weathering

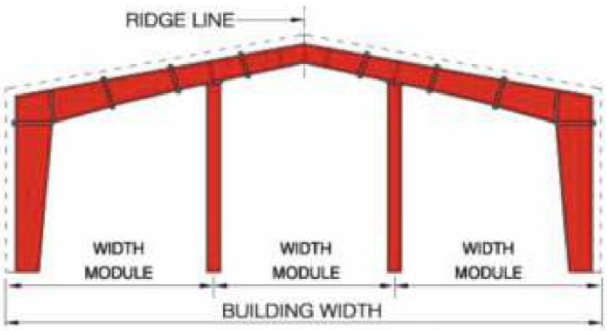
TYPICAL FRAME SYSYTEMS



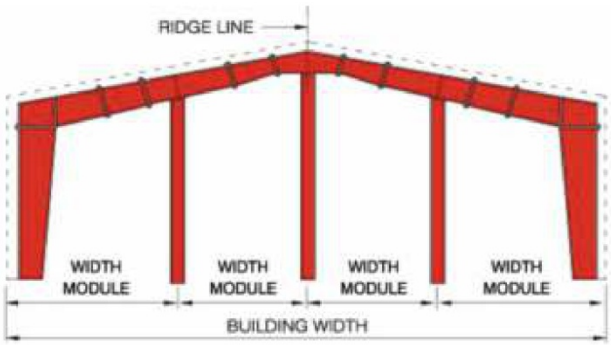
CLEAR SPAN (CS)



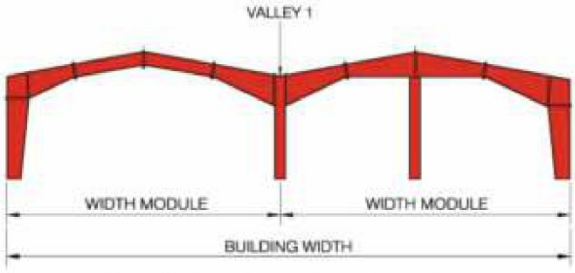
MULTI SPAN-1 (MS-1)



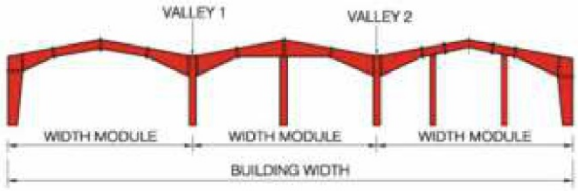
MULTI SPAN-2 (MS-2)



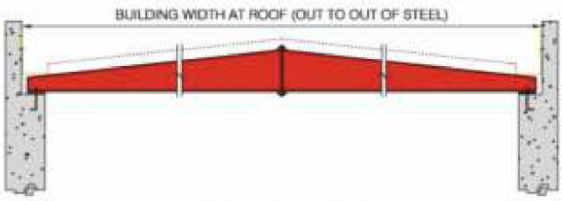
MULTI SPAN-3 (MS-3)



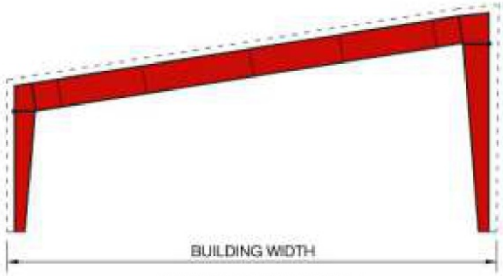
MULTI GABLE-1: MG-1 (CS+MS-1)



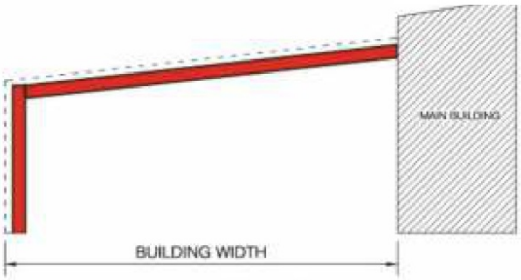
MULTI GABLE-2: MG-2 (CS+MS-1+MS-2)



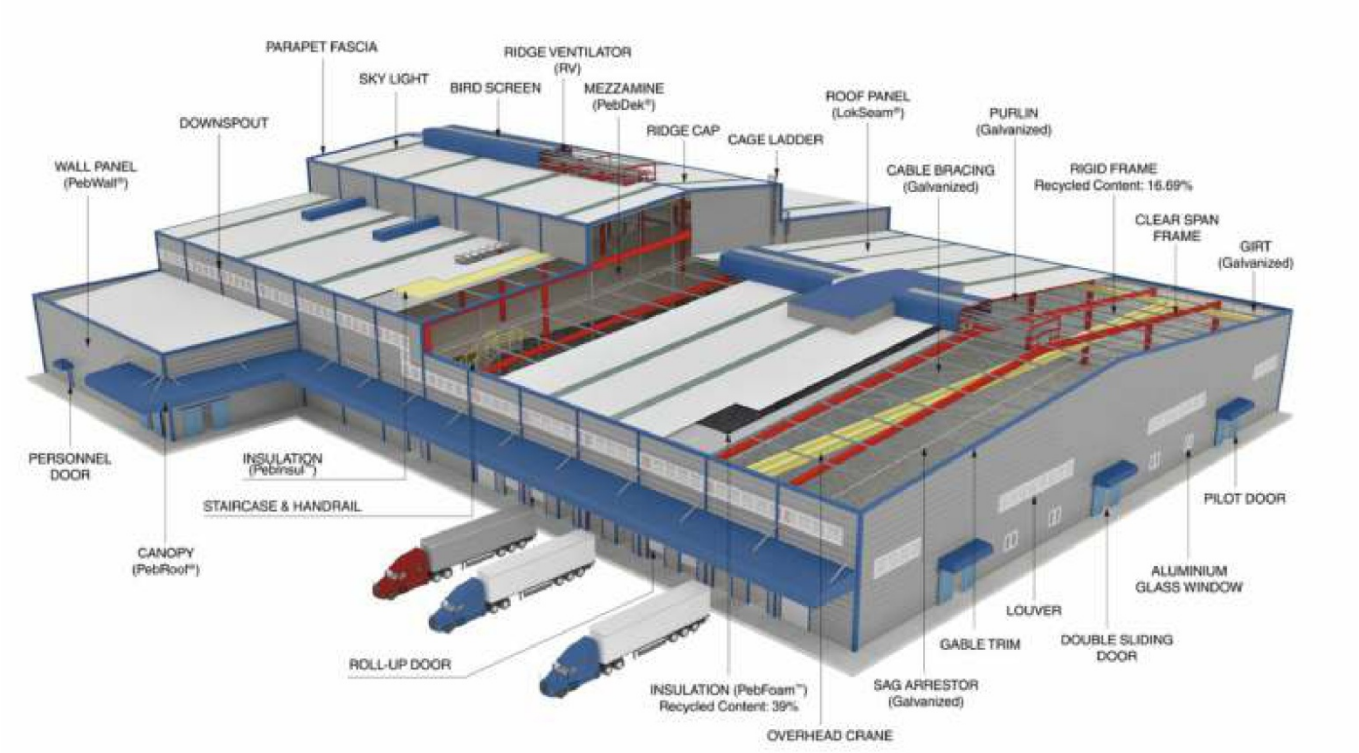
ROOF SYSTEMS



SINGLE SLOPE (CS)

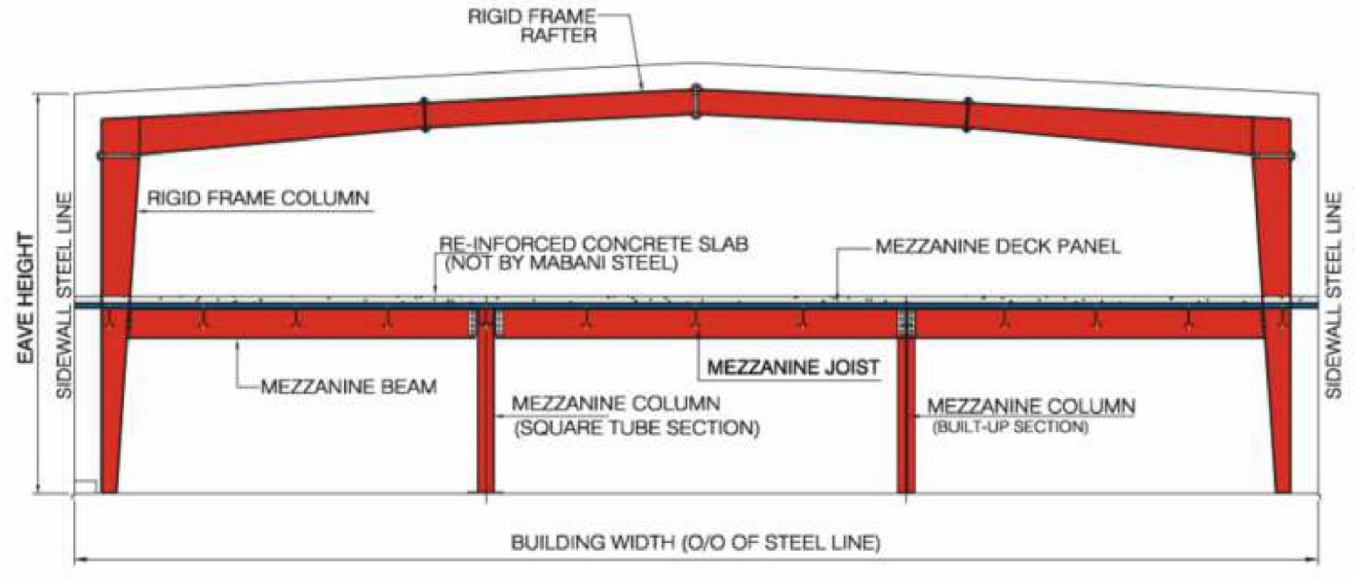


LEAN - TO



MEZZANINE FLOOR

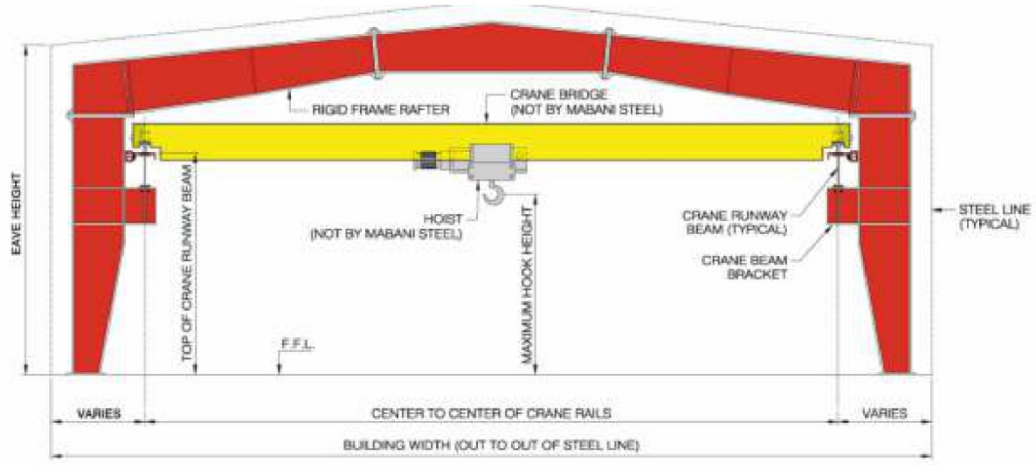
- The standard Steel mezzanine framing system consists of a steel deck supported by joists framed onto main mezzanine beams. If required by design loads, the main beam shell also be supported by intermediate columns. The top flange of the joints fits immediately below the top flange of the primary beams. The economy of a mezzanine system is affected by the applied loads (dead, live and collateral) and mezzanine column spacing. Wherever possible, the primary mezzanine beam should run across the width of the building and be located under the main Frame rafter, Joists, should run parallel to the roof purlins along the length of the building.



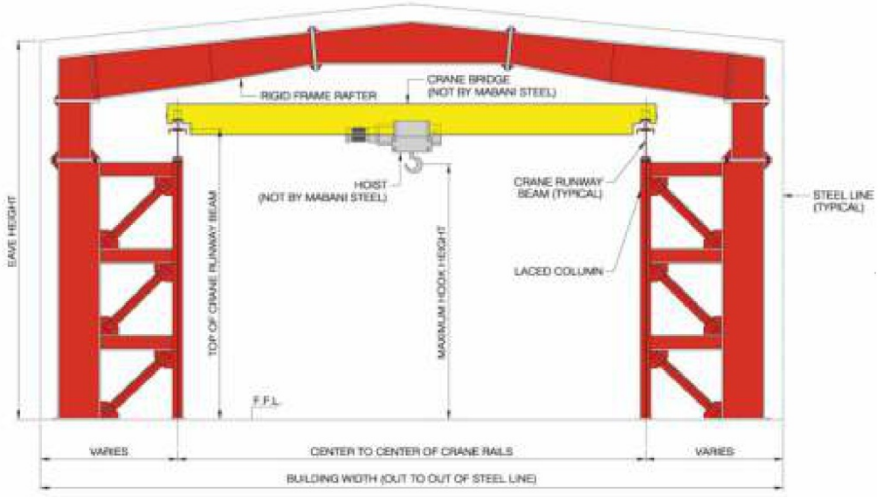
MEZZANINE CROSS SECTION

CRANE

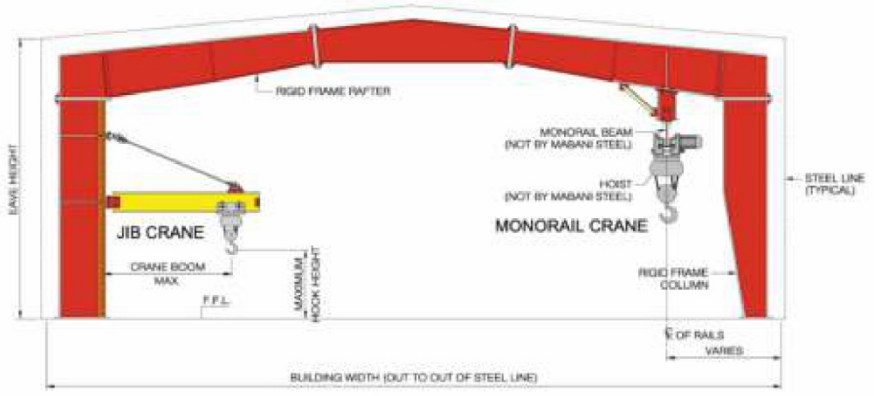
- When a crane system is required in a Structural Steel buildings, we, normally supply column or rafter brackets and the crane runway beams that support the crane system. We design the crane system after understanding the complete requirements of the customer.



RUNWAY BEAMS ARE SUPPORTED ON BRACKETS THAT ARE WELDED TO RIGID FRAME COLUMNS



RUNWAY BEAMS ARE SUPPORTED ON INDEPENDENT COLUMNS LACED TO RIGID FRAME COLUMNS



JIB CRANE AND MONORAIL CRANE

ROOFING - WALL CLADDING SYSTEM

ACCESSORIES

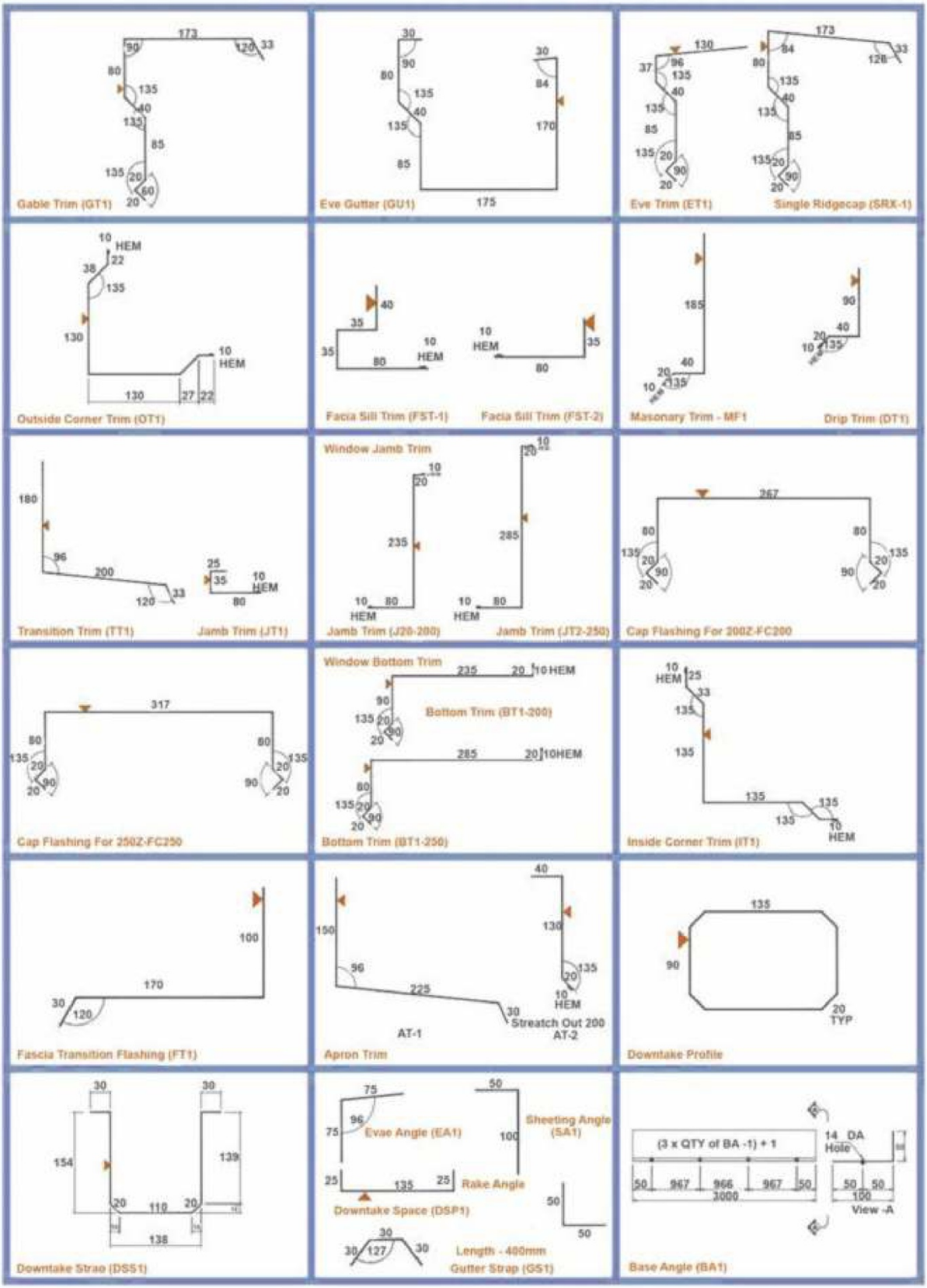
Ridge Ventilation

Turbo Ventilation

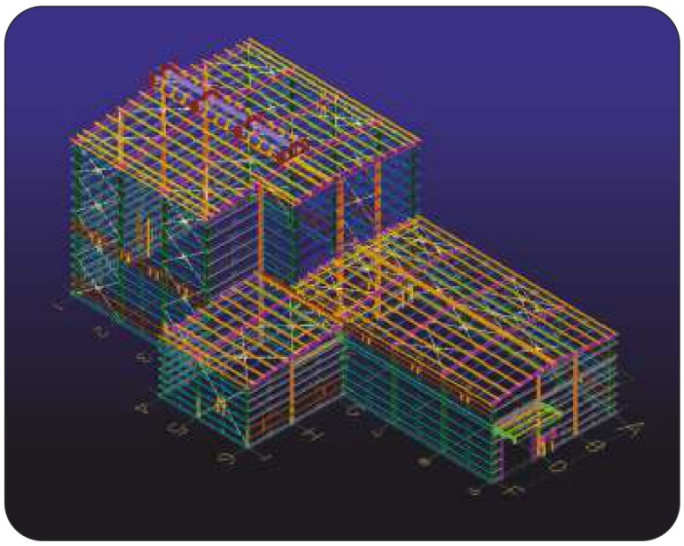
S type Lowers

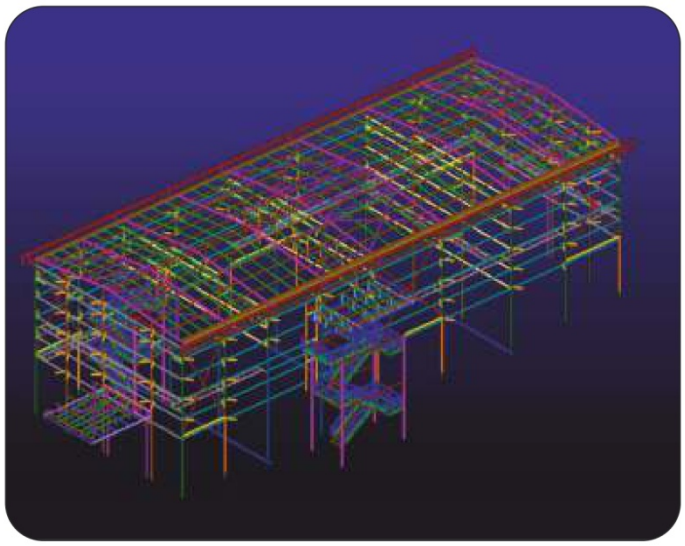
Continues Lowers

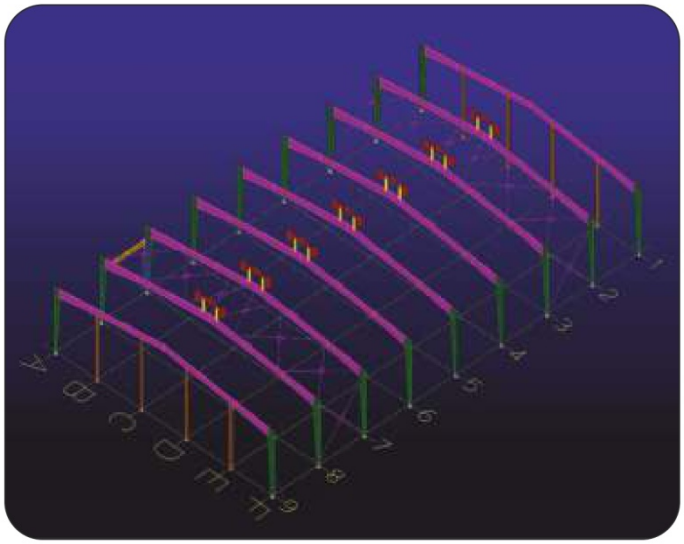
STANDARD FLASHINGS

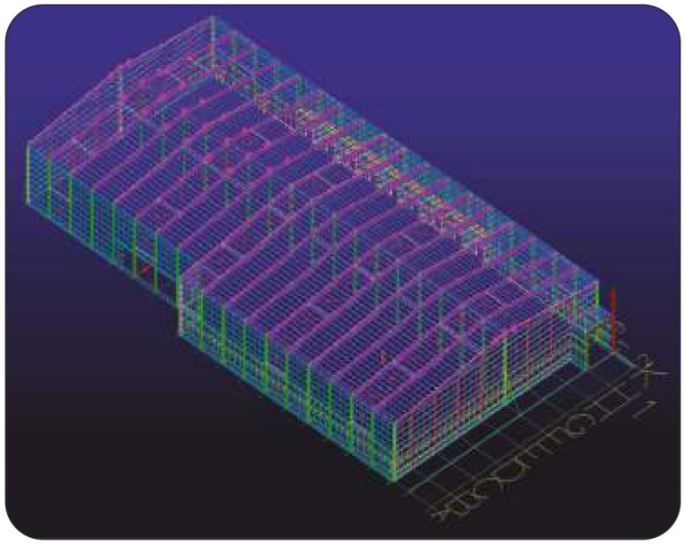


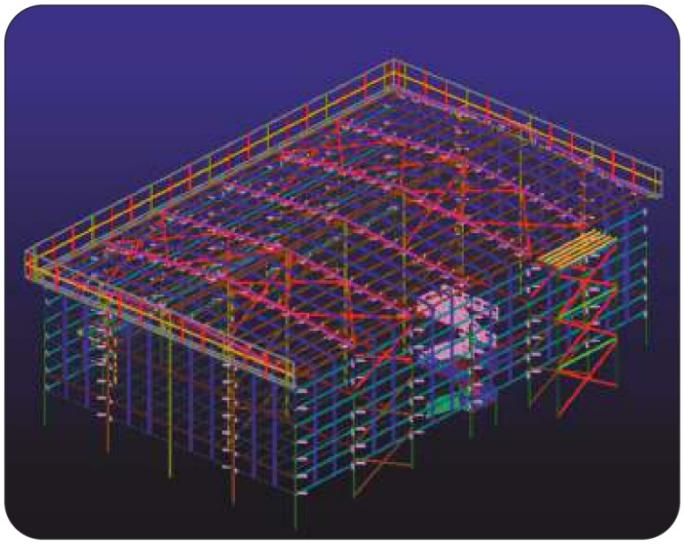
INDUSTRIAL PROJECT

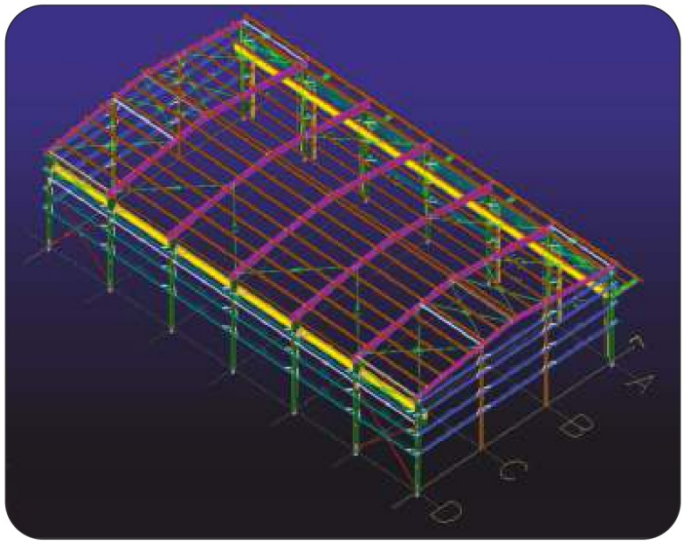












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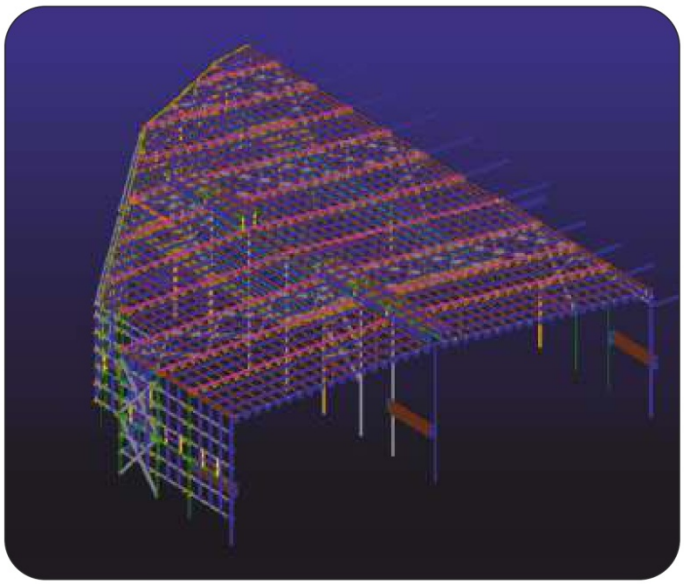
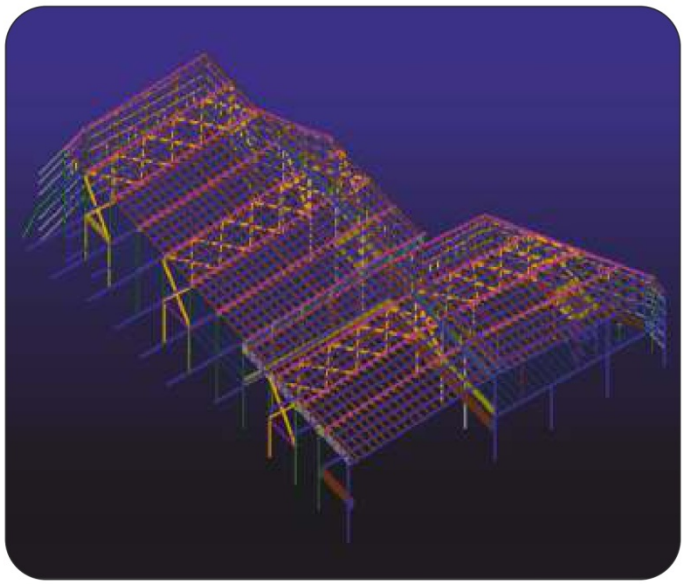
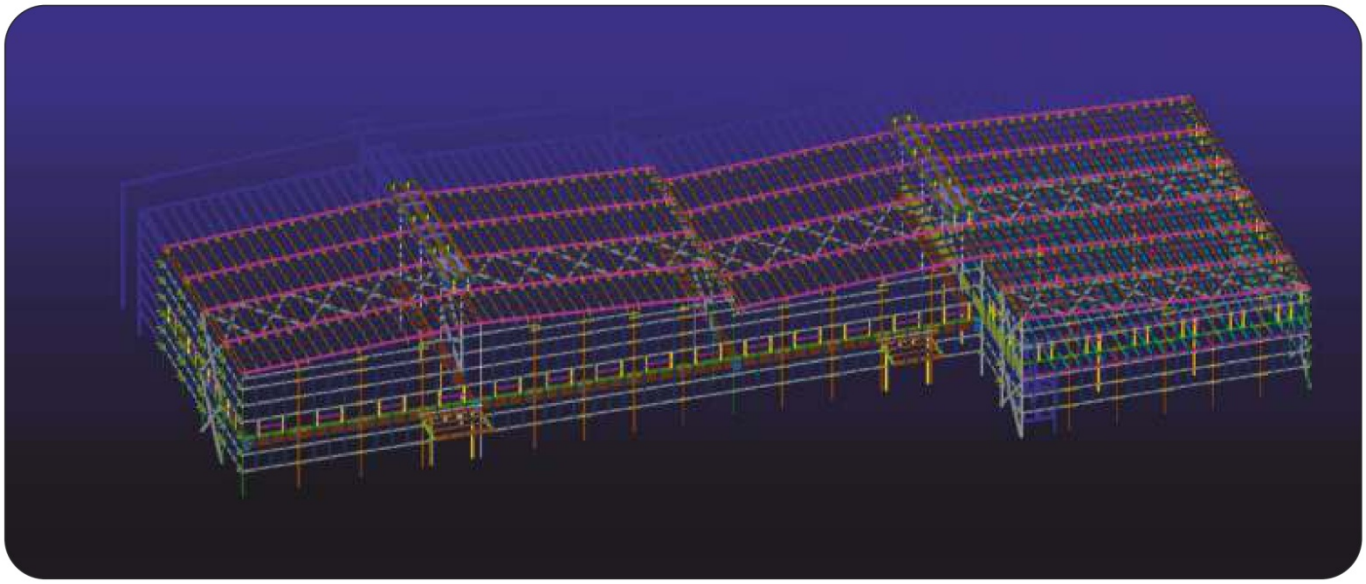






INSULATION

Rock Wool

Glass Wool

EXPE Insulation

Air Bubble Ins.

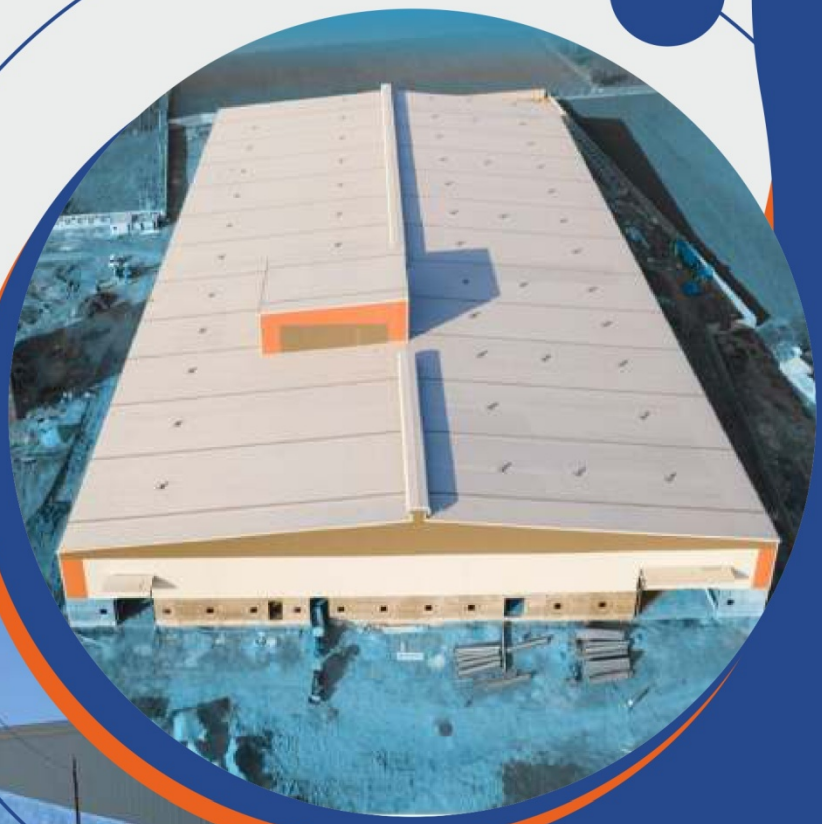
PHOTO GALLERY

Project Model

Erection

Ready Site

Make
Pre Engineering Building
With
Save
Energy
Economy
&
Environment



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