SUN SKY

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ABOUT SUN SKY

Since 1990, SUNSKY STEEL INFRA LLP has been a beacon for quality and sustainability. Building on the rich legacy of steel fabrication with extensive expertise in gusset plate fabrication works in tower transmission line. Since 2013 we started providing solutions for Pre-Engineered Building (PEB) and other steel structures. SUNSKY STEEL INFRA LLP thrives on delivering dedicated efforts and cost-effective solutions. We have emerged as one of the reliable supplier in PEB industry, completing over different types of supply for more than 500 buildings. Our commitment to excellence has been acknowledged by our customers. SUNSKY STEEL INFRA LLP continues to set benchmarks in quality, commitment and customer satisfaction.

Located in Gandhinagar, Gujarat, the PEB Manufacturing unit spans 32,000 sqft. within the prominent G.I.D.C. complex. Our facility is equipped with state-of-the-art machinery sourced locally, enabling the production of built-up, mezzanine and accessories. An annual manufacturing capacity of 4,000 metric tons, we prioritize quality in every aspect of production. SUNSKY STEEL INFRA LLP boasts all in-house machines for cutting, sub operations, threading, welding, bending, shot blasting, air less spray painting to ensure superior quality finishing and accelerated project deliveries. SUNSKY STEEL INFRA LLP ensures precision and excellence in every project.

We ensures the highest quality of raw materials by sourcing steel from the best suppliers. From primary members, accessories to the smallest details like screws are meticulously selected from the best suppliers in their respective segments to guarantee superior building quality. The installation phase is pivotal in delivering projects safely, accurately and according to specifications. Each project receives individual attention. With a dedicated team for every department, we oversee project execution to ensure final buildings meet safety standards and client expectations.

SUNSKY STEEL INFRA LLP offers a comprehensive suite of services in Design, Manufacturing, Supply, and Erection of PEB structures. Our turnkey solutions encompass Civil and PEB works, catering to diverse industries such as warehouse, cold storages, automotive, pharmaceutical, packaging, chemical processing, material handling, electrical generation, healthcare and more industries. At SUNSKY STEEL INFRA LLP, we are dedicated to pushing the boundaries of sustainable building solutions, empowering industries with innovative designs and reliable infrastructure.

OUR VISION

To be the leading provider of innovative and sustainable pre-engineered building solutions, recognized for our commitment to quality, reliability, and customer satisfaction

OUR MISSION

To innovate and deliver superior quality pre-engineered building solutions that exceed customer expectations, foster sustainable development, and enhance the built environment.

PEB FABRICATION & ERECTION

Pre-engineered buildings (PEBs) have gained popularity across various industries due to their efficiency, cost-effectiveness, and rapid construction capabilities. PEB erection services encompass a range of activities aimed at assembling and installing these structures in a safe, efficient, and timely manner.

1. Initial Consultation and Planning

The process begins with a detailed consultation where client requirements, site conditions, and project specifications are discussed. This phase includes preliminary design discussions and feasibility assessments to ensure alignment with the client's needs.

2. Procurement and Logistics

Once the design is finalized, procurement of materials and components commences. This includes sourcing structural steel, roof and wall panels, insulation materials, and other necessary elements. Efficient logistics planning ensures timely delivery to the construction site.

3. Site Preparation

Prior to commencement of erection work, the construction site is prepared. This involves clearing the area and setting up temporary facilities for electric supply, storage and assembly.

4. Structural Steel Erection

The core of PEB erection services involves assembling and erecting the structural steel framework. This includes columns, rafters, beams, and bracing members, which are erected according to precise engineering specifications and safety standards.

5. Roof and Wall Panel Installation

Once the structural framework is in place, roof and wall panels are installed. These panels are made of insulated metal panels (IMPs) or other cladding materials specified by the client. Proper installation ensures weather-tightness and energy efficiency of the building envelope.

6. Secondary Structural Elements

Alongside primary structural components, secondary elements such as purlins, girts, and eave struts are installed. These elements provide additional support and stability to the building structure.

7. Finishing and Detailing

Upon completion of structural and cladding installation, finishing touches are added. This includes installing doors, windows, trim, and accessories to complete the building's exterior.

8. Quality Assurance and Safety

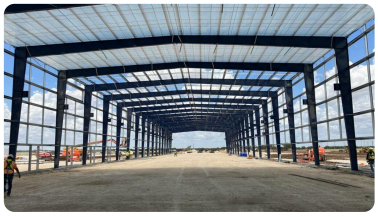
Throughout the erection process, quality control measures ensure compliance with design specifications and industry standards. Safety protocols are strictly followed to protect workers and mitigate risks associated with working at heights and handling heavy materials.

9. Handover and Client Satisfaction

Once the PEB structure is fully erected and inspected, it is handed over to the client. Final walkthroughs and inspections are conducted to ensure all requirements are met and the client's expectations are exceeded.

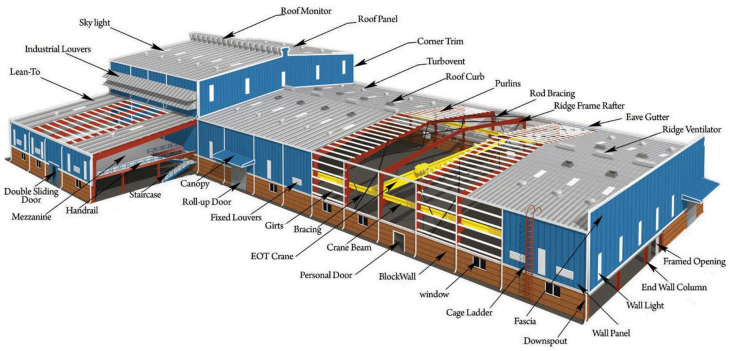




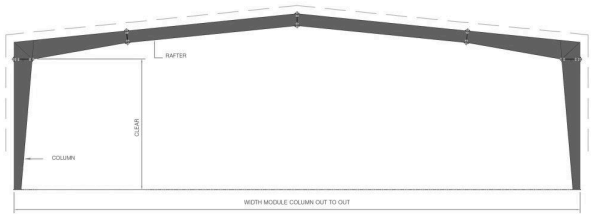


PRODUCT & SERVICES

PRE ENGINEERING BUILDING - FRAME TYPES



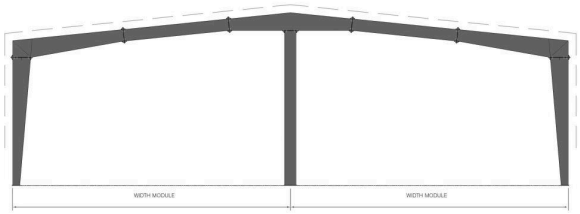
TYPICAL PRE-ENGINNERD BUILDINGS FRAMING



CROSS SECTION - RIGID FRAME CLEAR SPAN

RIGID FRAME CLEAR SPAN

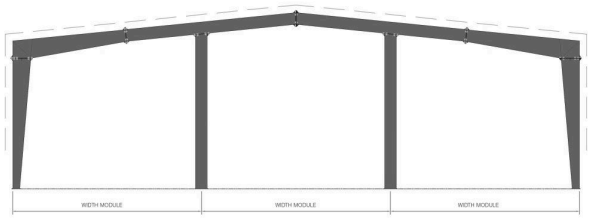
TYPICAL PRE-ENGINNERD BUILDINGS FRAMING



CROSS SECTION - RIGID FRAME MULTI SPAN

MULTI SPAN I

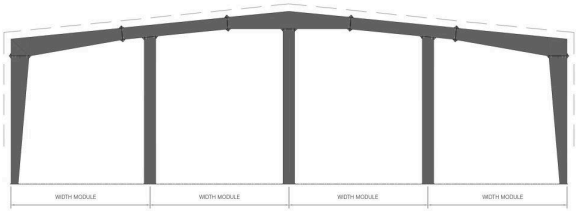
TYPICAL PRE-ENGINNERD BUILDINGS FRAMING



CROSS SECTION - RIGID FRAME MULTI SPAN SPAN

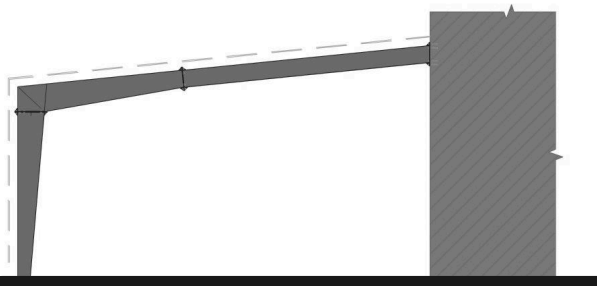
MULTI SPAN II

TYPICAL PRE-ENGINNERD BUILDINGS FRAMING



CROSS SECTION - RIGID OR POST GABLE FRAME

MULTI SPAN III



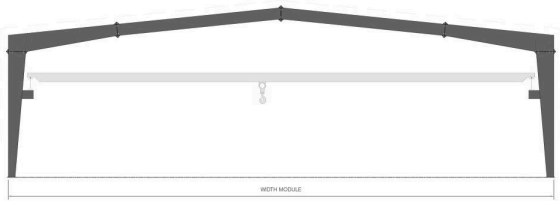
LEAN - TO

TYPICAL PRE-ENGINNERD BUILDINGS FRAMING

CROSS SECTION - RIGID FRAME MULTI GABLE CLEAR SPAN

MULTI GABLE (MG) I / II

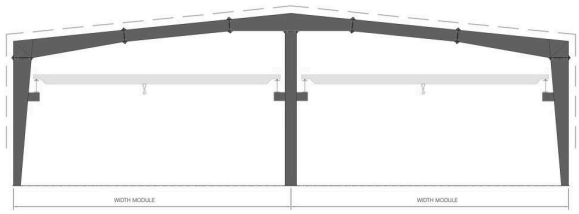
TYPICAL PRE-ENGINNERD BUILDINGS FRAMING



CROSS SECTION - RIGID FRAME WITH ELECTRICALLY OVERHEAD TRAVELING CRANE CLEAR SPAN

TRAVELING CRANE CLEAR SPAN

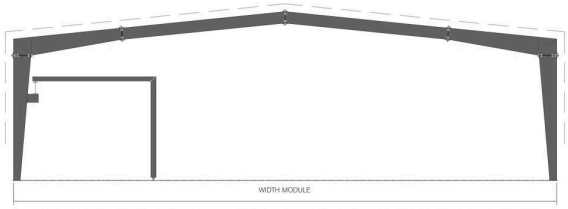
TYPICAL PRE-ENGINNERD BUILDINGS FRAMING



CROSS SECTION - RIGID FRAME WITH ELECTRICALLY OVERHEAD TRAVELING FRAME MULTI SPAN

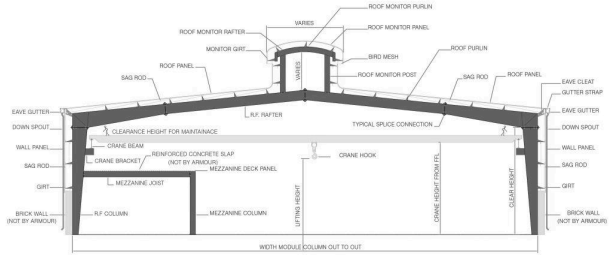
TRAVELING FRAME MULTI SPAN

TYPICAL PRE-ENGINNERD BUILDINGS FRAMING



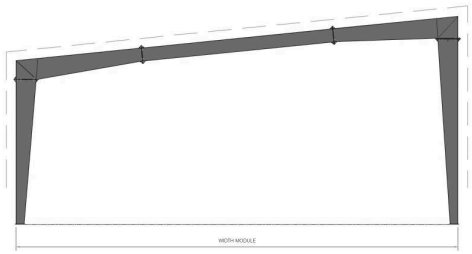
CROSS SECTION - RIGID FRAME WITH SEMI GANTRY CRANE CLEAR SPAN

SEMI GANTRY CRANE CLEAR SPAN



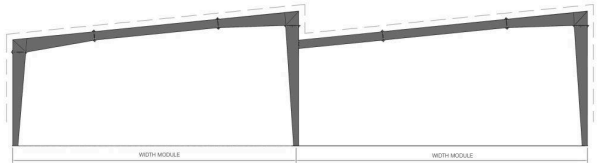
CROSS SECTION - RIGID FRAME CLEAR SPAN

RIGID FRAME CLEAR SPAN



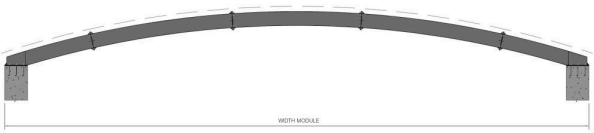
CROSS SECTION - RIGID FRAME MONO SLOPE CLEAR SPAN

MONO SLOPE CLEAR SPAN



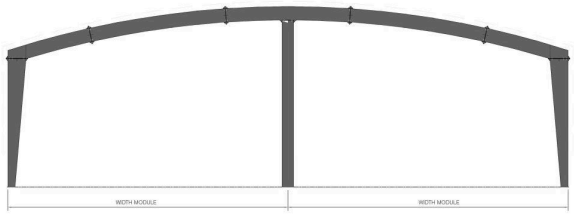
CROSS SECTION - RIGID FRAME MONO SLOPE MULTI SPAN

MONO SLOPE MULTI SPAN



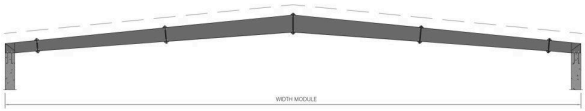
SEMI CIRCULAR SPAN

TYPICAL PRE-ENGINNERD BUILDINGS FRAMING

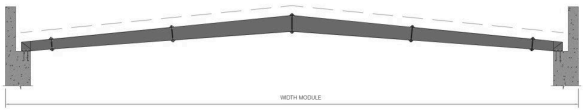


CROSS SECTION - RIGID FRAME SEMI CIRCULAR MULTI SPAN

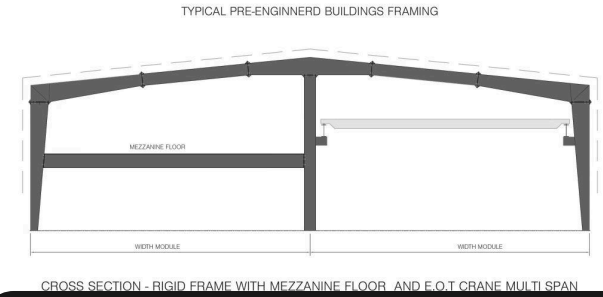
SEMI CIRCULAR MULTI SPAN



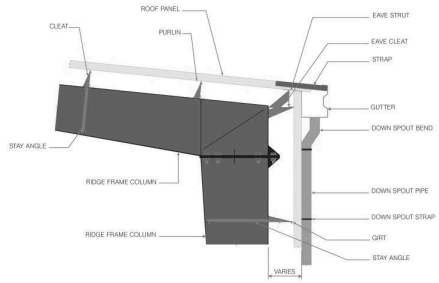
MEZZANINE FLOOR



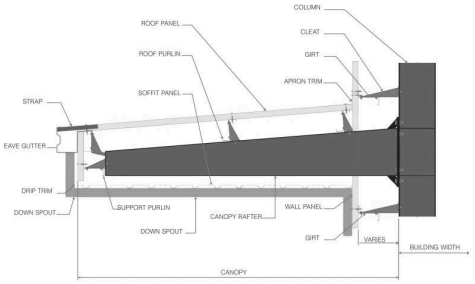
MEZZANINE FLOOR MULTI SPAN



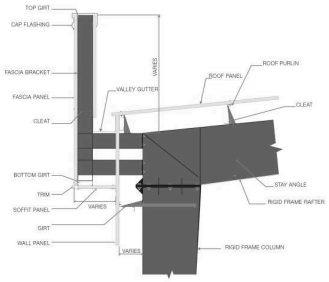
MEZZANINE FLOOR & E.O.T CARNE MULTI SPAN



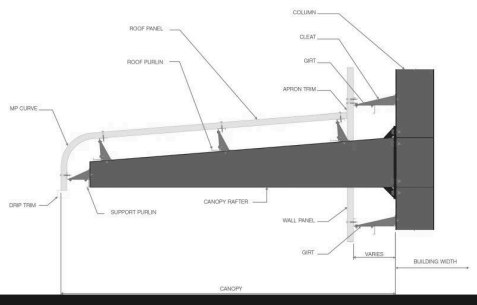
RIGID FRAME COLUMN



SOFFIT PANEL



RIGID FRAME COLUMN



CANOPY

PRE ENGINEERING BUILDING - SECONDARY & ACCESSORIES

ANCHOR BOLT

An anchor bolt is used to secure objects or structures to concrete surfaces. Various types exist, often featuring proprietary designs from different manufacturers. Each anchor bolt typically has a threaded end that allows for the attachment of a nut and washer to handle external loads. Anchor bolts are widely utilized in a range of projects, including steel buildings, and are also effective for securely fastening embed plates to concrete foundations when paired with structural steel elements.

FLANGE BRACE

A flange brace provides lateral support to the flange of a beam, joist girder, or column. When a beam bends under gravity loading, the flange brace helps manage the compression forces on the flange. However, this bracing does not offer lateral restraint to the compression flange itself; instead, it functions to stabilize the beam by preventing it from pushing adjacent beams sideways.

PURLIN CLEATS

A metal plate or angle is punched with a specific pattern of holes or slots to match the size of steel purlins. This plate or angle can be either welded or bolted to the support member. Cleats offer a strong connection for purlins and rafters, especially in exposed conditions where they effectively resist wind uplift. They can also be used to connect exposed rafters to ridge beams.

SAG ROD

A sag rod is used to prevent the sagging of an open-web steel joist functioning as a purlin, with its depth oriented perpendicular to the roof slope. It serves as a tension member designed to restrict deflection of a girt or purlin along its weaker axis or to control sag in angle bracing.

PRE ENGINEERING BUILDING - ROOFING & ACCESSORIES

TURBO VENTILATOR

A turbo ventilator harnesses the natural force of the wind to expel heat and moisture from the roof space. It uses wind energy to create airflow through centrifugal action, effectively combining natural and forced ventilation systems.

RIDGE VENTILATOR

Ridge vents are installed at the peak of a sloped roof to allow warm, humid air to escape from the building. They offer uniform cooling across the roof deck and are installed from end to end with a low profile, ensuring effective ventilation.

INSULATIONS

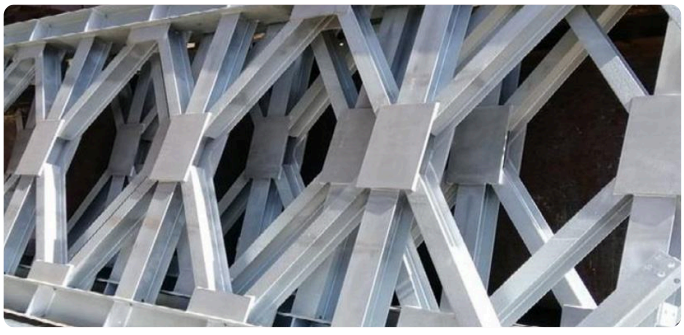
Insulation is essential for creating thermal resistance in your building, which helps save money and ensures a comfortable environment. When installed correctly, insulation reduces heating and cooling costs by maintaining indoor temperatures and minimizing heat loss. The choice of insulation type and form depends on your climate and the desired R-value. Each type of insulation has its own advantages and drawbacks, depending on the structure where it is used.

LOUVERS

Louvers serve a critical need to allow air flow through openings in buildings while rejecting unwanted elements such as water and airborne debris. While the concept is simple, selecting the right product for the application is important to meeting performance

MISCELLANEOUS FABRICATION

Apart from PEB, we also provide different type of customized heavy steel fabrication services for the industry.



LIST OF MACHINERY

- CNC Plasma machine - 2 no.
- Hydraulic Plate Shearing machine - 2 no.
- Hydraulic Plate punching machine - 3 no.
- Radial drill - 2 no.
- CNC Press Brake - 1 no.
- Hydraulic Press - 2 no.
- Hydraulic stamping - 1 no.
- Round bar threading machine - 2 no.
- Mechanical press for cutting (Round bar, Angle) - 1 no.
- Semi automatic SAW Trolley - 1 no.
- MIG machine - 3 no.
- Copper slag blasting machine - 1 no.
- Air less spray paint machine - 2 no.
- Mobile crane - 1 no.
- E.O.T. crane - 6 no.

PROJECTS

Krishna Maruti

Biomatrix Healthcare

Rajan Steel

Shott Game Zone

Shott Game Zone-2

Shreenath Industries

Trimandir

Vapi

CLIENTS

KALPA-TARU®

TRANSRAIL

mascot
forward together

LATTICE
ZINCARE PVT. LTD.

RAMP®

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