

TRIDENT

STEEL BUILDING SOLUTIONS

APPROACHING
TOWARDS
INNOVATION



Trident Steel Building Solutions

KHASRA NO.- 353, VILLAGE- LAKESARI, BHAGWANPUR
INDUSTRIAL AREA, BEHIND AMBUJA CEMENT FACTORY,
ROORKEE, HARIDWAR, UTTARAKHAND - 247661,
INDIA.



QUALITY



COST EFFECTIVE



FAST EXECUTION

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Introduction

Trident Steel Building Solutions is an ISO 9001:2015 certified company manufacturer of Pre Engineered Steel Buildings and structural steel. Company is established in 2018 with entire facilities like Plasma CNC machine, SAW Automatic Welding Line, Z/C purlin line, Sheeting line, Shearing & Bending machines, Mig & Drilling machines along with separate Shot Blasting Chamber and Painting Section. Company manufacture Industrial, Warehousing, commercial, Institutional, aviation and other customized metal building requirements with the efforts of skilled, responsible and affordable Design, Fabrication and erection team along with complete management.

Mission and Vision

→ Mission

At Trident Steel Building Solutions, We are dedicated to revolutionizing the construction industry by providing Innovation, Sustainable and Cost-effective Pre Engineered Buildings (PEB). Our Mission is to deliver Superior Quality Buildings that empower Businesses and Communities built with precision, durability and excellence.

→ Vision

To be leading provider of cutting Edge Steel Building Solutions, driving industry transformation through innovation, unmatched reliability and commitment to sustainability. Our aim is to build a future where every structure we create stands as a symbol of Strength, Speed, Safety and Eco-friendly.





Process of a Pre-Engineered Building

- Tender/ Enquiry Float by customer
- Rates Quote by PEB Manufacturer
- Order Finalization
- Design load calculation along with AB & GA Drawing submission
- AB and GA drawings Approval
- Fabrication & Transportation
- Erection of Steel Structure
- Roof sheeting & Wall Cladding installation
- Fixing Trims & Flashing, Gutter & Down pipes.
- Handover of Project

Our Services



DESIGN



MANUFACTURING



SITE EXECUTION

WE PROVIDE SOLUTION IN FOLLOWING DOMAINS

WAREHOUSE

FACTORY
BUILDINGS

TOLL
PLAZA

AIR CRAFT
HANGERS

MULTI
STOREY
BUILDINGS

HOTEL
BUILDINGS

HOSPITAL
BUILDINGS

STADIUM

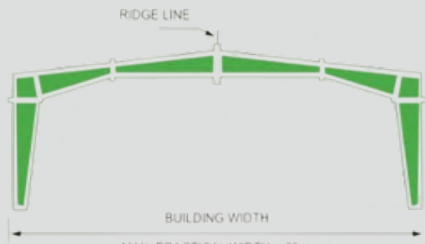
AUDITORIUM

HEAVY
INDUSTRIAL
STRUCTURE

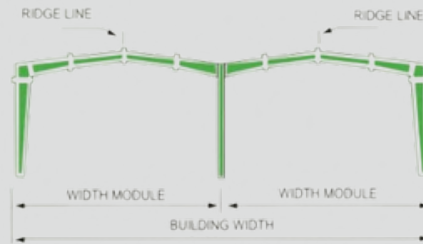
MEZZANINE
FLOORS

MALL AND
SHOWROOMS

Types of Pre-Engineered Building



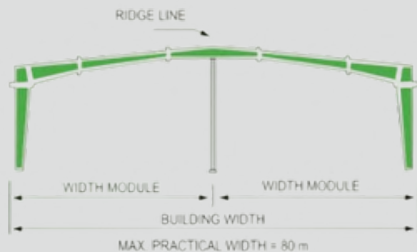
Tapered Column Clear Span (TCCS)



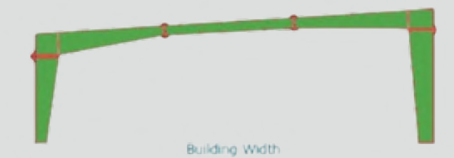
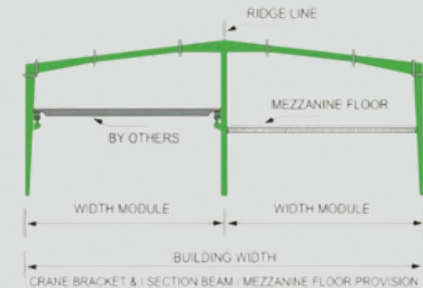
Multi Gable (MG)



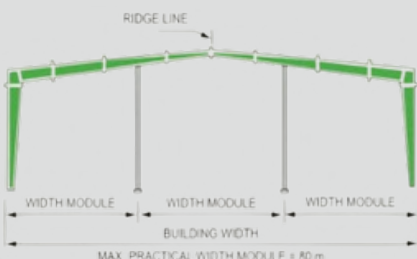
Arched Multi Span



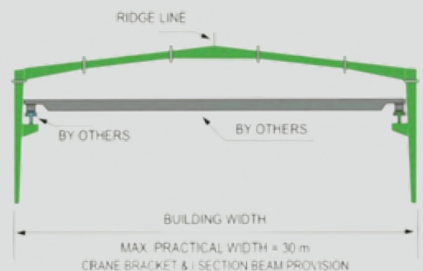
Multi Span "1" (MS-1)



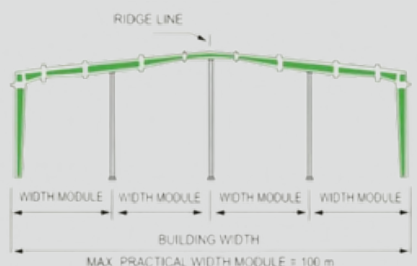
Mono Slope



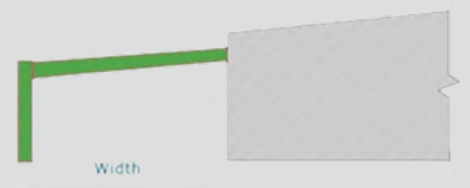
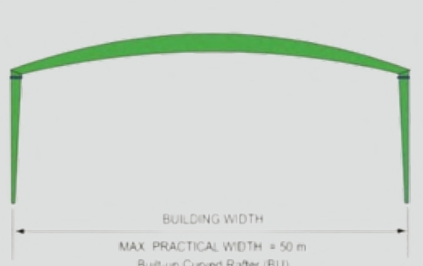
Multi Span "2" (MS-2)



Roof System

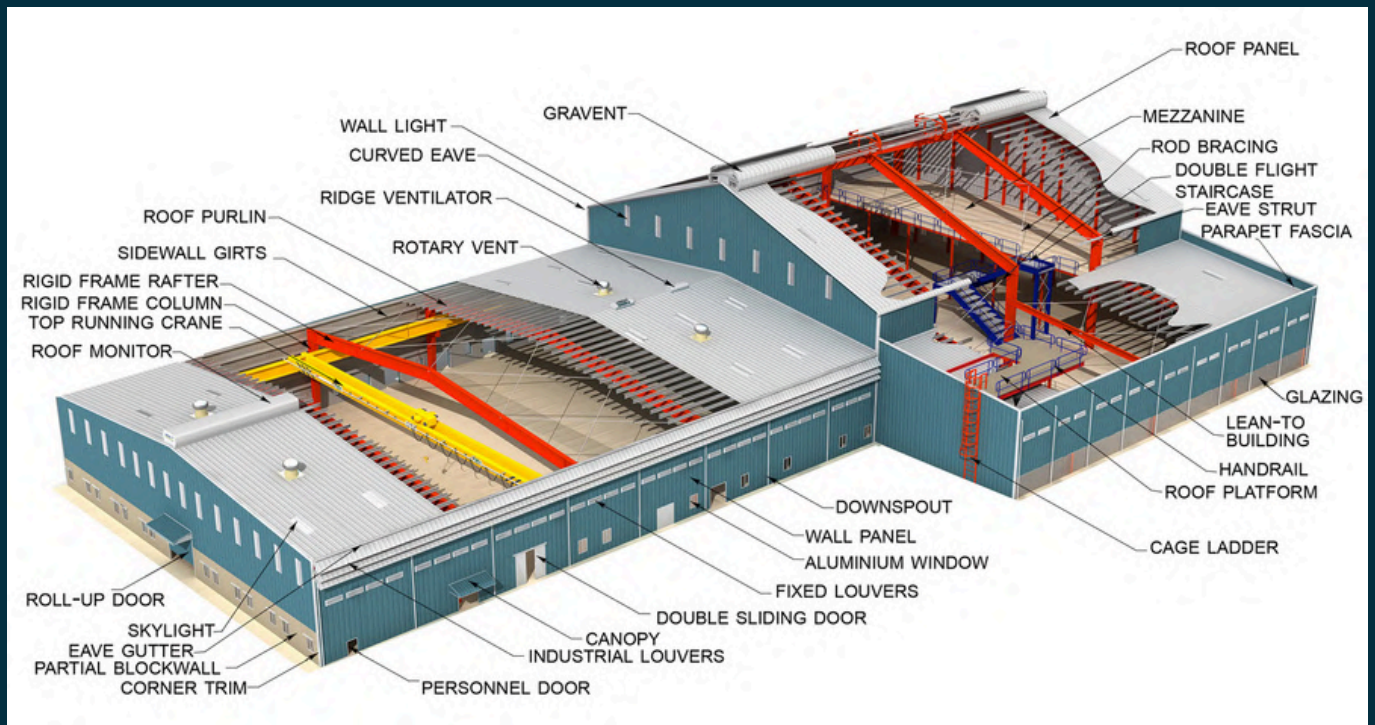


Multi Span "3" (MS-3)



Lean-To

Component of Pre-Engineered Building



Product Range



PRE-ENGINEERED STEEL BUILDING

Pre-engineered buildings are factory-made steel structures, perfect for industrial use. They're cost-effective, quick to assemble, and can be relocated.

MEZZANINE STRUCTURE

In Industrial applications, mezzanine floor systems are semi permanent floor systems typically installed within buildings, built between two permanent original stories.



BUILDING WITH SOLAR ENERGY SOLUTION

Industrial Solar Power Plant Systems have gained popularity in India with major Industries resorting to solar power for avoiding grid outage situations.

Product Range



AIR CRAFT HANGAR

A Hangar is a closed Building structure to hold aircraft. Hangars are built of metal structure. Hangars are used for protection from weather, direct sunlight, maintenance, assembly and storage of aircraft.

STRUCTURAL STEEL FABRICATION

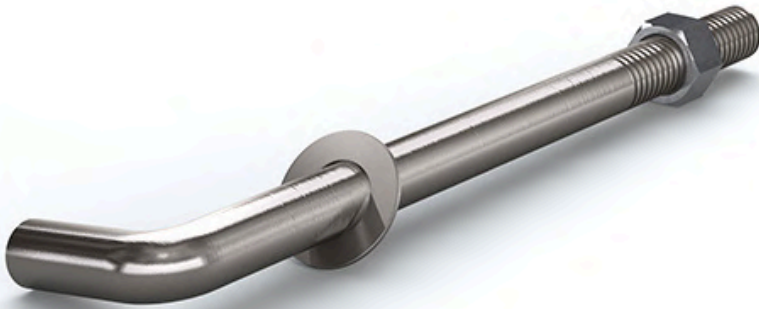
The Structural system of PEB gives speed and flexibility. This system consists of factory fabricated and painted steel column and beam segments that are simply bolted at site.



CAR PARKING

car Parking space can be covered by using the concept of Pre Engineered Steel Building. It is economical, fast to install and esthetically looking nice.

Product Range



ANCHOR BOLT

Anchor bolts are used to firmly attach steel columns or base plates to concrete foundations, providing secure anchorage and preventing displacement under load or external forces.

SAG RODS

Sag rods are used in both the roof and wall systems to prevent sagging, maintain alignment, and enhance the overall stability of the structure by providing support to the purlins and girts.



HARDWARE

Hardware includes bolts, nuts, washers, and fasteners used to assemble and secure structural components.



Product Range

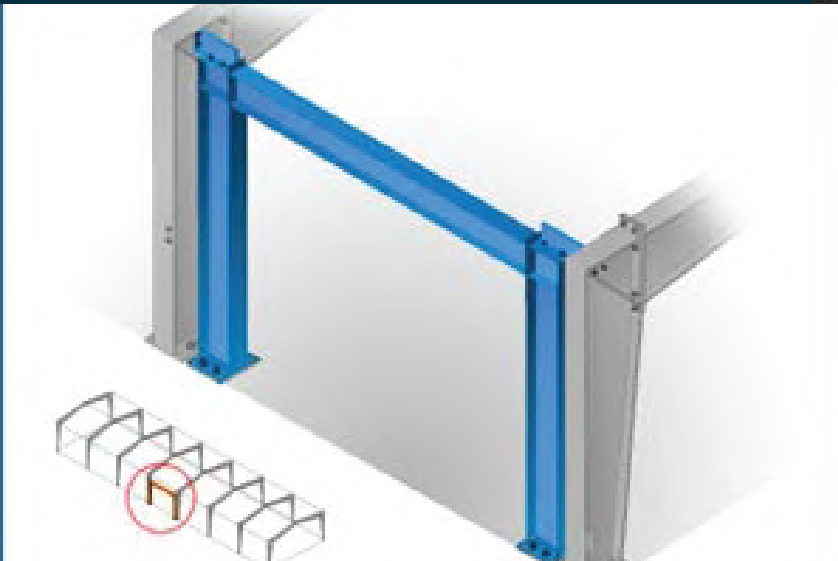


ROD BRACING

Rod bracing uses tensioned steel rods as braces to provide stability and resist lateral forces in steel structures, ensuring strength and preventing movement.

PIPE BRACING

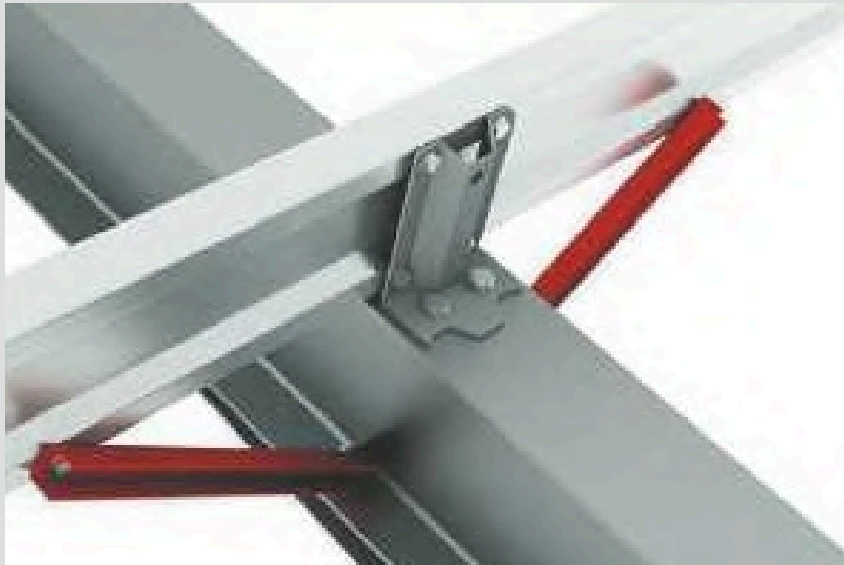
In steel structures, pipe bracing uses steel pipes as diagonal braces to enhance stability and resist lateral forces, ensuring the strength and rigidity of the framework.



PORTAL BRACING

Portal bracing in PEB is introduced where free access is required without hampering the structure stability and by providing resistance against lateral forces, ensuring the frame's stability and strength.

Product Range



FLANGE ANGLE BRACING

Flange angle bracing uses angle braces attached to beam flanges to enhance stability and resist lateral forces.

ROOF MONITOR

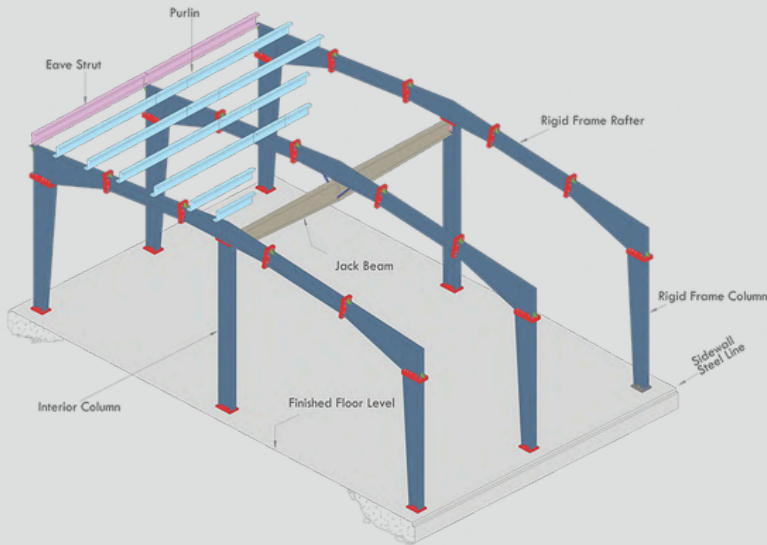
It is designed to provide natural lighting and ventilation. It enhances airflow and light distribution within industrial or commercial spaces while maintaining structural integrity.



CAGE LADDER

A cage ladder designed for vertical access in high-rise buildings or structures. It features a steel frame with a protective cage surrounding the ladder, ensuring safety and durability for users.

Product Range

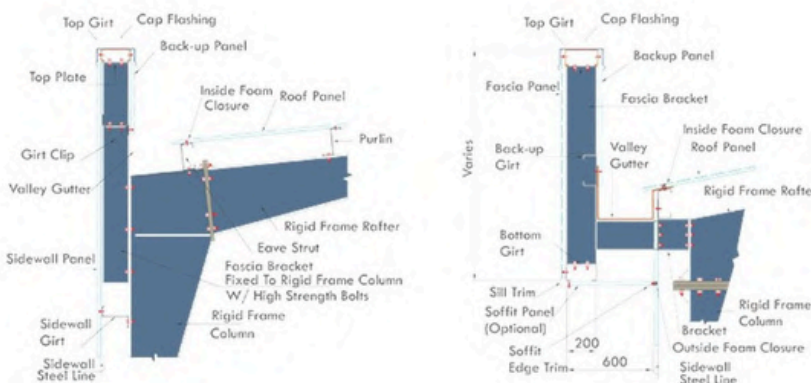
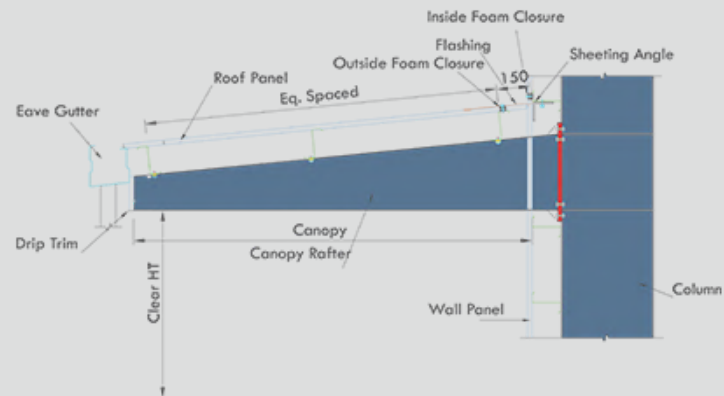


JACK BEAM

Jack Beam is a regular I section beam used to support another beam or rafter and to eliminate a column support to get more space at shop floor.

CANOPY

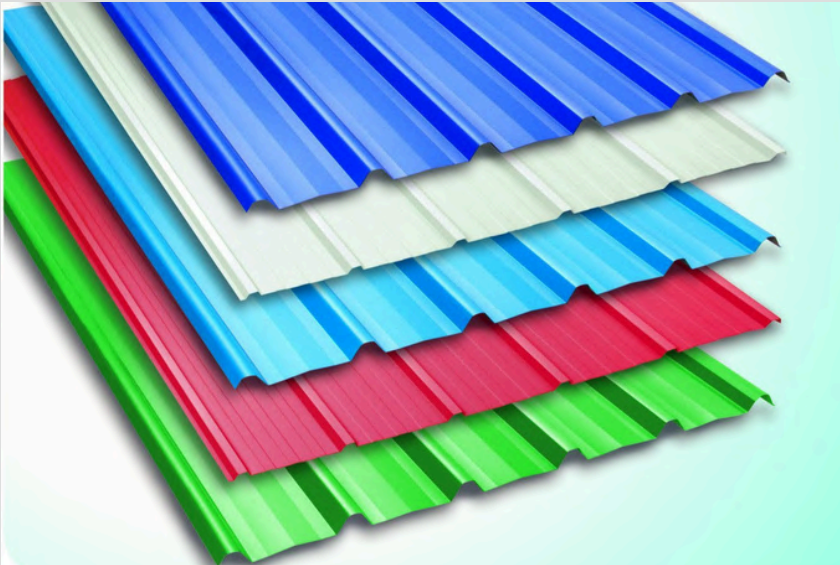
A canopy is a roof-like structure, often made of fabric or metal, that provides shelter or shade. It is used to protect from weather elements like sun or rain and is commonly placed over entrances, walkways, or outdoor spaces.



FASCIA

Fascia is a metal board placed along the roof's edge. It covers the roof structure, enhances aesthetics, and helps in securing gutters, protecting the building from weather elements.

Product Range

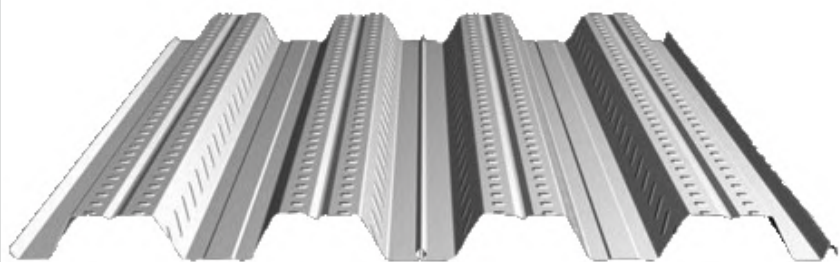
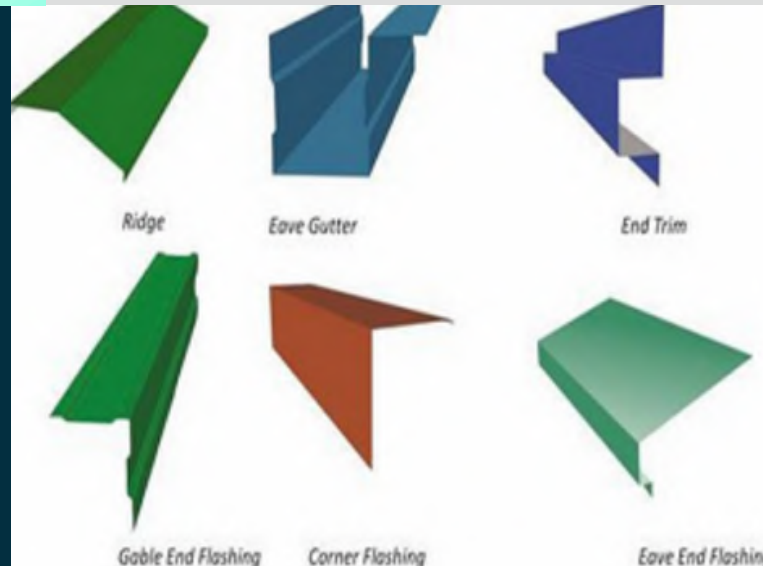


COLOR-COATED ROOFING, CLADDING AND CRIMPING SHEET

The most economical cladding for these structures is light corrugated metal sheeting on both the roof and the external walls.

TRIMS & FLASHING, Gutter & Downpipes

A Flashing designed to close the joint between the roof panels and end wall panels on gable roof and side wall panels. We are fully equipped with manufacturing facility to provide different type of Flashings.



DECKING SHEET

Decking sheets are platforms capable of supporting RCC flooring and these are connected to the inner part of the building structure.

Product Range

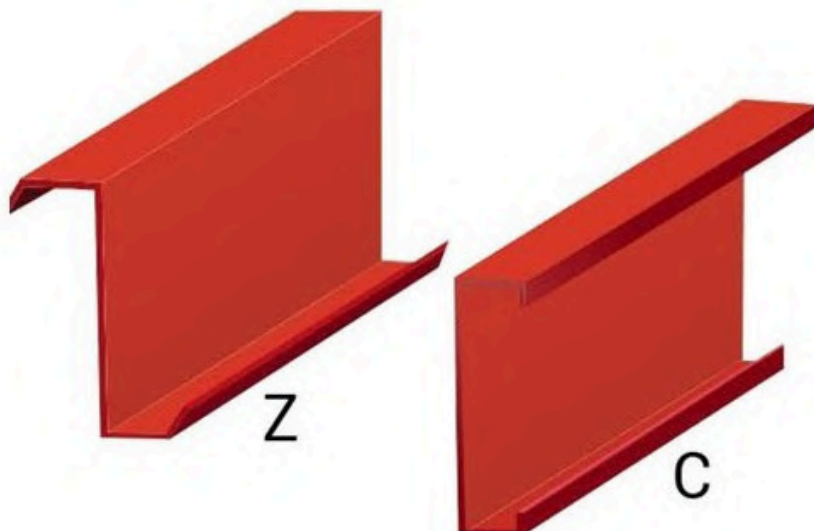


POLYCARBONATE SHEET

The polycarbonate sheets are currently being used for sunlight in the building instead of other materials such as polyethylene membrane, toughened glass and glass.

TURBO VENTILATORS

Turbo ventilators are round metal vents with fins all around. The faster the wind, the faster the turbine will rotate and exhaust the heat, smoke, fumes, humidity etc.



Z AND C PURLINS

We are offering quality tested range of C and Z purlins, which is extensively installed in panels, warehouses, high storey buildings and office buildings.

Product Range

LOUVERS

A louver is a window blind or shutter with horizontal slats that are angled to admit light and air, but to keep out rain and direct sunshine.



DIFFERENT TYPE OF INSULATIONS

Before installation of sheets, fixing of insulation to be done. Different types of insulations like Air Bubble, Glasswool, Rockwool, Nitrile Rubber insulation are commonly being used in buildings.



RIDGE VENT

A Ridge vent is a type of vent installed at the peak of a sloped roof which allows warm, humid air to escape from building.



Our Considerable Fabrication Policy



Trident Steel Building Solutions produce an Elegant PEB material made possible by superlative infrastructure and manufacturing facilities like Plasma CNC Cutting and Automatic SAW Welding, Purlin line and Sheeting Line etc.

We source only A-Grade Quality Branded Raw Material for manufacturing that respect superlative industrial parameters. Truthfully, our vendor associates are very cautiously selected so as to certify standardization agreement. We have a strong, experienced team who took responsibility of quality check at each step of fabrication with company's aim to deliver truly outstanding product in erection sequence too.

Eminence Erection & Quality Policy



Trident believes not only in quality product, we rely on deliver our each and every project in professional manner by retaining SAFETY at top priority.

We performed erection only by our certified professional contractors who follow our erection manual to handover the project in committed time under direction of our experienced technical Project Engineers.

Safety, Time, and Commitment

→ Safety our Prime Significance

As someone well said **"Safety needs to be a value not priority."**

So, Safety of people is our highest law and we encourage safety before start.



→ Project Conclusion with Commitment

Every client has several expectations to access his project in optimum time frame due to numerous reason might there.

We meet those expectations !



→ Genuine Price

Time is a key factor in productivity. Working efficiently enable us to deliver better value at a competitive price.

Our customer positively says that



Habit Of Only Branded Materials

Branded material enhances credibility as well as reliability of a product that gives pleasure and confidence to a customer for his product's durability.

We don't ignore our customer's Pleasure !



Our Projects



M/S AFC SYSTEMS AT GREATER NOIDA, UP



FACTORY AT BAWAL, HR



WAREHOUSE AT FARRUKHNAGAR, HR

Our Projects



WAREHOUSE AT FARRUKHNAGAR,HR



M/S SHAM FOAM PVT.LTD.AT AMBALA,HR



M/S SKUAS BREWERRY PVT.LTD. AT SITARGANJ,UK

Our Projects



M/S KS RUBBER INDUSTRIES AT FARRUKHNAGAR,HR



M/S MAGHAN PAPER MILL AT SANGRUR,PB



M/S KK INDUSTRIES AT JALANDHAR,PB

Our Projects



M/S HORIZON RECYCLING PVT.LTD. BHAGWANPUR,UK



M/S GAHIR AGRO INDUSTRIES LTD. AT SANGRUR,PB



M/S FRONTIER ALLOY STEELS LTD. AT PONTA SAHIB,HP

Our Projects



M/S FRONTIER ALLOY STEELS LTD. AT PONTA SAHIB,HP



M/S FRONTIER ALLOY STEELS LTD. AT PONTA SAHIB,HP.



M/S ESHAAN RAIL TECHNOLOGIES PVT.LTD. DERABASSI,PB

Our Projects



M/S FOREVER BODYCARE INDUSTRIES AT BHAGWANPUR

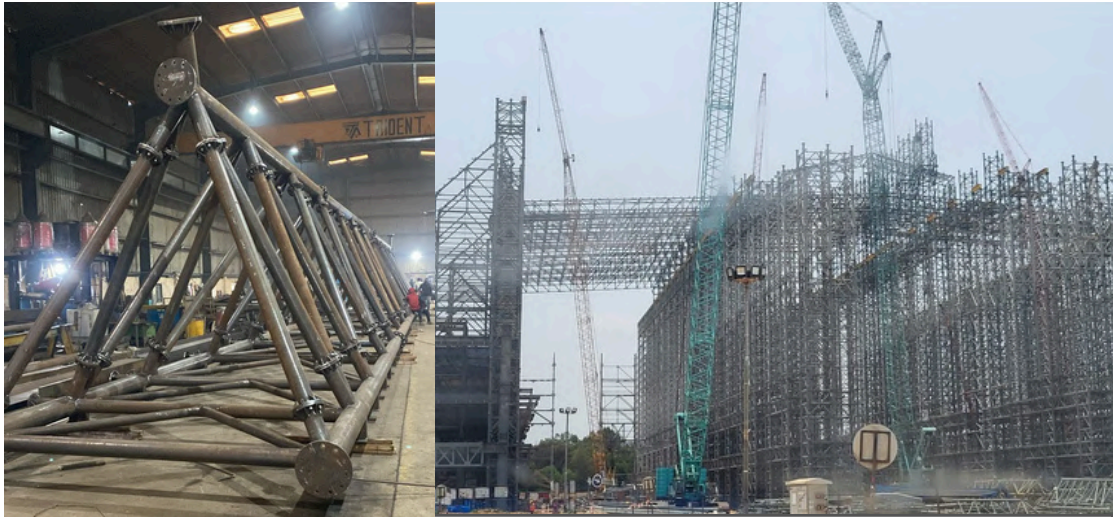


M/S BN PLASTIC AT AJITGARH,RJ



M/S APJ TECHNOCAST PVT.LTD. AT RUDRAPUR,UK

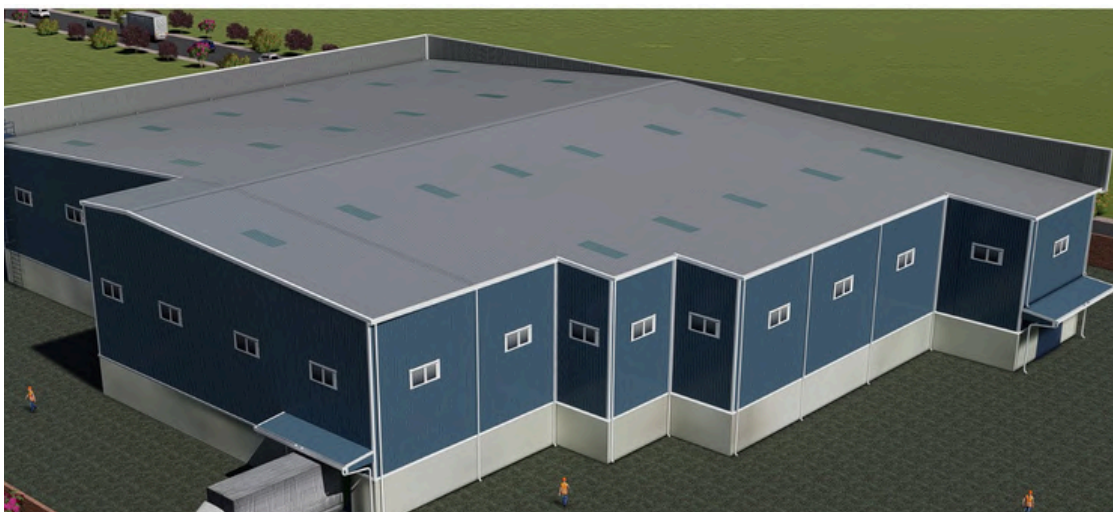
Our Projects



SHIPYARD AT KARWAR, KARNATAKA



M/S BMW STEEL LTD. AT BHAGWANPUR, UK.



M/S GB EQUIPMENT SYSTEMS LTD. AT DEHRADUN, UK.

Our Projects



M/S TIRUPATI WELLNESS PVT. LTD. AT PONTA SAHIB,HP

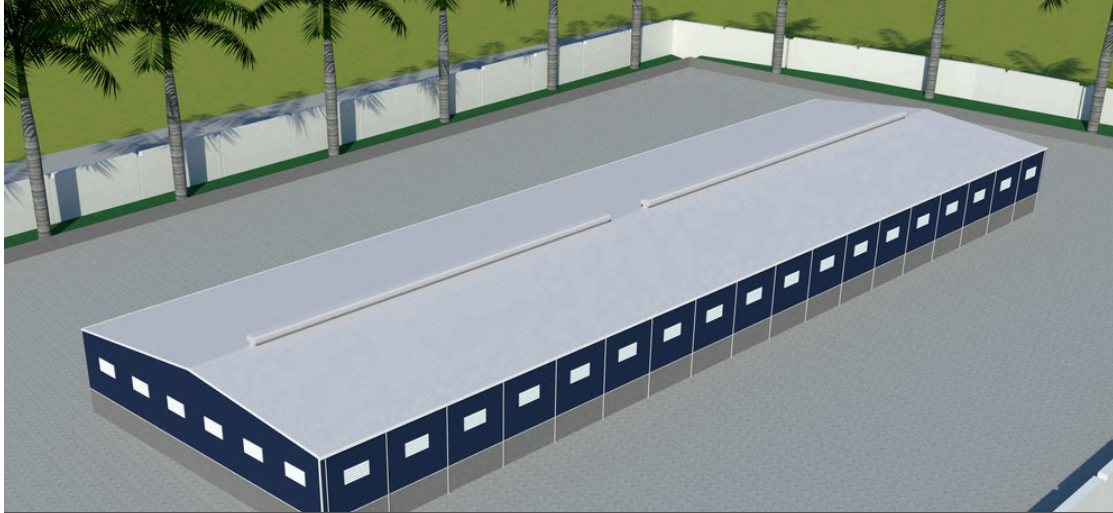


MS TIRUPATI MEDICARE PVT. LTD. AT PONTA SAHIB,HP



M/S PERFECT PIPE FITTING COMPANY AT DHURI, PB.

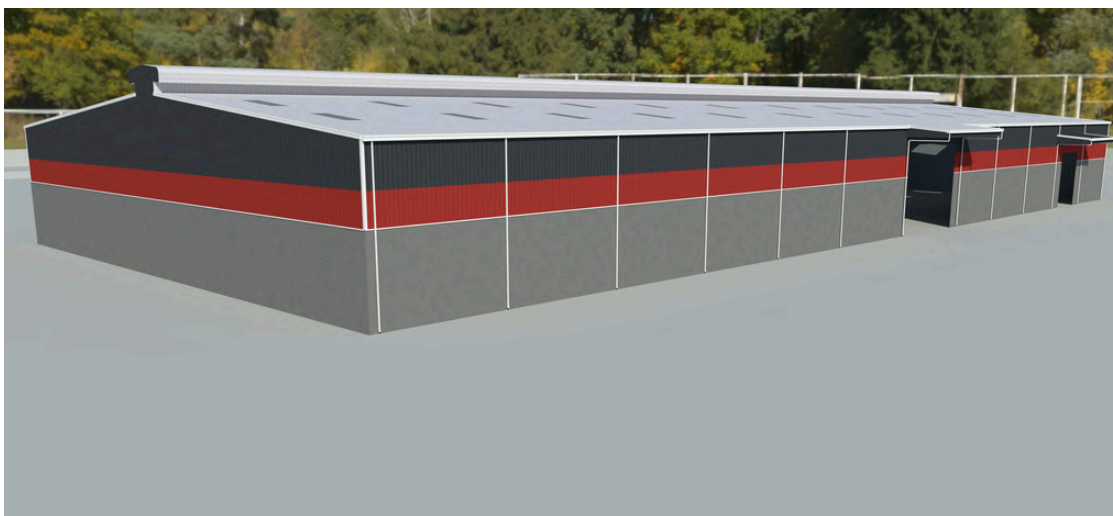
Our Projects



M/S PERFECT BELTS PVT. LTD. AT JALANDHAR, PB



M/S PERFECT BELTS PVT. LTD. AT JALANDHAR, PB



M/S JD GEARS PVT. LTD. AT- DHURI, PB.

Our Projects



M/S VAIRAGI BREWERIES PVT.LTD. AT BARABANKI LUCKNOW



M/S VAIRAGI BREWERIES PVT.LTD. AT BARABANKI LUCKNOW



M/S VAIRAGI BREWERIES PVT.LTD. AT BARABANKI LUCKNOW

Our Projects



M/S NAHAR ENTERPRISES AT LUDHIANA, PB



Quality



Cost Effective



Fast Execution

Let's Work Together

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