P.F.P.L.

PRE- ENGINEERED STEEL BUILDING SOLUTIONS

PATEL FABRITECH PVT. LTD.

STEEL BUILDING MANUFACTURER, SUPPLIER & ERECTION

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ABOUT PFPL

We take this opportunity to introduce ourselves as **PATEL FABRITECH PVT LTD. (PFPL)** , one of the leading trusted name in Manufacture, Fabrication and Erection of Pre-fabricated Steel Structure in Indore, Madhya Pradesh. Our Mission is to supply high quality steel products providing related services & solutions to our client base.

PFPL Is a start up venture in the field of **PRE-ENGINEERED BUILDING STRUCTURES** in the year 2015 with establishing the production unit in Pithampur, Madhya Pradesh with the finest state-of-the-art technology & equipment.

We at PFPL proffer a complete building system to the customer commencing from engineering, designing, manufacturing and installing the building at the site. Our in-house manufacturing facilities with Impeccable equipment, well-made fabrication components & all requisite accessories enable us to deliver the best quality work to the end users.

The Company's philosophy to augment business with the newest technology facilities in offering the latest Structural designs to the customers and the team's incessant efforts to deliver value driven performance enable us to built strong foundation based on long lasting relations with the customer.

APPLICATIONS

Institutional
- Schools
- Exhibitions Halls
- Hospitals
- Theaters/Auditoriums
- Sports Halls

Agricultural
- Dairy Farms
- Green Houses
- Grain Storage

Commercial
- Showroom
- Distributions Centers
- Supermarkets
- Fast Food Restaurants
- Offices
- Toll Plaza
- Labor Camps
- Service Stations
- Shopping Centers

Industrial
- Workshops
- Warehouses
- Car Parking Sheds
- Process Plant

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WHY PEB STRUCTURE

Responsibility: Single source responsibility from inception to completion

Foundations: Simple Design light weight with flexible structure & easy to construct with large space Utility.

Sourcing & Coordination: Building structure supplied with complete cladding & all accessories from single source.

Design: Quick & Efficient designs through Cad programmers.

Delivery: Shortest delivery period on an average of 6-8 weeks.

Seismic Resistance: Suitable for various weather conditions & high resistance to seismic disturbance.

Erection Cost & Time: Fast Erection process with minimum requirement & Predetermined Calculative time & cost.

Price Structure: Per square meter prices are 30% less than the conventional structures.

Maintenance: Low maintenance cost requires only periodic cleaning & annual washing of eave gutters.

PEB ADVANTAGES

- HIGH STRENGTH STEEL
- COLUMN FREE BUILDINGS
- FUTURE EXPANSION
- EASY TRANSPORTATION
- VAST RANGE
- LOW MAINTENANCE COST
- FOUNDATION REQUIREMENT
- LARGE UNOBSTRUCTED SPACE UTILITY
- SUITABLE FOR VARIOUS WEATHER CONDITIONS

PEB PRIMARY SYSTEM

PRIMARY BUILT-UP MEMBERS MAINLY CONSISTS OF

- Built-up "I" shaped primary structural framing members
- Columns,
- Rafters.

These members are fabricated from high strength plates, which are cut to size and shape as per the Specifications, which are used in making Built-up sections.

Typical Rafter

Typical Column

PRIMARY FRAMING SYSTEM

In this system practically any geometrical frame is possible. Unsymmetrical framing systems about the ridge line and multiple framing systems with unequal width are also possible, but they require more engineering time and longer delivery periods. All the above components are designed in such a manner that they are compatible with each other. The fabrication of these components is carried out under strict quality control norms as per detailed shop drawings. Functional subsystems include mezzanine floors (including joists and decking), crane runway beams (to support crane systems), roof platform, catwalks, etc. Aesthetic features include fascias, parapets, canopies and roof extensions. These components are transported to site with proper makings and are assembled at site as per erection drawings.

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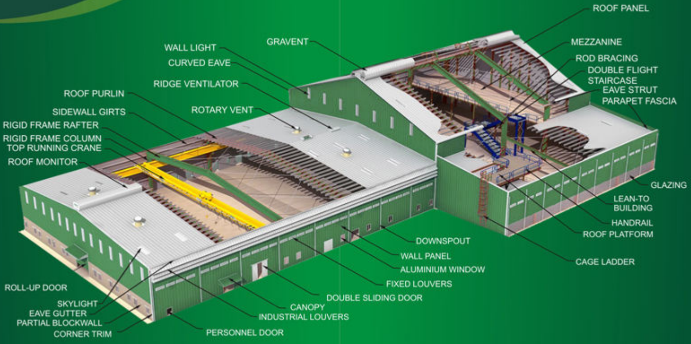
PEB CONCEPT


ROOF PANEL
MEZZANINE
ROD BRACING
DOUBLE FLIGHT STAIRCASE
EAVE STRUT
PARAPET FASCIA
WALL LIGHT
GRAVENT
CURVED EAVE
RIDGE VENTILATOR
ROOF PURLIN
ROTARY VENT
SIDEWALL GIRTS
RIGID FRAME RAFTER
RIGID FRAME COLUMN
TOP RUNNING CRANE
ROOF MONITOR
GLAZING
LEAN-TO BUILDING
HANDRAIL
ROOF PLATFORM
CAGE LADDER
DOWNSPOUT
WALL PANEL
ALUMINIUM WINDOW
FIXED LOUVERS
DOUBLE SLIDING DOOR
CANOPY
INDUSTRIAL LOUVERS
PERSONNEL DOOR
ROLL-UP DOOR
SKYLIGHT
EAVE GUTTER
PARTIAL BLOCKWALL
CORNER TRIM

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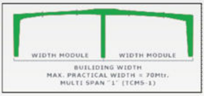
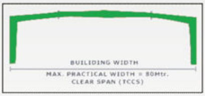
PEB PRIMARY SYSTEM


WIDTH MODULE
WIDTH MODULE
BUILIDING WIDTH
MAX. PRACTICAL WIDTH = 70Mtr.
MULTI SPAN "1" (TCMS-1)


BUILIDING WIDTH
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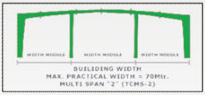
CLEAR SPAN (TCCS)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BUILIDING WIDTH
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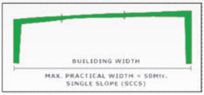
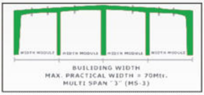
MULTI SPAN "2" (TCMS-2)


BUILIDING WIDTH
MAX. PRACTICAL WIDTH = 50Mtr.
SINGLE SLOPE (SCCS)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BUILIDING WIDTH
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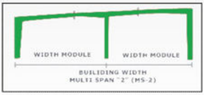
MULTI SPAN "3" (MS-3)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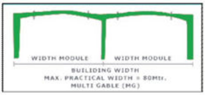
BUILIDING WIDTH
MULTI SPAN "2" (MS-2)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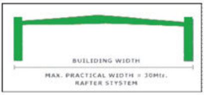
BUILIDING WIDTH
MAX. PRACTICAL WIDTH = 80Mtr.
MULTI GABLE (MG)

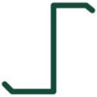

BUILIDING WIDTH
MAX. PRACTICAL WIDTH = 30Mtr.
RAFTER STYSTEM

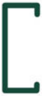
SECONDARY BUILT-UP MEMBERS MAINLY INCLUDE

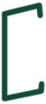
- Purlins
- Eave struts
- Side Runners
- Fascia Channels
- Door Posts
- Window Posts
- Rafter Stays
- Column stays
- Base Angles

Cold-formed "Z" and "C" shaped secondary structural members is cold Roll Formed light gauge, which are Made as per the design requirement and consist of.

- Roof Purlin
- Wall Girts
- Gavestruts


Z-SECTION


C-SECTION

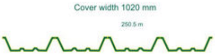

EAVE STRUT

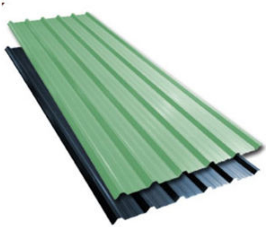
SHEETING & ROOFING

The sheets and panels provided by us are of Galvanized/Galume Aluminium/Stainless Steel, Cold Rolled Low carbon steel coils. They are of Two coat Two Bake color coating Line of RMP/S DP/S MP/PV DF/ Plastisol Paint, Solvent & Water Base PU & Polyester Guard Film.

These basically consist of

- Metal Roofing / Wall Cladding
- Connection Fasteners
- Sky Light (Sky Light & Poly Carbonate)
- Turbo Ventilator
- Ridge Ventilator
- Roof Curbs
- Gutter
- Window
- Door


Cover width 1020 mm
250.5 m



ACCESSORIES

TURRBO VENTILATORS

CANOPIES & SLIDING DOORS

LOUVERS

FASCIAS

FLASHINGS & TRIMS

FRP SHEETS/ POLY CARBONATE SHEETS

NUTS & BOLTS / ANCHOR BOLTS

OUR PROJECTS

Indian Logistics, Bhiwandi, Mumbai, M.H.

Preethi Logistics, Sanand, Guj.

Jaya Hind Montupet, Dewas, M.P.

STI Phoenix Pithampur, M.P.

Parakh Agro, Nimrani, M.P.

JRG Logistic, Indore, M.P.

Orange City Logistics, Nagpur, M.H.

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L & T Case, Pithampur M.P.

Kerakoll, Vadodra, Guj.

Bridgestone, Pithampur, M.P.

John Deere, Dewas, M.P.

TATA Internationl, Dewas, M.P.

Jain Irrigation, Jalgaon, M.H.

LEEWAY Logistic, pithampur, M.P.

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