



VISHWAKARMA INDUSTRIES

MANUFACTURING OF
PRE-ENGINEERED
BUILDINGS

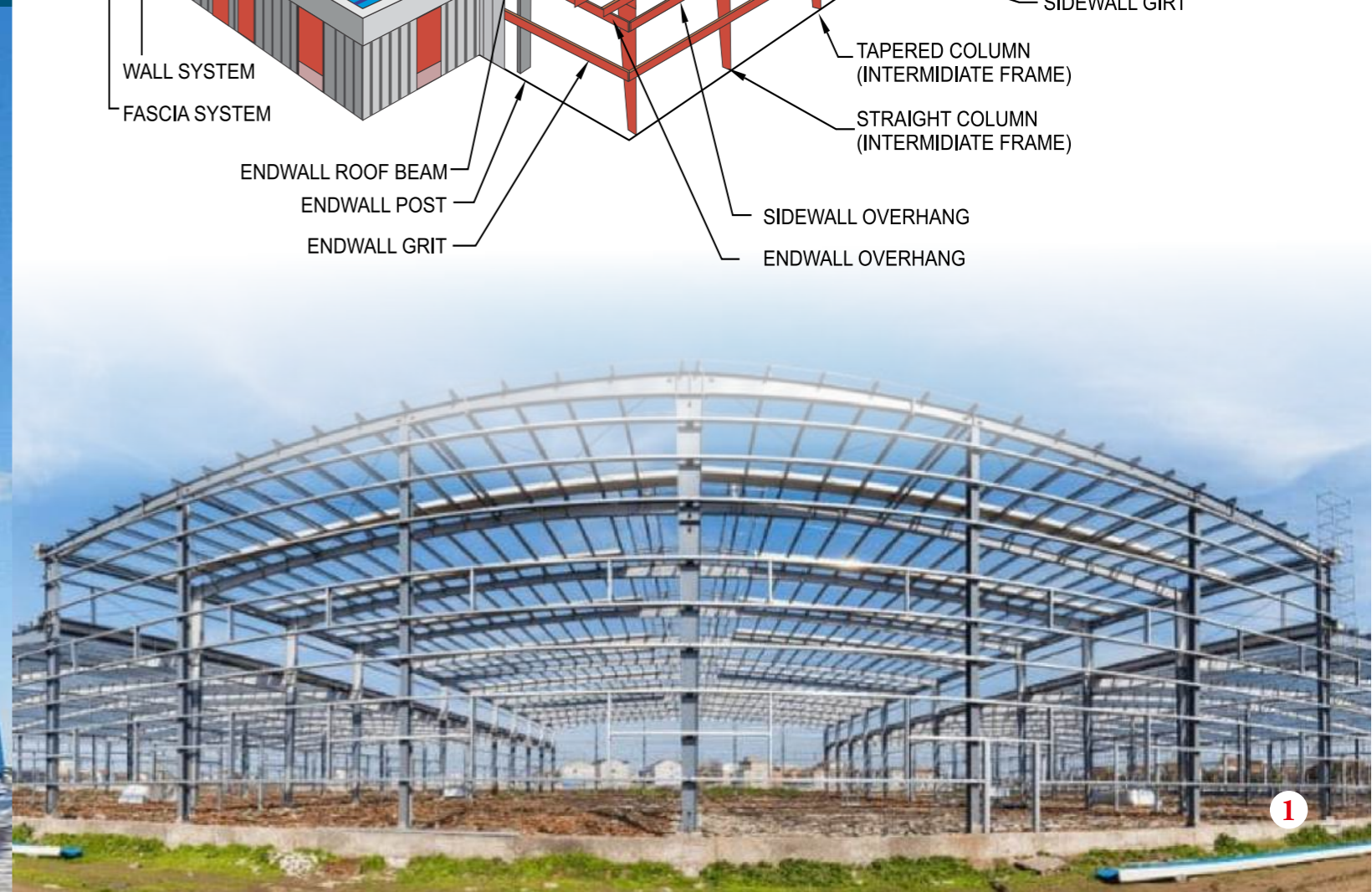
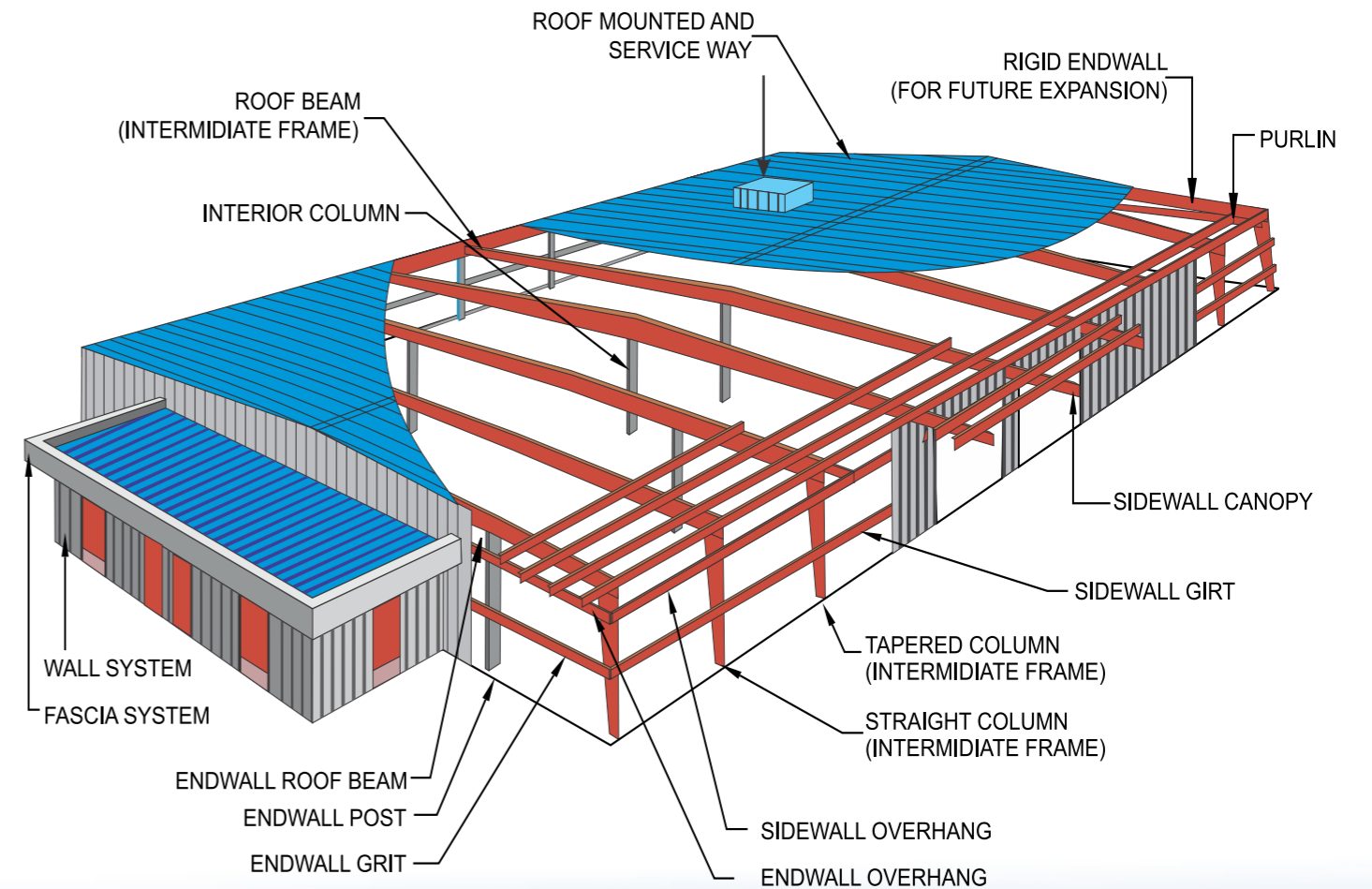


ABOUT US

Vishwakarma Industries is a pre-engineered steel buildings manufacturing company. The construction division was timely completion and professional execution are the hallmark of the company. We believe in delivering on our commitments. Our projects come from existing clients who have confidence in our ability to meet their expectations without compromising on quality.

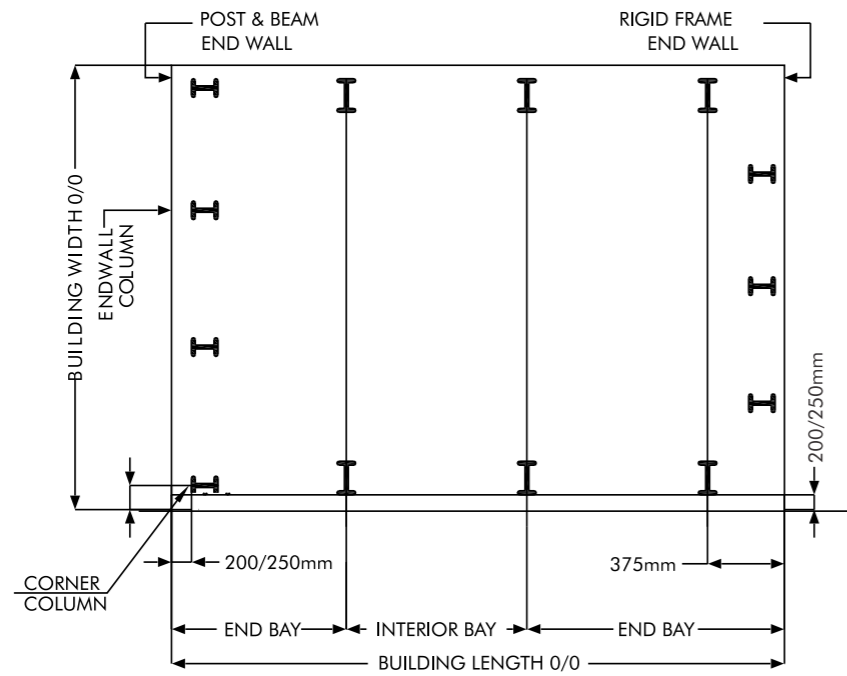


TYPICAL BUILDING

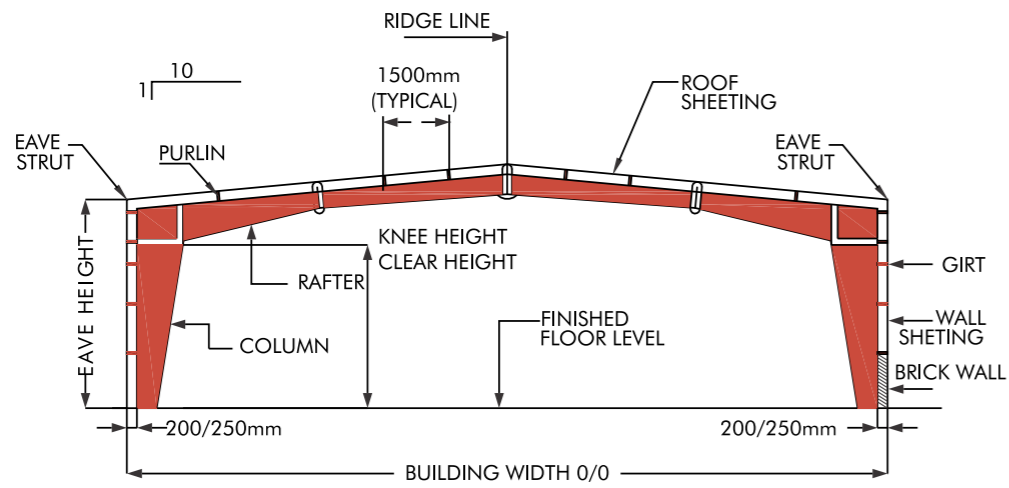




TYPICAL PLAN



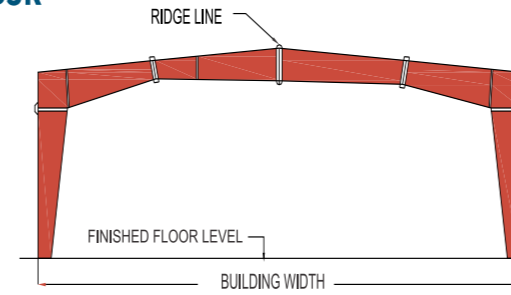
TYPICAL SECTION



Types of Typical Frames

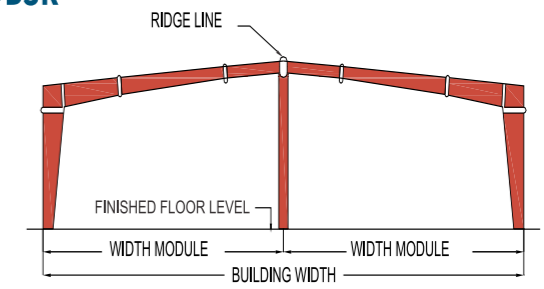


SBSR



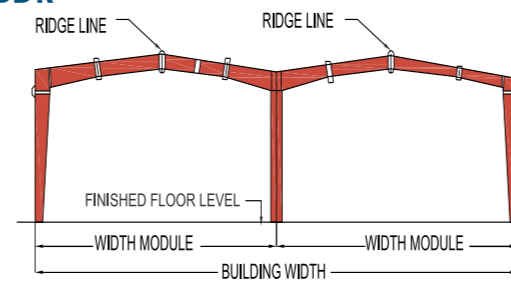
PRACTICAL WIDTH - 6 M TO MAX. 60 M

DBSR



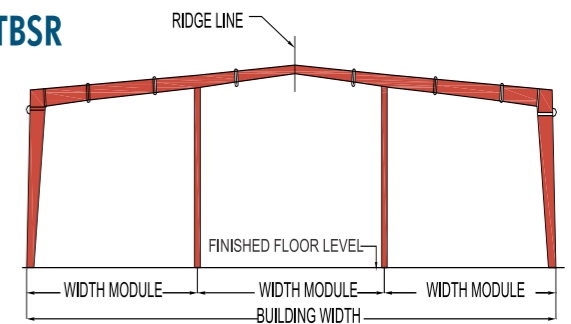
PRACTICAL WIDTH - 24 M TO MAX. 48 M

DBDR



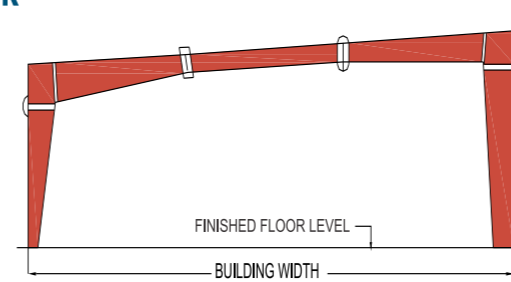
PRACTICAL WIDTH - 24 M TO MAX. 60 M

TBSR



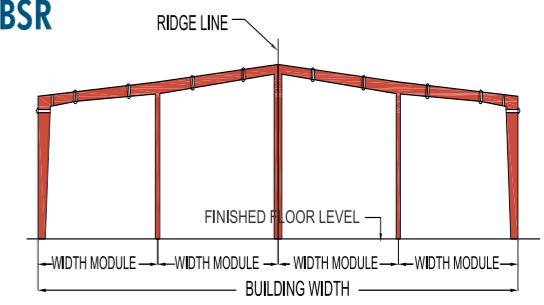
PRACTICAL WIDTH - 36 M TO MAX. 72 M

LTR



PRACTICAL WIDTH - 3 M TO MAX. 18 M

FBSR



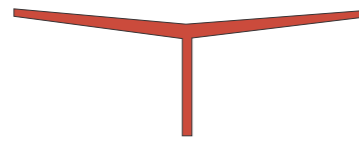
PRACTICAL WIDTH - 48 M TO MAX. 96 M





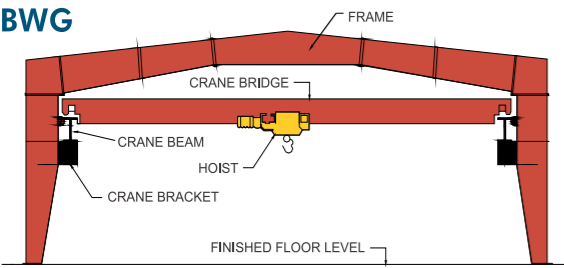
Types of Typical Frames

Y - Canopy

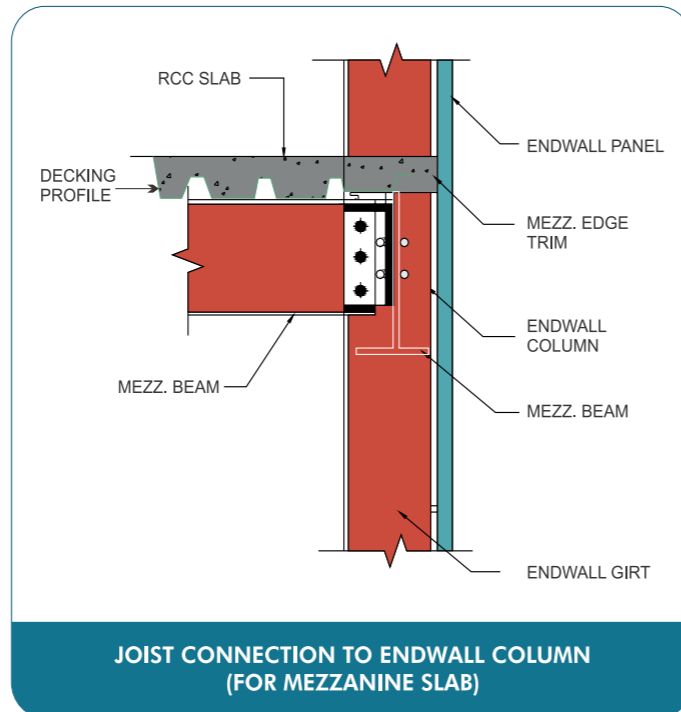


PRACTICAL WIDTH - 6 M TO MAX. 12 M

SBWG



TOP RUNNING CRANE



Pre-Engineered Building System Components



Roof Cladding Systems

With high precision roll forming and component forming machines, you can be assured about the quality and reliability of metal roofing solutions. Roofing sheets are available in pre-painted galvanized iron. These roofing sheets are available in a range of superior and aesthetic colours for roofing and wall cladding. These roofing sheets have excellent corrosion and weather resistance there by ensuring low maintenance and long durability of the roofing system.

The anti Capillary Groove



We use high tensile steel as base material with a coating of high quality alloy of AL & Zn. Technical specifications of aluminium - zinc - alloy coated steel. Roof sheeting : pre-painted galvanized iron with 0.5 mm thickness and 1000 mm wide out of 1220 sheet

Applicable Codes

Welding is designed in accordance with : Structural Welding Code

Wind Speed is applied in accordance with : IS 875 : Code for practice for design.

Cold Formed members are designed in accordance with Cold formed Steel Design Manual, American Iron & Steel Institute

Hot Rolled Sections & Built up sections are designed in accordance with : Manual of Steel Construction, Allowable stress design, American Institute of Steel Const.

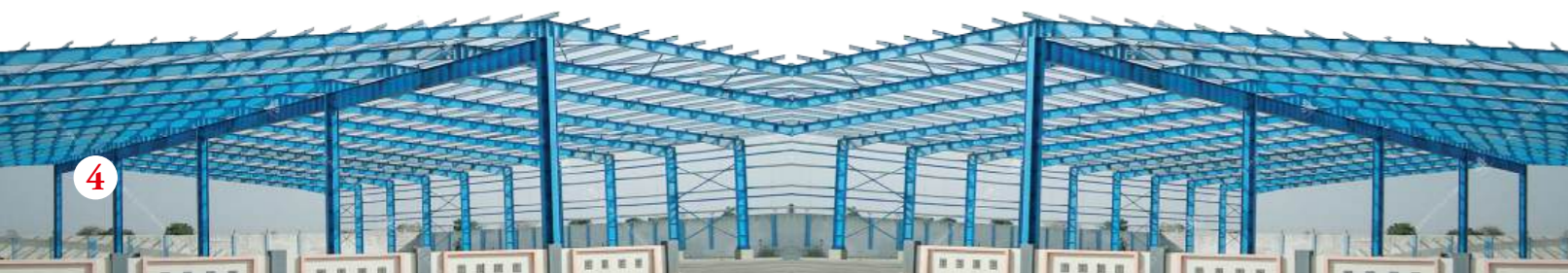
Design for seismic loads, collateral loads or any other local conditions must be specified at the time of enquiry.

Loads are applied in accordance with the latest American codes & Standards applicable to pre engineered buildings unless otherwise requested at the time of enquiry.

Wall Cladding Systems



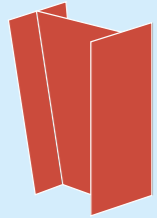
We use high tensile steel as base material with a coating of high quality alloy of AL & Zn. Technical Specifications of Aluminium - Zinc - Alloy Coated Steel





Pre-Engineered Building System Components

Primary Built-up Members



TYPICAL COLUMN

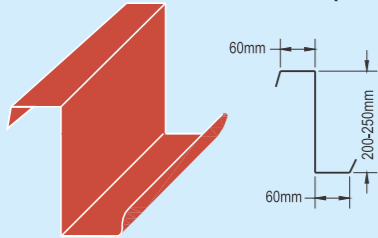


TYPICAL RAFTER

Built-up "I" shaped Primary Structural Framing Members (columns and rafters)

Secondary Members

Cold "Z" shaped secondary structural members (roof purlin, eaves struts and Wall Girts)



TYPICAL Z- SECTION

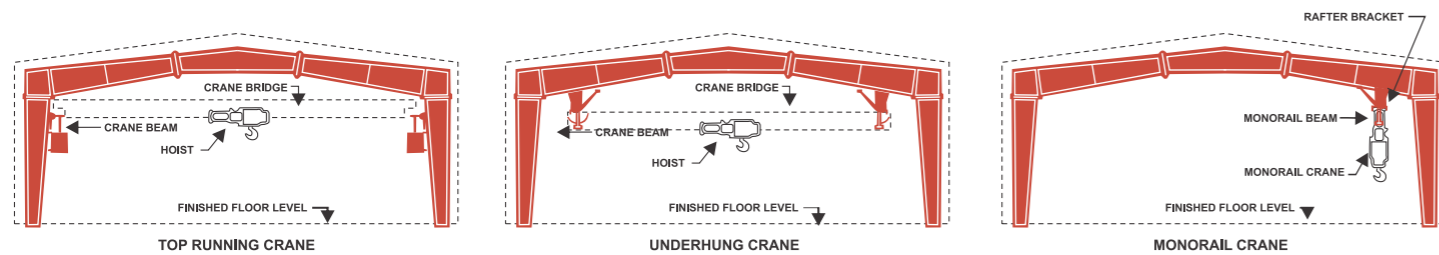
The main advantages of "Z" purlins are :

Savings upto 40-50% weight of structural steel and 25-30% in costs when compared to hot rolled sections.

Saving upto 30-40% in weight and 15% in costs when compared tubular purlins.

We offer a wide range of sections to facilitate better and economical selection. Purlin erection is easier than other.

Crane System



Crane System includes crane runaway beams, columns, brackets and crane stop. Our engineering department will design the crane runaway beams and frames supporting them on the basis of crane loading data provided by the customer ad in accordance with the relevant standards.

Fixing Accessories



Bolts & Nuts (For Steel Structure)



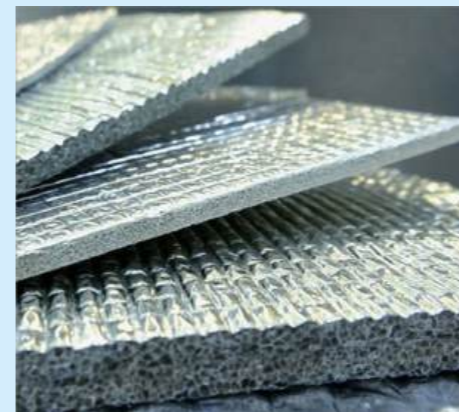
Self Drilling & Tapping Screws with Sealing Washer (For Sheeting)



Sealant & Closures (For Sheeting)

Other Accessories

Reflective Insulation



LOUVERS



Insulation Material

Insulated Building Rolls

Insulated building rolls are efficient low-density insulation material made from non-combustible glass wool fibre and bonded together by thermosetting resins. The product is easy to handle, cut and install. If is factory laminate with reinforced aluminium foil on one side.

Advantages :

- * Keeps cool and comfortable in summer and warm in winter
- * Reduction in noise by high sound absorption
- * Non-combustible
- * Water repellent





Manufacturing Facility Unit-1



CNC PLASMA MACHINE



PTW MACHINE ABW-1500



SHEARING MACHINE





Manufacturing Facility Unit-2



SHEET PROFILE MACHINE



CNC PRESS BRAKE



DECK SHEET PROFILE MACHINE



C & Z PURLIN MACHINE



SHEET CRIMPING



DOWNTAKE PIPE



ALL TYPES OF L-ANGLE MACHINE



PUNCHING MACHINE





Sand Blasting & Painting



Finished Goods & Dispatch





Completed Projects



MR AGRI SEEDS RAICHUR



SHREE JAYA LABS, KOYALAGUDEM



CYBER CONVENTION HALL HI-TECH CITY



SD AGRO INDUSTRIES RAICHUR



CSR BAR & RESTAURANT HI-TECH CITY(G+1)



G2C DANDUMALKAPUR



Completed Projects



RICE MILL WARANGAL



RG GROUP KARNATAKA



PRINTART CORPORATION, HYD



SVVE PVT. LTD. DANDUMALKAPUR



G+2 RANCHI



Setting GREEN Standards

GREEN INNOVATIONS

Steel-the Green Metal



Regional Materials Usage



Heat Island Effect



Innovation & Design



Insulated Metal Panels



Long bay Spackling

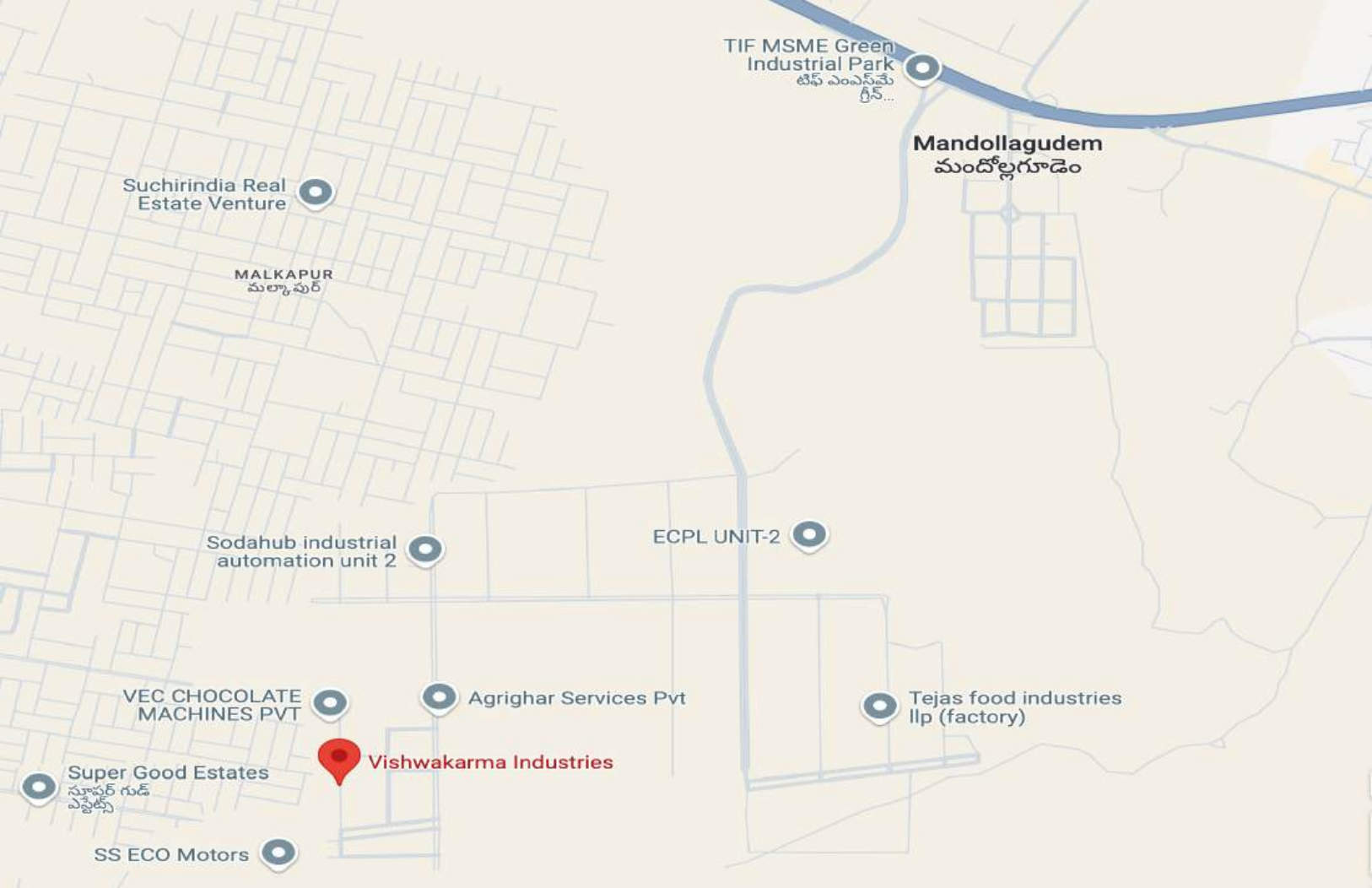


Sky Lights



Renewable Energy Options





VISHWAKARMA INDUSTRIES

MANUFACTURING OF PRE-ENGINEERED BUILDINGS

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