



PRE-ENGINEERED
TURNKEY BUILDING SOLUTIONS

ABOUT US

OSG Build Infra Project Pvt. Ltd. Is a Turnkey Building solutions Company Providing The Design, Civil, MEP, Manufacture and Erection of Turnkey Building Systems for Industrial, Warehouses and Commercial Construction. Our Systems play a part in buildings with in the Commercial, Community, Industrial and Agricultural Markets and with Services such as Roofing and Modifications of Conventional System, OSG Build Infra Project Pvt. Ltd. Beyond the Manufacture of Steel Building Systems By Offering Full-service Turnkey Construction Solutions.

OUR ONE STOP SERVICES

- ◆ CIVIL WORK
- ◆ FIRE FIGHTING WORK
- ◆ TRUST & TRANSPERENCY
- ◆ COST EFFECTIVE SOLUTION
- ◆ ELECTRICAL WORK/LOW VOLTAGE WORK
- ◆ EFFECTIVE RESOURSE PLANNING & DESIGNING
- ◆ PRE- ENGINEERED BUILDING WORK
- ◆ PLUMBING WORK
- ◆ QUALITY & SAFETY MANAGEMENT
- ◆ EXCUTION WITH TIME LINE



COMPANY'S VISION, MISSION & VALUES

VISION

To be recognized as the bench mark in the steel trunked buildings industry; this will be accomplished through product Perfection, Engineering Excellence and the Best customer services in the industry.

MISSION

- To bring the Turnkey Building-Services to where it is most needed in the world, and help others "build a better life", through industrialization.
- To (Jointly) build high capacity, efficient & cost effective steel factories for speedy/timely deliver and for benefiting from "large economies of scale"
- To design and fabricate safe and technologically advanced buildings.
- To offer customers versatility in design & fabrication to meet their exact building requirements
- To offer customer services which are second to none in the industry.

VALUES

- Be a leader and not a follower.
- Share knowledge and success with others.
- Apply only the latest design and buildings codes.
- Continually improve our products.
- Customer service makes all the difference; customers are life time partners; always seek a win-win solutions.

DESIGN

Our company has an in-house design and engineering team . Some of the latest software used by our design and engineering team includes:

- Autodesk Auto CAD • STAAD Pro • MBS • Tekla X-Steel

Our design and engineering team is trained to handle these complex software enabling them to design complex custom designed building structures. Our design and engineering team and our in house capabilities enable us to have strong built on knowledge of our experienced personnel.

PROJECT PROCESS

PRE-CONSTRUCTION

Site Planning

Design Finalization & Sign Off

Procurement

Identification of Critical Activity

Long Lead Delivery

Approvals

CONSTRUCTION

Sub Structure

Super Structure

Flooring

Finishing

Services

Ancillary Buildings

T&C AND HANDOVER

Training

Glitch Rectification

Updation to Client

Proven Work Flow Solution

Collaboration With All Internal Departments

Testing & Commission

Handover

QUALITY CONTROL

MATERIAL QUALITY ASSURANCE

List of material makes, finishes and specific ation

Material Sample Submission by vender in Standard format

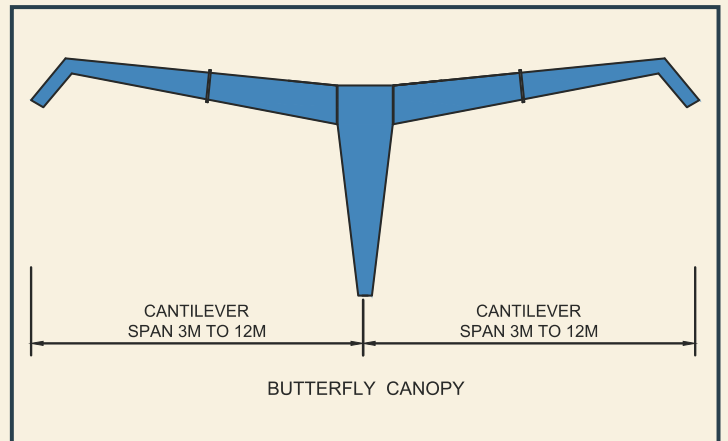
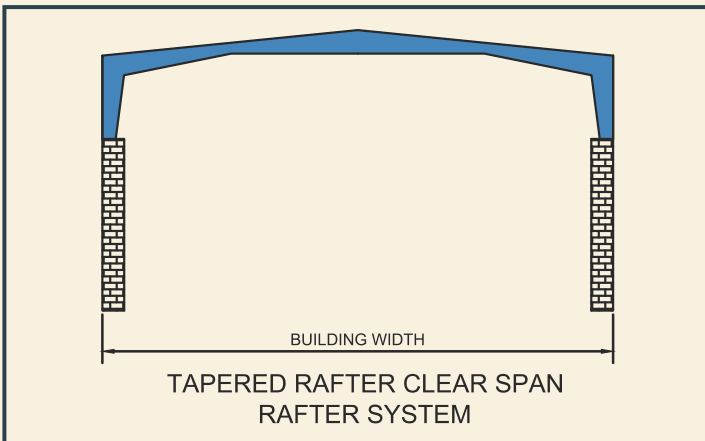
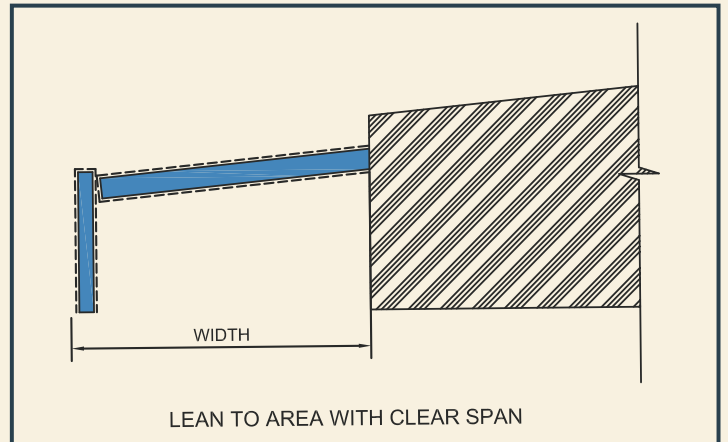
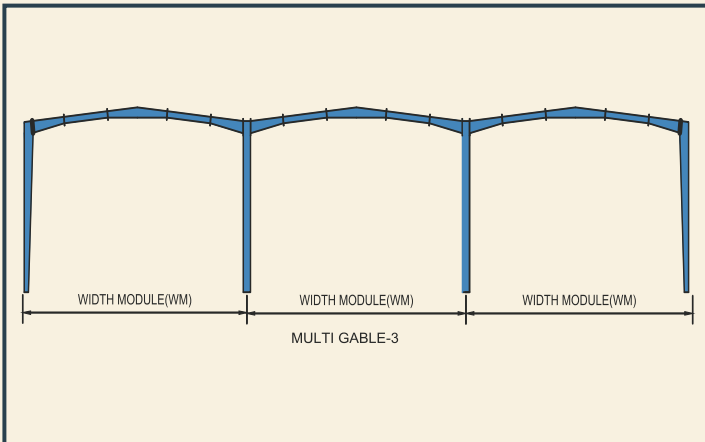
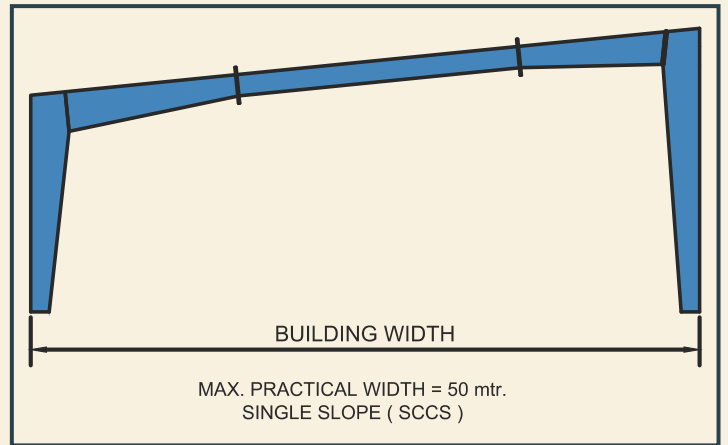
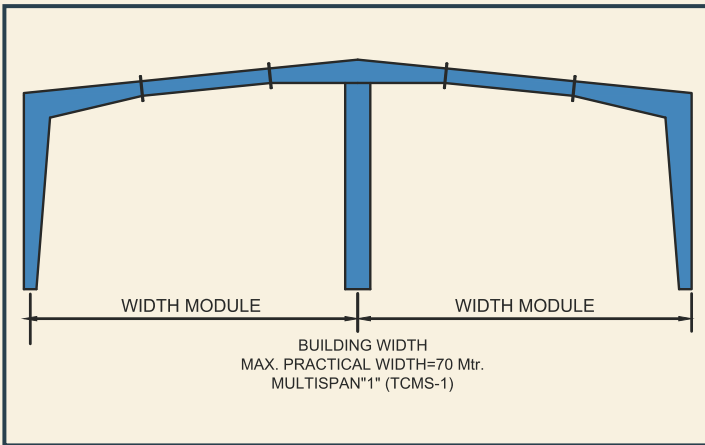
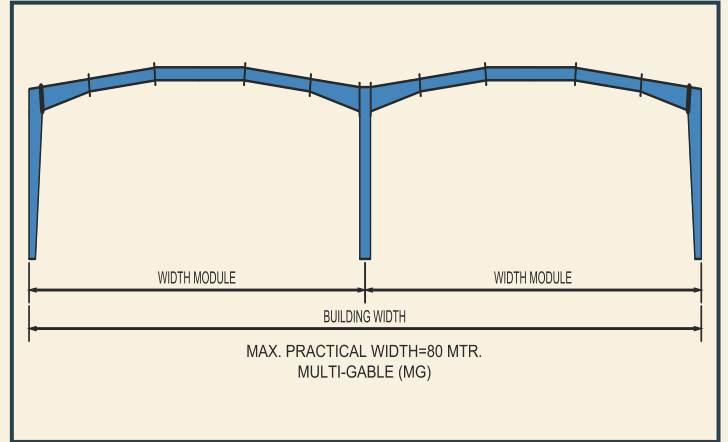
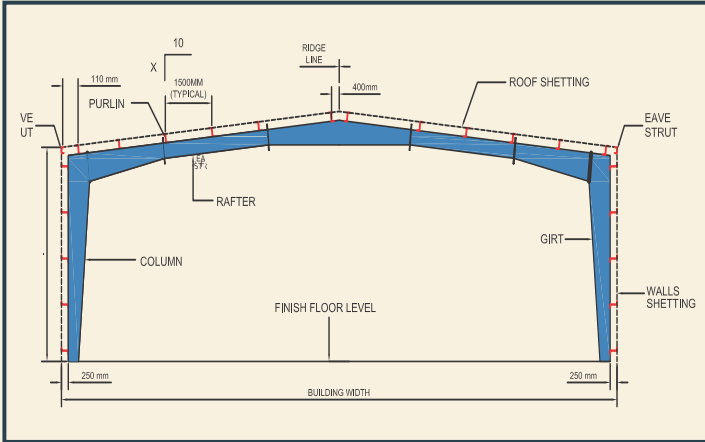
Check as per Requirement and Tender Provisions

Approval / Comments / Reason for Rejection on Semple submitted

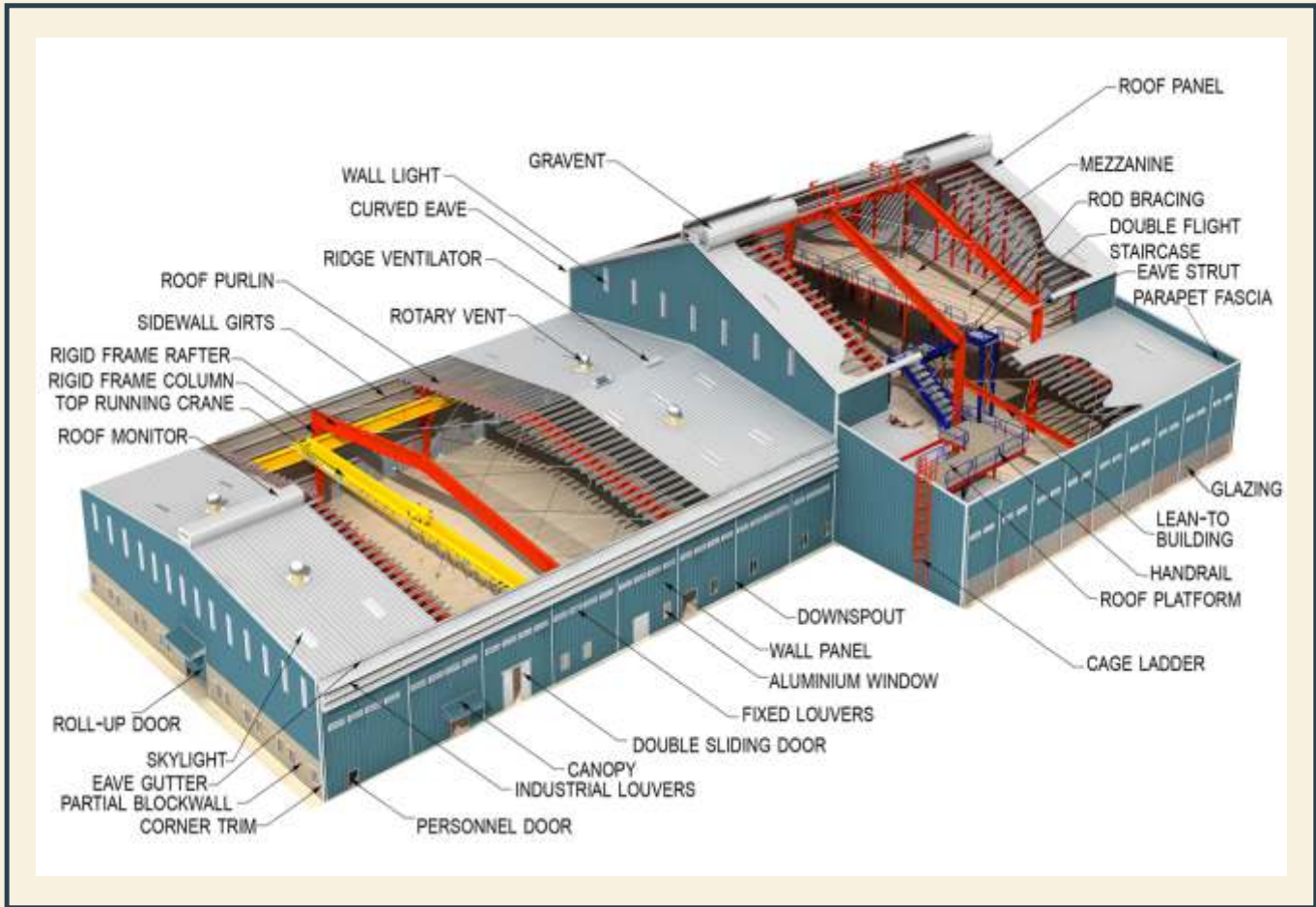
Approval Sample to be Procured

New Submissions for Rejected Samples

FRAMING SYSTEM

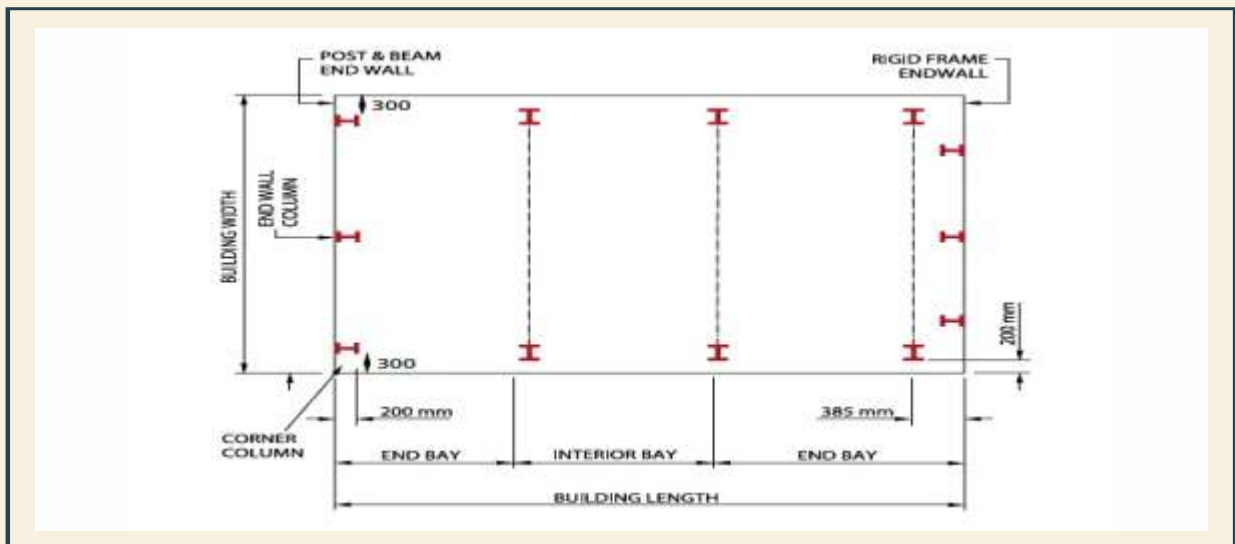


TYPICAL ARE ENGINEERD BUILDING



BUILDING NOMENCLATURE

OSG Build Infra Project Pvt. Ltd. Pre-engineered trunking building are Custom - Designed to meet your exact requirement. The basic parameters that define pre - engineered building are:



BUILDING WIDTH

Building width is defined as the distance between the outer side of an eave strut of one side wall to the outer side of an eave strut of the opposite side wall.

BUILDING LENGTH

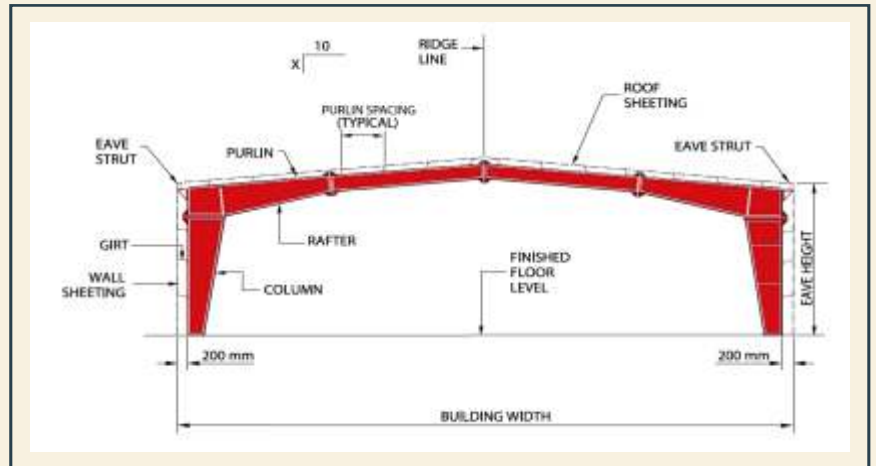
This is defined as the distance between the outer flanges of end walls column in the opposite end walls, and is a combination of several bay length.

END BAY LENGTH

End bay length is the distance from the outer side of the outer flange of End wall Columns to Center line of the first interior frame column.

INTERIOR BAY LENGTH

This is the distance between the center line of side of two adjacent interior mainframe columns. The most common bay spacing are 7-9 mts. The bay length can go up to 15.0mts.



BUILDING HEIGHT

Building height is the eave height, which is usually the distance from the bottom of mainframe column base plate to the top outer point of the eave strut. Eave height can go up to 50mts. When columns are recessed or elevated from finished floor, eave height is the distance from finished floor, eave height is the distance from finished floor to the top of the eave strut.

Roof Slope (X/10)

This is the angle of the roof with respect to the horizontal base. The most common roof shape is 1/10. however, any practical roof slope is possible.

DESIGN LOADS

Unless otherwise specified, OSG Build Infra Project Pvt. Ltd. Pre-engineered trunkey building are de-signed for following loads:

Roof Live Load:- 0.57 Kn/m²

Wind Load & Seismic Zone:- As Per Location

Design parameters of snow loads, earthquake loads, collateral load, craneloads or any other loading condition must be specified when requesting a quotation. loads are applied in accordance with american codes and standard sappli cable to pre-engineered buildings unless other wise requested at the time of quotation.

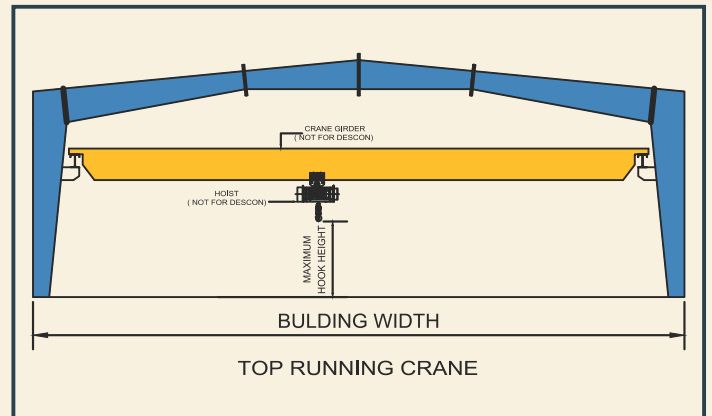
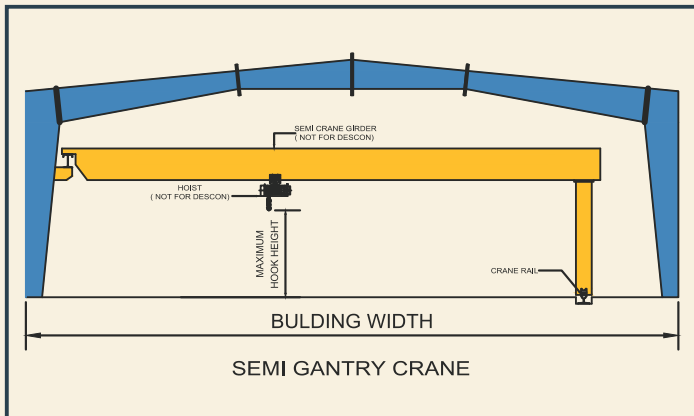
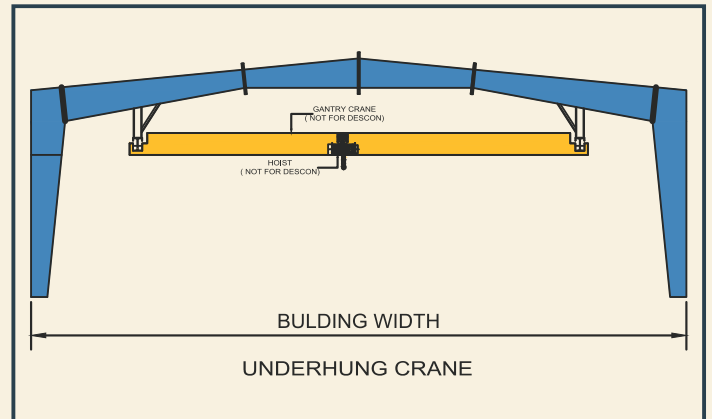
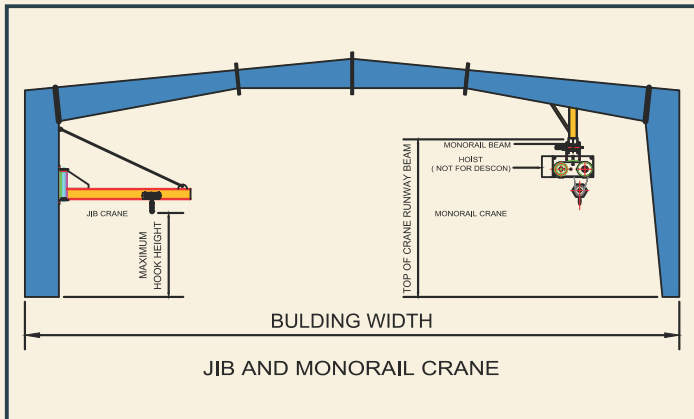
COLD FORMED SECTIONS

Purlins, Girts and Eave struts are cold formed from steel that has minimum yield strength of 345 MPa (50000psi) and conform to the Physical Specifications of ASTM A-570 (Grade 50) or Equivalent. All other miscellaneous secondary members have minimum yield strength of 345 MPa.



CRANE SYSTEM

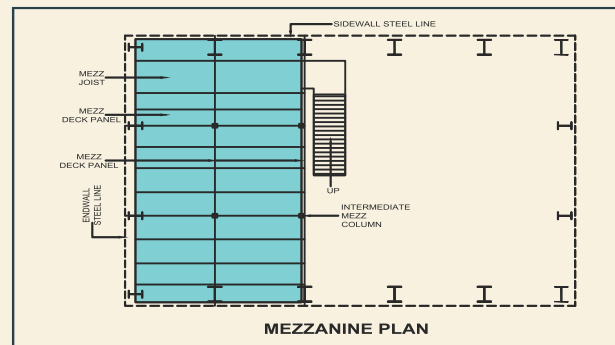
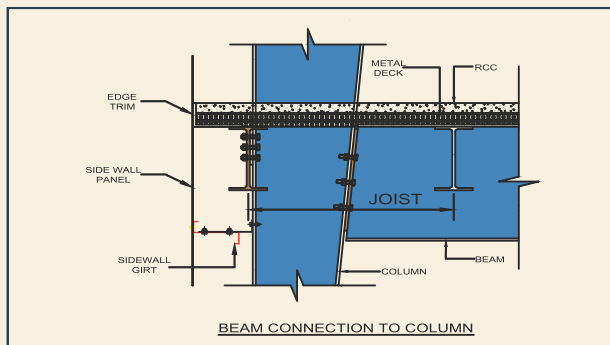
OSG Build Infra Project Pvt. Ltd. pre-engineered buildings can be designed to accept most type of crane systems such as EOT, Monorail, under-hung cranes and other load carrying device like conveyors etc., in both clear span and multi span Buildings, when crane system is to be integrated, OSG Build Infra Project Pvt. Ltd. scope is Limited to brackets and crane run way beams which support the crane system.



MEZZANINE SYSTEMS

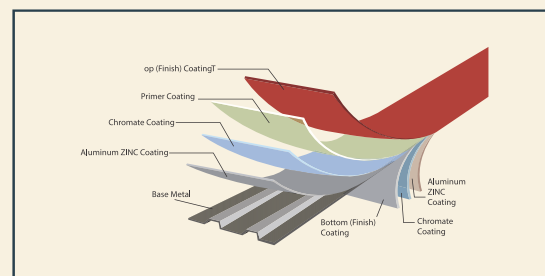
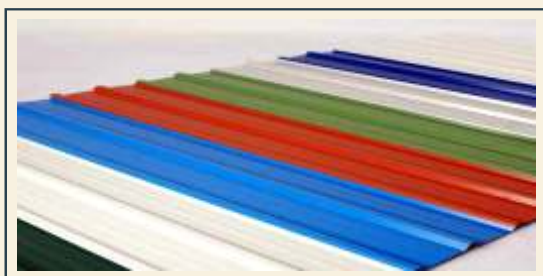
Intermediate Mezzanine Floors are possible in Metal Buildings, Mezzanine Floors can be Provided in complete or partial area in pre-engineered building to suit loading requirements for office and storage, mezzanine floors consists of steel deck, Supported by Joist framed to the mezzanine beams. main mezzanine beams Normally run across the width of the building and are located under the main rafters while joists run parallel to the length of the building.

The economy of the mezzanine floor is effected floor is effected by the applied load and support column spacing, multi-level equipment platforms, catwalks, staircase etc. can be accommodated, if complete data is available.



ROOF & WALL PANELS

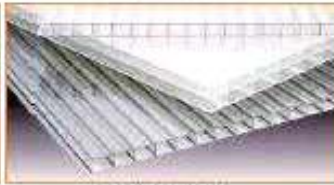
- Manufactured out of high strength steel grade with minimum tensile strength of 350 - 550MPa
- Steel base coated with Zinc-Aluminum alloy with minimum AZ150 (150g/m² coating mass) as per ASTM A792
- Color coated Galvalume according to ASTM specifications
- Aesthetical appearance and longer lasting color than any other conventional paint system
- Designed to resist chalking and fading



ACCESSORIES



POLYCARBONATE



MULTI WALL



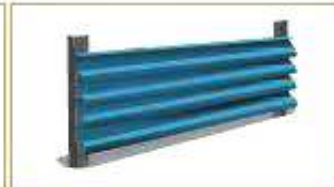
TURBOVENTILATORS



TURBOVENTILATORS



RIDGE-VENT



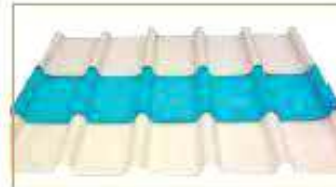
S LOUVERS



ROLLING SHUTTER



INDUSTRIAL LOUVERS



FRP SHEET



FRP GUTTER



ALUMINUM WINDOW



FASTENERS



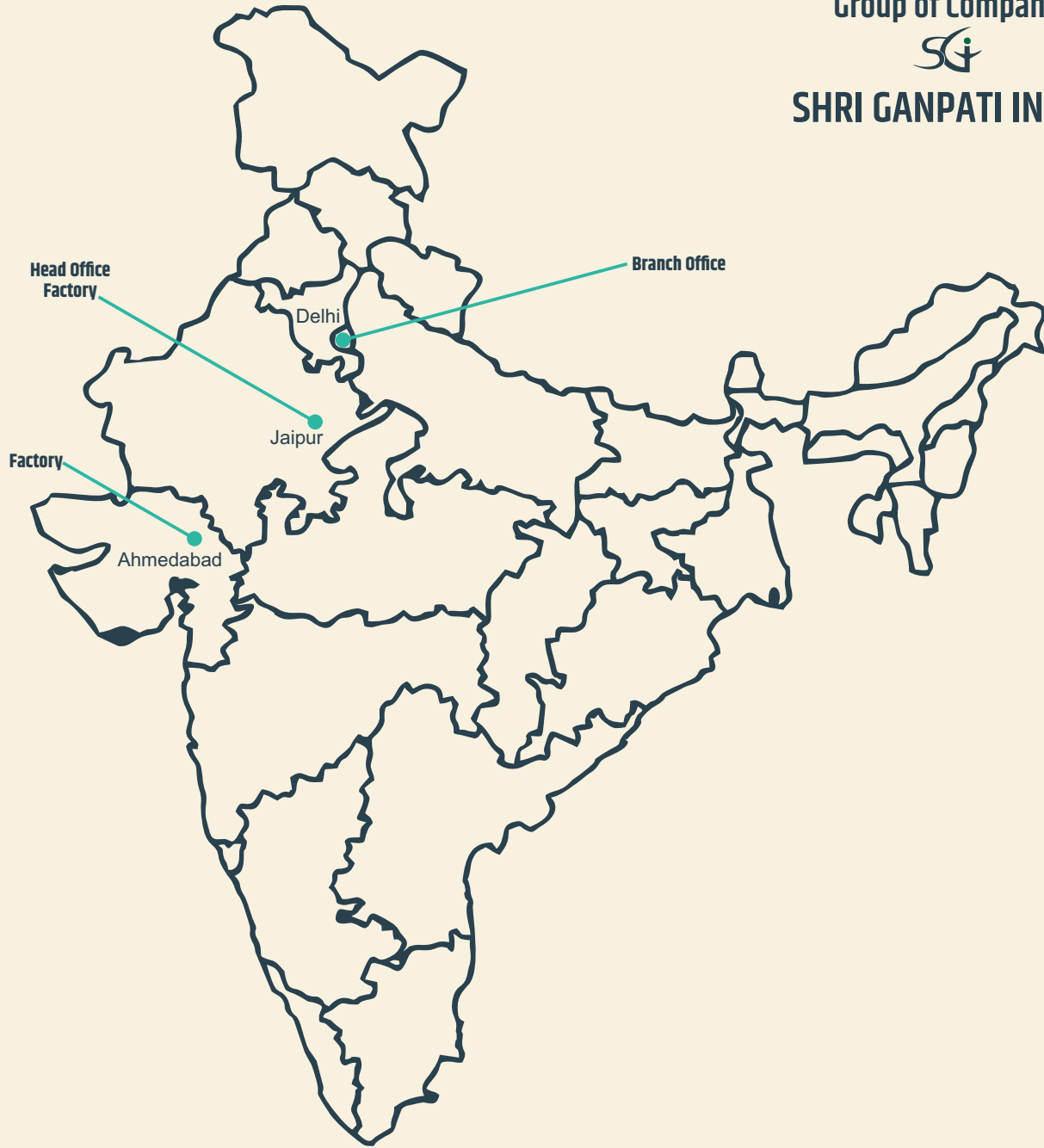
LOGISTICS

- OSG Build Infra Project Pvt. Ltd. Only approved transporters are utilized for transportation of material all across India
- Details include trailer number, date of dispatch
- Exact location of trailer/ truck
- Details also include date of material delivered at site



OUR PROJECTS





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Vill. Pali, Kadi Gujarat-382165

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