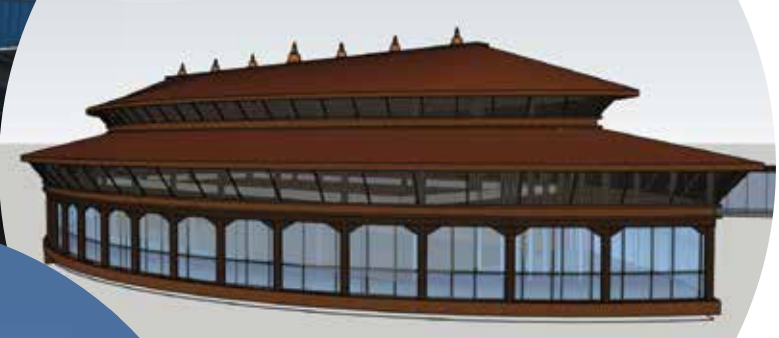




**Pre-Engineered Buildings**



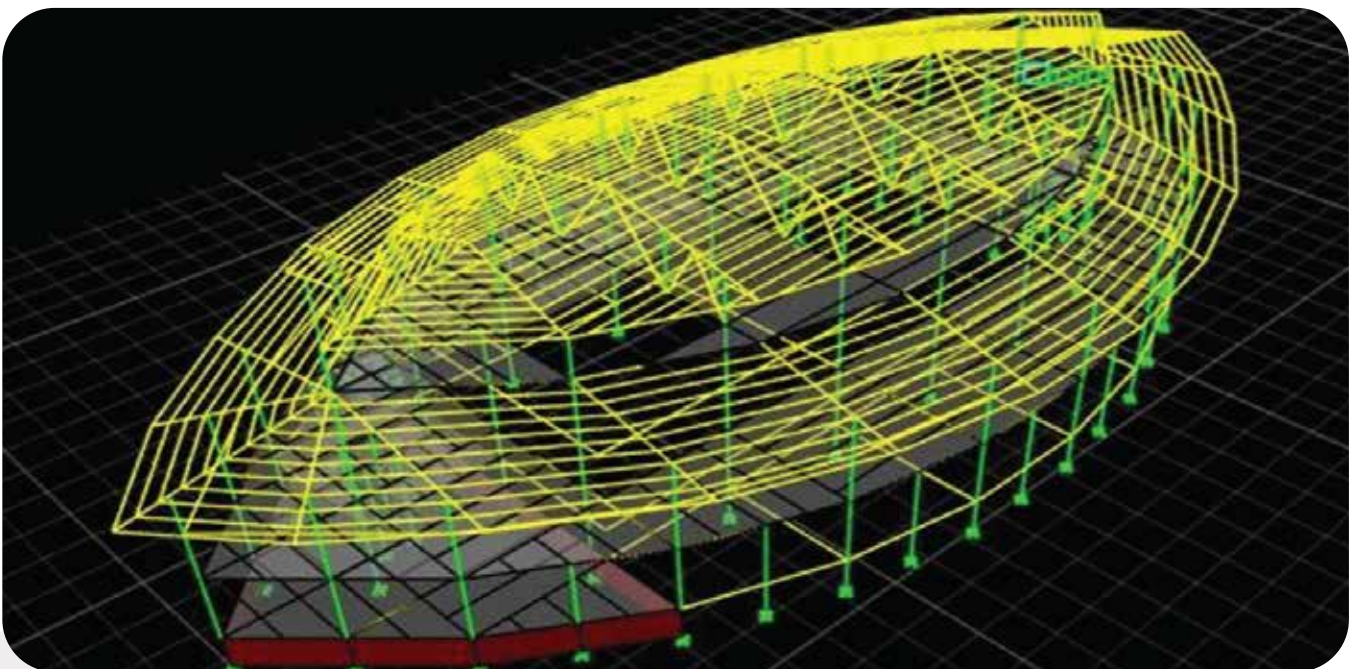
**Tensile Canopies**



**Tubular Steel Buildings**

# WHO WE ARE?

- ClearSpan is at the forefront for supply of Steel and Aluminium Frame Buildings for various applications, we are recognized for our diversified offerings. Our specialization in Pre-engineered Steel Buildings and Steel Tubular Buildings transforms concept into reality for all Industrial, Commercial and Residential applications. Our custom design and sector-specific turnkey solution from concept to execution optimizes the project schedule while delivering the best quality & finish product. Our services encompass design, engineering, manufacturing, supply, project management, and installation.
- Our aim is to deliver the best quality, aesthetical & economical products to the customers using the latest technologies for innovative applications & to attain excellence in creating Steel & Aluminum Structural systems, while incorporating first class customer service & delivering products that achieve the utmost customer satisfaction.
- Our engineering strengths enable us to convert complex and expensive conventional steel buildings into simpler and more cost-effective pre-designed, pre-engineered buildings that retain utility and function. ClearSpan has implemented the entire engineering process with specialized software and custom-developed analysis. Design calculations are detailed, and explanations are provided to aid consultants in comprehending the design of Pre-engineered Building.



# BUILDING DESIGN

## Our Building Provides

- Easy integration of innovative steel building techniques.
- Optimisation in accordance to building's requirements.
- Canopies can be added by direct continuation.
- Optimisation of parapet add-on.
- Optimized steel design to save weight and meet design standards.
- Quality design, production, and erection.

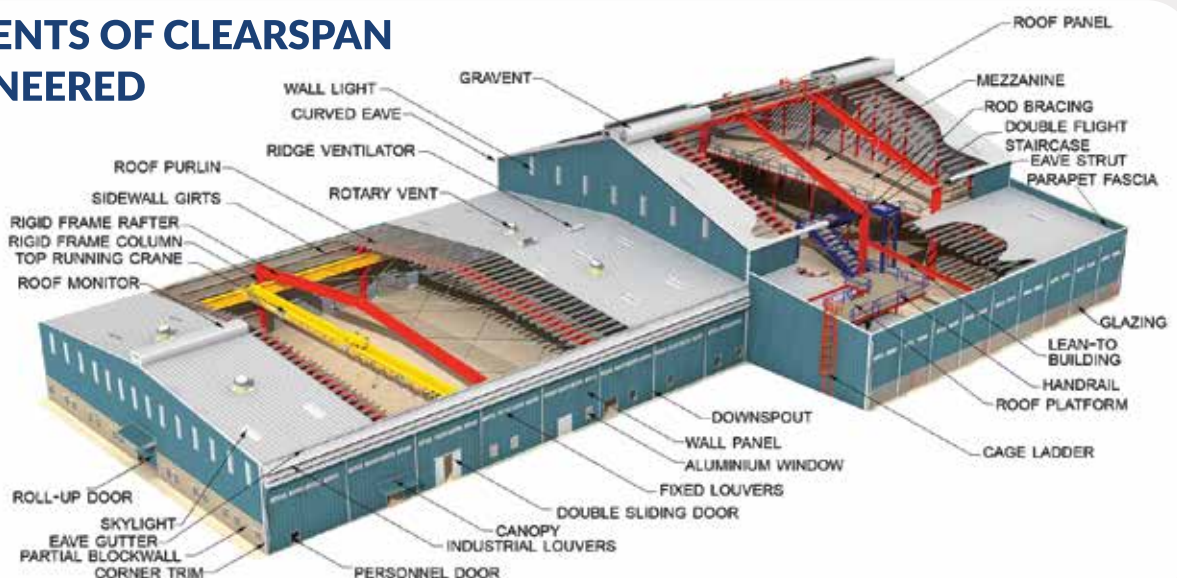
## ClearSpan Pre-Engineered Building includes

- All Primary And Secondary Framing
- All Connections
- Choice Of Roof & Wall Systems As Per Requirement
- All Sealants For Weather- Proofing
- Thermal & Acoustic Insulation
- Liner Panels
- Flashings
- Integrated Accessories
- Crane Beams And Rails
- Mezzanine Floors
- Ventilation System

## Advantages of ClearSpan Pre-Engineered Buildings

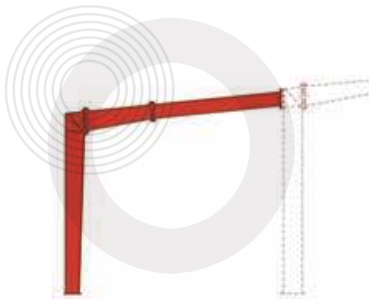
- |                                                                                                               |                                                                                                      |                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  Reduced Construction Time |  Large Clear Span |  Energy Efficient Roofing and Wall Systems |
|  Lower Cost                |  Quality Control  |  Architectural Versatility                 |
|  Flexibility of Expansion  |  Low Maintenance  |                                                                                                                                 |

## COMPONENTS OF CLEARSPAN PRE-ENGINEERED BUILDING



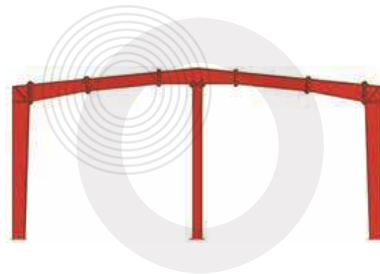
# STRUCTURAL SYSTEM

Structural system are the primary load-bearing and supporting elements of pre-engineered buildings where shape and size varies depending on the use & requirements. The major frame consists of columns, end wall posts & rafters to carry principal load of structure. All the standard structural steel sections (ISMC/ ISMB/ Tubular sections and welded plate members i.e., built-up sections can be designed in compliance with Indian/ International standards. General guidelines on recommended frame type for different widths are provided below:



**Lean-To**

Span:  
3m to 15m



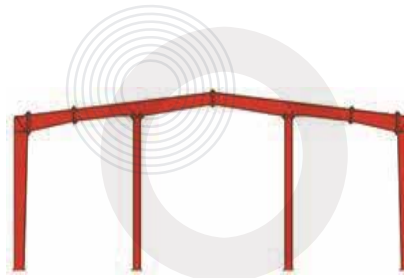
**Multi Span-1**

Span:  
24m to 60m



**Butterfly Canopy**

Span:  
4m to 6m



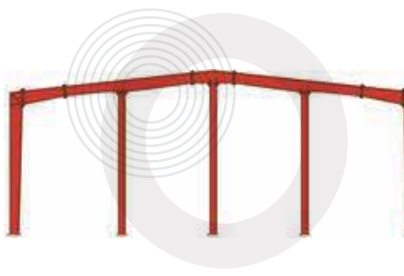
**Multi Span-2**

Span:  
36m to 90m



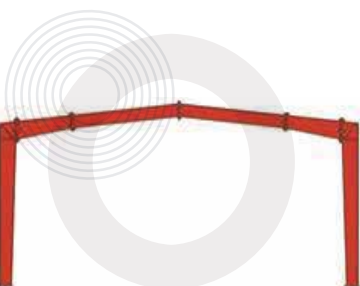
**Single Top**

Span:  
6m to 50m



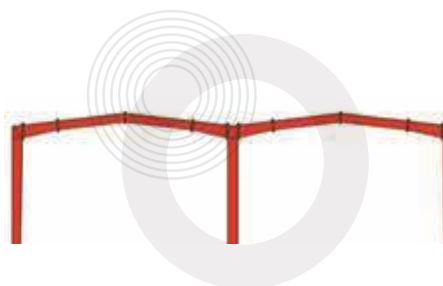
**Multi Span-3**

Span:  
48m to 120m



**Clear Span**

Span:  
6m to 90m



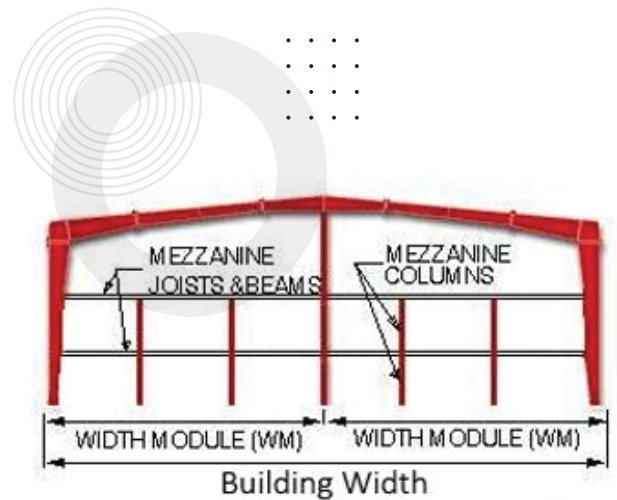
**Multi Gable**

Span:  
24m to 180m

#Note: Standard Eave Height: 3m-8m; Standard Bay Spacing: 6m/ 7.5m/ 9m;

# MULTI-STOREY STEEL BUILDINGS

Multi-Storey steel buildings offered by ClearSpan are a versatile and efficient solution for maximizing space utilization in various industrial, commercial, and even residential applications. These structures integrate intermediate floors or mezzanines within a building, allowing for additional usable space without expanding the building's footprint. These buildings offer several advantages, including strength, durability, and design flexibility.

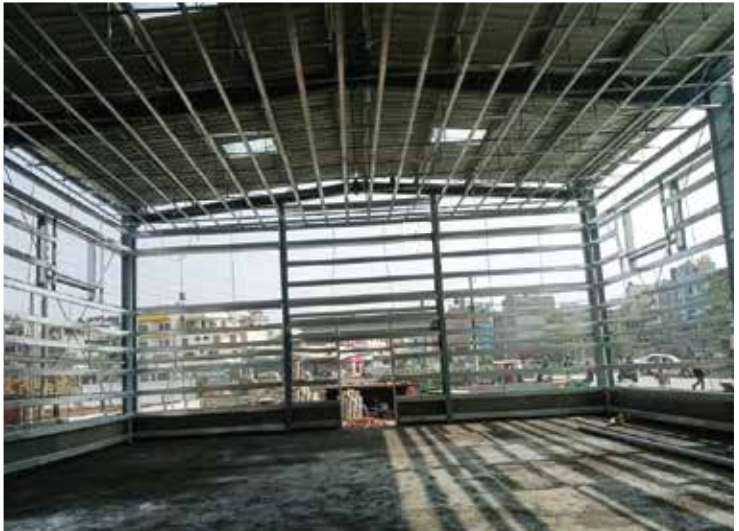


## KEY COMPONENTS

-  **Columns:** To provide primary support for the mezzanine floor, transferring loads to the foundation.
-  **Beams and Joists:** To form the framework of the mezzanine floor, distributing loads evenly across the structure
-  **Decking:** Used over the beams & joists to create the mezzanine floor surface.
-  **Staircases and Access Points:** Access to the mezzanine floors is provided through staircases, elevators or lifts.
-  **Safety Features:** Safety rails, guardrails, and toe guards are installed to ensure the safety of personnel working on or around the mezzanine floors.

## APPLICATIONS

-  **Warehousing and Storage:** Provides additional storage space in warehouses, allowing for better organization and increased inventory capacity.
-  **Manufacturing and Production:** Capable to house production equipment, assembly lines, or storage for raw materials and finished products in manufacturing facilities.
-  **Commercial and Retail:** Retail stores and commercial spaces can use mezzanine floors to create additional retail space, display areas, or offices, enhancing the customer experience and operational efficiency.
-  **Office Space:** To create additional office space within industrial or commercial buildings, providing quiet and organized work environments.



# TUBULAR STEEL STRUCTURES

ClearSpan offers rapid construction using Steel Tubular Sections as:

Rectangular  
Hollow Sections  
(RHS)

Square  
Hollow Sections  
(SHS)

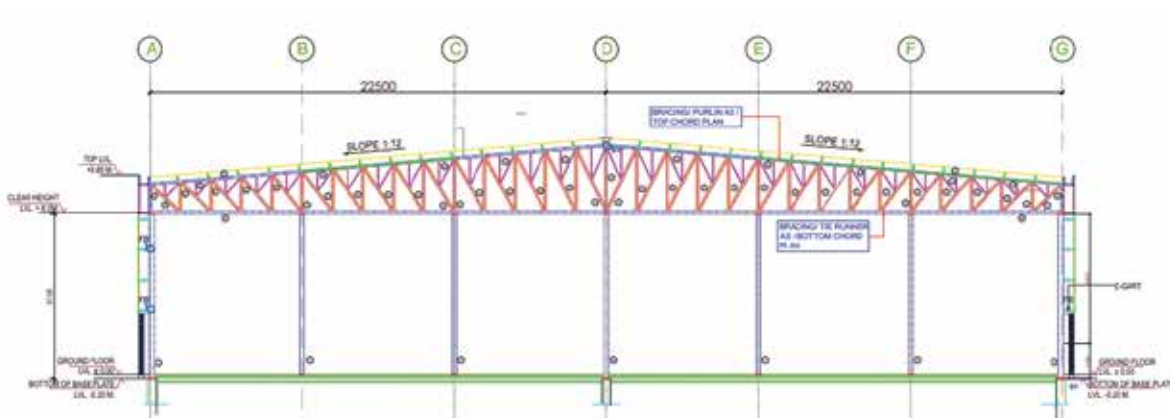
Circular  
Hollow Sections  
(CHS)

## APPLICATIONS

-  Bridges
-  Towers
-  Architectural Canopies
-  Stadiums and Arenas
-  Aircraft Hangars
-  Pedestrian Bridges & Walkways
-  Greenhouses & Agricultural Shelters
-  Footbridges & Overpasses
-  Skyscrapers & High-Rise Buildings

## ADVANTAGES

-  Excellent Strength-to-weight Ratio
-  Appealing Aesthetics
-  Versatile Architectural Styles & Purposes
-  Durability of Structure
-  Efficient Load Distribution
-  Ease of Fabrication
-  Adaptability for future expansions



**adani** | Ports and Logistics

**HORIZON**  
INDUSTRIAL PARKS

**SIEMENS**

**marico**

**asianpaints**

## OUR CLIENTELE

**GOKARNA FOREST  
RESORT**

**Hindustan Unilever Limited**

**CG HOLDINGS**  
CHAUDHARY GROUP

**IndiGo**

**BENNETT  
UNIVERSITY**  
TIMES OF INDIA GROUP

**Pavilions  
and  
Interiors**  
India private limited

**Ganesh™  
MANDAP**

**Udupas**

**RUBAMIN**

## We Also Supply & Install :



**Temporary Warehouse  
Alluminum Frame**



**Sports Structure**



**Aircraft Maintenance  
Hangar**



**Tensile Structures**



**Events & Exhibition  
Structures**



**Tensile Canopies**

**Registered Office:** 22nd Floor, West Gate Building, SG Highway,  
Ahmedabad - 380015, Gujarat

**Marketing Office:** 805, 8th Floor, Iconic Shyamal, Shyamal Cross Road,  
Shyamal, Ahmedabad - 380015, Gujarat, India

**Works & Warehouse:** E-268, RIICO Industrial Area,  
IID Center Phase-II, Newai - 304021, Jaipur, Rajasthan

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**ClearSpan®  
Structures**