

SAHASRA BUILDINGS

PRE ENGINEERED BUILDING SYSTEMS



SAHASRA BUILDING SOLUTIONS PVT. LTD.

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Mobile: 9848754444, 9951139333

Branch Office:

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Mobile: 9848754444, 9542928888

Factory :

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Gummadidala Mandal, Sangareddy Dist,
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Mobile : 9848754444, 9505810999

CONCEPT | DESIGN | ENGINEERING | SUPPLY | INSTALLATION

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www.sahasrabuildings.com



About Sahasra

Sahasra building solutions was established in the year of 2012 for the manufacturing of pre engineered Metal Buildings(PEB) on turnkey basis with design, engineering, manufacturing and installation

Our Vision & Mission

To redefine country's construction industry through superior technology and competent engineering, thus leading the company to enhance its presence in the realm of Pre-Engineered Building System to the complete contentment of existing and future clients our mission is to accomplish country wide presence with international standards.

INFRASTRUCTURE

SAHASRA has abundant infra structural facilities, to handle large volume of production obligations with 65,000 SFT of fully equipped covered area and ample service area with a dedicated professionals deliver your project on time with in customer budget.

Why Sahasra ?

- ❖ State of art Technology.
- ❖ Quality assurance of raw materials.
- ❖ Single responsibility.
- ❖ Sustained technical and engineering support.
- ❖ Advanced production capability with out standing.
- ❖ Infra-structural facilities.
- ❖ Observance to international specifications and codes.
- ❖ Efficient service and customer care Competence to build multistoried metal buildings.
- ❖ PEB Projects are undertaken on Regular / Turnkey basis along with civil based activities if desired by the clients.
- ❖ Ample testimony for successful completion of various projects.
- ❖ Satisfied customer clientele.
- ❖ Cost effective solutions.

About PEB

Pre-Engineered Buildings are the state of the art steel solution to develop an efficient and cost effective infrastructure. PEB'S offer ultimate design flexibility and an extremely short construction time (right from initial design to completion) They are supplied as a fully finished product along with steel structure, Building accessories and roof cladding. They require no on-site fabrication or welding they can simply be bolted together as per specification.



Advantages of PEB

- ❖ Design optimization ensure lesser load.
- ❖ future modification or expansion are effortless.
- ❖ Great space volume can be achieved.
- ❖ All season weather resistant.
- ❖ Fire resistant.
- ❖ Quality standards, as per international norms.
- ❖ Maximum resistant to heavy wind loads and seismic disturbances.
- ❖ Design, manufacturing and erection are at best sync.
- ❖ Quick delivery.
- ❖ Fastest construction possibility .
- ❖ Most versatile supremacy.
- ❖ Energy efficient and hence eco friendly.
- ❖ Very low maintenance requirement.
- ❖ All construction materials can be easily integrated.
- ❖ Dismantling and relocation is easy.
- ❖ Future extension are handy.
- ❖ Best choice for all kinds of modern application compatibility.
- ❖ All terrain suitability.

Building Width :

No matter what primary framing system used, the building width is defined as the distance from outside of eave strut of one sidewall to outside of eave strut of the opposite sidewall.

Building Length :

The distance between the outside flanges of end wall columns in opposite end wall is considered the building length. Building length is a combination of several bay length. End bay length is the distance from outside of the outer flange of end wall columns to center line of the first interior frame columns.

Building Height :

Building height is the eave height which usually is the distance from the bottom of the main frame column base plate to the top outer point of the eave strut. eave heights up to 30m are possible. when columns are recessed or elevated from finished floor, eave height is the distance from finished floor level to top of eave strut.

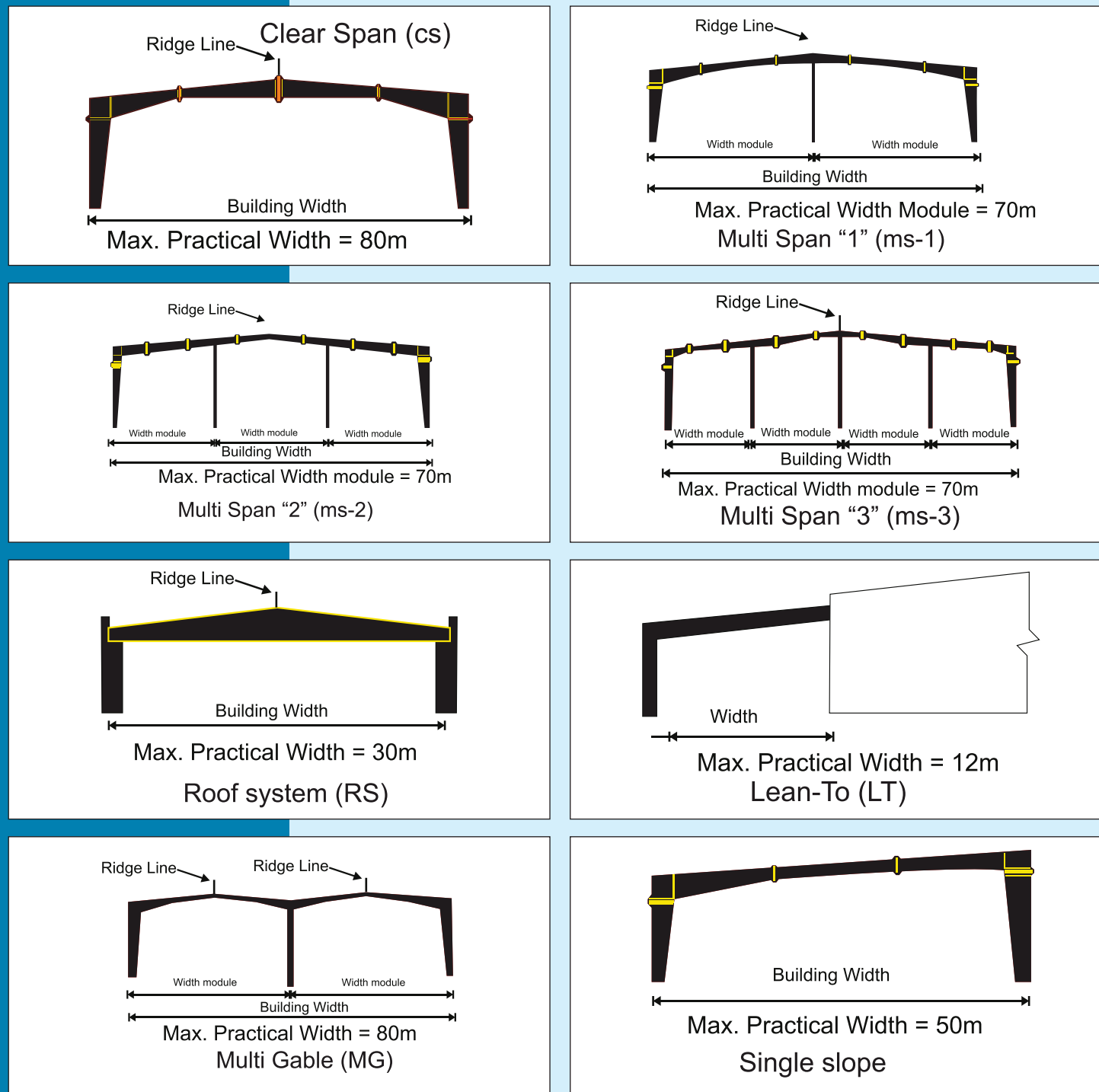
Building Slope:

This is the angle of the roof with respect to the horizontal. The most common roof slopes are 0.5:10 & 1:10. Any Roof slope is applicable.

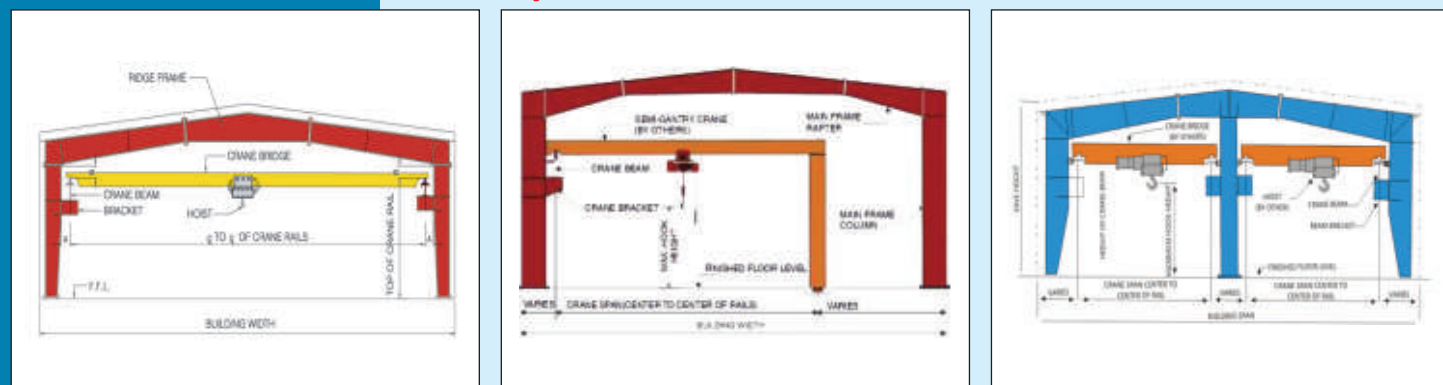


TYPES OF FRAMES

Pre-Engineered Buildings are custom designed to meet your exact requirement. The basic parameters that define a pre-engineered buildings are:



Crane system Frames



MATERIAL SPECIFICATIONS :

PRIMARY:

Primary members are the main load carrying and support members of a pre-engineered building. The main frame members include columns, rafters and other supporting members the shape and size of these members vary based on the application and requirements. All the steel sections and welded plate members are designed in accordance with the applicable sections as per the latest international codes and standards such as AISC, MBMA, and IS to meet all the customer Specifications.

SECONDARY:

Secondary Structural framing refers to purlins, girts, eave struts, wind bracing, flange bracing, base angles, clips and other miscellaneous structural parts.

SAHASRA buildings offers C sections with 250 mm, 200 mm, 180 mm, 160mm.

ROOF SHEETING :

Thickness: 0.47 mm & 0.5 mm

Zinc Coating- Alu-Zinc Coating 150

Effective Width- 1020 mm

Tensile Strength- 550 Mpa

Standards- ASTM A 792, IS 277

CLADDING:

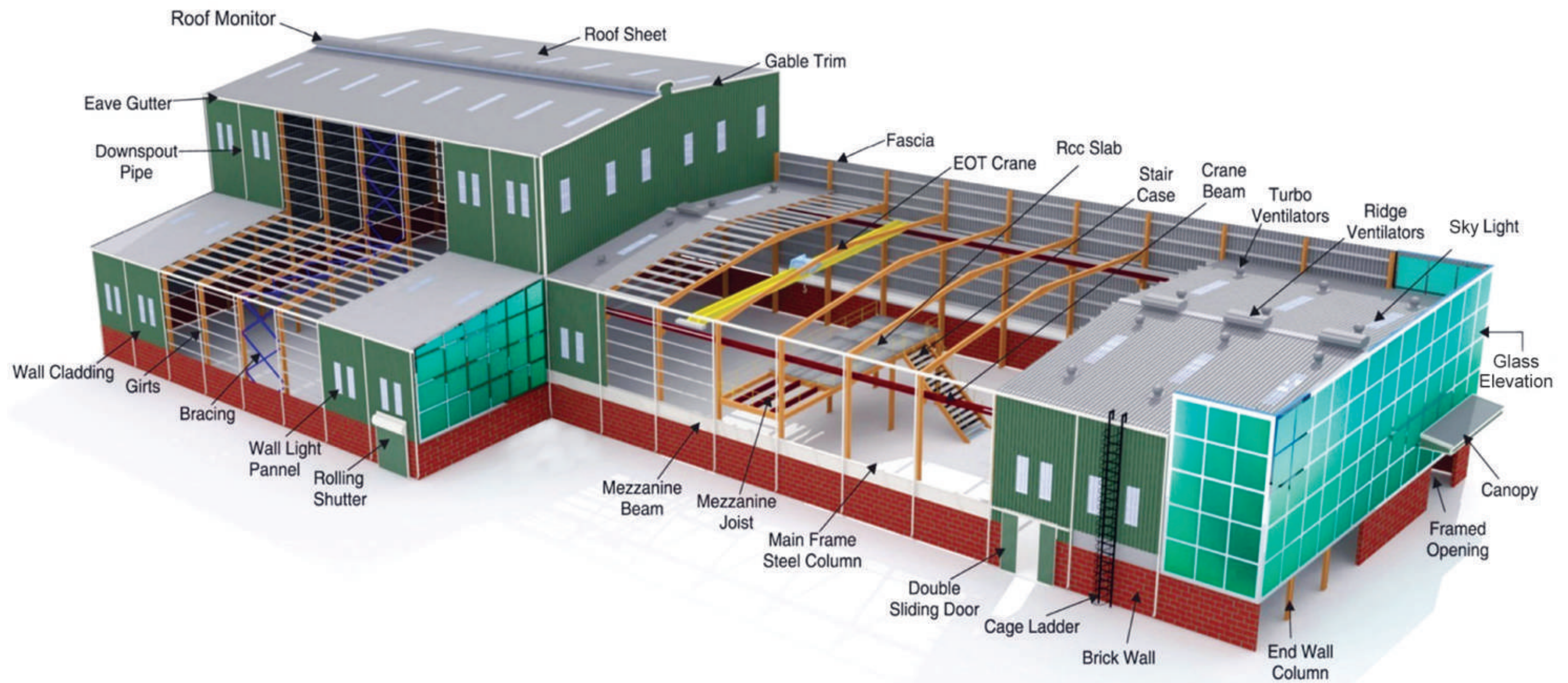
Thickness: 0.47 mm & 0.5 mm (TCT)

Zinc Coating- Z-150 & AZ-150

Effective Width- 1020 mm

Paint Thickness: 18-20 Mic RMP paint over 5-7 Mic on top and bottom





Accessories

Accessories



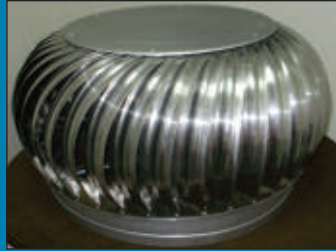
MEZZANINE



STAIRCASE



CANOPY



TURBO VENTILATOR



SKY LIGHTS



INSULATIONS



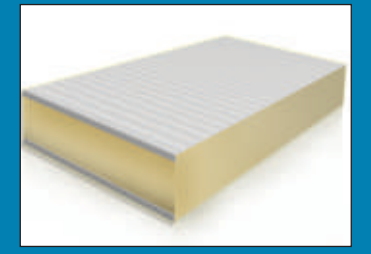
RIDGE VENTILATOR



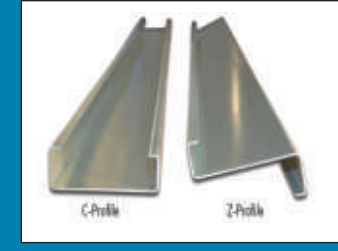
FASCIA



ROOF MONITOR



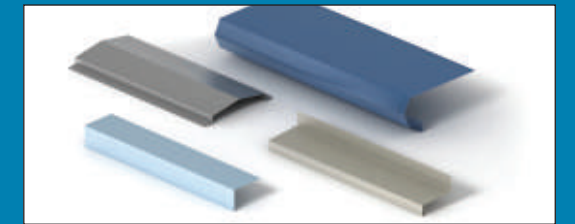
PUFF PANEL



PURLINS



NUT AND BOLTS



FLASHINGS



ANCHOR BOLT



Available Colors



BLUE



OLIVE GREEN



BRICK RED



OFF WHITE



AUTUM RED



DARK BLUE



BGL



MIST GREEN

JAMUNA WARE HOUSE
1,32,000 SFT



CHANDANA CORPORATION
30,000 SFT



BHARATHI GROUP
52,000 SFT



V.K. WARE HOUSE
50,000 SFT



OUR CLIENTS

