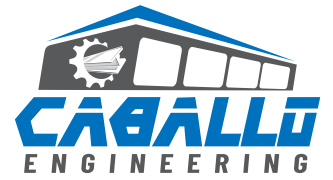


COMPANY PROFILE

PRE-FABRICATED (PEB) BUILDINGS,
LIGHT GAUGE STEEL BUILDINGS

CEO MESSAGE



“ Leadership at every level is crucial to our success. This means not only leading by example but also empowering those around us to take initiative, think creatively, and act with integrity. I believe in the power of collaboration and the unique perspectives each of you brings to the table.

Together, we can achieve extraordinary things. ”

At **Caballo Engineering**, we excel in prefabricated (PEB) and light gauge steel buildings.

Our innovative solutions offer unmatched efficiency, cost-effectiveness, and sustainability.

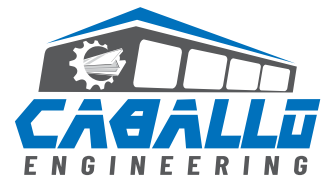
We're committed to delivering high-quality, durable structures that meet modern construction demands.

Join us in building a brighter future.



FAIZAN AKRAM
Founder & CEO

COMPANY PROFILE



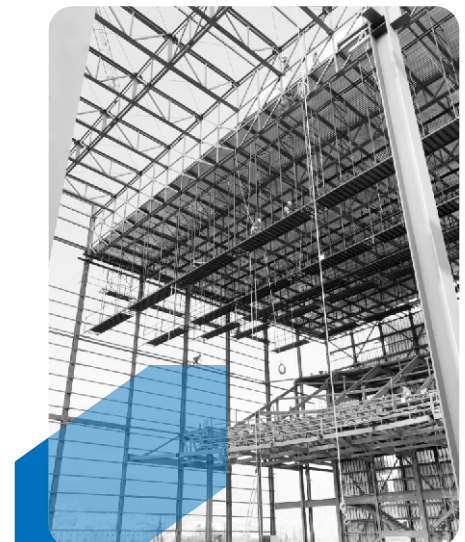
Caballo Engineering has been established realizing high future prospects of construction industry in Pakistan. The company is engaged in diverse range of activities related to development and infrastructure projects. **Caballo Engineering** is a result of highly qualified, ambitious and experienced professional entrepreneurs who have joined with a vision to introduce new standards and management skills in the construction industry of Pakistan.

Caballo Engineering mainly works in the following three Construction fields.

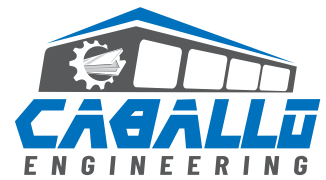
- Steel Structure (Pre Engineered Building Systems, Steel Structures, Communication Towers Fabrication and Erection Services)
- Civil Works (RCC Works)
- Fabrication & Installation of Storage Tanks & Pipe Lines

Caballo Engineering is involved in the designing, detailing, manufacturing / fabrication and erection of the Pre-Engineered Buildings. We focus on meeting the needs of our customers for durable, affordable and versatile steel structures. Every building that we design, manufacture and deliver for erection is created with the satisfaction of the future occupants and owners in mind.

Our team of construction and mechanical professionals offer a single source for all of your construction/development related needs. Whether its restoration, site preparation, a new facility or a facility renovation, we have the experience and personnel to provide the highest quality construction on schedule and within budget. We support our clients from project inception, to the commissioning of the fully operational facility.



COMPANY PROFILE



The company has the capacity and capabilities to provide services for Engineering procurement and construction of projects in the following categories.

- Steel Structures
- High Rise Buildings
- Mechanical Erections
- Mechanical Fabrications
- Sewerage and Water Supply
- Colonies and boundary walls
- Factories, Mills and warehouse
- Bridges (Both Steel and RCC Structures)
- Low Rise Commercial and residential buildings



From the start our focus has been to become a service company that is second to none, offering unparalleled services with experienced personnel, utilizing the most advanced equipment and techniques.

Caballo Engineering Company professionals have successfully completed numerous jobs related to above fields. The company has experience of working in every kind of environment and area like Marshy, Sands Dunes, and Water logged, Rocky, agricultural densely populated.

Our team of construction and mechanical professionals offer a single source for all of your construction/development related needs. Whether its restoration, site preparation, a new facility or a facility renovation, we have the experience and personnel to provide the highest quality construction on schedule and within budget. We support our clients from project inception, to the commissioning of the fully operational facility.

Your Home or work place is a reflection of who you are, of your personality, your tastes and your achievement. You can rest assured that **Caballo Engineering** committed to preserving these ideas while providing finest craftsmanship and outstanding service you deserve.

Caballo Engineering has built their business in the belief that honesty and hard work breeds success. At **Caballo Engineering** every project is important. This attitude is adhered at all levels of the company. As a client you will appreciate the dedication of the effort that goes into each new project, and will reap the benefits of a job right the first time.

Caballo Engineering focuses on the quality of work, on time delivery, competitive prices, personalized services and workable solutions. We are here to make their design and construction experience as enjoyable and stress free as possible.

OUR POLICY & OBJECTIVE STATEMENT

Caballo Engineering Is Committed To Its Core Value Of Building Relationships. Acting With Integrity. We Are Determined To Improve The Current Standard Of Excellence Through Attentive Speed, Trust worthy Commitment And Continuous Innovation.

OUR QUALITY MISSION

“To Exceed Our Customers’ Expectations In Quality, And Cost Through Continuous Improvement And Customer Interaction”

OUR QUALITY POLICY

“To Strive Quality Excellence To Time”

OUR QUALITY OBJECTIVES

“To Continuously Improve Product Quality & Process Efficiency”

OUR VISION

“To Be One Of The Leading And Successful Civil & Industrial Contracting Company Recognized For Its Ability To Develop And Maintain Business Alliances Aoch Results Our Clients Complete Satisfaction.”

QUALITY POLICY



The Company maintains high standards of quality to satisfy its clients. Strict quality control procedures are used at site and quality assurance audits are also performed regularly. Quality policy manual which provide overall quality management while specific quality control plans for each specific job site are the part of quality documents of the company.

We are committed to achieve our company goals and to constantly satisfy the expectation and requirements of our valued customer needs by:

- Customer satisfaction first
- Continual R & D for excellence
- Compliance to QMS Requirements
- Continual improvement for cost effectiveness and quality products
- Constantly review our quality management for effectiveness and improvements

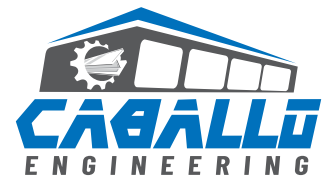


HEALTH, SAFETY AND ENVIRONMENT

The company places very high priority for health, safety and environment issues while working at site. Health, safety and environment manual provide the general guidelines for the man power, loading and contracting activities. Each specific site then is provided with HSE plan specific to the site condition. The company carries an excellent track record of HSE on the project it has completed so far.



CLADDING SYSTEM



Design, Estimation & Engineering

Our objective is to combine the architect's aesthetic ambitions with the provision of products, which meet all the technical requirements. In every project, the designers show the competence and have the responsibility to ensure that all materials they specify meet both the economic and technical requirements. Our designers use latest computer technology and continuous training and development of the designers. Our design team is dedicated to make each job to the complete satisfaction of Engineers in Design, Safety and durability. In order to ensure the adaptability of design, we are doing Structural calculation using latest software.



Sales & Marketing

Although it is usually difficult to sustain both high customer value product and a competitive customer cost, Caballo Engineering PEB sales team has managed to enhance the customer value by maximizing the satisfaction rate through proactive after sales services. Caballo Engineering sales teams handle business with a customer oriented mind. Not only trying to sell a product but more into selling the customer a set of benefits. They are the most experienced and highly qualified professionals of the market.



Suitability & Advantages

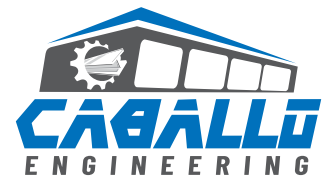
Pre Engineered buildings are increasingly recognized as reliable, aesthetically pleasing, energy efficient and cost-effective building alternatives. Below are some of the advantages and applications of such buildings.

Advantages

The PEB system offers multiple advantages to the end-user;

- Low initial cost
- Low maintenance cost
- Fast construction time
- Large clear spans
- High Eave heights
- Infinite choice of layouts
- Inherent resistance to earthquakes
- Ease of expansion
- Unique attractive appearance
- Consistent quality control
- Energy Efficiency
- Re-locatable
- Environmentally Friendly
- Single Source Responsibility
- Fast Quotations with Proposal Drawings
- Ease of future modifications

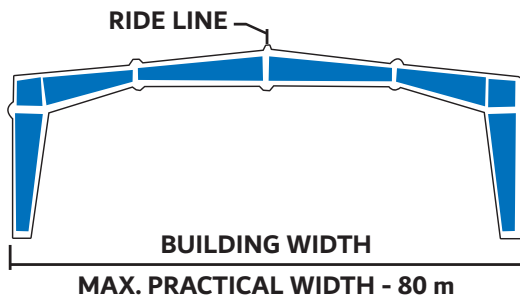
PRIMARY FRAMING SYSTEMS



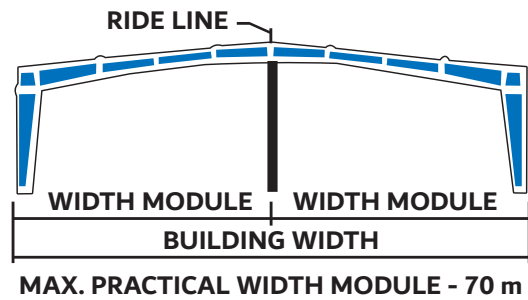
Caballo Engineering Pre-Engineered Buildings are constructed using a variety of framing systems.

The diagrams on this page is illustrated those most commonly employed. They are symmetrical at the ridge line. Un-equal Multi span framing systems are also available.

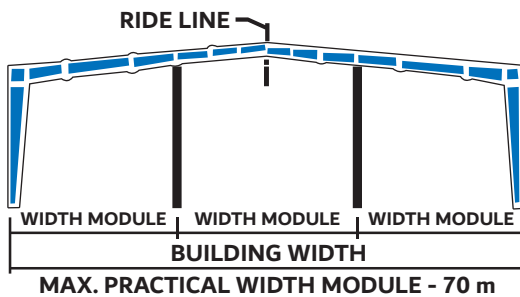
CLEAR SPAN (CS)



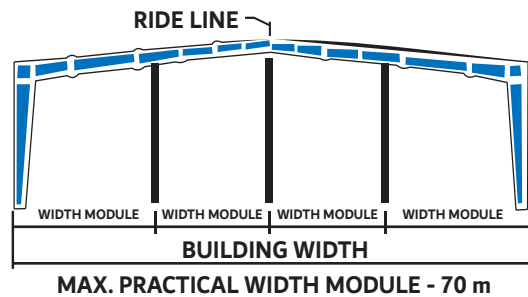
MULTI-SPAN "1" (MS-1)



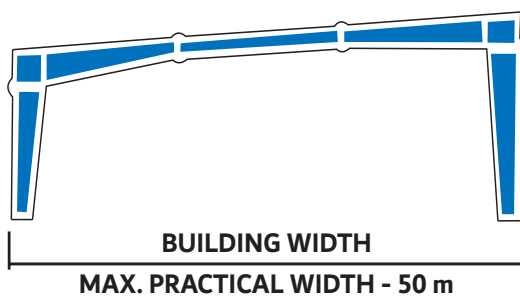
MULTI-SPAN "2" (MS-2)



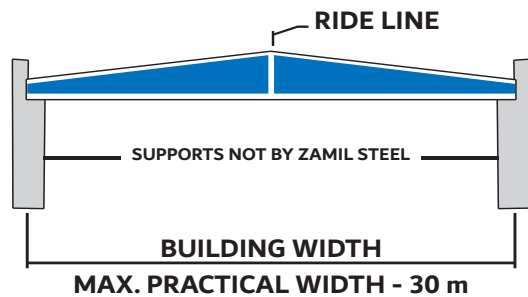
MULTI-SPAN "3" (MS-3)



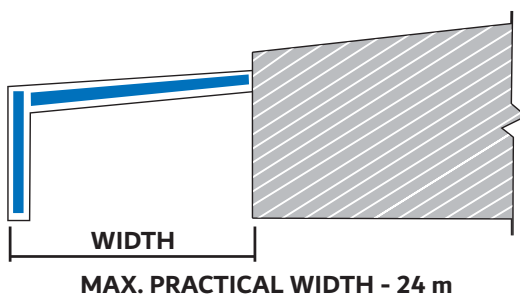
SINGLE SLOPE (SS)



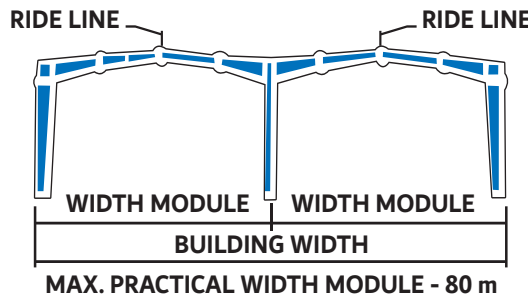
ROOF SYSTEM (RS)



LEAN-TO (LT)



MULTI-GABLE (MG)



PRODUCTS

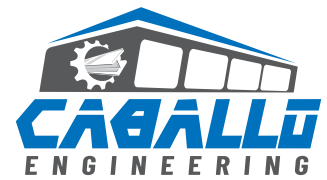
PEB System is since long a standard in commercial and industrial market segments such as warehouses, distribution centers and industrial facilities are continuing to make greater inroads into the low-rise sophisticated building market. Institutional and governmental constructions are some of the areas where PEB building systems are being used more and more. These buildings are increasingly recognized as reliable, aesthetically pleasing, energy efficient and cost-effective building alternatives. The sustainable green attributes of metal building systems with their recycled content and recycle-ability makes them a natural choice for today's building owners and consultants.

Caballo Engineering PEB offers virtually any type of structural design required. Your building square footage, local codes and wind, rain, and seismic requirements will determine the type of structural system that will apply. Other considerations include interior space requirements where clear spans may or may not be required. Standard bay lengths are 6.0m and 8.0m between main frames (Optional bay lengths up to 12m are also available).

WHY CABALLO ENGINEERING

- Started its PEB division in 2008, **CABALLO ENGINEERING** has created an exclusive niche for itself in the PEB industry with the excellent support of its well qualified and experienced team.
- **CABALLO ENGINEERING** is committed to Design, Manufacture and Install Pre-Engineered Steel Buildings, which are 100% custom built and designed in accordance with sound principle of Engineering using Computer aided designing.
- **CABALLO ENGINEERING** offer hi-tech solutions to our customers by utilizing MBS (Metal Building Software), Staad Pro (3D Structural analysis and design software) and Tekla (Model-based software) with highest precision to meet the structural requirements of the Pre-Engineered Steel Building Systems.
- **CABALLO ENGINEERING** deposes qualified experienced safety inspectors to ensure complete project safety and provide good after sales service to its customers.
- **CABALLO ENGINEERING** Industries has been able to supply around 300 buildings and is currently working on more than 100 projects.
- The company has presence in more than 120 cities across Pakistan with Sales office in more than 8 cities enriched with government as well as private clients.
- **CABALLO ENGINEERING** is an ISO 9001:2008 certified company.

CLADDING SYSTEM



Single Skin Panels

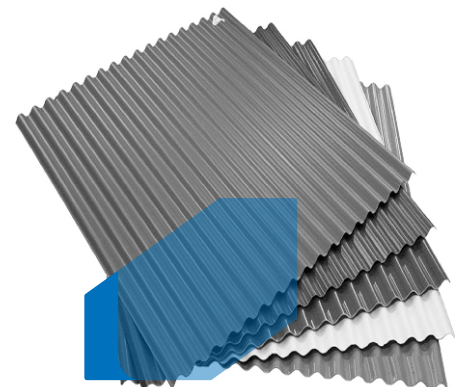
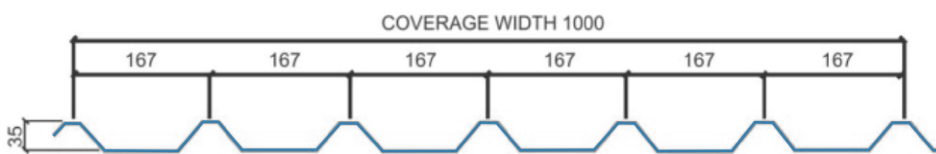
The single skin profile sheets are ideal for commercial and industrial buildings. The panels used in Construction of [Caballo Engineering](#) are composed of the following.

Base metal of either Galvalume coated steel conforming to ASTM A 792M Grade 345B or aluminum conforming to ASTM B 209M Alloy 3003 Temper H26. Galvalume coating is 55%

Aluminum and about 45% Zinc by weight.

An exterior surface coating on painted panels of 25 microns of epoxy primer with a highly durable polyester finish.

An interior surface coating on painted panels of 12 microns of epoxy primer and modified polyester or foam spec.



Minimum Yield Strength is 34.5 kN/cm²

[Caballo Engineering](#) has developed a profile designed to withstand heave loads, such as roof snow loads and uplift loads resulting from high velocity (cyclonic) winds and Live Loads.

All dimensions are in millimeters.

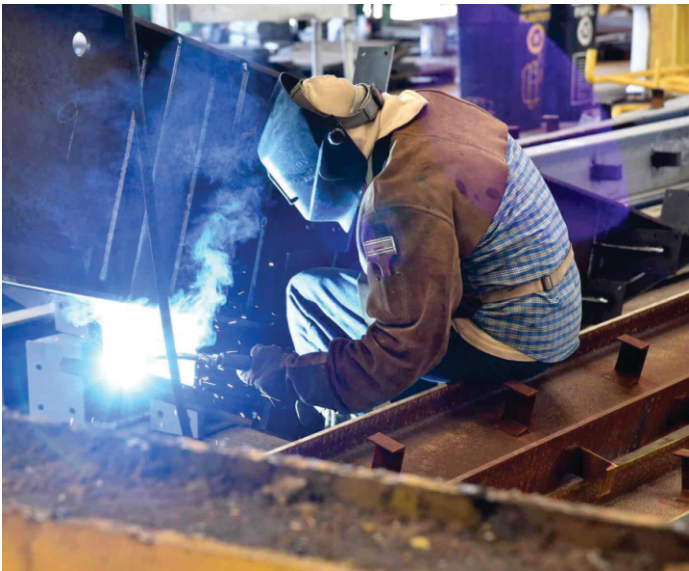
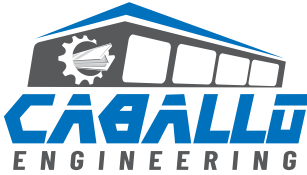
These steel panels are available in two standard nominal thicknesses: 0.5 mm and 0.7 mm, and in all [Caballo Engineering](#) standard colors.

Glass wool or rock wool insulation can be used in order to make these panel heat and sound proof.

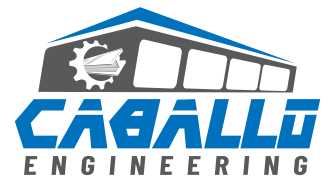
Selection of insulation material depends upon the usage, temperature control requirements and fire resistance.



PEB MANUFACTURING PLANT



TAXPAYER REGISTRATION CERTIFICATE



Government of Pakistan
Federal Board of Revenue
Inland Revenue Services

TAXPAYER REGISTRATION CERTIFICATE

(Under Section 181C of the Income Tax Ordinance 2001)

Registration No. 8439163
Date of Registration 21-Jan-2023
Type of Person Association of Persons
Formation Date 20-Jan-2023
Name M/S CABALLO ENGINEERING
Address
Tax Office RTO LAHORE
Activity Type Business



8439163

Inland Revenue Service

This is a computer generated certificate and,
hence, no signatures are required.

Displaying of Taxpayer Registration Certificate is mandatory as
provided under section 181C of Income Tax Ordinance 2001.

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C)
of sections 2 and 181A of the Income Tax Ordinance 2001.



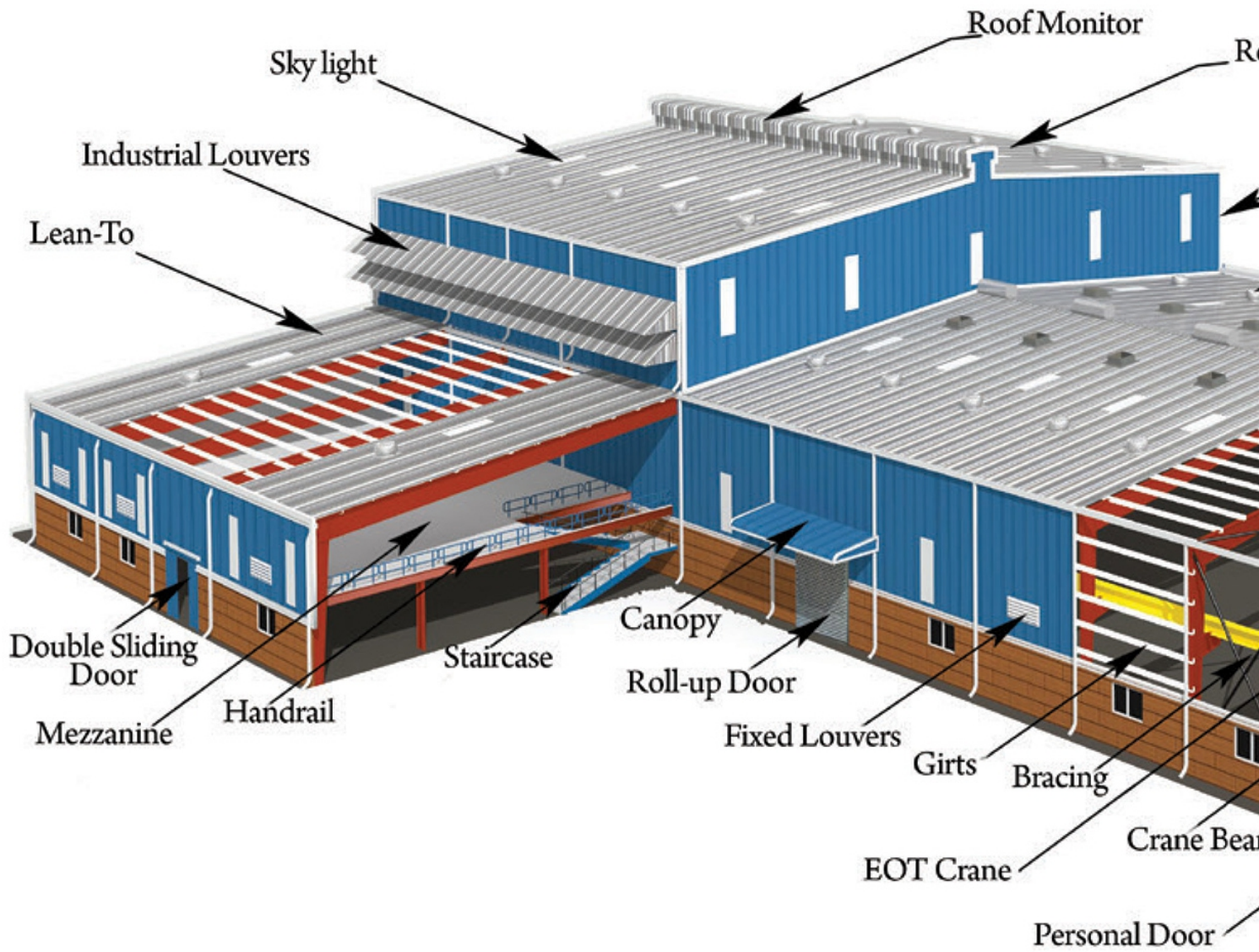
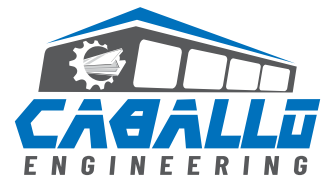
Date of Print 29-Jan-2023

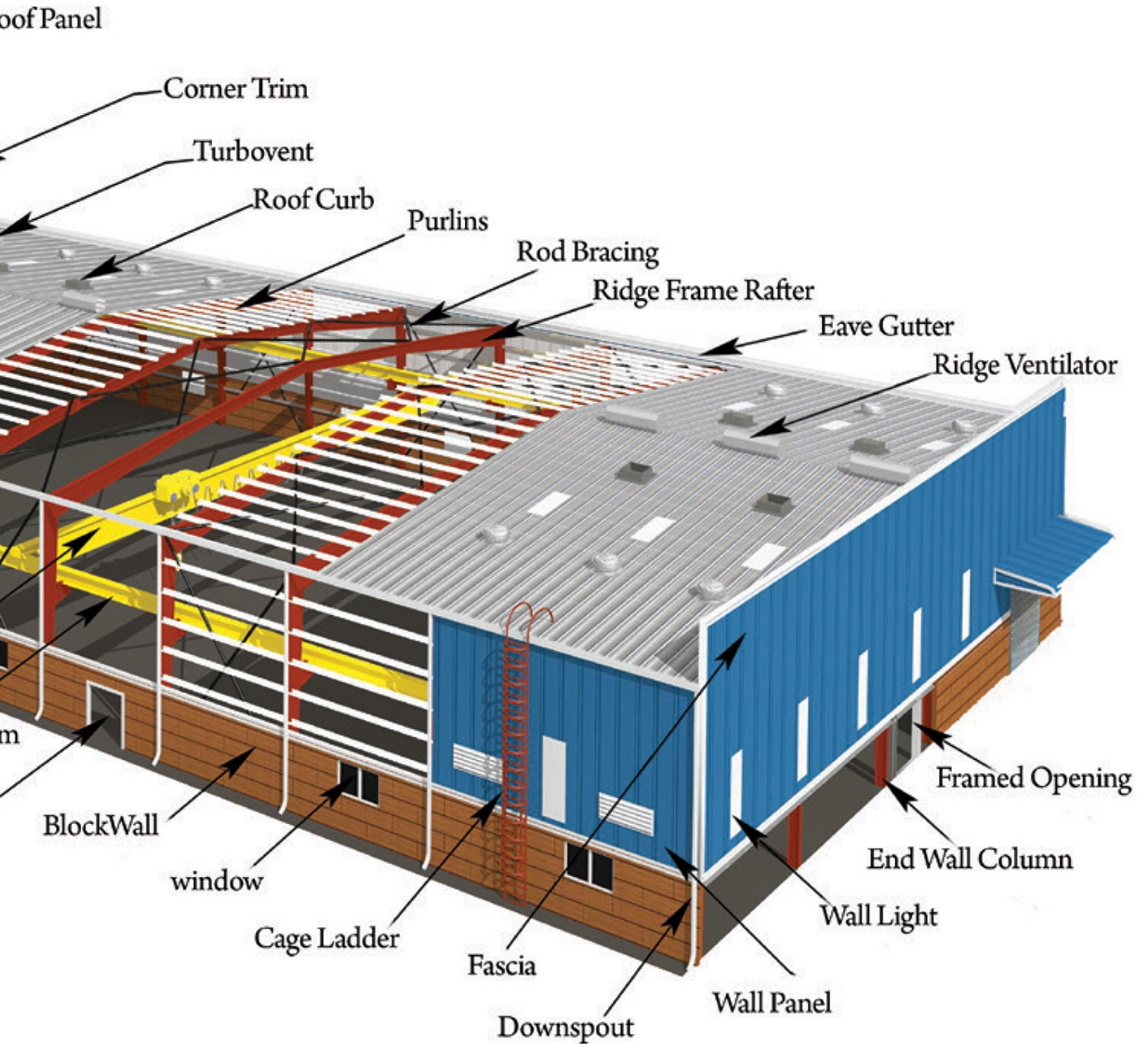
PARTNER IN PROGRESS ►►

051 111 772 772

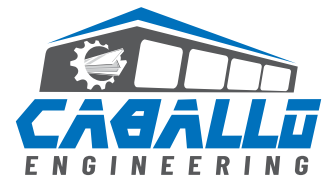
helpline@fbr.gov.pk www.fbr.gov.pk

. QUALITY . STRENGTH
. FLEXIBILITY . INNOVATION





LANDMARK PEB PROJECTS BY CABALLO ENGINEERING



STORAGE TANK
5000 sqft.

CAPITAL SMART CITY ISLAMABAD
30000 sqft two sheds.

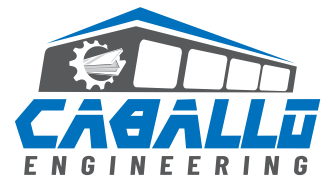


SAPPHIRE DAIRY

DAIRY SHED 20000 Sqft



LANDMARK PEB PROJECTS BY CABALLO ENGINEERING



GO PETROLEUM 2 CANOPY SHEDS IN OKARA 20000 sqft/ per shed.

KAMRA AIR BASE SHEDS FABRICATION & ERECTION

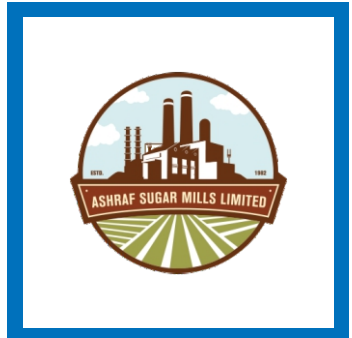
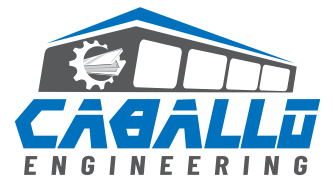


METRO ORANGE LINE STATION

OIL STORAGE TANK FOR PARCO



OUR CLIENTS



BASIC BUILDING PARAMETERS

Secondary Framing

Purlins and Girts are secondary framing members used to support roof and wall panels. Purlins are used at roof while girts are used at walls. In addition Secondary members serve two more functions as under;

These act as struts that help in resisting part of the longitudinal loads that are applied on the building such as wind and earthquake loads.

Provide lateral bracing to the compression flanges of the main frame members and hence increase frame capacity.

Purlins and girts are available in high grade steel conforming to ASTM A607 Grade 50 or equivalent, available in 1.50mm, 1.75mm, 2.0mm, 2.25mm, 2.50mm and 3.0mm. They come in pre-galvanized finish, Zinc coating to Z275 g/m² total coating both sides.

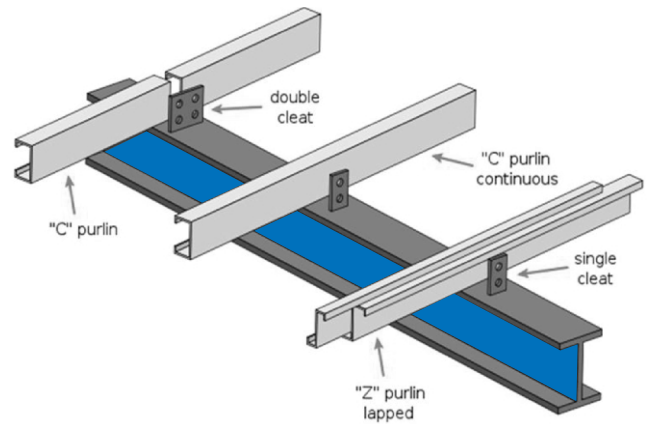
Bracing System

Rigid frames offer little Lateral Resistance normal to their plane. Stability in this direction is provided by bracing system in roof and walls along length of the building.

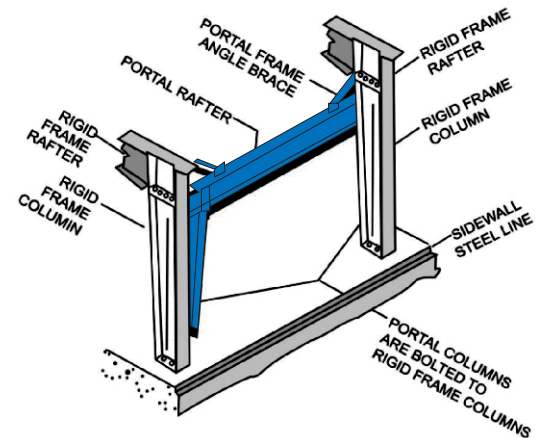
The main purpose of a bracing system is to transmit the lateral forces due to winds, cranes, earthquakes, etc. from their point of application on the structure to the columns bases and eventually into the foundations.

Generally there are three types of bracing systems:

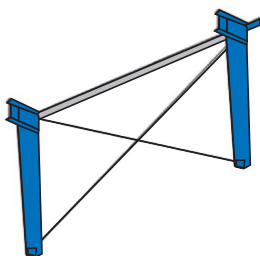
Z & C SHAPES AS SHOWN BELOW



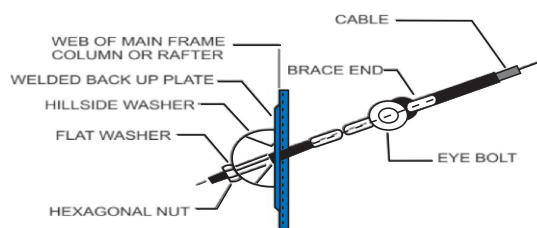
PORTAL FRAME



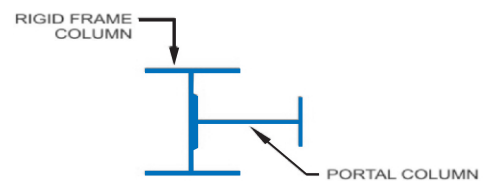
DIAGONAL BRACING



CABLE BRACING



PORTAL COLUMN FLANGE IS BOLTED TO RIGID FRAME COLUMN



BASIC BUILDING PARAMETERS

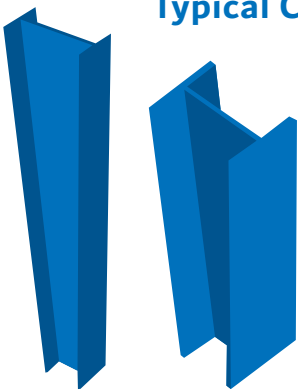
Primary Framing

Primary Members are the main Structural Members of a Pre Engineered Building. These can either be

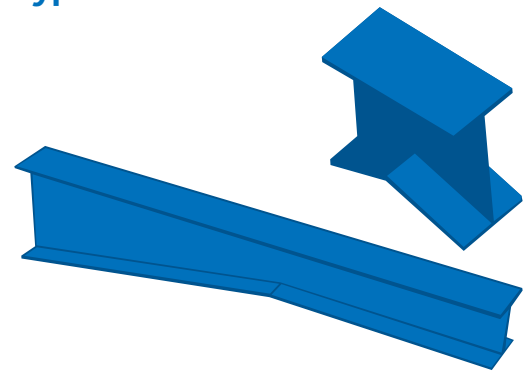
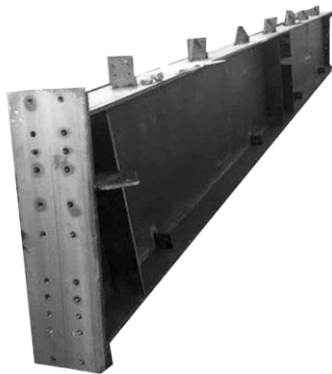
Built Up or Hot Rolled

Built Up Members are made up of 3 hot Rolled Plates of equal or varying thicknesses welded together to form an I-Section. Azaan PE Buses high grade steel plates conforming to ASTM A572M Grade 345 Type 1 (Minimum Yield Strength of 345N/mm²) or equivalent.

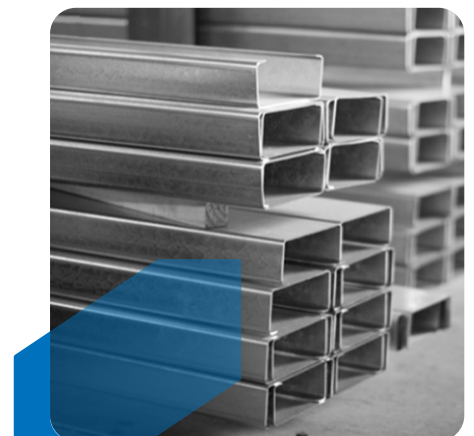
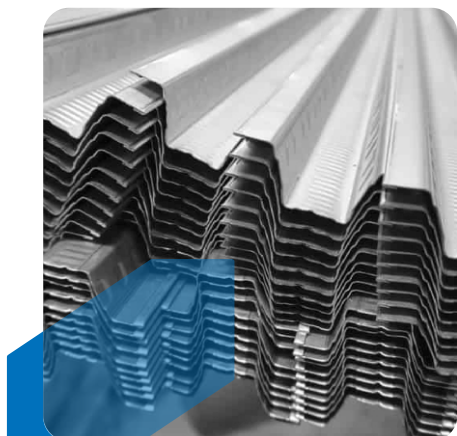
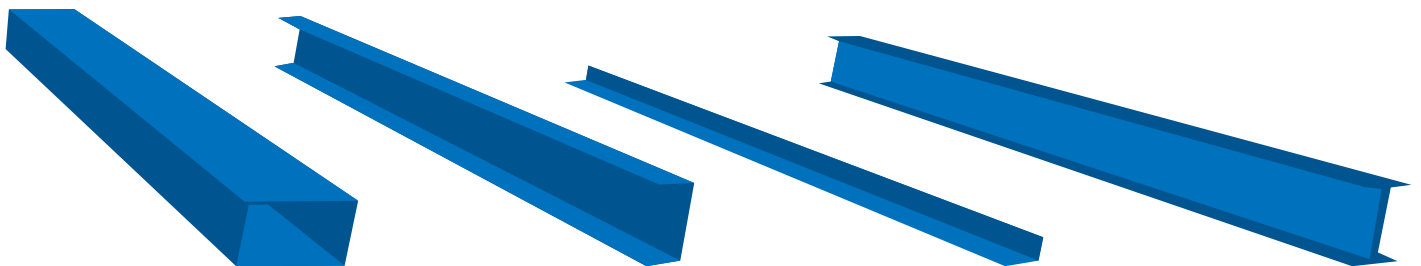
Typical Column



Typical Rafter



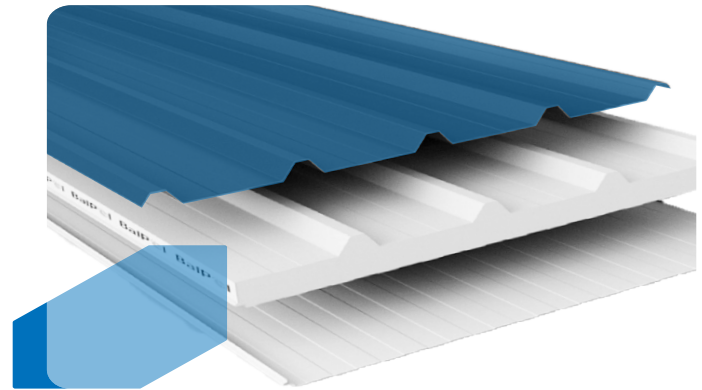
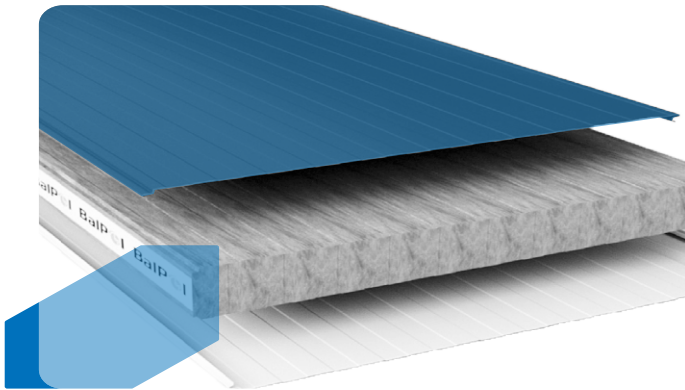
Hot Rolled Sections are the general hot rolled profiled sections available in steel market conforming to various international standards. These are applied for end wall framing, fascia framing, canopy framing, strut tubes and angle bracing.



BASIC BUILDING PARAMETERS

Sandwich Panels

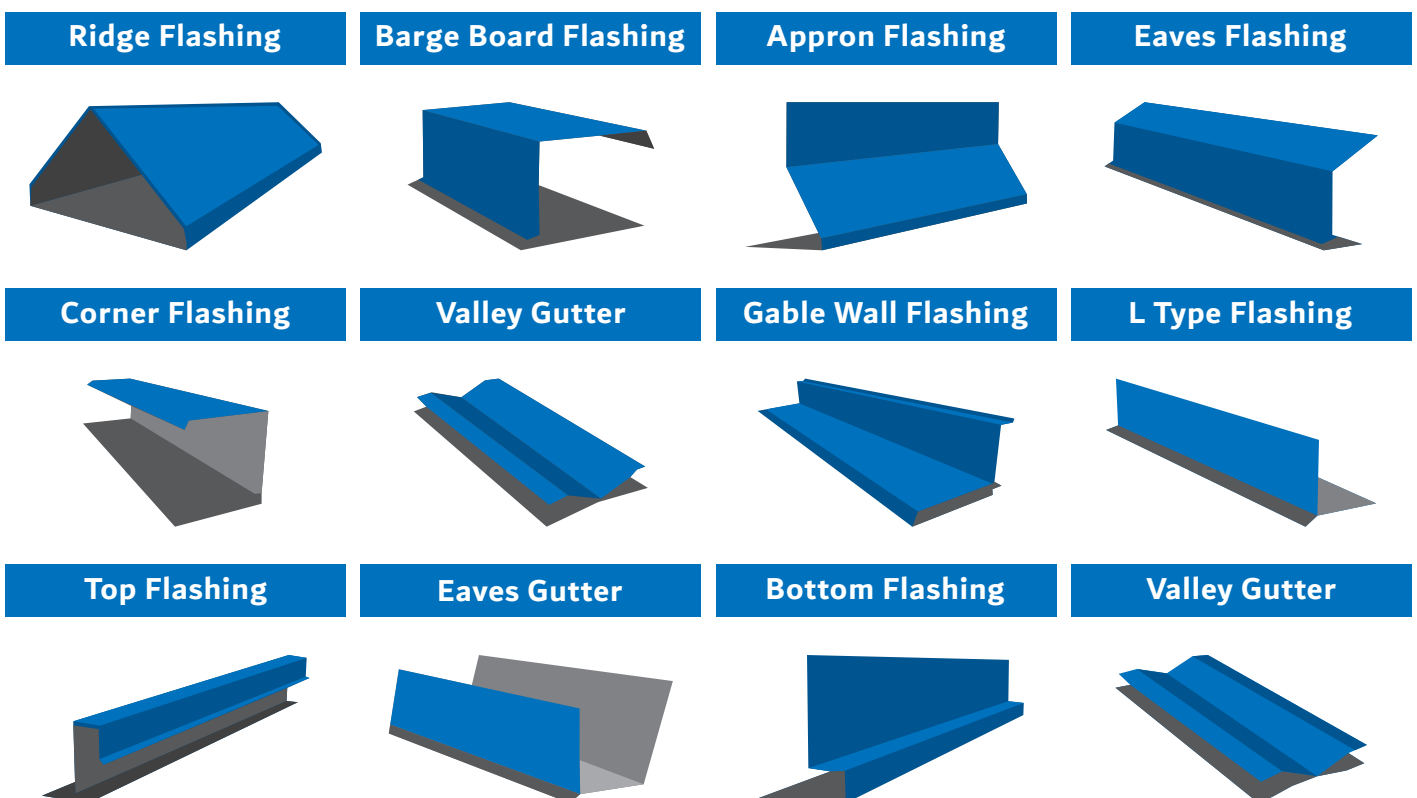
The outer and inner metal skins of Insulated Panels conform to the same specifications as the single skin painted panels described above. In addition, Insulated Panels have a factory injected polyurethane core.



Panel Related Accessories

Eave gutters, downspouts, curved eaves, wall flashings and trims are produced from the same material (base metal, thickness, substrate coating, paint finish and color) as the wall panels of the building.

Ridge panels and roof panel related accessories are produced from the same material as roof panels.



BASIC BUILDING PARAMETERS

Building Width

Building width is distance from outside of sidewall girt flange of one sidewall to outside of sidewall girt flange of opposite sidewall. Definition remains the same for all primary framing systems. This does not include width of Lean To's, Roof extensions or canopies.

Building Length

Building length is out to out longitudinal distance between flanges of end wall column flanges or end wall bypass girts whichever may be greater.

Building Height

Building height is understood as eave height of the building which is the distance from the finished floor level to the top outer point of eave purlin or eave strut.

Roof Slope (x.y : 10)

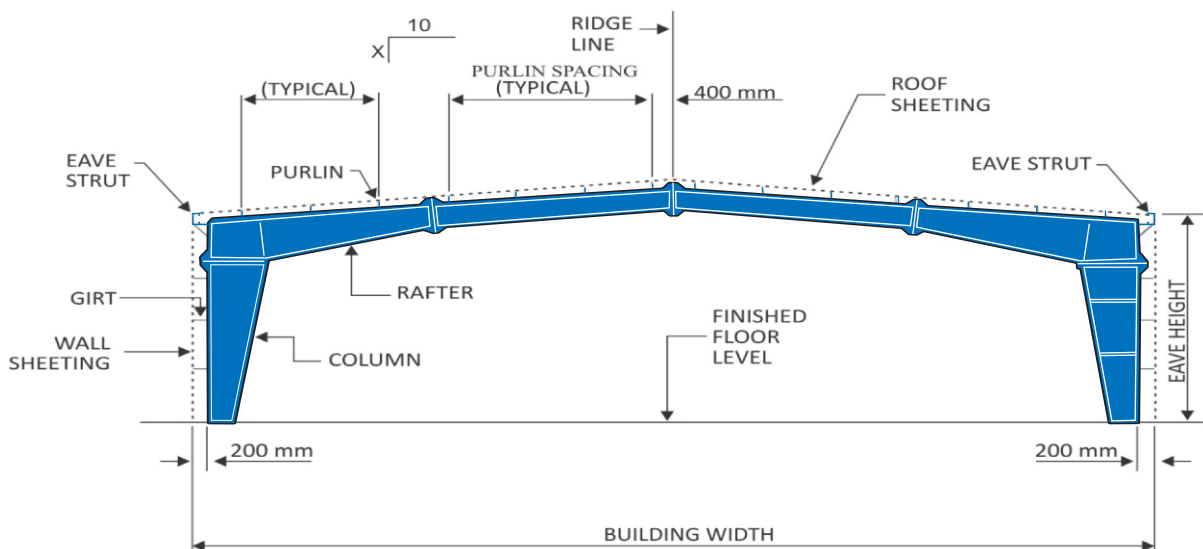
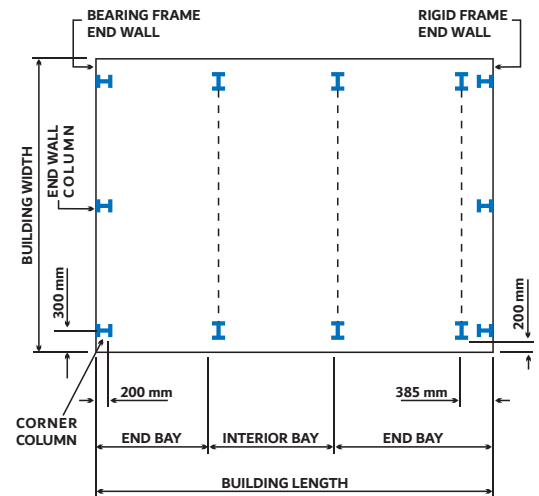
Roof slope is the angle of roof with respect to the horizontal. Any practical roof slope is possible, however generally roof slope between 0.50 : 10 to 1.5 : 10 is used. For Bulk storages, roof slope is dependent upon angle of repose of that particular material.

End Bay Length

This is the distance from outside of the outer flange of end wall column / end wall bypass girt to the center line of the first interior frame column.

Interior Bay Length

Interior Bay Length is the distance between the center lines of two adjacent interior main frame columns.



INTEGRITY

We do the right thing.

COMMITMENT

We keep our word.

EXCELLENCE

We give our best.

RESPECT

We value people.

Core Values & Goals

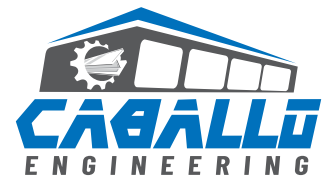
Providing well engineered and economical construction solutions to our valued clients.

Promoting international level of professionalism in the field of construction.

Introducing international quality standards of services in the field of erection of Pre-Engineered Buildings

To build excellent reputation in the field of PEB & become a key player in the industry.

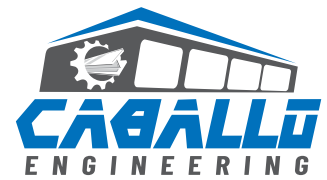
COMPANY ASSET (HUMAN RESOURCE CAPITAL)



Azaan Contractor treats its Human Resource as its most valuable asset. Below is the list of the key management persons with their qualification and experience.

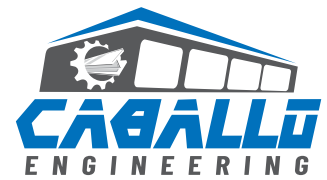
Sr. #	NAME	QUALIFICATION	DESIGNATION	EXPERIENCE
01	Faizan Akram	BE Mechanical	CEO	15
02	Rizwan Akram	BS. Hons (Automotive Engineering)	Managing Director	12
03	Azeem Haider Sheikh	BBA (Business Administration)	Director- Operations	10
04	Hassan Naqvi	MBA Marketing	GM Sales & Marketing	10
05	Shehbaz Khan	B.Tech Hons.(Mechanical)	Operations Manager	07
06	Mohsin Ali	DAE (Mechanical)	Project Coordinator	05
07	Rizwan	MBA Marketing	Sales Manager	15
08	Ahmad Ali	D.A.E(Mechanical)	Estimation Manager	08
09	M.Awais	D.A.E(Civil)	Tekla Detailer	05
10	Khursheed	DAE (Mechanical)	Auto Cad Operator	05
11	M.Imran	B. Tech Mechanical	Factory Manager	12
12	M Arshad	B. Tech Civil	Erection Manager	06

PROJECT LIST



Sr #	PROJECT TYPE	CLIENT	COVERED AREA (sft)
1	AIRCRAFT HANGER	PAKISTAN AIR FORCE	6,000
2	WARE HOUSE SHED	CAPITAL SMART CITY	20,000
3	WARE HOUSE SHED	CAPITAL SMART CITY	20,000
4	MALL WATING AREA SHED	CAPITAL SMART CITY	12,000
5	MALL PARKING AREA SHED	CAPITAL SMART CITY	10,000
6	MEZZANINE FLOOR	TREET BLATE	6,000
7	MEZZANINE FLOOR OFFICE	SPHAIR DAIRIES	5,000
8	DAIRY SHED	SPHAIR DAIRIES	20,000
9	WEAR HOUSE SHED	AKI	10,000
10	STAT BAGE HALL	SILVER STAR	22,000

PROJECT LIST



Sr #	PROJECT TYPE	CLIENT	COVERED AREA (sft)
11	PARKING SHED	HOUSING	6,000
12	STORE SHED	KAMRA AIR BASE	16,000
13	JET STORE SHED	SPALL	4,000
14	PRODUCTION HALL SHED	SPALL	5,500
15	PRODUCTION HALL MEZZANINE FLOOR	KAMRA AIR BASE	5,500
16	PETROL PUMP CANOPY	GO PETROLEUM	20,000
17	SHED ERECTION	METRO ORANGE LINE STATION	30,000
18	PEB SHEDS	PARCO SITE	10,000
19	FIRE WATER STORAGE TANK	SILVER STAR	22,000
20	STREET LIGHT POLE	PARCO SITE	20,000

GET IN TOUCH

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