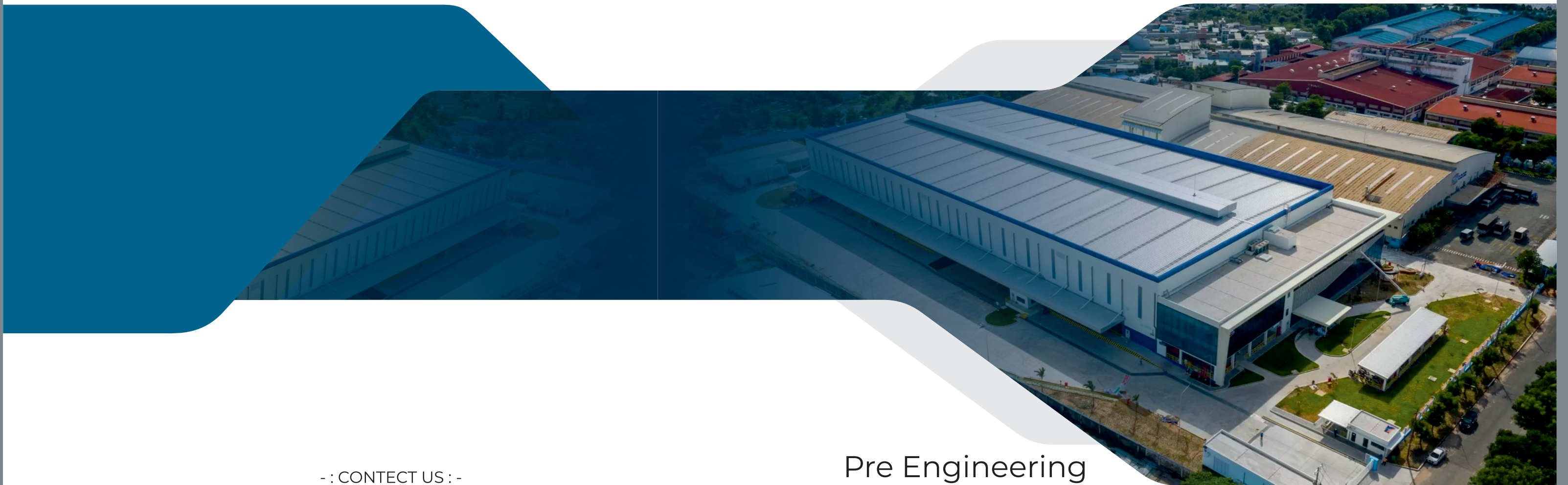




- : CONTECT US : -

HM INFRASTRUCTURE

Shop No. 3, Vasant Vihar Vibhag 1,
Near Swaminarayan Mandir, Hari Darshan Cross Road,
Nava Naroda, Ahmedabad, Gujarat, India.

Mobile. No:- +91 70468 43141

E-mail id:- hminfrastructure24@gmail.com

Pre Engineering
Building (peb)

**BUILDING THE
FUTURE,
ONE STRUCTURE
AT A TIME**

www.hminfrastructure.org



COMPANY INTRODUCTION

HM INFRASTRUCTURE IS A LEADING MANUFACTURER AND SUPPLIER OF HIGH-QUALITY STEEL STRUCTURES AND ROOFING SOLUTIONS IN INDIA. WITH A COMMITMENT TO EXCELLENCE, INNOVATION, AND CUSTOMER SATISFACTION, WE SPECIALIZE IN DELIVERING CUSTOMIZED PRE-ENGINEERED BUILDING SYSTEMS, COLOR COATED SHEETS, VENTILATION SYSTEMS, AND STRUCTURAL COMPONENTS THAT MEET THE EVOLVING NEEDS OF INDUSTRIAL, COMMERCIAL, AND INFRASTRUCTURAL DEVELOPMENT.

COMPANY OVERVIEW

AT HM INFRASTRUCTURE, WE ARE COMMITTED TO DELIVERING EXCELLENCE IN INFRASTRUCTURE DEVELOPMENT THROUGH INNOVATION, INTEGRITY, AND QUALITY. WITH A STRONG FOUNDATION IN ENGINEERING EXPERTISE AND A FORWARD-THINKING APPROACH, WE SPECIALIZE IN PROVIDING COMPREHENSIVE SOLUTIONS FOR A WIDE RANGE OF CIVIL AND INDUSTRIAL INFRASTRUCTURE PROJECTS.

SINCE OUR INCEPTION, WE HAVE BUILT A REPUTATION FOR RELIABILITY, PRECISION, AND CUSTOMER SATISFACTION. OUR DEDICATED TEAM OF PROFESSIONALS BRINGS TOGETHER YEARS OF EXPERIENCE IN CONSTRUCTION, PROJECT MANAGEMENT, AND TECHNICAL CONSULTING-ENSURING THAT EVERY PROJECT MEETS THE HIGHEST STANDARDS OF QUALITY AND SAFETY.

WHETHER IT'S ROADS, BRIDGES, INDUSTRIAL STRUCTURES, OR UTILITY INSTALLATIONS, HM INFRASTRUCTURE IS EQUIPPED TO HANDLE COMPLEX CHALLENGES WITH EFFICIENCY AND TRANSPARENCY. WE BELIEVE IN SUSTAINABLE DEVELOPMENT AND ARE CONSTANTLY EVOLVING TO ADOPT MODERN TECHNIQUES AND ECO-FRIENDLY PRACTICES.



OUR VISION

TO BE A LEADING INFRASTRUCTURE COMPANY RECOGNIZED FOR ENGINEERING EXCELLENCE, ON-TIME DELIVERY, AND LASTING IMPACT.



OUR MISSION

- TO DELIVER HIGH-QUALITY INFRASTRUCTURE SOLUTIONS THAT EXCEED CLIENT EXPECTATIONS.
- TO FOSTER INNOVATION AND SUSTAINABLE PRACTICES IN EVERY PROJECT.
- TO ENSURE TIMELY EXECUTION THROUGH ADVANCED PLANNING AND EFFECTIVE RESOURCE MANAGEMENT.



CORE VALUES

- **INTEGRITY**-HONESTY AND TRANSPARENCY IN EVERYTHING WE DO.
- **COMMITMENT** - DELIVERING PROJECTS ON TIME WITHOUT COMPROMISING QUALITY.
- **INNOVATION** - EMBRACING NEW TECHNOLOGIES AND SMARTER WAYS OF BUILDING. STRUCTURES THAT STAND THE TEST OF TIME WITH MINIMAL ENVIRONMENTAL IMPACT.



WHY CHOOSE US?

- EXPERIENCED AND SKILLED TEAM
- QUALITY-DRIVEN APPROACH
- TIMELY PROJECT DELIVERY
- COMPETITIVE PRICING
- COMPLETE CUSTOMER SATISFACTION

PRE ENGINEERING BUILDING (PEB)

HM INFRASTRUCTURE SPECIALIZES IN CUSTOM-DESIGNED PEB SHEDS ENGINEERED TO MEET SPECIFIC CLIENT REQUIREMENTS.

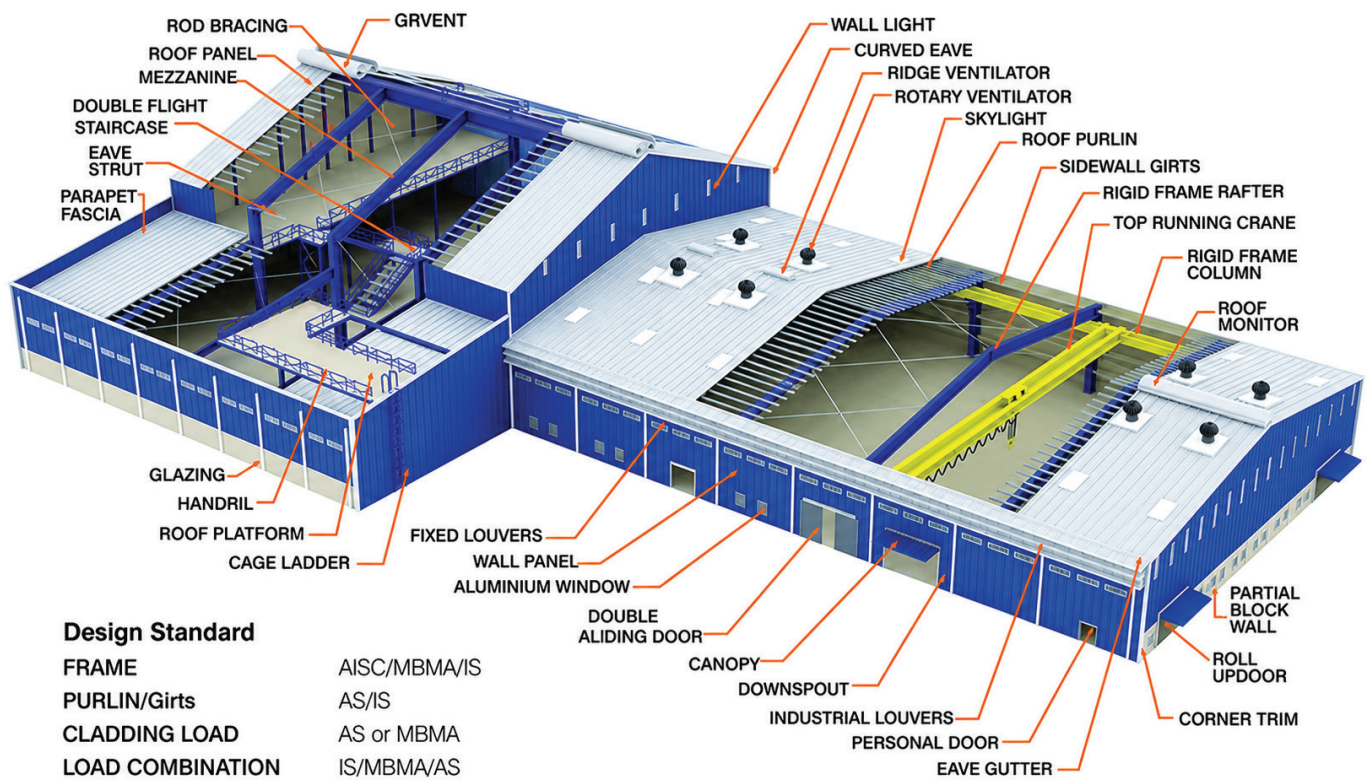
THE DESIGN PHASE INVOLVES ADVANCED SOFTWARE LIKE STAAD PRO AND TEKLA FOR STRUCTURAL ACCURACY AND OPTIMIZATION. LOADS SUCH AS WIND, SEISMIC, DEAD, AND LIVE LOADS ARE CONSIDERED DURING THE DESIGN TO ENSURE SAFETY AND COMPLIANCE WITH IS AND INTERNATIONAL CODES.

THE MANUFACTURING PROCESS USES HIGH-QUALITY, IS-GRADE STEEL. ALL COMPONENTS-COLUMNS, RAFTERS, PURLINS, AND CLADDING-ARE PRECISION-CUT AND WELDED USING CNC MACHINES. QUALITY CHECKS ARE CONDUCTED AT EACH STAGE TO ENSURE DIMENSIONAL ACCURACY AND STRUCTURAL INTEGRITY.

SUPPLY INVOLVES PACKING AND TRANSPORTING ALL COMPONENTS, INCLUDING FASTENERS, BOLTS, ANCHOR BOLTS, ROOFING SHEETS, AND ACCESSORIES, DIRECTLY TO THE PROJECT SITE. ALL PARTS ARE CLEARLY LABELED FOR EASY IDENTIFICATION AND ERROR-FREE ASSEMBLY.

INSTALLATION IS CARRIED OUT BY TRAINED PROFESSIONALS USING CRANES, LIFTS, AND MODERN TOOLS. ERECTION IS FAST AND SAFE, WITH BOLTED CONNECTIONS ENSURING FUTURE EXPANDABILITY. ROOFING SHEETS, VENTILATORS, INSULATION, AND RAINWATER ACCESSORIES ARE INSTALLED AS PER THE CLIENT'S NEEDS.

OUR PEB SHEDS ARE IDEAL FOR FACTORIES, WAREHOUSES, WORKSHOPS, AND LOGISTICS CENTERS. THEY OFFER UNMATCHED STRENGTH, FAST TURNAROUND, COST-EFFECTIVENESS, AND LONG-TERM DURABILITY.





PRE ENGINEERING BUILDING CODES SPECIFICATION

DESIGN CODES FOLLOWED:

IS 800:2007 - GENERAL CONSTRUCTION IN STEEL - CODE OF PRACTICE (LIMIT STATE METHOD).

IS 875 (PART 1 TO 5) - CODE OF PRACTICE FOR DESIGN LOADS (DEAD LOAD, LIVE LOAD, WIND LOAD, SNOW LOAD, SPECIAL LOAD).

IS 1893 (PART 1):2016 - EARTHQUAKE RESISTANT DESIGN OF STRUCTURES (FOR SEISMIC LOAD CONSIDERATIONS).

IS 456:2000 - CODE OF PRACTICE FOR PLAIN AND REINFORCED CONCRETE (USED FOR FOUNDATION DESIGN).

MBMA (USA) - METAL BUILDING MANUFACTURERS ASSOCIATION STANDARDS (OPTIONAL REFERENCE FOR EXPORT OR CUSTOM-IZED CLIENT REQUIREMENTS).

AISC / AWS D1.1 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION / WELDING CODE (IF INTERNATIONAL COMPLIANCE IS REQUEST-ED).

COLOUR COTED SHEET

HM INFRASTRUCTURE OFFERS PREMIUM-QUALITY COLOUR COATED STEEL SHEETS, WIDELY USED FOR ROOFING, CLADDING, AND ARCHITECTURAL APPLICATIONS. THESE SHEETS ARE AVAILABLE IN VARIOUS BASE METALS, COATINGS, AND FINISHES TO MEET BOTH STRUCTURAL AND AESTHETIC DEMANDS.

TYPES OF SHEETS OFFERED:

PPGL (PRE-PAINTED GALVALUME SHEETS): ALUMINIUM-ZINC ALLOY COATING PROVIDES ENHANCED CORROSION RESISTANCE AND HEAT REFLECTIVITY.

PPGI (PRE-PAINTED GALVANIZED SHEETS): HOT-DIP GALVANIZED WITH ZINC COATING FOR SUPERIOR PROTECTION AGAINST RUST AND WEATHERING.

BGL (BARE GALVALUME SHEETS): ALUMINIUM-ZINC ALLOY COATED WITHOUT PAINT FOR INDUSTRIAL APPLICATIONS WITH HIGH HEAT EXPOSURE.

COATING TYPES AVAILABLE:

REGULAR MODIFIED POLYESTER (RMP)

SILICON MODIFIED POLYESTER (SMP)

SUPER DURABLE POLYESTER (SDP)

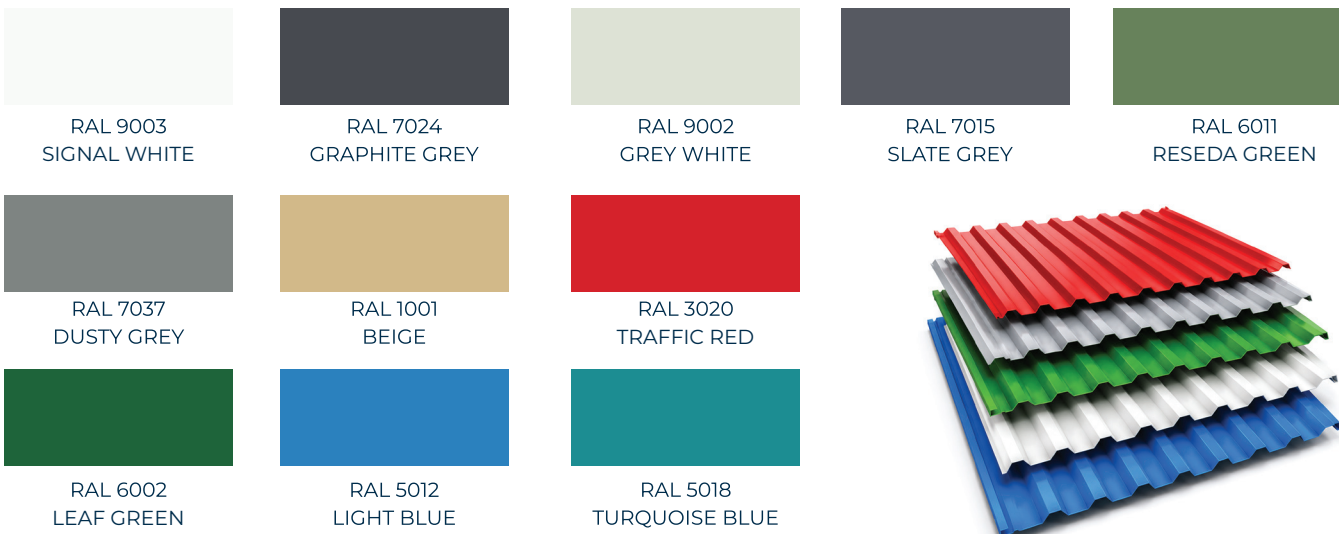
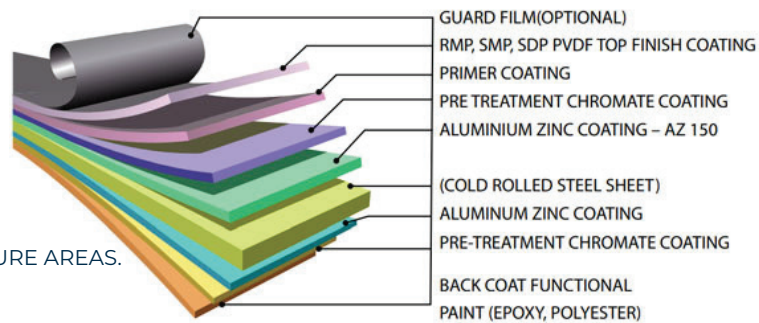
POLYVINYLIDENE FLUORIDE (PVDF) -

EXCELLENT FOR COASTAL, CHEMICAL, AND HIGH UV EXPOSURE AREAS.

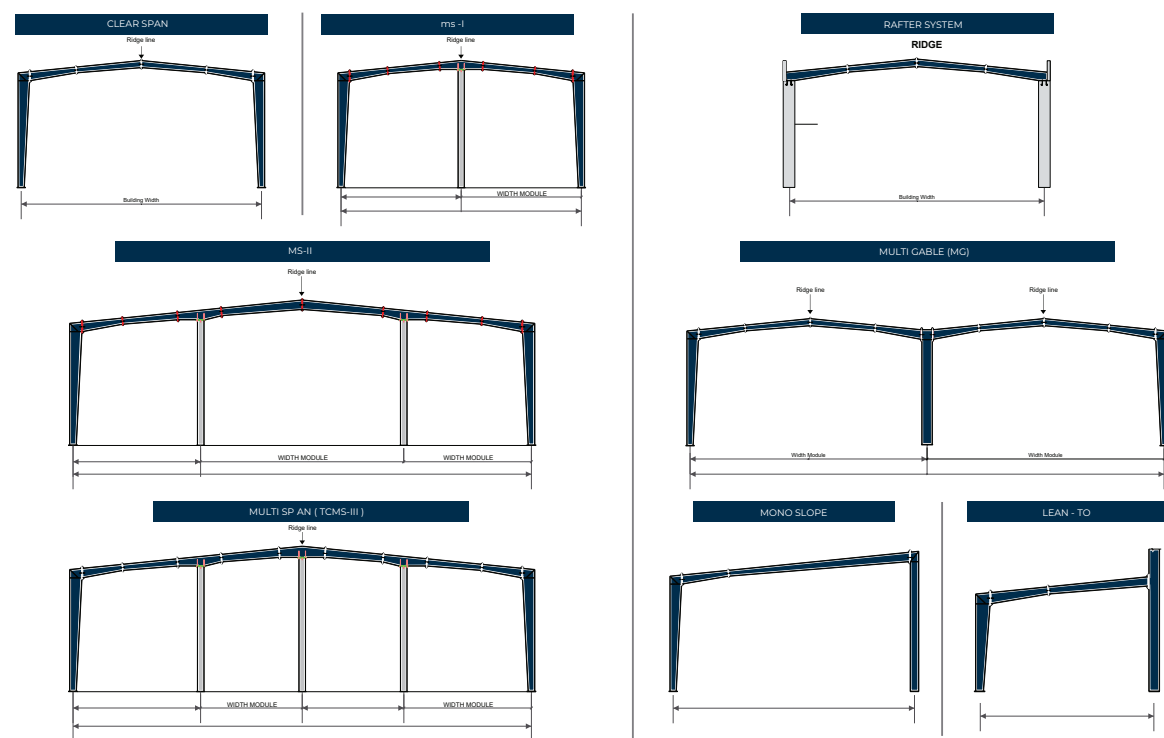
TECHNICAL SPECIFICATIONS:

THICKNESS RANGE: 0.40 MM TO 2.0 MM (AS PER CUSTOMER REQUIREMENT).

COATING WEIGHT: AZ 80 GSM TO AZ 150 GSM (FOR GALVALUME)

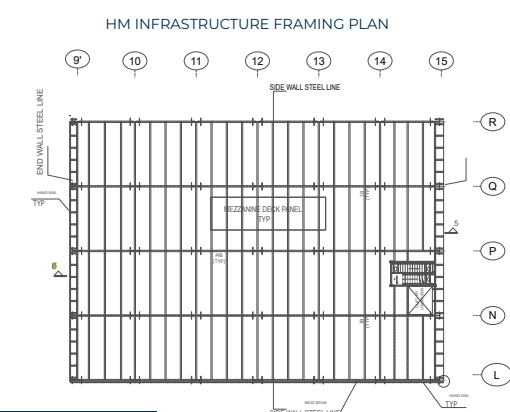


STANDARD TYPE OF FRAME

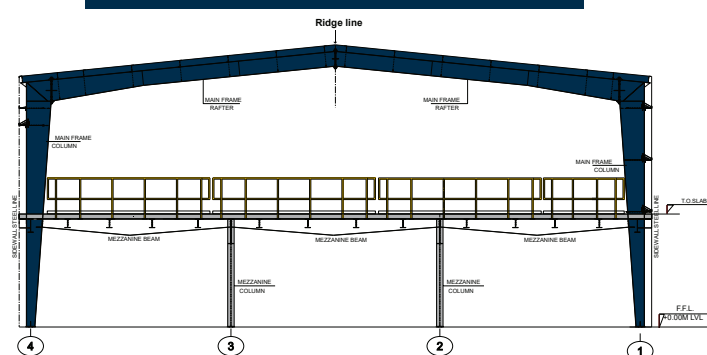


HM INFRASTRUCTURE

HM INFRASTRUCTURE ARE VERY COMMON IN PEB BUILDINGS NOWADAYS AS THEY ARE SUITABLE FOR VARIOUS APPLICATIONS LIKE OFFICE, STORAGE, PROCESSING PLANT, ETC. HM INFRASTRUCTURE CONSISTS OF GALVANIZED DECK SHEET OR CHEQUERED PLATE AS PER THE REQUIREMENT OF THE PROJECT. THIS MAY BE INSTALLED WITH GRATINGS ALSO FOR SPECIAL APPLICATIONS. THE TYPICAL FRAMING SYSTEM OF THE HM INFRASTRUCTURE CONSISTS OF BEAMS & JOISTS.

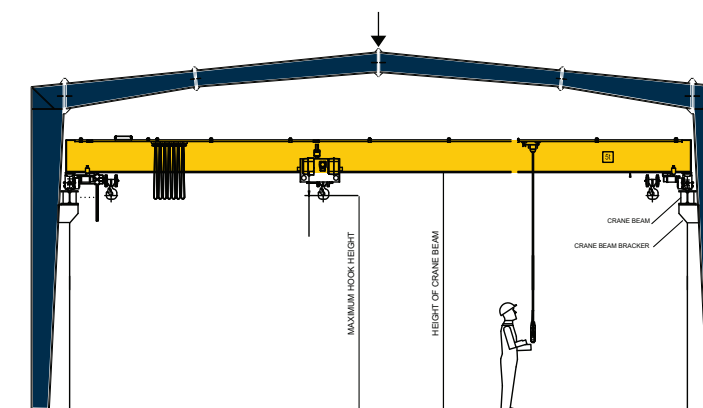


HM INFRASTRUCTURE FRAMING ELEVATION

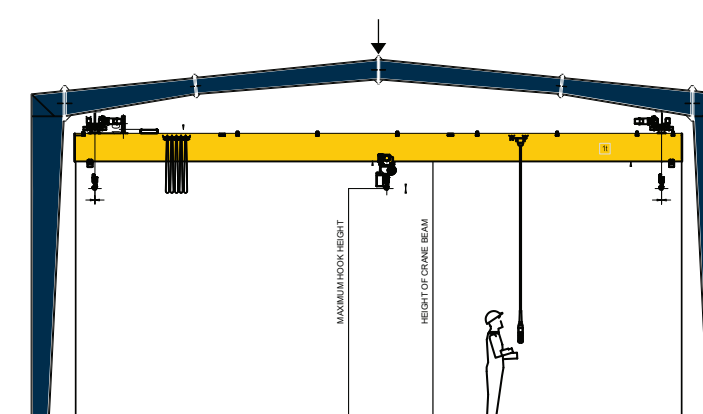


CRANES

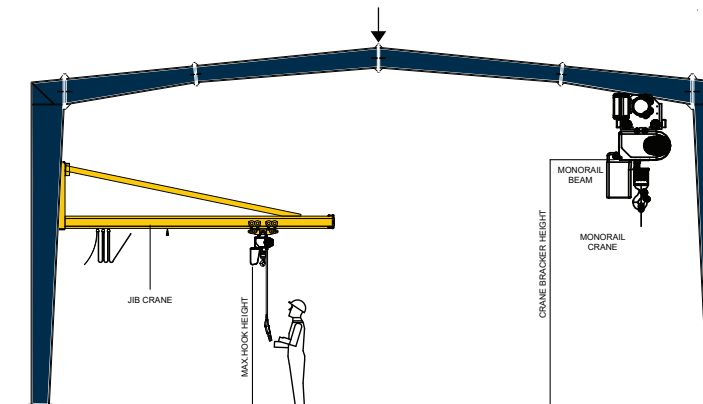
EOT CRANE



UNDER SLUNG CRANE

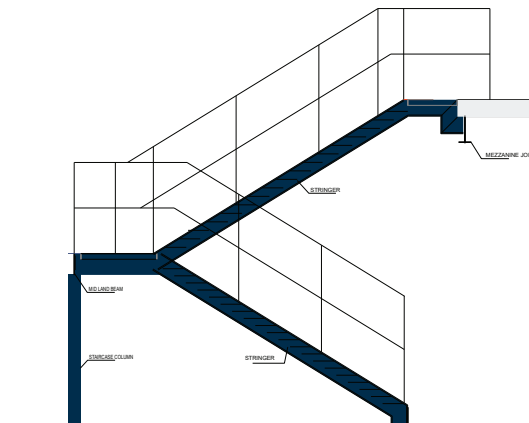


JIB CRANE

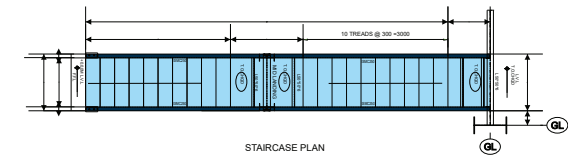
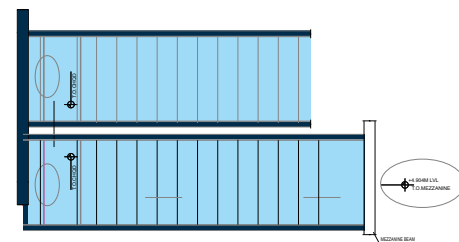
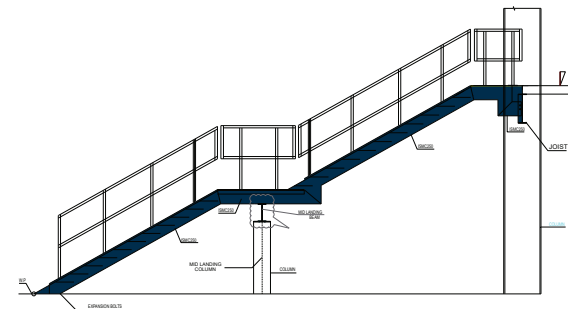


STAIRCASE

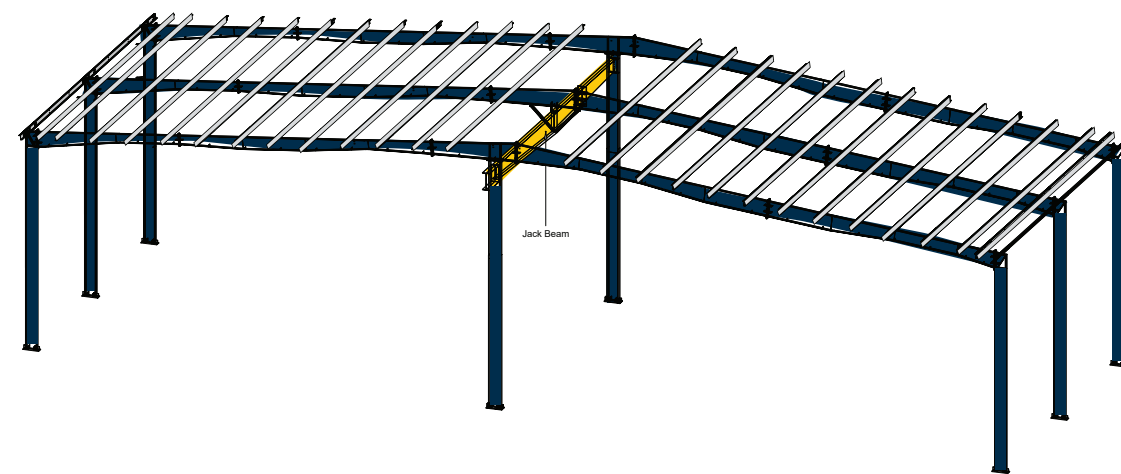
ELEVATION - DOUBLE FLIGHT STAIRCASE



ELEVATION - SINGLE FLIGHT STAIRCASE

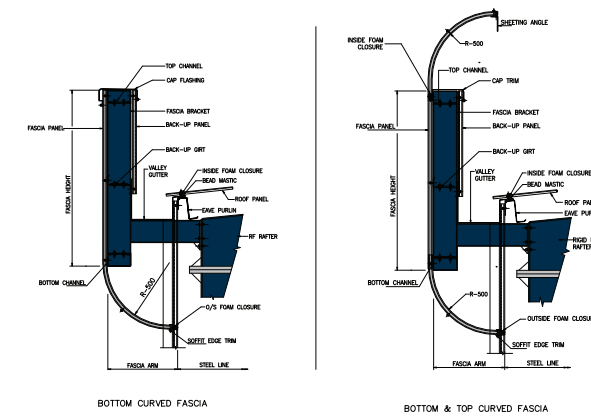


JACK BEAM

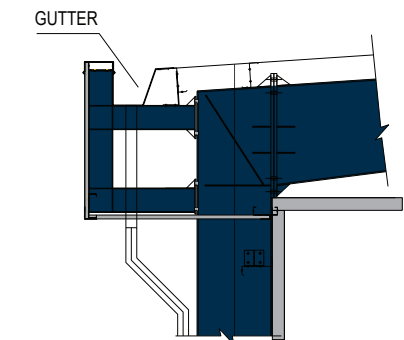


FASCIA

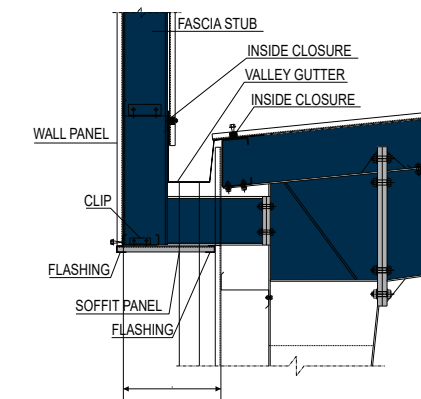
PROJECTED CURVED FASCIA



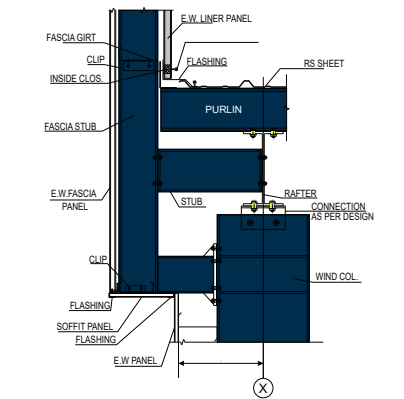
GUTTER COVERING FASCIA



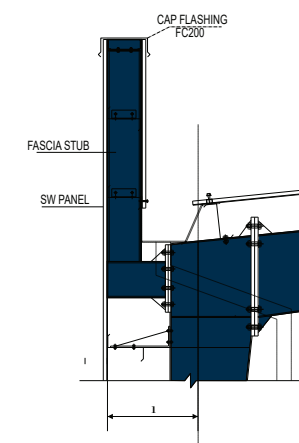
PROJECTED FASCIA SIDE WALL DETAIL



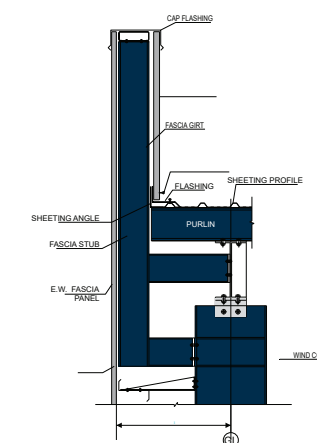
PROJECTED FASCIA END WALL DET.



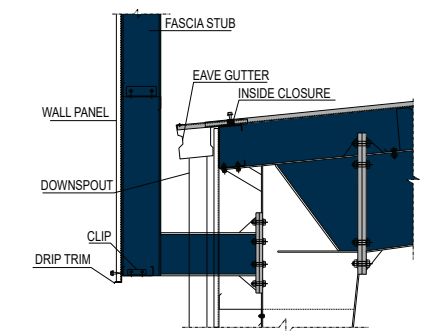
FLUSH FASCIA SIDE WALL DETAIL



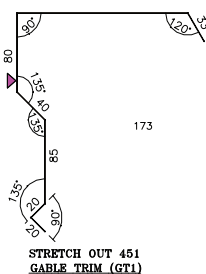
FLUSH FASCIA END WALL DETAIL



PROJECTED FASCIA WITH EAVE GUTTER

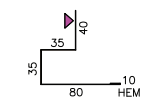


TANDARD FLASHINGS & TRIMS

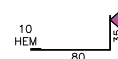


STRETCH OUT 451
GABLE TRIM (GT1)

GENERAL NOTES:
 ◀ - DENOTES COLOR SIDE OF FLASHING



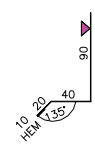
STRETCH OUT 200
FACIA SILL TRIM (EST-1)



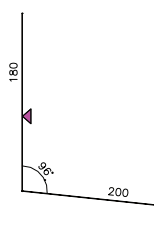
STRETCH OUT 125
FACIA SILL TRIM (FST-2)



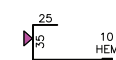
STRETCH OUT-300
MASONRY TRIM--MT1



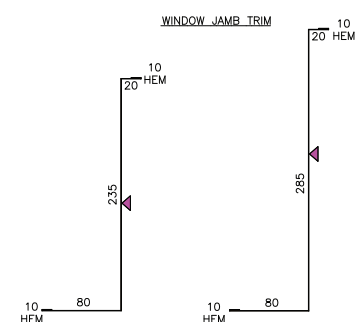
STRETCH OUT-160
DRIP TRIM(DT1)



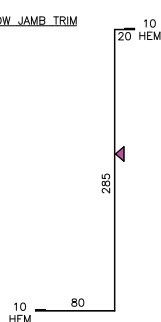
STRETCH OUT 413
TRANSITION TRIM (TT1)



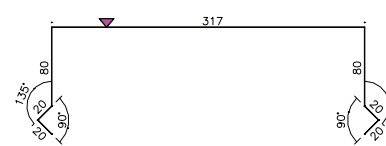
STRETCH OUT 150
JAMB TRIM (JT1)



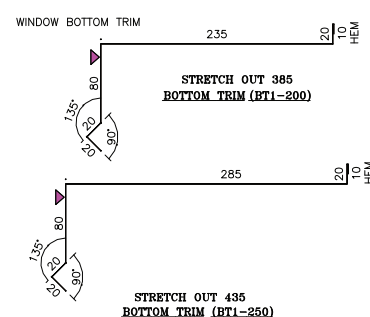
STRETCH OUT 355
JAMB TRIM (JT2-200)



STRETCH OUT 405
JAMB TRIM (JT2-250)



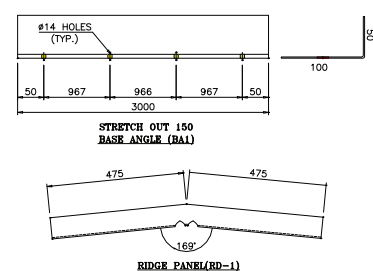
STRETCH OUT-557
CAP FLASHING FOR 250Z--FC250



STRETCH OUT 385
BOTTOM TRIM (BT1-200)



STRETCH OUT 435
BOTTOM TRIM (BT1-250)

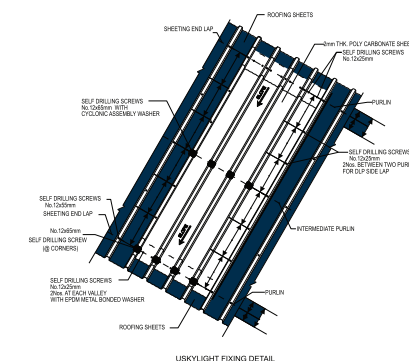


STRETCH OUT 150
BASE ANGLE (BA1)

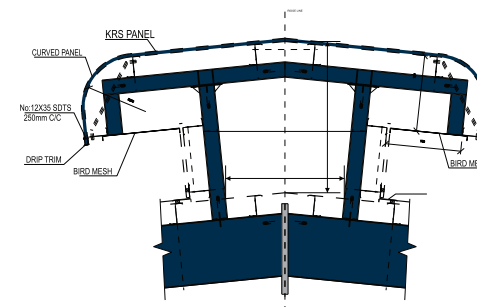
RIDGE PANEL(RD-1)

STANDARD ACCESSORIES

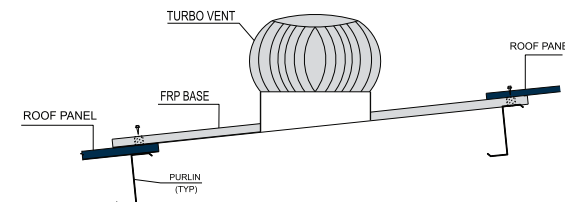
STANDARD SKY LIGHT PANEL DETAIL



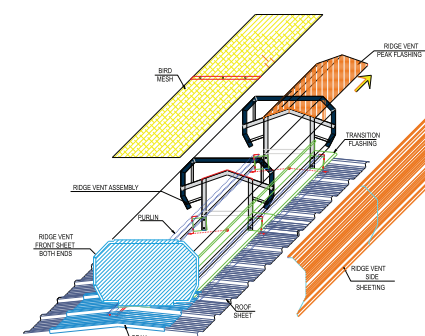
ROOF MONITOR DETAIL



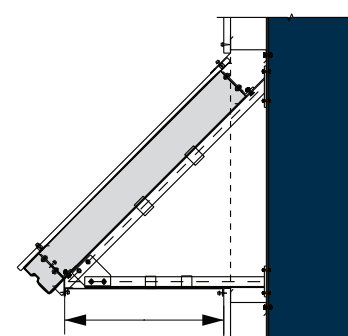
SECTION AT TURBOENT PANEL



RIDGE VENT



INDUSTRIAL LOUVER



S TYPE FIXED LOUVERS

