

# PRE-ENGINEERED STEEL STRUCTURE

EDITION 2022

AZIR STEEL TRADING

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### Headnote

Construction is an extraordinary industry in and of itself for it belongs to neither the commercial nor the industrial group. As its own entity within society, construction plays a monumental role in developing countries.

Construction is the root of all projects from residential to commercial buildings. Industrial factories lay the groundwork for other manufacturing industries, which paves the path for infrastructure sub-sectors to allow countries to flourish and develop.

As society continues to develop exponentially over the years, the construction industry has been forced to adapt and evolve simultaneously from designs to materials to construction solutions, all of which are vital societal necessities.

Azir Steel acknowledges and has done extensive research on the positive impacts of steel. Years of advancements have allowed steel to gradually replace concrete as the preferred and more efficient material in construction.

More specifically, some key advantages of using steel in our solutions include its immense strength, lightness, durability, and fast progression. Furthermore, as our planet continues to grow increasingly eco-friendly, the construction industry turns more and more to opting for the use of steel structure for its versatility in usage ranging from simple to complex.

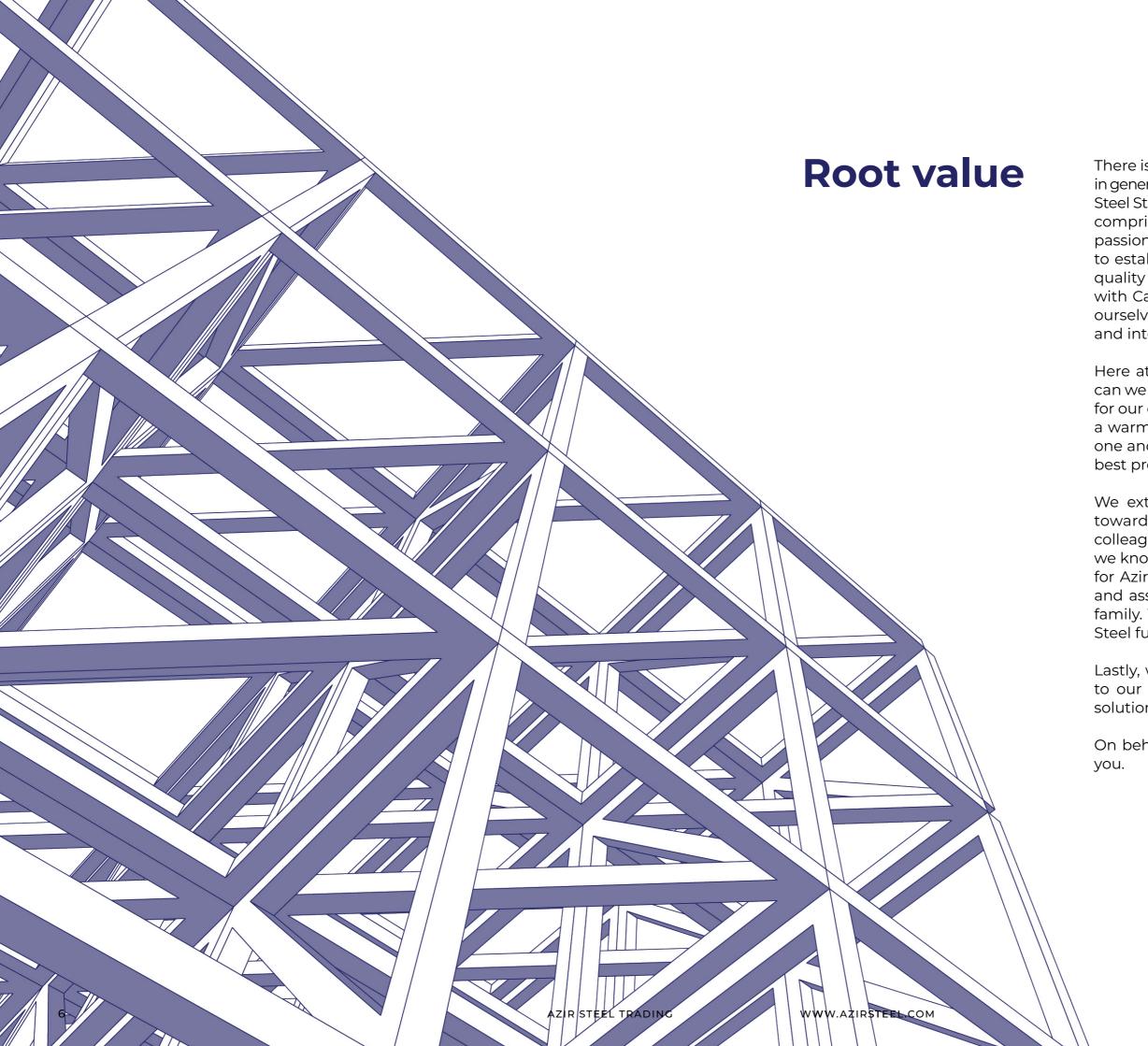
Historically speaking, many famous projects around the world use steel structure, such as the Chrysler Building in New York and the Eiffel tower in France.

In our motherland itself, Philippines uses steel structure as the skeleton or core component for many high-rise buildings, such as the Grand Hyatt Metrocenter.

To say the least, advancement of pre-engineered steel structure within construction has been expanding widely. In numbers, we have seen a growth in steel-based structures by more than 10% annually over the past two decades, & we anticipate this number to only increase in the coming years.

Looking towards the future, Azir Steel is confident that Pre-Engineered Steel Structure (PESS) will gradually replace other construction options for high-rise buildings and other construction projects alike in developing countries within Southeast Asia, such as Philippines.

We will be guided by the successful transition of using PESS in other developed countries, such as Japan, Taiwan, China, and Korea. Using their progress and growth as a blueprint, we will design a step by step process to provide Philippines with our own successful future in using steel structure.



There is a growing trend towards construction in general, and in particular, the Pre-Engineered Steel Structure industry. At Azir Steel, we are comprised of a team of experienced and passionate members who are determined to establish ourselves as a prestigious and quality company. Our slogan "Building with Care" is our promise to you. We pride ourselves in working with sincerity, honesty, and integrity.

Here at Azir Steel, we have a motto, "How can we work together to foster greater value for our community?" With open minds and a warm heart, we work harmoniously with one another to find better solutions for the best products and projects.

We extend our most gracious gratitude towards our partners, customers, suppliers, colleagues, and our management team for we know that no success could be possible for Azir Steel without the collective efforts and assistance from the entire Azir Steel's family. Truly, you all make each day at Azir Steel full of joy and pleasure.

Lastly, we are committed to standing true to our words of constantly finding better solutions through our actions.

On behalf of the Board of Directors, thank you.

President of Azir Steel



## **Vision**

At Azir Steel, our vision is to become a professional company in the construction industry, particularly focusing on pre-engineered steel structures.

We aim to enlighten and liberalize people through careful training. As a company, we expand human resources and invest in our facilities to operate at optimal levels of efficiency and effectiveness.

By 2025, the company's revenue is projected to grow a minimum of 15% annually and have a brand name belonging in group of top companies of the PESS (Pre-Engineered Steel Structure) Industry.

Additionally, before 2030, we anticipate our annual revenue to be placed in the top 10 worldwide with a Rank 2 in the Pre-Engineered Steel Structure Industry.



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customer, sub-contractors, and

community.



# **Culture & Core value**

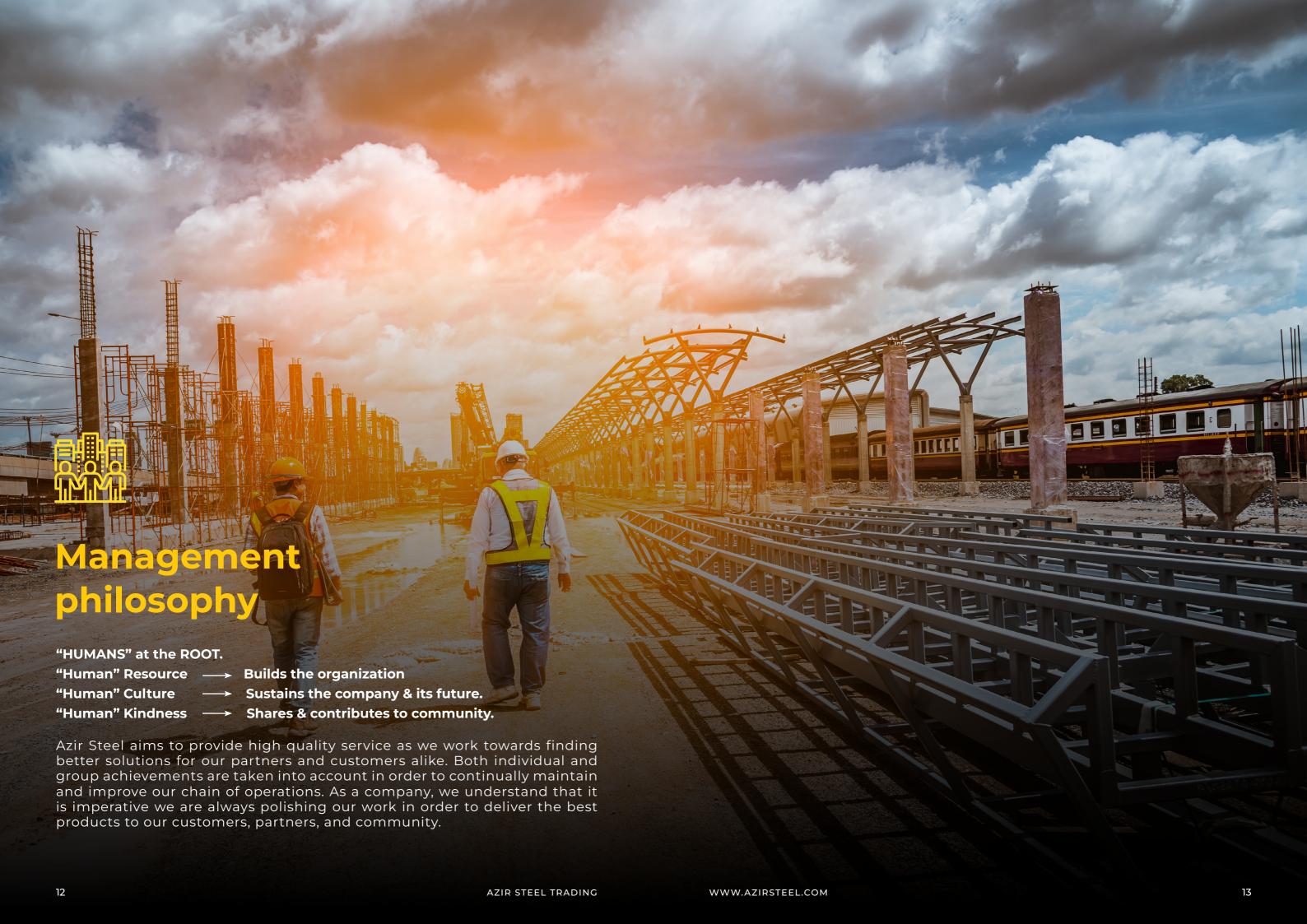
### INTEGRITY + GOODNESS + "RESPECT # REPUTATION"

Core Value: Honesty produces Integrity. "Honesty and Integrity" form the vital base of our company. Integrated with our deep passion for bringing quality to our products, partners, and community, we combine our wisdom and knowledge to find the best possible solutions.

Culture: Goodwill, cooperation, and collaboration rooted in Care. We hold a high expectation to communicate with the utmost respect and sense of goodwill for others. While we pride ourselves in our knowledge and experiences, Azir Steel operates on the foundation of sincerity and genuine care by creating a pleasant working environment for all.

Self-Respect, Respect and Prestige as an integral part of our commitment. Members of Azir Steel enter the company with the expectation of upholding themselves to the highest regard of respect in order to make valuable contributions within the company. We hold ourselves to be held accountable for our actions, and as such, we respect not only ourselves but others as well in order to maintain this prestigious company. We pride ourselves in placing such high importance on rooting our work with a kind, understanding heart. It is only with such a heart that we can create meaningful products and provide quality, lasting services. We stand by our promise to you, and we hold our reputation as a company to perform only under such standards.





# Model of single responsibility



With the experienced design team for many years as well as many different architec projects.



For the concept drawings to help customer have the overview about how is project will be looked like.

Give the consulting with few options to have optimal design but quality, safety are no compromise.



Bidding, Negotiation and finalize the price as well as other terms to sign contract.





**PROPOSAL DRAWINGS** 



NEGOTIATION, CONTRACT SIGNING



To release fabrication to Manufacture to start production. The production is with standard procedure, inspection to make sure about quality as well as zero error vs shop drawings.

Update all comments from customer to have final approved drawings to go for shop drawings step by using 3D soft ware to have minImize error.



To go full structure design to issue the design calculation and issue the approval drawings.

QC INSPECTION



**FABRICATION** 



SHOP DRAWINGS



STRUCTURAL DESIGN



The warehouse department to do packing, planning for loading m bers phase by phase to smoothly connecting to the erection p



Transportation to job site by truck, container.

The hardworking CMD team included of site engineer, supervisor, site manager, safety engineer to cordinate with other site work to manage about cost, sub-contractor, schedule & quality.



Defect list, commissioning and hand over project to Customer and service maintenance, warranty.



PACKING &LOADING





COMPLETION & HAND OVER



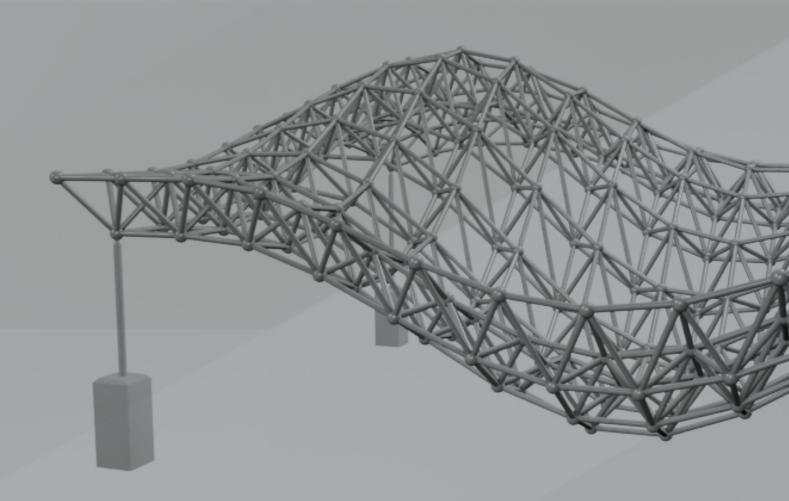
# 2. OTHER STEEL STRUCTURES

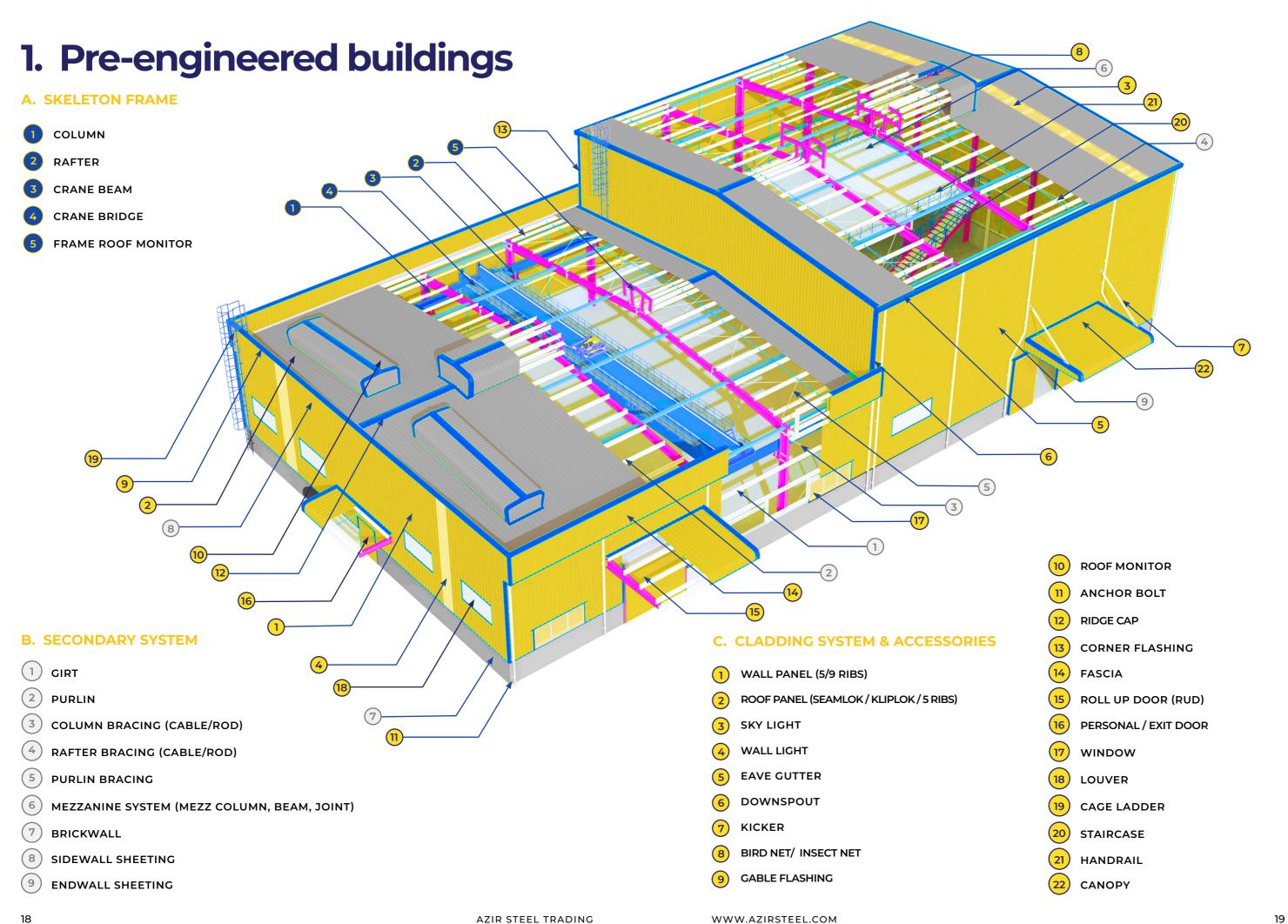
- 2.1 KINGPOST & SHORING SYSTEM TO SERVE FOR BASEMENT WORK OR STEEL CORE OF HIGH RISE BUILDING.
- 2.2 STEEL FRAME FOR SUPPORT M&E
- 2.3 STEEL FRAME FOR CONVEYOR, PIPE RACK

# 1. PRE-ENGINEERED BUILDINGS

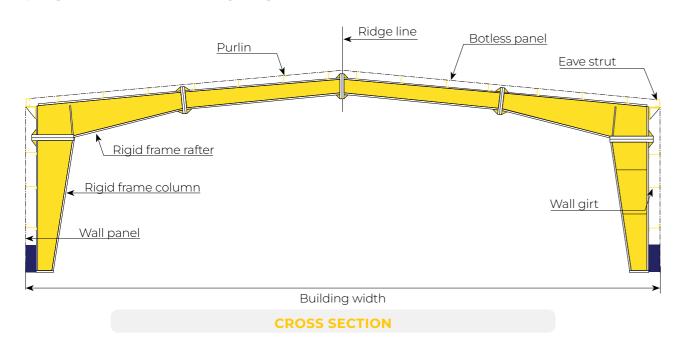
- 1.1 SKELETON FRAME
- 1.2 ACCESSORIES
- 1.3 CLADDING SYSTEM

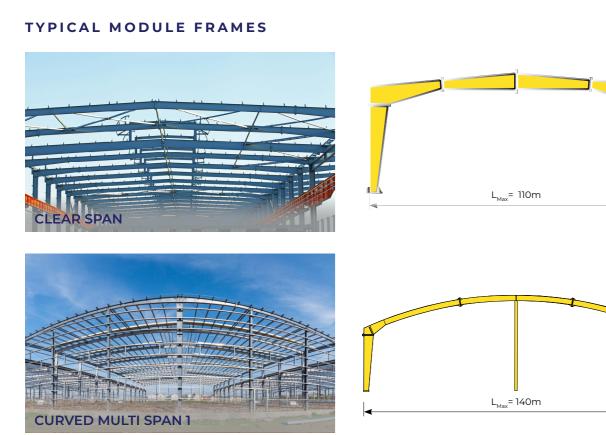
# Products



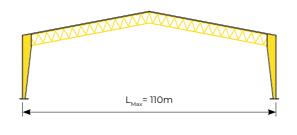


#### 1.1 STANDARD MODULE FRAME





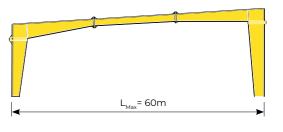


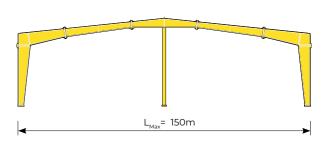




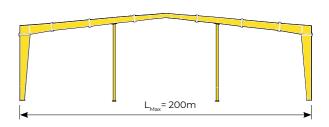


MULTI SPAN 1 / MS1

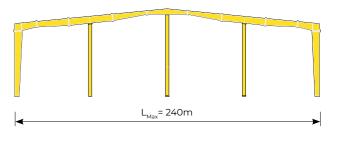




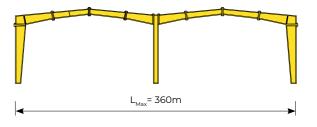




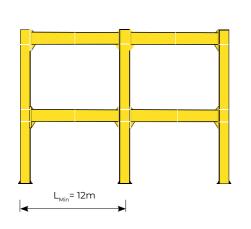




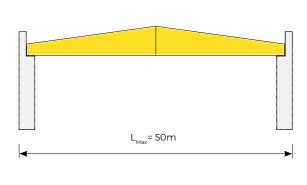




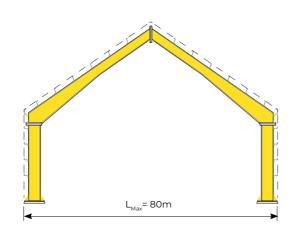




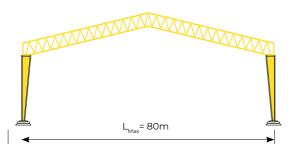




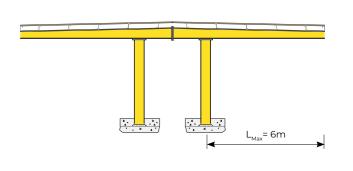




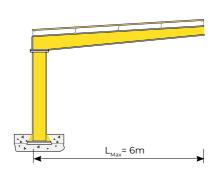




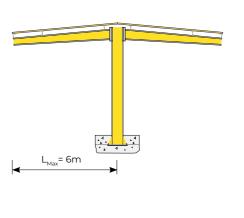




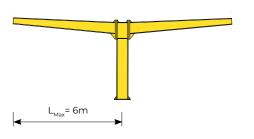












In addition to the standard parameters provided by Azir Steel, we can interact and advise to meet with other types of parameters according to the needs of customers.

#### 1.2 BRACING SYSTEM







X BRACING 2L



TURNBUCKLE & CABLE SHACKLE



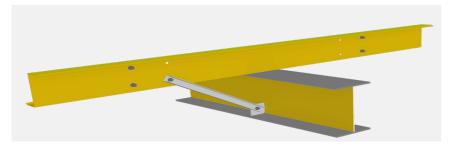
**SAG ROD** 



**SAG ARRESTOR** 



PORTAL FRAME



**FLANGESTAY** 





**SAG ARRESTOR & BRACE ROD** 



**FLANGE BRACE** 

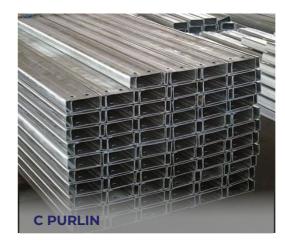
#### 1.3 PURLIN SYSTEM, COLD FORM SECONDARY

The purlin/girt are designed on its strength (Yield Strength-Fy G345/G450, thickness, size) and how is anti corrosion (Zinc Z80, Z100, Z120, Z150, Z180, Z200, Z275, Z350)





	ITEM CODE	H (mm)	B (mm)	B' (mm)	C (mm)	SECTION DETAIL
	Z150	150	62		25 max	C (B')
	Z200	200			25 max	† †
	Z250	250	62		25 max	+
	Z300	300	72		25 max	B →
I						



ITEM CODE	H (mm)	B (mm)	C (mm)	SECTION DETAIL
C150	150	50	25 max	+ <del>V</del>
C200	200	50	25 max	<b>≖</b>
C250	250	50	25 max	<u>▼</u>

#### 1.4 ANCHOR BOLTS

Anchor bolt / Foundation Bolt is designed to anchor steel structure to foundation. Normally, the shape of such anchor bolt is either I, L, J. The strength is grade 4.6-5.6-6.6 with elector galv.

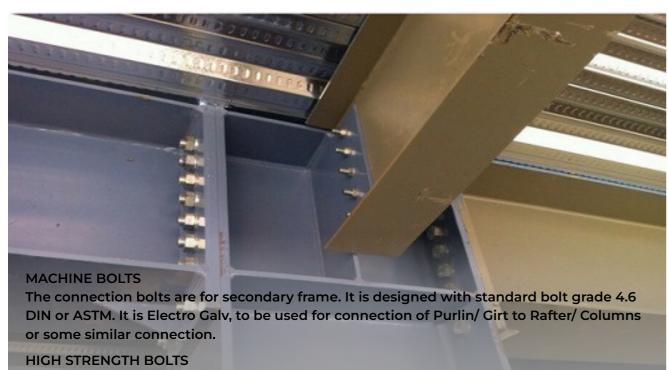




I STYLE ANCHOR BOLTS J STYLE ANCHOR BOLTS



#### 1.5 CONNECTION BOLTS



The bolt for connection of Primary Frame. The high strength bolt as standard of Electrode Galvanized or sometimes are HDG/Bare Black bolt as specified in design. The strength is normally as standard of Grade 8.8, except some special cases of grade 10.9 or S10T, F10T or Torcon Bolts.

















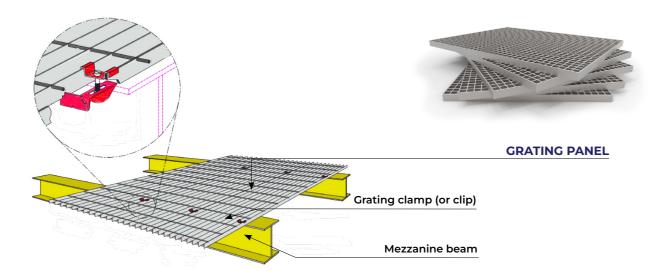


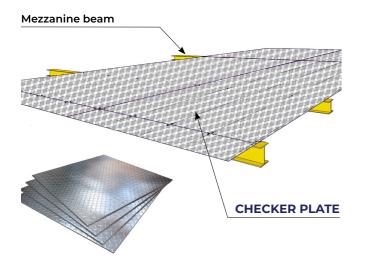


#### 1.6 STEEL MEZZANINE SYSTEM

The mezzanine is made from steel having big advantage of big span, fast progress of construction & low cost. The Mezzanine is mainly included Mezz column (MC), Main mezz beam (MB), Support beam (Mezz Joint MJ) to support floor which is normally by 3 options: - The RC floor with or without decking support.

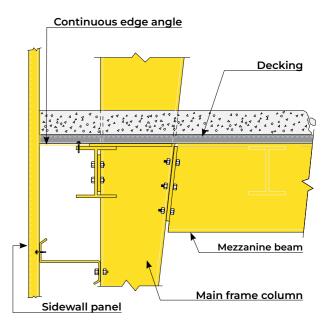


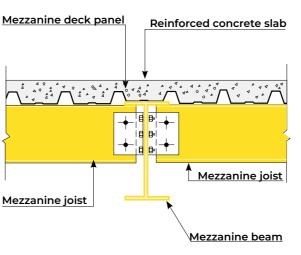














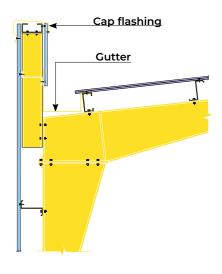




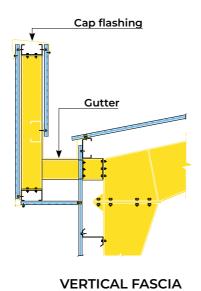




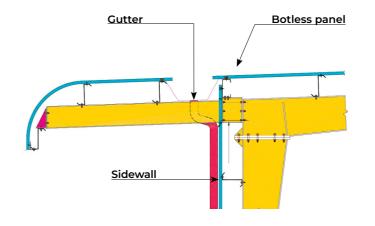
#### 1.7 FASCIA SYSTEM



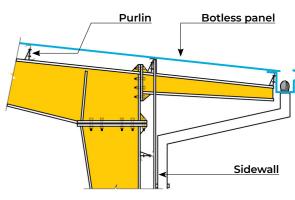
PARAPET FASCIA



1.8 ROOF EXTENSION







SIDEWALL WITH ROOF EXTENTION

31

#### 1.9 ROOF MONITOR

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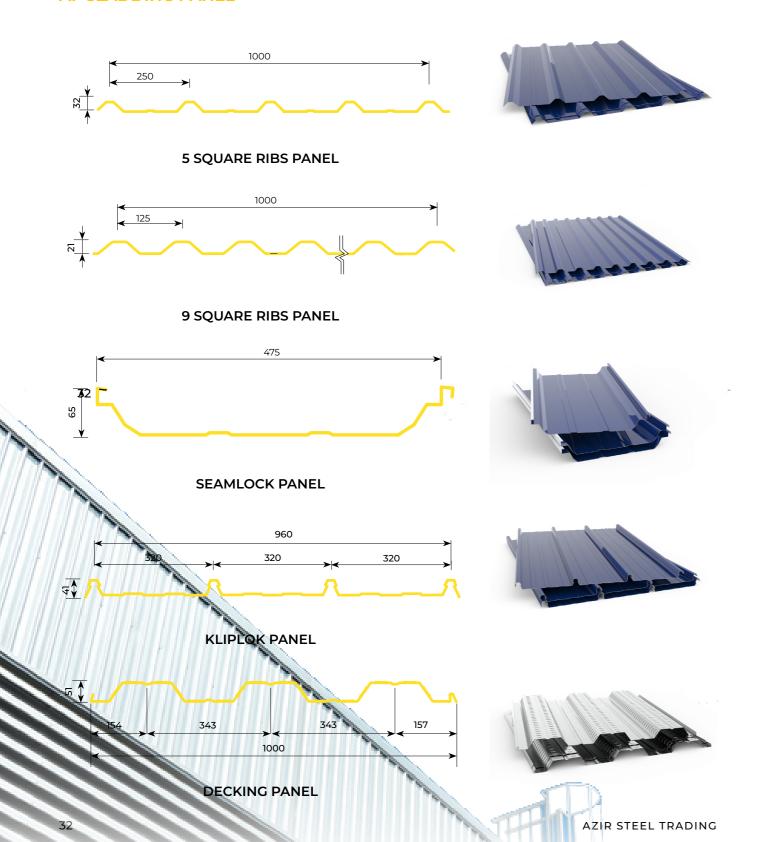


AZIR STEEL TRADING

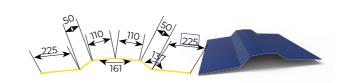
#### 1.10 CLADDING SYSTEM

With experienced employees over 20 years in Pre-Engineered Filed, we will to consult and develop optimal cover system solution & competitive prices for every project (function, location, weather...).

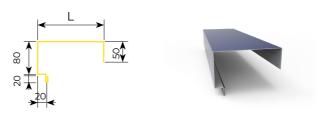
#### A. CLADDING PANEL



#### **B. TRIM**



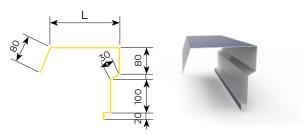
**RIDGE CAP** 



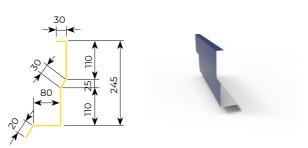
**CAP FLASHING** 



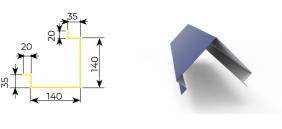
DRIP TRIM



**GABLE TRIM** 

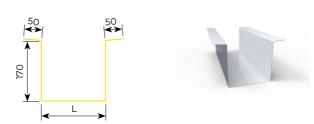


TRANSFER FLASHING FOR ROOF MONITOR

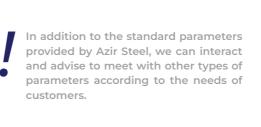


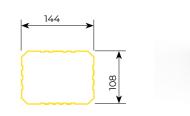
**OUTSIDE CORNER TRIM** 

#### **C. DRAINAGE SYSTEM**

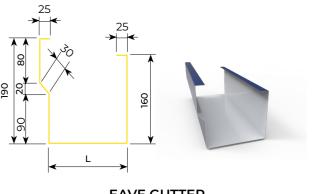


**VALLEY GUTTER** 





**METAL DOWNSPOUT** 

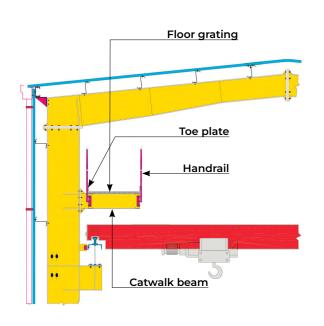


**EAVE GUTTER** 

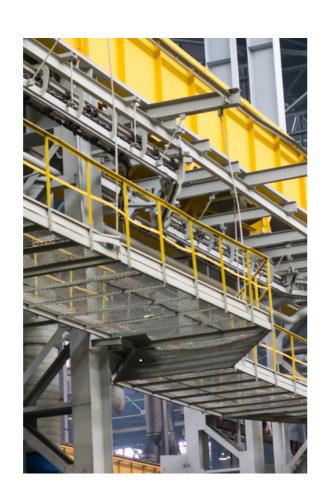
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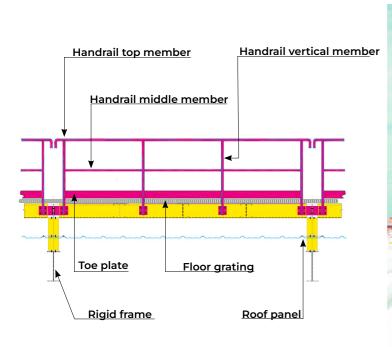
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#### 1.11 STAIRCAGE - HANDRAIL



CATWALKS AT RIGID FRAME COMLUNM

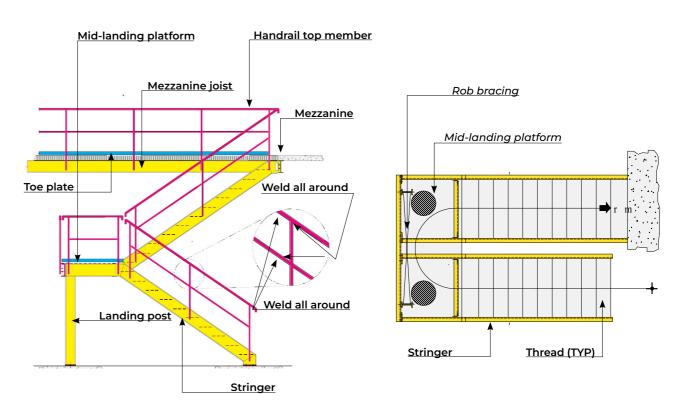




**ELEVATED WALKWAY ON ROOF** 

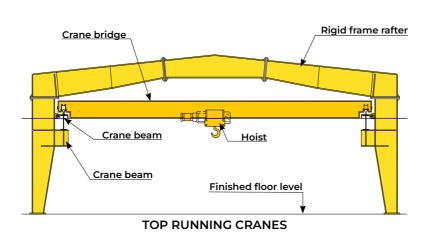




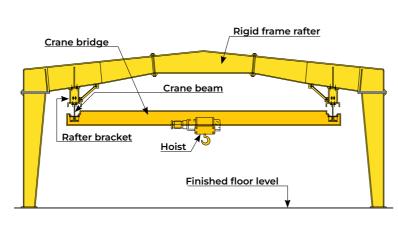


STAIRCAGE & HANDRAIL

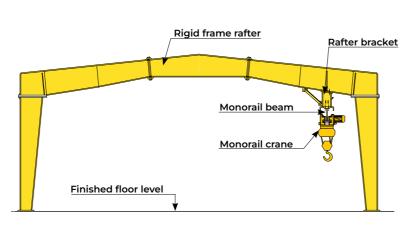
#### 1.12 CRANE SYSTEM







UNDERHUNG CRANES



MONORAIL CRANES

#### 1.13 FINISHING ACCESSORIES





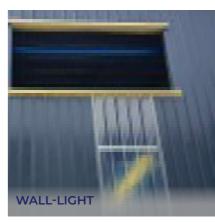
















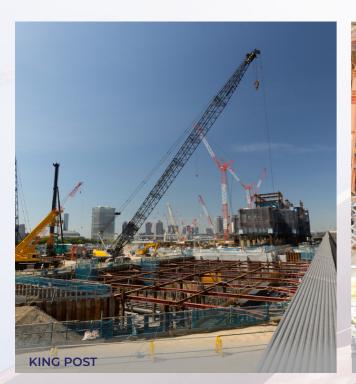




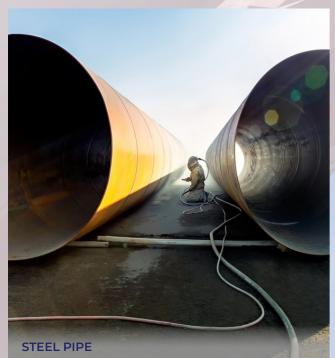
### 2. Other steel structures

#### 2.1 STEEL STRUCTURE FOR HIGH-RISE BUILDING

This type of Product is having its general characteristic as heavy members, very thick member size and without painting. The popular product is Kingpost, shoring system,...









#### 2.2 SPECIAL STEEL STRUCTURE

This is special product for projects of such as pipe rack structure, conveyor system, M&E support, bridge...













# Why choose Azir Steel?

### "SINGLE RESPONSIBILITY"

**FABRICATION & CLOSE QUALITY CONTROL DESIGN FOLLOW** INTERNATIONAL STANDARD CODE CONSULTING & DESIGN SHOP DRAWINGS DESIGN **MODELING BY 3D OPTIMAL SOLUTION** 

REPUTATION MATERIALS, **CLEAR ORIGINAL** SAFETY ERECTION, **HIGH QUALITY** FLEXIBLE TRANSPORTATION METHOD, TO SYNCHRONIZE TO ERECTION SITE WORK LONG TERM WARRANTY/ MAINTENANCE

**SOLUTION ORIENTED** 



# OPTIMAL DESIGN, SYNCHRONOUS DOCUMENTS

### **DESIGN CODE**

Structural design
Shop Drawing
Cold-form section design
Approval drawing & other drawings

NSCP 2015 AISC360 - 05 ASD ASCE 7-05 MBMA 2006 AISI 2001 NAS AWS D1.1/1M:2015 NSCP 2015 -NATIONAL STRUCTURAL CODE OF THE PHILIPPINES



National Structural Code of the Philippines

ASCE - AMERICAN SOCIETY OF CIVIL ENGINEERS



Minimum input loads for buildings and other structures

MBMA - METAL BUILDINGS
MANUFACTURERS ASSOCIATION



Low Rise Building System Manual

IBC - INTERNATIONAL BUILDING CODE



Reference for Loading

AISC – AMERICAN INSTITUTE OF STEEL CONSTRUCTION



Consult to technical design by Allowable Stress

AISI – AMERICAN IRON & STEEL INSTITUTE



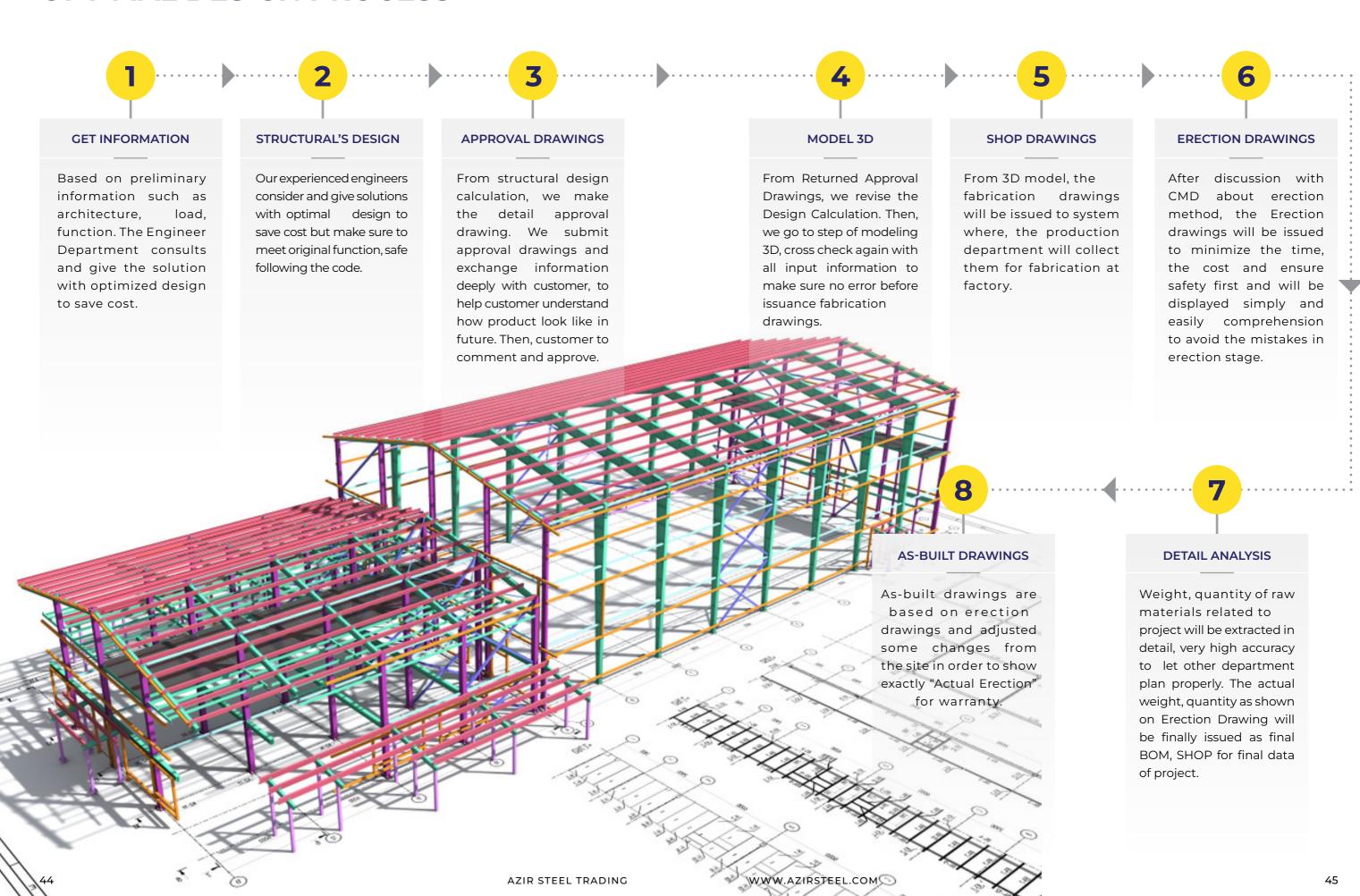
Cold Form steel design manual

**AWS - AMERICAN WELDING SOCIETY** 



Structural welding code-steel manual

#### **OPTIMAL DESIGN PROCESS**



### **RAW MATERIALS**

- + Variety types
- + Reputation sources
- + Clear original certificate
- + Comply to many standards

**ASTM:** American Society for Testing & Material

JIS: Japanese Industrial Standards

**EN:** Europe Standard

**GB**: Chinese Standards

**TCVN:** Vietnamese Standard



High grade material that comply with multi-national standards. Azir Steel's material standard.

TYPE	STEEL GRADE/ SPECIFICATION	YIELD STRENGTH Fy	TENSILE STRENGTH Fu
STEEL PLATE (BUILT-UP MEMBERS)	SS400, Q235, ASTM A36 SM490, Q345, ASTM A572 Gr. 50	Fy = 235 Mpa Fy = 345 Mpa	Fu = 400 Mpa Fu = 450 Mpa
SHAPE STEEL (HOT-ROLL MEMBERS)	SS400, ASTM 36	Fy = 235 Mpa	Fu = 400 Mpa
COLD-FORM MEMBERS	JIS G3112, ASTM G340/G450	Fy = 340 Mpa Fy = 450 Mpa	Fu = 450 Mpa
ROUND BAR/ ANGLE BRACING	SS400, ASTM A36	Fy = 235 Mpa	Fu = 400 Mpa
CABLE BRACING	EN, GB, JIS		Fu = 1470 Mpa
ANCHOR BOLTS	SS400, ASTM A36 – Grade 4.6 (Or Equivalent)	Fy = 235 Mpa	Fu = 400 Mpa
HIGH STRENGTH BOLT	ASTM-A325 or DIN Grade 8.8 (or Equivalent)		Fu = [710 – 830] Mpa
BOLT	A307, DIN 976-1 Grade 4.6 (or Equivalent)		Fu = 400 Mpa
CLADDING PANEL	G300/ G350/ 550	Fy = 300 Mpa Fy = 350 Mpa Fy = 550 Mpa	



Beside the standard specification above, Azir Steel is able to provide many other specifications to meet project's requirement.



# **FACTORY**

- + Factory new machine
- + Sufficiently production layout
- + High-skill labor
- + Modern machinery

The FACTORY is located at My Phuoc 3 IP, Binh Duong Province, Viet Nam where has a lot of high-skill labors in steel fabrication and convenient traffic.

The distance is around 1h traffic from the airport, seaport.

Capacity: 1,000 Tons/Month

Production machinery is new, layout is arranged tidily.































































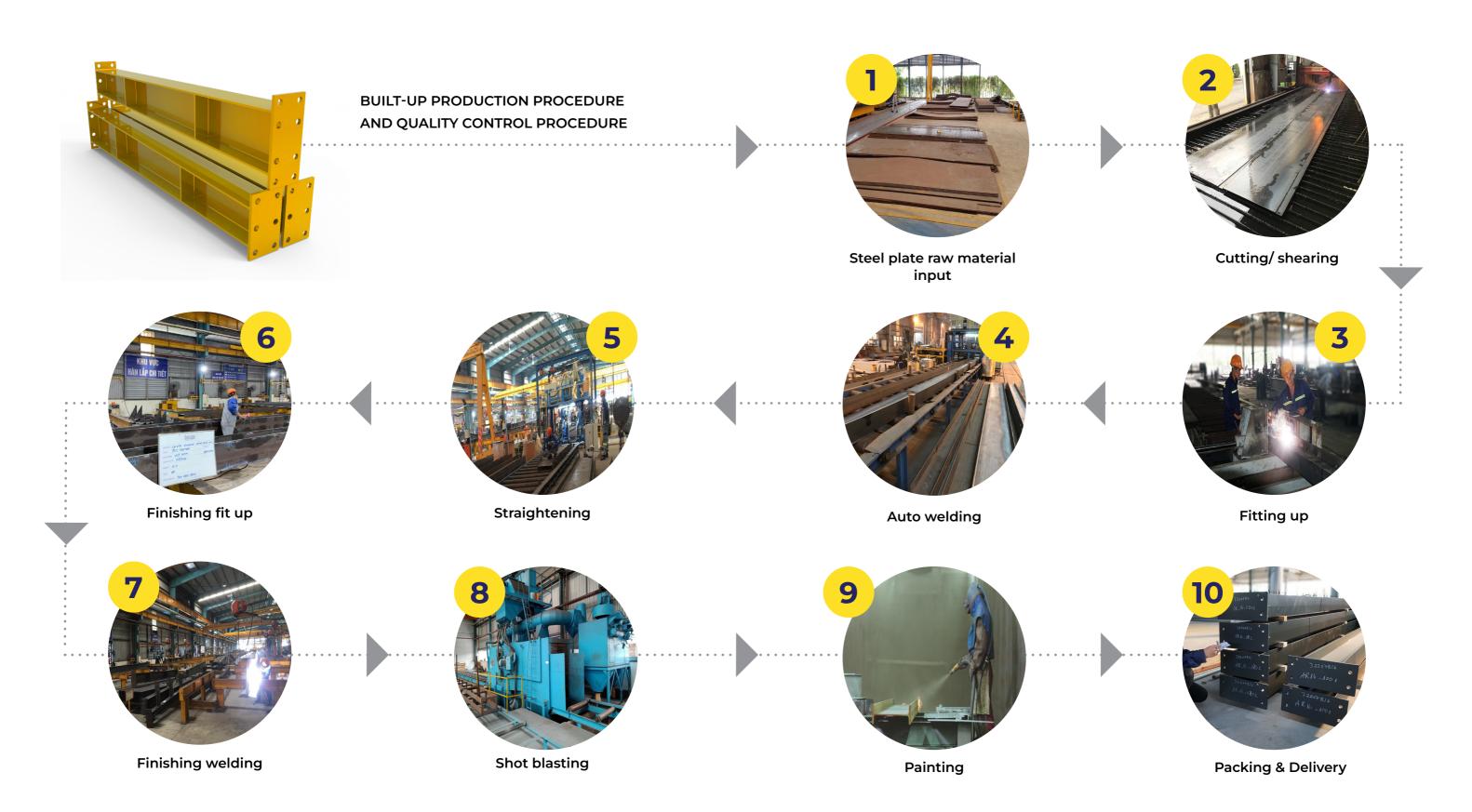




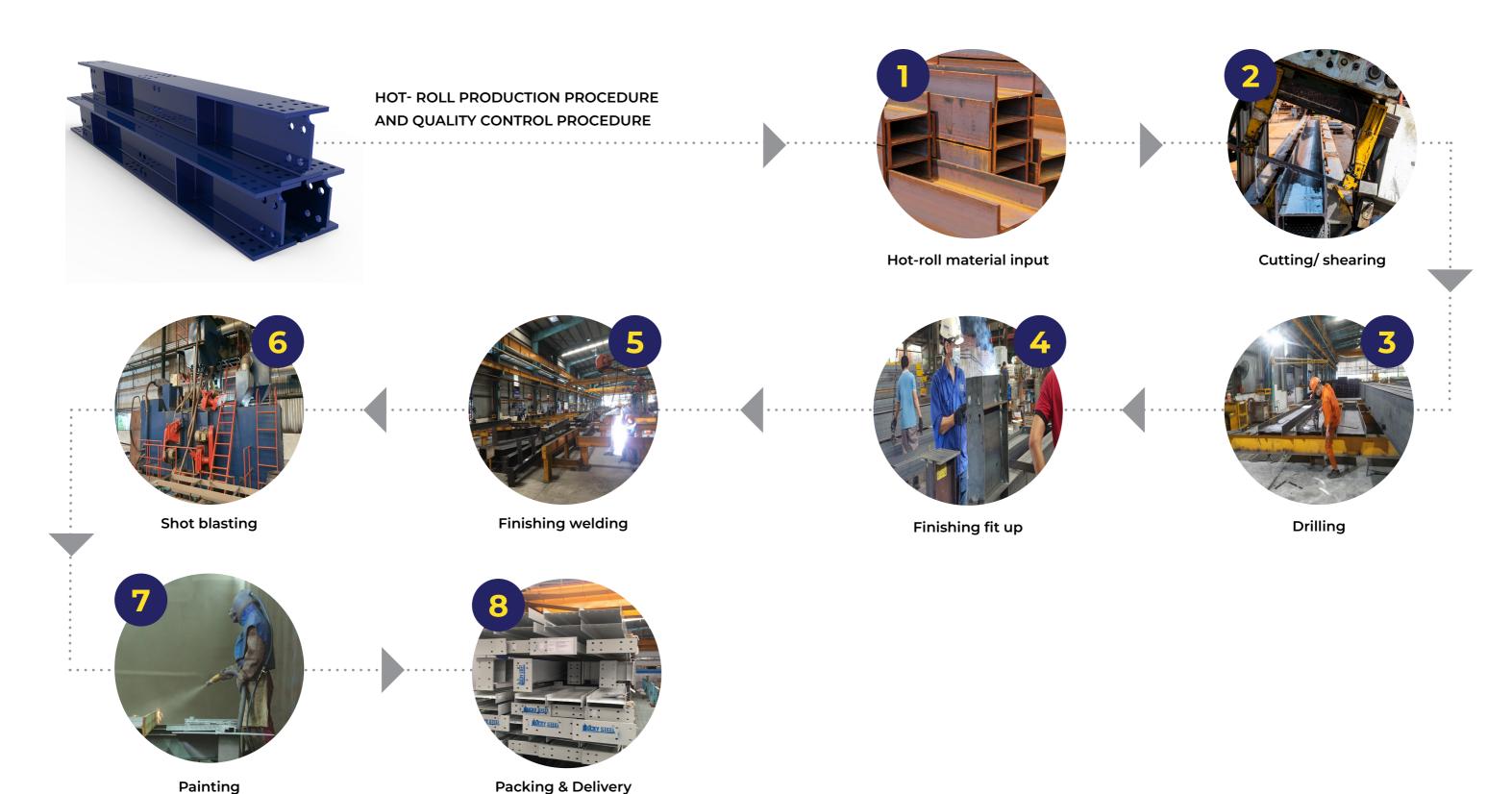




# CONTROL THE PRINCIPAL FABRICATION TIGHTLY WITH STANDARD PROCEDURE



# CONTROL THE PRINCIPAL FABRICATION TIGHTLY WITH STANDARD PROCEDURE







# Frofessional management, flexible operation Supportive - cooperative, solution mind set + Ekip engineers with rich experience + Well following up & well manage + Cooperatively, flexibly project + With experience from many big, from beginning design to hand for all key functional work manangement between customer complex projects

and site team

over



## **CUSTOMERS & PARTNERS**

































































# **FEATURE PROJECTS LIST**

No.	Projects & constructions	Scales (mt, m²)	Location	Scope of work
1	TayTay Warehouse	11.000 <b>m</b> ²	Philippines	Design, Fabrication, Erection
2	Ereid Referral Center Buildings	301MT	Philippines	Design, Fabrication, Erection
3	Las Terrazas	46MT	Philippines	Design, Fabrication, Erection
4	Motor Pool	98MT	Philippines	Design, Fabrication, Erection
5	Marawi Stadium	295MT	Philippines	Design, Fabrication, Erection
6	Convention	249MT	Philippines	Design, Fabrication, Erection
7	Casa Bella	1.100 <b>m</b> ²	Philippines	Design, Fabrication, Erection
8	Adela Hospital	90MT	Philippines	Design, Fabrication, Erection
9	DCCC Warehouse	4.950 <b>m</b> ²	Philippines	Design, Fabrication, Erection
10	Timber City Academy	24.600 <b>m</b> ²	Philippines	Design, Fabrication, Erection
11	Motor Pool Tagum	1440 <b>m</b> ²	Philippines	Design, Fabrication, Erection
12	FGR	1480 <b>m</b> ²	Philippines	Design, Fabrication, Erection
13	City Hardware Ipil	7.920 <b>m</b> ²	Philippines	Design, Fabrication, Erection
14	TDH	311MT	Philippines	Design, Fabrication, Erection
15	Texhong Ngan Ha	35.000 <b>m</b> ²	Quang Ninh, Viet Nam	Design, Fabrication, Erection
16	Teddy Grand World	34MT	Phu Quoc, Viet Nam	Fabrication Steel Structure
17	JSW	115MT	USA	Fabrication Steel Structure
18	Tempered Glass Factory	167MT	Kien Giang, Viet Nam	Design, Fabrication, Erection
19	Perstima	680MT	Philippines	Fabrication Steel Structure
20	Textitle Factory - Phase 1	10.600 <b>m</b> ²	Quang Ninh, Viet Nam	Design, Fabrication, Erection
21	Surathani Warehouse	25MT	Thailand	Fabrication Steel Structure
22	Bac Giang Textile	12.400 <b>m</b> ²	Quang Ninh, Viet Nam	Design, Fabrication, Erection
23	Hoa Sen Kindergarten	1.350 <b>m</b> ²	Kien Giang, Viet Nam	Design, Fabrication, Erection
24	Lida Factory	6.000 <b>m</b> ²	Dong Nai, Viet Nam	Design, Fabrication, Erection

No.	Projects & constructions	Scales (mt, m²)	Location	Scope of work
25	AK Warehouse	63MT	Guam, USA	Fabrication Steel Structure
26	Severstal	72MT	Russia	Fabrication Steel Structure
27	Genpack Expansion	45MT	Papua New Guinea	Fabrication Steel Structure
28	Farm House	25MT	Singapore	Fabrication Steel Structure
29	Arcelor Mittal Vega	250MT	Brazil	Fabrication Steel Structure
30	Mezzanine Cansport Factory	44MT	Cambodia	Fabrication Steel Structure

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#### **TAYTAY WAREHOUSE**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 11,000m<sup>2</sup> Q2/2021



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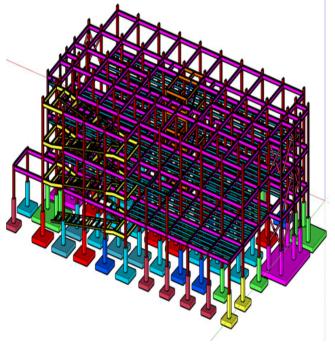
#### **EREID REFERRAL CENTER BUILDINGS**

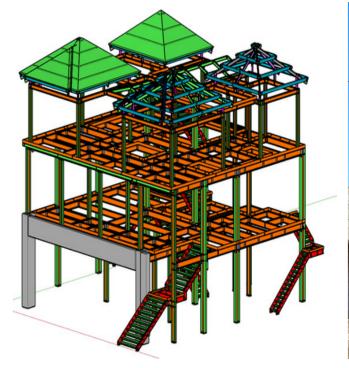
Location Scope of work

Philippines Fabrication Steel Structure

Scales Progress 300MT Q2/2021









#### LAS TERRAZAS

Location

Philippines

Scales

46MT

Scope of work

Design, Fabrication, Erection

Progress Q3/2021





#### **MOTOR POOL**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 98MT Q2/2021









#### **MARAWI SARIMANOK SPORTS STADIUM**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 295MT Q4/2021





#### **CONVENTION**

Location Scope of work

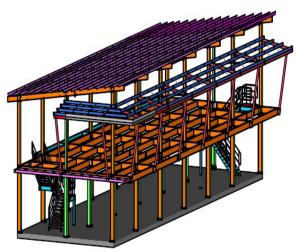
Philippines Design, Fabrication, Erection

Scales Progress 250MT Q4/2021









#### **CASA BELLA**

LocationScope of workPhilippinesDesign, Fabrication, Erection

Scales Progress 1,100m<sup>2</sup> Q4/2021



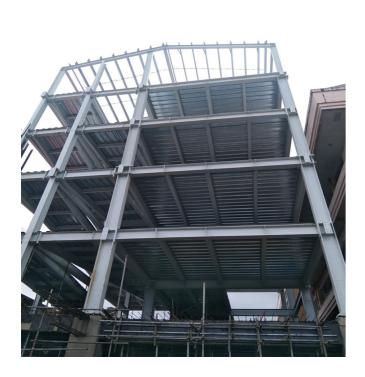


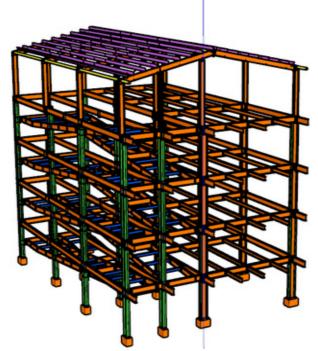
# **ADELA HOSPITAL**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 90MT Q4/2021









#### **DCCC WAREHOUSE - PHASE 1**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 4,950m<sup>2</sup> Q4/2021



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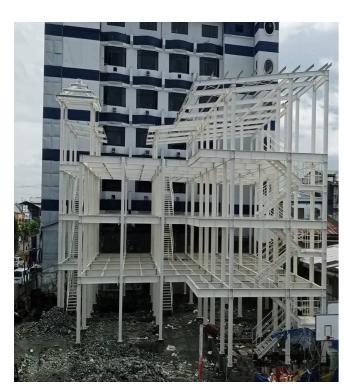


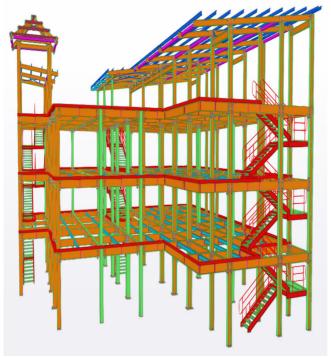
### **TIMBER CITY ACADEMY**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 24,600m<sup>2</sup> Q4/2021









### **MOTOR POOL TAGUM**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 1,440m<sup>2</sup> Q4/2021



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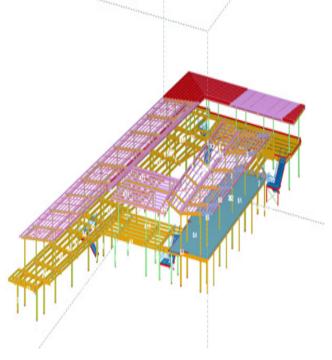
### **FGR COMMERCIAL COMPLEX**

Location Scope of work

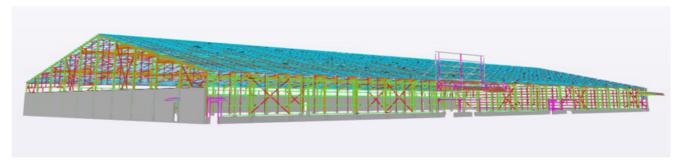
Philippines Design, Fabrication, Erection

Scales Progress 1,480m<sup>2</sup> Q1/2022









#### **CITI HARDWARE - IPIL**

Location Scope of work

Philippines Design, Fabrication, Erection

Scales Progress 24,600m<sup>2</sup> Q4/2021



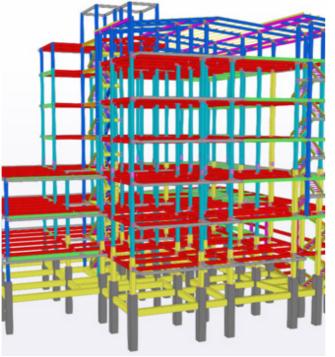


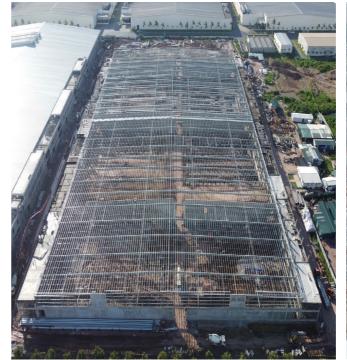
# **TACURONG DOCTORS HOSPITAL (TDH)**

LocationScope of workPhilippinesDesign, Fabrication, Erection

Scales Progress 1,440m<sup>2</sup> Q4/2021









#### **TEXHONG NGAN HA**

LocationScope of workQuang Ninh, Viet NamDesign, Fabrication, Erection

Scales Progress 35,000m2 Q2/2022





### **TEDDY BEAR MUSEUM GRAND WORLD**

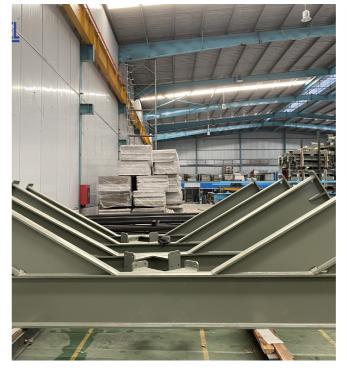
Location Scope of work

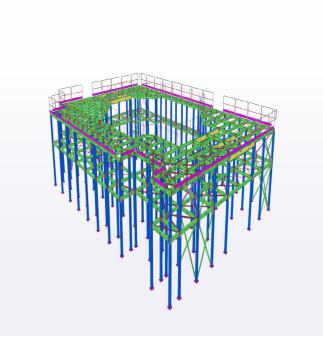
Phu Quoc, Viet Nam Fabrication Steel Structure

Scales Progress 45MT Q3/2022









#### **JSW**

Location Scope of work

USA Fabrication Steel Structure

Scales Progress 1.050m<sup>2</sup> Q4/2020





# **TEMPERED GLASS FACTORY**

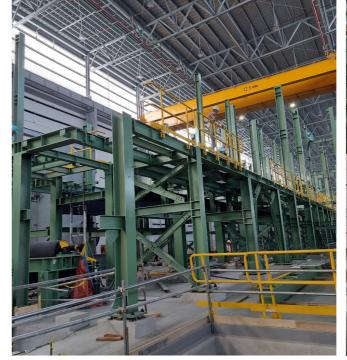
Location Scope of work

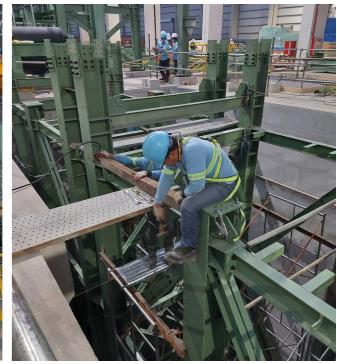
Kien Giang, Viet Nam Design, Fabrication, Erection

Scales Progress 10,000m2 Q1/2021









#### **PERSTIMA**

Location Scope of work

Philippines Fabrication Steel Structure

Scales Progress 723MT Q1/2021





#### **TEXTITLE FACTORY - PHASE 1**

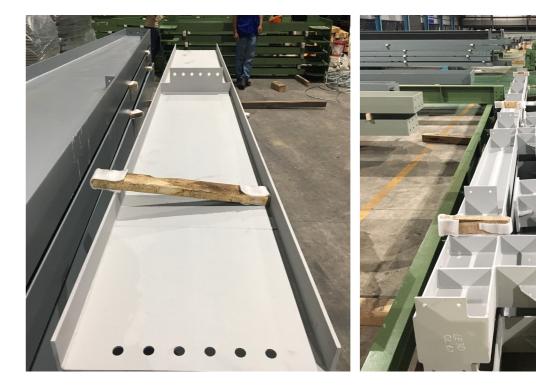
Location Scope of work

Quang Ninh, Viet Nam Design, Fabrication, Erection

Scales Progress 12,000m2 Q4/2020







#### **SURATHANI WAREHOUSE**

Location Scope of work

Thailand Fabrication Steel Structure

Scales Progress 650m<sup>2</sup> Q2/2021





# **BAC GIANG TEXTILE FACTORY - PHASE 2**

**Location**Quang Ninh, Viet Nam

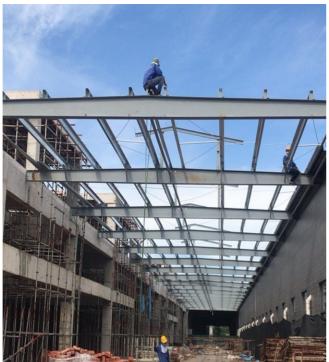
Scope of work

Design, Fabrication, Erection

Scales 12,400m2

Progress Q2/2021









#### **HOA SEN KINDERGARTEN**

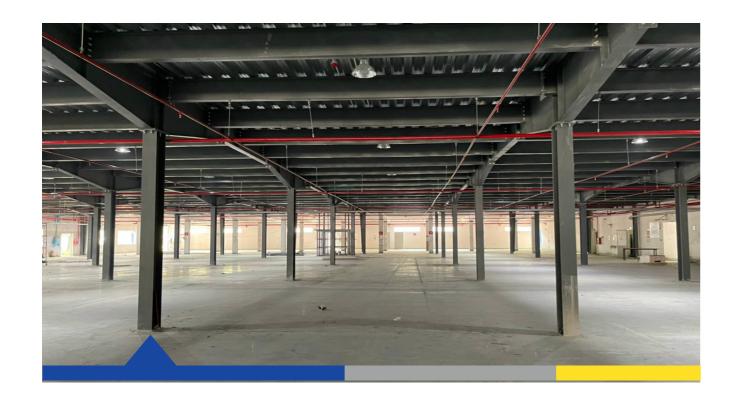
**Location**Kien Giang, Viet Nam

Scope of work

Design, Fabrication, Erection

Scales 3,600m2 Progress Q2/2021





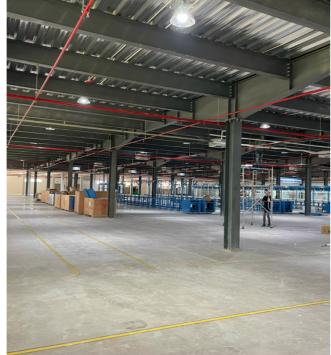
### **LIDA FACTORY**

Location
Dong Nai, Viet Nam

Scope of work
Design, Fabrication, Erection

Scales 6,000m2 Progress Q2/2021









## **AK WAREHOUSE**

Location Guam, USA Scope of work
Fabrication Steel Structure

Scales 63MT Progress Q2/2021





### **SEVERSTAL**

Location Scope of work

Russia Fabrication Steel Structure

Scales Progress 72MT Q2/2021









### **GENPACK EXPANSION**

LocationScope of workPapua New Guinea (PNG)Fabrication Steel Structure

Scales Progress 45MT Q3/2021



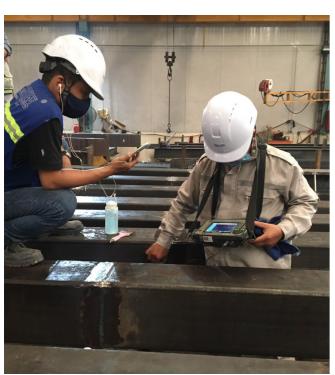


## **FARM HOUSE**

Location Scope of work

Singapore Fabrication Steel Structure

Scales Progress 25MT Q4/2021









## **ARCELOR MITTAL VEGA**

Location Scope of work

Brazil Fabrication Steel Structure

Scales Progress 250MT Q3/2021





### **MEZZANINE CANSPORT FACTORY**

Location Scope of work

Cambodia Fabrication Steel Structure

Scales Progress 1,200m2 Q3/2021







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