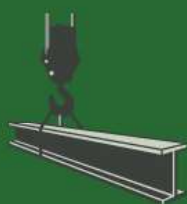




TIGER STEEL BANGLADESH LTD.



your partner in quality steel solutions



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INTRODUCTION

Tiger Steel Bangladesh Ltd.(TSBL) incorporated in Bangladesh response to the increasing demand for quality Pre-Engineered steel building especially in the industrial sector.

TSBL is looking for to managing, seeking expertise and obtaining technology to provide Engineering solution by supplying steel building systems with quality and best customer services.

TSBL is designing Pre -Engineered steel building conforming the Standard Codes with modern technology with a motto of change in the usages of traditional construction materials. Usually Pre Engineered steel buildings are always preferred for factories, warehouses, hall rooms, workshops, aircraft hangers, office buildings, commercial showrooms, distribution centers, supermarkets, restaurants and residential buildings.

TSBL aims to be recognized as the leading one -stop total solution provider in the field of steel buildings. Innovation of Customer Oriented Manufacturing Enhancement (COME) program is the cornerstone of the company's manufacturing philosophy. This process helps Customer Orders to be realized into finished products in the shortest possible time, whereby customers are able to schedule their construction programs more effectively.

We believe that by providing state -of -the - art technology, industry leading expertise and high quality support services, we will not only sustain our leadership in pre- engineered steel building construction business in Bangladesh but will reach even newer heights of professional excellence. It is this quest for excellence that has already earned the Company recognition and goodwill amongst leading business houses of the country.

Our investment in well-groomed human resource and state-of-the-art technology is definitely poised to meet the challenges of the 21st century and create an impact on the economy of Bangladesh.

Customer satisfaction, trouble free construction, accurate fit of components are priorities of TSBL regardless of the complexity of the project, thus resulting in reduced on -site erection cost in terms of time and money.



WHY TIGER STEEL BANGLADESH LTD.?

CONSISTENT PRODUCT QUALITY

ZINCALUME & COLORBOND steel as ingredient material for roofing and wall cladding application.

COMPREHENSIVE MATERIAL PACKAGE

Complete building shed
Accessories

COST COMPETITIVENESS

Single source responsibility
Reduced manpower and requirement needs
Design flexibility
Less time-consuming

FLEXIBILITY

Design layout based upon process requirements
Architectural flexibility
Highly adaptable for future expansion
(during specification and erection)

ENGINEERING CAPABILITIES

From concept to final design
Fully staffed engineering team

MANUFACTURING CAPABILITIES

Product flexibility
Reduced time frame

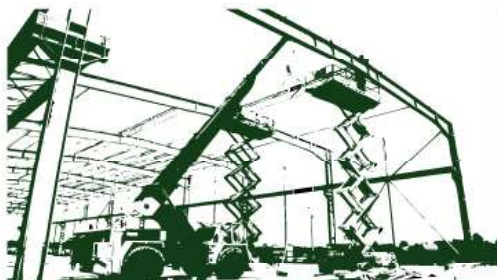
ERECTION CAPABILITIES

Builder network including fully trained erectors
Knowledge of local codes
Knowledge of local construction methods

TRANSPORTATION CAPABILITIES

Dedicated transportation specialist for timely delivery.





COMPANY

INFORMATION

NAME OF THE COMPANY :
TIGER STEEL BANGLADESH LTD.

CORPORATE OFFICE ADDRESS :
House # 167, Flat # D-1, Road # 03, New DOHS
Mohakhali, Dhaka-1206, Bangladesh
Phone : +88-02-8872497
Cell : +88-01911224988, +88-01730021369
E-mail : tigersteelbd@yahoo.com, info@tigersteelbd.com
Website : www.tigersteelbd.com

CHITTAGONG OFFICE :
Chowdhury Chamber
Sheikh Mujib Road, Agrabad
Chittagong, Bangladesh

FACTORY AREA : 30,000 sft.

FACTORY ADDRESS :
Teghoria, South Keranigong
Dhaka-Mawoa road, Dhaka

COMPANY REGISTRATION NO : C-76491/09

TIN CERTIFICATE NO : 227354435746

TRADE LICENSE NO : 03-00787

PRINCIPAL BANKERS : CITY BANK LTD.
SOUTHEAST BANK LTD.
BRAC BANK LTD.

PRODUCTION CAPACITY : 15,000 MT/Year

FIELD OF ACTIVITIES :
Planning, Design & detailing, Fabrication, Supply & Erection of
Pre-Engineered Steel Buildings, Supply of necessary steel Materials.





VISION

MISSION STRENGTH

PROFESSIONAL SALES & CUSTOMER SERVICE
EXPERTISE IN ENGINEERING | SOFTWARE & DESIGN

VISION

To sustain the leadership in pre-engineered steel building products in Bangladesh and upgrade the industry through our state-of-the-art technology, industry leading expertise and high quality support services.

MISSION

To continuously find ways to improve overall industry performance.
To have respect for and understanding of the people with whom we work.
To maintain a high level of integrity and open communication in all our relationships.
To continuously look into innovation to develop the most effective solutions.

STRENGTH

Best Possible Product at TIGER STEEL BANGLADESH LTD (TSBL). we produce quality products by using the best engineering software developed globally. Moreover, we have chosen the best and latest high-tech machinery to deliver high quality products to our customers. We have a highly experienced quality conscious workforce and maintain Quality Control (QC) operation at every stage of production.

PROFESSIONAL SALES & CUSTOMER SERVICE

Our customer oriented Sales Engineers are always at hand to attend any queries with the utmost attention to details. The highly professional Customer Service Department minutely looks into each project to offer the most economic solution to clients' need. Proposals generated by TIGER STEEL BANGLADESH LTD (TSBL) Sales & Customer Service Team fulfill customers' requirements, as truly professional offers are generated that not only contain competitive pricing but also include detailed drawings. As a result, the customers get a true picture of the proposal for assessment at their end.

EXPERTISE IN ENGINEERING

TSBL has a host of qualified and professional engineers who have had years of experience in the construction business of the country. Excellence in Co-ordination and Team work The Project Department ensures that smooth co-ordination is achieved between Sales, Engineering, Production Departments and customers. The co-ordination is done on a daily basis and starts from the point of sales till conclusion of building erection. This co-ordinated effort helps in smooth running of projects and keeping customers updated on the progress of their construction work.

SOFTWARE & DESIGN

We emphasize more on quality in design. We have our own licensed Software like STAAD-Pro, ETABS, TEKLA, SAP, Quick Series which are widely used in our design section. We always try to procure latest design manuals for our designers. We have latest Steel Construction Manuals: AISC Steel Construction manual Vol -13, MBMA Metal Building System Manual, Edition 2002, AISI Structural Welding Code -Steel, Edition : 2006.

KEY STATISTICS ABOUT...

TIGER STEEL BANGLADESH LTD. (TSBL)

Industry : Pre-Fabricated Steel Building

Architectural Consultancy Interior & Exterior, and Civil Construction.

Type	: Limited
Held Status	: Operating
Company Size	: 60 employees
Founded	: 2009
Website	: http://www.tigersteelbd.com

PRE- ENGINEERING FIRM - TURN YOUR IDEAS INTO REALITY

TSBL is a leading Pre Fabricated steel engineering Firm based in Dhaka.

TIGER STEEL BANGLADESH LTD.

caters to the Designing requirements of the local & global clients.

OUR TIGER STEEL BANGLADESH LTD. ENCOMPASS DIFFERENT AREA AS BELOW...

- Pre-Fabricated Steel Building
- Civil Construction
- Architectural Drawing (Interior & Exterior)
- 3D Soluation
- Structural Design
- Electrical Design
- Plumbing Design
- Landscape Design
- Construction Documents
- Floor Plans and Elevations



DESIGN CODE

All building including in this proposal are designed for the following load.

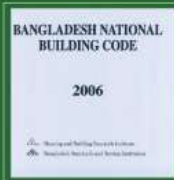
Design Dead Load (kN/m ²)	= Self weight of Building
Design Live Load (kN/m ²) on Roof	= 0.57
Design Live Load (kN/m ²) on Mezzanine Floor	= As Per Floor Occupancy
Collateral Load (kN/m ²)	= As per Requierment
Wind Speed (kmph)	= Depends on wind zone
Earthquake Zone (Z=)	= Depends on earthquake zone
Exposure Type	= A/B/C
Structural Importance Factor (I)	= As Per Building Occupancy

WORKING SCOPES

DESIGN

All structural analysis is performed by structural software like STAAD Pro, ETABS v 2.7.8. Designs of those structures are performed manually according AISC & BNBC guideline. AISC-ASD formulas have been used for design. Designs are also checked by software. All detailing are performed by AutoCAD Latest Version.





▪ **THE BUILDINGS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:**

- Bangladesh National Building Code (BNBC-2006)
- International Building Code "IBC-2009"
- Metal Building Manufacturers Association (MBMA)
- 2006 Metal Building Systems Manual (MBSM)



▪ **ASCE-7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
LATEST EDITION: 2005**

- American Society of Civil Engineers (ASCE)
- 2005 Manual of Steel Construction- Allowable Stress Design (ASD)
- 2003 Manual of Steel Construction- Load Reduction Factor Design (LRFD)



▪ **STRUCTURAL ANALYSIS, DESIGN AND DETAILING IS DONE BY THE AID OF
FOLLOWING SOFTWARES:**

- STAAD. Pro V8i
- STAAD FOUNDATION 5.0
- ETABS 2016
- SAP-14
- AutoCAD 2007, 2010 & 2016
- Tekla Structures 21.0



▪ **COLD FORMED MEMBERS ARE DESIGNED IN ACCORDANCE WITH:**

- 2002 Edition of Cold Formed Steel Design Manual
- American Iron and Steel Institute (AISI)



▪ **WELDING IS APPLIED IN ACCORDANCE WITH:**

- American Welding society (AWS), Edition-2010

HOT-ROLLED MEMBERS

SI	MATERIALS	SPECIFICATION	MINIMUM STRENGTH
01	Beam & Column	ASTM A 572M Grade 345 Type1 y	F = 34.5 KN/cm ²
02	Tube	JIS G 3466STKR 490 y	F = 32.5 KN/cm ²
03	Channels	EN 10025 S355JR y	F = 35.5 KN/cm ²
04	Space Frames	JIS G 3444STK 500 y	F = 35.5 KN/cm ²
05	Handrails	ASTM A 53M Type E or S Grade A y	F = 20.5 KN/cm ²

MATERIAL SPECIFICATION :

SI	COMPONENTS	SPECIFICATIONS	STRENGTH
01	Built-up Section	M.S. Plate - ASTM A570 – 50	Fy = 345 MPa
01	Purlin and Girt	Rolled Formed steel. Minimum yield stress 345 MPa	Fy (min) = 345 MPa
03	Exterior Roof and Wall Cladding including Gutter, Down Pipe, Capping, Flashing etc. (Painted)	Hi-Ten Painted 0.47mm thick Steel Profile Sheets with min. yield strength of 550 N/mm ² coated with an alloy of 55% aluminum, 45% Zinc, coating mass shall be 150 gm/m ² conforming to Australian standard AS1397 : 1993-G550-AZ150.	Fy = 550 N/mm ²
04	Anchor Bolts	Galvanized/Naturally Quenched Black	Fy = 24.50 kN/cm ² Fy = 35.0 kN/cm ²
05	Bubble (McCool) Insulation	a) Roll Size – 55M × 1.20M b) Thermal Conductivity – 0.001 W/m.k at 30°C c) Heat Resister: 2.98	
06	Translucent Sheet for Sky Light	2 mm thick Fiber Glass profile sheets made of UV-Resistance Resin.	
07	High Strength Bolts	A325 M Type 1 Hot Dip Galvanized / Naturally Quenched Black	Ft = 55 kN/cm ²
08	Fastener	Imported heavy duty Hex head self tapping screws with Neoprene washer	Screw Gauge 12 = 5.43mm Tensile Breaking load = 1852 kg Pull out load = 148 kg (Test plate = steel A36 5mm thick)

VALLEY GUTTERS

SI	MATERIALS	SPECIFICATION	MINIMUM STRENGTH
01	Galvanized Steel	ASTM A 653M SS Grade340 Class1. Z275	Fy = 34.0 KN/cm ²

SHEETING & LINER PANELS

SI	MATERIALS	SPECIFICATION	MINIMUM STRENGTH
01	Zinc alum Steel	ASTM A 792M Grade 345B. AZM 150	Fy = 34.5 KN/cm ²
02	Aluminum	ASTM B 209M Alloy 3003 Temper H-26	Fy = 14.5 KN/cm ²
03	Hi-tensile color coated Steel	ASTM A 792M Grade 345B. AZM 150	Fy = 34.5 KN/cm ²

MEZZANINE DECK PANELS

SI	MATERIALS	SPECIFICATION	MINIMUM STRENGTH
01	Galvanized Steel	ASTM A 653M SS Grade550 Z180	Fy = 34.0 KN/cm ²

MACHINE BOLTS

SI	MATERIALS	SPECIFICATION	MINIMUM STRENGTH
01	Hot dip/Zinc	DIN 933 Class 4.6 / 4.8	Fu = 40.0 KN/cm ²

MATERIALS ORIGIN:

MATERIALS	ORIGIN
M S Plate	Japan, Canada, China
Sheet	Korea, China, India, Malaysia & Japan

SURFACE TREATMENT FOR STRUCTURAL STEEL :

All primary and secondary members will be cleaned and one shop coat painted at our factory with red oxide/ Grey oxide primer. Member, which are galvanized or under any type of per coating will be erased from this preparation.

WE OFFERS FOLLOWING PRODUCTS :

All type of Civil Construction works, Design, Fabrication and Supply of prefabricated steel structure building.

1. Design, Fabrication and Erection of Pre -Fabricated all kinds of Steel Structure.
2. Manufacture and Supply all kind of Pre -Engineered Steel Structure Building (Factory Shed and Multistoried Building).
3. Total consultancy for industrial Project.
4. Site Preparation.
5. Civil Construction work.

ADVANTAGES AND APPLICATIONS

TIGER STEEL BANGLADESH LTD. (TSBL) from its factory delivers uncompromising quality products to meet the growing demand for Pre-engineered and Structural Steel Buildings. The company produces a range of steel product for:

- FACTORY BUILDINGS
- WAREHOUSES
- POWER PLANT SHEDS
- GYMNASIUMS
- POULTRY AND DAIRY FARMS
- COLD STORAGEES
- RAILWAY PLATFORM SHEDS
- OFFICE AND RESIDENTIAL MULTI-STORIED BUILDINGS
- SHOPPING CENTERS
- SHOWROOMS
- SUPERMARKETS
- DISTRIBUTION CENTERS
- AIRCRAFT HANGERS
- EXHIBITION HALLS
- ENTERTAINMENT PARKS
- SCHOOLS AND COLLEGES

SAFETY MEASURES

Safety is a prime focus at TSBL. Apart from following accepted industry standard safety measures in our factory, we religiously follow international safety codes in our structural designs as well.

HEALTH SAFETY

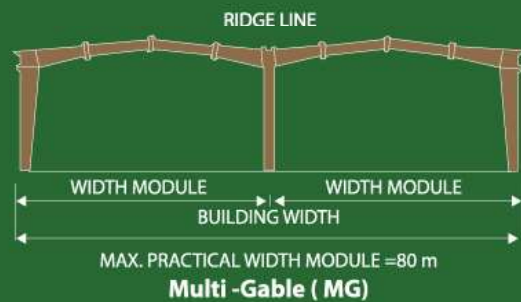
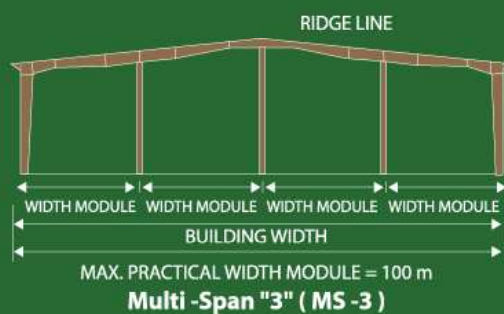
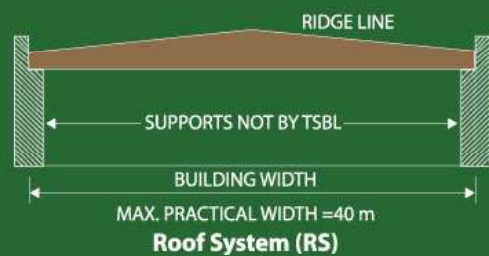
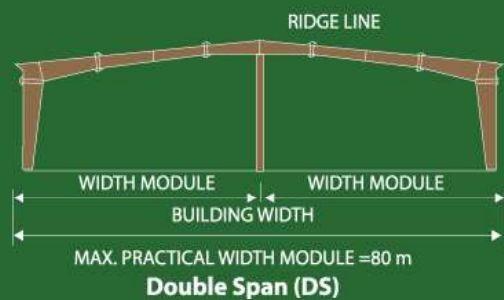
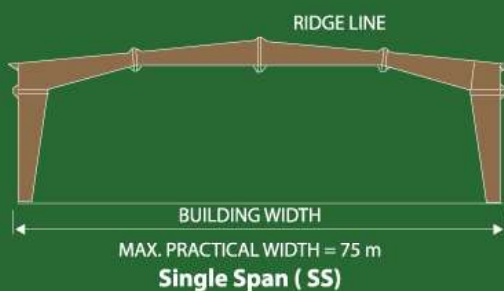
At TSBL, health and safety issues are an integral part of our production process. Continuous improvement in health and safety performance at every level of the Company is our goal of Zero Harm to people.

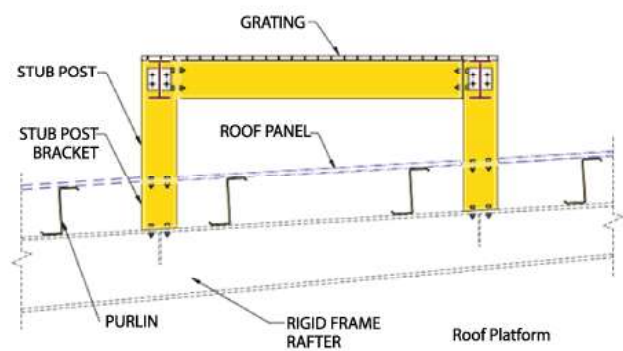
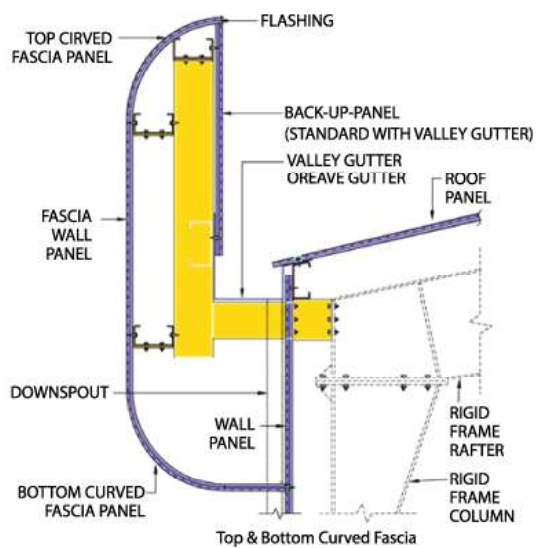
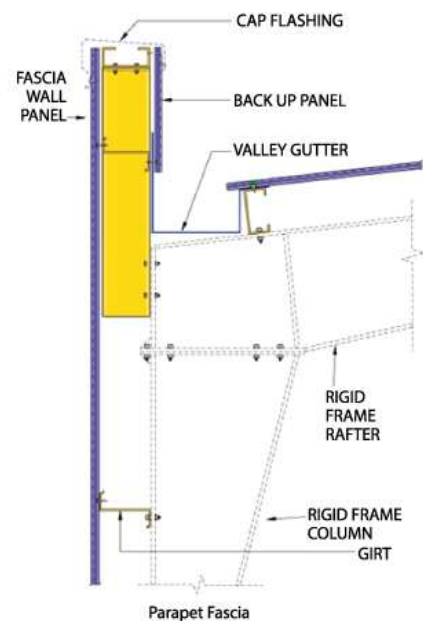
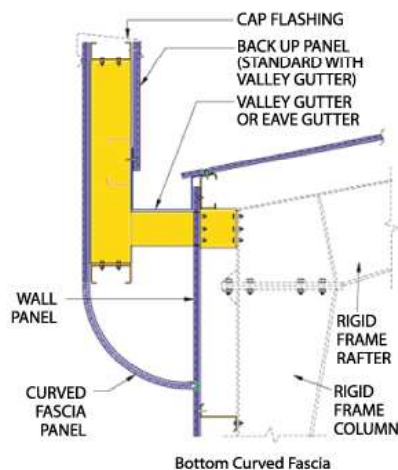
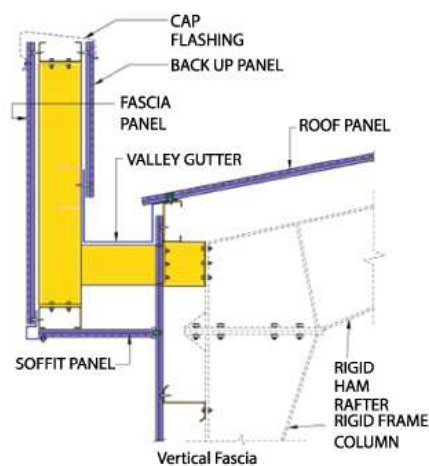
The following beliefs form the basis for achieving our goal of Zero Harm:

- Working safety is a condition of employment
- Employee involvement is essential
- The Management is accountable for safety performance
- All injuries can be prevented
- Training employees to work safely is essential
- All operating exposures can be safeguarded
- Despite all precautions, employees' health liability hospitalization insurance is ensured
- Low cost housing
- Steel Mills
- Hospitals
- Diagnostic Centers
- Bridge Girders
- Water Towers
- Labour Camps
- Steel Platforms
- Steel Over Bridges
- Steel Stairs

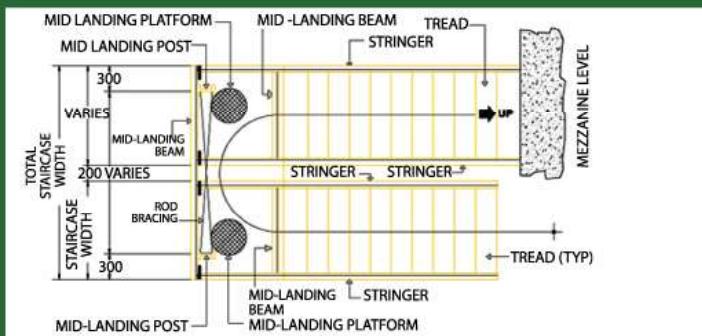
PRIMARY FRAMING SYSTEMS

The commonly used framing systems are described below. Most of the frames are symmetrical about the ridge. Unsymmetrical framing about the ridge and multi- framing systems with unequal width modules are possible also but may require more engineering details as well as longer deliveries. Geometrically any types of frame is possible. TSBL can provide customized frame consulting with client.

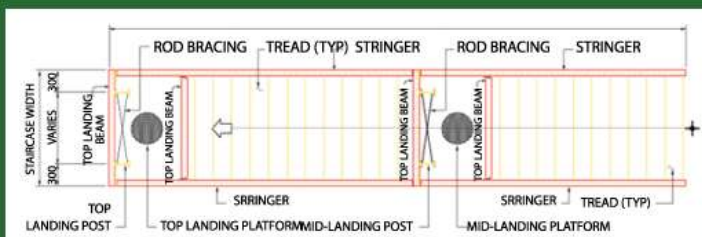




STAIRCASE



PLAN: DOUBLE FLIGHT STAIRCASE



Plan : Single Flight Staircase With Top and Mid-Landing



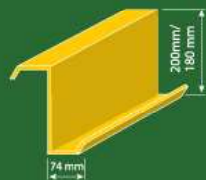
STRUCTURAL COMPONENTS

Primary Built up Members (Minimum yield strength is 34.50 kN/cm²).

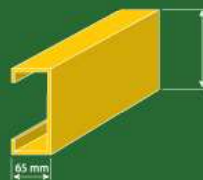
High grade steel plated conforming to ASTM A572 Grade 50. Factory painted with a minimum of 35 microns (DFT) of red oxide primer or any other paint system as per customer choice.

Secondary Members Minimum yield strength is 34.5 kN/cm², (Available in 1.6 mm, 1.8 mm and 2 mm thickness)

High grade steel conforming to ASTM A607 grade 50. Factory painted with a minimum of 35 microns (DFT) of red oxide primer or galvanized.



Typical "Z" section



Typical "C" section



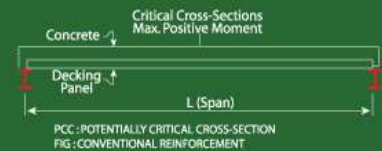
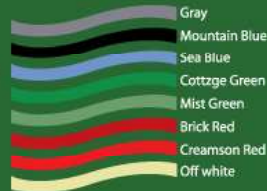
Typical Rafter



Typical Column

COLOR PANEL

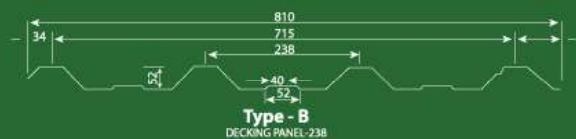
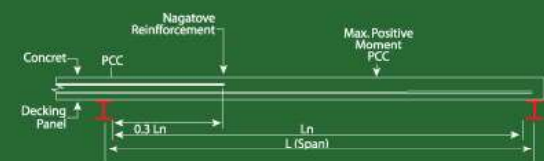
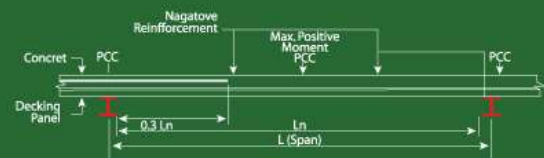
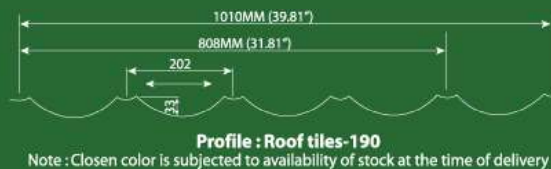
Material	: Pre-Painted Steel (Cold Rolled Steel)
Yield Strength	: 345 Mpa & 550 Mpa
Substrate	: Galvanized/Galvalume (Zn-Al)
Surface	: Pre-Painted
Thickness	: 0.35mm~0.60mm
Length	: Max. 12.0m
Application	: Roofing, Walling & False Ceiling



Material	: Cold rolled mild Steel
Yield Strength	: 345 Mpa
Substrate	: Galvanized/MAT/EG
Thickness	: 0.7mm~1.0mm
Length	: 12.0m
Application	: Roor Decking

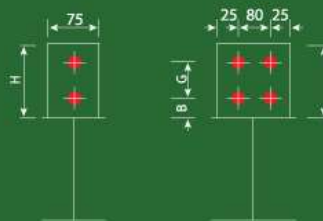
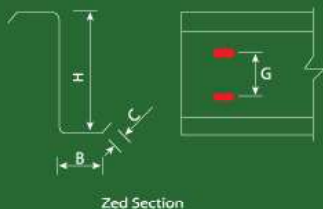
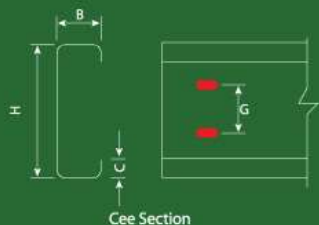
CRIMP - CURVED PANEL

Minimum radius of curvature	: 450mm
Minimum straight length	: 180mm
Length	: Max. 6.0m
Application	: Canopy, Curved Roof, Parking Aesthetics Structures



CEE & ZED SECTION

Material	Cold-Rolled Mid Steel
Yield Strength	345 MPa
Surface	Red-Oxide / Gray-Oxide / Mate Galvanized
Thickness	1.2mm- 2.5mm
Length	Max. 12.0m
Application	Purlin & Girt as secondary structural member of PEB structure end wall Posts, odd structure, Doors, Ridge Ventilation, Bracing, light weight deck floor etc.

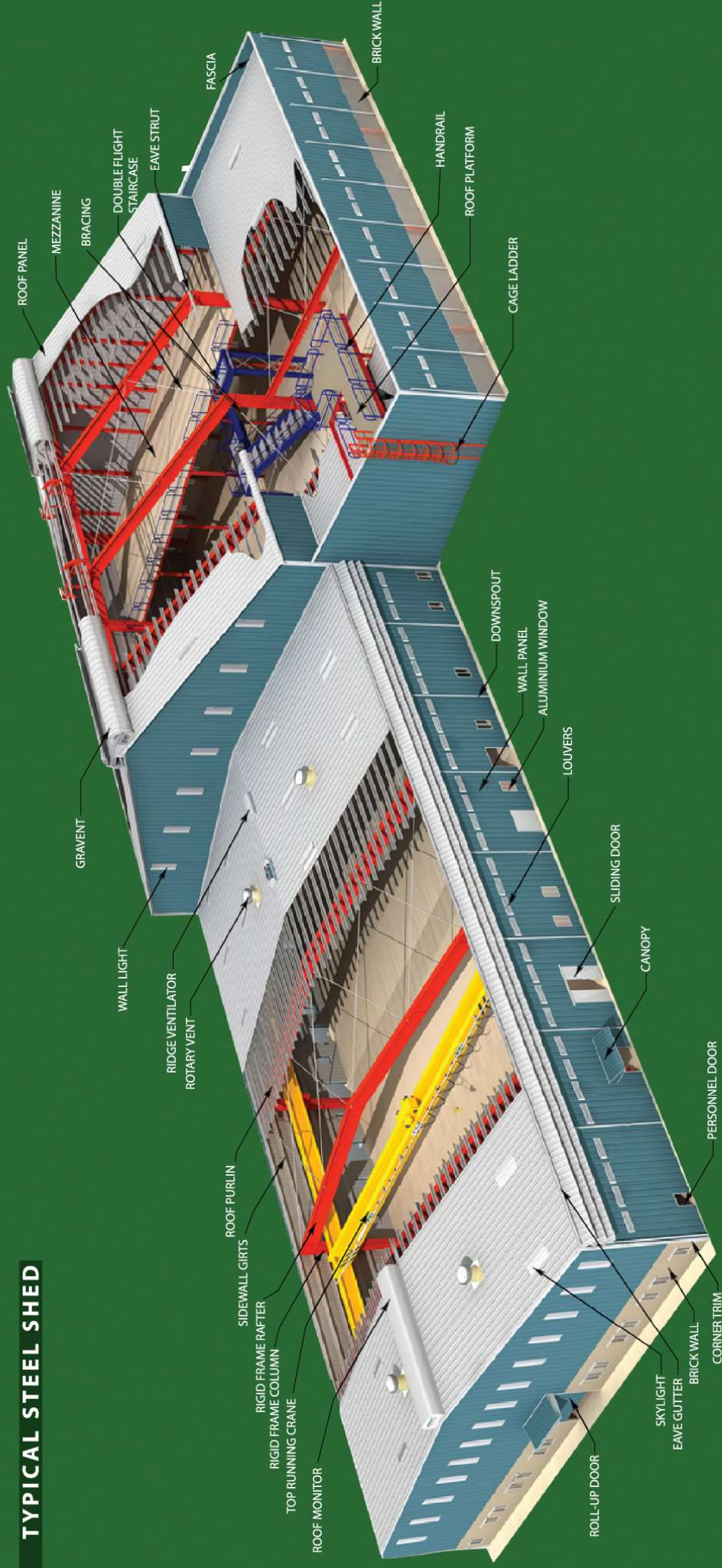


Ship Mark	DIMENSIONS				Thickness-t mm	Mass Per Unit Length kg/m	Std. Feeder mm	Description C-H*B*C
	Height-H mm	Width-B mm	Lip-C mm	Gauge-G mm				
C-8016	80	50	20	-	1.6	2.64	202 8	C-80*50*20
C-8018					1.8	2.97		
C-8020					2.0	3.30		
C-10016	100	50	20	40	1.6	2.89	222 8	C-100*50*20
C-10018					1.8	3.25		
C-10028					2.0	3.61		
C-12016	120	50	20	40	1.6	3.14	242 8	C-120*50*20
C-12018					1.8	3.54		
C-12020					2.0	3.93		
C-14016	140	50	20	60	1.6	3.39	262 8	C-140*50*20
C-14018					1.8	3.82		
C-14020					2.0	4.24		
C-15016	150	65	20	60	1.6	3.90	300 8	C-150*65*20
C-15020					1.8	4.40		
C-15018					2.0	4.90		
C-16016	160	60	20	60	1.6	3.90	302 8	C-160*60*20
C-16018					1.8	4.38		
C-16020					2.0	4.87		
C-18016	180	60	20	80	1.6	4.15	322 8	C-180*60*20
C-18018					1.8	4.67		
C-18020					2.0	5.18		
C-20016	200	60	20	110	1.6	4.40	342 8	C-200*60*20
C-20018					1.8	4.95		
C-20020					2.0	5.50		
C-20016	250	75	20	140	1.6	4.80	370 8	C-200*75*20
C-20018					1.8	5.40		
C-20020					2.0	6.00		
C-25016	250	70	20	140	1.6	5.28	412 8	C-250*70*20
C-25018					1.8	5.94		
C-25020					2.0	6.60		

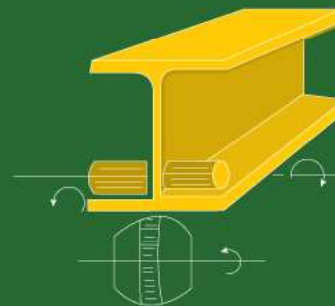
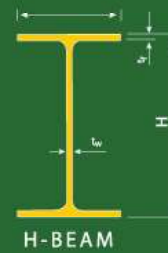
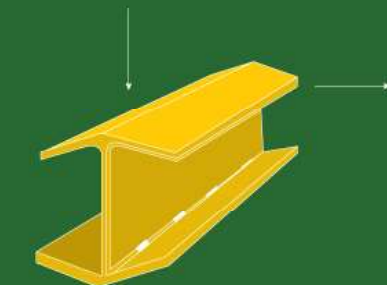
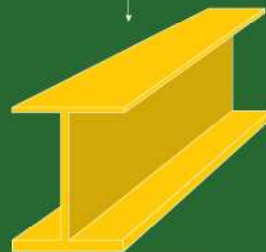
Ship Mark	DIMENSIONS				Thickness-t mm	Mass Per Unit Length kg/m	Std. Feeder mm	Description C-H*B*C
	Height-H mm	Width-B mm	Lip-C mm	Gauge-G mm				
Z-12016	120	50	20	40	1.6	3.27	248 12	Z-120*50*20
Z-12020					2.0	4.08		
Z-12023					2.3	4.69		
Z-15016	150	50	20	60	1.6	3.64	278 12	Z-150*50*20
Z-15020					2.0	4.55		
Z-15023					2.3	5.24		
Z-18016	180	60	20	80	1.6	4.02	308 12	Z-180*60*20
Z-18020					2.0	5.03		
Z-18023					2.3	5.78		
Z-20016	200	60	20	110	1.6	4.52	348 12	Z-200*60*20
Z-20020					2.0	5.65		
Z-20023					2.3	6.50		
Z-25016	250	70	20	140	1.6	5.40	418 12	Z-250*70*20
Z-25020					2.0	6.745		
Z-25023					2.3	7.76		

Cleats Dimensions (mm)						
Section	G	B	H	T	Dh	
100	40	40	105	5	16	
120	40	60	125	5	16	
140	60	50	135	6	16	
150	60	55	145	6	16	
160	60	60	150	6	16	
180	80	60	170	6	16	
200	110	55	195	6	16	
250	160	55	245	8	22	
300	210	65	305	10	22	

TYPICAL STEEL SHED



BUILT-UP-MEMBER



Material	: Hot-Rolled Plates
Standard	: ASTM A572M Grade 50(G345)
Yield Strength	: 300 MPa~345 MPa
Surface	: Red-Oxide / Gray-Oxide
Thickness	: 4mm~40mm
Length	: Max. 12.m
Application	: Column, Beam, Rafter, Bracing etc.

MISCELLANEOUS ITEMS

SELF-DRILLING FASTENER

Fasteners are sunday used to fasten side laps of wall and roof sheeting and for attaching trims or flashing. Roof Panel must be crest fixed to supports. On the other hand, profile sheet for wall can be crest fixed or valley fixed.

STRUCTURAL BOLTS

Structural bolts are used to fasten structural Steel Connection. Structural bolts should have one bolt, one nut & two washer.

SKY LIGHT

Sky light panels are used to provide additional light in any Per-Engineered building. It may used at roof panel as wall panel respective to the steel profile shape.

LOUVER

Louver are used to provide natural air flow into a building. There Width are two type of louver, (i , e fixed louver & adjustable louver,) Surface Thickness : 0.35 mm -1.5 mm

Support Thickness (Steel)	Fastener	Application
Up to 4.5mm	#12-16X25mm	Wall
	#12-16X50mm	Roof & Wall
	#12-16X65mm	With insulation Blanket
Exceed 4.5mm	#12-24X25mm	Wall
	#12-24X50mm	Roof & Wall
	#12-24X65mm	With insulation Blanket

Base Materials	Thikness	Length	Color
UV-Ray resistant plastic resin reinforcement by mesh	1.5 mm-4.0 mm	Max.6100 mm	Std. transparent Red, Blue & Green

: 400 mm 3050 mm
: pre-painted color steel, Galvanized steel & Red-oxide painted steel.



Anchor Bolt Details (With Two Nut & Two Washer)

BOLT DIA (mm)	WEIGHT/PC (kg)	A (mm)	B (mm)	C (mm)	TOTAL LENGHT (Toleraence=+25mm)	TENSION (kip)	PULL OUT (kip)	DESCRIPTION (mm) (mm)
16	0.84	380	70	100	450	4.62	5.41	AB16X450
20	1.55	460	90	125	550	7.56	8.88	AB20X550
25	3.25	660	90	125	750	10.54	11.03	AB25X725
30	6.20	875	125	150	1000	17.02	16.88	AB30X1000

NOTE : (1) Yield Strength $F_y = 60\text{ksi}$. (2) Pull out Strength is based on 3 ksi concrete compressive strength.

SAG ROD



SHIPMARK	LENGTH (mm)	WEIGTH/PC (kg)	WEIGTH/PC (kg)	SAG ROD DETAIL (with four nut & four washers)	
				MINIMUM	MAXIMUM
SR 1200	1200	0.81	0.81	1060	1140
SR 1350	1350	0.90	0.90	1210	1290
SR 1500	1500	1.00	1.00	1360	1440

E-RIDGE VENTILATOR

Ridge Ventilator will provide natural air irculation at ridge line in any pre-engineered steel building. ZONE'S Ventilator can be installed as continuous or single unit considering throat opening 300mm to 600mm.

TYPE	
STRUC TURE	RIDGE FRAME (1.6mm cold -formed channels)
	VENT GIRT(1.6 mm Cee or Zed Channel)
	BIRD SCREEN (12 mmx 12 mm opening galvanized mesh)
MAIN PARTS	TOP PATE, THOART FLASHING END PLASHIN
	(All 0.47 mm Pre-painted steel)
	BIRD SCREEN (12 mmX12 mm opening galvanized mesh)

OUR PROJECTS



Project Name : Crown Washing Unit-2, Valuka



Project Name : Pakiza Yarn Dyeing, Savar



Project Name : Universal Crane Building, Tangail



Project Name : Akhter Enterprise, Tongi



Project Name : Anan footwear Ltd, Kapasia



Project Name : Crown Staff Dormitory Building, Valuka

OUR PROJECTS



Project Name : Pakiza Knit Composite Ltd, Saver



Project Name : Cotton Muslin Industries, Gazipur



Project Name : Mak Textiles Mills Industries



Project Name : Universal Yarn Dyeing, Tangail



Project Name : Crystal Martin Apparel Bangladesh Ltd, Valuka

OUR PROJECTS



Project Name : Shinepukur Ceramic, Savar



Project Name : Crown Washing Unit-2, Valuka



Project Name : Crown Washing Unit-2, Valuka



Project Name : Pakiza Yarn Dyeing, Savar



OUR PROJECTS



Project Name : Anan Leather Goods Ltd.



Project Name : Crystal Martin Apparel Ltd, Valuka



Project Name : Crystal Martin Apparel Ltd, Valuka



Project Name : Akter Enterprise, Gazipur

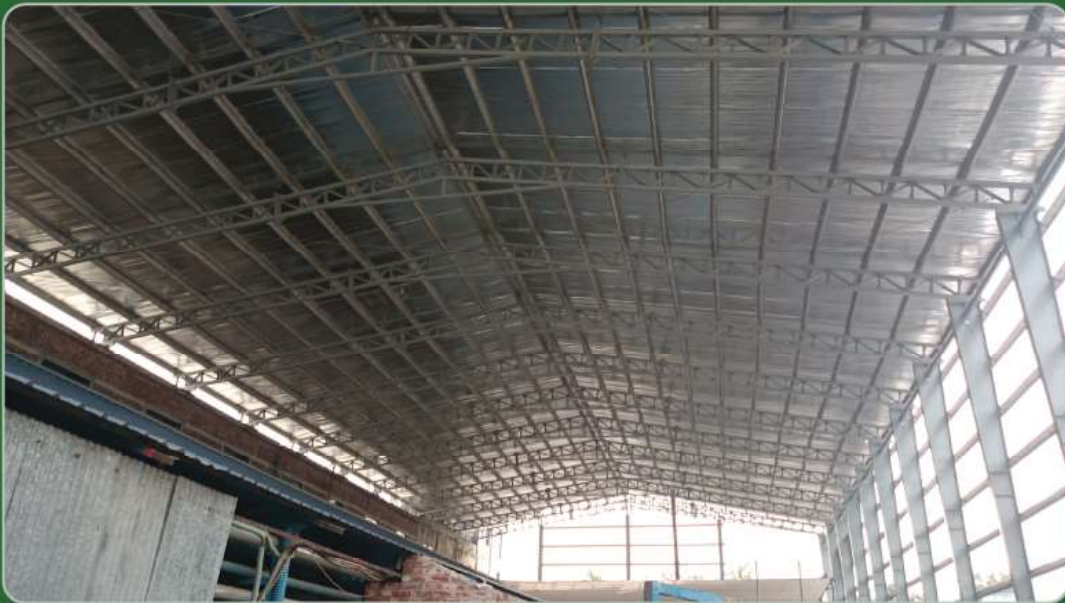


Project Name : Mak Textile Mills Ltd.

OUR PROJECTS



Project Name : Navana Group ,Savar



Project Name : Swiss Schiffly Fashion BD.Ltd, Narshingdi



OUR PROJECTS



Project Name : Quality Group, Keranigonj



Project Name : Universal Crane Building, Tangail



Project Name : Pran Group, Narshingdi



Project Name : Pran Group, Narshingdi



Project Name : Universal Store Room Building, Tangail



Project Name : Sylhet Plastic Industry Ltd, Sylhet

OUR PROJECTS



Project Name : Bangladesh Navy, Khilkhet



Project Name : Sathi Fresh Fruits Ltd. (Cold Storage), Munshigonj



Project Name : Sathi Fresh Fruits Ltd. (Packing Unit), Munshigonj

OUR PROJECTS



Project Name : Dhanshiri Group (Graments Factory), Gazipur



Project Name : Crystal Martin, Seed Store, Valuka



Project Name : Radisson Water Garden Hotel, Dhaka



Project Name : Navana CNG Ltd, Sylhet



Project Name : Jupitar Buttom, Gazipur



Project Name : Akter Enterprise, Tongi

OUR PROJECTS



Project Name : Beximco Group



Project Name : Freshtex Expansion, Gazipur



Project Name : Capital Board Mill, Narsingdi



Project Name : Crescent Fashion, Gazipur



Project Name : Dacca Garments, Gazipur



Project Name : Crown Wares Ltd (Ware House), Valuka



GREEN BUILDING

Green building (also known as green construction or sustainable building) refers to both a structure and the using of processes that are environmentally responsible and resource-efficient throughout a building's life-cycle: from sitting to design, construction, operation, maintenance, renovation, and demolition. In other words, green building design involves finding the balance between home building and the sustainable environment. This requires close cooperation of the design team, the architects, the engineers, and the client at all project stages. The Green Building practice expands and complements the classical building design concerns of economy, utility, durability, and comfort.

Tiger Steel Bangladesh Ltd. Is acquainted with this new technology and develop a green environment considering the human health nature by providing:

- Efficiently using energy, water, and other resources.
- Protecting occupant health and improving employee productivity
- Reducing waste, pollution and environmental degradation.

AT A GLANCE

OUR VALUABLE CLIENTS:

SL	COMPANY NAME	PROJECT NAME	LOCATION	AREA
	Crown Fashion Wear (Pvt.) Ltd.	i. Crown Washing Unit-2	Valuka, Mymensing	3,75,000 sft (Six Storied)
		ii. Crown Staff Dormitory	Valuka, Mymensing	12,000 sft (Four Storied)
		iii. Crown Warehouse	Valuka, Mymensing	15,000 sft
	Pakiza Group	i. Pakiza Dyeing & Printing Ltd.	Savar	1,50,000 sft
	Pakiza Spining Mills Ltd.	ii. Pakiza Recto fitting	Savar	49,500 sft
		iii. Pakiza Gray Store	Savar	35,000 sft
		iv. New rotor Room	Norshingdi	14,000 Sft
		v. Compressor Room	Norshingdi	7,000 Sft
		vi. Bell press room	Norshingdi	52,000 sft
		vii. Raw Yarn Store.	Norshingdi	6,850 Sft
		viii. Momtex Production Building	Norshingdi	3,446 Sft
		ix. New Blow Room	Norshingdi	10,000 Sft
		x. Recycling Yarn Store	Norshingdi	7,500 Sft
		xi. Beam Supporting	Norshingdi	14,000 sft
	Sparrow Group	i. Sparrow Dyeing	Gazipur	20,000 sft
		ii. Generator Building	Gazipur	10,000 sft
		iii. Loading bay	Gazipur	10,000 sft
		iv. Washing Shed	Gazipur	36,000 sft
	Universal Group	i. Universal Factory Building	Tangail	25,000 sft
		ii. Universal Store Building	Tangail	30,000 sft
		iii. Universal Office Building	Tangail	10,000 sft
		iv. Universal Generator Building	Tangail	9,000 sft (Three Storied)
	Anan Group	i. Factory Building	Kapasia	50,000 sft
		ii. Leather goods Building	Kapasia	36,000 sft (Six Storied)
		iii. Store Building	Kapasia	16,000 sft

AT A GLANCE

OUR VALUABLE CLIENTS:

Sl	COMPANY NAME	PROJECT NAME	LOCATION	AREA
	Beximco Group	i. Crescent Fashion Expansion	Gazipur	54,000 sft
		iii. Freshtex Expansion	Gazipur	45,000 sft
		iii. Dacca Garments	Gazipur	80,000 sft
		iv. Shinepukur Ceramic Ltd.	Gazipur	30,000 sft
		v. Extension of BTL	Gazipur	14,000 sft
		vi. Ware House	Gazipur	15,000 sft
	Navana Group	i. Navana Store Shed Building	Savar	8,000 sft
		ii. Navana CNG Ltd.	Sylhet	6,000 sft
		iii. Cargo Lift	Kaligonj	6,000 sft
	Pran Group	i. Recycle Plant Shed	Norshingdi	28,000 sft
		ii. Loading Bay	Norshingdi	8,000 sft
		iii. OD Line Extension	Norshingdi	25,000 sft
		iv. Biscuit Line Extension	Norshingdi	32,000 sft
	Crystal Martin Apparel Ltd.	Canteen Building	Valuka, Mymensing	30,000 sft
		Generator & Boilar Room Building	Valuka, Mymensing	15,000 sft
	Stitch Heaven Ltd.	Production Building	Gazipur	25,583 sft
	Sathi Fresh Fruits Ltd	i. Cold Storage	Munshigonj	27,728 sft
		ii. Packing Unit	Munshigonj	12,200 Sft
	Reza Construction Ltd.	i. Office Building	Gulshan-02	3,400 Sft
		ii. Block Factory	Chittagong	18,000 Sft
	S.A. TV	i. Utility Room	Gulshan-2	5,000 Sft
		ii. News Studio	Gulshan-2	1,500 Sft

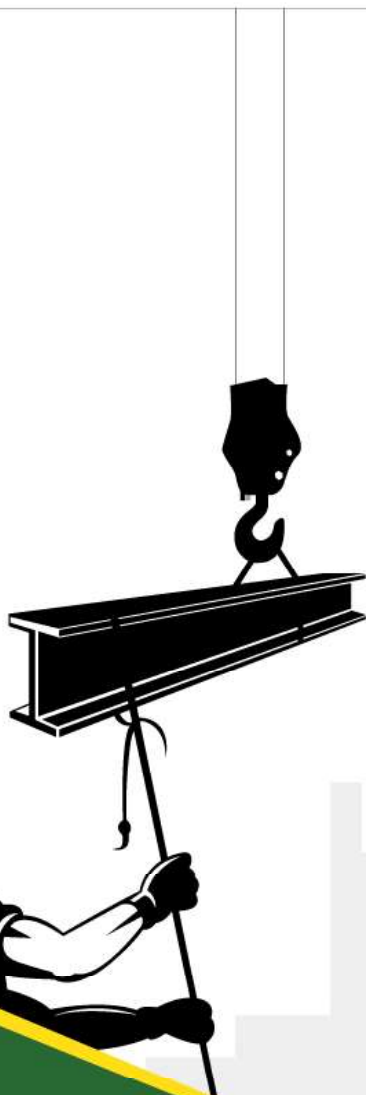
AT A GLANCE

OUR VALUABLE CLIENTS:

SI	COMPANY NAME	PROJECT NAME	LOCATION	AREA
	Gazipur Paper Mill Ltd.	i. Ware House	Narayangong	7,000 sft
		ii. Boiler Shed	Narayangong	4,000 sft
		iii. Generator Shed	Narayangong	6,000 sft
	SG Group	Auto Brick field Extension	Chittagong	38,000 sft
	Ocean (Bd) Ltd	Ship Builders	Chittagong	22,200 sft
	Dhanshiri Group	Garments Factory	Gazipur	31,200 sft
	Builders Corporation	Bangladesh Navy	Khilkhet	7,000 sft
	TV Chanel	71 News	Baridhara	15,000 sft
	Swiss Schiffly Fashion BD.Ltd	Garments Building	Norshingdi	42,000 sft
	Mission Group	Garments Building	Savar	28,000 sft
	Shanta Industries Ltd	Garments Building	DEPZ	8,000 sft
	Dhanshiri Group	Production Building	Gazipur	10,000 Sft
	Imagine Group	Office Building	Motijheel	6,600 sft
	Best way Group	Pavilion	DITF/2010	5,000 sft
	CP Bangladesh	Ware house	Chuadanga	36,000 sft
	Bangladesh Ordnance Factory	Arms Store	Gazipur	7,000 sft
	Salam Catering Services Ltd.	Community Center	Dhanmondi	7,000 sft
	Ojantrik Production House	Office Building	Chitagong	6,000 sft
	Akter Enterprise	Ware House	Gazipur	28,000 sft
	Shylet Plastic Industry Ltd.	Plastic Factory Building	Sylhet	35,000 sft
	Makka Paper Mills Ltd.	Factory shed	Narayangong	14,000 sft
	Bexi Fabrics (Yellow)	Lift Core	Dhaka	80 'heights
	Neifamari Jail	Watch Tower	Nelfanmari	90 'heights
	Alnoor Group	Ware House	Narayangong	10,000 sft
	Dalan Traders	Private House	Manikgong	6,000 sft
	Radisson Water Garden Hotel	Ansar Shed	Dhaka	7,000 sft
	Fakir Group	Ware House	Narayangong	19,260 sft

official environment





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