ISEL

Innovation for Excellence



Innovative Squirrel Engineering ltd.



Message

from the desk of the Managing Director

Engr. Md. Aminur Rahman

It gives me great honor and pleasure to have the opportunity to introduce Innovative Squirrel Engineering Limited (ISEL), as one of the leading manufacturers of Pre-fabricated Steel Structure and Construction Company in Bangladesh. From the beginning of its journey, ISEL has made valiant efforts to provide quality products to our valued customers and clients as we strive always to achieve entire satisfaction of our partners. ISEL's venture in well-groomed human resource and state-of-the-art technology is exquisitely perched to meet the challenges of the 21st century and create a positive impact on the economy of Bangladesh manufacturing durable, adorable and versatile Steel Structure and Multi Storied Steel Building with related Civil and Electrical works. I hope that the cordial relations with all the valued clients will remain intact as partners of prosperity and we also look forward to developing more successful relations with potential clients in the future.

We believe value engineering is an important part of our work and we provide solutions, not just products. Our teams of qualified, experienced engineers and technicians can create and build to client specifications, whatever the challenges. Our clients are ensured the highest levels of product quality and workmanship. As you know the most remarkable advantages of Pre Engineering Building Products are low initial investment, rapid construction time, low maintenance charge, large clear spans, infinite choice of layouts, inherent resistance to earthquakes, ease of future expansion and unique attractive appearance. Our well experienced and young engineers, designers, officials & workers are devoted to take any challenges to fulfill the utmost requirements of our valued clients and partners.

I therefore, seek continued patronage of our valued customers, coperation of our employees and thank our well-wishers who have contributed to the growth of ISEL and to build our beloved motherland-PROSPEROUS BANGLADESH.

Mission

- We constantly endeavour to achieve our objectives by meeting the requirements and expectations of our clients with relentless improvement in quality, efficiency, value, new product launches and customer service through the quality of materials and workmanship, reasonable price and timely completion while utilizing innovative technologies.
- Continuous communication between management, employees, suppliers and customers in addition to ongoing improvement of processes, systems, equipment and the use of human resources have been the guiding force of our long journey in the pre-fabricated steel structure industry.
- Corporate Social Responsibility remains high on the agenda of the group. Our contribution to community growth, culture and development is a key driver for ensuring the health and well-being of the people who build this community and those in our group who push forward in that direction.

Vision

We aim to become the most reliable brand in the industries through Perfection of product, Excellence of engineering and the Best customer services in the Pre- Engineered Building (PEB) industry in Bangladesh.



Introduction

Being decades of trading experience in the business of steel & related goods, ISEL began its journey towards engineering excellence at the fog end of 2010. ISEL endeavors to be recognized as the leading one-stop total solution provider in the field of Pre-Engineering Building Product (PEB) with related civil, electrical works.

Considering the advantages of PEB: *Saving in cost, material, time & manpower, *Shuttering and scaffolding is not necessary, *Installation of building services and finishes can be done immediately, *Independent of weather condition, *Components produced at close supervision so quality is good, *Clean and dry work at site, *Possibility of alterations and reuse, *Correct shape and dimensions and sharp edges are maintained, *Very thin sections can be entirely precast with precision *Earthquake resistant strength & * Resell value of the materials; ISEL believes that engineering is the art of directing the great sources of power in nature for the use and convenience of man & mankind by providing industry leading expertise and high quality support services not only uphold leadership in pre-engineered steel building construction but will reach even newer height of professional excellence. It is this quest for excellence that has already earned the company appreciation and goodwill amongst the leading business houses of the country.

ISEL's philosophy means that nothing is left to chance: every detail of the building to be executed must be explored, described and mechanically rendered, and it must comply fully with design requirements and the expectations of the customers through the delivery of high quality products & support services, industry leading expertise and a strong commitment to improve overall performance in the industry. Let us know regarding any aspect you feel concerned about as look forward to extend our services:

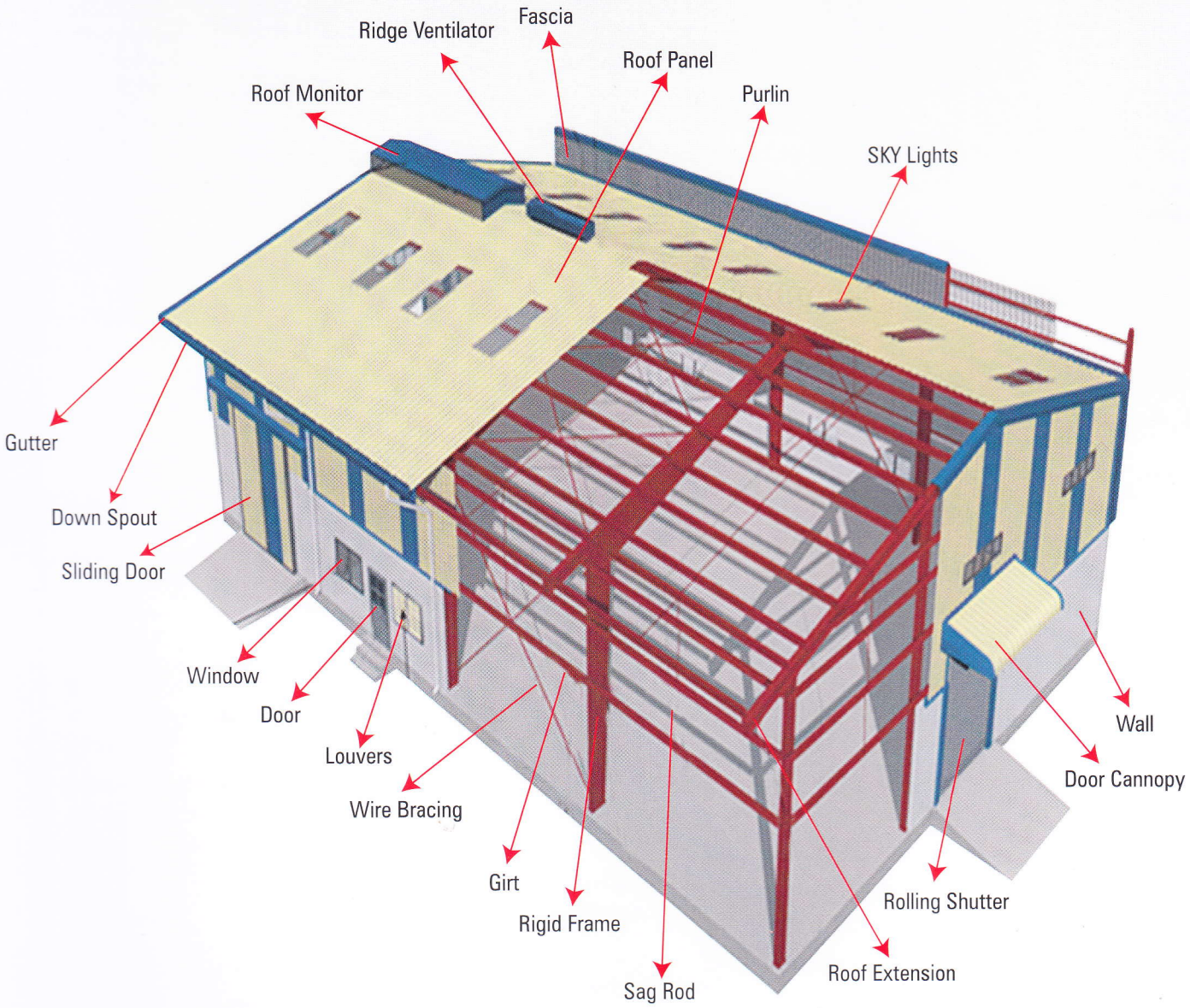
- Architectural-Structural Design & Drawing
- Industrial Consultant
- Manufacturer of PEB Materials
- Civil & Electrical Works
- Plumbing and Sanitary works
- Interior Design & Finishing Works

Applications of PEB

- **Industrial:** Factory Shed, Workshop, Warehouse, Cold Storage, Car Parking Shed, Product Storage
- **Heavy Industrial:** Cement Plant, Steel Rolling Mill, Sugar Mill, Ceramic Factory, Textile and Spinning Mill.
- **Energy Sector:** Power Plant, Filling Station
- **Commercial:** Showroom, Distribution Center, Super Market, Fast Food Restaurant
- **Institutional:** School, Exhibition Hall, Hospital, Theater, Auditorium, Sports Hall, Canteen, Cafeteria, Dormitory Building
- **Recreational:** Gymnasium, Swimming Pool, Indoor Tennis Court
- **Aviation and Military:** Aircraft Hanger, Administration Building, Residential Barrack, Support Facility, Training Shed
- **Agricultural:** Poultry and Dairy Farm, Greenhouse, Animal Conferment.
- **Others:** Labor Camp, Service Station, Shopping Center

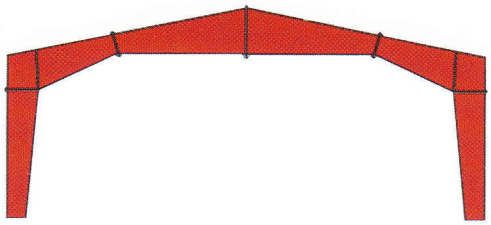


Pre-Engineered
Building Systems Ltd.



ISEL

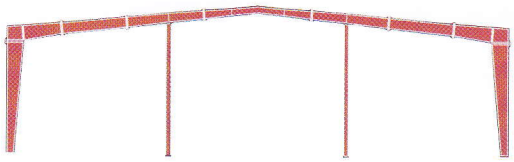
Framing Systems



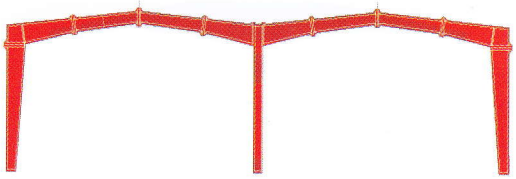
Single Span



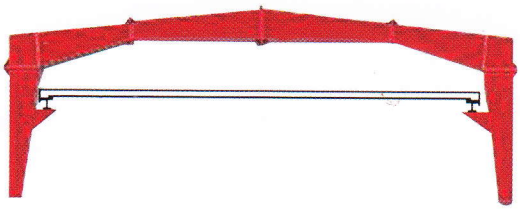
Single Slope



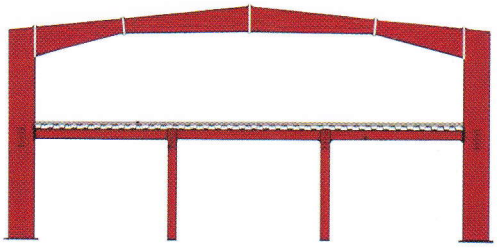
Multi-Span



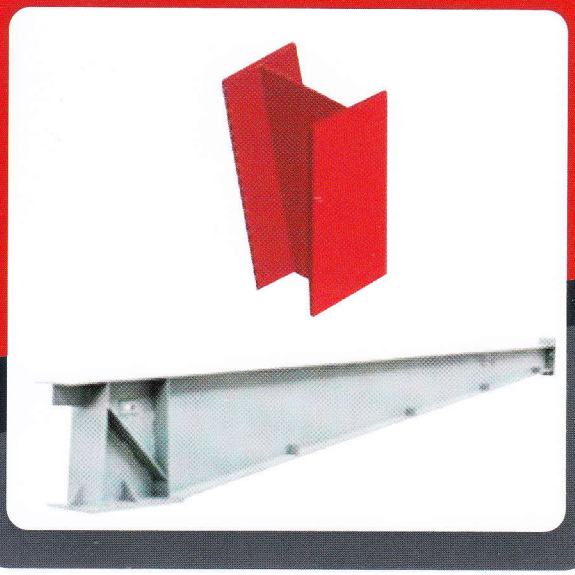
Multi-Gable

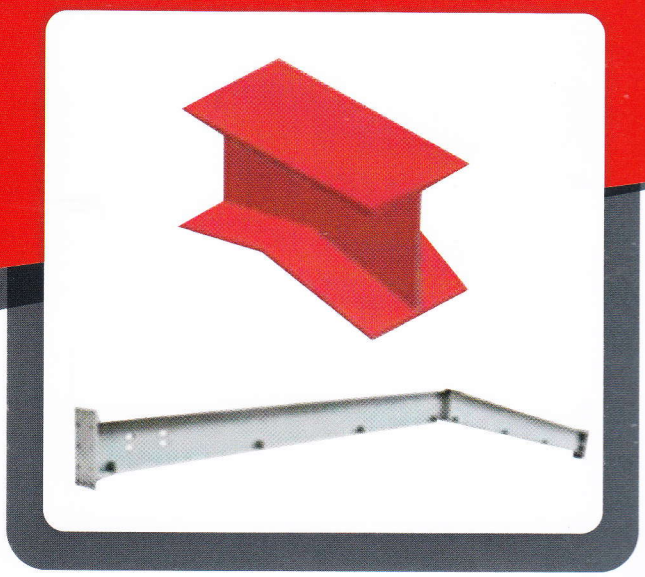


Single Span with EOT Crane



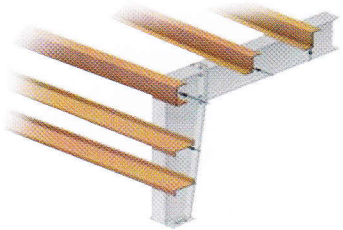
Mezzanine Floor

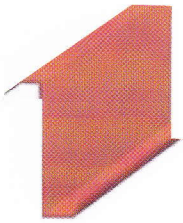


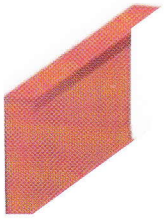


Primary Built-up members: High grade steel plate conforming to ASTM A572 grade 50 (or equivalent) with minimum yield strength of 34.5 kn/cm^2, are jointed together on one or both side of the web by a continuous automatic sub-merged arc welding machine to produce required primary buit-up sections. Primary build-up members are painted with a minimum of 35microns (DFT) of red oxide primer or any other paint system as per customer's choice at the factory.

Primary Framing

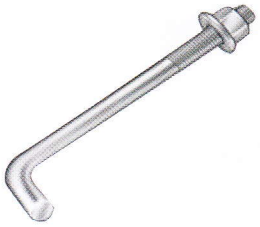


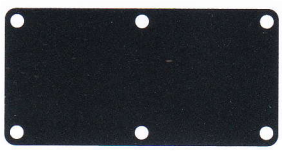




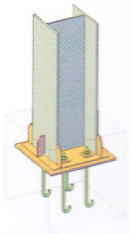
Secondary members: High strength MS or galvanized steel Z or C shape purlin avaliable in 1.6mm, 1.75mm, 2.0mm and 2.5mm thickness, conforming to ASTM A607 grade 50 (or equivalent). Secondary members are painted with a minimum of 35 microns (DFT) of red oxide primer or galvanized or any other paint system as per customer's choice

Secondary Framing



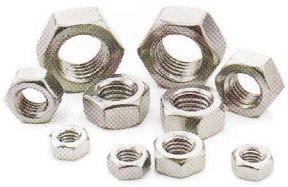






Anchor Bolt and Base Plate

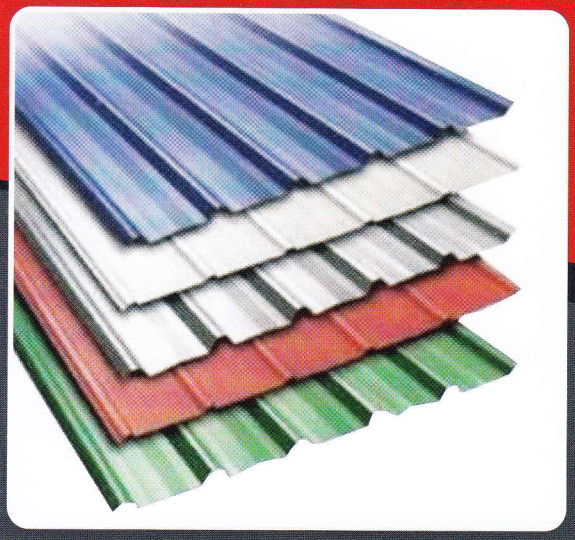






Nut-Bolt & Washer

ISEL

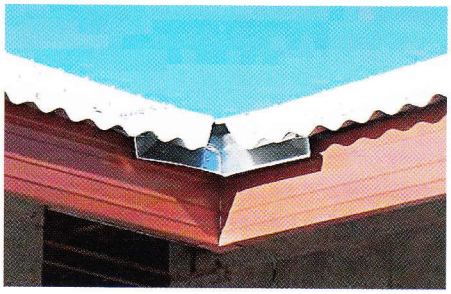




Roof and Wall Sheet



Eove Guttere



Valley Guttere

Gutter and Down Spout



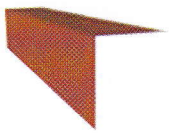
Ridge Cap



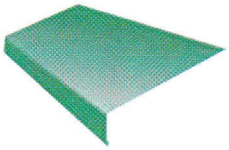
Bottom Fleshing



Gable Trim



Corner Trim



L Trim

Flashing, Capping & Trim





Screw & Rivet

Electronic Over Head Crane

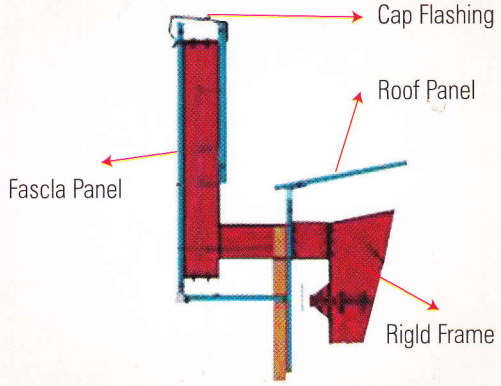


"Innovative Squirrel Engineering Limited in co-operation with Taiwan Hoist and Crane Co. Ltd of Taiwan is specializing in the design, manufacturing and marketing a wide range of lifting equipment including Explosion Proof Wire Rope Hoist, Electric Wire Rope Hoist, Electric Chain Hoist, Crane Kit, Electric Winch and Crane Accessories in Bangladesh. We are committed to serving our customers by delicate design, advanced engineering, integrated quality and excellent service. We always devote ourselves to share the advantage of our core competency of designing and delivering the highest quality products at globally competitive prices to our vast customers. To pursue excellent in quality is our number one goal. We are proud of our development of an integrated quality assurance system to control every detail to ensure our equipment in superior safety and lasting reliability.

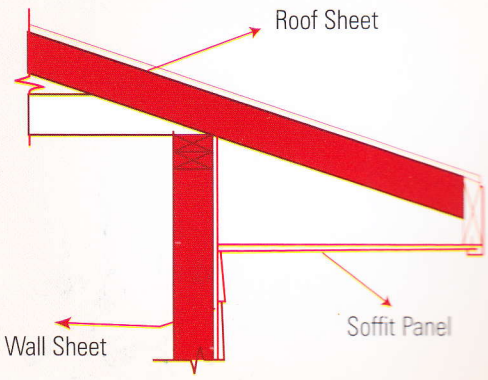
By remaining on the leading edge of the market, we always focus on customer's satisfaction by strong management, customer service, operational efficiency and passion for quality. With years of lifting expertise, we propose the total solutions to meet all of our customer specific requirements in lifting needs. "Today's value added is tomorrow value expected", we constantly strive to do our best for today, tomorrow and the long term as well."

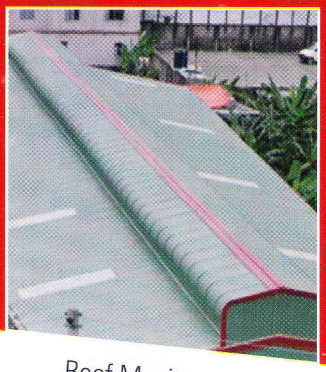


Fascia

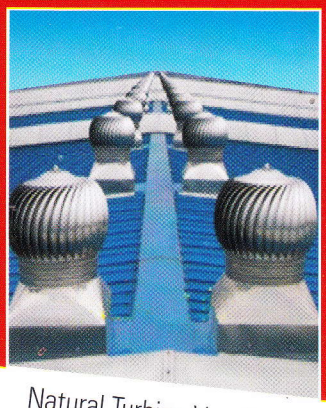


Soffit





Roof Monitor



Natural Turbine Ventilator



Ridge Gravity Ventilator



Roof mounted ventilation

Ventilation

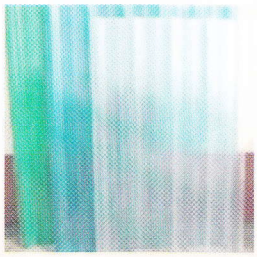






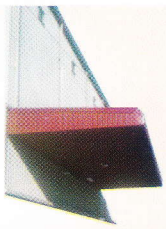
Insulation



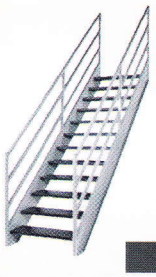


Skylight/ Translucent Sheet





Canopy



Stair

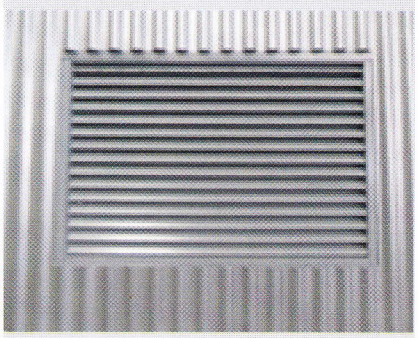
Door: Sliding door & Rolling door



Window



Louver



Some of our Development Partners











































Madina Poly Fibre











ISEL

Some of Our Projects



Factory Shed of Advanced Composite Textiles Ltd. at Valuka, Mymensingh





Multi-Storied Steel Building for Nagorik TV at Khilkhet, Dhaka

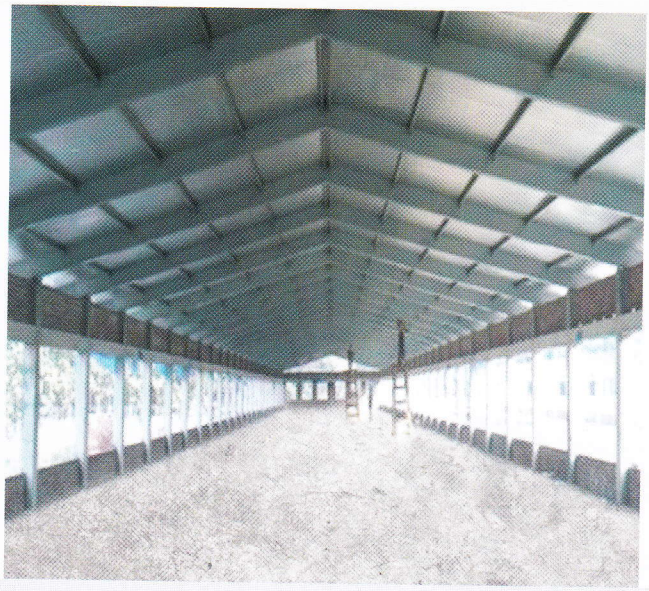




Shed and EOT Crane of Khulna Shipyard Ltd. at Khulna



TV factory of Butterfly Marketing Ltd. at Mawna, Gazipur



Poultry Shed of Butterfly Marketing Ltd. at Gilashawar, Gazipur

ISEL



Factory Building of Unifill Composite Dyeing at Kashimpur, Gazipur



Dormitory Building for BRAC University at Khagan, Savar (8 nos.)



Warehouse of Social Marketing Company at Bogra



Factory Building of Lira Polymer Industries Ltd. at Mawna, Gazipur



Factory shed of Bangladesh Thai Aluminium at Kaliakoir, Gazipur



Factory Building of Modina Non-Woven Fabrics Ltd. at Munshiganj



Warehouse for Aptech Group at Vatara, Dhaka

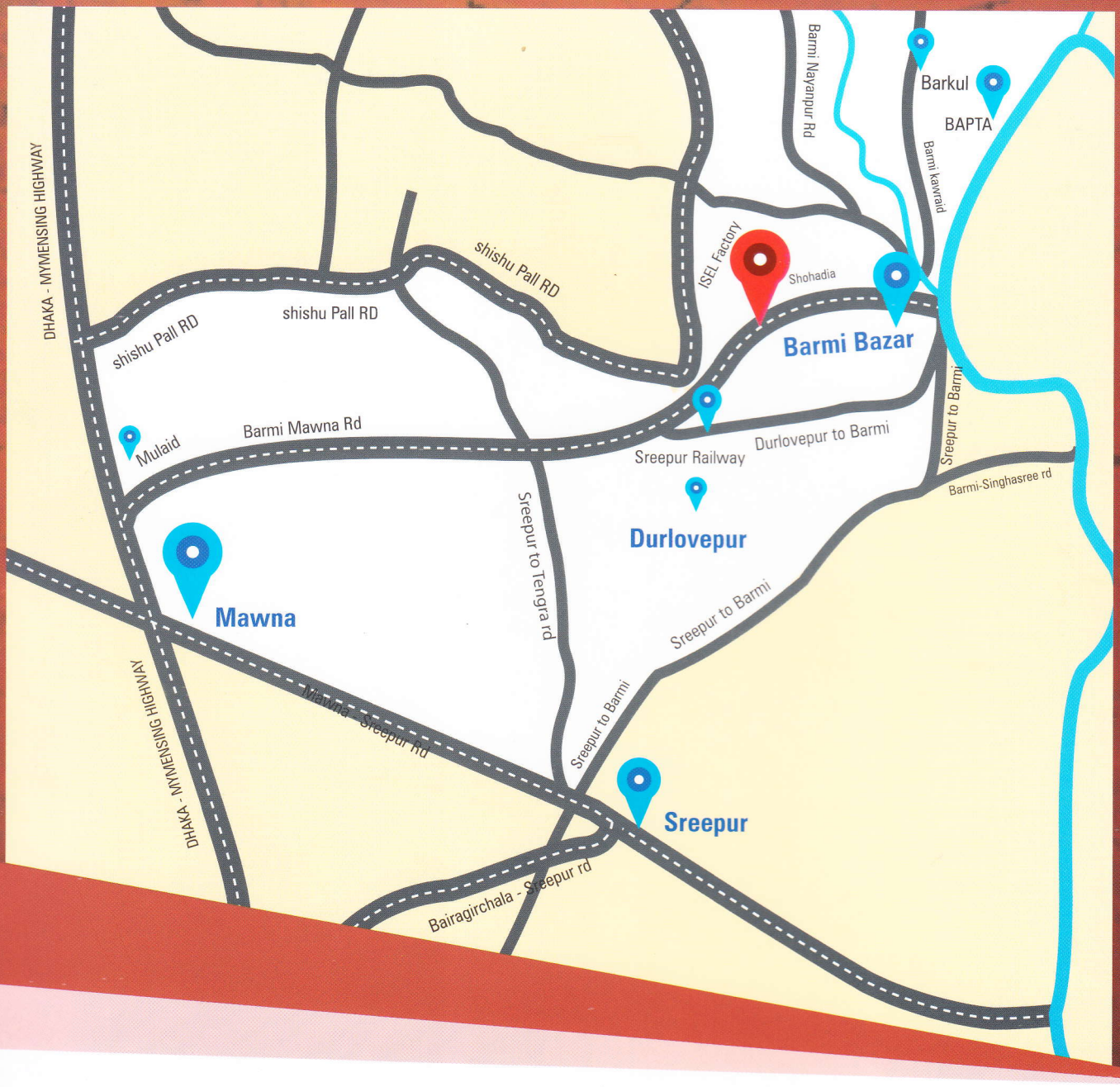


Factory Shed of Modina Polyfiber at Meghna Ghat, Munshiganj



Tannery Factory of Rana Leather Industries Ltd.
(Shamsul Alamin Group) at Hemayetpur, Savar

Factory Address : Shuhadia, Barmi, Gazipur



ISEL
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