



ARAKAN
SHADE SYSTEMS
ALUMINUM AND GLASS



DISTINGUISHED



WE ARE THE BEST

ABOUT US

As one of the leading fabrication units for a wide range of PVC , Fabric shades, and **aluminum and glass** Arkan Shade Systems has earned an enviable reputation in the local and regional markets and is today recognized as a reliable and trustworthy supplier of a wide range of shading systems that are custom designed to suit the individual needs of all our clients

We offer supreme quality aluminum and glass product as well as our out outstanding work on kitchens and other house need . our highly qualified developments and improvements to details patents and unique product are the result of this

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Mission

Is to deliver premium quality products and exceptional service to all our clients.



Vision

Is to become the most recognized, full-service Aluminum, Cladding, UPVC & Glass processing & fixing facility in the U.A.E.



Company Hierarchy



**OUR SUPPLIERS & BRANDS
AND ASSEMBLY DRAWINGS**



الخليج للسحب
Gulf Extrusions



أريكسكو
AREXCO

ARABIAN EXTRUSIONS FACTORY



وايت ألمنيوم للسحب ذ.م.م.
WHITE ALUMINIUM EXTRUSION L.L.C



مصنع الإمارات للسحب...
EMIRATES EXTRUSION FACTORY...



SAINT-GOBAIN

AV SAVIO



GUARDIAN

Glass • Automotive • Building Products

STAC



GIESSE

FRF

مصنع الفجيرة للصوف الصخري
FUJAIRAH ROCKWOOL FACTORY

SOUDAL



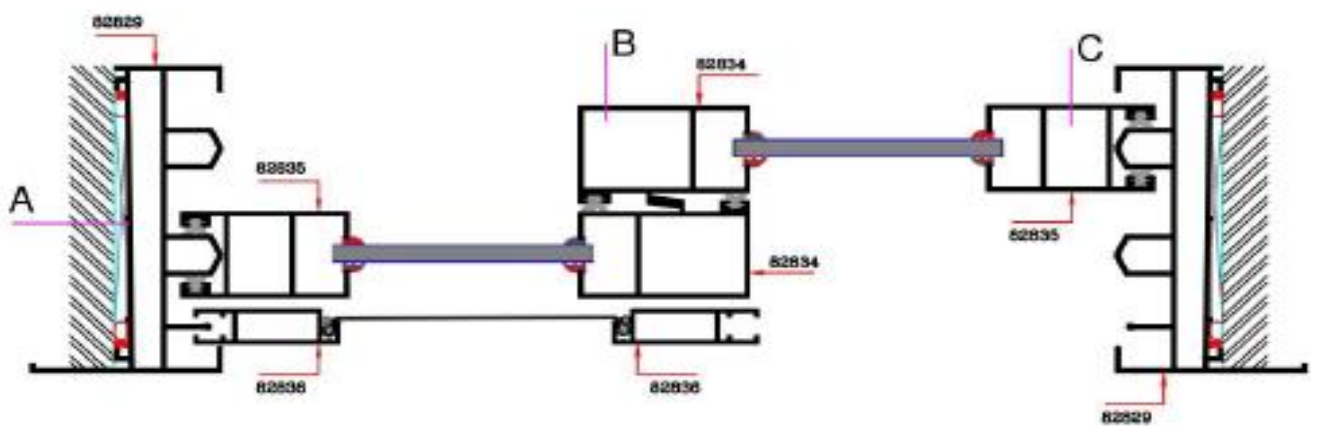
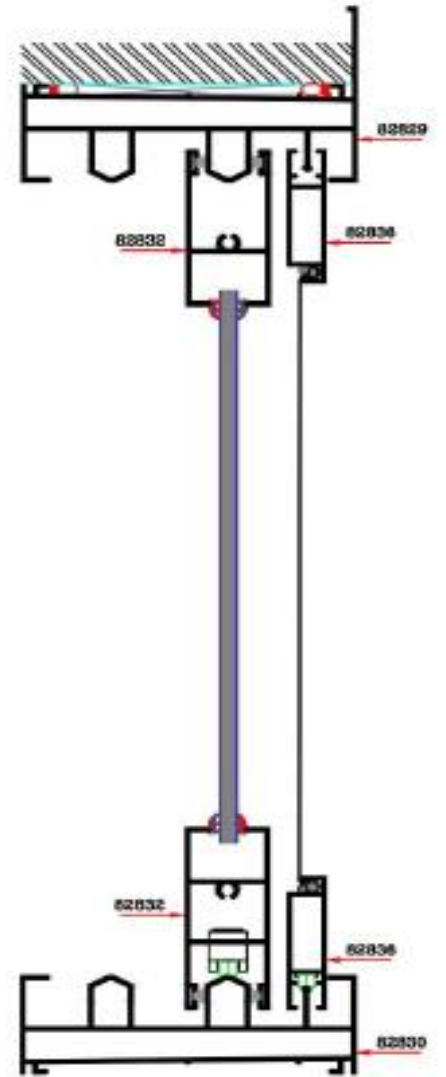
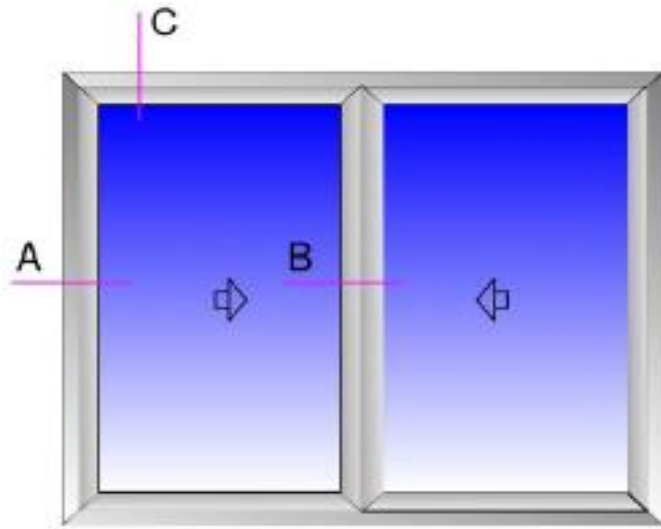
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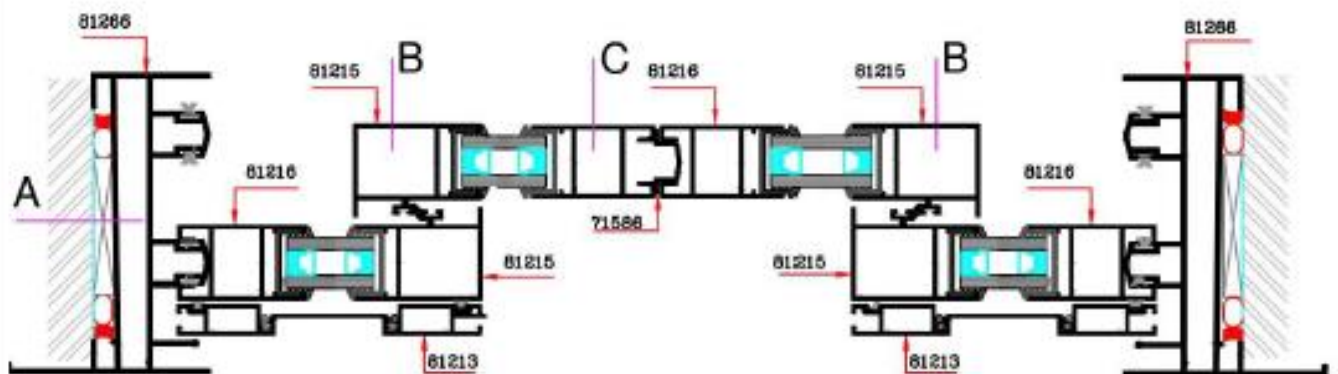
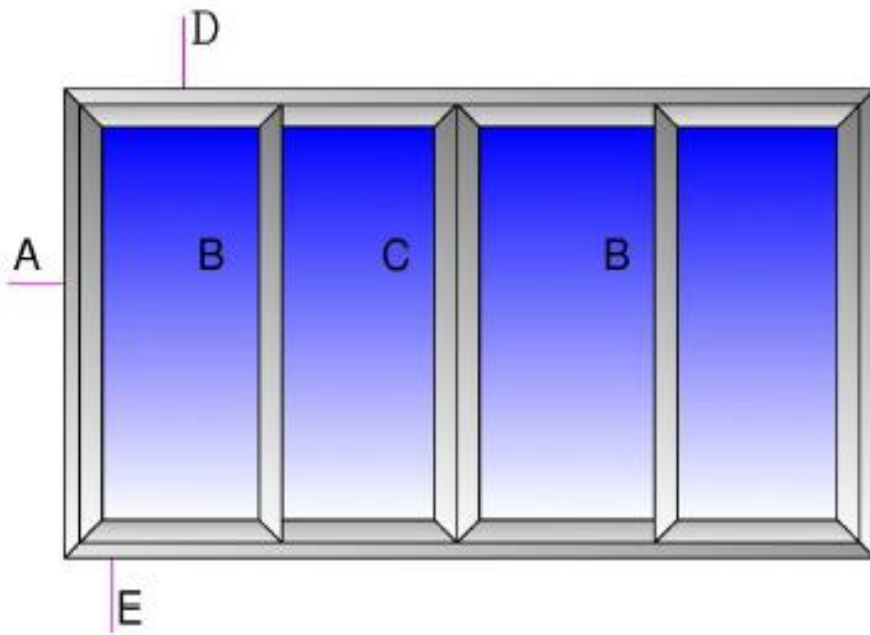
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STANLEY
Access Technologies

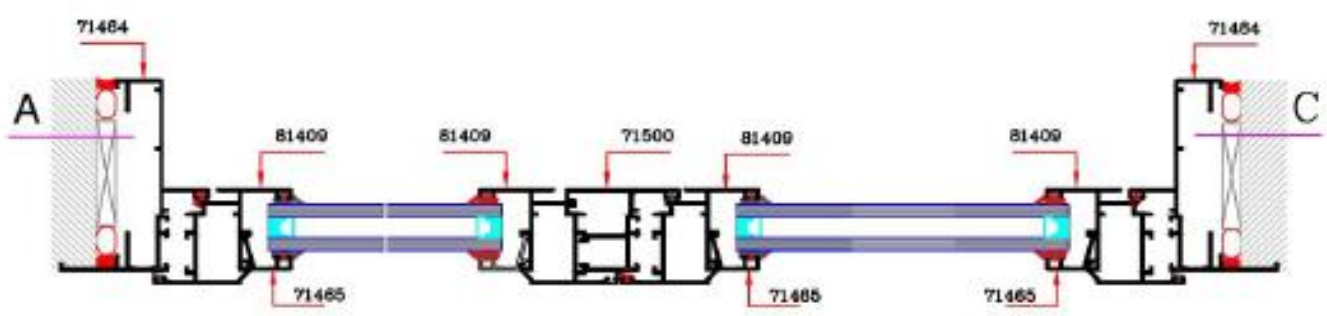
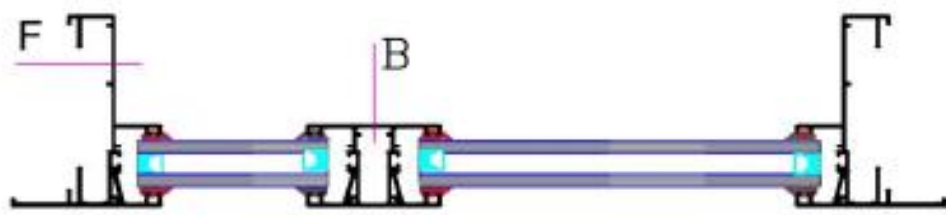
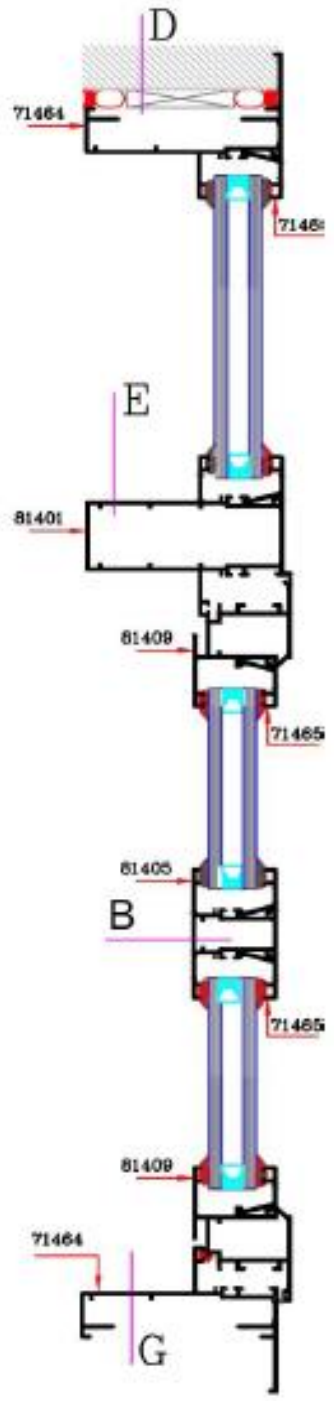
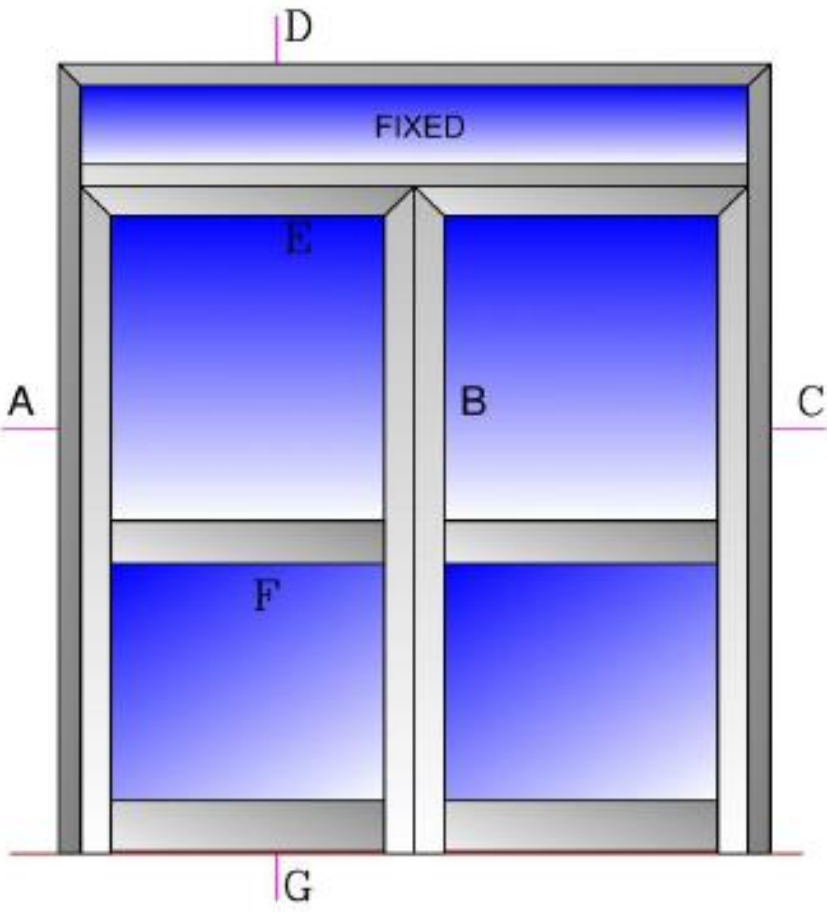
SLIDING SERIES -120mm



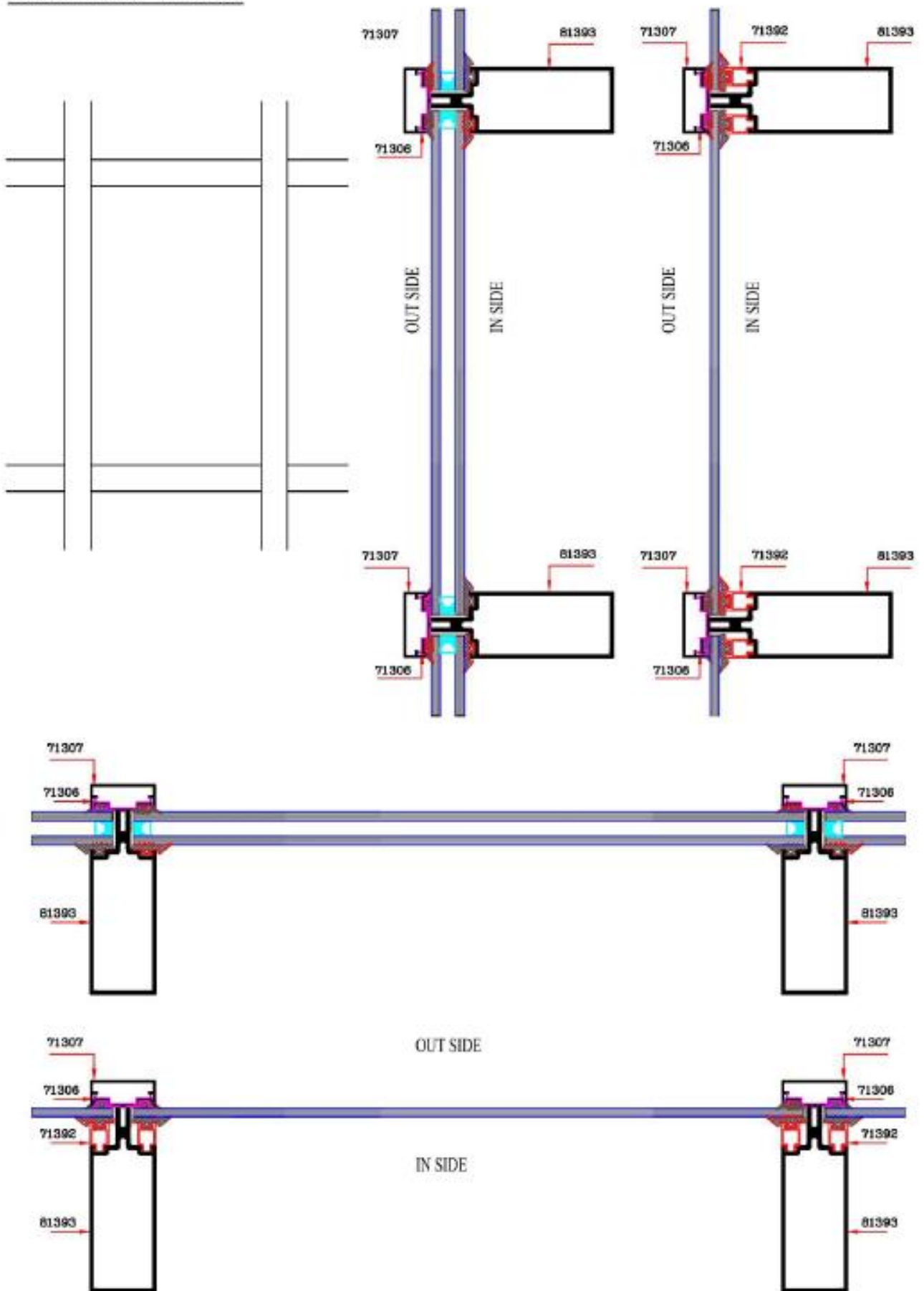
SLIDING SERIES - 105mm



HINGED 45mm



CURTAIN WALL



SOME OF OUR PROJECTS



Curtain Wall



Half Umbrella



Full Umbrella



Double Glass



Kitchen



Windows



Handrail



Mosques



Storefronts









TABLE OF CONTRATS:

- OBJECTIVES.
- SEQUENCE OF WORK.
- MANPOWER REQUIREMENT
- MATERIAL REQUIREMENTS.
- PLANTS AND EQUIPMENT REQUIREMENT.
- RESPONSIBILITIES/SUPERVISION
 - The Engineering Department.
 - Site Team.
- PACKING AND SITE DELIVERY.
- INSTALLATION OF WINDOW.
- INSTALLATION OF HINGED AND SLIDING DOORS.
- GLAZING.
- APPLICATION OF SEALANT.
- POWDER COATING.
- HEALTH, SAFETY.
 - Task Lighting.
 - Emergency Arrangements.
 - Communication.
 - Communication.

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KAWAOKA SUDHARMO
KAWAOKA SUDHARMO

- OBJECTIVES:

The method of statement describes the sequence of events from the receipt of the order through the completion of the Aluminium windows and doors related glazing work. All work will be carried out in accordance with our Quality Control System.

- SEQUENCE OF WORK:

The sequences of activities to take place as follows.

1. Submit all relevant Technical information, specification sample submission and design with main contractor/consultant and the same to be approved by Consultant.
2. Shop Drawings.
3. Site Survey and measurement to be agreed upon in advance between Main Contractor and Subcontractor.
4. Fabrication and Inspection of all units.
5. Delivery at Site.
6. Installation & inspection of units at site.
7. Final inspection and hand over.

- MANPOWER REQUIREMENT:

The manpower requirement for specific task or types of employment, the selection procedures includes:

1. Educational/Technical knowledge
2. Medical Fitness/History
3. Practical abilities/Experience

Supervision to ensure that there is an adequate supervision is properly trained and qualified person and that the correct and safe working practices are observed.

- MATERIAL REQUIREMENTS:

1. Material requirement is undertaken by the Procurement Department, based on requisition prepared by the Engineering Department in compliance with the approved shop drawings and approved material. The program of procurement shall suit the fabrication starting followed by the site installation start.
2. Suppliers are selected on the basis of their compliance to the specification of the designed products and technical system.
3. Certificates of conformity are obtained from supplier for the goods received, which are out of the TECHNICAL system such as silicon, anchor bolts, rock wool etc.

4. Glass will be procured from the specified glass manufacturer whose product corresponds and fully complies with the requirement of the approved glass.

- **PLANTS AND EQUIPMENT REQUIREMENT:**

1. To achieve the best result in terms of time and quality all items pre-assembled in factory, all plant & equipment used in factory are tested and certified and used by the well trained operators, who maintain the weekly inspection.
2. Personnel Protective Equipment
3. All power supplies shall be provided by the main contractor & we shall use power tools in good working condition/guarded. Industrial Power sockets and well insulated quality and cables shall be used.

- **RESPONSIBILITIES/SUPERVISION:**

- **The Engineering Department.**

1. The engineering team will control the Production Process, design of Shop drawings & erection/fabrication drawings. This team will be based in the head office / factory.
2. The team shall also attend site meetings when it is necessary
3. A team of experienced designer/draughtsman will assist in the Engineering Department.

The Engineering Department will design and erect the shop drawings based on the following drawings:

1. Architectural drawings and specification.
2. Architectural requirement and special details.
3. Site requirement and method of installation.
4. Structural capability and adequate
5. Technical system profiles and solution of the project requirements and needs.
6. Glass specification and glass type's requirement.
7. Client requirements.
8. Consultant advice.
9. Contractor requirement and advice.

- **Site Team.**

Site Engineer and experienced foreman will be appointed to supervise the site Installation.

Project manager:

- Will manage the contract and all site staff and Technicians, production orders and site installation matters.

- Will be responsible for all the correspondence. The contract and all staff and Technician.
- Production order to the factory
- Site installation matters

- All the correspondences between the main contractor, consultant & head office/ factory, suppliers and subcontractors.

- Site Engineers and experienced foreman will be appointed to supervise the site Installation and assist Project Manager for this purpose as per the progress indicated in the Main Contractor Program of Work.

- **Packing & Site Delivery.**

- All fabricated materials re-inspected, labelled with QA/QC check list and protected with protection tape are arranged in safe suitable way of loading, transporting and unloading by our trucks.
- The composite of every shipment will be recorded and listed in the delivery order sheet to allow the site Engineer to control the quality and units received. A copy of the delivery order will be forwarded to them
- Storage will be done at site as per located areas, which will be used as temporary storage area during installation.
- Shifting materials (Aluminum/Glass) by crane/lifter (multiple floors) /Manpower for low levels.
- Store materials on the specified floor for distribution in their places for installation.
- Scaffolding shall be available on site for installation/Fixing (Alum. Frame/Glass).
- Layout: The site should be surveyed, any discrepancies shall be reported to the Main Contractor.
- Sizes/levels and information relevant to installation must be furnished or coordinated by Main Contractor to initiate proper fixing units.

- **Installation of window.**

- Ensure all opening are as per the approved shop drawings.
- Verify site dimensions prior to start of fabrication
- Structural openings will be verified and checked to fit the agreed measurement and alignment.
- Installation of frames done according to the details & approved drawings or as per site Measurements.
- Frames shall be rigidly anchored by use of stainless screws.

- Once the frame is checked for correct alignment, plumb, and square, all fixing screws will be tightening properly.
- All fasteners and anchors shall be concealed unless otherwise directed by consultant/client.
- Aluminium brackets will be bolted to the concrete wherever needed.
- Any construction mark to the finished frames shall be rectified as per engineer approval.

- **Installation of Hinged & Sliding Doors:**

- Assembly of frames, shutters and glazing will be performed at factory according to our system and using special tools and machines for this purpose.
- Doors and Windows We Delivered to the site fully glazed including hinges, locks etc.
- Structural openings will be verified and checked to fit the agreed measurements and alignment.
- Installation of frames done according to the details and approved shop drawings.
- Keys for Aluminum doors, three keys for each door lock cylinder & master keys shall be handed over with plastic tag labelling door type & location on it.

- **Glazing:**

- Specified and approved glass shall be ordered and delivered to site as approved by the Consultant.
- Scaffolding shall be available on site for installation/Fixing (Alum. Frame/Glass).
- Glazing is secured by a bead and gasket system.
- All glass will fix from outside
- Hold and lift the glass with glass grip.
- Keep the glasses on its position/glass carrying profile?
- Screw the glass with pressure plate and cap.
- External access shall be required by cradle to fill sealant at window gaps.
- Clean off all marks from glass and leaving the glass cleans.
- Application of silicone around the window perimeter according to approved colour and location.

- **Application of Sealant:**

Application of silicone sealant at the projects between Aluminium frames and wall:

- 1 Clear joints and surfaces free from grease, dust or other contaminates by brush and cloth.
- 2 Application of approved silicone sealant will be done with the help of gun.
- 3- Tooling all sealant surfaces to produce smooth surfaces.

- 4 Masking tape will be used where necessary to prevent contamination of adjacent surfaces.
- 5 Tape will be removed immediately after completion of the joint.

- **Powder Coating (Powder coaters Method of Statement):**

1. Material is received from the fabricator / extruder and any visible defects / transit damage or visible corrosion which is informed immediately to us and only after our go ahead do them of load the metal.
2. Protection
3. During installation protection of Aluminium frames (exposed surface) will be provided by Main contractor up to the time when works are completed. The protection tape will be removed out of Aluminium surface and thoroughly cleaned off.
4. If the main contractor requires the protection to remain on the Aluminium/glass/cladding or until the completion of the building, we will instruct on the recommended cleaning removal methods for final inspection.
5. Cradles are used to remove protection tape from outside.

- **HEALTH, SAFETY :**

The cost of accident is unacceptably high both in human and in financial terms. We have a plan to brief the employees working on site and factory about accident prevention, where accident occurs, some of work common communication about following factors:

1. Lack of knowledge
2. Careless attitude
3. Working without authority
4. Lack of ability
5. Poor tools and equipment's
6. Taking short cuts

Task Lighting.

Working is scheduled for daytime. If working in night shift, Main contractor will arrange for flood lights or task lights for installation purpose.

Emergency Arrangements.

The safe purpose of work, this will include safe means access egress during normal daily work routine as well as in emergencies, safe equipment and safe system of work permits for hazardous jobs.

Communication.

1. Communication and co-operation with Main Contractor Health and Safety Plan.
2. Communication of key issues to site personnel.

3. Communication with the work place.

4. Communication.

1. Identify all hazards at work to working peoples.
 2. Decide who might be at risk.
 3. Evaluate the risk.
 4. Record significant findings.
 5. Review and Revise
1. Our material storage will be done at site as per located area, agreed with Main Contractor.