



HPCL



BPCL



IOCL



INDUS PROJECTS INDIA

Key Services :

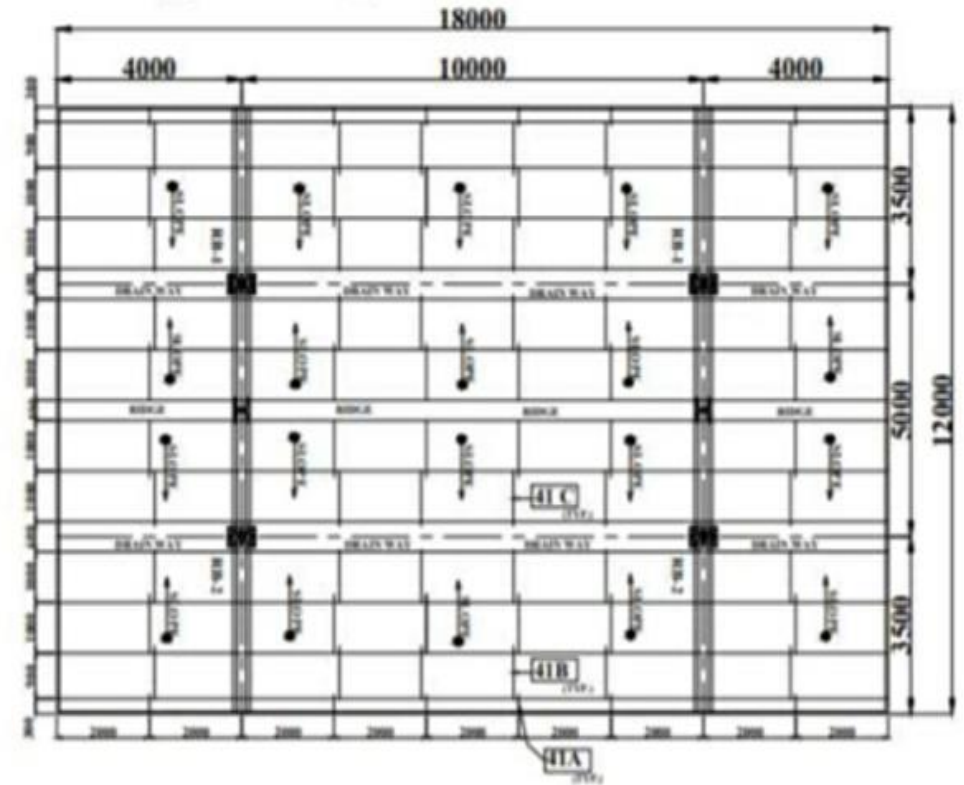
- ❖ Foundation
- ❖ MS Structure
- ❖ Roofing and False ceiling
- ❖ Light Fitting
- ❖ RVI Fascia work
- ❖ Logo
- ❖ Water/Air Canopy

Designing and Drafting

Designing of canopy : Canopy is designed as per Indian national building code and other relevant IS Code for building

1. Live load and wind load are taken as per IS 875:1987, and Seismic loads as per IS 1893 part-1:2002.
2. Allowable stress in steel and concrete is taken as per IS 800 : 1984 and 2000, respectively.
3. The Allowable soil pressure is adopted as per SOIL TEST conducted at site/near by area. These are standard code for designing of canopy.

Drafting/Construction of Canopy: Once the designing code is final, according to the drafting and construction of canopy.



Key features of Canopy

The Canopy is pre-Engineered at factory:

1. **Canopy Primary and Secondary Members** is to fabricated at factory with all necessary material and bolting as per drawings.
2. Erection and elevation of canopy with complete accessories material done on sites. **Structure erection, roofing false ceiling, light fitting cable fascia RVI ACP work, etc.** are complete at time of erection.
3. **Time commitment and certification** of canopy as per standard material checklist are submitted to customer for their knowledge.
4. **Canopy Material warranty and stability against the work is our key services**, We provide our best and try to maximize this for a particular time.



Pre-Fabrication of Canopy

The Primary and secondary part of canopy is Pre-fabricated at factory space, where we can construct it accurate size and maintain the quality of work. All material is taken as **SAIL/GSW/TATA/ISI** etc.

Column and Rafters are primary member, which are used to hold all the secondary members and accessories

The **Secondary Member** are Purlins, Fascia frame, Roof sheets, Water gutter, Drain-pipe, GI back fascia, Metal false ceiling, LED light fitting, Cable fascia RVI materials, Logo, Spreaders etc.

Fabrication and Zink primer painting done in our workshop the quality of welding and paint inspected before the dispatch of canopy.



Installation or Erection of Pre-Fab canopy

1. Once the Canopy structure fabricated as per drawing. **Canopy's each parts is assembled** on site to final erection.
2. A 14-ton hydra need to erect the whole structure. The skilled manpower play a very important role in this erection. The whole canopy structure erection is done as per part list of the canopy.
3. Before erection, the **Pre-Engineered** canopy, the final water level of column and bold must check and after erection we should also check again and checkout whole structure nut bold and proper tighten.



Installation of secondary material/Accessories



1. The bare Galvanized roofing sheets erection done with the water gutter and drainage pipe-line.



2. Once the roofing sheeted, We start the false ceiling. It is metal -150F false ceiling with off white powder coating material approx. 30 – 45 micron.



3. With parallel to false ceiling work lighting fitting and cabling is also done. Apart from this some work inside the false ceiling is also completed.

RVI Fascia Work

Canopy RVI fascia show the branding of cooperation and differential to other stations. The 3 mm aluminum composite panel are used for canopy branding work. The Milky white, Dark blue, Yellow, Orange etc. Logo Installed with 3mm ACP sheet with inbuilt light for branding work.

1. MS tubes is used for canopy fascia framing as per structure plan section.
2. Canopy logo work is done with 3mm ACP sheet Milky white, Dark blue, Yellow, Orange etc.
3. Column cladding and spreader work is part of RVI fascia work is done for company branding.



Air/Water Canopy



1. Air canopy is also built as per standard procedure for customer's convince.
2. Water canopy is widely used to serve water at station which attracts customers .



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