Over the last fifteen years architects from all over the world have turned their way to Shanghai to design buildings. The Communist Party in the 1920s turned the city into a flashy, fun, and futuristic place with nightclubs, luxury hotels, and multitudes of high-rises.

The Modern architectural style came about with the availability of new materials such as steel, glass, and concrete and as a rebellion against the more flashy styles like Victorian and Edwardian Art Nouveau. Plaza 66 definitely fits this description. Its large tower has been called “dull glass towers” by the English news source The Guardian Unlimited.

This style was introduced around 1900 and describes buildings for which the commonness of the elevator and the modern boiler room were acceptable. The style was very few ornamented, which is why the interiors tended to be small or windowed.

The buildings have an upward spiral to their way to Shanghai to design buildings. This was accomplished through the use of atriums that is a movement, come, and an arm. The result is an architectural energy that reflects the spirit of expansion.

Most relate the larger tower itself to the feeling that the street levels. The retail podium includes:

- An atrium, shopping center, and atrium’s face of the building is made up of glass and steel.
- The tower is seen from far away and symbolizes the commercial presence of the client.
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A large retail mall is housed within the podium to the left of the tower with this plan. The mall is surrounded by glass and glass-like material and is a part of the building’s façade. The mall is 30,000 square meters in size and includes five levels of retail space.
Outrigger Frame System

Structural Information

Typical Floor

- Column, beam, slab

- Concrete outrigger connect locally available

- Height of outrigger = 1300mm deep, 375mm wide

Outrigger Level 1

- Each outrigger wall has four large openings, two on each floor

- Concrete core wbottom members of the outrigger

- Required of the outrigger while it transfers the shear.

- Bamboocross bracing for support

- Explosives used to free

- Used Some Structural Steel In the lantern crown on top of building

PLAZA 66

Sand and clay filled piece of land

- Settlement

- Initial predictions were too much

- Final prediction of 123mm

- Column, beam, slab

- Height of building, average 3m

- Stiffness with minimum

- High water table:

- Bentonite slurry-wall method (basement only)

- Construction Process

- Four planes of internal concrete cross bracing for support

- Corroded from top beam

- Explosives used to free

- Diagonal braces.

PLAZA 66

Lantern

- The presence of lantern steel framing can be detected through translucent glass that surrounds it, both inside and out.

- Used S

- Le level

- Structural Steel in the lantern crown on top of building

References


