

The Library and Conference facilities are accessed by lift and stairs from foyer. Located at the base of the Monument, the roof is covered by earth to help keep it cool and top-lit by skylights.

The tall structure is generated by a continuously rotated single spiral unit rotating at a rate of 2.14 degrees / 1000 mm in altitude gain).

**Location and Orientation:** The structure fits harmoniously into the existing Zabeel Park and orientated to interconnect with the existing layout and walkways. The foyer can be entered from either side, the structure can be approached from all directions. One side of the building is orientated towards the water and the restaurant, the other opens onto the landscaped slopes of the park.

Service access to the building is along an existing path, which would be widened as part of the development to allow for service traffic and any emergency vehicles to access the site.

The Podium consists of two levels. The lower level comprises a library and conference level, whilst the foyer on the upper level is the entrance both to the library below and the café level at the top of the building.

The Foyer is an open space with clear visibility to the central lifts. The journey of the spiral panoramic lifts also begins here. The foyer can be used for social events and here is envisaged to be used as a staffed information point. Here information can be found out about events both in the building in Zabeel Park, in Dubai and across the region. The foyer can also house temporary exhibits, administered by the Library and Collaborative Centre.

The Library and Conference facilities are accessed by lift and stairs from foyer but there is also direct access to parking (personnel). Located at the base of the Monument, the roof of the library is covered by earth to help keep it cool and top-lit by skylights. Facilities cater for small library housing a small collection of books for children. In keeping with modern library practice the library is also a digital and multimedia access point with interactive capability. The internet and the digital materials and programs administered by the Library allow it to become a collaborative facility where Staff, Parents and Children can play, participate in joint activities and learn together about the world. The Library is also a place of study, and the library also contains a small facility suitable for conferences. Additional work rooms and offices are also provided. The Library can also house an interpretive and education centre: The International Collaborative Centre for Chronological Practices - which studies and helps to spread understanding about the different ways by which cultures calibrate and measure the passing of time and the making of calendars.

There are handicapped toilets on the foyer level and larger facilities on the library level.

There is an interconnecting tunnel under the library linking the two spiral paths for the panoramic lifts. Lifts arriving from the roof deposit their passengers on the foyer level and then loop around through the tunnel to arrive at the Departure point on the library level for the upward journey (One spiral path is for the downwards direction) the other is for the upwards journey.)

**Roof level:** The Café and Viewing Platforms are situated on two levels, a main level and an observation gallery. There are minimal facilities for food and beverages (Beverages and Cakes - delivered on a daily basis) and toilets on the main level. The Café level offer a 360 degree panorama of the surroundings. There is access via the lift from the Café level to a further viewing platform on the roof. This can also be used for astronomical and weather observations and for the activities of the Library and Collaborative Centre.

The main Café level is also the arrival and departure point for the "Panoramic" lifts which travel in a spiral around the building.

The Roof level can be accessed by continual ramp and additional lifts in the central core.

**Parameters:**  
 Height: 163.5 metre (163.5 DMD)  
 Diameter of structure: 30 m  
 Area:  
 Podium: 750 m<sup>2</sup>  
 Café: 140 m<sup>2</sup>  
 Viewing galleries: 140 m<sup>2</sup>

±0.00  
FOYER LEVEL 1.

FOYER LEVEL 2.

FOYER LEVEL 3.

0 10 20

+12.00  
FOYER LEVEL 5.

+27.00  
FOYER LEVEL 10.

+42.00  
FOYER LEVEL 15.

+57.00  
FOYER LEVEL 20.

+72.00  
FOYER LEVEL 25.

+87.00  
FOYER LEVEL 30.

+102.00  
FOYER LEVEL 35.

+117.00  
FOYER LEVEL 40.

+132.00  
FOYER LEVEL 45.

FOYER LEVEL 48.

FOYER LEVEL 49.

+150.00  
FOYER LEVEL 50.

# TALL EMBLEM STRUCTURE IN ZA'ABEEL PARK DUBAI

2009 XI THYSSENKRUPP ARCHITECTURAL ELEVATOR AWARD

