

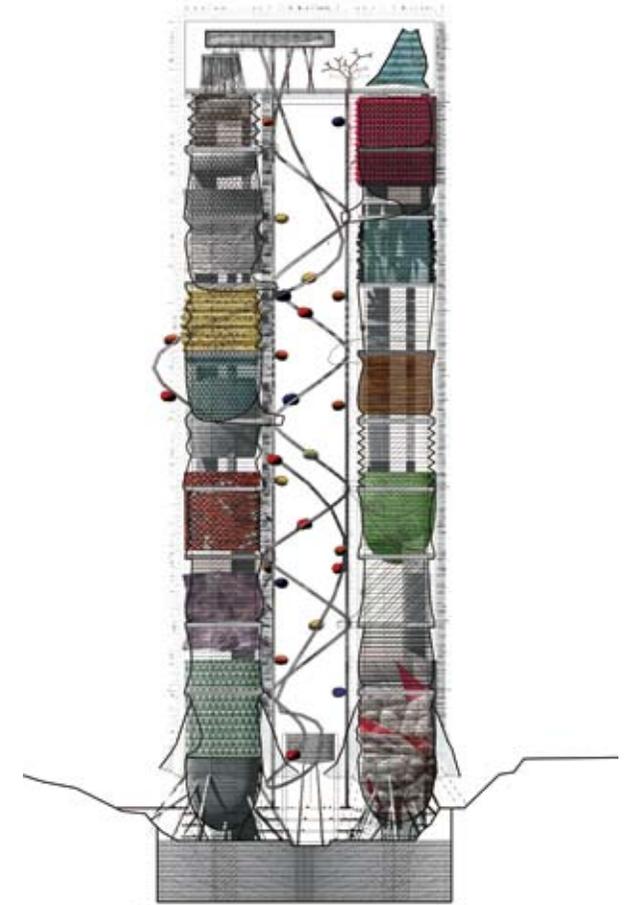
→Will Alsop

→Chongqing Twin Towers Master Plan, China

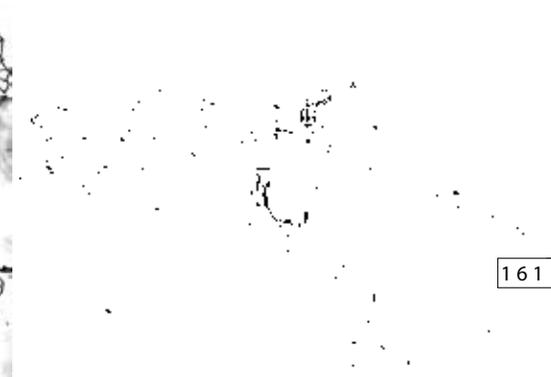
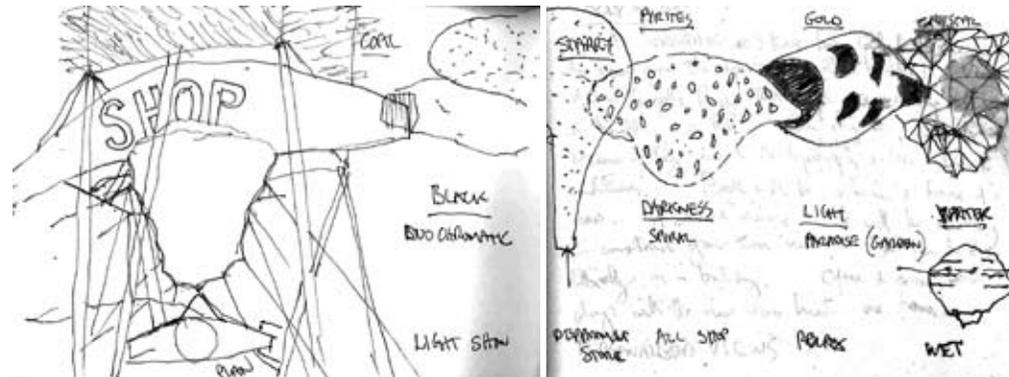
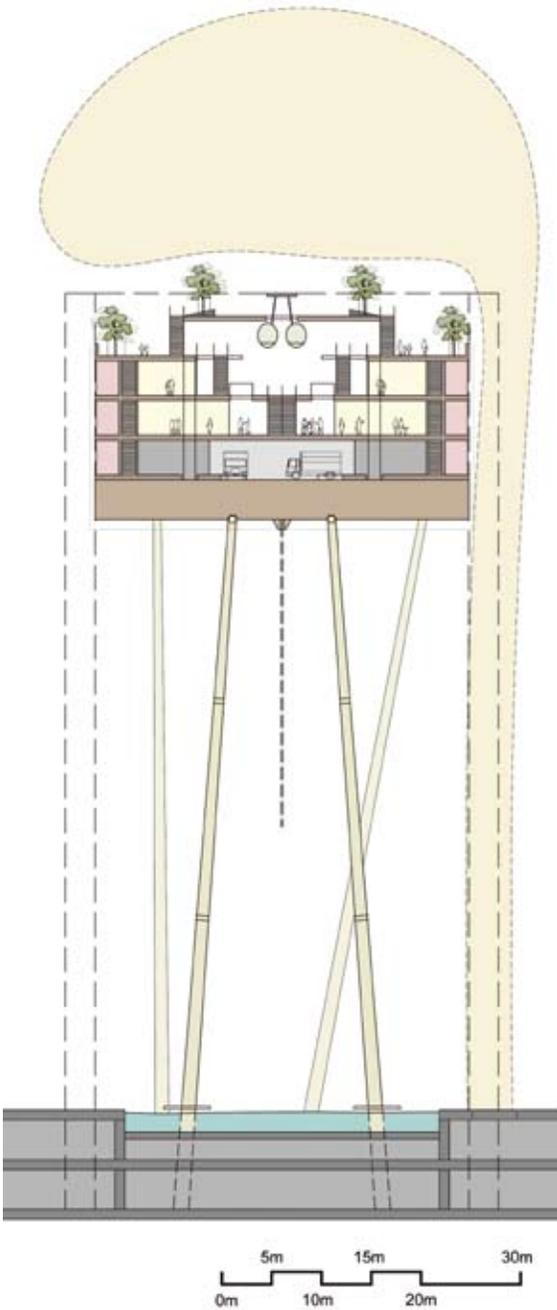
→Area: 1,404,200 sqm ///Design Time: 2010 ///Structural Engineer: Arup



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In Chinese history and philosophies, 9 represents what exists above the earth. The concept of the "Nine Heavens" is the most representative of all. The heaven, just like the earth, is divided into 9 segments. While the earth is divided into 9 metric sectors horizontally, the sky, or heaven, has 9 hierarchical realms. The representation of each of the 9 "heavens" mimics the structure and hierarchy of the human society. Therefore, we have incorporated the concept of "9" into our design proposal. We have nine lakes, nine residential high-rise buildings, nine "pebbles" which make up the elevated shopping street, and nine vertical segments in the main super tall twin "towers, which we call "Chongqing Nine Heavens Towers". The twin towers consist of office, 5 star hotel and serviced apartments. While the offices are located in the west tower, hospitality uses such as hotel and serviced apartments are located in the east tower. This arrangement minimizes the mixture of different uses, resulting in higher efficiency on its vertical transport system and floor efficiency. Each tower is made up by 9 vertical modules, each of which is approximately 65m high, 15 levels including a plant / refuge floor. The structure of the tower is also based on this module, providing a very efficient structural system with high strength



to sustain high wind and Chongqing's high seismic activities. The twin towers' double-skin façade system incorporates a controllable natural ventilation system to optimise the energy efficiency and sustainability of the building. The outer skin, the weather face, is 100% standardized, low-cost and easy to manufacture and construct. The inner skin acts as a thermal barrier and partition, which defines the internal environment. At 650m, these will be the tallest twin towers in the world. The twin towers are set within a steep undulating landscape, which is punctuated by 120 high-end villas as well as a series of high-rise apartment towers. The master plan is designed as a journey between the two metro stations- one at the northern end and

the other by the Yangtze River at the southern end of the site. A retail mall winds through the elongated site at its northern end and stays flat as you pass through the twin towers, so that as the site dramatically drops away you continue through a series of shopping pebbles with the ground 80m below you. It will be possible to catch a gondola along the site, and either stop off for a meal overlooking the river, or continue out onto a new island which will contain the 'Chongqing Kiss'. This unique visitor attraction will take you 250m up into the air to take in breathtaking views of the new master plan to the north and the city to the south.



