

優異獎: Team 4 伊利沙伯中學



Team 4 (3D Model 3D模型)

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500 字以內的作品描述 (中或英) 表述參賽作品如何呈現心目中的理想社區，及如何以設計概念表達測量師的工作。

Wan Chai is an old district. In British colonial times, the district was essentially nothing but a mere fishing village, with majestic views of the harbor and the peninsula beyond. From the Kowloon side of the Victoria Harbor, one could very clearly see the outline of the Peak rising beautifully against the scattering of huts that was the village in present-day Wan Chai, and smell the salty scent of the sea. A century past, and what remained of that fishing village has evolved, first into a shipyard, then with reclamation into a busy metropolis.

Nowadays Wan Chai is perceived as a hub for multinational organizations; in essence, a commercial business district. Land is scarce, skyscrapers are

everywhere, and no one seems to remember what the place used to be and is capable of being. People nowadays focus only on money, and what makes them rich, commercial and valuable residential properties sacrificing the natural landscape. With the result that people who goes there wear a mask, complains about the heat, cramped spaces, sooty air and deafening noises, with no regard of the fact that their own actions are the cause of all this unpleasantness. To solve these problems, one has to tackle them one at a time.

First, the heat. Heat in a metropolis filled with skyscrapers is often, if not always, due to the 'heat island effect', which means buildings get in the way of natural ventilation, blocking wind flow and trapping heat within the center of the city. The model enclosed uses the simplest method to deal with the matter, and that is to remove the barrier of buildings blocking the sea breeze to facilitate wind passage. This allows the wind to reach the center and remove heat effectively, thus solving the heat problem.

Then for the cramped spaces question, which, too can be solved by just removing skyscrapers. In place of those the model puts in buildings of various designs with the key idea that they all have to be low-rise. Skyscrapers give the average man a sense of claustrophobia, but low-rise buildings allow people to see the sky, thus relieving them of that feeling of cramped spaces. As for the sooty air, that is the product of the thousands upon thousands of cars which traverse the many roads of the district every single day. In the model, cars have limited access, instead encouraging foot traffic and bicycle riding.

The major roads have remained, mostly for the passage of public transport, but other means of transport will have to be considered by the public if they want the dust out of their lungs. Finally, the root cause of the noise pollution is cars, echoes from skyscrapers and humans. By doing the above, one has already solved most of this problem, with the rest left to human ingenuity. Noise barriers will have to be constructed on the remaining roads, but nothing much can be done for sound-producing humans. Such are the general ideas of the project.