

優異獎: Team 7 聖士提反書院



Team 7 (3D Model 3D模型)

St. Stephen's College 聖士提反書院

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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。

Since the last decades, Wan Chai has been well-known of old and substandard buildings with aging population. To revitalise the district, we have to strike a balance between public interests and economic development. Our target area is located between Swatow Street and Ship Street, about 5744 m². We have divided the whole area into Zone 1 (from Tai Wong Street Street East to Swatow Street) and Zone 2 (from Ship Street to Tai Wong Street East) and). After the project, Tai Wong Street Street East and Tai Wong Street West will be replaced by open spaces/green areas. Zone 1 will become a modern recreational and economic hub with more green designs, while Zone 2 will focus on improving the existing environment with more eco-friendly features.

In Zone 1, we have demolished most old and inferior buildings, and built new structures with appearance-wise and technological improvements. One of our highlights is 'Skyterraria' – the multi-purposed building. We have chosen to use smartglass with sensor as our major building materials, which would maximize amount of daylight in the building. There is also a green balcony, rooftop, and a sky garden that act as leisure areas for the public. With these design features and the insulation of rooftop green plants, the use of electricity as well as temperature can be lowered. The opening for the sky garden can increase the ventilation of the street. Shortly speaking, this building can save costs and improve the living environment of Wan Chai in long term. Another highlight includes the replacement of Tai Wong Street West providing more open spaces, which Wan Chai severely lacks. This would undoubtedly benefit social harmony and enhance the cultural accessibility by releasing more recreational spaces.

The open spaces in our design, which are situated both above ground level, will primarily be used as an outdoor performance stage that encourages and supports musicians and bands, presenting them with a chance to showcase their talent and communicate among fellow musicians. Also, there are flea markets that provides opportunities for locals and experts to promote their own cultures. Our underground street is designed with art and Hong Kong traditional cuisines in mind, with some of the stalls selling fish balls, egg tarts or milk tea. The underground street also has a art gallery that would have different genres of artwork regularly displayed for passersby to appreciate. The stalls is open for local residents to rent and use to provide more opportunities to local chefs

and artists. We have also incorporated preservation and revitalization in our proposal.

In Zone 1, the presence of The Pawn, also known as Wo Cheong Pawn Shop (which has been turned into a restaurant while allowing it to keep its historical value), is to revitalise Ship Street 18, of which the ground floor is now Hop Yuen Construction Ltd. We propose to cooperate with the said company and keep the building in its entirety, also turning the upper floors into a museum of sorts that will allow visitors to tour and learn about the structure and importance of cultural heritage in developing a district. The building, along with The Pawn, will become a major local tourist attraction, promoting tourism and boosting the economy of the area. Even though no major change was made to the overall setting of Zone 1, we have implemented solar panels in the rooftop and enhanced the green coverage in the areas. By adopting renewable energy, it can improve the air quality by reducing the emission of greenhouse gases from burning of fossil fuels.