



HKSAR's Participation in the 2011 Xi'an International Horticultural Exposition

Xi'an Chan-Ba Ecological District, Shaanxi Province



HKSAR had been invited to take part in the 2011 Xi'an International Horticultural Exposition (the Expo) which was held from 28 April to 22 October 2011 in Xi'an. The scope of the project comprises the design and construction of the Hong Kong Garden and the maintenance and upkeep works for the 2011 Xi'an Expo period.

The main theme of the 2011 Xi'an Expo is "Eternal peace & harmony between nature & mankind, nurturing the future earth – a city for nature, co-existing in peace".

The design ideology of Hong Kong Garden is "respecting nature, caring people", using plants, wind, landscape and other elements to elevate the visitors' spirit; also through modern green building concepts and abstracted geographical beauties in



Hong Kong, to explore the harmony among "people, cities and nature"

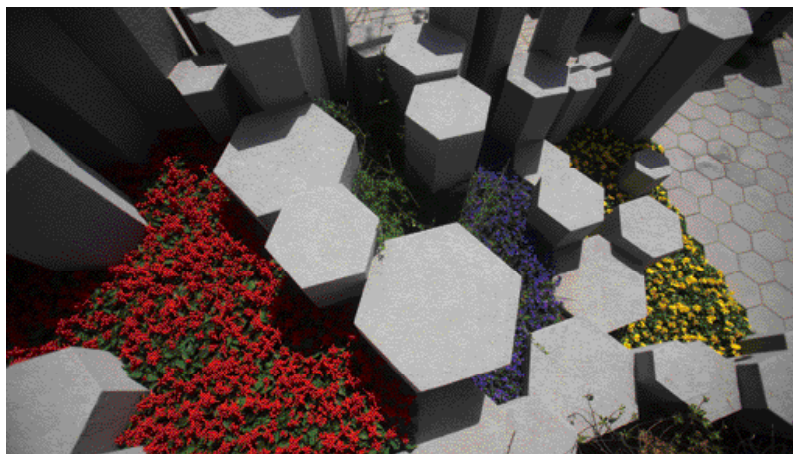
Among the design themes in Hong Kong Garden – "fragrance", "dynamism" and "environment", "sensation" is premier with several meanings:

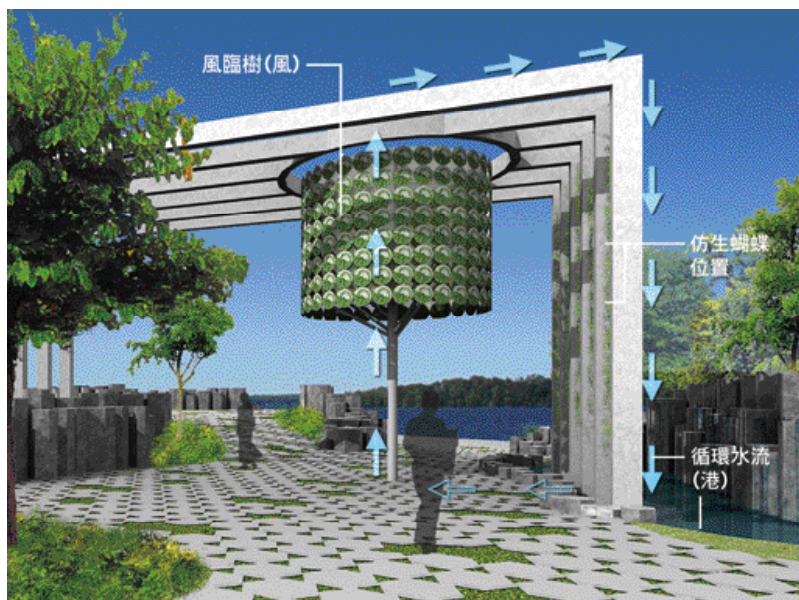
Sensation towards people

Multi-sensory tactile maps are installed at the entrances to assist people with different abilities to understand the Hong Kong Garden. The concept of 'Universal Accessibility' is applied so that whether the young, the old, even the wheelchair users, can tour freely in the garden.

Sensation through plants

A three-green-ring design concept is adopted in soft landscaping design. The garden centre is dedicated to showcase characteristic Hong Kong native species which are surrounded by an inner ring of plants from South of Yangtze. The Xi'an native plants form an outer layer of the garden. This ring concept not only creates layering spaces and enriches the visual effect; by blending plants from different regions, it represents the good relationship among





Hong Kong, an international city, with her neighbors and the host the Expo - Xi'an.

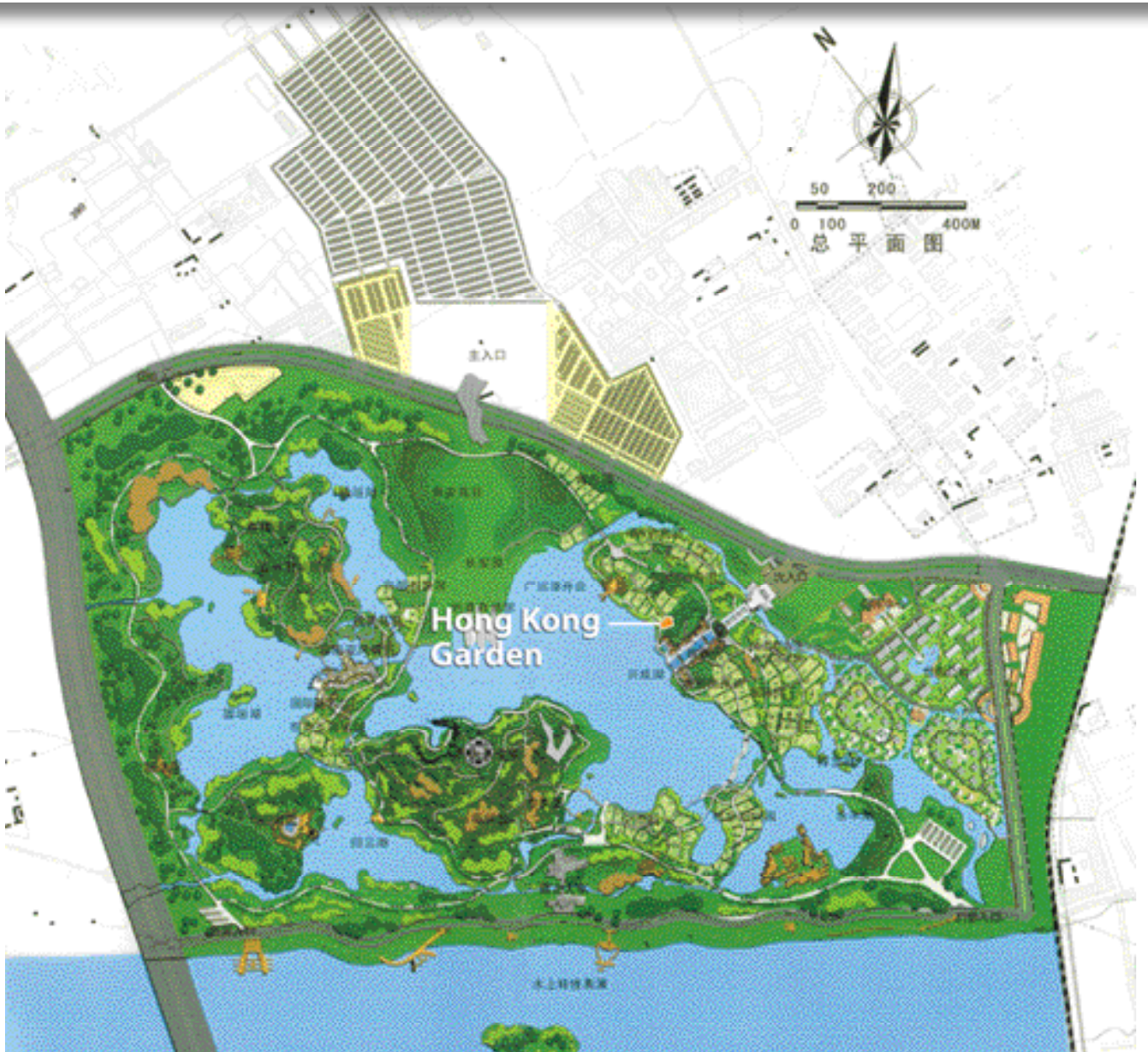
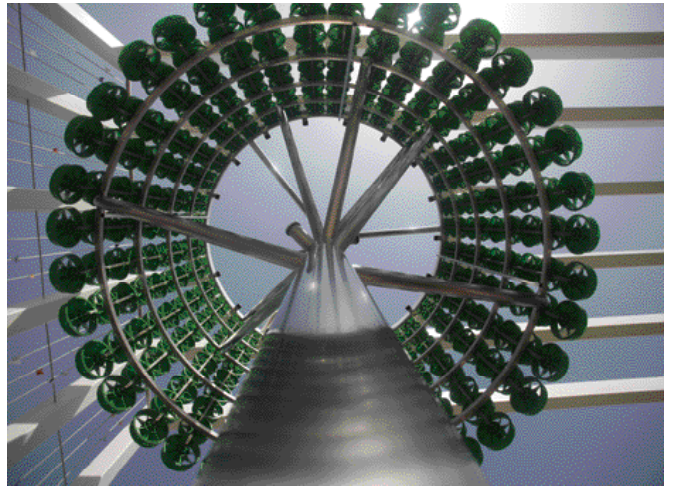
Sensation towards nature

Tree-ZE, an architectural installation, is constructed using mini-turbines developed in Hong Kong; the circular 'tree crown' captures wind in whatever direction to propel the turbines, interprets wind's presence as if it is greeting the visitors. When the turbines revolve, electricity is generated and fed into the main system, drawing water to height and then fall naturally down through the vertical green plants back to the pool. This scene portrays nature as a cycle and brings out messages in caring the environment and cherishing natural resources.

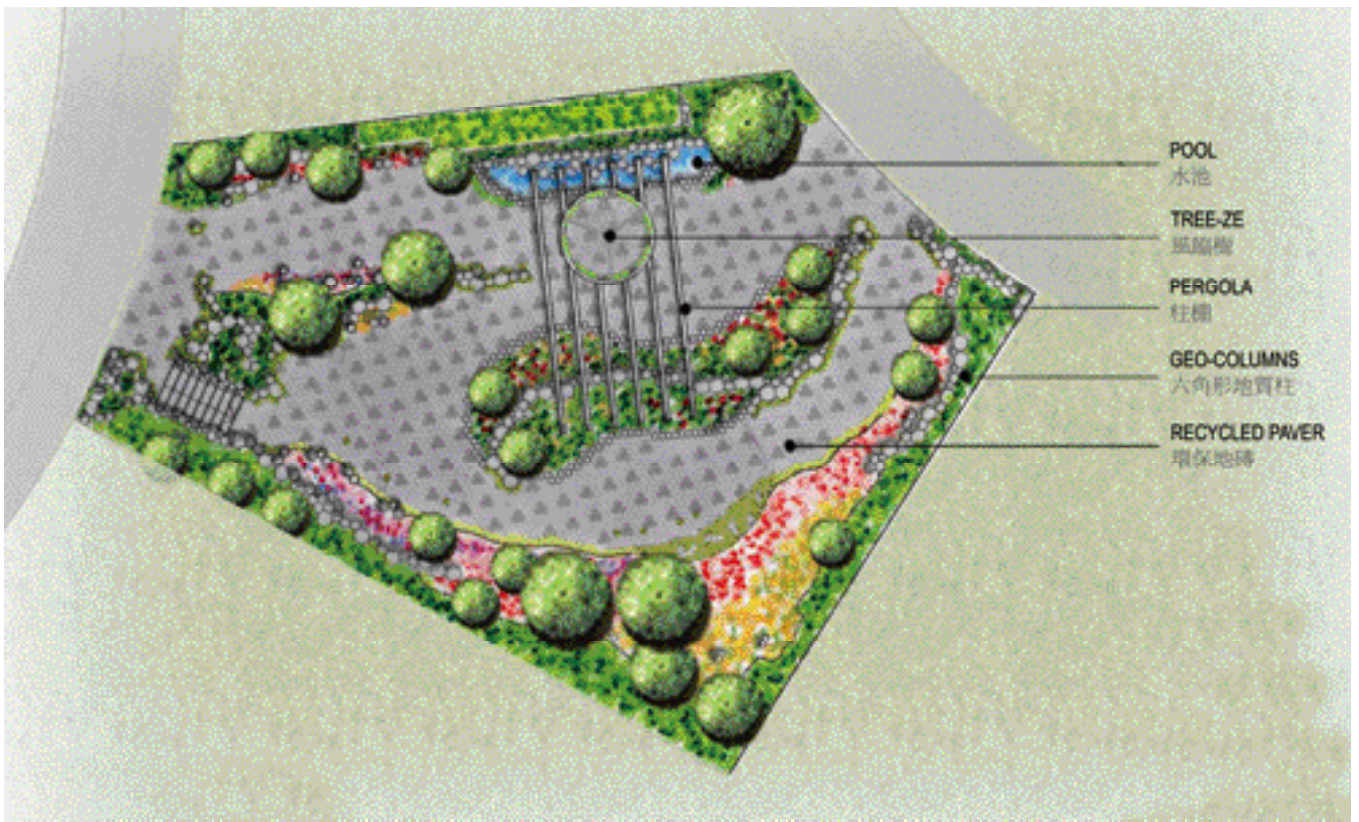
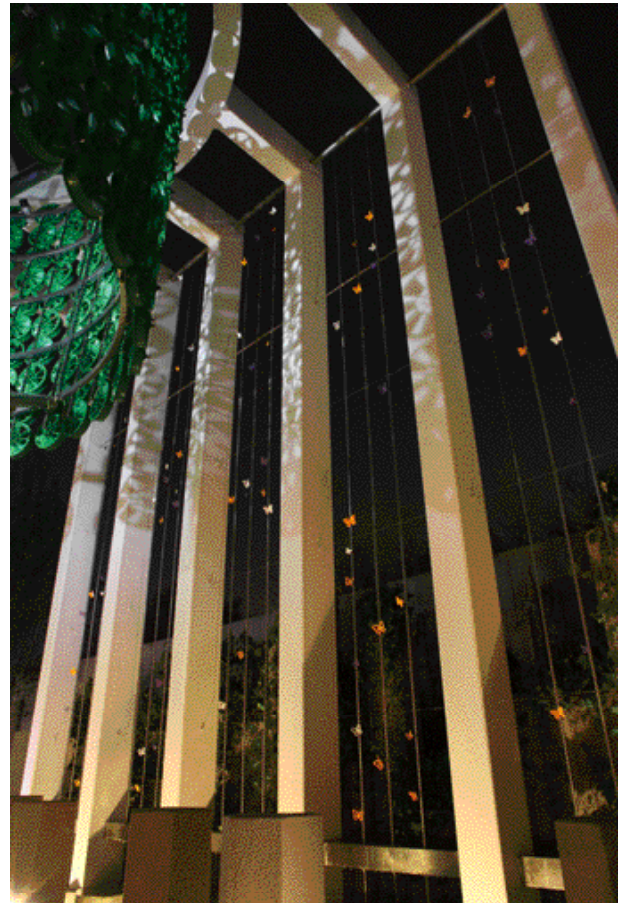
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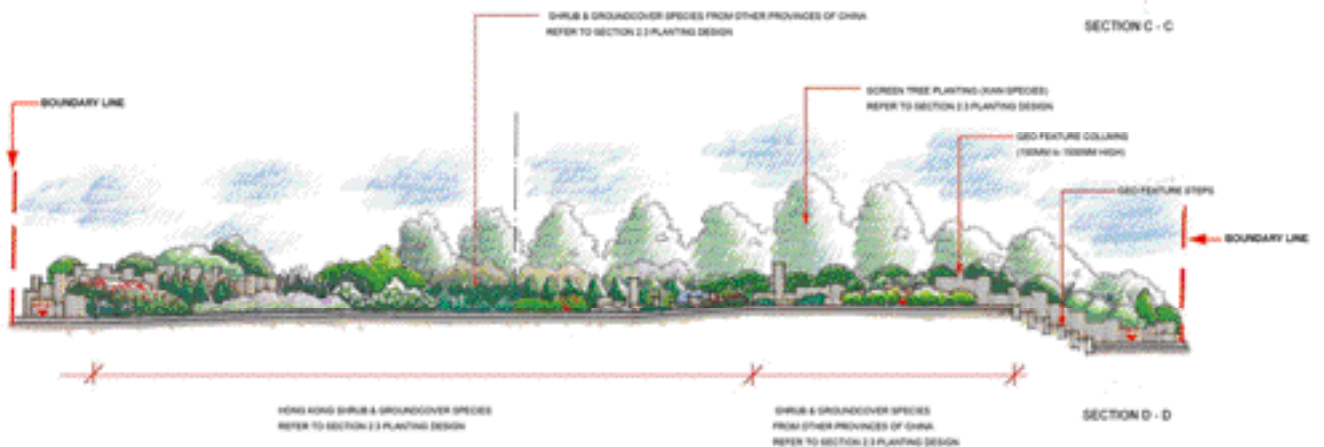
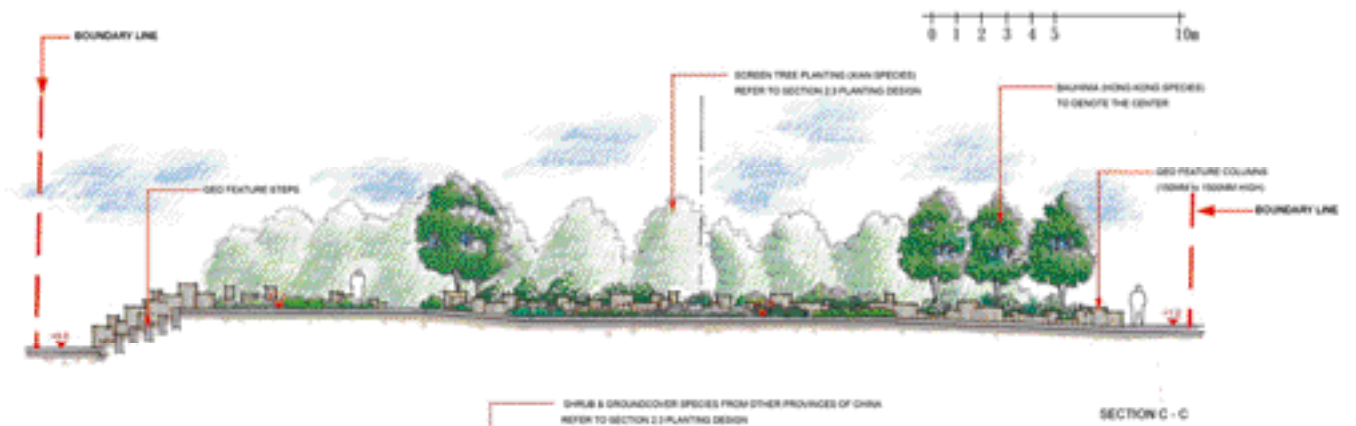
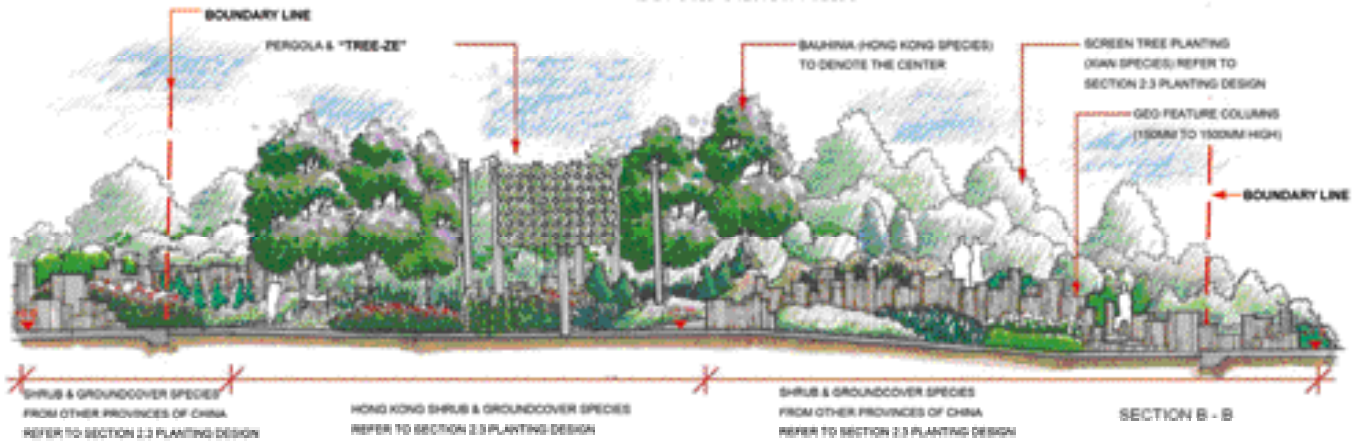
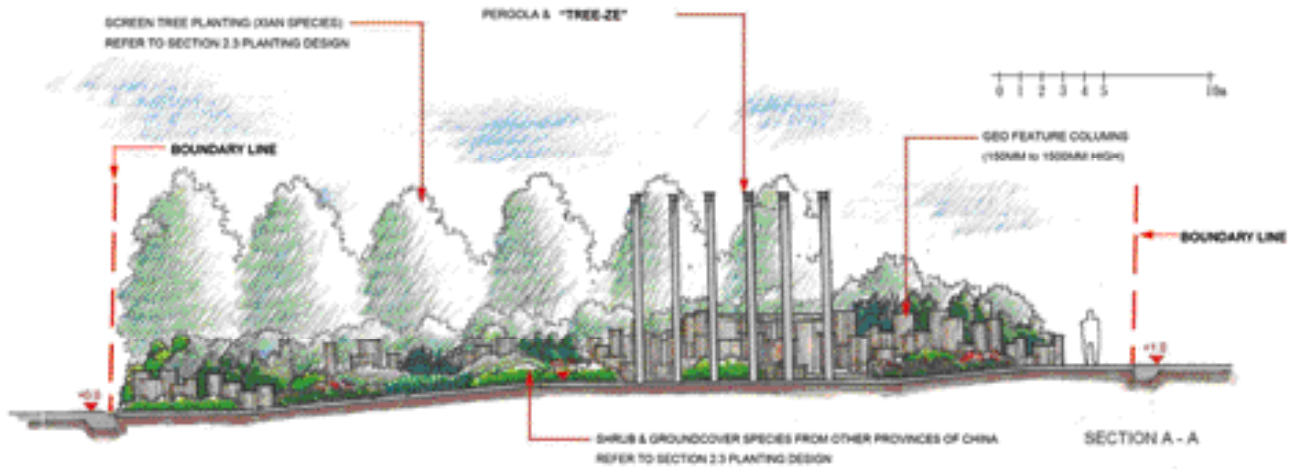
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Master layout plan



Site plan



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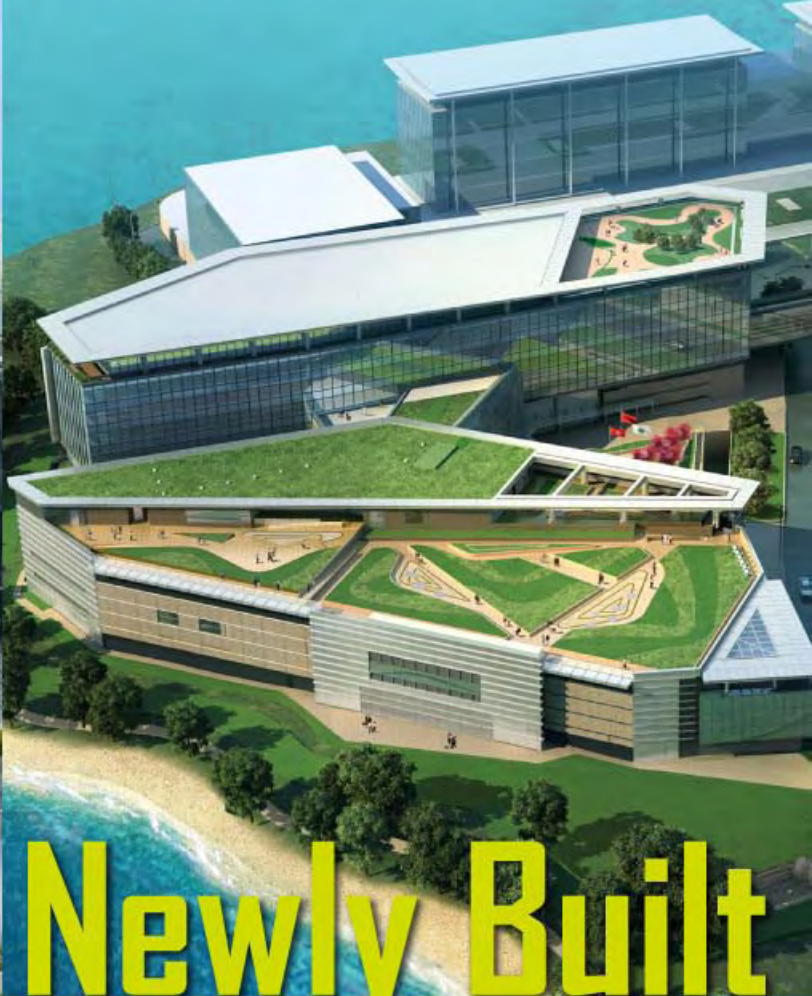
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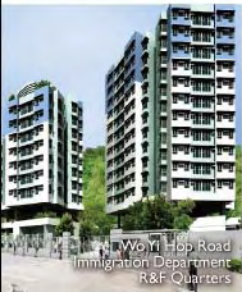
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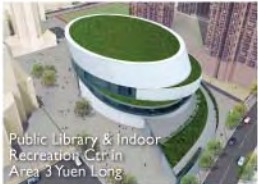
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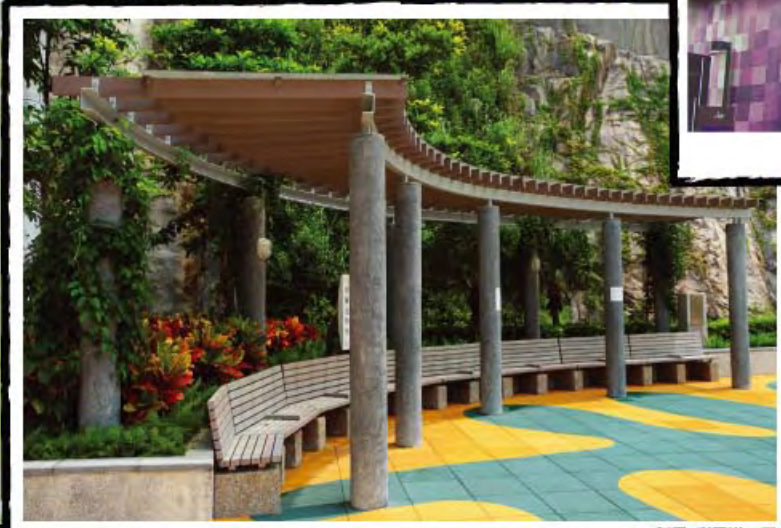


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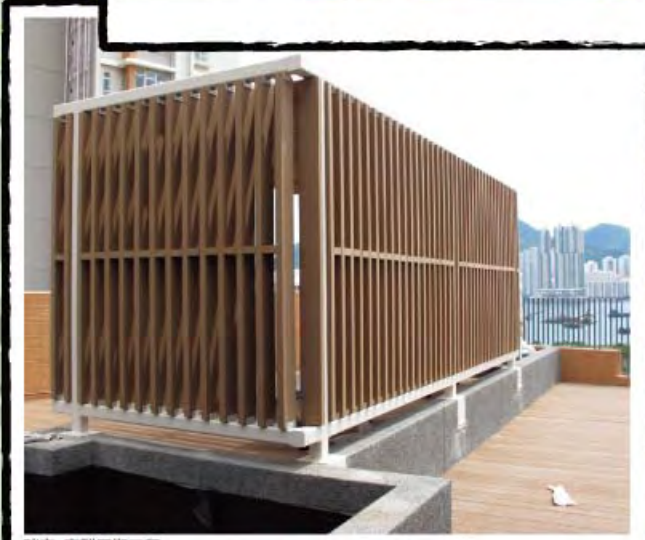
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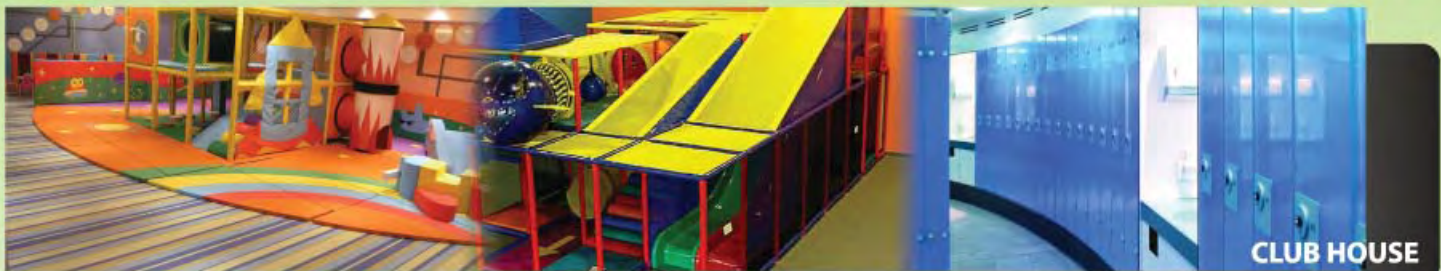
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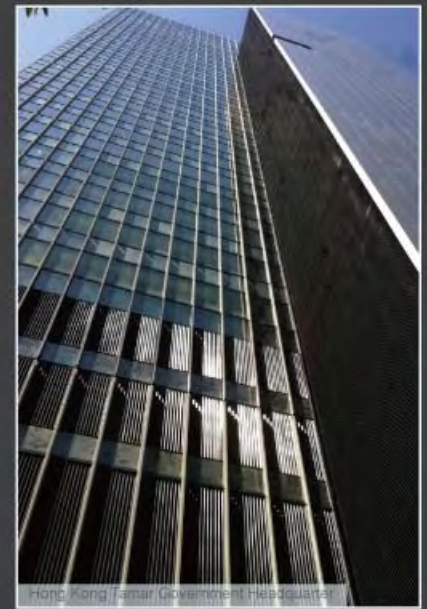
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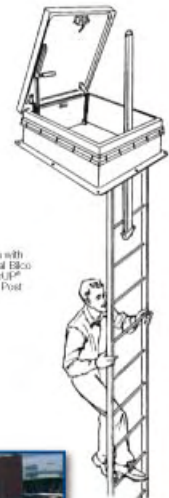
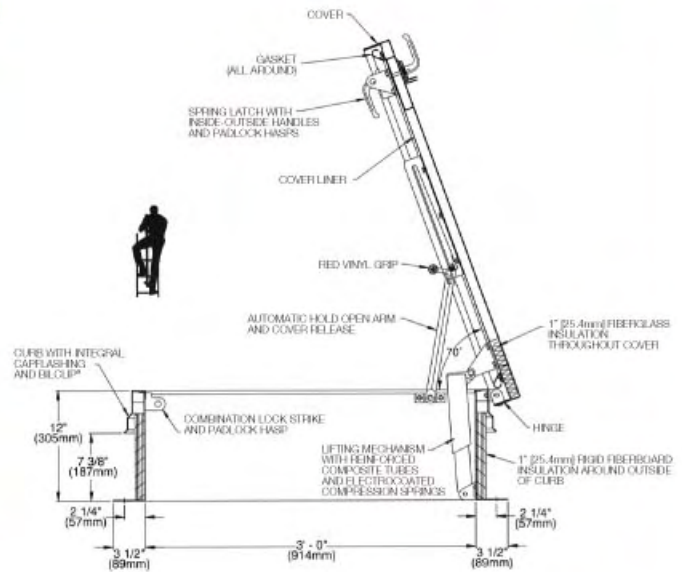
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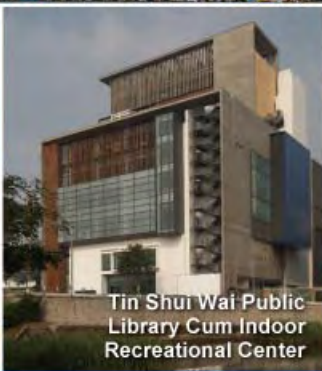
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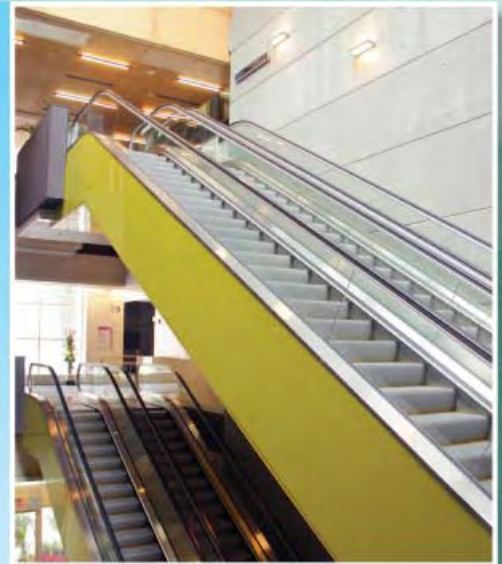
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