



New Civil Aviation Department Headquarters

Tung Fai Road, Airport Island, Chek Lap Kok

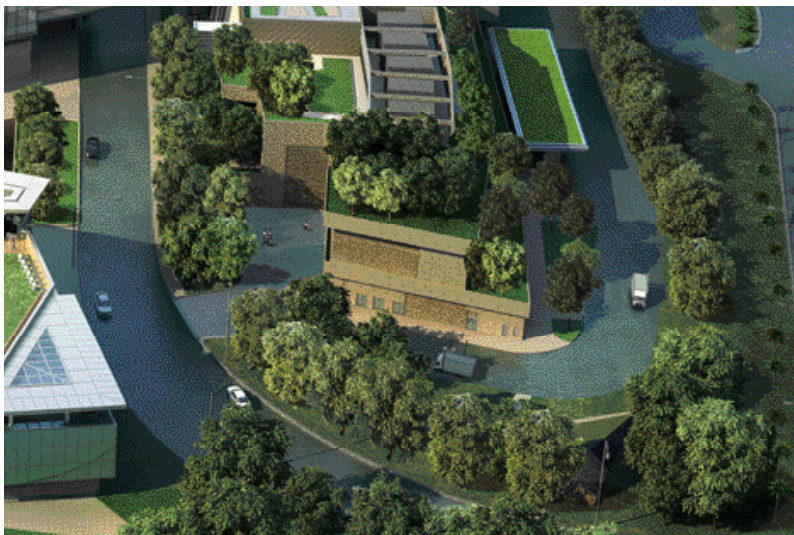


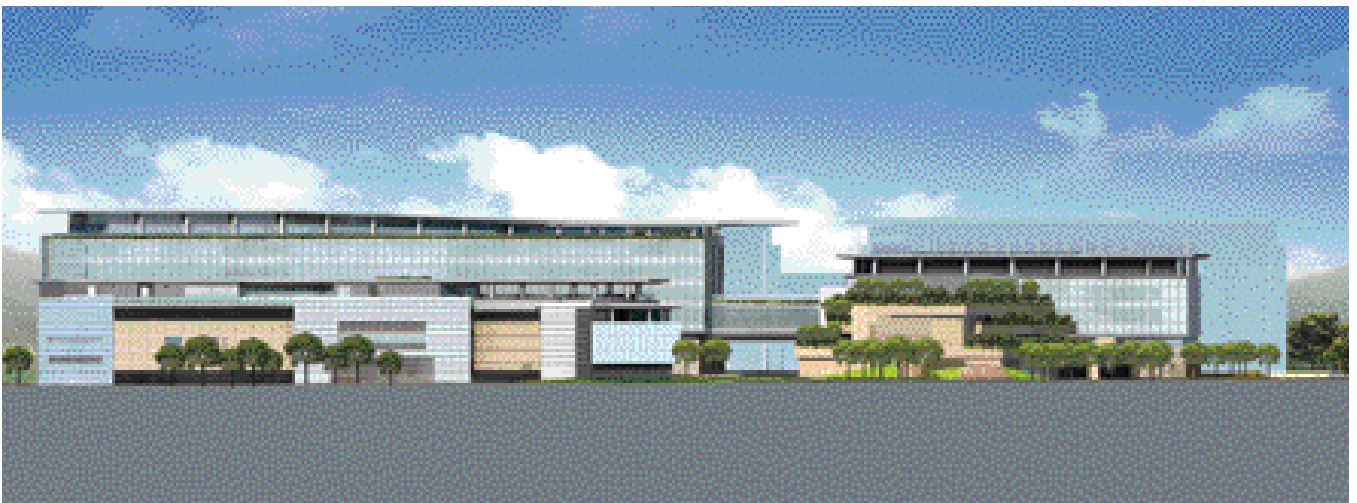
Attentive to the natural and urban conditions of Airport Island, the new Civil Aviation Department Headquarters projects a strong, iconic and distinctive image – a symbol of advanced aviation technology. Use of glass and metal on building facades, sleek detailing and good proportions, interplay of horizontal and vertical lines, refined interior decoration along with simple and clear graphics in a richly landscaped setting, all contribute to convey a serene, unified and high tech image.

In response to the operational needs of the department's various functional divisions, the design provides optimum working conditions within the key facilities such as the Air Traffic Control Centre, the Aircraft Accident Investigation Division and the Examination and Training facilities.

Other special areas that are meant to receive industry partners and visitors such as the main entrance lobby, the auditorium, the conference rooms and the Education Path are designed to reinforce the department's ability to promote understanding and interest among the general public and professionals, thereby enhancing its role in the regional and international aviation scene.

From the broad urban design context of the airport to the immediate site environment and microclimate, the layout is developed in harmony with the







surroundings, while offering a distinctive architectural vision to the passengers on their way to and from airport terminals and other airport sites.

The design adopts an environmental sustainable approach. A series of passive environmental strategies, in response to the local climatic factors such as wind breezes, solar radiation and natural daylight have been adopted. A series of innovative active strategies have also been used, including extensive green roofs, light pipes, solar tracking fibre optic lighting system, solar powered lighting, photovoltaic panels, and rainwater recycling. Overall Energy Approach has been adopted for building services system design to improve operational efficiency. HK-BEAM platinum rating should be achieved. The building was topped out in late 2011 and completion is expected within 2012.

client department
Civil Aviation Department, HKSAR Government

design and build contractor
Dragages Hong Kong Limited

design and build consultants (architectural)
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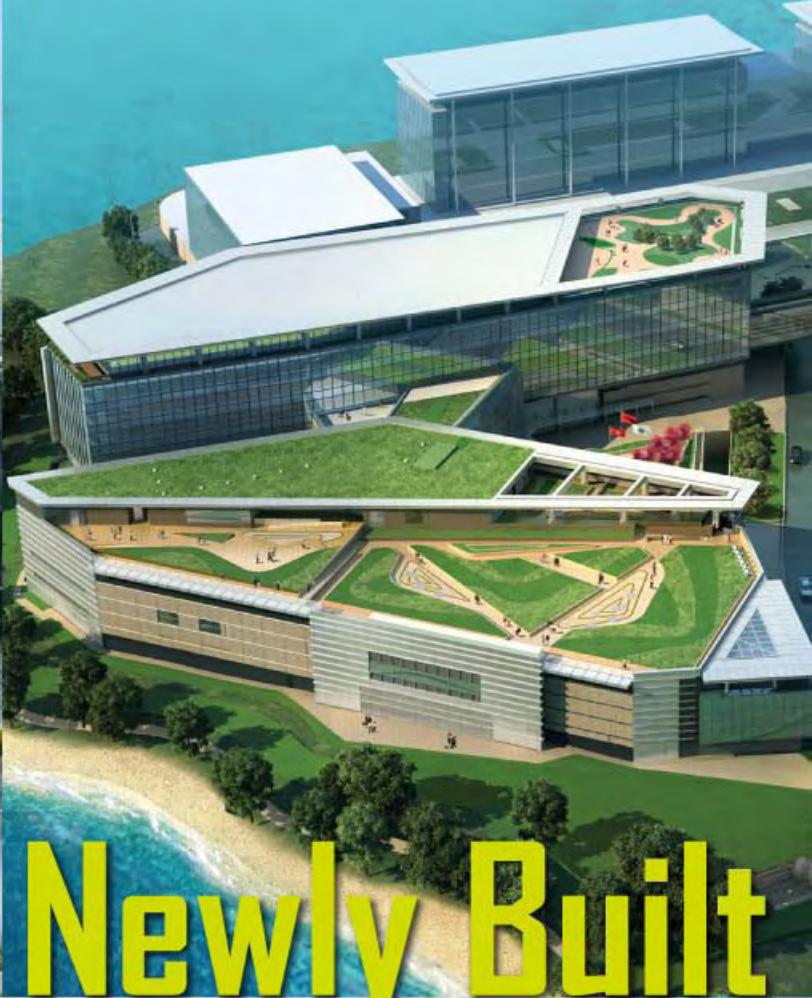


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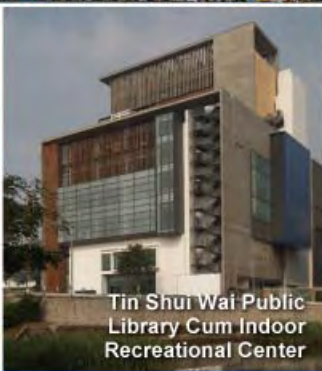
Town Park, Indoor Velodrome-cum-Sports Centre



Siu Sai Wan Complex



City Hall Annex



Tin Shui Wai Public Library Cum Indoor Recreational Center



New Civil Aviation Department Headquarters



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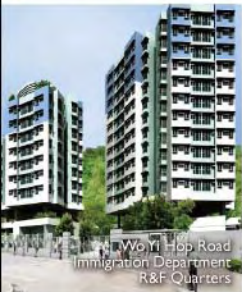
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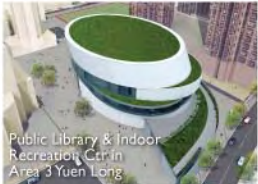


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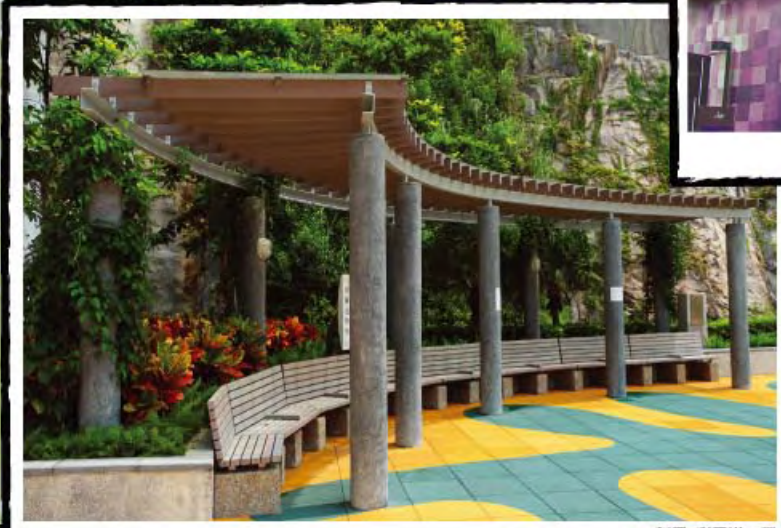


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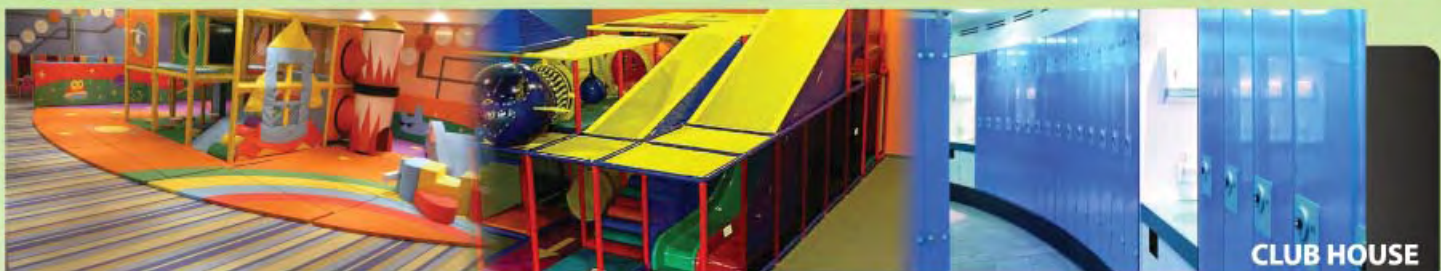
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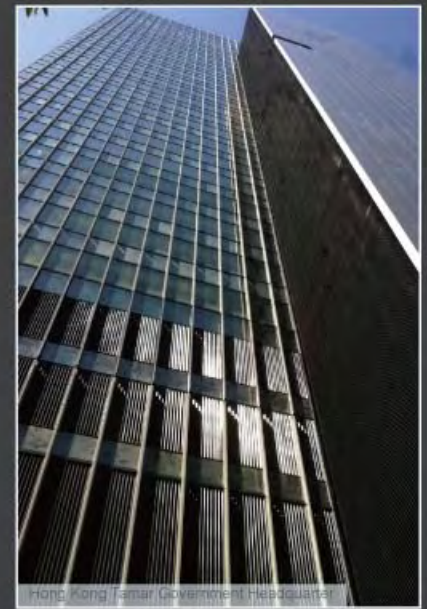
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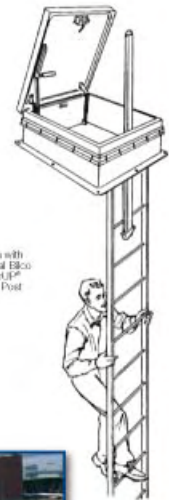
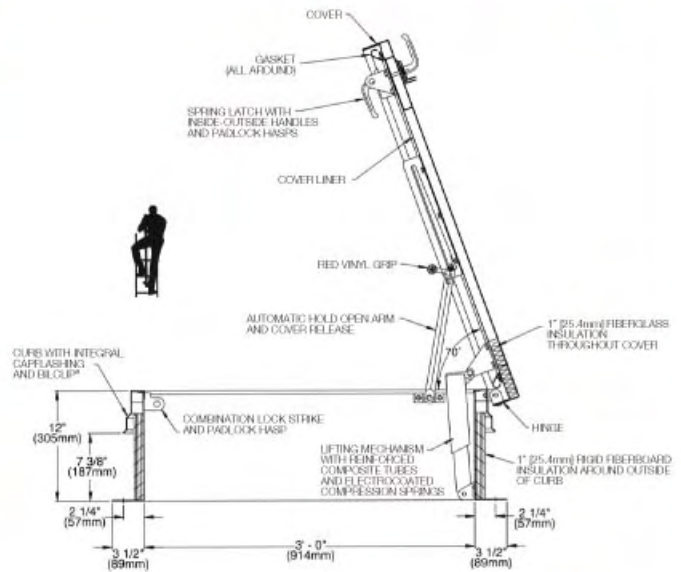
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Specifications:

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Steel: Cover and frame are 14 gauge (1.9mm) G-90 paint bond galvanized steel

Cover

Breakformed, hollow-metal design with 1" (25.4mm) concealed fiberglass insulation, 3" (76mm) beaded, overlapping flange, fully welded at corners, and internally reinforced for 40 psf (195 kg/m²) live load

Curb

12" (305mm) in height with integral capflashing, 1" (25.4mm) fiberboard insulation, fully welded at corners, and 3-1/2" (89mm) mounting flange with 7/16" holes (11mm) provided for securing frame to the roof deck

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Hardware

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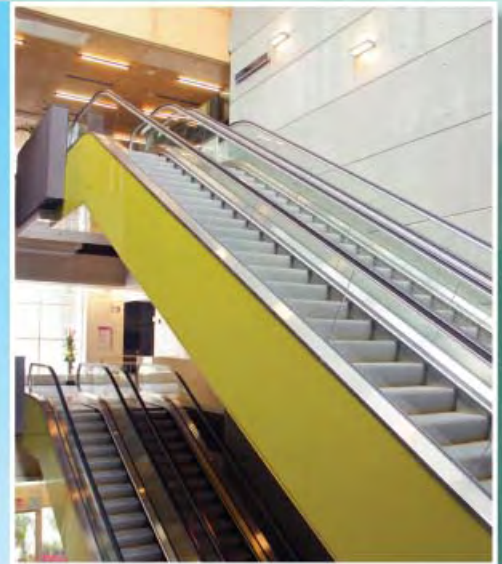
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