



HKIA Annual Awards 2011

President's Message



Dominic Lam FHKIA, RA
President

The Hong Kong Institute of Architects

Hong Kong has developed to the present modern metropolitan over the decades. The HKIA Annual Awards have witnessed the development of Hong Kong architecture. This year, submissions are of high standard. We can see our fellow architects' creativity in making good use of the space to come up innovative designs and make our living environment better. Today, Hong Kong architects' services play a vital part not just in Hong Kong but in the region.

On behalf of the Institute, may I express my heartfelt gratitude to Mr. Bjarne Hammer, Mr. Jurgen Bey, Ms. Joanlin Au, Dr. Chan Lai Kiu and Ms. Chiu Hang Mei Mary Grace for serving as the jurors of this year's Awards. I am also thankful to the Annual Awards 2011 Organizing Committee chaired by Mr. Leslie Lu for their hard work.

Congratulations to all the winners of the HKIA Annual Awards 2011.



Background

The Hong Kong Institute of Architects Annual Awards is handed out in recognition of outstanding architecture achievements by members of HKIA. The award began in 1965 and is one of the most important architectural awards given out in Hong Kong in acknowledging distinguish merits and in offering the much needed opportunity for public admiration and appreciation.

Since 2007, the awards for the Medal of the Year are split into two categories: the HKIA Medal of the Year of Hong Kong and HKIA Medal of the Year Outside Hong Kong. Both are awarded to the architect(s) of the selected Hong Kong and outside Hong Kong building(s) that deserve the highest honour; architect(s) of other buildings deserving an award will receive a HKIA Merit Award of Hong Kong and HKIA Merit Award Outside Hong Kong. Entries are divided into the following four categories for assessment: Residential Buildings, Commercial Buildings, Community Buildings, and Industrial/Transport/Utility Buildings.

The President's Prize is awarded to smaller projects with construction costs below \$20 million.

Established in 2001, the Special Architectural Award aims to acknowledge members who have carried out Hong Kong works or research of outstanding contribution to a particular architectural issue such as Heritage & Adaptive Re-use, Architectural Research, Architectural Interior and Urban Design. As Alteration and Addition Works have been considerably active in recent years, in 2008, we introduce the Alteration and Addition Works under the Special Architectural Award category. In 2009, the committee encouraged overseas projects to be submitted for the Special Architectural Award in an effort to lift the regional restrictions for this category. In 2011, in order to meet up with the global trend of architecture, the Institute has re-organized the categories of the Special Architectural Award.

Jury Panel

Lay Juror

Mr. Jurgen BEY

Designer
Studio Makkink & Bey

Overseas Juror

Mr. Bjarne HAMMER

Founding Partner
schmidt hammer lassen architects

HKIA Member

Ms. AU Chung Leung Joanlin

HKIA

HKIA Member

Dr. CHAN Lai Kiu

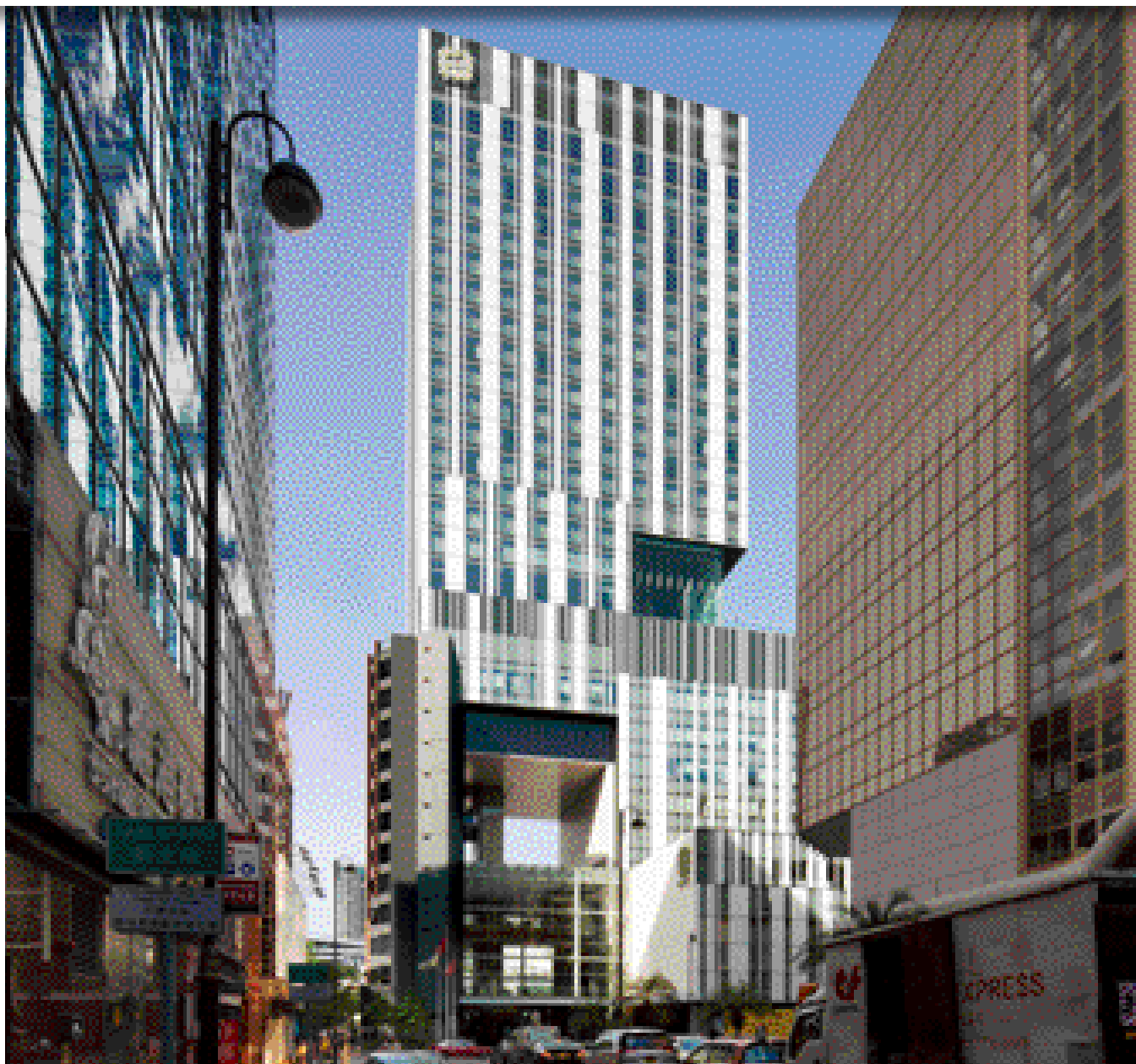
HKIA

Representative from Young Architects

Ms. CHIU Hang Mei Mary Grace

HKIA

Young Architects Award Recipient 2008



Teaching Hotel Complex

The Hong Kong Polytechnic University

Rocco Design Architects Ltd

Location	17 Science Museum Road, Tsim Sha Tsui East, Kowloon
Site Area	4,000 sq m
Contract Sum	HK\$1,122 Million
Client	The Hong Kong Polytechnic University
Completion	October 2010
Development Content	Mix-Use (Educational/Commercial/Residential)



Design Concept

The Teaching Hotel for The Hong Kong Polytechnic University retains the original staff residential function, but subsumes it into an overall composition that now comprises a 262-room hotel as well as a teaching complex. The site is opened up horizontally both visually and spatially with glass atria at various levels allowing visual permeability connecting either sides of the site.

In the process of fulfilling the client's aspiration, the architecture reflects Hong Kong's unique phenomenon whereby seemingly conflicting uses are amalgamated into an integral whole. The site's memory will linger on, and when staff move back into their quarters in due course, they would hopefully embrace a new environment enriched by its interaction with other uses.

Jury Report

The project retains the original function of staff quarters, and adds new functions such as hotel rooms, teaching complex and function rooms in the development. Incorporation of the complex programmes by intelligent spatial planning is the merit of the design. The jury is delighted to see the design sensitivity in tackling the severe noise and air pollution problem of the site through careful orientation of different programmes and massing. The project demonstrates respect towards the site and the existing urban fabric through careful considerations of tectonic and forms.





Ping Shan Tin Shui Wai Leisure and Cultural Building

Architectural Services Department, HKSAR Government





Location	1 Tsui Sing Road, Tin Shui Wai, Yuen Long
Site Area	5,474 sq m
Contract Sum	HK\$599.5 Million
Client	Leisure and Cultural Services Department, HKSAR Government
Completion	31 May 2011
Development Content	Indoor Game Facilities and Library

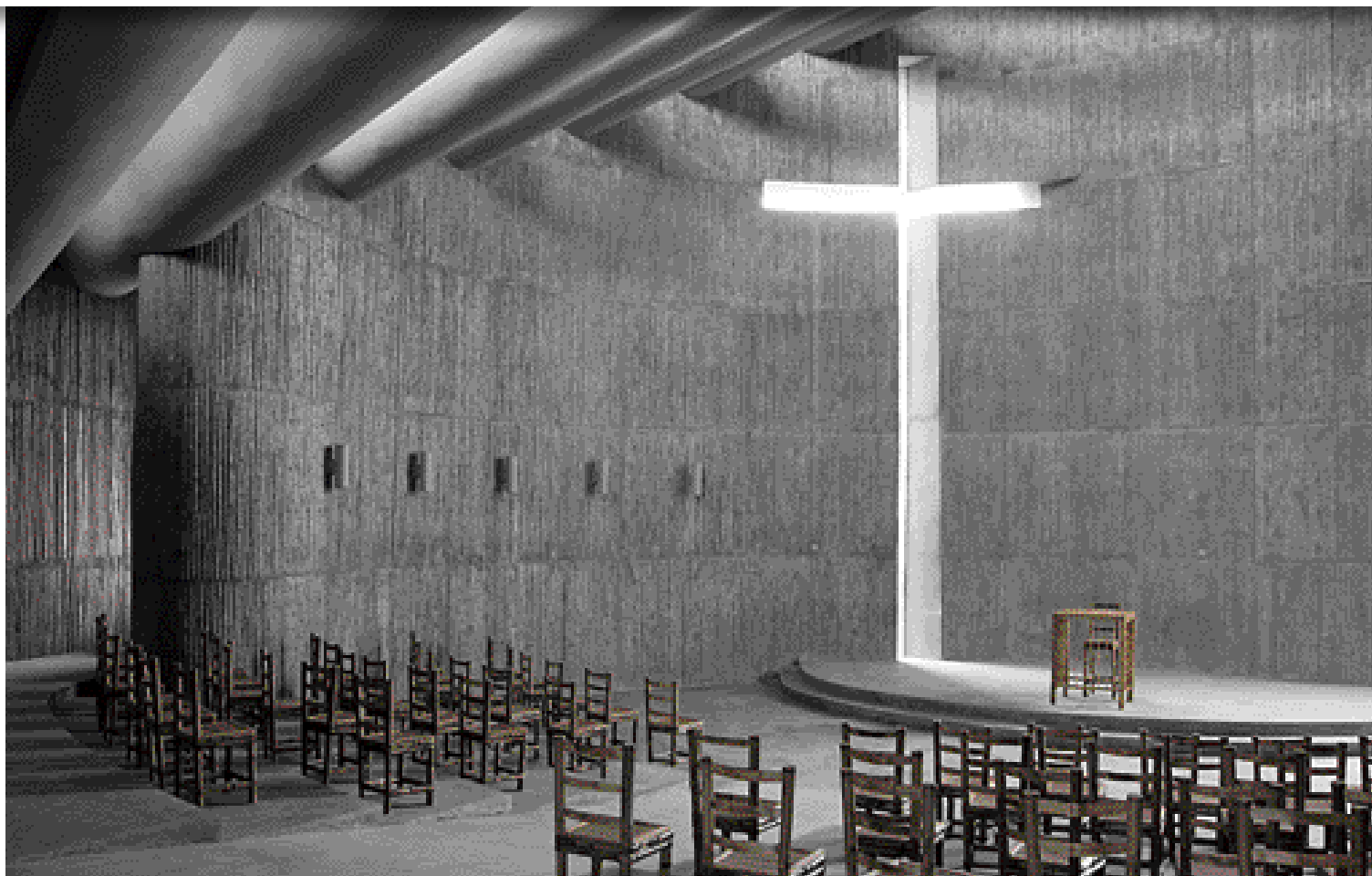
Design Concept

The project is a medium-rise development having 10 main levels including one basement. It accommodates two main blocks which are a public library and an indoor recreation centre. The public library block locates at the south side of the site and with 8 storeys of public library which includes entrance foyer with check-in/out counters, children's library, young adult library, adult library, multi-media library, reference library, students' study room, extension activity room, newspaper and periodicals area, computer and information centre, and associated offices. The indoor recreation centre locates at the north side of the site and with 5 storey high. It

comprises one indoor swimming pool with 25x25m located, one main games arena, 4 multi-function rooms, children play room and associated offices.

Jury Report

This project consists of leisure and cultural facilities for the local residents. The jury is impressed by the sense of harmony delivered through the disposition of massing and the detailing of materials. The materials employed demonstrate various degrees of transparency and permeability in response to different functions and orientations. The interconnected atrium and courtyards at various levels facilitating natural light to reach lower floors is highly appreciated.



Church of Seed

O STUDIO ARCHITECTS LIMITED



Design Concept

Situated within the beautiful landscape of Luofu Mountain, Church of Seed has an area of 280m² and can accommodate 60 people. The design concept is triggered by the form of a seed – a famous metaphorical element in the Gospel stories. A curve line follows the outline of a seed and marks the enclosing wall element. The curve is then split into three parts: the south east facing wall has a cross shape opening which introduces morning sun into the interior; the west facing wall is solid and blocking the afternoon sun; the north facing wall is thickened to accommodate toilet facility. The stepping roof terrace allows diffuse northern daylight into the interior and provides a dramatic

headroom increment (3 - 12 meters) from the main entrance towards the worshiping space. Visitors can walk up to the stepping roof terrace, arrive at the observation deck and enjoy the distant view of mountain and water.

Jury Report

The scale of the project is relatively small, but the jury is impressed by the purity, fluidity and spiritual ambience of the design. The use of local materials as the design elements and using the same during construction are much appreciated. The project shows an intelligent spatial planning by using the concept of the "seed" to incorporate the programmatic needs. Some jurors opine that the concept of seed could be further reinforced by carrying out this concept in a more three-dimensional manner.



Location	Huizhou, Guangdong Province, PRC
Site Area	1,200 sq m
Contract Sum	RMB 2,900,000
Client	Mefull (Huizhou) Agricultural Co Ltd
Completion	29 November 2010
Development Content	Religious / Cultural



Nippon Paint

Congratulations to



HKIA Medal of the Year of Hong Kong –
Teaching Hotel Complex
(Rocco Design Architects)





HKIA Merit Award of Hong Kong –
Run Run Shaw Creative Media Centre
(Leigh & Orange)



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One LaSalle

Integrated Design Associates Limited



Location	1&1E La Salle Road, Kowloon Tong, Kowloon, Hong Kong
Site Area	1,076 sq m
Contract Sum	HK\$110 million
Client	Poly Rising Development Limited
Completion	31 March 2009
Development Content	Residential

Design Concept

The project is to re-develop a site of approximately 1076sq.m with plot ratio of 3 at LaSalle Road, Kowloon Tong. The design challenge is to create a landmark residential building from low-rise buildings of the neighborhood. The concept of the project is to create a modern and luxurious residential development which is unique in character in Hong Kong.

The proposed 8-level-high tower comprises 14 residential units with 2 units per floor, and 1 level of basement car park. Created with simplicity on external materiality, the building is envisioned as an architectural statement of terracotta, stone and steel & glass facade, lifts and lobbies. Unique landscape elements as reflective pool and lawn on the ground level, provides tenants relaxing spatial experience and defines luxury in itself.

Jury Report

The jury is impressed by the sense of tranquility created at the ground level, which is uncommon in residential developments in Hong Kong. The lift lobby and clubhouse area at ground level extend to the outdoor landscaped garden, while nature extends into the interior space. This spacious lobby, filled with sunlight, acts as a nice transition space before arriving home. The materials employed are carefully detailed.





DBS New Complex

Thomas Chow Architects Limited



Design Concept

Within the school campus, close to the existing main building built in 1929, the new additional phase explores the expression of contemporary architecture without challenging the heritage facades.

The extension specifications required an orchestral music concert hall, a chapel, an IT library, classrooms, student activities and art exhibition space. Sitting on the slopes, the buildings are carefully articulated around big trees which are cherished by the school and the neighborhood. The trees and the architecture is one open and airy environment, where students getting together and learning here would be very comfortable.

New elevations respect the height of the old building, it also accept the existing arcade opening of 2.9 meter as the horizontal controlling line. Daylight is brought into the spaces including the concert hall, filtering through slit openings on the walls and roofs.

Revolving doors and panels at the ground foyer and stage backwall control views from both sides. It allows a glimpse of the heritage facade from the new phase. The external tone is grey and white, in harmony with the rest of the campus. The interior finishes are plaster walls, slate and wood floors, with a modern stain glass feature and an oak paneling stage back wall.

Location	131 Argyle Street, Mongkok, Kowloon, K.I.L. 6737
Site Area	7,400 sq m
Contract Sum	HK\$165 million
Client	Diocesan Boys' School
Completion	10 June 2011, 13 December 2011
Development Content	School



Jury Report

The project is an extension to an existing school building. Cozy environment is provided through careful site planning and detailing in façade. By planning the buildings around the existing big trees, the project demonstrates a responsive solution to the site condition. The jury considers that, the design is subtle, but provides a sensuous environment for learning and remembrance.





Run Run Shaw Creative Media Centre

City University of Hong Kong
Leigh & Orange Limited



Design Concept

The building consists of lecture theatres, screening theatre, screening rooms, moving image labs, sound dubbing theatres, creative studios, media labs, TV studio, recording studios, research labs, special teaching classrooms, general classrooms, clusters of academic offices and studios, exhibition areas, event spaces, function room, staff common room, cafe, roof gardens and external plaza area.

Jury Report

The project is located some distance away from the main campus and on a hillside above. The sculptural form of the building creates an unprecedented academic environment for the students to explore. The spatial quality of the internal activity spaces can be further strengthened by bringing the external sculptural quality into the internal space.



Location	18 Tat Hong Ave, Kowloon Tong, Hong Kong
Site Area	7,674 sq m
Contract Sum	Approx. HK\$350 million
Client	City University of Hong Kong
Completion	15 November 2010
Development Content	University Building





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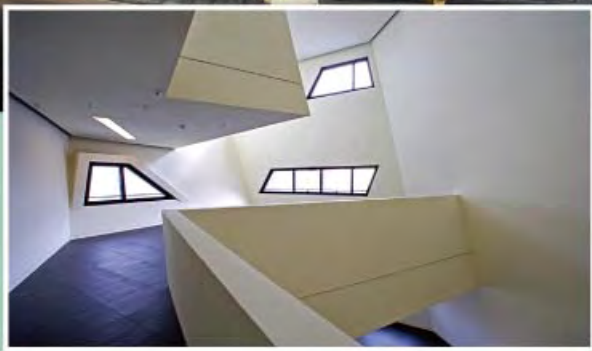
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Location	Kunming Expo eco-town, Kunming, Yunnan Province of China
Site Area	7,123 sq m
Contract Sum	RMB 95 million
Client	HEXY Horti-Expo Xing Yun Real Estate Co Ltd
Completion	9 December 2011
Development Content	Guest House



Design Concept

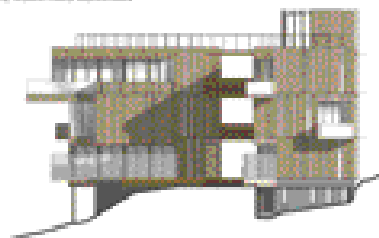
"INNHOUSE" is set on a forested hill with sweeping views of green valley and Kunming city scape. This eco guest house is conceptualized as a traveler village with only 17 guest suites in a cluster of four L shape structures linked by natural trails and courtyards at various levels. Designed with landscape and preserved trees, the timber clad building with reconstitute bamboo decking is simple and largely devoid of decorations. Each building has two wings which are connected to a semi open lift lobby by a bridge. Guest suite is an extension of the landscape. Integrated with cantilever balcony, the living and bedroom side is open and could overlook the landscape. With subtle lighting through a series of vertical windows, the more private bathroom end is behind feature partition wall and forms box within box. Primary sustainable technologies applied include passive design to maximize day lighting and natural ventilation, watershed conservation, solar thermal, rainwater and grey water collection, well insulated envelope, reconstituted bamboo, biodiversity and building intelligent control to minimize the project's environmental impact and inspire local emerging eco tourism industry.

Jury Report

The project encompasses a cluster of guesthouses in a forested hill. The jury considers that this project demonstrates high design sensitivity to the surrounding natural landscape. The materials employed are well-articulated and carefully-detailed. The cozy atmosphere created is the merit of the design.



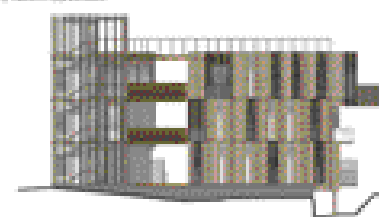
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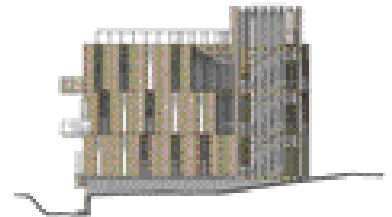
2-1000TH ELEVATION



3-1000TH ELEVATION



4-1000TH ELEVATION





XiXuan Spa Hotel

RAD Ltd

Location	Hangzhou, China
Site Area	7,265 sq m
Client	Hangzhou Westbrook Investment Co. Ltd.
Completion	May 2011
Development Content	Hotel



Design Concept

40 poems are what constituted our design brief.

Like the poets and intellectuals that for centuries have visited XiXi wetland for artistic reflection and creation, we looked at the context as source of inspiration.

We collected natural elements, studied and combined them with the hotel requirements to create new experiences that go beyond just function.

The first level manifests the wish for bright,

transparent open space, while the second and third levels provide a more private and introspective aesthetic world.

These lower and upper zones are then symbolically connected by words, a spiraling library rising from the ground and linking all floors.

Jury Report

This three-storey hotel building expresses the harmony through carefully detailing of tectonic, form and materials. The boldness and well proportioning of the façade design are appreciated by the jury. The design starts with 40 poems, which is interesting and poetic, despite this concept is not fully implemented in the final design.





Kwun Tong Promenade, Stage 1

Architectural Services Department, HKSAR Government

Location	Hoi Bun Road, Kwun Tong
Site Area	7,340 sq m
Contract Sum	HK\$18.6 Million
Client	Leisure & Cultural Services Department, HKSAR Government
Completion	11 January 2011
Development Content	Leisure and Recreational



Design Concept

Kwun Tong Promenade Stage 1 (the Project) has a length of 200m. It is the phase 1 of the whole Kai Tak Promenade Redevelopment Project, which is 900m long in total. Its design theme is "to bring Nature into our City". The total construction area is 7,340 sq m. The construction work started in March 2009 and completed in December 2009.

The scope of the Project includes:

- 200m long boardwalk;
- multi-purposes plaza with mist, music and special lighting;
- performance area with a 200-person spectator stand; and
- children play area

Over half of the site is green area. Coupled with the variety of facilities in it, we believe the Project could effectively revitalize and improve the seafront along Kwun Tong.



Jury Report

The project is Stage 1 of the Kai Tak Promenade Redevelopment Project. The jury is delighted to see the rhythm and clarity in the overall site planning. The special effect and lively atmosphere created in the multi-purposes plaza contrasts with the sense of calmness delivered through the long boardwalk and the large piece of grassland. Difference activities zones are well-balanced.



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HKIA SPECIAL ARCHITECTURAL AWARD – ARCHITECTURAL RESEARCH

Carbon Emission Evaluation

– An Architectural Design Verification Tool for Domestic Building

Hong Kong Housing Authority

CARBON EMISSION EVALUATION

AN ARCHITECTURAL DESIGN VERIFICATION TOOL FOR DOMESTIC BUILDING



Design Concept

The Hong Kong Housing Authority (HKHA), being one of the biggest public sector developers and flat owners in the HKSAR with a public rental housing stock of about 720,000 flats and annual production of around 15,000 flats, is committed to green design for the good of the environment. The HKHA has been making endeavors to enhance energy efficiency in new project development through the careful use of materials to reduce the total life cycle cost. In 2011, the HKHA has pioneered in devising a carbon emission estimation methodology to gauge the project at scheme design stage. This paper presents a tailor-made Carbon Emission Estimation (CEE) model together with benchmark figures for HKHA buildings as an architectural design verification tool. The model focuses on the methodology in assessing major aspects of construction materials and building operations which have implication on carbon emission, reduction and absorption from cradle to grave for a building life of 100 years.

Building Information		Carbon Emission Estimation	
Item	Description	Quantity	Carbon Emission (kg CO ₂ e)
1	Concrete	1000	10000
2	Steel	500	5000
3	Brick	2000	20000
4	Timber	100	1000
5	Insulation	500	5000
6	Glazing	1000	10000
7	Roofing	1000	10000
8	Paint	100	1000
9	Other	100	1000
Total			60000



Jury Report

Buildings account for a large portion of energy consumptions in Hong Kong. Study tools related to green building design for Hong Kong will be beneficial to the environment. This year the number of submissions in this category is low. The jury hopes that more research of this kind will be encouraged by the award in this category.

18 Kowloon East

Aedas Ltd



Design Concept

Kowloon Bay, once dependent on manufacturing, is undergoing transformation of rejuvenation. Being located in a community with dense industrial blocks, the design investigates the possibility of providing an environmentally sustainable office design to both the users and the public in such an industrial area. The target is to contribute a greening effect to the neighborhood and enhances the quality of life for users of the building as well as pedestrian on street level.

The final design introduces extensive planting at the car park floors locating at the lower portion of the tower. In addition to the visually greening effect to the neighborhood, the planting also filters the air and improves the air quality of the car park. Hopefully, the suspended particulates in the air can be reduced and the design is able to provide the users of the car park a more pleasant experience of parking.

Jury Report

Carparking space at podium is common for developments in Hong Kong. This podium design demonstrates a skillful balance between aesthetics, environmental as well as functional concerns. The planting at carpark floors filters the air and improves the air quality of the carpark. The intention of providing a sustainable environment to both the users of the carpark and the public in such an industrial area is highly appreciated. It reflects how typical carparking space at podium in Hong Kong can be reconsidered in a more sustainable manner.

Location	18 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
Site Area	2,700 sq m
Contract Sum	Approx. HK\$315 Million
Client	Sino Group
Completion	19 January 2011
Development Content	Office, Shops, Car Park





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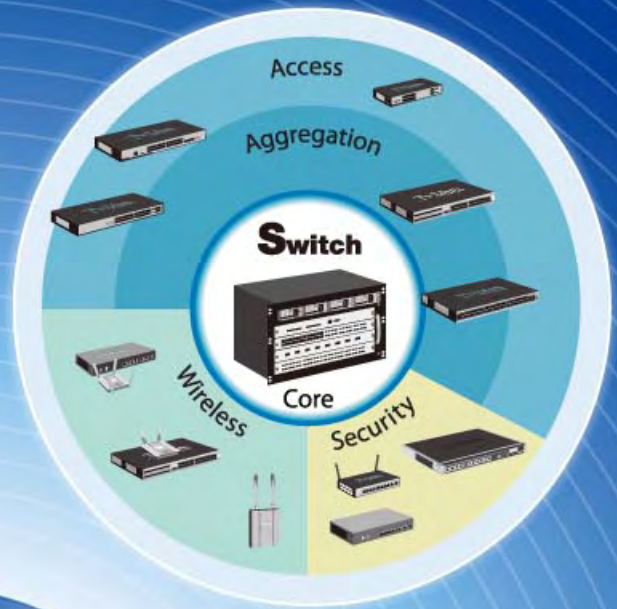
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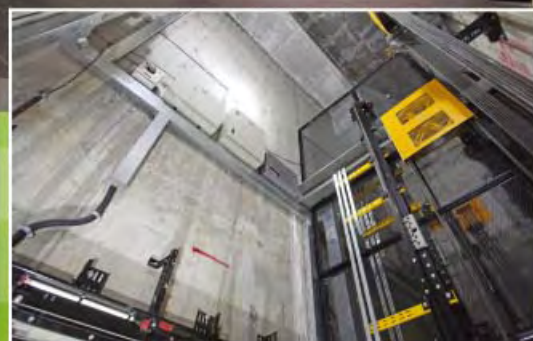
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- Office Buildings
- Processing Plants
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- Schools
- Telecommunications Vaults
- Transit Systems
- Warehouses
- Water/Waste Treatment Plants

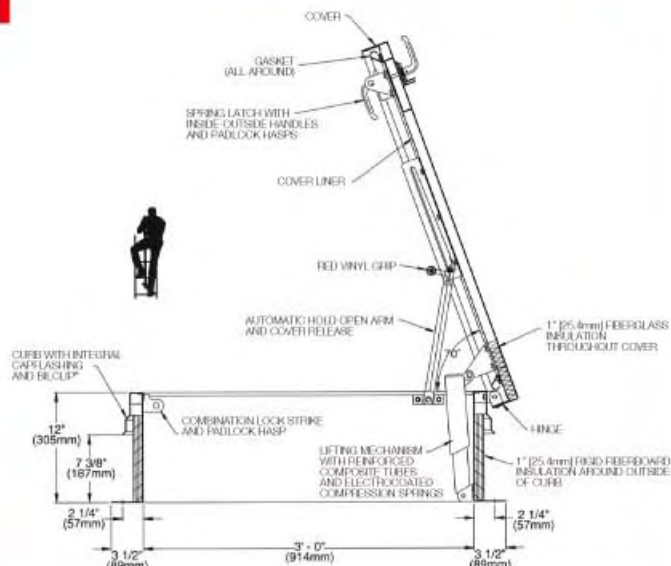


Langley Academy, UK



Four Seasons Hotel, Macao

Bilco Roof Hatch



Shown with optional Bilco Laddersafe Safety Post

Description:

The easy one-hand operation to the fully open or closed position provides the user the security of having one hand firmly on the ladder at all times. Available in galvanized steel, aluminum, or stainless steel construction.

Specifications:

Material

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 psi (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

Gasket

Extruded EPDM rubber gasket permanently adhered to cover

Hinges

Heavy-duty pintle hinges with 3/8" (9.5mm) Type 316 stainless steel hinge pins

Latch

Slam latch with interior and exterior turn handles and padlock hasps

Lift Assistance

Compression spring operators enclosed in telescopic tubes. Automatic hold-open arm with grip handle release

Finish

Steel: Alkyd base red oxide primer

Hardware

Steel: Engineered composite compression spring tubes. Steel compression springs with electrocoated acrylic finish. All other hardware is zinc plated/chromate sealed



Project: The Hong Kong Polytechnic University 香港理工大學
Model: SS-90 Stainless Steel Roof Hatch

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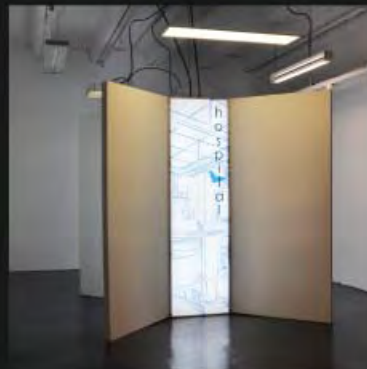
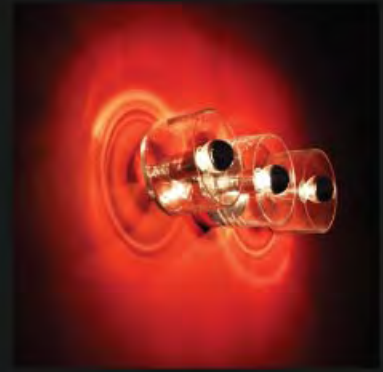
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