

# architecturemalaysia

architecturemalaysia  
VOL 28 ISSUE 3  
JUNE 2016

ISSN 1985-5017 Pp 222/06/2015 (033041) MCI (P) 179/12/2012  
EVERY TWO MONTHS



## AFTER HOURS

REFURBISHMENT AND UPGRADING WORKS TO THE AQUATIC CENTRE |  
BACK HOME | JCSC CLUBHOUSE | M MARINI | MASJID NAZA TTDI | PUNCAK  
ALAM MOSQUE | SYMPHONY HILLS CLUB VILLAGE | TAVERN @ THE ANGKOR  
STRETCH | THE CONCRETE CLOUD, BAYAN CLUB | ZOUK CLUB | OASIS SQUARE



Upcoming Event:

# ARCHIDEX<sup>®</sup> 16

Kuala Lumpur Convention Centre  
Breezway Booth #IP151 (Hall I)  
20<sup>th</sup> – 23<sup>rd</sup> July 2016

Be sure to drop by our booth. We have great new things to share with you!



With the energy-efficient and durable Breezway Altair<sup>®</sup> Louvre Windows, you can brighten up any space with natural lighting.



Customisable louvre blades to control the amount of light



Freshen up any space with cross flow ventilation



Versatile placement even in hard to reach places



Durable because made from materials designed to last and resist damage



Peace of mind as all electronic components are warranted for 1 year



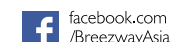
[www.breezway.com.my](http://www.breezway.com.my)

**Breezway (Malaysia) Sdn Bhd** (601783-T)

No.39, Jalan Wawasan 3/KU 7, Kawasan Perindustrian Sungai Kapar Indah, 42200 Klang, Selangor Darul Ehsan, Malaysia.  
t: +603-3291 4885 f: +603-3291 9887 e: [malaysiasales@breezway.com](mailto:malaysiasales@breezway.com)

**Breezway Experience Centre**

B-07-25, Empire Subang Soho, Jalan SS 16/1, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia. t: 1300-888-339



facebook.com /BreezwayAsia



youtube.com /BreezwayLouvreWindows/video



twitter.com /Breezway

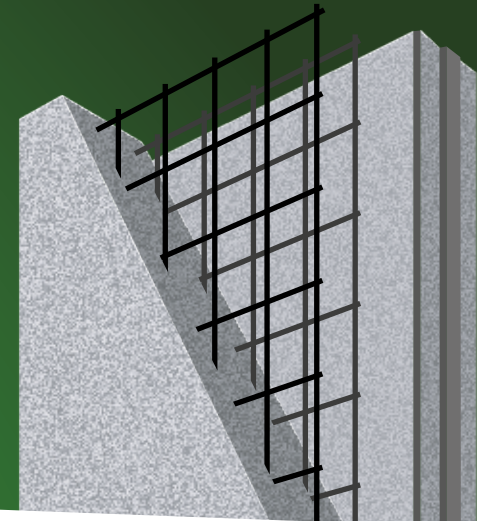


pinterest.com /BreezwayLouvres

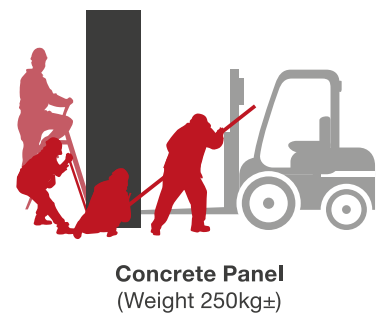
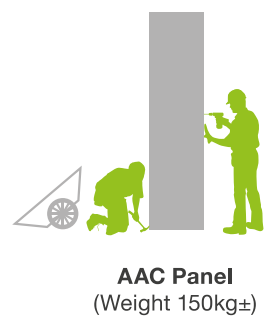


@BreezwayAsia

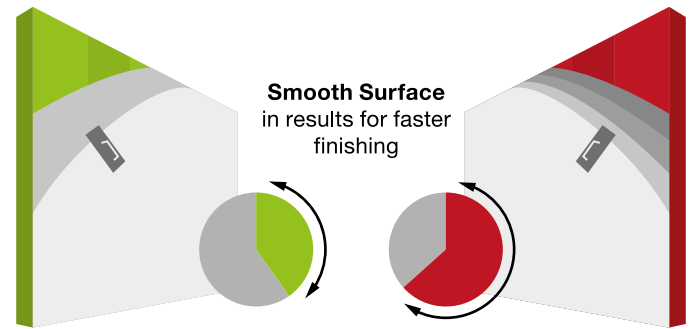
# EFFICIENT, STRONG, PRECISION.



## 1 Manpower Efficiency AAC Panel vs Concrete Panel



## 2 Wall Installation & Finishing Speed AAC Panel vs Concrete Panel



- Applications**
- Highrise Residential
  - Landed Residential
  - Hotels
  - Commercial Buildings
  - Industrial Buildings
  - Precast Bathroom Units
  - Sound Barrier Wall

**Head Office:**  
No.A-1-3A, Pusat Perdagangan Kuchai,  
No.2, Jalan 1/127, Off Jalan Kuchai Lama,  
58200, Kuala Lumpur, Malaysia.  
T: 603-7983 8068  
F: 603-7980 0137  
E: info@starkenm.com





**Factory:**  
Plot 6, Jalan Bunga Azalea 1/2,  
Kawasan Industri Jalan Bunga Azalea,  
48200, Serendah, Selangor Darul Ehsan,  
Malaysia.

**Hotline: +603 7983 8068**

## HORIZON™ ROOF SYSTEM Innovative Technology • Contemporary Style



Innovative Technology  Contemporary Style

-  Contemporary Style
-  100% Leakproof
-  Low Noise
-  Superior Heat Reflection



MONIER MALAYSIA SDN. BHD.  
Suite 12W, 12th Floor, Wisma Sime Darby, Jalan Raja Laut, 50350 Kuala Lumpur.  
T [+60](3) 2176 0600 F [+60](3)2604 0335 E roofing-malaysia@monier.com

**TOLL FREE: 1800 88 0865**  
[www.monier.com.my](http://www.monier.com.my)

**MORE POWER TO YOUR ROOF**

Part of **BRAAS MONIER BUILDING GROUP**



EXCELLENT GEOMETRIC  
**ACCURACY**

SUPERIOR TILE STRENGTH  
& SURFACE COATING  
**DURABILITY**



HIGH TROPICAL RAIN  
**RESISTANCE**



The picture shown is only for illustration purpose.



For more product information or enquiries,  
call toll free  
**1800 88 0865**



Email us at:  
**roofing-malaysia@monier.com**



or visit  
**www.monier.com.my**



Recognized for our CSR efforts, Monier was honoured with an Asia Responsible Entrepreneur Award 2011

Member of the Malaysia Green Building Confederation

CERTIFIED TO MS ISO 9001:2008  
Registration No. AR 1050

**MONIER MALAYSIA SDN. BHD.** (19163-M)

Suite 12W, 12th Floor, Wisma Sime Darby,  
Jalan Raja Laut,  
50350 Kuala Lumpur, Malaysia.

T : (+60) (3) 2176 0600 F : (+60) (3) 2604 0335

Scan QR Code for  
Showroom & Sales  
office location



Also Available at:



**SLIDEHIDE... a cavity door system that Optimises usage of space!!**



Utility hardware (eg. switches) can be fixed directly onto the casing surface and these fixtures can be embedded inside the wall finishes.



**Benefits of SLIDEHIDE**

**SLIDEHIDE** increases the attractiveness of new housing development project to potential buyers and investors through offering a superior, thoughtful and spacious floor layout.

**SLIDEHIDE** transform wasted floor areas into usable space to allow homeowners more space for storage or to enhance their living environment.

**SLIDEHIDE** equipped Architects and Interior Designers with more flexible design options when they are faced with the challenge of delivering the best floor layout versus decreasing built-in floor area.

Since 1995, SLIDEHIDE was installed in numerous projects in many ASIAN Countries.

- SINGAPORE**
  - W Hotel Sentosa
  - Changi General Hospital
  - Reflections at Keppel Bay
  - St Regis Residences
  - Lush Acres Exec. Condo
  - Sky Terrace @ Dawson (HDB BTO)
- MALAYSIA**
  - Seri Pilmoor Bungalows
  - Ritz Carlton Residences
  - Damansara City
  - Setia Sky Residences
  - Somerset Puteri Harbour
  - Suasana Bangsar
- CHINA**
  - Marriot Hotel
  - Sheraton Hotel
  - Crowne Hotel
  - Westin Hotel
  - Four Seasons Hotel
- OTHER Countries**
  - Emperor Hotel (Sri Lanka)
  - The Dubai Mall (UAE)
  - Panorama Apartments (Ho Chi Minh)
  - Daiwahouse-Retirement Home (Japan)



- ✓ Utilized wasted space
- ✓ Easy and Fast to install
- ✓ Solved Flaws of Traditional doors
- ✓ Quality is Guaranteed and Tested over decades

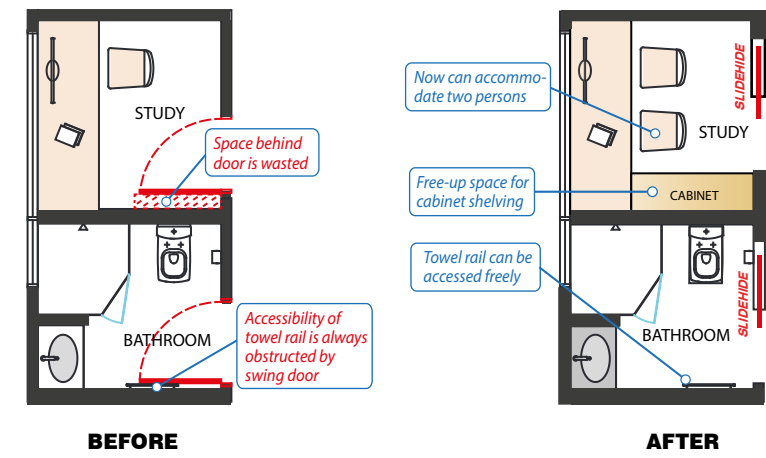
**SLIDEHIDE** is made of corrugated steel panels affixed with wiremesh, integrated Aluminium track, Rollers and other accessories.



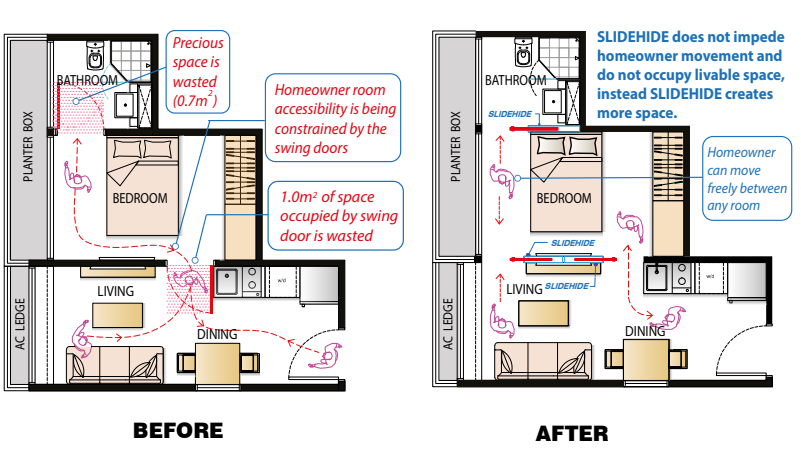
**SLIDEHIDE Applications :**



**"A FUNCTIONAL VERSUS A THOUGHTFUL DESIGN"**



**"ELIMINATES WASTED SPACE AND HINDRANCES WHILE CREATING MORE SPACE FOR A 36m<sup>2</sup> - 1 Bedroom Condo"**



Main Office  
**SLIDE & HIDE System (Singapore) Pte Ltd**  
Phone: +65 6369 9988 Email: enquiry@slidehide.com.sg  
Fax: +65 6369 9977

Regional Office  
**SLIDE & HIDE Space Saving System (M) Sdn Bhd**  
HP: +6 017 731 6322 Email: enquiry@slidehide.com.sg  
Phone: +603 7887 8891 Fax: +603 7887 8896

Scan for more information  
or  
Visit website at [www.slidehide.com.sg](http://www.slidehide.com.sg)



**[ PROJECTS ]**

**22**  
ZOUK CLUB  
VERITAS ARCHITECTS SDN BHD

**28**  
JCSC CLUBHOUSE  
Y.ARCHITECTS SDN BHD

**32**  
MASJID NAZA TTDI  
GDP ARCHITECTS SDN BHD

**38**  
REFURBISHMENT AND  
UPGRADING WORKS TO  
THE AQUATIC CENTRE  
BYG ARCHITECTURE SDN BHD

**44**  
M MARINI  
DR TAN LM ARCHITECT

**48**  
TAVERN @ THE ANGKOR  
STRETCH  
KKNK ARCHITECT

**54**  
SYMPHONY HILLS CLUB  
VILLAGE  
GARIS ARCHITECTS SDN BHD

**60**  
MASJID PUNCAK ALAM  
ZON DESIGN REKABINA SDN BHD

**64**  
BACKHOME  
DOMAINE ARCHITECTS

**68**  
THE CONCRETE CLOUD,  
BAYAN CLUB  
S.PIN ARCHITECT

**72**  
OASIS SQUARE  
A.H.TEE ARCHITECT

**[ COMMENTARY ]**

**76**  
THE ANATOMY OF  
ARCHITECTURE  
AFTER HOURS

**[ EVENTS ]**

**82**  
ARCHIDEX '16

**[ EMERGING VOICES ]**

**86**  
KUALA LUMPUR  
TRAVELLERS' HOTEL

**88**  
CHOW KIT REST LODGE

**[ SECTIONS ]**

**06**  
EDITORIAL

**10**  
IN BRIEF  
PAM Annual Dinner and  
Awards 2016 / PAM-Feruni  
Ceramiche And PAM-Inovar  
Scholarship Award 2016  
Winners / Call For Entries:  
PAM KLAF 2016 Exhibition /  
UIA 2017 Seoul to Reflect on  
'Soul Of The City' / ACA17  
to Focus on Growth and  
Diversity / Nendo Reinvents  
Retail Experience With Siam  
Discovery / Venice Biennale  
2016 Winners Announced

**14**  
WATCH LIST

**16**  
SPEC

**18**  
DOODLES

**20**  
READS

**78**  
ARCHITECTURE 101  
Malaysian-ness!

**80**  
DETAILS  
A New Perspective on  
Béton Armé

**92**  
EVENTS CALENDAR

**48**



**38**



**60**



**32**



**64**



**22**

**28**



**72**



**68**



**54**

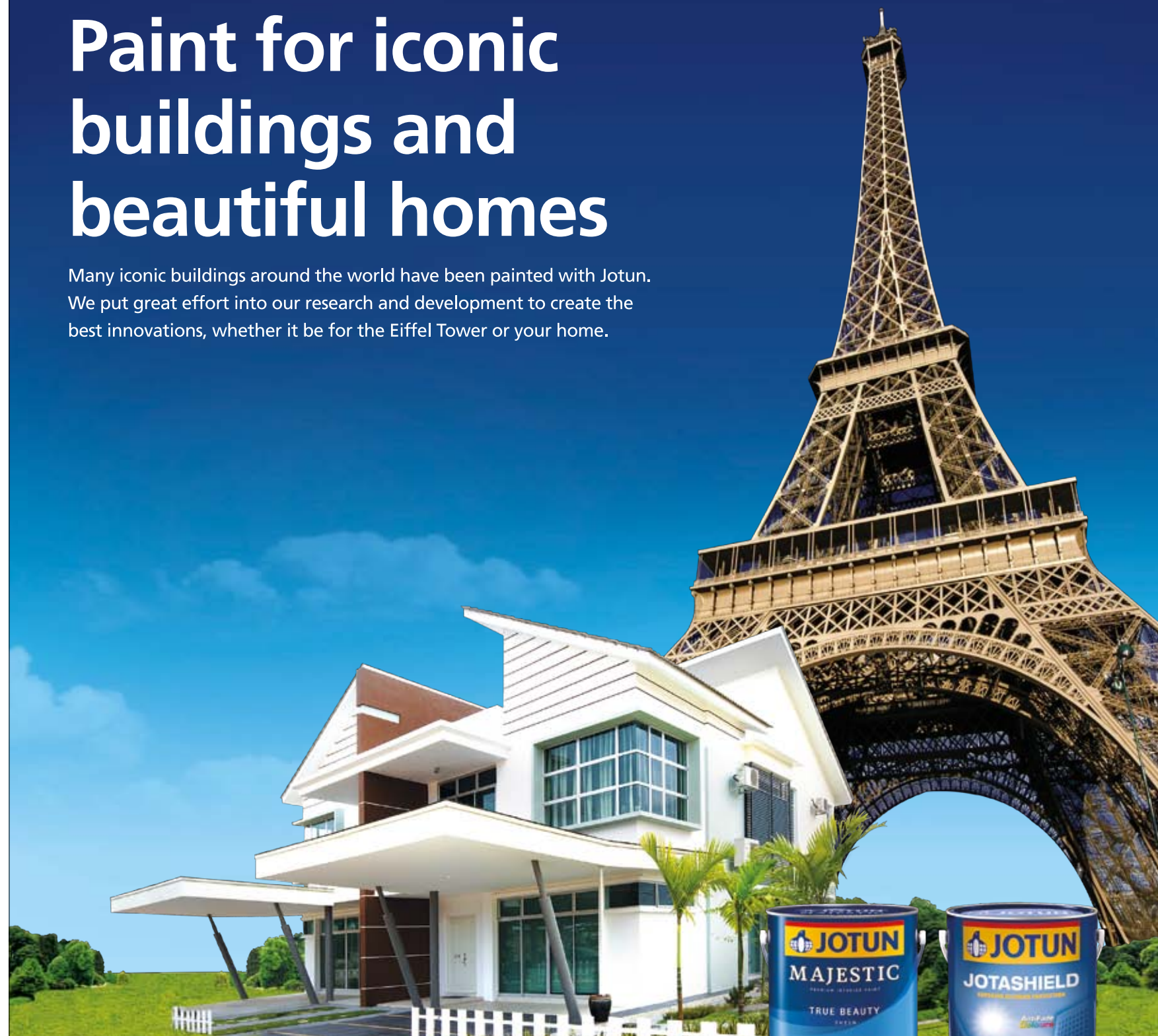


**44**



# Paint for iconic buildings and beautiful homes

Many iconic buildings around the world have been painted with Jotun. We put great effort into our research and development to create the best innovations, whether it be for the Eiffel Tower or your home.



Jotun Paints (Malaysia) Sdn. Bhd. (824636-K)

[jotun.com.my](http://jotun.com.my)

Jotun Malaysia

## AFTER HOURS

Regardless of where you are trained – be it Asia, Europe, Africa or any other continents – architects have always been identified as a nocturnal bunch. The resounding consensus is that the architectural student's light will be the last one out, or never at all if the case may be. This is due to the arduous nature of studying architecture and the enormous amount of time the process entails. This love-hate relationship with nocturnal living is perhaps exacerbated further by the fact that during the initial period of employment the amount of work a graduate architect has to undergo usually requires him or her to extend their personal working hours way into the wee hours of the morning. For some, this has become a lifestyle which continues until the later stages of their career.

This shared experience of nocturnal living gives architects a unique take on activities that happen during the night. This can range from the pious who worship into the wee hours of the morning, to the stressed who actively seek a brief reprieve in worldly entertainment, to the hungry who crave the satisfaction of a wholesome supper or sinfully delicious midnight snack. Regardless, architects are put in a unique position to have lived and experienced the night in unique ways, and when called upon to design 'after hours' buildings and spaces that have special relationships with the night, they shine with that extra charm that says we have been there and are now doing it better.

None typify this better than the array of projects that we have profiled in this issue. We have **Zouk Club**, a mainstay for revellers and party goers in the city for years and is now given a new upbeat design at a new premise. Perhaps your evening taste leans towards the natural intimacy of the **JCSC Clubhouse** which interfaces nature and built environment well to create an idyllic relaxation space. If your night time activities are of the more pious kind then the serenity of the *masjids* (mosques), such as **Masjid Naza TTDI** and **Masjid Puncak Alam**, will aptly reconnect you with the Almighty by correctly creating a relationship with nature and sustainability. The **Symphony Hills Club Village** highlights how a centralised facility can appropriately create a space where the community can come together and interact in a harmonious setting. In the case of the **Refurbishment and Upgrading Works to the Aquatic Centre**, the notion of facilities which bind the community together is further explored and showcases how a purpose-built sports facility can evolve into a more community-centric role with a little help from design. Another project that further demonstrates this is the **Concrete Cloud**, a sporting and community facility that is expressed in a sustainable and community-centric manner. Perhaps the best part of the night is chilling out with friends, and the perfect place for it would be **M Marini** with its perfect blend of chic ambience and high end décor. After a nice drink, a stroll at night with family and friends would be great at a place like **Oasis Square** where the idea of having an area for urban reprieve away from the hustle and bustle of modern living is fully realised. After all the night activities, spend the night at the **BackHome** budget hotel where the unique detail designs make it a very cosy and comfortable home away from home. Finally, if you are travelling to Cambodia and find yourself weary from the journey, spend the evening at the uniquely designed **Tavern @ The Angkor Stretch** for a cool and relaxing drink to satiate the soul.

Regardless if we have progressed rapidly in our quest for development or taken a meandering path towards being a progressive nation, the nights will always be better because architects have put their special touch and perspective into experiencing the night.

### Ar SARLY ADRE SARKUM

Editor-in-Chief  
editor@pam.org.my

#### HAVE SOMETHING TO SAY?

Send your feedback or suggestion to the editor at [editor@pam.org.my](mailto:editor@pam.org.my). Be sure to include your name, address and contact number along with your letter. Other than your name and location, other details will not be published in the magazine. Only selected letters will be published.

### GET YOUR WORK PUBLISHED IN THE LEADING MAGAZINE ON MALAYSIAN ARCHITECTURE

All Architects are invited to have their works published by submitting their most notable projects. For further information, please contact Memo Publishing at [am@memo.com.my](mailto:am@memo.com.my) or 603-78800730 for submission guidelines, deadlines or other editorial enquiries.



From Japan

## ACOUSTICAL CEILINGS

# INNOVATIVE

Era transformation by innovation of technology

時代を変革する、革新の技術

## AESTHETIC

Sensibility and personalised design era

デザインは感性・個性の時代へ

## FUTURISTIC

Offering better life quality and future

備えるという新しい暮らし

ARCHIDEX® 16  
HALL 5 • BOOTH 5J 480

Malaysia Distributor

**B|D|C**  
CORPORATION SDN BHD

#### HEAD OFFICE

2A-G, Jalan Teknologi, Taman Sains Selangor 1,  
Kota Damansara PJU5, 47810 Petaling Jaya, Selangor, Malaysia.  
T +603 2106 5566 F +603 6150 8866

#### PENANG OFFICE

43 Rangoon Road, 4th Floor, BDC Building, 10400 Penang, Malaysia.  
T +604 226 8866 F +604 226 4616

[BDC.COM.MY](http://BDC.COM.MY)

## PUBLISHER

Pertubuhan Akitek Malaysia  
Wisma Bandar, Level 11,  
18 Jalan Tuanku Abdul Rahman,  
50100 Kuala Lumpur Malaysia  
PO Box 10855  
50726 Kuala Lumpur Malaysia  
t 603-2693 4182  
f 603-2692 8782  
e info@pam.org.my  
www.pam.org.my

## PAM COUNCIL 2015-2016

### President

Ar Mohd Zulhemlee An

### Deputy President

Ar Lillian Tay Wai Fun

### Vice President

Ar Ang Chee Cheong

### Honorary Secretary

Ar Sarizal Yusman Yusoff

### Honorary Treasurer

Ar Thirilogachandran a/l  
Shanmugasundaram

### Immediate Past President

Ar Chan Seong Aun

### Past Presidents on Council

Tan Sri Ar Haji Esa Mohamed  
Ar David Teh  
Ar Haji Hussein Hamzah  
Ar Haji Saifuddin Ahmad

## Council Members

Ar Adrianta Aziz  
Ar Ahmad Ridha Abd Razak  
Ar Alice Leong Pek Lian  
Ar Alvin Lim Hai Seah  
Ar Erdayu Os'hara Omar  
Ar Mustapha Kamal Zulkarnain  
Ar Norzaini Mufti @ Ahmat  
Ar Sarly Adre Sarkum  
Ar Steven Thang Boon Ann  
Dato' Ar Maurice Wee Beng Teck  
Dato' Ar Kevin Woo Thin Fook  
Ar Zamri Ismail  
Dato' Ar Zulkhairi Md Zain

## Northern Chapter Chairman

Ar Goh Ching Keng

## Southern Chapter Chairman

Ar Haji Muhamad Zawawi  
Zainuddin

## Sabah Chapter Chairman

Ar Jebb Liew Kim Kiong

## Sarawak Chapter Chairman

Ar Mike Boon Chee Khian

## Editorial Board

Ar Sarly Adre Sarkum  
Ar Mustapha Kamal Zulkarnain  
Ar Lee Chor Wah  
Ar Dr Lim Teng Ngiom  
Ar Zamri Ismail  
Ar Mohamad Zafarullah  
Mohamad Rozaly  
Dr Veronica Ng Foong Peng  
Aw Siew Bee  
Asrul Mahjuddin Ressay  
Aminuddin

## Editor-in-Chief

Ar Sarly Adre Sarkum  
editor@pam.org.my

## 'Emerging Voices'

### Guest Editor

Dr Veronica Ng Foong Peng  
editor-ev@pam.org.my

## PUBLISHING AGENCY

Memo Publishing Sdn Bhd  
Block B, 3A15 & 3A16  
Kelana Square, Jalan SS7/26  
Kelana Jaya, 47301 Petaling Jaya  
Selangor Darul Ehsan Malaysia  
t 603-7880 0730  
f 603-7880 2736  
e ask@memo.com.my

## Senior Managers: Alex Choo,

Candice Cherng / Editorial:  
Leong Kwan Yi / Design &  
Layout: Shalini Mahendran,  
Wa Shi Sheng / Advertising  
Sales: Candice Cherng

## Editorial Enquiries

am@memo.com.my

## Advertising Enquiries

candice@memo.com.my

## Subscriptions

candice@memo.com.my

## Printer

Percetakan Osacar Sdn Bhd  
(63461-W)  
16 Jalan IDA 1A,  
Industri Desa Aman, Kepong,  
52200 Kuala Lumpur Malaysia

Architecture Malaysia (Majalah Akitek) is the official magazine of Pertubuhan Akitek Malaysia (PAM). PAM is not responsible for any statements or opinions expressed in Architecture Malaysia, nor do such statements or opinions necessarily express the views of PAM or its Committees, unless expressly stated. While every reasonable effort has been made to provide accurate information, neither the publisher, editors, contributors, their employees nor agents shall be held liable for any actions taken based on the views expressed or information provided within this publication. All rights reserved. No part of this magazine may be reproduced or stored in any retrieval form or by any means electronic, mechanical, photocopying, recording or otherwise, without the written permission of the publisher.



Cover image: BackHome by  
Domaine Architects

UniSon

# KAWA

Ultimate Cover

## Simplicity & Versatility for Industry & Home



The Versatility of KAWA® Roofing Systems make it the preferred roofing material for any building, be it Residential, Commercial or Industrial.

KAWA® offers the ultimate solution with beauty, design flexibility, durability and maintenance free.

*Step up now to KAWA®, The Ultimate Cover.*

Watch KAWA on Youtube

<https://www.youtube.com/watch?v=yTeqXq3-J2U&feature=youtu.be>

## United Seasons Sdn Bhd (246730-T)

### Office:

No. 37, Jalan Pengacara U1/48, Temasya Industrial Park,  
Phase 2, Glenmarie, 40150 Shah Alam, Selangor Darul Ehsan.  
Tel: +603 - 7628 0300 Fax: +603 - 7628 0900  
Email : mail@unitedseasons.com  
Website : www.unitedseasons.com

### Factory:

No. 36, Jalan Bunga Tanjung 3,  
Senawang Industrial Park,  
70400 Seremban,  
Negeri Sembilan, Malaysia  
Tel: +606 679 6995/6



Certified to: ISO 9001 : 2008  
Cert No: AR 1989

Copyright 2016 by United Seasons Sdn. Bhd. ZINCALUME®, COLORBOND® and PrimaMaju-R® are registered trademarks of BlueScope Steel Limited. All rights reserved.



PAM Council Members 2016-2017 pose for a picture with Deputy Minister of MOSTI, YB Datuk Dr Abu Bakar bin Mohamad Diah

01



Winners of the PAM Awards 2016



VIP guests having a chat

01

**01 PAM ANNUAL DINNER AND AWARDS 2016**

The PAM Annual Dinner was held on 28 May at the Royale Chulan Hotel, Kuala Lumpur, with the theme 'Hallmark of Inspiration'. The glitzy affair brought together a full-house crowd of PAM members, architects and industry experts who indulged in dinner whilst enjoying the programmes of the evening.

Deputy Minister of the Ministry of Science, Technology & Innovation (MOSTI) YB Datuk Dr Abu Bakar bin Mohamad Diah also graced the event and presented a speech.

Ar Mohd Zulhemlee An, who was elected once more as PAM President during PAM's 50th AGM, also introduced the elected PAM Council 2016-2017 during the dinner. He then presented a touching and emotional tribute to his W&W Partner, YB Dato Ar Wan Mohammad Khairil Anuar Wan Ahmad, who recently passed away in a helicopter crash.

There was also the conferment ceremony of PAM Fellow Members to Ar Dr Tan Loke Mun, Ar David Ong Yaw Hian and Ar

Steven Thang Boon Ann. It was followed by the conferment of the PAM Gold Medal 2016 to YB Tan Sri Dato Sri Ar Esa Mohamed, Past PAM President and current President of the International Union of Architects (UIA).

A highlight of the dinner was the much-anticipated announcement of winners of the PAM Awards 2016. This year, a total of 121 complete entries were received for the 11 categories, which include Single Residential, Multiple Residential (Low Rise), Multiple Residential (High Rise), Industrial, Adaptive Re-use, Interior Design, Commercial (Low Rise), Commercial (High Rise), Commercial Mixed Development, Collaboration and Special Category. All winners of the night were presented with a certificate.

The Annual Dinner concluded with a lucky draw, which sent attendees home with prizes and good memories of the night.

[www.pam.org.my](http://www.pam.org.my)

**PAM-FERUNI CERAMICHE AND PAM-INOVAR SCHOLARSHIP AWARD 2016 WINNERS**

Winners of the PAM-Feruni Ceramiche Scholarship 2016

were announced in conjunction with the PAM Annual Dinner 2016. The scholarship was open to Part 1 students from LAM accredited architectural programmes. Out of the 79 applications received, the panel of jury selected six deserving applicants to receive the scholarship award of RM10,000 (winner) and RM5,000 (commended) each - Foo Jessie (Universiti Kebangsaan Malaysia), Yap Shook Yen (Universiti Teknologi Malaysia), Yeow Yann Heng (Universiti Teknologi Malaysia), Ng Kar King (Universiti Teknologi MARA), and Lim Le Xuan (Universiti Malaya).

In addition, recipients of the PAM-Inovar Scholarship Award 2016 were also announced during the dinner. The scholarship is a lump sum financial award to deserving Part 2 architecture students studying in a PAM/LAM accredited architecture degree programme. The scholarship, totalling a generous RM30,000, was awarded to Geraldine Teoh Pei Lynn (Universiti Teknologi Malaysia), Mun Kai Hoang (Universiti Sains Malaysia)

and Mohd Kazroy Nizam Sani (Universiti Teknologi MARA).

[www.pam.org.my](http://www.pam.org.my)

**CALL FOR ENTRIES: PAM KLAF 2016 EXHIBITION**

In conjunction with the Kuala Lumpur Architecture Festival (KLAF) 2016 and the soft launch of the new PAM Centre, PAM is organising the PAM KLAF 2016 Exhibition. The exhibition will be held from 25 to 30 July 2016 at the new PAM Centre at Jalan Tanduk, Bangsar.

PAM members are invited to submit entries to the theme of 'Future Communities'. Over the last decade, many ideas and principles of building communities have become obsolete due to rapid advancement in technology, social psyche and the economic growth. New ideas have to be cultivated to sustain dynamic and cohesive communities that form the foundation of the nation. As such, 'Future Communities' must be adaptable and inclusive to all walks of life in a constantly changing, interconnected and complex society structure.

PAM Corporate Members, Graduate Members and Student Members are all eligible to participate. The submission for all categories will be opened from 20 May 2016 to 5pm of 20 June 2016.

[www.pam.org.my](http://www.pam.org.my)



# Mape-Antique Line

Mape-Antique is the ideal product line for eco-sustainable **restructuring, renovation, dehumidifying** and **rendering** work on both new and existing masonry and, because they are lime-based products with no cement, they are also suitable for use on buildings of historical and artistic importance. The **Mape-Antique** line includes super-fluid, volumetrically-stable, fillerized injectable slurry, binders to be mixed with assorted aggregates to make mortar on site, macro-porous **dehumidifying rendering mortar**, masonry mortar and skimming mortar in various textures and colours.

Rendering mortars:

**Mape-Antique MC**  
Dehumidifying render

**Mape-Antique MC Macchina**  
Dehumidifying render

**Mape-Antique Intonaco NHL**  
Transpirant render

**Mape-Antique Strutturale NHL**  
Structural render



**MAPEI Malaysia Sdn. Bhd.** (231780-K)  
**Local HQ** : Tel + (60) 3 7842 9098 - Fax + (60) 3 7842 6197  
**JB Office** : Tel + (60) 7 595 3032 - Fax + (60) 7 595 3098  
**Penang Office** : Tel + (60) 4 642 9098 - Fax + (60) 4 642 9097  
**Email** : [mapei@mapei.com.my](mailto:mapei@mapei.com.my) **Website** : [www.mapei.com.my](http://www.mapei.com.my)

**MAPEI**  
TECHNOLOGY YOU CAN BUILD ON™







Among the 13 self-curated retail spaces that make up the 'Lifestyle Laboratory'



IMAGES COURTESY OF NENDO

TOP: Gabinete de Arquitectura's pavilion;  
BOTTOM: UNFINISHED by Carlos Quintáns and Iñáqui Carnicero



IMAGE COURTESY OF LA BIENNALE DI VENEZIA

IMAGE © LAURAN GHINITOU

**UIA 2017 SEOUL TO REFLECT ON 'SOUL OF THE CITY'**

The triennial UIA World Congress 2017 that is set to be held in Seoul, Korea from 3 to 10 September 2017 will reflect on the theme 'Soul of the City'. Awarded the Creative City of Design by UNESCO, Seoul is a city with abundant cultural heritage and creative policies supporting the development of architecture.

The UIA (International Union of Architects) world congress is a premier forum for professionals and future leaders in the field of architecture to exchange and discuss the best and latest practices, visions and first-hand experience. The UIA 2017 Seoul, in particular, will promote various innovative architectural techniques and technologies among member sections and global citizens. In doing so, academic programmes, exhibitions, competitions, student activities, and public outreach programmes will simultaneously take place.

[www.uia2017seoul.org](http://www.uia2017seoul.org)

**ACA17 TO FOCUS ON GROWTH AND DIVERSITY**

The main highlight of ARCASIA, the Asian Congress of Architects (ACA) Forum, is set to return this year with a focus on 'Growth and Diversity: The Green Age of Asia'. The major regional congress

fosters intellectual exchange and strategic discussion on regional challenges, initiatives and development amongst architects in the Asian region.

This year, the 17th Asian Congress of Architects (ACA17) will take place at the Hong Kong Convention and Exhibition Centre from 25 September to 1 October. Registration period begins from April to August 2016. For early bird registration, be sure to sign up between April to June 2016.

[www.aca17hk.com](http://www.aca17hk.com)

**02 NENDO REINVENTS RETAIL EXPERIENCE WITH SIAM DISCOVERY**

Japanese design studio Nendo revealed their largest project to date - a complete interior and exterior renovation for 'Siam Discovery', a large-scale retail complex in Bangkok, Thailand. Nendo Founder, Oki Sato, believes that it will define a new way of shopping.

The 40,000 sqm mall by Thai retail and development company Siam Piwat is an eight-floor mall located on Bangkok's Rama 1 thoroughfare. A distinguishing concept of the new retail space is the hybridisation between a shopping centre and department store, in which there are 13 self-curated retail spaces along with some other retail tenants.

Rather than categorising

merchandise by brand like typical departmental stores, the retail experience is enhanced through different retail themes that encourage patrons to enjoy a variety of tastes and lifestyles. The 'Lifestyle Laboratory' presents 13 themes, including a digital lab, street lab, creative lab and play lab, which uses laboratory equipments and diagrams of molecular structures as recurring motifs. As a result, the 'Lifestyle Laboratory' allows users to have a dynamic and colourful shopping experience where they can experiment and cultivate something on their own; truly a one-of-a-kind experience.

[www.nendo.jp](http://www.nendo.jp)

**03 VENICE BIENNALE 2016 WINNERS ANNOUNCED**

The highlight of architecture calendars all over the world, the Venice Biennale 2016 has recently announced the winners of its prestigious awards. The theme this year, 'Reporting From the Front', aims to explore the role of architects in the journey of improving the living conditions from all over the world, focusing on architecture that works within constraints such as lack of resources, and designs which overcome status quo to produce architecture for the common good. Director of the Venice Biennale 2016 Alejandro Aravena along with the Jury have announced the winning participants.

The Golden Lion for Best National Participation was awarded to Spain for 'UNFINISHED' by Carlos Quintáns and Iñáqui Carnicero, citing their "concisely curated selection of emerging architects whose work shows how creativity and commitment can transcend material constraints." The Golden Lion for Best Participant in the International Exhibition *Reporting From the Front* went to Gabinete de Arquitectura for "harnessing simple materials, structural ingenuity and unskilled labour to bring architecture to underserved communities."

On the other end of the spectrum, NLÉ received the Silver Lion for a Promising Young Participant in the International Exhibition *Reporting From the Front* for his work Makoko Floating School, which was cited as "a powerful demonstration, be it in Lagos or in Venice, that architecture, at once iconic and pragmatic, can amplify the importance of education."

Two Special Mentions have been awarded to the Japan and Peru National Participations, while Maria Giuseppina Grasso Cannizzo of Italy was awarded Special Mention for her contribution to International Exhibition *Reporting From the Front*. As announced earlier in May, the recipient of the Golden Lion for Lifetime Achievement is Brazilian architect, Paulo Mendes da Rocha.

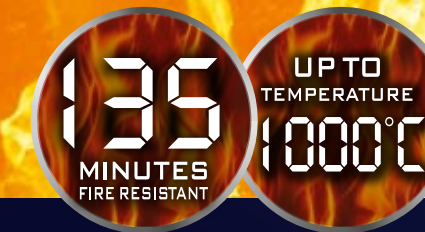
[www.labiennale.org](http://www.labiennale.org)



Delivering Excellence Building Solutions.

Creating Excellence in Building Solutions

Strong & Durable



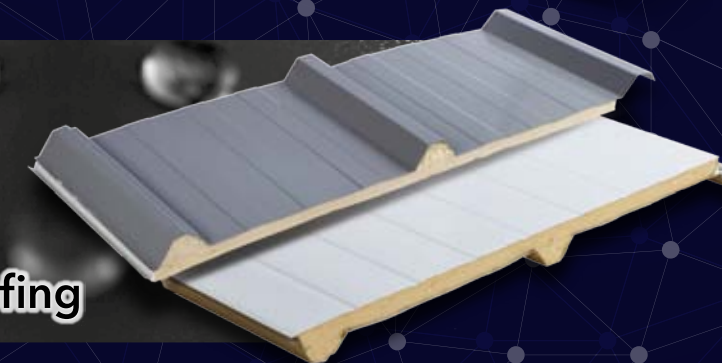
Fast, Cost Saving Wall System

TH Steel FrameMax System



High Durability, Extreme Weather Performance

TH PU Foam Metal Roofing



Head Office +603-6099 9999 / 9988 | North +604-421 4814 / 4885 | East Coast +609-774 1127 / 1128 | South +607-690 9926 / 9929 | [www.thunghing.com.my](http://www.thunghing.com.my) | [www.harmonidoor.com](http://www.harmonidoor.com) | [enquiries@thunghing.com](mailto:enquiries@thunghing.com)

**THUNG HING GROUP OF COMPANIES**

Lot P.T. 1353, Jalan Mohd Taib, Kawasan Industri Sg. Choh, 48000 Rawang, Selangor Darul Ehsan, Malaysia



[ WATCH LIST ]

LIFT-BIT



The world's first interactive sofa is here! Made up of a series of modular hexagonal stools that form a honeycomb motif, the Lift-Bit is a digitally configurable furniture system that allows a sofa to seamlessly transform into myriad seating arrangements. Each stool is motorised with a linear actuator which enables it to be raised or lowered through a mobile app, but also via hand gestures simply by hovering your hand over the seat. If the Lift-Bit is idle for too long, it can even grow 'bored' and start shape-shifting on its own to engage users - an homage to radical British architect Cedric Price's 1970s 'Generator Project.'

[www.lift-bit.com](http://www.lift-bit.com)

EASY BREEZY



Singapore-based Coast Cycles is bringing back the joy in cycling - through their ergonomically and fashionably designed bicycles such as the Quinn. For the man about town, Quinn lets you zip your way through busy streets, with a safer storage space that is unlike a typical front basket. Integrated within the frame of the bike is a slot that fits a messenger bag or laptop bag to make your commute to school or work a breeze. Another plus point is its Gates Carbon Drive, an efficient mechanical gear system that is stronger, quieter and requires less maintenance than conventional gears. Best of all, you won't end up greasy and stained, or frustrated over a dropped chain.

[www.coastcycles.com](http://www.coastcycles.com)

IPAD PRO

Reimagining personal computing for today's lifestyle, the latest iPad Pro claims to pack the heavyweight capabilities of a laptop into a lightweight tablet. Almost twice the performance of its predecessor, the new iPad delivers incredible responsiveness with more fluid and detailed visuals, making editing videos, designing and sketching on the tablet a dream. It is also equipped with True Tone display that automatically adjusts colour and intensity of display to your surroundings, making the iPad more comfortable to the eye. Especially for the creative professionals, a noteworthy complement is the Pencil that is highly responsive and precise for drawing when paired with the iPad Pro.

[www.apple.com](http://www.apple.com)

WEARABLE FITNESS

The UP4 is Jawbone's latest and most advanced activity tracker, the first of its kind that also works as a cashless wallet. Jawbone's unprecedented collaboration with American Express allows Amex cardholders to simply tap to pay, redefining the possibilities of fitness trackers. The UP4 features the same slim design and multi-sensor platform as the UP3, with advanced sleep and activity tracking and heart health monitoring. Pair it with Jawbone's UP app and Smart Coach system and you're on your way to the right fitness track.

[www.jawbone.com](http://www.jawbone.com)



Taking virtual reality into another level, the Oculus Rift claims to be so real, you'll feel like you're actually there. Be it gaming, watching an immersive VR movie, or jumping to another destination in the world, the Rift uses cutting edge displays and optics designed specifically for VR to provide incredible visual fidelity and an immersive, wide field of view. The Rift is discernibly well-built in a sleek, all-black headgear, with comfort and customisability taken into consideration of its design. It looks as remarkable as the experience it enables.

[www.oculus.com](http://www.oculus.com)

VIRTUAL INSANITY



ALUMINIUM IDEAS

TRACKLESS  
Suspended Bi-Fold Door

- Barrier-free Pathway
- TUV-tested
- Safe and Convenient
- Reduce Cleaning Hassle

SPACE SAVING



- U.K. & Canada UV printing technology.
- U.K. UV top coating technology.
- Offers white ink printing.
- Colour Durability test. [ASTM D2616-96(2003)]\*
- UV Exposure test. [ASTM G154-06]\*\*



0% VOC\*  
UV PRINTING  
GREEN LABEL CERTIFICATION

OTHER PRODUCT RANGES



Shower Enclosure



Sliding Door



Swing Door



Cabinet & Drawer



Insect Screen



Flexi Cube (Wall/Shoe Cabinet)

1800-22-8898

[www.vitality.com.my](http://www.vitality.com.my)



Headquarter & Factory

威得力有限公司 Vitality Marketing Sdn.Bhd. (659477-A)

Vitality Sdn.Bhd. (643704)  
(Formerly known as V One Industries Sdn. Bhd.)

Lot 3119, Bt. 3, Jln. Salleh, Bkt. Treh, 84000 Muar, Johor, Malaysia.

+6 06.952.4206 (Hunting) +6 06.953.5518

@enquiry@vitality.com.my

Our Quality Assurance:



Our Awards & Achievements:



Our Branches | Puchong, Selangor | Johor Bahru, Johor | Butterworth, Penang

**MOSQUITO CATCHER AIR PURIFIER**

SHARP

Sharp recently introduced the world's first mosquito catcher air purifier. The 3-in-1 air purifier removes environmental threats in your home, especially in lieu of the recent dengue and haze outbreak. The mosquito catcher function attracts and traps mosquitoes with a unique five-step system, while Sharp's touchstone Plasmacluster Ion Technology emits highly safe positive and negative ions that help sanitise and purify suspended airborne mold, viruses and allergens that are potentially harmful to your health. It also contains an air purifying function with Sharp's Triple Cleaning System, comprising Dust-Collecting HEPA Filter, Deodorising Filter and Micron-mesh Pre-filter, which effectively remove asthma triggering allergens such as dust, haze and even PM2.5 particles.



Sharp-Roxy Sales & Service Company (M) Sdn Bhd  
No 1A, Persiaran Kuala Langat, Section 27, 40400 Shah Alam, Selangor  
T: 1800 88 PCI 4 U (72448) E: productinfo@my.sharp-world.com [www.sharp.com.my](http://www.sharp.com.my)

**SAFETY FLOORING**

ALTRO



Altro's safety flooring provides an exceptional level of slip resistance, as frequently required by the education, healthcare, gastronomy and leisure sectors. Available in heavy duty, versatile, inspirational and specialist solutions, Altro's resilient flooring exceeds international safety and hygiene standards, and offers sustained slip resistance throughout the lifetime of the product. With up to 42 colours per range, you can create contemporary or traditional interiors designed to impress.

BDC Corporation Sdn Bhd  
2A-G, Pusat Teknologi Sunsuria, Jalan Teknologi, Taman Sains Selangor 1, Kota Damansara PJU 5, 47810 Petaling Jaya, Selangor  
T: + 603 2106 5566 E: [altro@bdc.com.my](mailto:altro@bdc.com.my) [www.bdc.com.my](http://www.bdc.com.my)

**CLOUD**

ZENITH

Cloud is a pod-formation cubicle divider with a soft aesthetic that moves away from rigid office structures and creates desirable and inviting quiet spaces for work environments. There are currently six standard pod formations: Burst, Host, Formation, Array, Street and Avenue. The variety of pods can provide flexible private space for individual or group purposes, or even to house utilities like photocopiers and printers. Using standard formations, designers can plan environments with continuous flowing configurations or stand-alone pods. Cloud's unique form comprises minimal elements which are simple to install, lightweight and easily reconfigured to meet changing needs. The panels also absorb sound and help with the acoustics of an open work environment.



Zenith Interiors  
179 Flinders Lane, Melbourne,  
Victoria 3000, Australia  
T: 1300 013 013  
[www.zenithinteriors.com](http://www.zenithinteriors.com)

**STEAM CLEANER**

KÄRCHER

The Kärcher SC 1 Premium Floor Kit compact 2-in-1 steam mop cleans 100% chemical-free. The powerful 3.0 bar steam pressure from the handheld steamer leaves all hard surfaces such as fittings, tiles, hobs and exhaust hoods sparkling clean. Thorough cleaning with the Kärcher steam cleaner kills 99.99% of all common household bacteria on hard surfaces around the home and also removes stubborn dirt, lime residue and grease deposits. The SC 1 comes with different attachments to clean hard-to-reach corners and crevices, and flat floor surfaces. This compact and handy device is ideal for quick and easy intermediate cleaning, and allows space-saving storage.



Kärcher Cleaning Systems Sdn Bhd  
No 5, Jln Perintis UI/52, Seksyen UI,  
Kawasan Perindustrian Temasya,  
Glenmarie, 40150 Shah Alam,  
Selangor  
T: 1300 22 3188  
E: [karcher.my@karcher-asia.com](mailto:karcher.my@karcher-asia.com)  
[www.kaercher.com/my](http://www.kaercher.com/my)



**SILHOUETTE® WINDOW SHADINGS**

HUNTER DOUGLAS

An ideal alternative to bulky curtains, Hunter Douglas's Silhouette® window shadings use a unique mechanism which transforms light in a room to suit your needs throughout the day. Silhouette® uses the Signature S-Vane™ system that can easily control the amount of natural light that comes in – harsh exterior light can be diffused and spread evenly throughout the room to maximise daylight hours and reduce the need for artificial light. You can choose from several options of fabric opacities for your blinds, such as transparent, semi-opaque or light-dimming fabrics. The sheer fabrics are also capable of filtering brightness, glare and UV rays, offering protection for your furniture and flooring. The Silhouette® is equipped with the EasyRise™ lifting system, where the continuous cord loop disperses weight evenly across the shading, making even the largest shading easy to raise.

Hunter Douglas (M) Sdn Bhd  
Lot 493, Persiaran Kuala Selangor, Section 26, 40400 Shah Alam, Selangor  
T: +603-5191 2020 <https://my.hunterdouglas.asia>



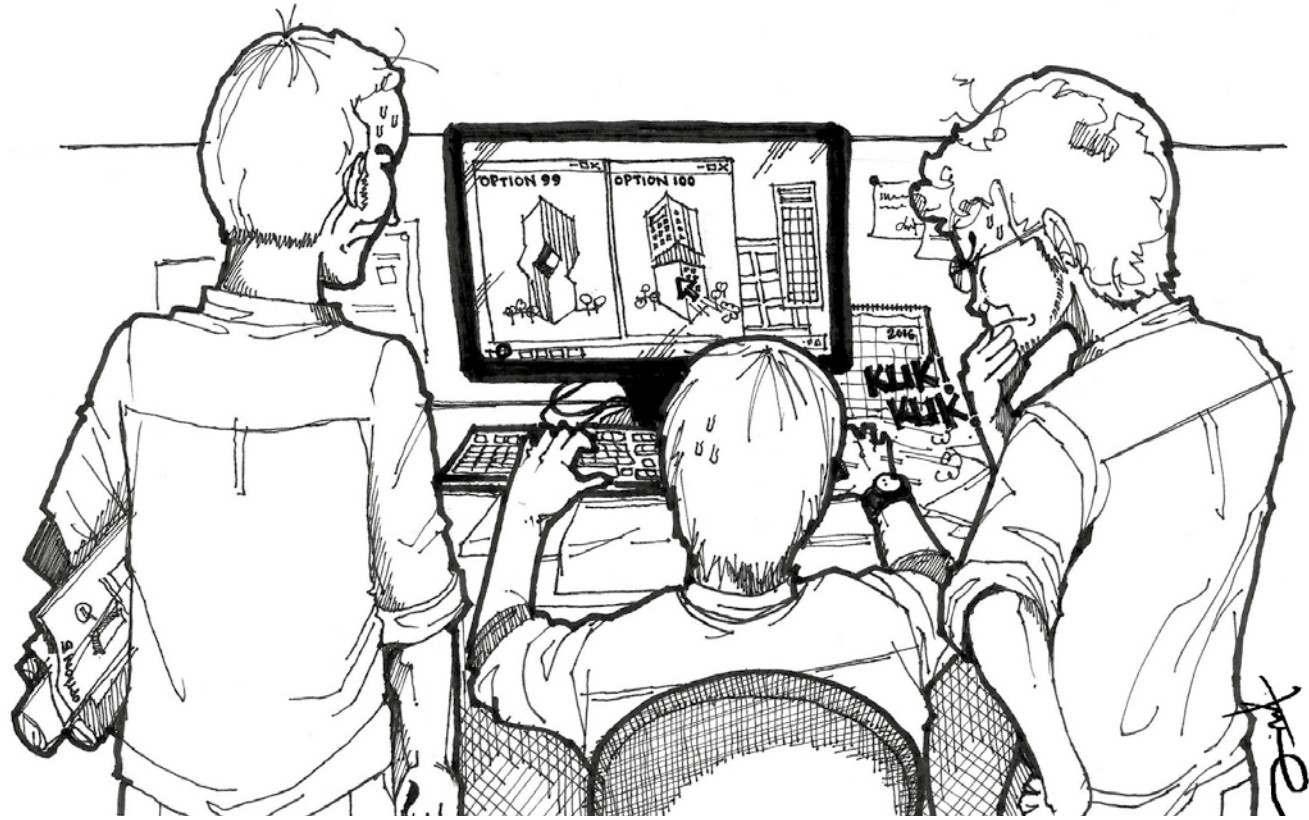
**COLOURCOIL®**  
high performance pre-painted steel

When you want  
the color you  
specified to  
endure

Colour can transform a design, but only if it refuses to fade, chalk, or submit to the elements. Specify COLOURCOIL® high performance pre-painted steel to ensure your project will retain its beautiful appearance - season, after season, after season. The proof can be seen in every COLOURCOIL® installation, with brilliant colour and gloss performance that continues to be proven over time.

COLOURCOIL® high performance pre-painted steel is the perfect choice for all types of building components: from metal roofing to louvers and curtain walls.

Learn how COLOURCOIL endures at  
[www.colourcoil.com](http://www.colourcoil.com)



SKETCH BY AIZAT SYAMIM FROM ARKITEK MAA SDN BHD

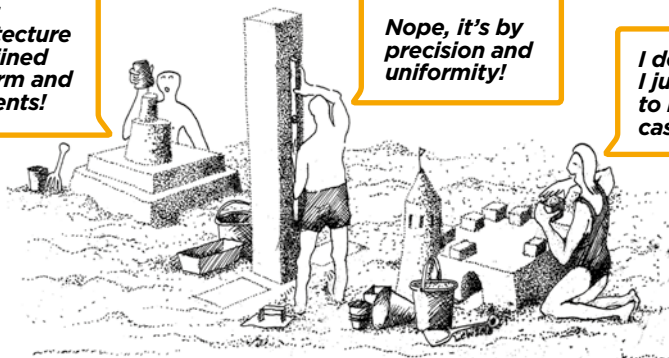
## WHAT'S YOUR TAKE?

Every issue, there will be a cartoon in need of a caption. Readers are invited to send in their best caption of the cartoon above to us, and the winner will have their caption published in the next issue of AM, as well as a special surprise gift. Be funny, be bold, be witty, but above all, be creative!

Send your captions to [am@memo.com.my](mailto:am@memo.com.my) with the title 'AM28-3 Caption Competition', including personal details such as name, address and contact number by **22 July 2016**. Only one caption per individual is allowed.

### LAST ISSUE'S WINNING CAPTION!

*Great architecture is defined by form and elements!*



*Nope, it's by precision and uniformity!*

*I don't care, I just want to build my castle!*

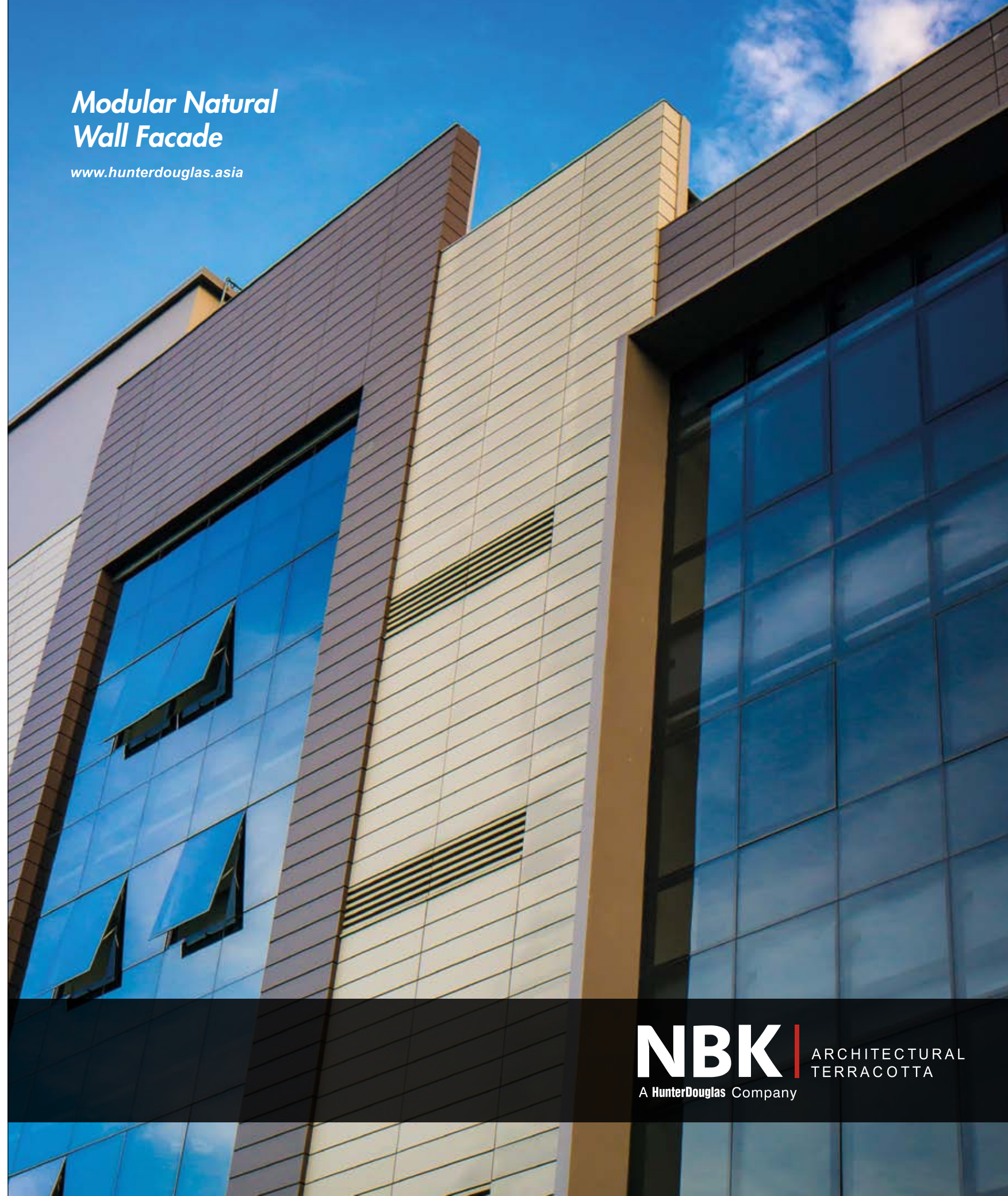
#### CONGRATULATIONS TO JASSLYN LOW FROM CHERAS!

Your winning entry has won you a copy of **Shapers of Modern Malaysia**, a beautiful coffee table book that showcases the prolific works of past PAM gold medalists.



## Modular Natural Wall Facade

[www.hunterdouglas.asia](http://www.hunterdouglas.asia)



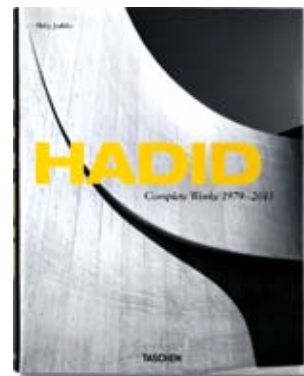
**NBK** | ARCHITECTURAL TERRACOTTA  
A HunterDouglas Company



**MASJID - SELECTED MOSQUES FROM THE ISLAMIC WORLD**

Ar AZIM A. AZIZ  
ATSA ARCHITECTS SDN BHD

Ever since the formation of Islam by the Prophet Muhammad (PBUH) in the year 622, many buildings dedicated to Islam have inspired great builders and architects to make a statement, which have now become a part of history. This hefty volume was promulgated by ATSA Architects Principal Ar Azim A. Aziz after experiencing difficulty in obtaining a good and comprehensive publication on *masjids* from an architectural perspective. As such, the monograph is largely aimed at helping people learn about *masjids*, and understanding its design and planning. This pictorial book features over 100 *masjids*, with a selection of various styles and designs that have been built throughout the past 1,435 years. The extensively procured images of the *masjids* are accompanied by floor plans to further illustrate the use of space in *masjids*. Apart from featuring the main *masjids*, such as Masjidil Haram, Masjidil Nabawi, Al-Aqsa Mosque and Ummayad Mosque, many of the *masjids* featured in the monograph were chosen due to its design relevance in history and its architectural styles.



**HADID: COMPLETE WORKS 1979-2013**  
PHILIP JODIDIO  
TASCHEN

Zaha Hadid is a wildly controversial architect whose works remained largely unbuilt for years, despite awards and critical acclaim. Yet in the past decade, Hadid has risen to fame and completed numerous structures like the Rosenthal Center for Contemporary Art in Cincinnati, the Glasgow Riverside Museum and the Eli & Edythe Broad Art Museum in Michigan. With her audacious, futuristic designs, Hadid now ranks among the elite of world architecture. Born in Baghdad and educated in London, where her practice is based, Hadid has designed radical architecture for over 30 years. This updated monograph covers her complete works to date, including the New National Stadium of Japan and Serpentine Sackler Gallery in London. This volume shows the evolution of Hadid's career – comprising buildings, furniture and interior designs – with in-depth texts, spectacular photos and her own drawings.



**30:30 LANDSCAPE ARCHITECTURE**  
MEAGHAN KOMBOL  
PHAIDON

*30:30 Landscape Architecture* captures the essence of how the world is designed around us. A global and influential group of landscape architects will divulge fascinating details about their work – including their inspirations and design processes – as well as debate the key issues for landscape architects today and in the future. This up-to-date overview of contemporary landscape architecture offers students, practitioners and enthusiasts an inspiring and insightful look at global landscape architecture today. Catherine Mosbach, George Hargreaves, Martha Schwartz and Adrian Geuze as well as the best and brightest of the next generation of designers engage with a diverse range of projects, demonstrating both the importance and creativity of landscape architecture.



Delivering Excellence Building Solutions.

TH Steel FrameMax System

Fast, Cost Saving Wall System



**ADVANTAGES & BENEFITS**

- Fast, easy and safe wall construction
- Faster completion in comparison to conventional wall system
- Minimal heavy machinery usage
- Reduce work site cleaning cost
- Touch up free
- Pre-punched services openings
- Smoother & even wall surface for skin coating at both sides of wall



Head Office +603-6099 9999 / 9988 | North +604-421 4814 / 4885 | East Coast +609-774 1127 / 1128 | South +607-690 9926 / 9929 | [www.thunghing.com.my](http://www.thunghing.com.my) | [enquiries@thunghing.com](mailto:enquiries@thunghing.com)

**THUNG HING GROUP OF COMPANIES**

Lot P.T. 1353, Jalan Mohd Taib, Kawasan Industri Sg. Choh, 48000 Rawang, Selangor Darul Ehsan, Malaysia



# ZOUK

A popular night life spot in Kuala Lumpur, the new premise of Zouk Club is embodied

# CLUB

in a simple rectilinear form that reveals different ambiances upon entering, creating the ultimate party central.

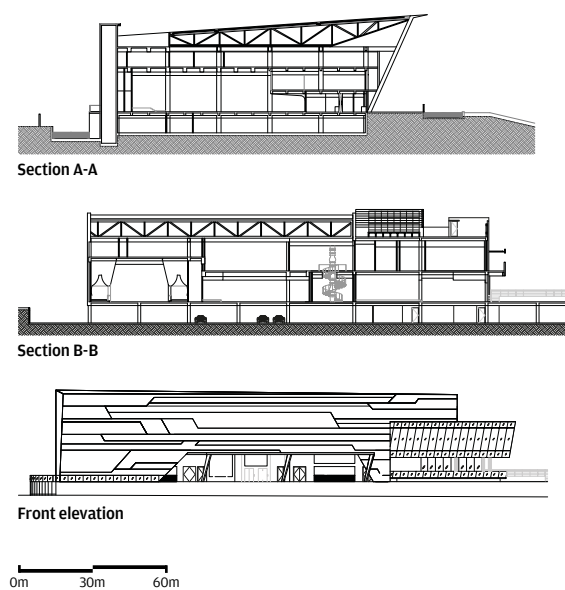




The night crowd at the Zouk entrance



The main attraction of Zouk Club, the Zouk Main Room



**Z**ouk Club is the anchor for TREC, a destination entertainment centre at Jalan Tun Razak with over 200,000 sqft of entertainment and F&B outlets.

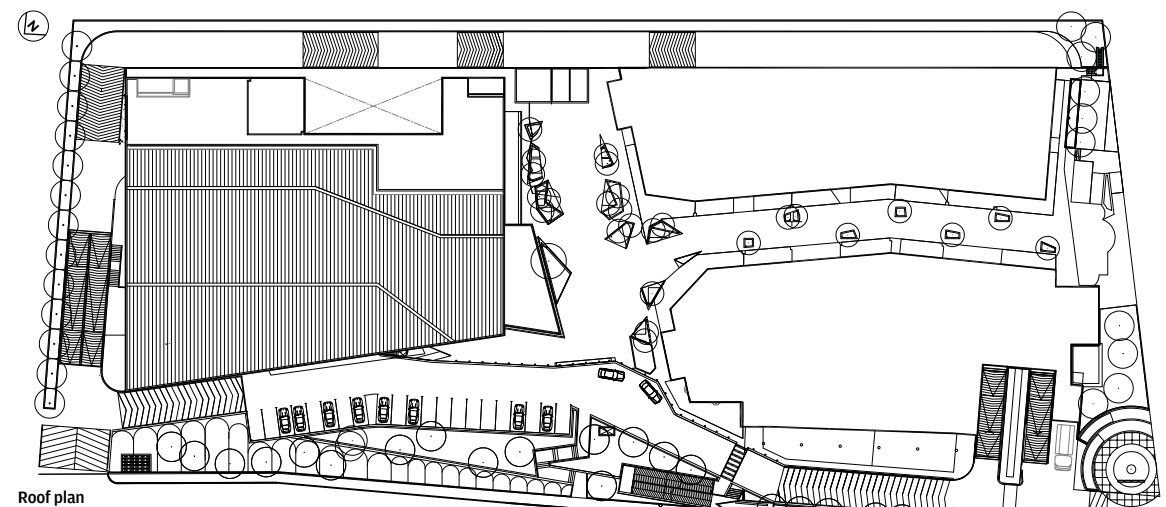
The large windowless box of the typical nightclub building is conceived as a mysterious 'cave' carved into the stratified layers of the earth. Upon entering the 'mouth' of the cave, visitors of Zouk will discover a whole new realm of experiences unfolding within its hidden chambers – a maze of several bars and clubs that culminates in a roof terrace overlooking the neighbouring golf course. The scale and

shape of the spaces work with different interior design themes to create different moods and ambiances, catering for different age groups and diverse tastes, for example posh and exclusive; friendly, cozy and casual; boisterous sports bar; or vibrant, youthful and carefree, etc

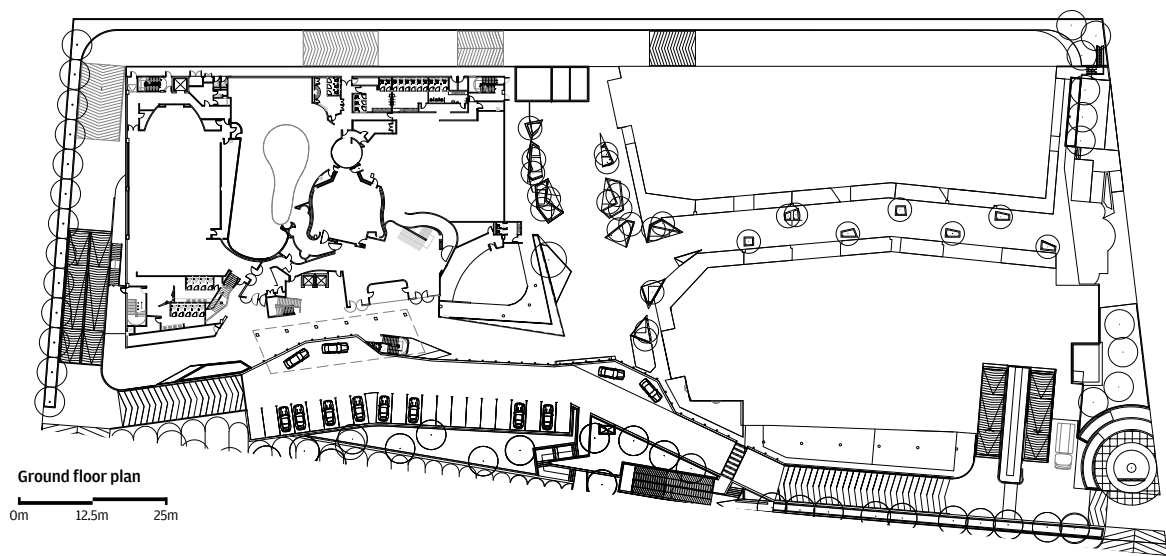
The two-storey Zouk with 60,000 sqft of entertainment spills out onto the 'Party Street' which is planned as an outdoor street flanked by 33 different restaurants, bars and cafes in a more intimate shop-house style to create a vibrant party district similar to Hong Kong's Lan Kwai Fong. ㄅ

BELOW: The APEX lounge interior with uninterrupted views of the surrounding 'Party Street' nightlife





Roof plan



Ground floor plan

0m 12.5m 25m

**CLIENT**  
ZOUK CLUB KL SDN BHD

**LOCATION**  
KUALA LUMPUR

**YEAR COMPLETED**  
AUGUST 2015

**ARCHITECT**  
VERITAS ARCHITECTS  
SDN BHD

**PROJECT PRINCIPAL**  
AF LILLIAN TAY

**PROJECT TEAM**  
DAWINDAR SINGH, LAU  
KOK SAN, HAROON  
SARFAZ, MUHAMMAD  
HAFIQ, CHUAH  
CHANG RONG, JAVIER  
LECUMBER

**SITE AREA**  
7992 SQM

**TOTAL BUILT-UP AREA**  
9,699 SQM

**C & S ENGINEER**  
PERLINDING TCC

**M & E ENGINEER**  
MESET ENGINEERING &  
ASSOCIATES SDN BHD

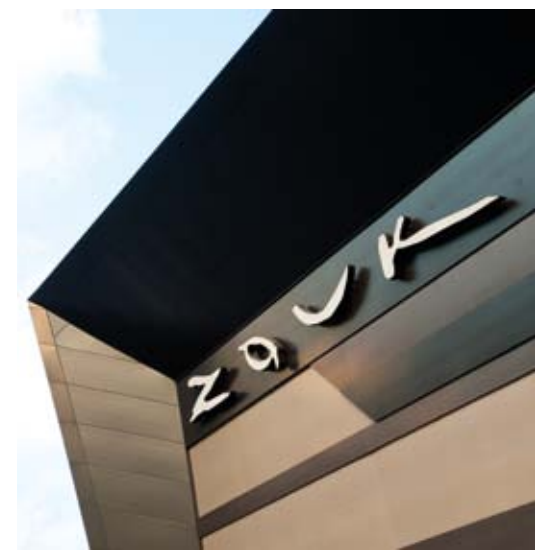
**CONTRACTOR**  
SKL INTERIORS SDN BHD

**QUANTITY SURVEYOR**  
JUBC SDN BHD

**LANDSCAPING**  
PENTAGO

**PHOTOGRAPHY**  
PAUL GADD

LEFT PAGE: An open cafe sits beneath the glass box; BELOW, FROM LEFT: In contrast with the old Zouk, the new building takes on a more angular approach; A huge steel canopy marks the main entrance





# JCSC CLUBHOUSE

Inspired by the tropical and lush greenery that surrounds the site,

the JCSC Clubhouse embraces nature and simple passive design, reminiscent of traditional thatch roof resorts that are a deliberate response to the tropical climate and conditions.

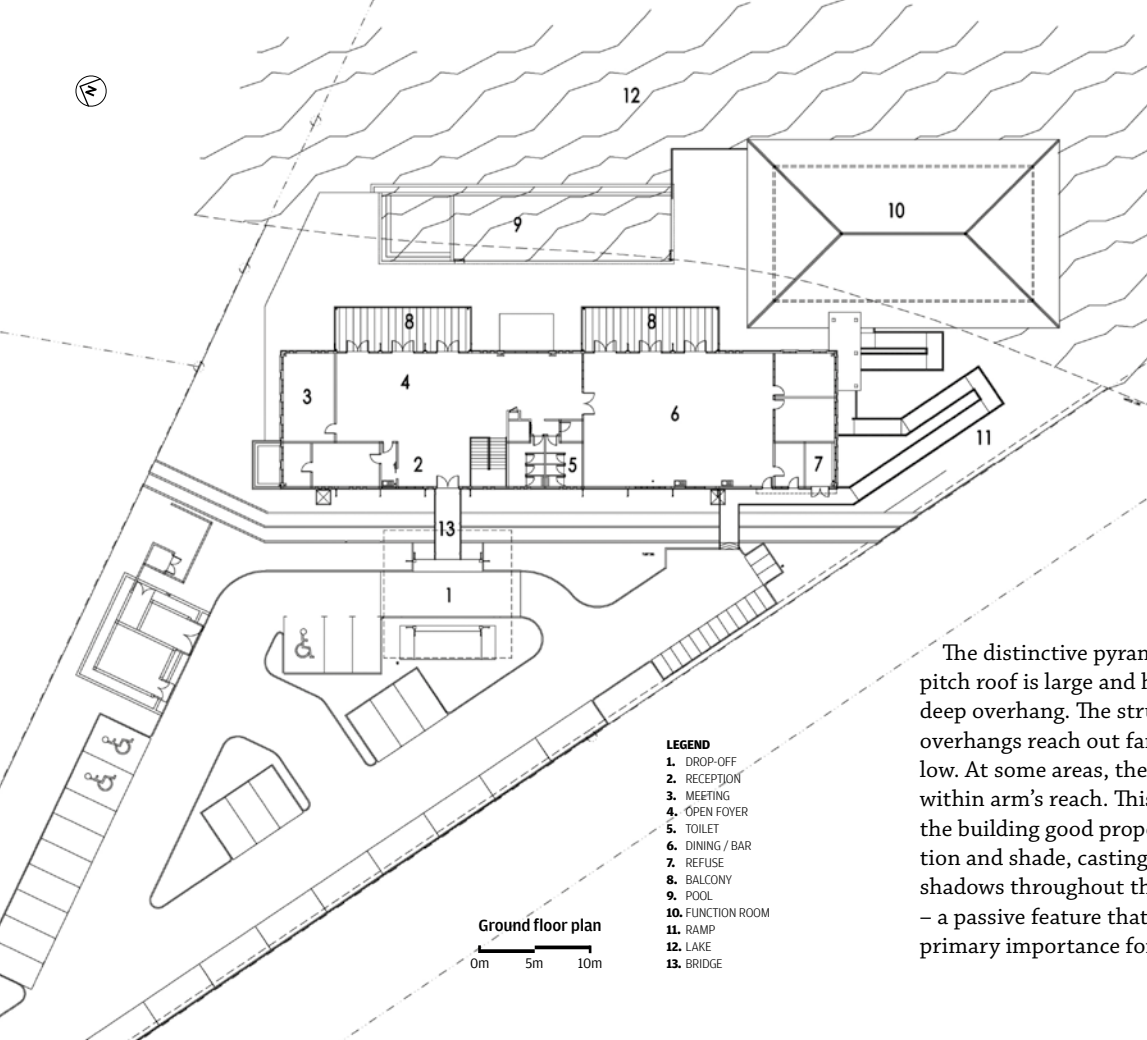


At first sight, the location is an unkempt piece of property adjoining a water body that looks decidedly tropical. It speaks of sweaty days, musty nights and still waters. But the Johor Cultural and Sports Club's (JCSC) new home attempts to take advantage of these tropical conditions to celebrate the climate in a resort-like setting.

The JCSC is located on a sloped terrain where the end of the boundary terminates into a lake. The decision was to consider the water body as its biggest asset and feature. Therefore the building would be built to respond to water.

The site is blessed with healthy green foliage, despite its locality in the heart of the city. Upon turning from the main road, a long drive down a narrow strip brings one to the entry of the facility. The massing of the building is revealed when one gets closer to the site. It follows the contours and steps down towards the water. Upon arrival at the small guardhouse, it appears as a single-storey building housing the reception, meeting rooms and bar. A bridge connects the arrival drop-off to the building. It then descends to another level of restaurant, kitchen, game rooms, gym and changing room facilities. Further down are the function hall and infinity pool overlooking the lake.

Even though the building is essentially a rectangular plan form that aligns along the contours of the site, the massing of the building is conceived as if they were pavilions. The four pavilion roofs are reminiscent of modern tropical resorts, where form follows function and has a reductive architectural vocabulary.



- LEGEND**
- 1. DROP-OFF
  - 2. RECEPTION
  - 3. MEETING
  - 4. OPEN FOYER
  - 5. TOILET
  - 6. DINING / BAR
  - 7. REFUSE
  - 8. BALCONY
  - 9. POOL
  - 10. FUNCTION ROOM
  - 11. RAMP
  - 12. LAKE
  - 13. BRIDGE

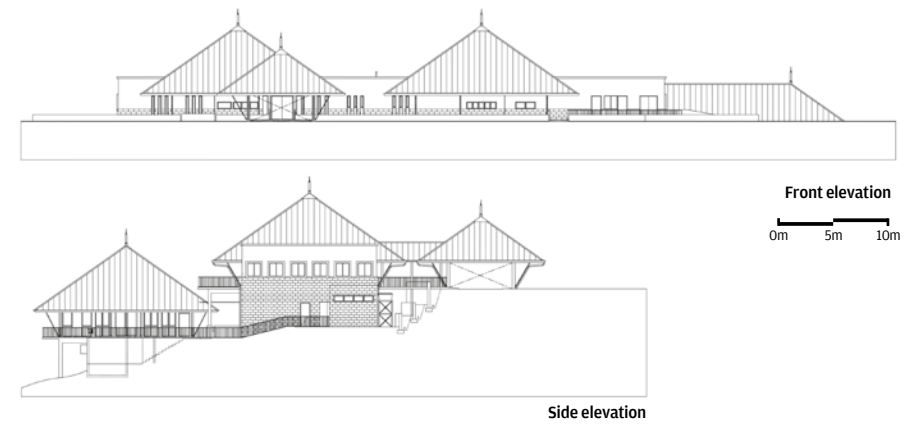
Ground floor plan  
0m 5m 10m

tropical climate. Due to the split levels, the buildings are interconnected by a series of stairs, bridges and ramps. Rustic corrugated roofs appear to fit into the resort language. The use of common bricks as feature walls adds to the 'rough-around-the-edges' aesthetics – a back-to-basics living theme.

The distinctive pyramidal pitch roof is large and has a deep overhang. The structured overhangs reach out far and low. At some areas, they are within arm's reach. This gives the building good proportion and shade, casting deep shadows throughout the day – a passive feature that is of primary importance for our

This clubhouse is exclusive to its members, where members can enjoy the facilities throughout the week. The public hall is significantly popular and affordable, thus it has seen a lot of functions held by the local community. Activities such as weddings, dinners and anniversaries are delightfully held in an outdoor tropical location imbued with the ambience of the tropics, sometimes with the occasional mosquitoes. It will surely be remembered as 'a clubhouse by the lake' after one visits this place. ☺

The drop-off is linked to the main building by a bridge



Front elevation  
0m 5m 10m

Side elevation

<b>CLIENT</b> JOHOR CULTURAL AND SPORTS CLUB	<b>BUILT-UP AREA</b> 1,510 SQM	<b>LAND SURVEYOR</b> LEE SWEE SIANG & RAKAN-RAKAN
<b>LOCATION</b> JOHOR BAHRU, JOHOR	<b>C &amp; S ENGINEER</b> JURUTERA IRK SDN BHD	<b>LANDSCAPING</b> Y.ARCHITECTS SDN BHD
<b>YEAR COMPLETED</b> JANUARY 2015	<b>M &amp; E ENGINEER</b> HIGH TECH CONSULTANT	<b>MAIN MATERIALS</b> CONCRETE, BRICKS, CORRUGATED ROOF
<b>ARCHITECT</b> Y.ARCHITECTS SDN BHD	<b>CONTRACTOR</b> AMD CONSTRUCTION SDN BHD	<b>PHOTOGRAPHY</b> MUHAMAD SHAFIQ BIN SAMSURI
<b>SITE AREA</b> 8,603 SQM	<b>QUANTITY SURVEYOR</b> Y COST CONSULTANT	<b>TEXT</b> LAM JIH KUI

FROM LEFT: The building responds to the view of the lake; The function hall next to the pool that overlooks the lake



Clean modern lines with reductive detailing



# MASJID NAZA TTDI

Centred around the main prayer hall, the subtle and geometrical Masjid Naza TTDI is layer upon layer of spaces, providing a spiritual transition from outside to the inside of the main prayer hall.

**T**he Masjid Naza TTDI at Section 13, Shah Alam accommodates up to 1,500 worshippers at any one time and also provides facilities that promote community activities. The *masjid* (mosque) is a welcome insertion into the fabric of the residential neighbourhood, promoting a sense of identity and community.

The *masjid's* plan consists of two simple geometries that are first layered and then rotated. The main prayer hall volume is orientated towards the '*qiblat*' whilst the amenities block is aligned with the adjacent main road, Jalan Lompat Pagar. The ameni-

ties block acts not only as an anchor to the site but also as a protective layer around the main prayer hall. Sandwiched between these volumes is a walkway that surrounds the main prayer hall. The residual geometries created by the intertwined volumes hold richly landscaped courtyards. These configurations allow for a transitional experience when one enters the *masjid* – along the walkway, from the amenity spaces, through the courtyards and into the main prayer hall. The walk instills a feeling of 'transformation' – from the secular world into the spiritual realm. This feeling is intensified through the spatial progression from more open spaces towards the quieter and protected main prayer hall.





Elevation perspective that highlights the perforated skins that aid cross-ventilation and natural lighting



View from the first floor towards the atrium

**CLIENT**  
NAZA TTDI SDN BHD

**LOCATION**  
SEKSYEN 13, SHAH ALAM,  
SELANGOR

**YEAR COMPLETED**  
JULY 2013

**ARCHITECT**  
GDP ARCHITECTS  
SDN BHD

**PROJECT PRINCIPAL**  
AR SHAFIK  
KAMARULZAMAN

**PROJECT TEAM**  
RASLAM KHALID, NAWAWI  
MOHAMAD, IDZANY ARAS

**SITE AREA**  
14,163.89 SQM

**BUILT-UP AREA**  
3,511 SQM

**C & S ENGINEER**  
TAHIR WONG SDN BHD

**M & E ENGINEER**  
SSP (E&M) SDN BHD

**CONTRACTOR**  
PEMBINAAN MOHAMED  
NAZIR MERASLAM  
SDN BHD

**QUANTITY SURVEYOR**  
ARH JURUKUR BAHAN  
SDN BHD

**LANDSCAPING**  
MENTARI DESIGN

**PHOTOGRAPHY**  
RUPA JIWA

Although the design retains a dome and a minaret – two traditional Middle Eastern *masjid* features – the elements are given a modern interpretation. The dome is uncharacteristically subtle and employs a gentle curve. It allows daylight to wash into the heart of the *masjid* via a skylight.

As a community building, the *masjid* is accessible from all sides and its facades are made as permeable as pos-

sible. The penetrable facades allow for an environmentally conscious building ventilation strategy. The envelope consists of 'perforated' walls that allow natural airflow, while the use of seven oversized feature ceiling fans further assist the cross-ventilation through the main prayer hall. The walkway that surrounds the main prayer hall is lined with steel cables that support climbing shrubs. This encourages the shrubs to

grow into screens of foliage that subdue the tropical sun whilst giving a soft textured backdrop to the main prayer hall.

Subtle colours, natural material finishes and a lush but simple landscape imbue the *masjid* with a peaceful aura. Through its simplicity and clarity, the *masjid* is poised to be a tranquil place of worship and aspires to give the local community a humble yet meaningful landmark. ❦

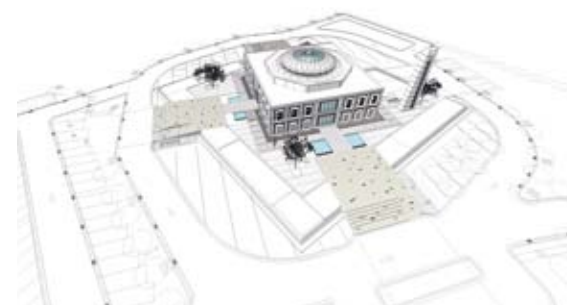
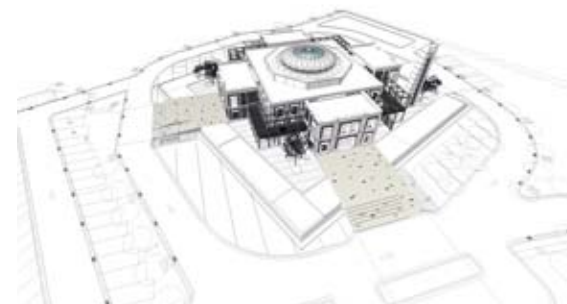


Elevation



Section

0m 5m 10m



Progressive axonometric view



Interior of the prayer hall



Large overhang roof at the entrance



The ground floor facade



Concrete hood acts as a shading device to the glass door

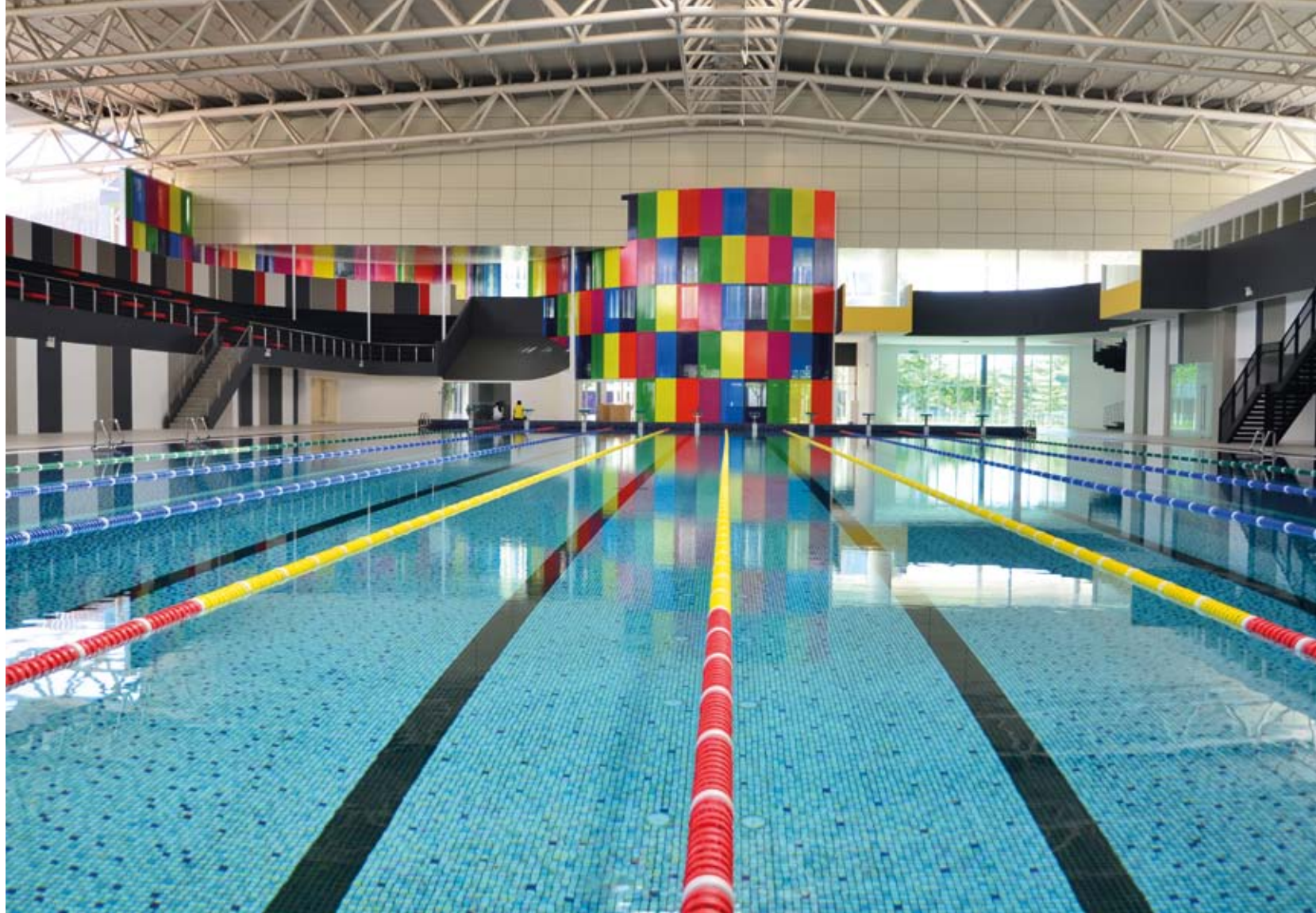
# REFURBISHMENT AND UPGRADING WORKS TO THE AQUATIC CENTRE

What was once a glorious Aquatic Centre for the 2000 SUKMA Games turned into a

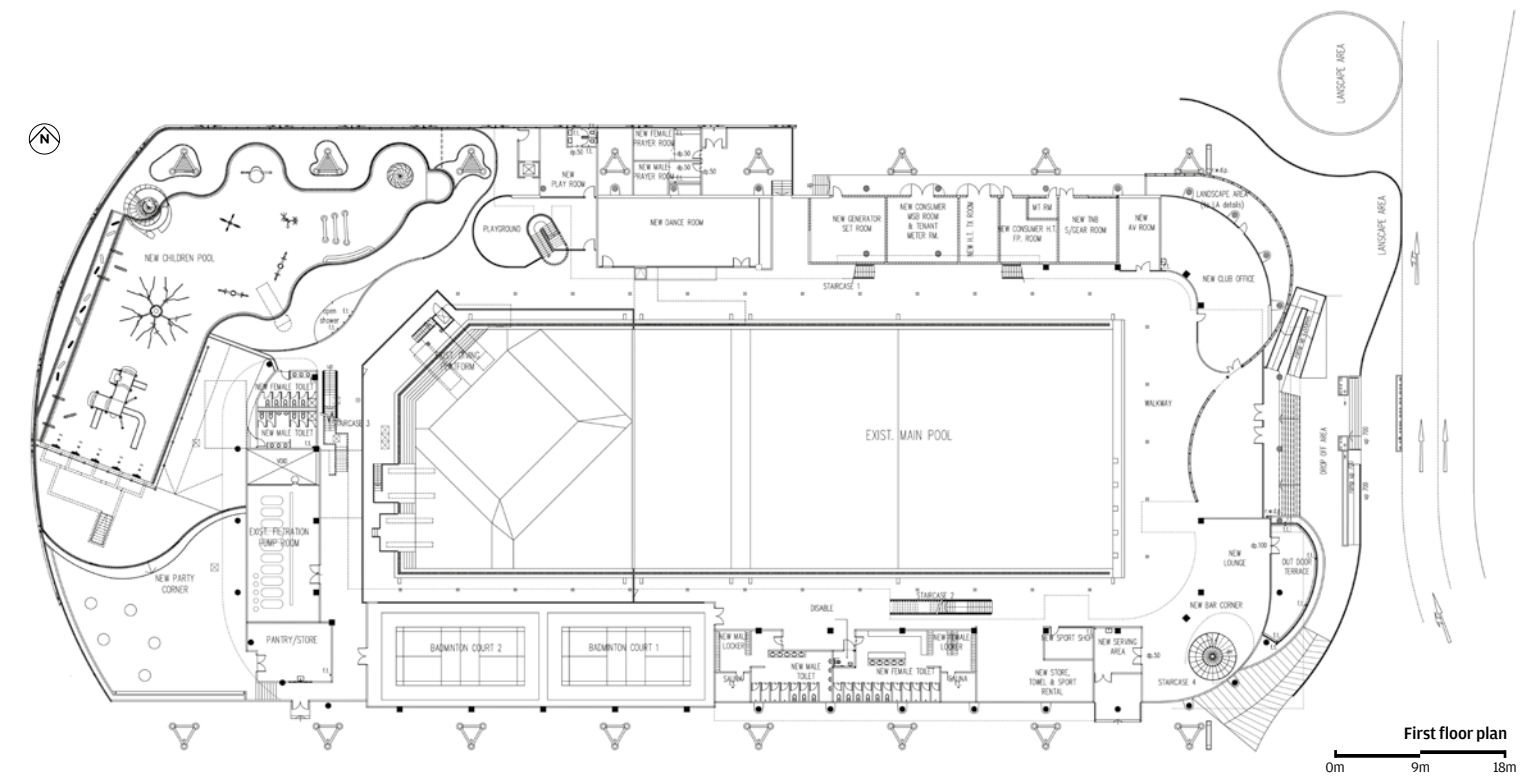
decrepit state over the years. But it has since been refurbished and renovated into a community-centred sports

and recreation club to allow new life to shine through.





Multi-coloured panels bring life into the indoor Aquatic Centre



First floor plan

0m 9m 18m

The existing Aquatic Centre was built for the swimming event during the 2000 SUKMA Games. Therefore, the main focus of the centre was the Olympic-sized pool and diving pool. The concrete sitting terrace surrounded the facilities (locker and toilets) that were located below the terrace, and an organic-shaped children's pool was located at the back with a big tensile structure cover.

In line with the goal of creating a mega community sports and recreational club, the types of sports activity envisaged at the new Aquatic Centre include yoga, karate, taekwondo, dancing, badminton, basketball, volleyball, swimming and diving.

The aim was to refurbish the existing Aquatic Centre to encourage the public to utilise the swimming pool as a training facility, whilst being a family-friendly recreation club. The existing Aquatic Centre would also contain a world-class children's water theme

park, sports rooms and gym facilities.

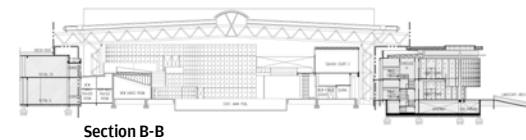
The design concept was to use colourful elements to generate a new lease of life for the old structure. The entrance of the centre was relocated to face the main internal road, which is more prominent. The colour screen wall formed by perforated composite panels is a feature on the external wall and internal spaces – a coherent backdrop for the entire centre. It acts as an iconic element of the building and symbolises a sense of revitalisation, or the colour of life, for the building.

The schematic section shows the demolished terrace and new space around the pool. Only one-eighth of the sitting terraces remained and other reinforced concrete (RC) structures surrounding the pool were demolished. New function rooms were also added around the pool.

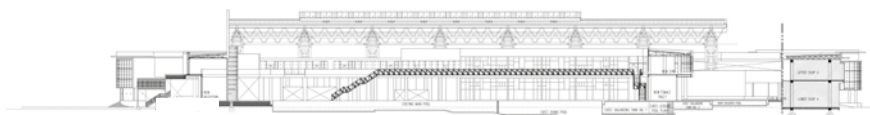
The design challenge of this refurbishment was changing the existing stadium arrangement structure into



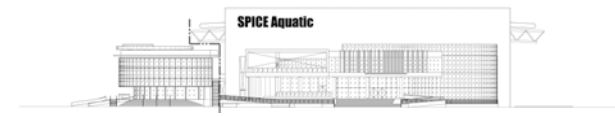
The existing Aquatic Centre before refurbishment works



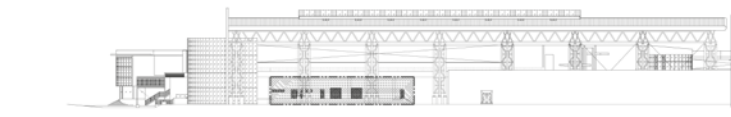
Section B-B



Section C-C

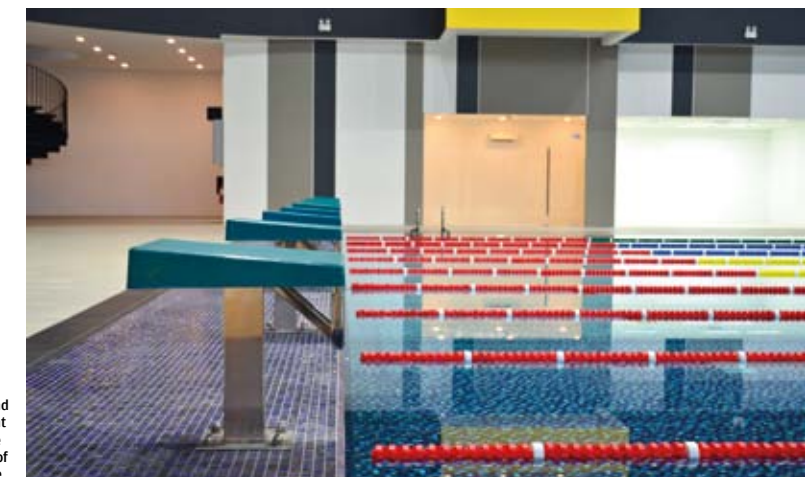


East elevation



North elevation

0m 9m 18m



Colourful mosaic and equipment add to the vibrance of the centre



Candy Land water theme park

**CLIENT**  
ECO MERIDIAN SDN BHD

**YEAR COMPLETED**  
OCTOBER 2015

**LOCATION**  
JALAN TUN DR AWANG,  
PENANG

**ARCHITECT**  
BYG ARCHITECTURE  
SDN BHD

**PROJECT PRINCIPAL**  
A/ MICHAEL ONG CHIN  
KEONG

**PROJECT TEAM**  
TAN CHIEW HOON, LEE  
K. JIN

**SITE AREA**  
102,887.78 SQM

**FLOOR AREA**  
9,448 SQM

**C & S ENGINEER**  
ARUP JURURUNDING  
SDN BHD

**M & E ENGINEER**  
GH CONSULTANTS  
SDN BHD / GH TAG  
CONSULTANCY

**CONTRACTOR**  
MAXRAJIN SDN BHD

**QUANTITY SURVEYOR**  
LANGDON & SEAH (M)  
SDN BHD

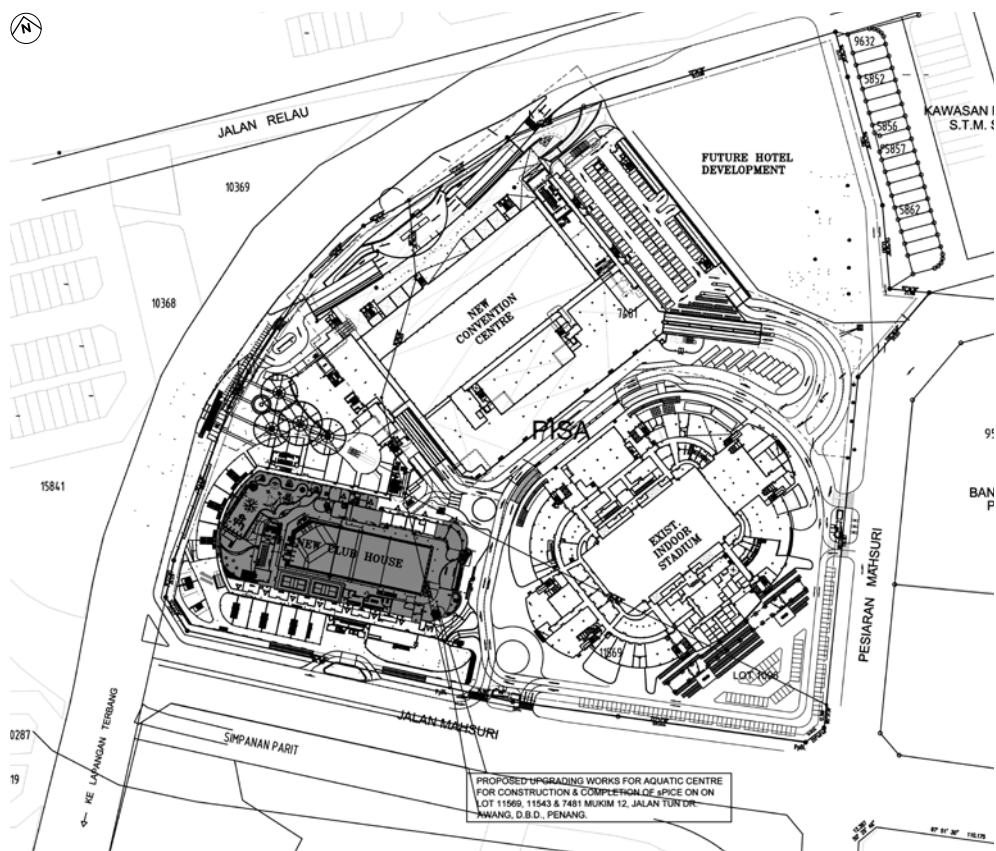
**LIGHTING**  
RP DESIGN

**LANDSCAPING**  
LANDARC ASSOCIATES  
SDN BHD

**SWIMMING POOL  
SPECIALIST**  
AQUATECH POOLS  
SDN BHD

**PHOTOGRAPHY**  
JOHN ANG

Drop-off  
area



Site plan  
\* not to scale



recreational club facilities. Due to the budget constraint, the existing Olympic-sized pool and diving pool remained. The mega steel truss roof also remained, but not without a change of new metal roofing with insulation and a new coat of high performance anti-rust paint.

The existing pool depth was 1.8m to 2.5m, which was too deep for a public pool. As the limitation of existing

piles cannot allow additional topping up, the RC pool was topped up to a depth 1.35m instead, which is the minimum depth for swimming training. Thousands of small RC cubes were used to form a base, with a new layer of waterproofing and mosaic patterns for the pool as well.

Some green features were also incorporated into the Aquatic Centre. For example, solar photovoltaic (PV) sys-

tems were installed at the mega truss roof to generate a total of 700 KWp with 2,800 PV modules, making it the largest solar PV farm in Penang. As a result, 61 tonnes of CO<sub>2</sub> gas emissions are reduced every month, which is equivalent to the electricity consumption of 100 household units. Yet, the entire centre is naturally ventilated, except the gym and sports room which are equipped with air conditioning systems. ❁



FROM LEFT: Badminton hall; Squash court; Olympic-sized swimming pool



A chic and high-end 'kiosk' for stylish lounging, the M Marini is a careful balance between classic Italian luxury and quirky accents – as

inviting as it is intriguing.

# M MARINI



**CLIENT**  
MONT ORO (M) SDN BHD /  
MARINI'S GROUP

**LOCATION**  
SURIA KLCC, KUALA  
LUMPUR

**YEAR COMPLETED**  
MARCH 2014

**ARCHITECT**  
DRTAN LM ARCHITECT

**PROJECT PRINCIPAL**  
AR DR TAN LOKE MUN

**PROJECT TEAM**  
AR DEXTER KOH YEW  
PENG, ALVIN THAM,  
CHUAH PEI JIN

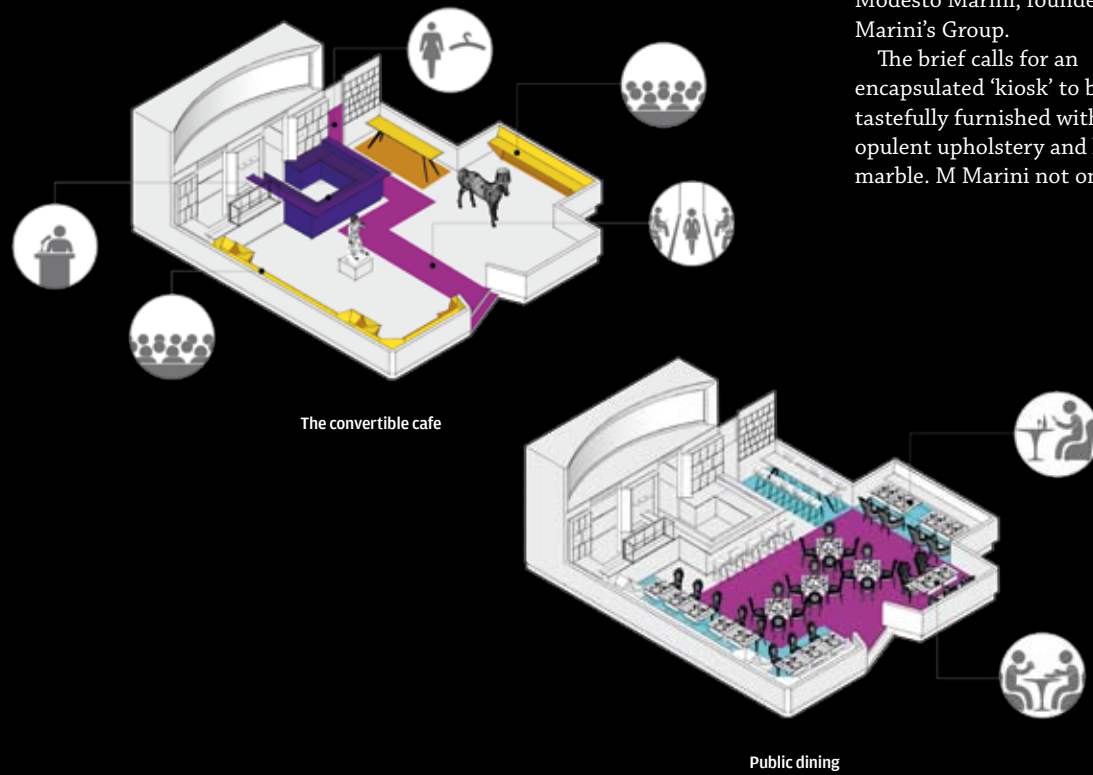
**SITE AREA**  
130 SQM

**FLOOR AREA**  
130 SQM

**CONTRACTOR**  
TL E-CONCEPT SDN BHD

**INTERIOR DESIGN**  
DRTAN LM ARCHITECT

**PHOTOGRAPHY**  
H. LIN HO PHOTOGRAPHY



The grey marble countertop creates a contrast against the black marquina marble wall

The chic M Marini is the city's first champagne and caviar bar that also prides itself with gourmet Italian coffee. Nestled within the enclave of haute couture brands at the Concourse Level of Suria KLCC, M Marini is another trendy initiative by Modesto Marini, founder of Marini's Group.

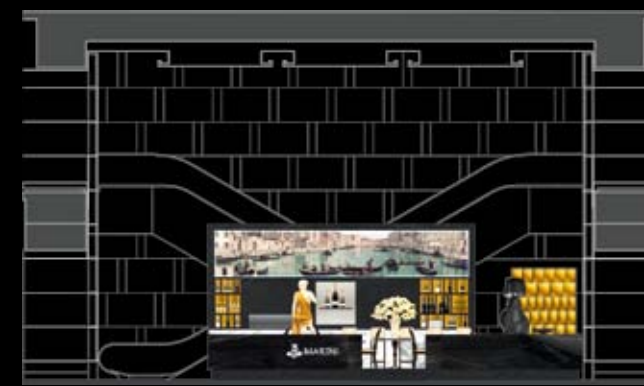
The brief calls for an encapsulated 'kiosk' to be tastefully furnished with opulent upholstery and lavish marble. M Marini not only

redefines the *la dolce vita* in contemporary Italian fine dining, but also aspires to leave a mark in the fashion landscape as it can be transformed into a snazzy runway for the finest fashion shows. The fixed parameter banquet seating is thoughtfully positioned to face the middle area, thus giving the guests a full view of the runway.

The black marquina marble wall encapsulates the café subtly, thus illuminating the under-wall lights and visually suspending the entire café. The interior maintains the meticulous execution of marble and granite, sumptuous damask and ornate cast iron table legs in an open layout, fusing both dining area and the bar. The dark palette of the background surfaces creates a contrast against the off-white furniture and upholstered seating which softens the masculine foundation. The bronze mirror finishing of the shelves at the bar pays homage to Etruscan mirrors.

Unexpected optical punctuations in the form of iconic Italian art replicas, such as the famed David by Michelangelo centrepiece and Canaletto's painting of Venice's Grand Canal as the bar counter's backdrop, seamlessly integrate with the allegory of modern clean lines with eclectic measures of baroque and classical hints. Reminiscing the old and an ode to the new is the cheeky Horse Lamp from Swedish design group, Front Design by Moooi. The life-sized animal with a lamp shade injects a playful sense of fairytale with an equal touch of unadulterated folly.

All in all, M Marini epitomises the ideal Italian art and dining that satisfies the epicureans of contemporary fine dining.

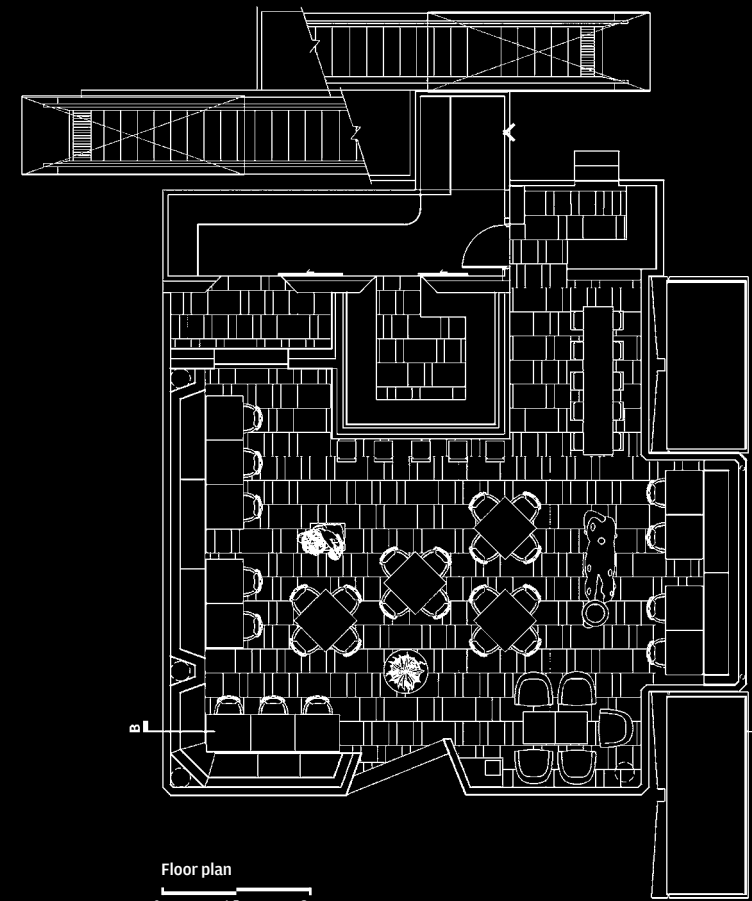


Elevation



Sectional elevation

0m 1.5m 3m



Floor plan

0m 1.5m 3m

FROM TOP: Long tables along the perimeter of the cafe; The grey marble table complements the intricate upholstery; Cheeky Horse Lamp adds an eclectic touch to M Marini's elegance



# TAVERN @ THE ANGKOR STRETCH

What's a brewery headquarters without a bar? Angkor Beer's corporate headquarters is equipped with a modern and vibrant in-house tavern to accommodate special events

and employees to enjoy a pint or two after a hard day's work.

The two-tier open air Beer Garden which may also serve as a stage

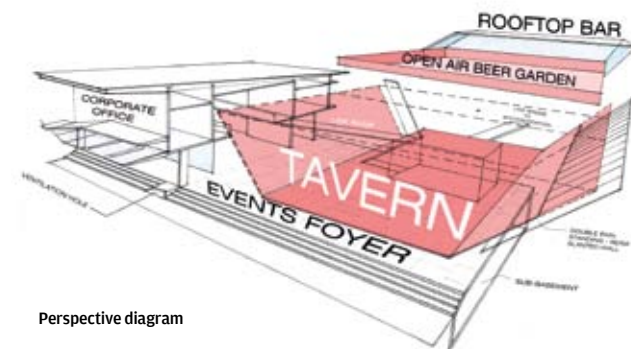


Front elevation

Section

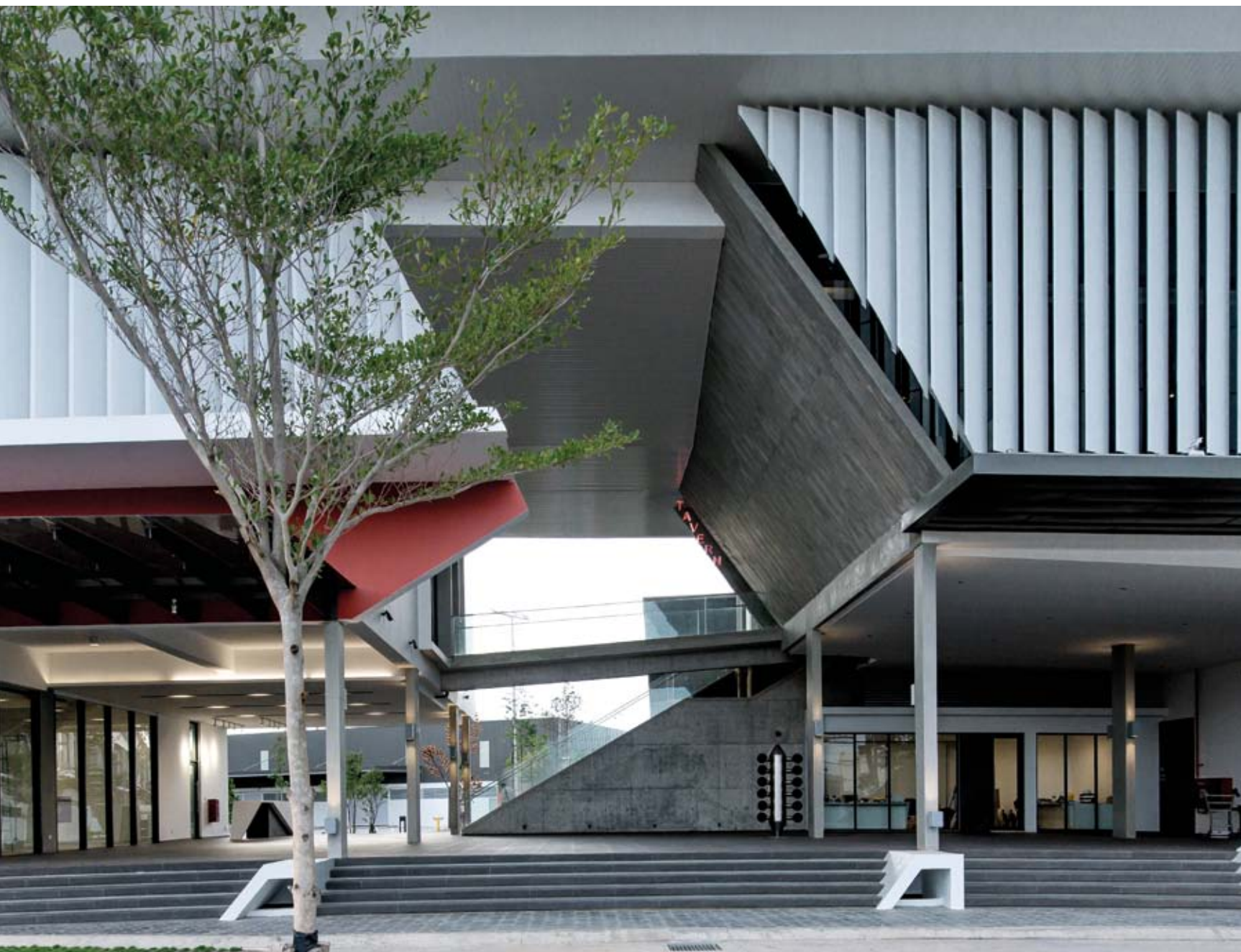
0m 3m 6m

A high-volume punctuation within the building facade as the tavern's entrance statement and event foyer



Perspective diagram

A bridge links the office and provides a glimpse of the central garden from the tavern



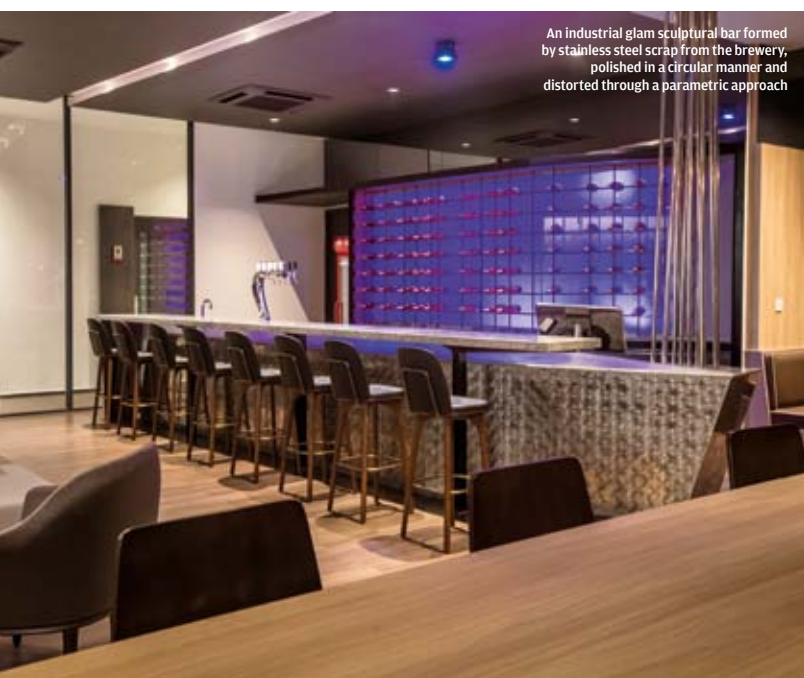
The Angkor Stretch is a newly completed stretch of integrated corporate campus for Cambodia's most popular brewer, the Angkor Beer. It aims to fulfil the company's objective to amalgamate a variety of functions under one roof.

Fundamentally, the whole stretch addresses the busy thoroughfare of the Russian Boulevard, where air and vehicular traffic and movements of pedestrians and peddlers run parallel. Within this long stretch, different zones are segregated, spread out and elongated in a lateral format, but visually communicated through voids and atriums, and physically linked through bridges and ramps within the unifying envelope.

An annexe dedicated to a tavern is established at the intersection of the accommodation/recreational block and the corporate block. Open to invited guests and serving as an after hour club for its staff,



The facade's aero-blade fins serve as a backdrop feature to the tavern with views towards the Russian Boulevard



An industrial glam sculptural bar formed by stainless steel scrap from the brewery, polished in a circular manner and distorted through a parametric approach



The trapezoid box formed by the slanted RC wall transports slightly intoxicated patrons to a more edgy atmosphere



Silhouette of beer bottles from the chandelier is cast on the wall behind a niche

this annexe is almost stand-alone and isolated as it is only linked through bridges and ramps, which give it a sense of exclusivity to relax, celebrate and party. The tavern is visible from every angle of the site.

Below the tavern is the event foyer, a high-volume open plaza with a slanted wall that serves as an entry statement as it forms one of two punctuations within the long, stretched facade and is aesthetically welcoming to visitors. Visitors will have direct access to the tavern and ongoing events without encroaching into the more private corporate office or out-of-bound areas.

The programmes within this annexed zone are vertically

organised – the event foyer is on the ground level, while the tavern is on the first level and connected via a spiral staircase to the two-tier rooftop bar overlooking the bustling Russian Boulevard and sunset horizon. This enables the staging of multiple and simultaneous events at the annexe and ensures efficiency which is vital to a well-established brand.

The idea behind the tavern's trapezoid form was conceived from studies of the Angkor chambers, which is then distorted into a more dynamic form. The tapering end accentuates the length, while the slanted planes initiate a sliding effect to further amplify the effect of intoxication. 𑀓

**CLIENT**  
CAMBREW LTD

**LOCATION**  
PHNOM PENH, CAMBODIA

**YEAR COMPLETED**  
JUNE 2015

**ARCHITECT**  
KKNG ARCHITECT

**PROJECT PRINCIPAL**  
AF KEAT NG

**PROJECT TEAM**  
AF KEAT NG, FAKHRUL RAZI

**FLOOR AREA**  
TAVERN – 200 SQM  
ROOFTOP BAR – 170 SQM

**C & S ENGINEER**  
PERUNDING DELIMA

**M & E ENGINEER**  
VONE CONSULTS

**CONTRACTOR**  
CAMATEC ENGINEERING & CONSTRUCTION CO LTD

**QUANTITY SURVEYOR**  
JKQS

**LANDSCAPING / LIGHTING / INTERIOR DESIGN**  
KKNG ARCHITECT

**PHOTOGRAPHY**  
INTERIOR SHOTS BY NICK SELLS, EXTERIOR SHOTS BY BAKRI HAFIZ

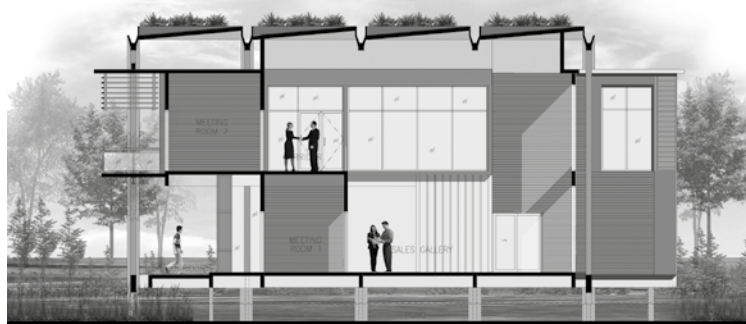


A community club facility that slithers in between residential developments in a fluid parkland and waterway where the various programmes are connected through a serpentine-shaped walkway.

# SYMPHONY HILLS CLUB VILLAGE



The Serpentine Walkway leading to the multi-purpose pavilion



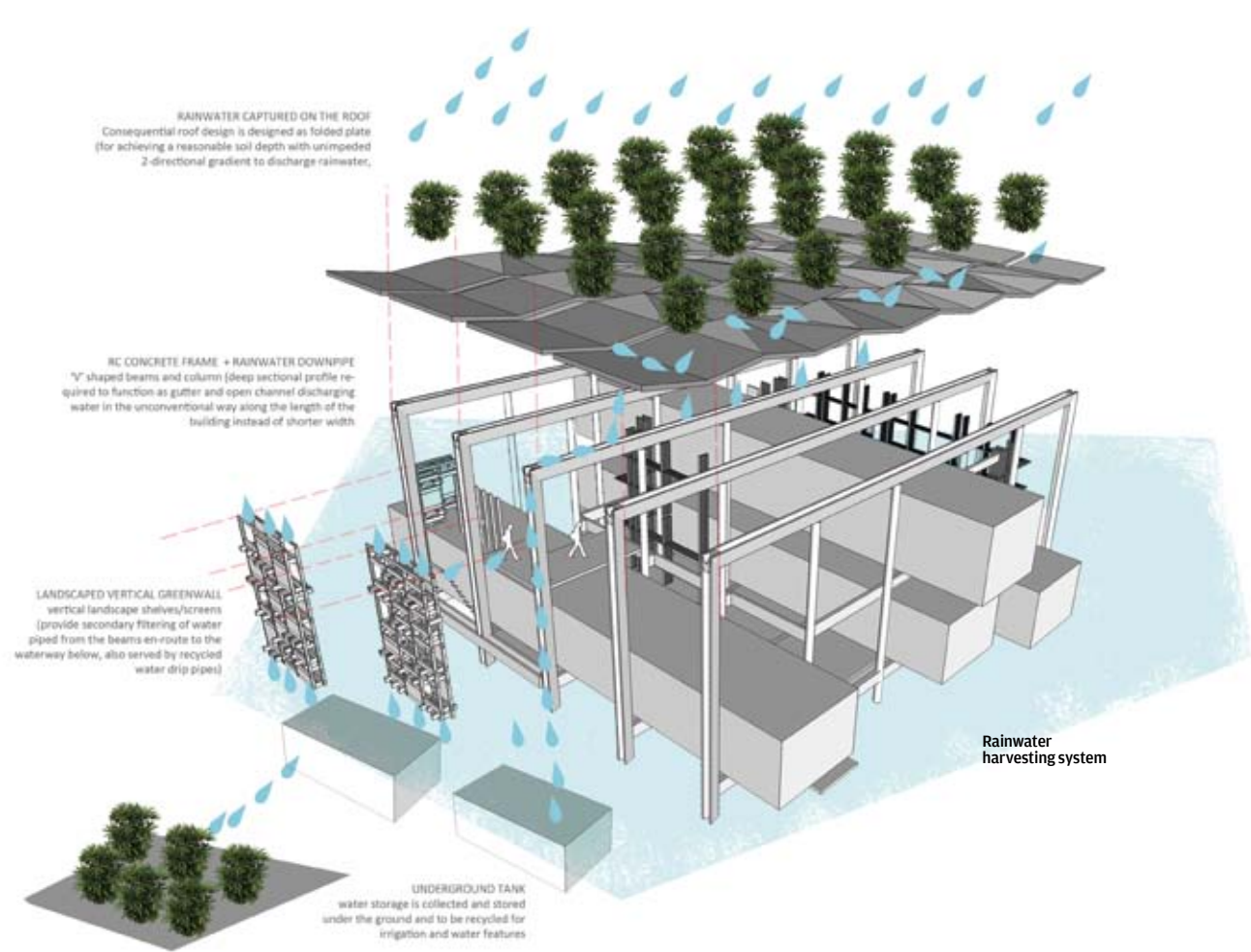
Multi-purpose pavilion section



Management office and business centre section

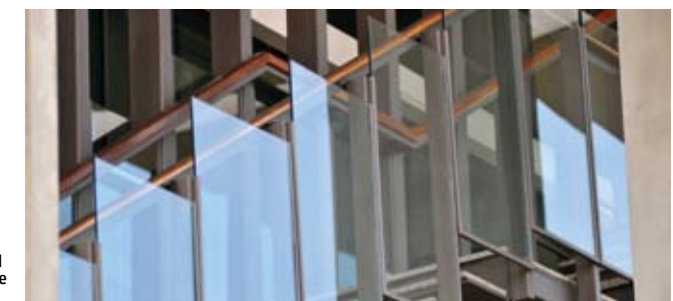
The Symphony Hills Club Village is a community club facility for the 90-acre residential development Symphony Hills in Cyberjaya. The Club Village is designated as the community or village centre – a place where residents meet and socialise, obtain services and amenities, indulge in sports and recreational activities, hold events, etc. Contextually, the site lies in a valley formation sandwiched by landed strata low-rise residential enclaves on both sides. It was thus essential for the built environment to offer itself as a source of attractive views and relief to enhance the marketing aspects of the adjacent residential properties. In response, the scheme was conceived by these strategies and attributes, or poetically speaking, it was substantially shaped by water. The Club Village is a series of pavilions in fragmented, broken down, compact footprint and form,

which provides small water-impervious footprint and an efficient outflow that saves energy by capitalising daylight and utilising a naturally ventilated serpentine-form walkway as circulation. The waterway parkland acts as a natural security buffer and separator between public areas and private residential areas – a reinterpretation of Ha-Ha fences. The Serpentine Walkway that hovers above the water meanders and twists to connect all the functional spaces and pavilions, offering shifting and differing vistas of the waterway parkland from various angles and directions. Spaces between buildings are activated, framed and formed as scenic zones for different activities and visual interest. For example, inside-outside spaces are arranged in seamless organic relationships where differences are ambiguous, internal spaces extend physically and visually to the



outdoors, and building elements simultaneously separate and define the confines of activities within open spaces. The use of green roofs enables maximised green plot ratio, as well as the collection of rainwater and insulation of roof. Additionally, it also offers visual greenery to the higher vantage points from residential units – a unique selling point of the development. A landscape-integrated rainwater collection vessel is lightly placed and spread across the linear parkland and waterway as water offers a cooling effect to the stilted buildings, in addition to its irrigation function. The use of vertical landscape racks for sun shading and cooling and the Serpentine Walkway aims to reduce the impact of buildings in the landscape, whilst expressing industrial aesthetics by using modular and off-the-shelf industrial products. The Club Village is also

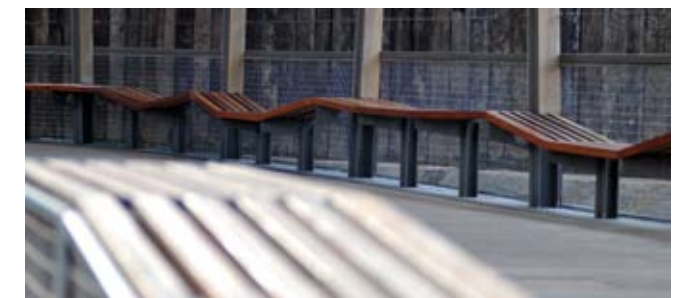
devised as multifunctional, adaptable spaces based on modular structures – 4.5 m x 6.0 m grid formed by portal-like continuous 'V' section reinforced concrete post-and-beam frames with folded plate slabs in between bays, supported at intermediate spans by skinny circular columns at 6 m intervals. The folded plate slabs provide reasonable built-in gradient, while the 'V' sectional profile of beams functions as rainwater gutters and profiled columns guide filtered water (by soil and plants) downwards into the waterway. Secondary and non-structural infill spaces are formed in response to relevant programmes and functions that are slot in between the modular framework, which is expressed in an 'extruded' box form of varying dimensions using brick, steel, glass and wall or floor board construction selected through the criteria of span, lightness, openness, airiness, green value or recyclable value, etc.



The fire staircase has been articulated as a feature staircase



Hanging Z profile – staircase tread detail



Benches along the Serpentine Walkway

**CLIENT**  
SYMPHONY HILLS  
SDN BHD

**LOCATION**  
CYBERJAYA, SEPANG,  
SELANGOR

**YEAR COMPLETED**  
PHASE 1 – OCTOBER 2010  
PHASE 2 – FEBRUARY  
2013

**ARCHITECT**  
GARIS ARCHITECTS  
SDN BHD

**PROJECT PRINCIPALS**  
AF TANG HSIAO SEAK,  
AF NGU NGIE WOON

**PROJECT TEAM**  
ROSMA SABRINA ROSLAN

**SITE AREA**  
16,956.33 SQM

**BUILT-UP AREA**  
2,225 SQM

**C & S ENGINEER**  
KEMASEPAKAT SDN BHD

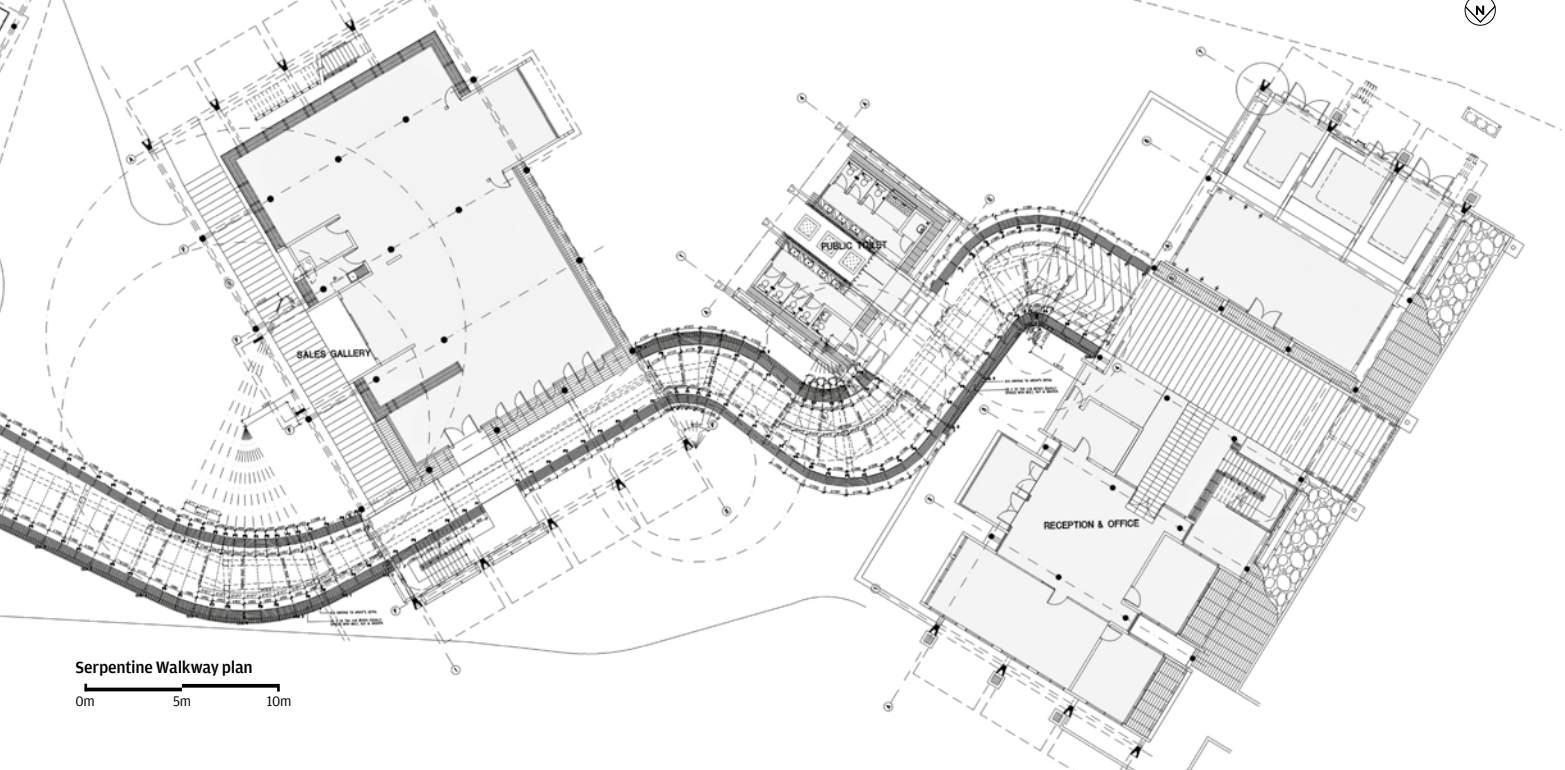
**M & E ENGINEER**  
JURUKUR BUDIMAN  
SDN BHD

**CONTRACTOR**  
PHASE 1 – KIMLUN  
SDN BHD  
PHASE 2 – SETAR PELANA  
SDN BHD

**QUANTITY SURVEYOR**  
JURUKUR BAHAN ANTARA

**LANDSCAPING**  
EDC LANDSCAPED  
SDN BHD

**PHOTOGRAPHY**  
STEVEN NGU, GARIS  
ARCHITECTS SDN BHD



Serpentine Walkway plan  
0m 5m 10m

3D render of green roof pavilions  
spread across the linear parkland and waterway



FROM TOP: The entrance pavilion is formed as the gateway  
building to the clubhouse pavilion party; Water feature in between pavilions

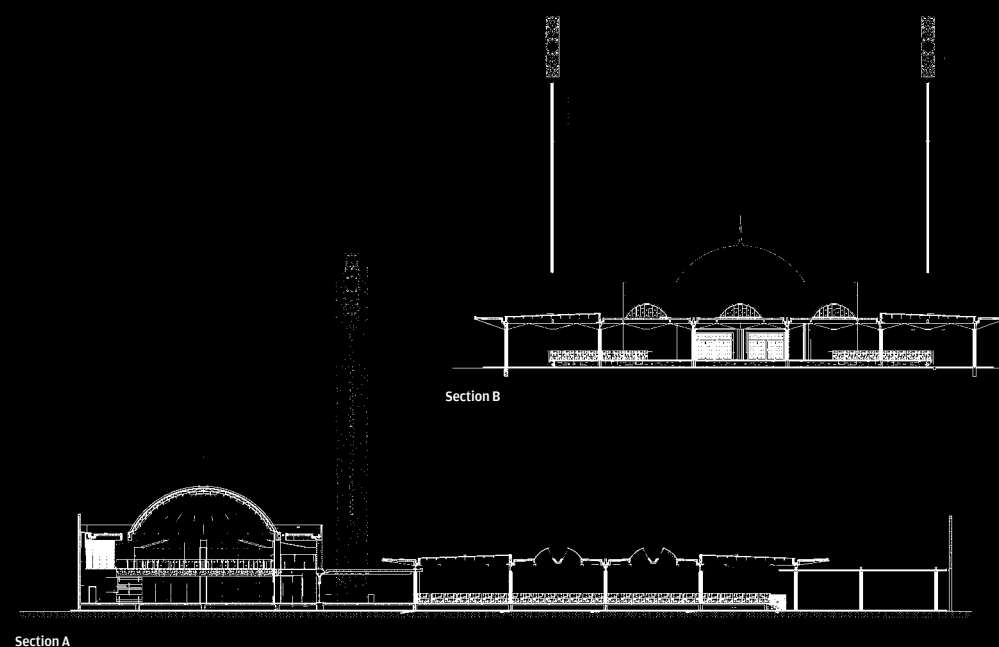


Vertical landscape shelves that also  
provide shade to the hanging staircase



# MASJID PUNCAK ALAM

A simple yet contemporary reinterpretation of the vernacular *masjid*, without losing the traditional motifs and architectural language symbolic of the Islamic culture.



Section A

Section B

The Masjid Puncak Alam complex was commissioned by Puncak Alam Housing Sdn Bhd in 2008 to cater for the growing Muslim population in the Puncak Alam township. The first phase was completed in July 2014 and comprises a main prayer hall and open prayer hall, both of which can accommodate a total of 5,000 worshippers, two towering minarets, an administrative building with teaching rooms, and a multi-purpose hall with a seating capacity of

500. This *masjid* complex was intended not only as a place for congregational prayers but also a communal focal hub to celebrate activities according to Islamic events, festivals and ceremonies.

#### DESIGN CONCEPT

From the outset, the architect had envisioned to establish a contemporary and definitive architectural language for the *masjid*, characterised by geometrical clarity and abstraction without resorting to historical pastiche whilst

maintaining the essence of Islamic architecture. The overall design concept was to maximise the green field site of about 9 acres to orientate the building to maximise natural ventilation and lighting with ample glazed openings, landscaped open spaces and wide roof overhangs for protection from the natural elements.

The *masjid* complex was designed to revolve around the air-conditioned and elevated main prayer hall, which is the main feature





ABOVE: The open prayer hall that is shaded but naturally ventilated

of the *masjid*. Both sides of the main prayer hall are connected by a ramp for handicap access. The eastern side of the main prayer hall extends out and connects to an additional open prayer hall area, which is semi-enclosed with natural ventilation. Six partially glazed domes allow sunlight and shadows to cast themselves on the white gleaming marble floors, as well as provide visual relief to the wide ceiling. The ceilings are a series of inverted pyramids to animate the prayer spaces and serve an acoustic purpose to disseminate sound effectively throughout the space. The prayer spaces are elevated 900 mm above ground level to express the building's special character and finished in white internally and externally to symbolise purity.

The dome of the *masjid* is decorated with Arabic words and a simple, circular chandelier



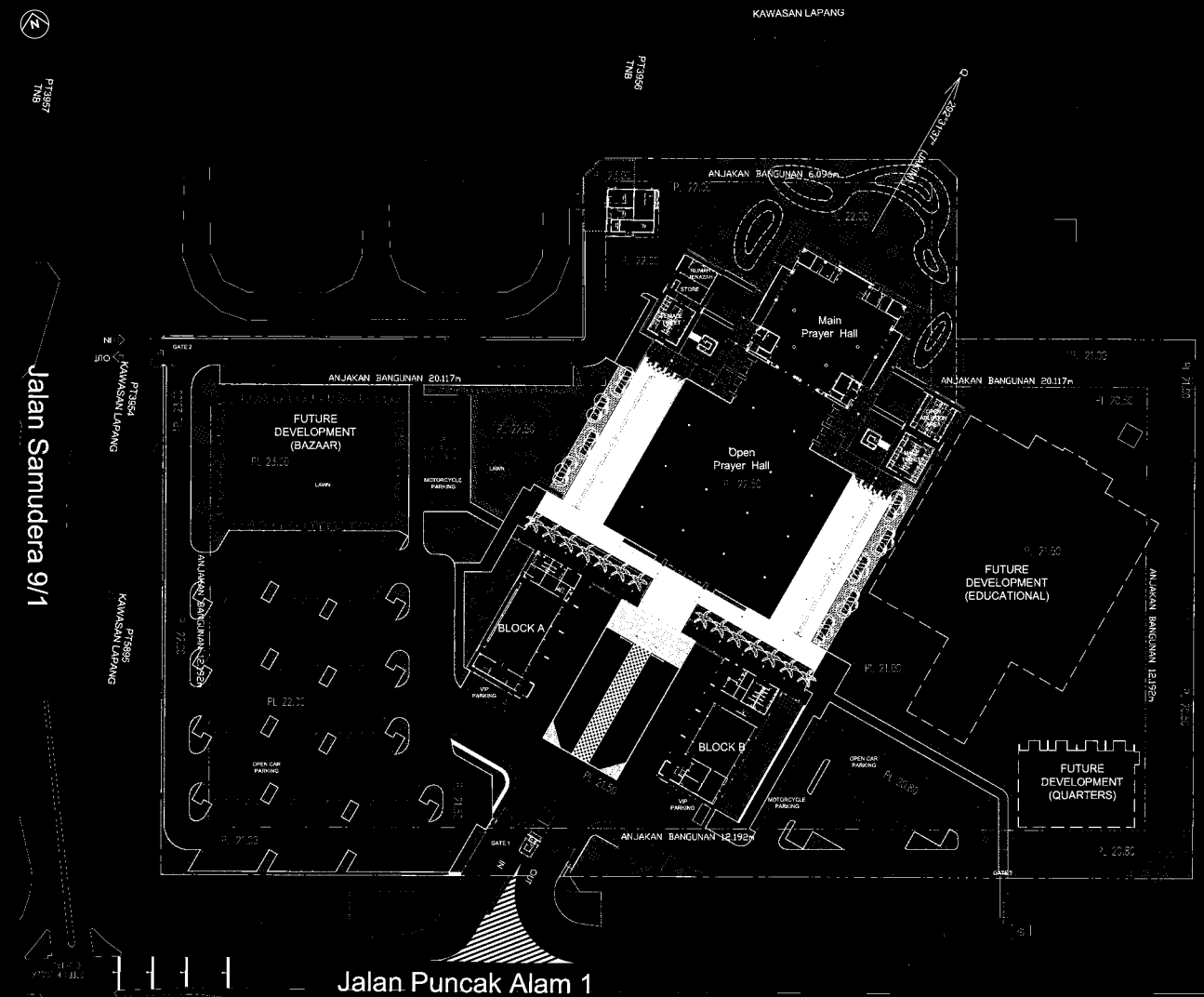
The Arabesque-decorated *gerbang* (gateway) at the main vehicular drop-off is a landmark feature and symbolises the main entrance gateway from the entrance forecourt to the open prayer hall and onwards to the main prayer hall. The entrance forecourt provides a transition from outside to the two prayer halls and also functions as an overflow space for the community to congregate for religious or social functions. A wide covered walkway connects the open prayer hall and two adjacent ancillary blocks to unify the whole composition.

Inside the main prayer hall, the use of recessed perimeter skylights ensures ample natural light internally with both the *mihrab* and *mimbar* subtly articulated through space and light. The continuous skylights create an illusion that the ceiling dome is floating. Light that shines through from the skylight emphasises its presence as a discreet element. Externally, specialised lighting defines the key elements of the building through LED lights and programmable dimming control system to ensure ease of use and low power consumption.

#### FEATURES OF THE MASJID

**Toilets/Ablution Block:** The male and female toilet areas are well-ventilated through continuous top openings to allow natural light and ventilation inside both areas. The design of the toilets or ablution areas with high quality tiles and sanitary fittings is a radical departure from the conventional dark and stuffy toilets.

**Main Ablution:** Ample ablution facilities are provided adjacent to the open prayer hall on both sides for the convenience of the congregation. This area is well-ventilated and a departure from the cramped environment provided in other *masjids*. Separate facilities are provided for female worshippers.



Site plan  
0m 16m 32m

The grand *gerbang* composed of Arabesque patterns at the entrance forecourt courtyard



**Administrative Building:** Office areas and a meeting room for the daily administration of the *masjid* are provided on the ground level. Classrooms and a library are available on the first floor for the teaching of Islamic classes.

**Multi-Purpose Hall (MPH):** The MPH is able to accommodate 500 people for varied functions and is also open to community usage. Shower areas are provided along with sufficient toilet facilities.

**Entrance Forecourt Courtyard:** It is a transition

axial space from the outside main gate to the open prayer hall and beyond, characterised by a grand *gerbang* (gateway) decorated with Arabesque patterns made from glass fibre reinforced concrete (GRC). This space also serves as an overflow space for the communal activities held at the complex.

**Minaret:** Twin minarets at approximately 40 metres tall are the focal points of the *masjid*. The minaret is a shear reinforced concrete (RC) wall with a long vertical void for natural lighting and ventilation, with incorporated

LED lighting strip for a spectacular night-time effect.

**Acoustics System and LED TVs:** The acoustics system employs the steerable TOA array column speaker, which is believed to be the first installation completed in the world. LED TVs are also placed strategically at the front wall of both prayer halls for use during sermons.

**Main Chandelier:** The chandelier is a multi-layered design with a colour-changing function to match the mood of the situation or function. ❦

**CLIENT**  
PUNCAK ALAM HOUSING SDN BHD

**LOCATION**  
PUNCAK ALAM, SELANGOR

**YEAR COMPLETED**  
JUNE 2014

**ARCHITECT**  
ZON DESIGN REKABINA SDN BHD

**PROJECT PRINCIPAL**  
AF AHMAD JAAFAR BIN AZIZUL RAHMAN

**PROJECT TEAM**  
AZMI ABDULLAH, ABU ZAKI HADRI, NASRUL ISHAM ABD GHANI

**SITE AREA**  
50,384.02 SQM

**FLOOR AREA**  
40,403.31 SQM

**C & S ENGINEER**  
ARSEA CONSULTING ENGINEERS SDN BHD

**M & E ENGINEER**  
MEGA JATI CONSULT SDN BHD

**CONTRACTOR**  
FNA BUILDERS & SERVICES SDN BHD

**QUANTITY SURVEYOR**  
JUB BERSAMA SDN BHD

**LIGHTING**  
LIGHTWAVE LIGHTING DESIGN SDN BHD

**LANDSCAPING**  
AROMA TROPICS SDN BHD

**PHOTOGRAPHY**  
WB STUDIO & LAKALAKA PHOTOGRAPHY

# BACKHOME

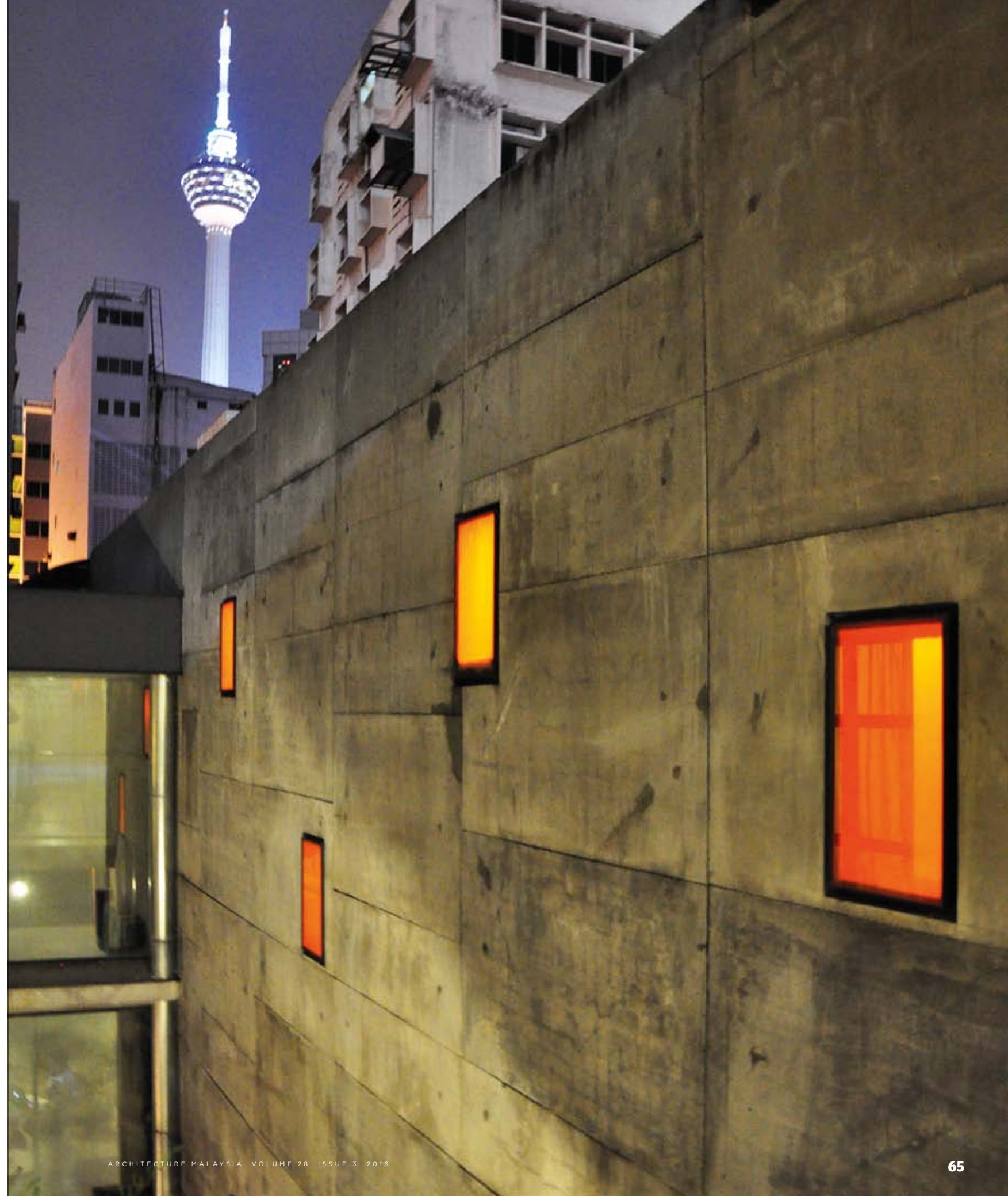
Unlike dated budget hotels, the BackHome is a breath of fresh air in the bustling city of Kuala Lumpur, providing cosy and comfortable respite for tourists and visitors especially in the shady recesses of its courtyard cafe.



**B**ackHome is a traveller's hotel, which appears quite contrary to how a traveller would imagine a budget accommodation to look like as it sits along the busy street of Jalan Tun HS Lee, Central Kuala Lumpur (KL). One would experience a warm unexpected surprise as they walk up to the sleek white-surfaced shop lot decorated with black doves on the facade, which gives a sense of uplift and comfort.

From the perspective of a traveller, the location of BackHome is central to the train lines, public cab and buses, as well as historical tourist attractions. Other than being a strategic departure point to explore KL, BackHome also functions as a convenient transit point to allow travellers to stay long enough to jaunt from one country to another within the Asian region and once again return home from their excursion; hence the name 'BackHome'. Nurturing the concept of inviting a traveller into a 'home' where they are welcome to move about the spaces comfortably has attracted many long-stay travellers who frequently revisit.

The enchanting architectural journey starts as one enters the reception and guest lounge area and makes their way through to an archway which splits the double-volume space into two, forming two rectangular courtyards – one bigger than the other – allowing sunlight to penetrate through. Three contrasting facades that compliment one another encompass the courtyard – the brick walls on the East, the re-





Orange tinted rectangular light boxes glowing from the raw concrete wall with green creepers draping from the roof, setting a serene ambience for guests to relax

tained post-war facade on the West, and a feature concrete wall of irregular formwork that soars to the sky on the North. To soften the edge of the East wall, green creepers and climbers were added to create colour for a visually pleasing and relaxing environment.

During the day when the travellers are out roaming the city, the courtyards would be largely occupied by cafe customers and even more so after working hours in the evenings

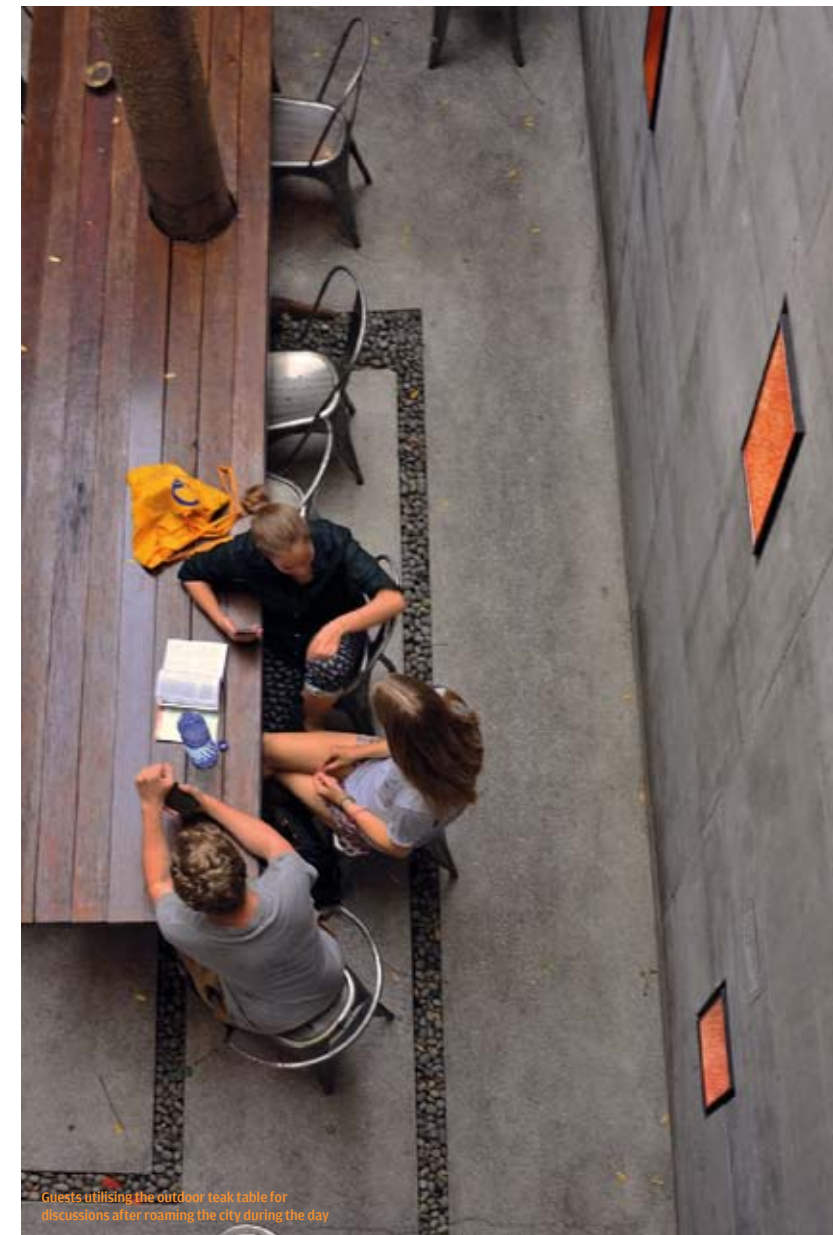
and nights. During sunset, the open space is flooded with sunlight filtered by palm trees that cast playful shadows, gradually transforming the space into a tranquil and serene environment. Like a light show, the rectangular light boxes that puncture the feature concrete wall morph into whimsical elements irradiating the courtyard with seemingly floating lanterns.

The transition of the open courtyard from public to semi-private allows one to use

the space as an extension to their living space. Designed to meet the different needs and types of travellers, the vast sitting arrangement and niches placed across the open courtyard allow one to enjoy a book in a quiet corner of an enlarged window ledge, indulge in deeper conversation with a partner at a table for two, lay on a concrete bench to stargaze, or even interact with fellow travellers and share travelling experiences at the distinctive teak table that em-

braces a single-trunked palm tree in the centre, all while palm leaves gently rustle in the wind over the faint sounds of the city.

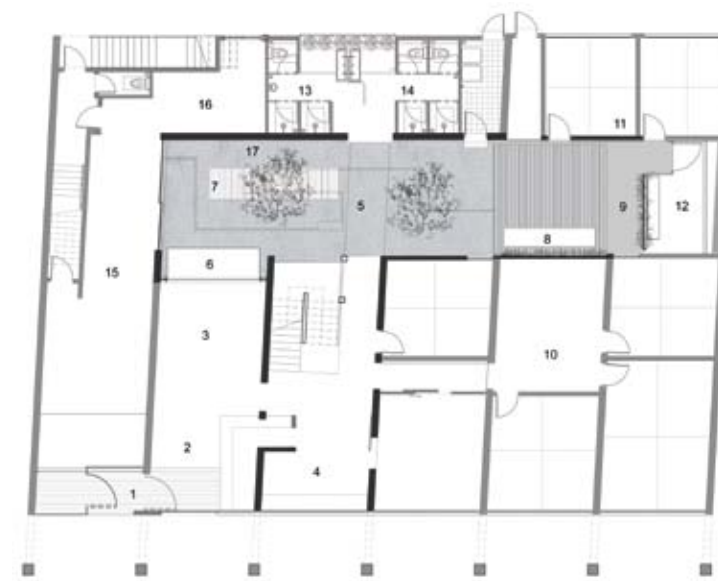
A traveller's experience is undoubtedly enriched when they benefit from the convenience of being in a central location and having a peaceful retreat from the hustle and bustle of the city, where they can feel comfortable and welcomed during the day and after hours. One will truly feel at home BackHome. 36



Guests utilising the outdoor teak table for discussions after roaming the city during the day



A traveller enjoying her book in a quiet corner at the courtyard during a rainy evening



**LEGEND**

1. ENTRANCE FOYER
2. RECEPTION
3. GUEST LOUNGE
4. PANTRY
5. OPEN COURTYARD
6. EXTENDED LEDGE SEATING
7. ELONGATED TEAK TABLE FOR GATHERINGS
8. CAST CONCRETE OUTDOOR SEATING
9. WALL CREEPERS WITH TABLE SEATINGS
10. PREMIUM TWIN, 4 & 6 PAX DORMITORY AREA
11. PREMIUM TWIN ROOM
12. LAUNDRY AREA
13. MALE WASHROOM
14. FEMALE WASHROOM
15. CAFE
16. KITCHEN
17. RAW CONCRETE FEATURE WALL



Ground floor plan

0m 2m 3m

**CLIENT**  
BACKHOME SDN BHD

**LOCATION**  
JALAN TUN HS LEE,  
KUALA LUMPUR

**ARCHITECT**  
DOMAINE ARCHITECTS

**PROJECT PRINCIPAL**  
AY MASYERIN MN

**PROJECT TEAM**  
DOMAINE ARCHITECTS

**C & S ENGINEER**  
LEE CONSULT

**M & E ENGINEER**  
NOVA CONSULT SDN BHD

**CONTRACTOR**  
D INTERIORER

**QUANTITY SURVEYOR**  
NIFTY MANAGEMENT

**LIGHTING**  
BACKHOME SDN BHD &  
DOMAINE ARCHITECTS

**LANDSCAPING**  
BACKHOME SDN BHD &  
DOMAINE ARCHITECTS

**PHOTOGRAPHY**  
FARAH DINI YAHYA  
YUSSOF, CHUN YANG HAU,  
GEHAD BABUKAIR

# THE CONCRETE CLOUD, BAYAN CLUB

Akin to fluffy overcast clouds, The Concrete Cloud is an exploration of a solid building form at the top that protects open spaces below from the warm and humid tropical weather.



**T**he 'Concrete Cloud' concept is a tested and unique green architecture concept that can be used for broad-base application. Bayan Club, the prototype of this concept, has proven this. Located at Seri Kembangan, a sub-urban area in the state of Selangor, the four-storey building offers sports and commercial facilities to the residents of the surrounding areas. The sports facilities consist of a swimming pool, children pool, tennis court, three badminton courts and a gym.

The site is located on a small hill with a gently sloping profile towards the southeastern side. There are residential blocks to the north and a retention pond and valley to the south. The main access is from the north boundary. Due to this topography, the site receives constant breeze from the lower part of the land profile. Therefore, a solid built form would block the breeze that blows towards the residential blocks and prevent the dispersal of the heat island effect at the residential blocks.

## THE CONCRETE CLOUD

In order to let the breeze through, the building has to be elevated. Taking a cue from

the tropical overcast cloud, the architect explored the concept of forming a heavy cloud at the top of the building, enabling the spaces below to be porous and open, protected from the warm and humid tropical weather. The design goes against the grain by stacking the space that requires the least natural air movement on top, namely the hall with the badminton courts (the game requires no air movement), leaving the three lower levels skeletonised with spaces split into pods and voids.

Constant hill breezes penetrate the porous spaces and continue towards the town houses at the back. Two design strategies have been adopted to cool down the breeze: Having the 'cloud' cast deep shade to the porous spaces below; and introducing water elements at each open floor, namely the water lobby, swimming pool and children pool, and retention pond with water cascading down from one water element to another. Hence, the 'Concrete Cloud' enables 70% of the building to be naturally ventilated and creates a cooling microclimate within the club that is 1 to 2 degrees cooler than the surrounding temperature.

The elevated building form enables spaces below it to benefit from the shade and natural breeze



pool infinity fall becomes part of the water feature for the lower ground shops below the pool. With that, the architect managed to use only two pump and filter units to operate the multi-tier water elements. The multi-cascading water makes 10% of the building surface fluid and dynamic.

### LOUVRE WALLS WITH DAYLIGHT MAGIC

The 'Concrete Cloud' is also a multi-purpose hall cum badminton hall. Conventional badminton halls call for a black box design but the architect devised a twist by introducing additional volume above the playing volume in the hall. This enables the play of natural light above the playing volume, creating a somewhat magical ambience in the hall when used as a multi-purpose hall. The louvre wall and glass panels are

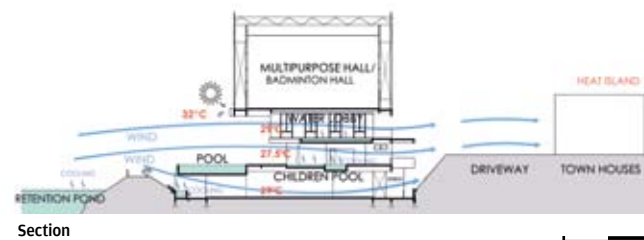
sealed as badminton requires no air movement.

### SOCIAL DESIGN

Porous spaces with minimal walls enable maximum visual connections, which encourage users from the surrounding community to mingle. To increase social footprint, the club has also integrated the retention pond's community park as part of its facilities.

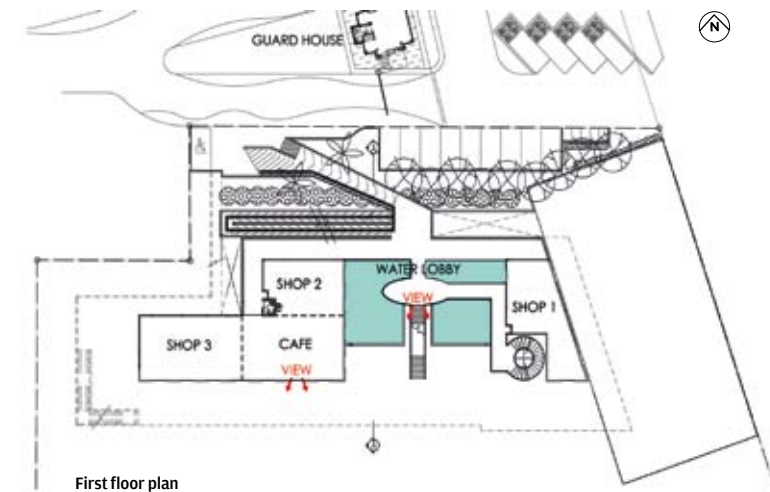
### PROJECT SIGNIFICANCE & IMPACT

The dialogue with nature through carefully orchestrated spaces enables the appreciation of the panoramic green view in a dramatic sequence. It allows one to have spatial romance with the weather directly under the protection of the 'Cloud'. At the same time, this concept has helped to save substantial energy and operation costs. ☺

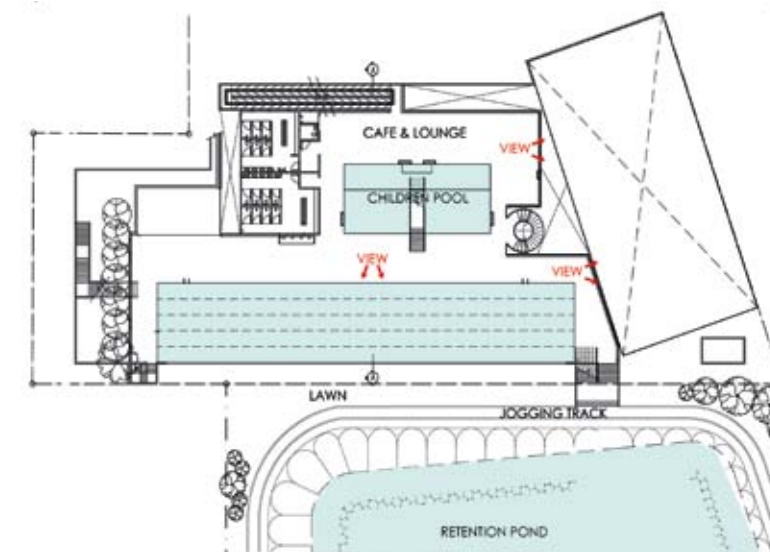


Section

0m 6m 12m



First floor plan



Ground floor plan

0m 8m 16m

View towards the retention pond's community park, which has been integrated as part of the club



**CLIENT**  
BUKIT IKHLAS  
DEVELOPMENT SDN BHD

**YEAR COMPLETED**  
2014

**PROJECT TEAM**  
TENGGU ARIFF BIN  
TENGGU AHMAD, TP TAI

**C & S ENGINEER**  
AAE JURUTERA  
PERUNDING

**CONTRACTOR**  
PEMBINAAN  
INFRASTRUKTUR OKH  
SDN BHD

**QUANTITY SURVEYOR**  
JURUKOS

**MAIN MATERIALS**  
PLASTER AND PAINT,  
TILES, ALUMINIUM  
LOUVRES, MILD STEEL

**PHOTOGRAPHY**  
Ar TAN SIH PIN

**LOCATION**  
SERI KEMBANGAN,  
SELANGOR

**ARCHITECT**  
S.PIN ARCHITECT

**SITE AREA**  
3,278 SQM

**M & E ENGINEER**  
PERUNDING MAO

**SUB-CONTRACTOR**  
AMBIUS POOL DESIGN  
& BUILD

**BUILT-UP AREA**  
5,600 SQM

Other passive design strategies used to cool down the building include aluminium louvre panels as the envelope, which have weaker heat conduction property; double 'C' frame with vertical bold parts directed towards the west, shading the top floor recessed louvre wall and glass wall from the afternoon sun; and insulated metal roof.

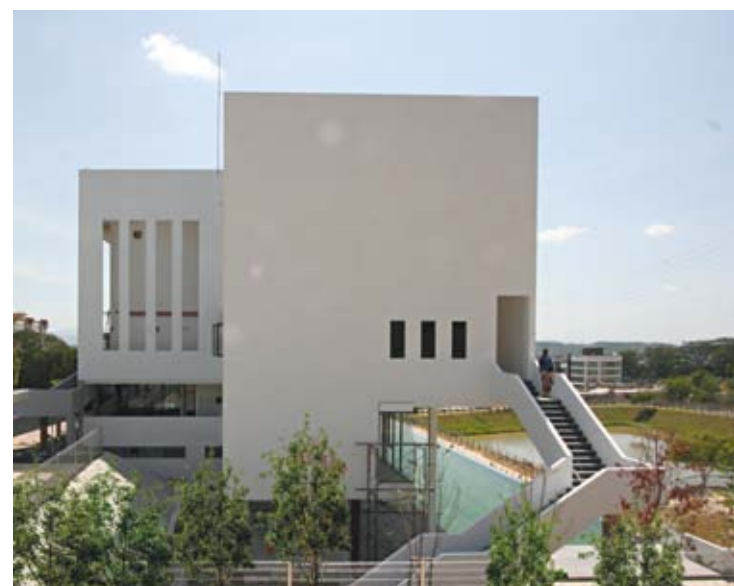
### VISUAL DIALOGUE WITH NATURE: THREE-TIER INFINITY VIEW

Due to the land profile, one enters the building via the mid level through a ramp. Filling the entrance lobby with water,

the architect created a three-tier infinity view from the lobby towards the swimming pool, infinity fall below and retention pond beyond. The flanking shops enjoy three-tier infinity views as well. One walks 'into' the water at the lobby to reach the swimming and changing room level below. This manipulation enhances the user's spatial experience.

### GREEN DIALOGUE WITH NATURE: THREE-TIER MOVING WATER

The lobby waterfall serves as the water feature of the children's pool below. At the same time, the swimming



TOP OF PAGE: Spiral staircase that links all the floors; BOTTOM: West elevation with minimal openings, which acts as the afternoon heat barrier



# OASIS SQUARE

An oasis in the township of Ara Damansara, the Oasis Square is a vibrant commercial centre surrounding a main water feature that gathers the community for an alfresco dining and shopping experience.

Located in Ara Damansara, Oasis Square is a 15.7-acre development that embraces the ideals of sustainability and communal values, which promote a sense of place and individuality. Positioning itself as a prime commercial venue, the development takes advantage of its strategic location to showcase its vibrancy from the streets.

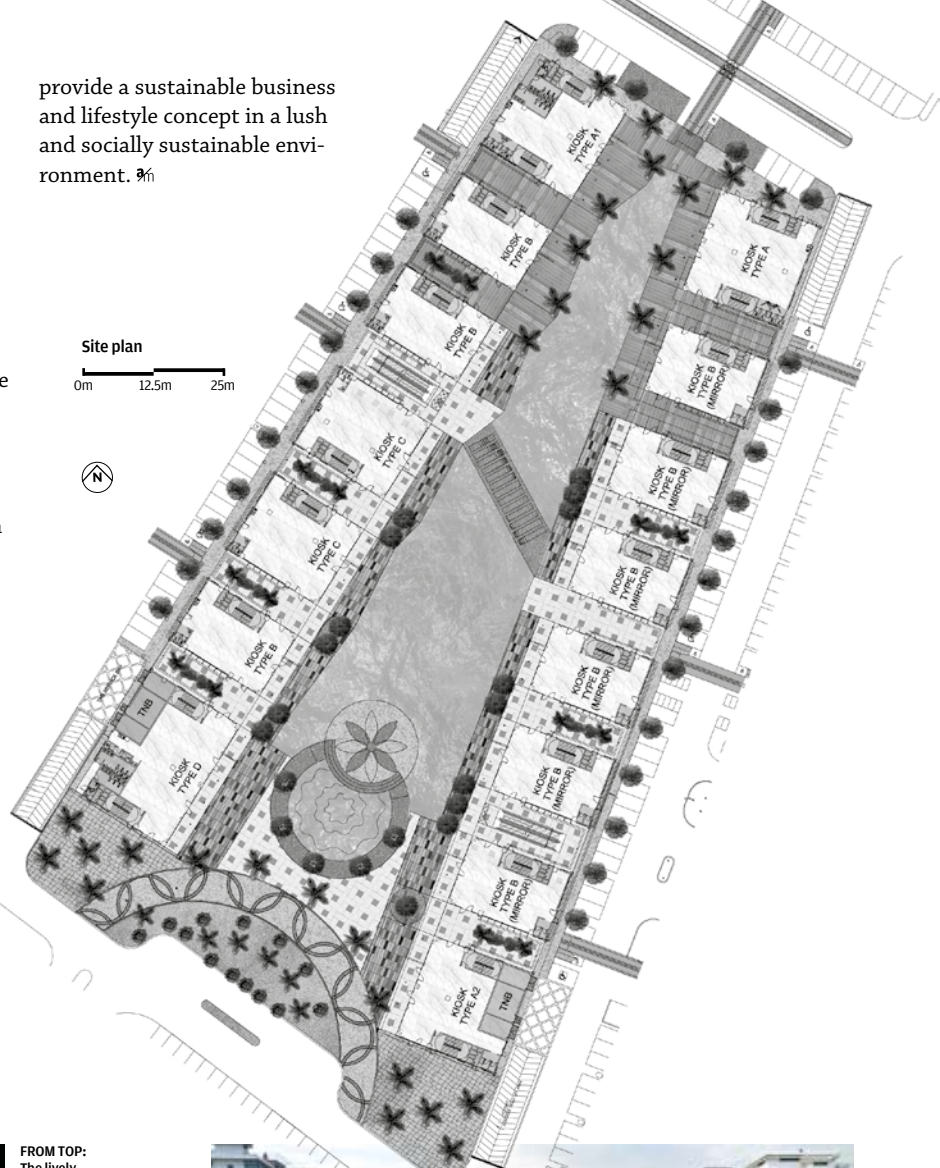
Visible day and night from the main road of Jalan Lapangan Terbang Subang, Oasis Square exudes lively activity and festivity. It comprises intimate shops and waterfront cafes and restaurants that focus on the sensory experience in shopping, eating and leisure. Consisting of a low density signature alfresco dining, pedestrian-friendly water canal, floating concert stage and scenic bridge, this after hours space is lined with lush greenery, water feature and artistic light installations.

In fact, the enclave that is

located in the middle of Oasis Square has become a defining feature in Kuala Lumpur's food and beverage (F&B) scene, not only for the food but the attractive and cozy ambience. This experience is further accentuated especially in the evenings after sunset. As reported by Brunfield International Group, Executive Director, Mohamad Hassan Zakaria in the National Transformation Programme Annual Report 2015, the development has not only drawn in locals but also multinationals and expatriates to enjoy themselves with family and friends.

Oasis Square is a conducive environment to work, live and play in the vibrant growing district of Ara Damansara. With design concepts that emphasise on security and safety, health and cleanliness, communal values, innovative dining experience and a cozy environment, Oasis Square is poised to enhance the character of its neighbourhood and

provide a sustainable business and lifestyle concept in a lush and socially sustainable environment. 96



FROM TOP: The lively environment of Oasis Square at night; 3D render of Oasis Square at night



FROM TOP: Aerial view of Oasis Square; Patrons are surrounded by water, almost like being on a jetty



Alfresco dining line the waterfront walkway

**CLIENT**  
SIME DARBY BRUNSFIELD HOLDING SDN BHD

**LOCATION**  
ARA DAMANSARA, PETALING JAYA, SELANGOR

**YEAR COMPLETED**  
AUGUST 2011

**SITE AREA**  
63,535.65 SQM

**FLOOR AREA**  
27,900 SQM

**C & S ENGINEER**  
TVL PERUNDING SDN BHD

**M & E ENGINEER**  
JURUTERA CMP SDN BHD

**CONTRACTOR**  
BRUNSFIELD ENGINEERING SDN BHD

**ARCHITECT**  
A.H.TEE ARCHITECT

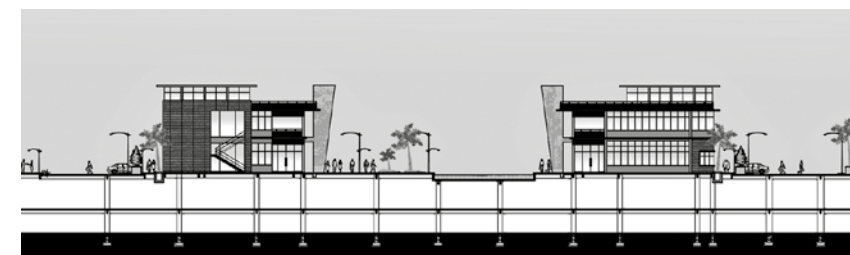


Front Elevation



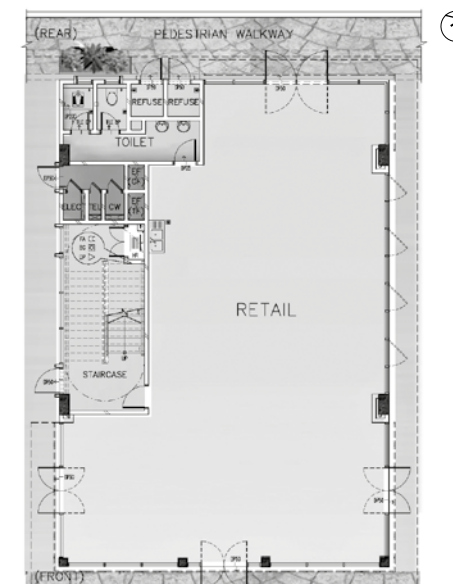
Rear Elevation

0m 2m 4m



Section

0m 9m 18m



Ground floor plan

0m 3m 6m



# THE ANATOMY OF ARCHITECTURE AFTER HOURS

We spend hours and hours in after hours outlets, such as away-from-home dining and entertainment, among others. But what makes these after hours spaces appealing to users?



The indoor atrium at The Gardens Mall, Kuala Lumpur

Daily life could easily be divided into three parts: working, sleeping and everything else in between. Home is usually the place that we spend the most time, followed by the office. But it is the places we go in between that are the least dull of all as it includes travelling, leisure, socialising and various other 'after hours' activities. So what exactly is 'after hours'? MacMillan Dictionary (accessed May 2016) described it as "after the time in the day when you finish work", while Merriam-Webster (accessed May 2016) described it as "engaged in or operating after a legal or conventional closing time". Generally, it

is the engagement of leisure and pleasure seeking outlets and quality enclosure to feed physical and emotional needs as a human being. Is there architecture for after hours, and how different is it from hospitality architecture? While resorts, hotels, motels, entertainment meccas and spas all fall under hospitality architecture, after hours architecture has more intimate and focused spatial arrangements.

## SPATIAL STYLE

People constantly scan their environments for stimuli and information that are essential in making conscious and

unconscious judgements concerning the surrounding, thus enabling them to determine what attitudes and actions are most appropriate. The aesthetic quality of the environment has a great influence on a person's behaviour, attitude and general wellbeing (Bhatia, 2003). Today's culture of away-from-home dining and entertainment has become a primary part of the modern social culture. As such, restaurants, cafes, bars and pubs are an integral part of the success of the culture (Desai, 2011). Besides, their proliferation has led to the emergence of a high growth, segmented and highly

competitive industry. Such factors have led to the need for conscious and professional interior designing of eateries to satisfy customer expectations and also to serve as a competitive edge. Moreover, a modern customer often selects their eatery through experimental socialisation (Pecotic et al., 2014; Wardono et al., 2011). Spaces in restaurants, bars, cafes and pubs encompass more than the layout design. The phenomenon also covers lighting, sound and acoustics, ventilation and cooling, and colour designs (Malekshahi, 2013). The analysis below evaluates how the interiors of restaurants, cafes, pubs and bars impact the moods of the users.

Given the broad coverage of eateries' interior design, it is essential to assess its influence based on several components. First, lighting has a big influence on the mood of the patrons. In general, lighting is essential in giving space characteristics. Light is significant in the creation of light and dark surfaces, and the visual creation of colours, materials and texture. As such the creative use of light, especially the artificial variants, can increase the dramatic effect, desirability and ambience of the interior space. Light affects the mood of the user in several ways such as affecting how appetising the food looks. Mainly, bright lighting is more likely to evoke emotions that lead to positive moods while dull lighting may lead to emotions that relate to negative moods (Malekshahi, 2013). As such, lighting has a direct impact on the motive of dining such as romance or friendly conversation (Wardono et al., 2011).

Secondly, the colour impacts the moods of users. Different colours have varying implications on the psychological status of an individual. Colour can attract the attention of users and also influence their appetites. However, the major impact

of colour is that it has a huge impact on evoking various emotions. For example, most people perceive green as emotionally calming. As such, it evokes a sense of equilibrium, harmony, universal love and refreshment. Colours that are bright are more likely to evoke positive moods compared to dull colours. However, in an interior space, it is essential to note that colour works in unison with lighting to influence the mood of its users (Kurt & Osueke, 2014).

Thirdly, the acoustic and sound in a pub, restaurant or bar have an effect on the mood of the patrons. Sound and acoustics include factors such as volume and speed of music and the overall noise in a restaurant. The level of noise in a given atmosphere has a direct impact on the emotions of a person, hence affecting their mood. For example, slow music in a restaurant lifts the moods of customers – a factor that may influence their willingness to spend more (Pecotic et al., 2014).

Fourthly, the layout of a space has a direct influence on the mood of the users. The layout has a direct implication on people's sense of space. Individuals often perceive space in three broad categories namely personal, social and public. As such, layout issues pertaining to space may influence one's mood since it may affect the issue of privacy. Besides, it may influence the quality of service delivery by staff – a factor that has a direct impact on customer's moods (Waxman, 2006).

In conclusion, the deliberate and conscious use of the above aspects creates a style of the interior space. Mixing the elements creates eclecticism and a theme, hence leading to a positive association and positive emotions. As such, people will always visit a restaurant, bar or café whose style elicits their positive moods. However, in designing interior spaces, it is essential

to understand how factors such as culture and age may influence moods pertaining to different elements. For example, in the U.S. orange may evoke negative moods among people since it is used to illustrate issues such as traffic hazards. However, in Asia, people associate the colour with spiritual enlightenment and life reaffirmation hence leading to positive moods (Khanau, 2015; Kurt & Osueke, 2014). In other Asian countries, bright colourful mix-and-match is always favoured, but on the other hand hospitality companies have their own corporate colours and theme for internal and external décor. ✎

## References

- Bhatia, A. (2003). Effects of Interior Environment on the Dining Experience and Design of a Prototype Sea Restaurant. Gainesville, FL: Florida State University. Retrieved May 19, 2016, from <http://digital.lib.fsu.edu/islandora/object/fsu:175928/datastream/PDF/download/citation.pdf>
- Desai, A. (2011). The Function and Design of Cafes Throughout Time. Ithaca, NY: Cornell University. Retrieved May 19, 2016, from <https://courses.cit.cornell.edu/deal150/files/2011%20files/Project%202.pdf>
- Khanau, A. (2015). The Impact of Hotel Interiors on Customer's Loyalty Intentions. Stavanger: University of Stavanger. Retrieved May 19, 2016, from [https://brage.bibsys.no/xmlui/bitstream/id/364760/Khanau\\_Andrei.pdf](https://brage.bibsys.no/xmlui/bitstream/id/364760/Khanau_Andrei.pdf)
- Kurt, S. & Osueke, K. K. (2014). The Effects of Color on the Moods of College Students. SAGE Open, 1-12.
- Malekshahi, A. (2013). Investigation on Restaurant Layout Design. Gazimagusa: Eastern Mediterranean University.
- MacMillan Dictionary. [http://www.macmillandictionary.com/dictionary/british/after-hours\\_1](http://www.macmillandictionary.com/dictionary/british/after-hours_1), accessed May 2016.
- Merriam-Webster Dictionary. <http://www.merriam-webster.com/dictionary/after%E2%80%93hours/>, accessed May 2016.
- Pecotic, M., Bazdan, V. & Samardzija, J. (2014). Interior Design in Restaurants as a Factor Influencing Customer Satisfaction. RIThink, 4, 10-14.
- Wardono, P., Hibino, H. & Koyama, S. (2011). Effects of Restaurant Interior Elements on Social Dining Behaviour. Asian Journal of Environmental-Behaviour Studies, 2(5), 25-36.
- Waxman, L. (2006). The Coffee Shop: Social and Physical Factors Influencing Place Attachment. Journal of Interior Design, 31(3), 35-53.

BELOW: Casual indoor after hours spaces at Mid Valley Megamall, Kuala Lumpur





# MALAYSIAN-NESS!

As Malaysians, how much do we understand what makes Malaysian architecture, Malaysian?

**W**e are in Malaysia, but just how much are we acquainted with Malaysian architecture? At present, the exposure to what many may refer to as 'archiporn' – the bombardment of web-based images that point students' attention towards visually driven architectural outcomes – has directly influenced architectural learning.

The age of Internet provides unlimited access to visually powerful images of architecture via websites such as Archdaily, Contemporist, Dezeen and apps such as Pinterest, hence forming the backdrop to contemporary architecture which succumbs to the influences of global language – a language for 'all' rather than one that is specific to its context. The influence of the global image is further compounded by architecture education that teaches us Western history and the lack of publications on context-specific architecture, particularly in Malaysia. As such, architecture is being reduced to images, rather than the intellectual, contextual and narration of meaning that is an outcome of the explorative process of design.

So, what is contextual architecture? What is Malaysian architecture? Within the Malaysian architecture scene, one of the key moments of clarity on the definition of Malaysian

architecture is probably during the 1960s to 1980s where the architectural aim was to design architecture that reflects the nation, witnessed through buildings such as the National Stadium and Parliament House, among others.

Today, how can we define Malaysian architecture? And more so, how do we teach it? What are the lessons for students in learning Malaysian architecture? When I was studying architecture, I must admit that I was no different from other students in terms of drawing references and inspirations from the global environment. In recent years, after stumbling into a few unique architectural practices, my interest and commitment to understand and disseminate Malaysian architecture grew, manifested through my interest in writing. I have also started a Massive Online Open Course (MOOC) module called Experiencing Malaysian Architecture.

In my journey to understand Malaysian architecture, one way was to embrace its multiplicity and plurality of approaches: The contradictions and complexities of Malaysian architecture tensions between the global and local cultures which can be interpreted through themes of modernity such as restraints, metaphors and symbolisms such as the 'keris' and the 'songkok'; the aesthetics of local materials such as timber, bamboo, bricks

and vent blocks; the affinity of the vernacular such as the Malay *kampung* house; the green agenda through tropical ideas and the Green Building Index; community-based architecture through *pro bono* architecture; and lastly the architecture of consumption such as Legoland and the merging theme parks in Malaysia.

For students, there is a strong need to be engaged in Malaysian architectural discourse to understand the issues and challenges faced by the architectural profession, the diversified approaches towards Malaysian architecture, and more importantly to position themselves as responsible Malaysian citizens in shaping the built environment for the future.

Being an educator myself, I can't see enough references to the local context in the teaching of architecture in Malaysian architectural schools through fields of construction and technology, social and cultural theory, and more so in architectural design. As architecture schools in Malaysia begin to engage in more 'Malaysian-ness' through both curricular and non-curricular agendas, I would like to urge architecture students to:

1. Explore approaches driven by context rather than style, trends and form in your design works

and competitions – notwithstanding references and inspirations of global ideas but focusing on executing it in local ways.

2. Grab every opportunity for architectural visits to worthy local buildings and understand how and why they are conceived.
3. Attend lectures not only by international starchitects, but those by Malaysian architects.
4. Take part in extra-curricular projects that require hands-on approach in order to understand local materials and people.
5. Speak to architects and unravel how they shape their belief systems and how that is positioned within the Malaysian context. ✎

Dr Veronica Ng is an academic, researcher and writer. She is currently Associate Professor for Architecture at the School of Architecture, Building & Design at Taylor's University, Malaysia. She graduated with a Doctor of Philosophy (Curtin University, Australia) with her thesis entitled 'Re-thinking' Place. Her writing revolves around the concepts of place-making, the sense of place and place identity. She is also an avid writer and critique on Malaysian architecture, with editorial roles and contributions in architectural magazines such as Architecture Malaysia, Architecture Asia, d+a, Cube and Architecture Australia. Her MOOC can be accessed via <https://www.openlearning.com/courses/experiencingmalaysianarchitecture>



## Enjoy the comfort under ALCOM Roofing

Alcom aluminium roof. Built to last, not to rust.



NATURAL CORROSION RESISTANCE



ECO FRIENDLY



VALUE FOR MONEY



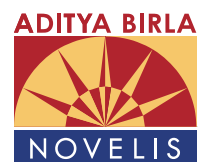
RECYCLEABLE



DURABLE & LIGHTWEIGHT

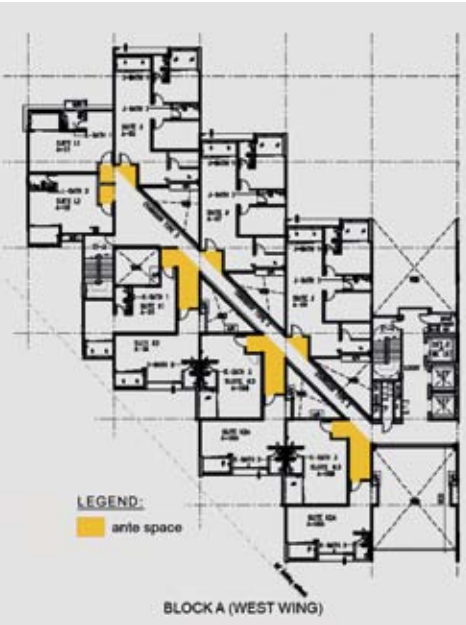


Aluminium Company of Malaysia Berhad (Co. No. 3859-U)  
No.3 Persiaran Waja, Bukit Raja Industrial Estate, 41050 Klang, Selangor Darul Ehsan, Malaysia  
T +603 3346 6262 F +603 3341 2793 W [www.alcom.com.my](http://www.alcom.com.my)



# A NEW PERSPECTIVE ON BÉTON ARMÉ

Reinventing facades, making spaces



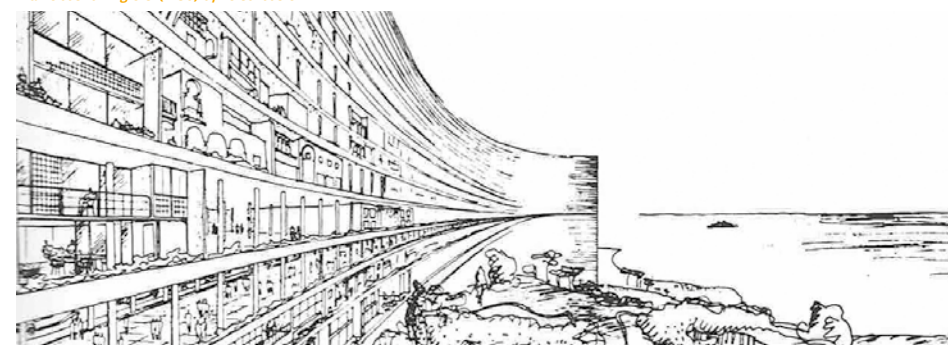
FROM LEFT: Typical floor plan of Univ 360 Place Block A East Wing by Atelier Alan Teh Architect; The triangular pocket spaces of Univ 360 Place

We have seen tremendous growth in high-rise developments across the country and around the world in the past decades. Throughout the years, there is only one significant objective to the high-rise typology – to multiply the floor plate to make full use of air space due to economics and limited urban space. The failing Modernism’s Super Block ideologies were heavily debated amongst academicians as well as practitioners.

If we were to travel back in time to revisit Le Corbusier’s *Maison Dom-ino* and his *Five Points For a New Architecture* and even the *Unite d’Habitation*, there was so much optimism and positivity in them. The original ideologies of the pilotis with elevated slab for greenery, linkage of external and internal space, ample light and

ventilation and the communal green space as propagated by Le Corbusier were so convincing and livable in his *Ville Contemporaine* composed of *Immeuble-Villa* units. However, as the economy of scale took priority, this large urban form began to consume everything within it. The form was retained but the ideology was discarded. Soon, adversity grew and the Western society

Plan Obus for Algiers (1930) by Le Corbusier



started questioning the relevance of the Modernist blocks. The Pruitt-Igoe urban housing project in St. Louis has become an icon of urban renewal failure.

As we were doing research on the theoretical background of our design approach, the *Plan Obus for Algiers* by Le Corbusier caught our attention. The image was exactly what we were trying to achieve – to bring the inhabitants back to greens, light and ventilation rather than confining them in concrete boxes.

In our latest completed work Univ 360 Place, there were a few experimentations made with the conventional column-beam-shear wall structural system at the early stage of design, which was intended to set a new paradigm in the architectural approach for reinforced concrete high-rise buildings.

The appearance of a building is very much dependent on the initial stage of design – block and grid planning. From a conventional square grid system, the arrangement of the units was sheared from a linear formation to a 45 degree formation. This has created triangular pocket spaces, substantially and intentionally, for social interactions as well as more external walls that enable the placement of window openings.

At the same time, it forms a dynamic building shape.

Zooming into micro planning, the typology of each unit was varied by changing the position of the balcony and introducing bay windows to the habitable rooms within the controlled working grid. This approach has enhanced the quality of the internal space and provided some variations to its external appearance.

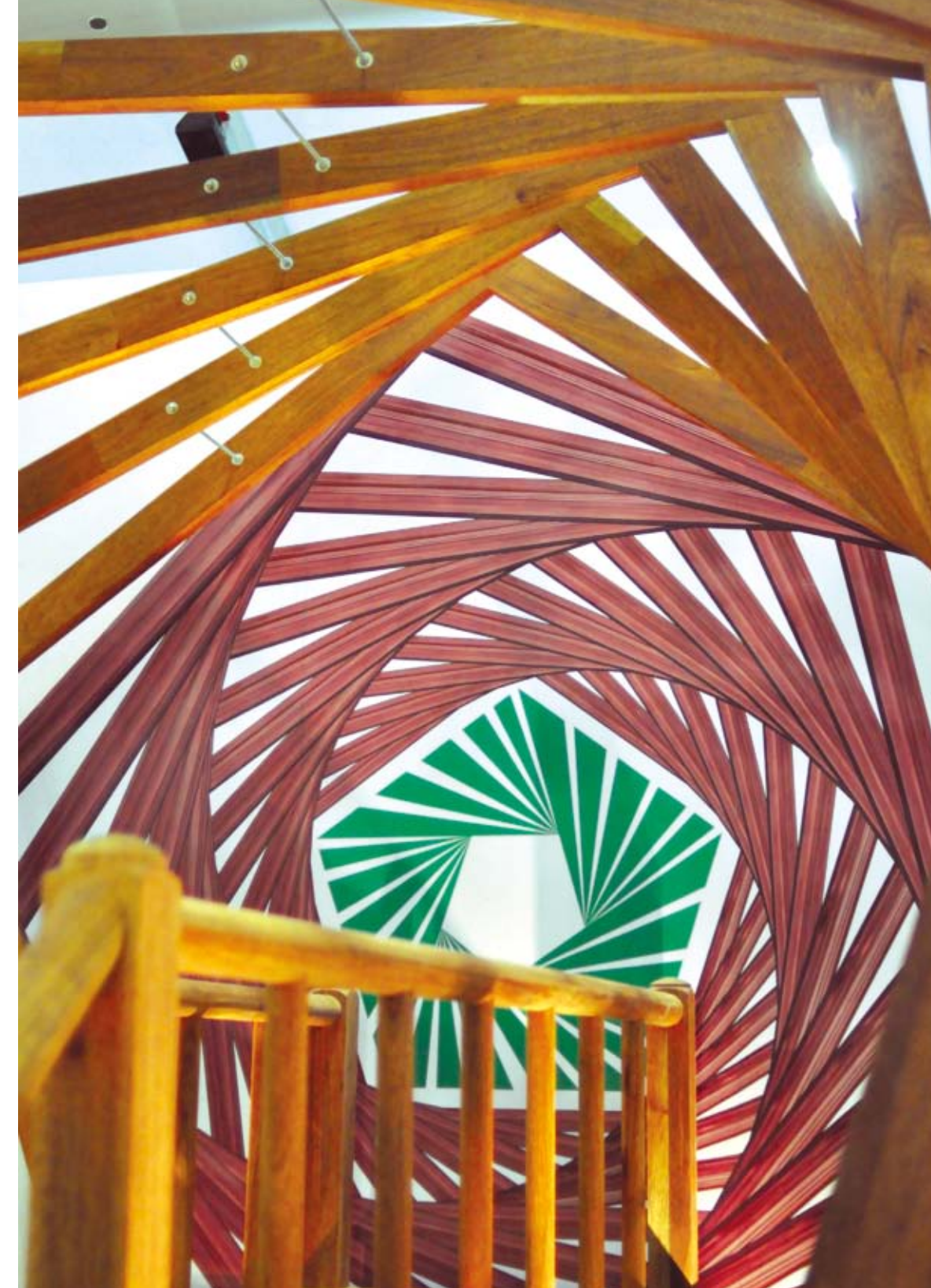
Another variation we explored was the removal of units horizontally within the shear wall block at mid-level to create communal spaces. This sky terrace was achieved by introducing mini transfer beams to convert the shear wall into a column and back to shear wall again at the units below. The resulting space is a large interconnected communal space with a better visual connection compared to the shear wall system that divides up the large space.

This project has enabled us to set up a more systematic design and technical framework to work with reinforced concrete structures to allow more possibilities of a better, greener and communal-friendly urban block, and we are optimistic that it will shed some positive light in the spirit of *architecture nouvelle*. ☺

# Malaysian Timbers: Catering To Your Architectural Needs

To find out more, come visit us at **HALL 9C, BOOTH NO. 071** Level 1, Grand Ballroom, Mandarin Oriental Hotel, Kuala Lumpur 20-23 July 2016

**ARCHIDEX® 16**  
THE 17TH INTERNATIONAL ARCHITECTURE, INTERIOR DESIGN & BUILDING EXHIBITION, MALAYSIA



MTC was established by the Ministry of Plantation Industries and Commodities (MPIC) to promote Malaysian timber-based products globally. To find out how MTC can serve your needs, please visit our website [www.mtc.com.my](http://www.mtc.com.my)



MALAYSIAN TIMBER COUNCIL

• KUALA LUMPUR • LONDON • DUBAI • GUANGZHOU

# ARCHIDEX '16

The highlight of South East Asia's community of architects, interior designers, developers, urban planners, engineers and building industry professionals, the ARCHIDEX 16 is back this July at Kuala Lumpur Convention Centre.



Various exhibition booths last year at ARCHIDEX 15

Held from 20 to 23 July 2016, the 17th installment of ARCHIDEX is set to return again at the Kuala Lumpur Convention Centre this year. ARCHIDEX is the region's leading annual architecture, interior design and building industry trade event, held concurrently with the Kuala Lumpur Architecture Festival (KLAF) 2016 by Pertubuhan Akitek Malaysia (PAM).

ARCHIDEX is jointly organised by PAM and C.I.S Network Sdn Bhd, a leading Malaysian trade and lifestyle exhibitions organiser. It currently occupies a highly coveted position at the forefront of the region's robust architecture, design and building industry, and is a popular gateway into the burgeoning South East Asian market and an ideal platform to launch innovative new collections.

The exhibition this year will gather over 35,000 visitors and delegates from 70 countries, a majority of which will consist of professionals from the building industry who will converge, connect and collaborate during the four-day exhibition and conferences.

"As ARCHIDEX celebrates its 17th installment this year, we look back to the milestones of success that began in 2000, which culminates in creating this very important platform of exhibition for the industry until today," said Dato' Vincent Lim, President of C.I.S Network Sdn Bhd.

"We see a continuous growth for the industry and expect a slight increase of transactions to over RM1 billion from last year. ARCHIDEX will continue to provide a platform for local and international exhibitors to feature and introduce the latest

products and technology or materials to the South East Asian market," he added.

ARCHIDEX 16 will anticipate the showcase of more than 1,200 exhibition booths from over 500 local and international companies. A total of 12 nations will showcase the very best of the industry in the exhibition, namely China, Belgium, Germany, Hong Kong, Japan, Malaysia, Singapore, Switzerland, Taiwan, Thailand, US and Vietnam.

"As Vision 2020 beckons on the horizon, it brings with it infinite possibilities and promises. Across a globally challenging economic landscape, architecture continues to surpass expectations. The demand for good design remains ever more," said PAM President Ar Mohd Zulhemlee An.

"It is our hope that the annual conference and forums with our programme of featured speakers will continue to inspire participants through anchor events such as PAM Datum Conference, Green Forum and Design Forum, which are part of the Kuala Lumpur Architecture Festival 2016. Held together are also PAM's Master Class and Public Lecture," he added.

## NEW HIGHLIGHTS OF ARCHIDEX 16

In light of Malaysia's recent participation in the Trans-Pacific Partnership Agreement (TPPA), the Focus Forum @ ARCHIDEX will be held on 20 July 2016 to discuss the challenges and opportunities that would rise along the way - all in the perspective of the construction and building industry.

Along with the Focus Forum, there will also be a Panel Session on TPPA on the outlook of the Malaysian construction industry in the next 20 years, panelled by PAM, Ministry of Human Resource (MOHR), Construction Industry Development Board Malaysia (CIDB) and Building

Materials Distributors Association of Malaysia (BMDAM), which aims to provide a thorough insight on the matter.

Held concurrently with ARCHIDEX 16, the Kuala Lumpur Architecture Festival (KLAF) 2016 organised by PAM will consist of a host of events, including the Datum Conference, Design Forum, Green Forum, Architecture Exhibition, Masterclass, Public Lecture, Graphic Design Exhibition, Architecture Tours and Round Table. For more information on KLAF 2016, visit [www.pam.org.my](http://www.pam.org.my).

## OTHER NOTEWORTHY HIGHLIGHTS IN ARCHIDEX 16

Furthermore, in line with continuing efforts to bring innovative and excellent products to the forefront, this year's ARCHIDEX will also see nominees by exhibitors competing for the New Product Awards and the Green Dot Awards that are highly coveted industry recognition. The New Product Awards is an acknowledgment for excellence in design and production, while the Green Dot Award is aimed at recognising exemplary environmental attributes of a product.

In addition, ARCHIDEX 16 will also feature ECO-B (Eco Building & Design Exhibition), which provides a highly effective platform to explore the growing interest in environmentally responsible buildings. It caters to an exponential rise of global interest in green building technologies, designs and solutions. ❧

*ARCHIDEX is endorsed by MATRADE and supported by the Malaysian Ministry of Works, Ministry of Tourism and Culture, and the Malaysian Convention and Exhibition Bureau (MyCEB). For more information and updates on the exhibition, log on to [www.archidex.com.my](http://www.archidex.com.my).*



The preferred IBS light-weight concrete panel



**UAC BHD UCO** (5149 H)  
 Level 10 MENARA UAC, 12 Jalan PJU 7/5, Mutiara Damansara,  
 47800 Petaling Jaya, Selangor Darul Ehsan, Malaysia  
 Tel : +603-77219393 Fax: +603-77219300  
 Email: [sales@uac.com.my](mailto:sales@uac.com.my)

[WWW.UAC.COM.MY](http://WWW.UAC.COM.MY)



SUBSCRIBE TO  
**ARCHITECTURE MALAYSIA**  
 AND BE KEPT UP TO DATE ON  
 THE COUNTRY'S BRIGHTEST  
 ARCHITECTURAL TALENTS



Perdana Canopy by GDP Architects Sdn Bhd

SUBS/REF/2/3

**YES! I WOULD LIKE A SUBSCRIPTION TO ARCHITECTURE MALAYSIA (AM)**

TERM	ISSUES	MALAYSIA	SINGAPORE	OTHER COUNTRIES
1 YEAR	6 ISSUES	<input type="checkbox"/> RM96	<input type="checkbox"/> \$64	<input type="checkbox"/> USD 94
2 YEARS	12 ISSUES	<input type="checkbox"/> RM175	<input type="checkbox"/> \$111	<input type="checkbox"/> USD 156

**Student subscription:** RM69 (1 year) - Valid for Malaysia-based students only

Student ID: \_\_\_\_\_

I am an existing subscriber of AM. Please renew my subscription

Subscriber's name : \_\_\_\_\_ Subscription no: \_\_\_\_\_

I am a new subscriber of AM (Please complete the form below)

**PERSONAL PARTICULARS**

\_\_\_\_\_  
FULL NAME COMPANY

\_\_\_\_\_  
OCCUPATION EDUCATIONAL INSTITUTION (FOR STUDENTS) COURSE

\_\_\_\_\_  
ADDRESS (LINE 1)

\_\_\_\_\_  
ADDRESS (LINE 2) POSTAL CODE COUNTRY

\_\_\_\_\_  
PHONE / MOBILE PHONE FAX EMAIL

**PAYMENT OPTIONS**

Cheque enclosed (payable to Memo Publishing Sdn Bhd)

CHEQUE NO. \_\_\_\_\_

Direct bank-in / e-Banking  
 Beneficiary Account Name: Memo Publishing Sdn Bhd  
 Beneficiary Bank Name: Malayan Banking Berhad  
 Beneficiary Account Number: 512352307018

**MAIL YOUR PAYMENT / PROOF OF PAYMENT AND SUBSCRIPTION TO:**

**Architecture Malaysia c/o Memo Publishing Sdn Bhd**  
 Block B 3a16 Kelana Square, 557/26 Kelana Jaya, 47301 Petaling Jaya, Selangor DE, Malaysia  
**Tel:** +603 7880 0730 **Fax:** +603 7880 2736 **Email:** subscriptions@memo.com.my  
 GST Reg. No. 000502284288 **Subscription rates are inclusive of 6% Goods & Services Tax**

# EMERGING VOICES

STUDENT  
 WORKS &  
 EVENTS,  
 EDUCATION,  
 RESEARCH

**FROM THE EDITOR**

According to Lofthouse (2013), architectural practices are rapidly changing, and the current architectural education provides insufficient skills and knowledge in the ever-evolving industry. There is a huge gap between what tutors teach in school and the expectations of future employers, and relations occurring in the real world and practice (Sidawi, 2013).

Architectural education can be described as a balance between technology and art-based techniques. The technological aspect of architectural education is through the use of technology in design, decoration, restoration and construction of buildings and other materials. Computer-aided programmes are also heavily used in measuring and designing appropriate shapes and appearances of building (International Union of Architects, 2011). As an art, architectural education incorporates different elements of art especially in designing maps, shapes, layouts and decorations. It also involves extensive draughting and sketching, even more so back in the days.

Presently, the Comprehensive Design Project (CDP) binds the architectural education in the final semester of the degree programme, or Part I as LAM recognises it. The studio brief is formulated in such a way to incorporate student's understanding of design, integration of social and building technologies, as well as technical skills in using the latest IT know-how. To ensure the CDP runs smoothly and to make the most of the final semester, students are informed beforehand of what to expect during the final semester. They are allowed to conduct basic research and some groundwork prior to the start of the semester. All the knowledge the students have gained in their degree programme are put to the 'final test' during the end-of-semester project review. The final reviews will be conducted with invited professional architects

as well as experienced lecturers from other universities to gauge the standard and provide benchmarking in relation to actual architectural practice. Although in theory the CDP can provide students with appropriate exposure, it is not without some disadvantages. For example, it might limit students from exploring more and appear too 'real', as in an actual architectural office. It is difficult to work out the appropriate mix between being practical and artistic, but it all depends on the objectives of the architectural school at the end of the day. Technically, the main intention of CDP is purely to galvanise professional competency and technical comprehension of architectural students in preparing themselves for the practice of architecture.

**ASRUL AMINUDDIN & NIK SULAIMAN**

**[ GUEST EV EDITOR | EDITOR-EV@PAM.ORG.MY ]**

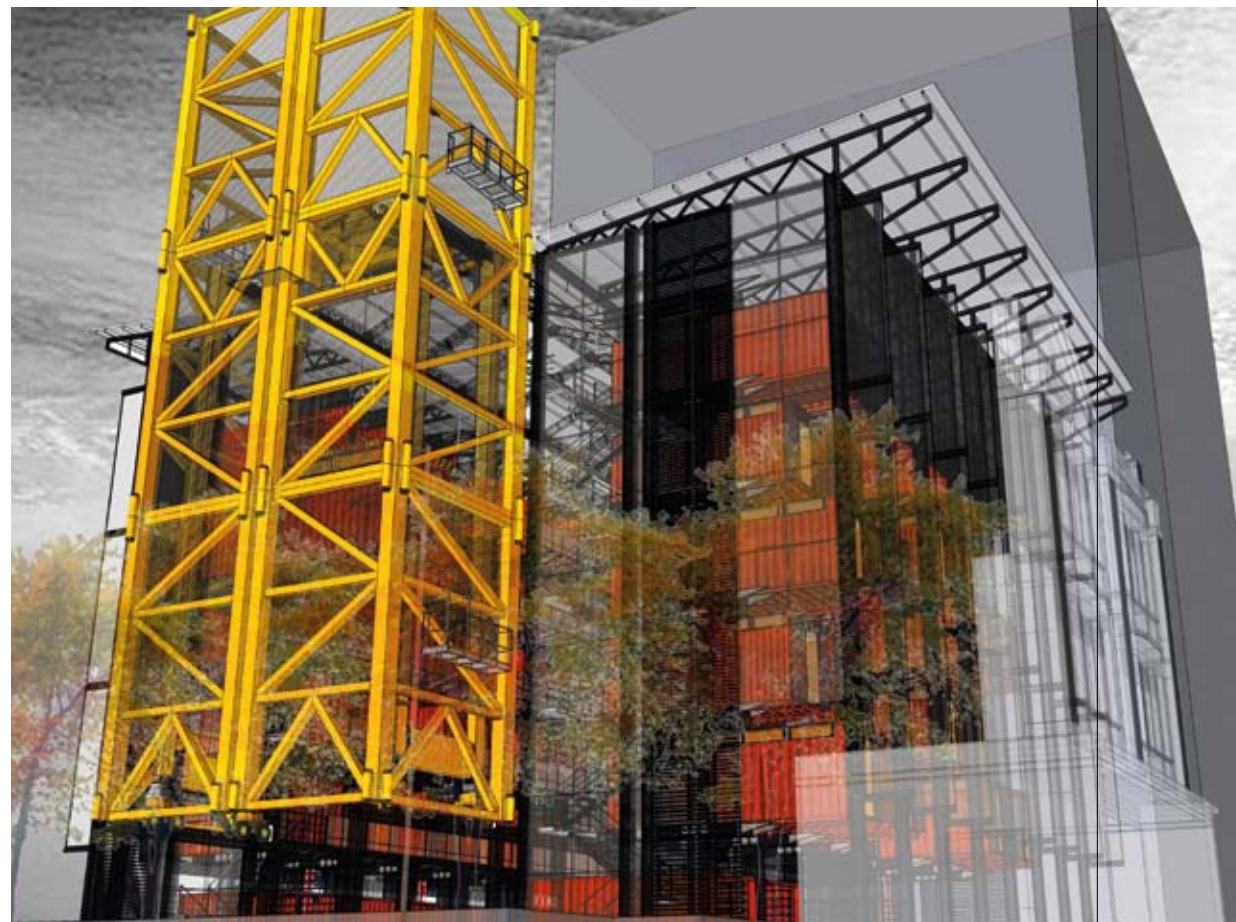
**References**

International Union of Architects (2011). UIA AND ARCHITECTURAL EDUCATION REFLECTIONS AND RECOMMENDATIONS. Retrieved from <http://www.mom.arq.ufmg.br/mom/babel/textos/uia-education-2011.pdf>.  
 Lofthouse, N. (2013). The Changing Nature of Architectural Education. Oxford Brookes University. Retrieved from [http://architecture.brookes.ac.uk/research/centped/dissertations\\_Natasha-Lofthouse-MA-DEP-Dissertation.pdf](http://architecture.brookes.ac.uk/research/centped/dissertations_Natasha-Lofthouse-MA-DEP-Dissertation.pdf).  
 Sidawi, B. (2013). Rethinking Architectural Education: A Focus On Creativity. University of Dammam, College of Architecture and Planning. Retrieved from <https://architecturaleducators.files.wordpress.com/2013/12/sidawi-2013-rethinking-architectural-education-a-focus-on-creativity.pdf>.

# KUALA LUMPUR TRAVELLERS' HOTEL

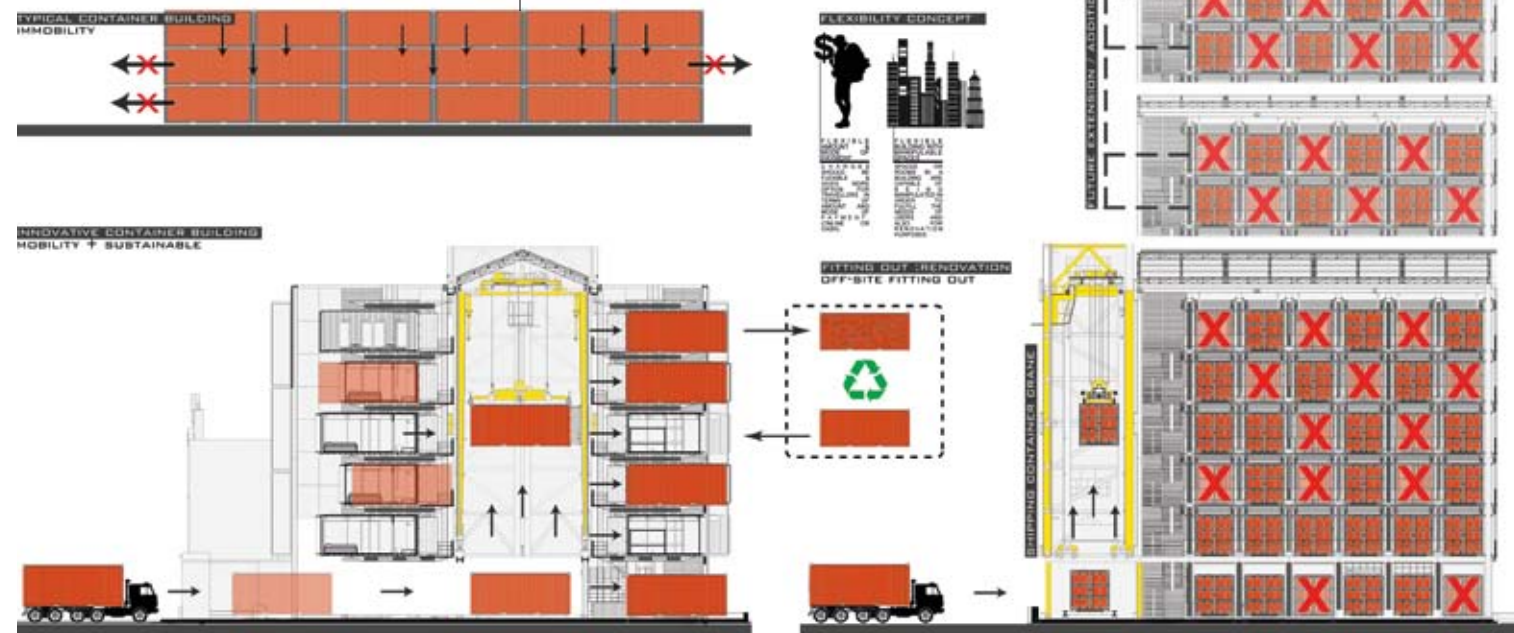
**[ STUDENT'S STATEMENT ]**

The idea that buildings can grow and adapt to change is not new. It was once popularised during the 60s by the Metabolist Group and the Archigram Group. The design is thus derived from that ideology - to have a building that can be altered, manipulated and adapted according to the growing changes or needs of users. The design of the hotel uses standardised shipping containers as the main spaces, mainly the bedrooms. The building is divided into two parts, consisting of permanent structures and plug-in plug-out components. The design is articulated in such a way that it can grow vertically and horizontally, akin to that of LEGO blocks. As the demand for space grows, so does the building. The atrium space in the middle serves as an internal courtyard, which gives a sense of openness and communal green space. ❧



Perspective view from Jalan Tun Perak

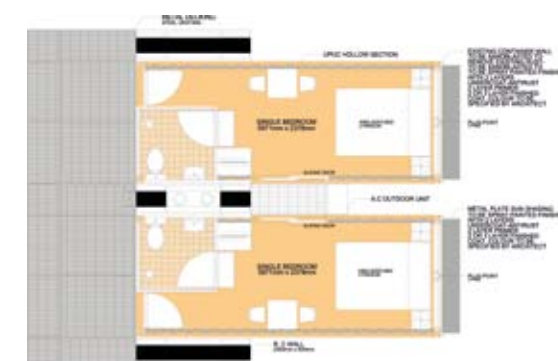
**Conceptual building diagram**



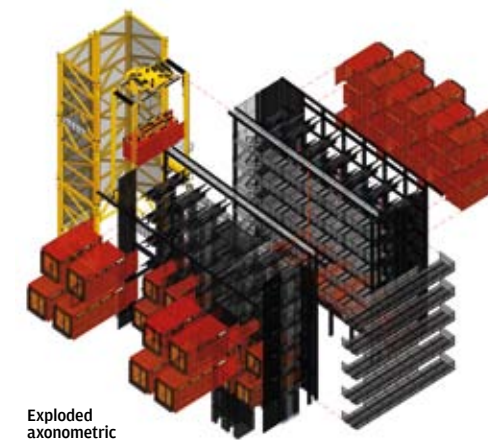
First and third floor plan



Second and fourth floor plan



Typical bedroom layout



Exploded axonometric



Elevation from Jalan Tuanku Abdul Rahman



Elevation from Jalan Raja Laut



FROM TOP: Internal perspective view; Room interior



Section

**STUDENT**  
Izhar Mustaqin  
Madisa

**COURSE**  
Bachelor of  
Architecture

**CLASS / YEAR**  
Sem 2 Year 3 /  
2014

**EDUCATIONAL INSTITUTION**  
University  
of Malaya

**SUPERVISING LECTURERS**

Kamaruzaman  
Mad Rejab, Asrul  
Aminuddin, Nur  
Mazidah Che  
Ghani, Zakaria  
Alcheikh Mohd  
Awad

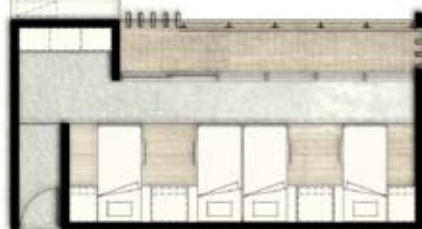
# CHOW KIT REST LODGE

STUDENT WORK

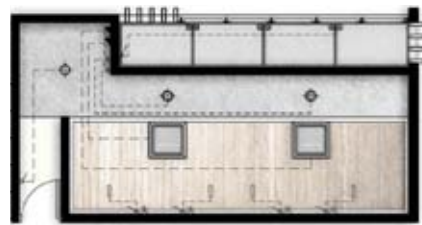


Dormitory for 6

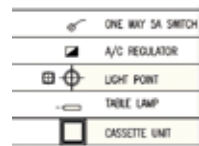
Private room for 2



Dormitory for 8



Reflected ceiling plan



STUDENT'S STATEMENT

Having a site not far away from the buzzing Chow Kit Road, the scheme attempts to blend in with the urban fabric and surrounding context. The main idea is to provide the travellers' hotel with the essence of street architecture, blending in characteristics such as the love of walking between buildings and having tea and coffee along the street's coffee shops. The designer also attempts to break the monotony of repetitive and 'boring' travellers' hotels. By having pocket spaces within the floor plan, it creates a courtyard and open space for users and guests to mingle. This approach also allows natural ventilation into the building.



Perspective



Site plan



Retaining wall, floor, wall and roof detail



FROM TOP: Entertainment and leisure; Shared dining; Centre courtyard; Courtyard; Waiting and eating area

**STUDENT**  
Hoong Yoong Le

**COURSE**  
Bachelor of Architecture

**CLASS / YEAR**  
Sem 2 Year 3 / 2014

**EDUCATIONAL INSTITUTION**  
University of Malaya

**SUPERVISING LECTURERS**  
Kamaruzaman Mad Rejab, Asrul Aminuddin, Nur Mazidah Che Ghani, Zakaria Alcheikh Mohd Awad

STUDENT WORK



Elevation from Lengkok Raja Laut 'A'

Elevation from Raja Laut 'B'

Elevation from back alley

Elevation from Federal Cinema

Section X-X

Section Y-Y

# A GREEN Guide For Eco-friendly Homeowners

## Core aspects to be considered for maintaining or owning a green home!

Since the beginning of the industrial revolution, the general public have begun to realise the importance of maintaining a 'green' lifestyle as we consume our natural resources in large volumes and begin to experience the bad ecological effects in our daily lives. Though Malaysians are protected from major natural disasters, environmental issues such as water rationing and the haze, flash floods during the monsoon season, and many other environment issues are no stranger to us. It is through these increasing environmental issue occurrences that leads us to question ourselves if we are really doing all we can to protect the welfare of the environment.

With this in mind, most of us have already begun to change our daily habits to tackle these issues such as purchasing 'green' home appliances, sorting out our trash to recycle used items and many others. However there is very little shared on how homeowners can ensure that the structure of the home itself can be eco-friendly.

### What is an eco-friendly home?

An eco-friendly home should be made out of environmentally friendly materials that benefits both the environment and people for long term. One of the main aspects to consider is how energy efficient is your home?

An energy efficient home is able to assist in reducing the amount of energy used such as electricity, ensuring that homeowners are able to utilise electricity in the most responsible way. As most homeowners spend the bulk of their finances on the electricity bill, an energy efficient home should be able to bring the interior temperature down, reducing the usage of air-conditioning units. This is only possible when the home is constructed in a way that allows good air circulation accompanied with roof and walls that are imbued with insulation properties that disperses heat effectively.

An example can be by using steel roofs as compared to concrete or clay tiles. Steel roofs are much more environmentally friendly as it is 100% recyclable<sup>1</sup> and its heat insulation capabilities are much more effective as compared to conventional roofing materials.

Steel is one of the lightest building materials. Comparing to other roofing material such as concrete and clay tiles, the same amount or weight of steel is also able to cover a wider roof area. The steel roof also can be stacked-up during transportation, thus enables contractors to transport more material in every truck load, thus reducing cost and pollution from vehicle transportation of building materials.

Steel roofs which is low in thermal mass are able to respond to temperature changes more quickly as compared to the conventional concrete or clay tiles. Modern steel roofs with features such as solar reflectance coating are able to disperse heat even more effectively. Combining the elements of a light coloured steel roof and imbued with solar reflective coating, this can substantially reduce the amount of energy used to cool the building. One premium steel roofing material that is able to deliver all these benefits is Clean COLORBOND® steel produced by NS BlueScope Malaysia, a brand trusted by all reputable building and construction professionals. Clean COLORBOND® steel roof not only is able to reduce the amount of solar radiation absorbed, but is also very effective in re-radiating heat with its THERMATECH® solar reflectance technology.

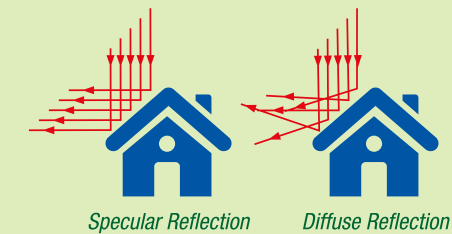
THERMATECH® solar reflectance technology is incorporated into all Clean COLORBOND® steel products. It can lower surface temperature up to 6°C by reducing heat absorbed from the sun, creating a cooler roof and building.

<sup>1</sup> www.recycle-steel.org

### Daylight reflectance and glare reduction

To maintain an eco-friendly home, homeowners should be sure that it does not emit light pollution such as daylight reflectance and glares. This is a growing issue as it can cause discomfort to neighbouring occupants.

Daylight reflectance is defined as the percentage of visible light reflected off the material surface. There are two main types of daylight reflectance; specular reflection occurs when light is reflected in a concentrated, mirror-like material; while a diffuse reflection is a scattered and unfocused reflection of light. In the case of reflectance from exterior cladding and high pitch roof, the type of reflectance is mainly caused by specular reflection.



Homeowners now have an option on planning to forever keep their roofs looking brand new without the glare issues, with the Clean COLORBOND® ULTRA MATT steel series. Equipped with an innovative gloss retention coat, its matt texture enables the roof to attain lower reflection properties and is able to drastically reduce specular gloss, eliminate the glaring reflective sunlight from the roof or wall surface of buildings, protecting your neighbours in the next building from the unwanted glare worries.

With that said, Lysaght's Roofing Solution made from Clean COLORBOND® steel is the perfect choice for an eco-friendly home. As each one of us can clearly see the negative effects of global warming, it is up to us to ensure that our homes are equipped with materials that contributes to the benefit of the environment and our community by maintaining an eco-friendly home.

For more information, please contact  
**NS BlueScope Lysaght Malaysia Sdn Bhd.**

**Customer Hotline:** 1700-88-8688  
**Email:** mysupport@bluescope.com or visit  
www.lysaght.com.my

**Web :**



**Follow Us :**



facebook

**Download Lysaght App at :**



Apple Store



Google play

Lysaght's Matt-ly aesthetic roof solution with Clean COLORBOND® ULTRA MATT



HAVE AN EVENT THAT MIGHT INTEREST THE ARCHITECTURAL COMMUNITY? SEND US THE INFORMATION AT [AM@MEMO.COM.MY](mailto:AM@MEMO.COM.MY)

THE PAM EVENTS LISTED HERE MAY BE SUBJECT TO CHANGE. IN ORDER TO AVOID ANY INCONVENIENCE, WE STRONGLY RECOMMEND THAT MEMBERS CALL PAM AT +603-2693 4182 (PERTUBUHAN AKITEK MALAYSIA, WISMA BANDAR LEVEL 11, NO 18 JALAN TUANKU ABDUL RAHMAN, 50100 KUALA LUMPUR) FOR CONFIRMATION OF SCHEDULED EVENTS, OR VISIT THE PAM WEBSITE AT [WWW.PAM.ORG.MY](http://WWW.PAM.ORG.MY).

**03 - 17 JUL 2016**  
**GLENN MURCUTT  
INTERNATIONAL  
ARCHITECTURE MASTER  
CLASS**  
Venue: Shoalhaven, NSW, Australia  
[www.ozetecture.org](http://www.ozetecture.org)

**PAM**  
**18 - 29 JUL 2016**  
**KUALA LUMPUR  
ARCHITECTURE FESTIVAL**  
Venue: Kuala Lumpur Convention  
Centre, Kuala Lumpur  
[www.pam.org.my](http://www.pam.org.my)

**20 - 23 JUL 2016**  
**ARCHIDEX 16**  
Venue: Kuala Lumpur Convention  
Centre, Kuala Lumpur  
[www.archidex.com.my](http://www.archidex.com.my)

**21 - 24 JUL 2016**  
**AUSTRALIAN  
INTERNATIONAL FURNITURE  
FAIR**  
Venue: Melbourne Exhibition &  
Convention Centre, Australia  
[www.aiff.net.au](http://www.aiff.net.au)

**PAM**  
**22 - 23 JUL 2016**  
**DATUM: KL**  
Venue: Kuala Lumpur Convention  
Centre, Kuala Lumpur  
[www.pam.org.my](http://www.pam.org.my)

**09 - 11 AUG 2016**  
**25TH EAROPH WORLD  
CONGRESS: OUR URBAN  
FUTURES - SUSTAINABLE  
AND RESILIENT**  
Venue: Le Méridien Hotel, Kota  
Kinabalu, Sabah  
[www.ifhp.org](http://www.ifhp.org)

**PAM**  
**24 AUG 2016**  
**WORKSHOP: FRAMING  
ARCHITECTURE**  
Venue: MAP@Publika Black Box,  
Kuala Lumpur  
[www.pam.org.my](http://www.pam.org.my)

**PAM**  
**24 AUG 2016**  
**DESIGN LECTURE SERIES: A  
TRUE STORY**  
Venue: MAP@Publika Black Box,  
Kuala Lumpur  
[www.pam.org.my](http://www.pam.org.my)

**13 MAR - 04 JUL 2016**  
**A JAPANESE  
CONSTELLATION: TOYO ITO,  
SANAA, AND BEYOND**  
Venue: Museum of Modern Art, New  
York, USA  
[www.moma.org](http://www.moma.org)

**23 MAR - 04 SEP 2016**  
**GARDEN CITY MEGA CITY**  
Venue: The Skyscraper Museum, New  
York, US  
[www.skyscraper.org](http://www.skyscraper.org)

**28 MAY - 27 NOV 2016**  
**VENICE ARCHITECTURE  
BIENNALE**  
Venue: Venice, Italy  
[www.labiennale.org/en](http://www.labiennale.org/en)

**02 JUN 2016 - 02 DEC 2017**  
**ARCHITECT @ WORK:  
EXHIBITION FOR  
ARCHITECTURE & INTERIOR  
DESIGN**  
Venue: France  
[www.architectatwork.fr](http://www.architectatwork.fr)

**05 - 12 JUN 2016**  
**ARDE EXHIBITION &  
CONFERENCE**  
Venue: Somerset House, London, UK  
[www.ardelondon.com](http://www.ardelondon.com)

**13 - 15 JUN 2016**  
**NEOCON 2016**  
Venue: The Merchandise Mart,  
Chicago  
[www.neocon.com](http://www.neocon.com)

**18 - 22 JUNE 2016**  
**INTERNATIONAL  
SYMPOSIUM ON COMPUTER  
ARCHITECTURE (ISCA) 2016**  
Venue: Seoul, Korea  
[www.isca2016.eecs.umich.edu](http://www.isca2016.eecs.umich.edu)

**01 - 03 SEP 2016**  
**THAILAND LIGHTING FAIR  
2016**  
Venue: Bangkok International Trade  
& Exhibition Centre, Thailand  
[www.thailandlightingfair.com](http://www.thailandlightingfair.com)

**03 - 10 SEP 2016**  
**2017 UIA WORLD  
ARCHITECTS CONGRESS**  
Venue: Seoul, Korea  
[www.uia2017seoul.org](http://www.uia2017seoul.org)

**07 - 27 SEP 2016**  
**LONDON DESIGN BIENNALE**  
Venue: Somerset House, London, UK  
[www.londondesignbiennale.com](http://www.londondesignbiennale.com)

**08 SEP - 27 NOV 2016**  
**OSLO ARCHITECTURE  
TRIENNALE 2016: AFTER  
BELONGING**  
Venue: Oslo, Norway  
[www.oslotriennale.no/en](http://www.oslotriennale.no/en)

**15 - 19 SEP 2016**  
**FOR ARCH**  
Venue: Prague, Czech Republic  
[www.forarch.cz/en](http://www.forarch.cz/en)

**24 - 26 SEP 2016**  
**ASIA PACIFIC SPACE  
DESIGNERS ALLIANCE  
(APSDA) CONFERENCE**  
Venue: Adelaide Convention Centre,  
Australia  
[www.apsdaaustralia.com.au](http://www.apsdaaustralia.com.au)

**28 - 30 SEP 2016**  
**ARCHXPO**  
Venue: Marina Bay Sands, Singapore  
[www.archxpo.com.sg](http://www.archxpo.com.sg)

**29 SEP - 1 OCT 2016**  
**INTERNATIONAL  
BIENNIAL OF LANDSCAPE  
ARCHITECTURE**  
Venue: Barcelona, Spain  
[www.coac.net/landscape](http://www.coac.net/landscape)

**21 OCT 2016 - 22 JAN 2017**  
**THE ECONOMIC TIMES  
ACETECH**  
Venue: India  
[www.etacetech.com](http://www.etacetech.com)

**28 OCT 2016 - 26 FEB 2017**  
**SINGAPORE BIENNALE**  
Venue: Singapore Art Museum,  
Singapore  
[www.nac.gov.sg/events](http://www.nac.gov.sg/events)

**03 - 05 NOV 2016**  
**ONEBUILD / ASEANMACH**  
Venue: Kuala Lumpur Convention  
Centre, Kuala Lumpur  
[www.oneinternational.com.my](http://www.oneinternational.com.my)

**13 - 15 NOV 2016**  
**2016 SHANGHAI  
INTERNATIONAL  
ARCHITECTURAL  
ENGINEERING DESIGN  
AND URBAN PLANNING  
EXHIBITION**  
Venue: Shanghai New International  
Expo Centre, China  
[www.upadchina.com](http://www.upadchina.com)

**23 - 25 DEC 2016**  
**ABI EXPO**  
Venue: Chennai Trade Centre, India  
[www.prompttradefairs.com](http://www.prompttradefairs.com)

**16 - 21 JAN 2017**  
**BAU 2017**  
Venue: Munich, Germany  
[www.bau-muenchen.com/en/Home](http://www.bau-muenchen.com/en/Home)

**LAFARGE  
PROSOLUTIONS**



# WHEN WALLS ARE A WORK OF ART.

Lafarge ProSolutions gives you a simple 3-step solution for walls that are perfectly smooth. So smooth, in fact, that many would call it art.



[www.lafarge.com.my](http://www.lafarge.com.my)

**LAFARGE**

A member of  
**LafargeHolcim**

THE LATEST

# MATTNESS

IN TOWN



*clean*

**Colorbond®**  
ULTRA MATT

**IMPRESS WITH A TOUCH OF ULTRA MATT**  
Step up to a new era of sophistication in steel roofing, where modern practicality meets long term durability. Introducing ULTRA MATT from Clean Colorbond. Inspired for a lasting impression.



[bluescope.com.my](http://bluescope.com.my)

