THE CHINESE UNIVERSITY OF HONG KONG
Campus Master Plan 校園發展計劃
Press Conference 記者發佈會
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By: Aedas + EDWARD CULLINAN ARCHITECTS

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Introduction

簡介

Project Team 項目團隊

Aedas Ltd. - Lead Consultant
凱達環球有限公司－項目總建築師

Edward Cullinan Architects - Design Consultant
葛艾活建築師事務所－設計顧問
Aedas Global Force

- the 4th largest architectural practice in the world (ranked by BD 2007 and 2008 World Architecture 100) with over 2,100 staff working from 31 offices
- the largest in HK with over 660 staff

Aedas Experience

- THE UNIVERSITY OF HONG KONG
  - On-campus College Building Technical Feasibility Studies & Campus Master Plan
- City University of Hong Kong
- Dillard University, International Center for Economic Freedom, New Orleans, Louisiana
- Evangel College - A Through-train Primary cum Secondary School
- Harrow School
- University of Birmingham
- The Yale
- Columbia University
  - Health Science Campus
- Harvard Medical School
- Northwestern University Chicago
  - Feinberg Medical College
- Beirut American University
  - Feinberg Medical College
- Architectural University of Hong Kong

THE CHINESE UNIVERSITY OF HONG KONG
Campus Master Plan
ECA Experience 葛艾活之經驗

LIST OF AWARDS RECEIVED BY ECA (in the past ten years)

2008 Edward Cullinan – RIBA Royal Gold Medalist

2007 Brick Awards: Highly Commended – New Music Centre, Purcell School

The Mail on Sunday British Homes: Commendation (Apartment of the Year)

2006 Landscape Industry Association of Singapore, Gold Award – Singapore Management University

2005 Prince Philip Designers Prize: Special Commendation – Edward Cullinan, for outstanding achievement in design for business and society

2004 European Wooden Facades Award – Downland Gridshell

2003 Gold Award Winner, The Wood Awards – Downland Gridshell

British Construction Industry Major Projects Award – Centre for Mathematical Sciences, University of Cambridge

RIBA Award – Centre for Mathematical Sciences, University of Cambridge

Royal Fine Art commission University Building of the Year Award – Centre for Mathematical Sciences, University of Cambridge

Wood Awards 2003 – Gold Medal – Downland Gridshell

Wood Awards 2003 – Structural Award – Downland Gridshell

Civic Trust Award – Downland Gridshell

American Institute of Architects Excellence in Design Award – Downland Gridshell

2002 Stirling Prize Shortlist – Downland Gridshell

British Construction Industry Award – Downland Gridshell

RIBA Award – Winch & Downland Gridshell

2001 RIBA Award - Faculty of Divinity, University of Cambridge

Nominated by RIBA for Sustainability Award – Faculty of Divinity

Best Use of Insulated Render & Cladding Award - University of East London

RICS Awards Shortlisted - University of East London

2000 Civic Trust Award - Commendation - University of East London

1998 Design Council Millennium Products:—

Archaeolink Visitors Centre, Oyne, Aberdeenshire

Westminster Lodge experimental greenwood house, Dorset

Scottish Design Awards Commendation Best New Building Category

Archaeolink Visitors Centre, Oyne, Aberdeenshire

Royal Fine Art Commission Building of the Year Award Finalist

Archaeolink Visitors Centre, Oyne, Aberdeenshire

THE CHINESE UNIVERSITY OF HONG KONG

Campus Master Plan
Feedback from members of the University Community

Summary of Observation

- Sustainability
- College System
- Enhancement of Connectivity
- Balance of Future Development
- Development Potential of Central Mall
- Preservation of Historical Landmarks and Buildings
- Harmonization with existing building and natural environment
- Engagement with Stakeholders
Vision for 2021
二零二一年的展望

Key Design Considerations 校園規劃要素

1. Sustainability 可持續發展

- Consideration on the implication of building forms, orientation, material and landscape to the micro-climate
  考慮建築形態、座向、物料和園景對微氣候造成的影響

- Ideas of green architecture, such as shaded courts and breezeways, maximizing natural light penetration, green roof, and double skin façade
  融入不同形式的綠色建築於校園發展，如遮陽院落、通風廊、自然採光、綠化屋頂、雙層玻璃外牆等

- Guidelines for building and grounds standard design including building parameters, suggested materials, and sustainable design measures
  釐訂建築設計指引及建議發展參數、建築物料及可持續發展的設計元素

- Adopt the latest thinking on Energy efficiency, carbon audit, and sustainable development
  採納有關節約能源，監控二氧化碳排放及可持續發展的最新思維
Vision for 2021 二零二一年的展望

Key Design Considerations 校園規劃要素

2. Landscape Design 園景設計

- Preserve, improve and strengthen the advantage of the campus environment
  保留及作進一步提升中大校園的自然景色

- The existing landscaping and tree cover will be studied carefully and policy that has already been devised will be fine-tuned.
  仔細研究現有的綠化環境、樹木覆蓋範圍及綠色政策

- Lively open space and pleasing landscape design will be proposed to suit the history and environment of the campus for vividly bringing out its character and identity.
  新規劃將擬闢建更多休憩空間及優美環境，以切合中大的歷史背景和環境脈絡，活現校園的特色和自我風格。

3. Conservation of heritage buildings 校園古蹟保育

- As CUHK campus has been undergoing development for last 45 years, buildings and colleges are imbued with historical value and are subject to collective memories onto the surroundings.
  中大成立至今四十五年，其建築的歷史價值隨著歲月流逝而遞增，為周遭留下不少集體回憶。

- In the new CUHK Master Plan, built or natural heritage will be identified and categorized for specific strategies of conservation with an acceptable methodology.
  新總體規劃將針對校園建築或自然遺產，制定具體的保育策略。
Vision for 2021 二零二一年的展望

Key Design Considerations 校園規劃要素

4. Enhancement of University Life 大學生活添姿采

• Sites for new colleges for undergraduates and new postgraduate hostels will be studied

• Connections between colleges will need to be provided to enhance inter-college communications.

• Public activity spaces will need to be coherently planned among the developments of new colleges/postgraduate hostels.

5. Pedestrian Friendly Campus 「行人取向」校園

• The idea of pedestrian friendly campus will be explored through the integration of different connection devices into the new Campus Master Plan.

• Enhance the access convenience and walking experience.

• Besides trying to achieve a reduction in vehicles, new shuttle bus routings will be reviewed to enhance connectivity.
Vision for 2021 二零二一年的展望

Key Design Considerations 校園規劃要素

6. New Venues for Learning 教學新設施

• The Mall 「百萬大道」

• Pak Shek Kok (Area 39) with research-focused facilities. 白石角(39區)的科研社區

• Teaching complex located on the other side of the University Station 大學站旁的綜合教學大樓

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