

# BUILT PEDAGOGY

DEG CONCEPTUALIZES THE PROJECT AS A PREMIUM EDUCATIONAL INSTITUTION ABLE TO ADDRESS THE CONTINUALLY CHANGING SOCIAL AND TECHNOLOGICAL ENVIRONMENT. WE ENVISAGE THE DESIGN PROPOSAL TO PROVIDE AN INNOVATIVE LEARNING ENVIRONMENT WITH A WIDE VARIETY OF LEARNING SPACES THAT RANGE FROM FORMAL TO INFORMAL, THAT HAVE THE FLEXIBILITY FOR FUTURE CHANGE WHILE AT THE SAME TIME ABLE TO ESTABLISH A UNIQUE IDENTITY FOR THE BRAND OF LEARNING EPITOMIZED BY THE DESIGN SCHOOL. THE ARCHITECTURE OF THE BUILDING WILL PROMOTE AN APPROPRIATE AESTHETIC FOR THE DESIGN SCHOOL USING STATE-OF-THE-ART BUILDING AND ENVIRONMENTAL TECHNOLOGIES THAT EMBODY LOW-ENERGY AND ARE ENERGY SAVING. AT THE SAME TIME, THE DESIGN WILL EMPHASIZE "USE-GENERATED-CONTENT" – THE CURRENT MANTRA OF THE WORLD OF INFORMATION AND KNOWLEDGE DISSEMINATION – SHOWCASING THE WORKS OF STUDENTS AND STAFF OF THE SCHOOL. THIS CHANGING SHOWCASE WILL FORM AN IMPORTANT VISUAL IDENTITY FOR THE SCHOOL, PERHAPS EVEN TAKING THE FORM OF MEDIA DISPLAYS THAT ACTIVATE THE SPATIAL ENVIRONMENT WHILE PROMOTING SOCIAL ENGAGEMENT AND A SENSE OF AUTHORSHIP OF THE BUILT ENVIRONMENT.



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OUR PROJECTS INCLUDE THE SINGAPORE MANAGEMENT UNIVERSITY (ADMINISTRATION BUILDING) – COMPLETION 2007, WHICH WAS AWARDED FIRST PRIZE FOR THE SMU CAMPUS INTERNATIONAL DESIGN COMPETITION, IN A JOINT DESIGN VENTURE WITH COX GROUP AUSTRALIA. THE PROJECT DEMONSTRATED HOW THE ACADEMIC BUILDING INTEGRATES WITH THE CITY AND ITS PUBLIC SPACES, WHILE AT THE SAME TIME PROMOTES AN ICONIC IDENTITY FOR SINGAPORE'S FIRST UNIVERSITY IN THE CITY. THE BUILDING EMBODIES THE INTERFACE BETWEEN THE EDUCATIONAL INSTITUTION AND PUBLIC LIFE, AND IS INCREASINGLY REGARDED AS AN INTEGRAL PART OF URBAN IDENTITY AND CITY LIFE.

1. SMU ADMINISTRATION TOWER

2. INSTITUTE OF TECHNICAL EDUCATION

3. HWA CHONG JUNIOR COLLEGE

4 & 5. GREENIDGE PRIMARY SCHOOL

6 & 7. ASSUMPTION PATHWAY SCHOOL

8, 9 & 10 SINGAPORE MANAGEMENT UNIVERSITY HQ

11 & 12. NUS BIZ SCHOOL



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DEG HAS SUBSTANTIAL BUILT WORK ENCOMPASSING ACADEMIC INSTITUTIONS AND EDUCATIONAL ENVIRONMENTS, AND SEES THIS AS AN OPPORTUNITY TO PUSH INNOVATIVE DESIGN SOLUTIONS FOR THE LEARNING ENVIRONMENT EVEN FURTHER.



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# THE ACADEMIC ENVIRONMENT

THE ACADEMIC ENVIRONMENT OF THE NEW DESIGN SCHOOL WOULD BE AN INSPIRING SPACE CONDUCIVE TO THE VARIOUS NATURE OF RESEARCH WORK, RANGING FROM QUIET INDIVIDUAL RESEARCH WORK TO COLLABORATIVE PROJECTS. A HIGH QUALITY ENVIRONMENT ALLOWING FOR AMPLE NATURAL LIGHT AND WHERE POSSIBLE, INTEGRATION WITH THE NATURAL ENVIRONMENT IS ENVISAGED, TO ATTRACT AND RETAIN THE BEST RESEARCH STAFF AND STUDENTS.



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SUCH AS THE NEW NUS BUSINESS SCHOOL (THE MOCHTAR RIADY BUILDING – COMPLETION 2009), A JOINT-VENTURE WITH COX DESIGN PARTNERSHIP OF AUSTRALIA. THE DESIGN WAS INSPIRED BY THE ANCIENT AESOP FABLE WHERE REEDS SURVIVE STORM WINDS AND OAK TREES FALL, THE REED-LIKE DESIGN OF THE BUILDING SERVES AS A METAPHOR FOR EXCEPTIONAL QUALITY, DEEP FLEXIBILITY AND PERENNIAL STABILITY IN THE FACE OF THE VICISSITUDES BORNE BY BUSINESS IN THE CONTEMPORARY WORLD. IN THIS PROJECT, TRIANGULATED COLUMNS RISING FROM THE GROUND, JUXTAPOSED WITH A GLASS FACADE, THE VARIEGATED EXTERIOR TAKES ON DIFFERENT HUES IN THE VARIOUS SHADES OF SUNLIGHT, WITH THE TRANSPARENCY SYMBOLISING THE SCHOOL'S OPEN RELATIONSHIP WITH THE REAL BUSINESS WORLD AND THE UNIVERSE OF IDEAS.



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8 THE SINGAPORE POLYTECHNIC MASTERPLAN 2008



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ARTIST'S IMPRESSION OF THE NEW LIBRARY BUILDING TO BE DEVELOPED UNDER THE SINGAPORE POLYTECHNIC MASTERPLAN 2008

DEG, AS A DESIGN PRACTICE, WOULD HAVE THE RESOURCES TO DRAW FROM THE DESIGN EXPERIENCE FROM CURRENTLY ONGOING PROJECTS

1. INTERIOR LIGHT WELL OF THE INSTITUTE OF TECHNICAL EDUCATION (ITE) CAMPUS, CREATING DYNAMIC SHADOW AND LIGHT TO THE INTERIOR CIRCULATION SPINE
2. INTRODUCTION OF SKYLIGHT WITHIN ATRIUM OF HWA CHONG JUNIOR COLLEGE (HCJC) TO EMIT NATURAL LIGHTING TO THE BUILDING INTERIOR.
3. JUXTAPOSITION OF CIRCULATION AND SOCIALISING SPACE WITHIN THE ITE CAMPUS
4. HCJC'S LIBRARY WITHIN A CENTRE LIGHT WELL WHICH EMIT NATURAL LIGHT TO THE LIBRARY AND THE FLOOR BELOW
5. OPEN TO THE SKY COURTYARD GARDEN WITHIN THE ASSUMPTION PATHWAY SCHOOL
6. NATURALLY LIT ATRIUM FOYER OF THE NUS BIZ SCHOOL
7. NATURALLY LIT AND VENTILATED 6-STORY HIGH ATRIUM OF THE NUS BIZ SCHOOL
8. NEW SINGAPORE POLYTECHNIC MASTERPLAN 2008
9. PROPOSED CENTRAL LIBRARY FOR THE SINGAPORE POLYTECHNIC TO BE IMPLEMENTED UNDER THE 2008 MASTERPLAN
10. ARTISTE IMPRESSION OF THE SWIMMING POOL FOR THE SINGAPORE MANAGEMENT UNIVERSITY (SMU)
11. ARTISTE IMPRESSION OF THE SPORT HALL FOR THE SINGAPORE MANAGEMENT UNIVERSITY (SMU)
12. LIGHT FILLED ENTRANCE FOYER FOR THE SINGAPORE MANAGEMENT UNIVERSITY
13. SECTION THRU THE SMU BUILDING SHOWING THE SPATIAL RELATIONSHIP WITHIN



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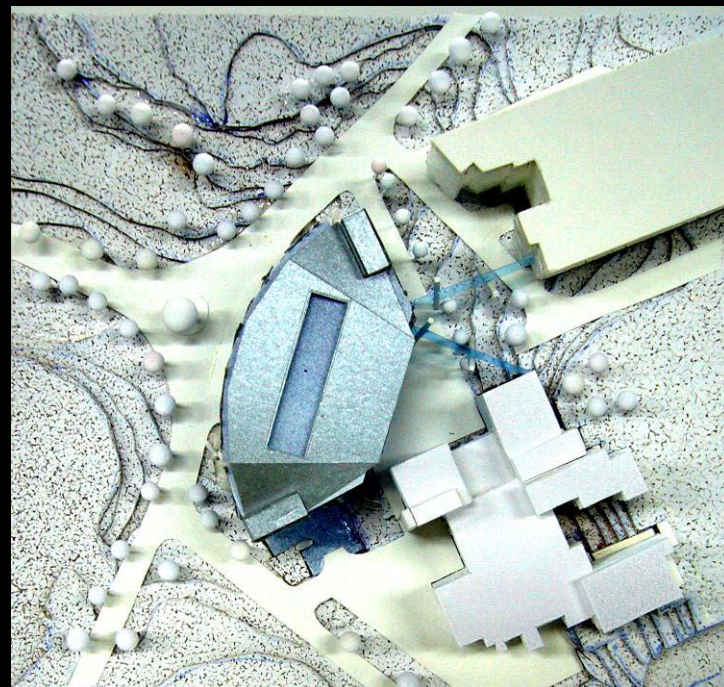
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# THE DESIGN STUDIO

THE DESIGN STUDIO WOULD IN ESSENCE BE THE HEART OF THE BUILDING COMPLEX. DEG WOULD LIKE TO BASE THE DESIGN OF THE STUDIO SPACES ON RESEARCH FINDINGS BASED ON TUTOR-STUDENT AND STUDENT-STUDENT INTERACTION IN THE STUDIO SPACE, SO THAT A VARIETY OF OPTIMISED LEARNING ENVIRONMENTS CAN BE GENERATED. THROUGH THE CREATION OF FORMAL AND INFORMAL LEARNING ENVIRONMENTS AND EXERCISING FLEXIBILITY IN THE PROVISION OF OPEN-PLANNED AND COMPARTMENTALIZED SPACE FOR ADEQUATE ACOUSTICAL SEPARATION WHERE NEEDED, THE FOCUS WOULD BE ON THE LEARNING EXPERIENCES FOR CREATIVE ENVIRONMENTS. THE DESIGN STUDIO WOULD ALSO PLAY A ROLE IN PROVIDING THE PROFESSIONAL ENVIRONMENT FOR THE EDUCATION OF FUTURE DESIGNERS.



1. 60-SEATER TIERED CLASSROOM FOR THE NUS BIZ SCHOOL
2. ARTIST'S IMPRESSION OF THE 300 SEATER LECTURE THEATRE FOR THE SINGAPORE MANAGEMENT UNIVERSITY
3. 60-SEATER TIERED CLASSROOM FOR THE SINGAPORE MANAGEMENT UNIVERSITY
4. 900-SEATER AUDITORIUM FOR THE HWA CHONG JUNIOR COLLEGE
5. MODEL OF THE NUS BIZ SCHOOL SHOWING ITS CONTEXTUAL RELATIONSHIP

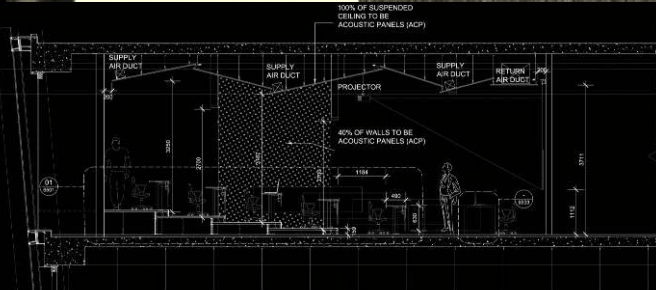


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LEVEL 3 NIS BIZ SCHOOL SHOWING LAYOUT OF THE 60-SEATER TIERED TEACHING ROOMS

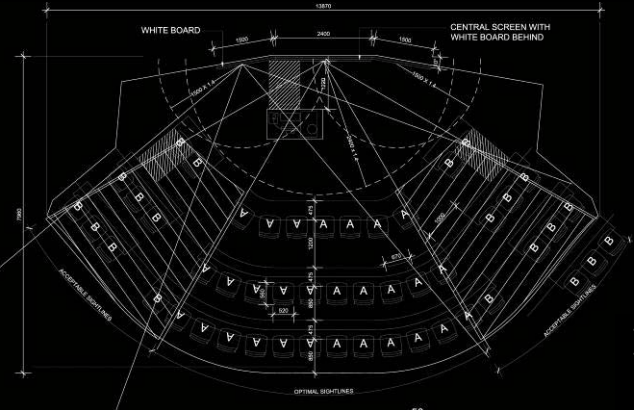
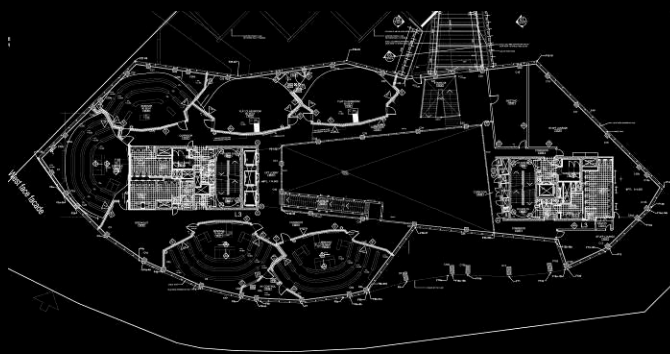


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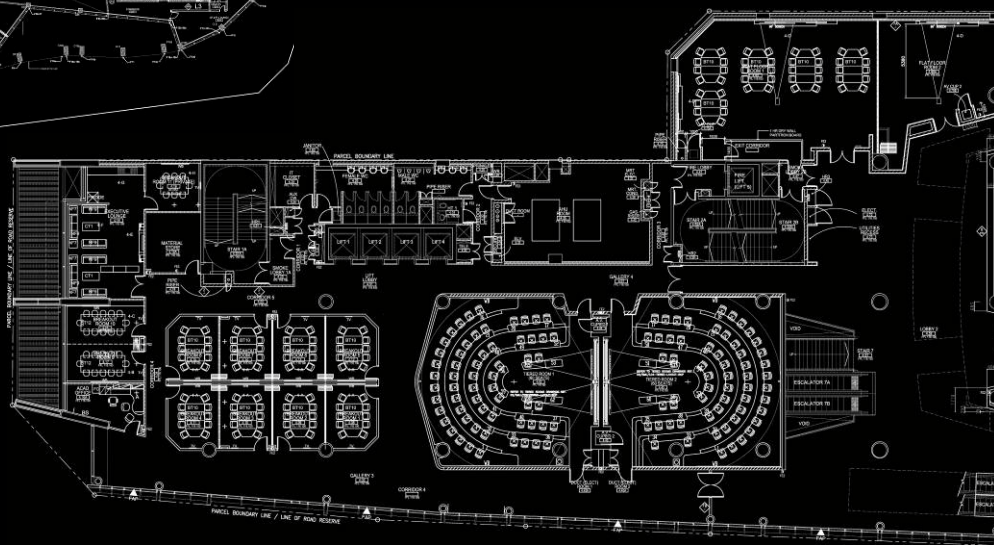


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TYPICAL SECTION THRU' THE TIERED TEACHING ROOM OF NUS BIZ SCHOOL



TYPICAL LAYOUT OF THE TIERED TEACHING ROOM OF NUS BIZ SCHOOL

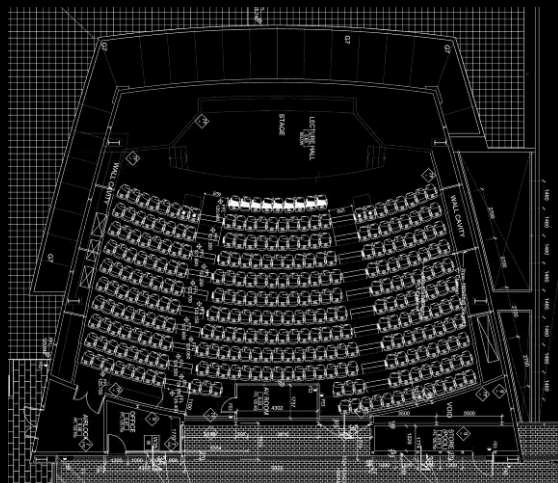


LEVEL 4 OF THE SINGAPORE MANAGEMENT UNIVERSITY SHOWING THE 60-SEATER TIERED TEACHING ROOM AND BREAKOUT ROOM UNDER EXECUTIVE PROGRAM

An example would be the new Business School for the National University of Singapore, for which we are the consultants together with Cox Group Australia. Within the nine-storey tall, 16,000 Sqm building is a soaring five-storey atrium that will serve as a focal point as well as a perfect place for academic and social events. Much thought has been given to facilitate the exchange of ideas and knowledge, so throughout the building, there is a series of informal interaction zones to encourage discussions. Classrooms, meeting and seminar rooms, study spaces, executive dining areas, and even a cafe and a dedicated Alumni Lounge are well integrated.



2 300 SEATER LECTURE HALL FOR THE SINGAPORE MANAGEMENT UNIVERSITY

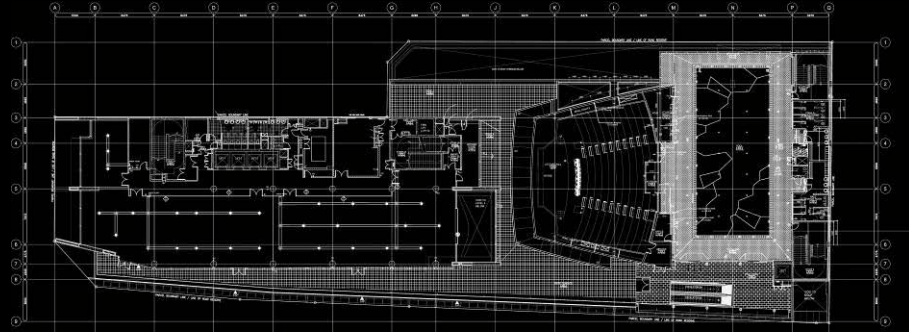


3 60-SEATER TIERED CLASS ROOM FOR THE SINGAPORE MANAGEMENT UNIVERSITY

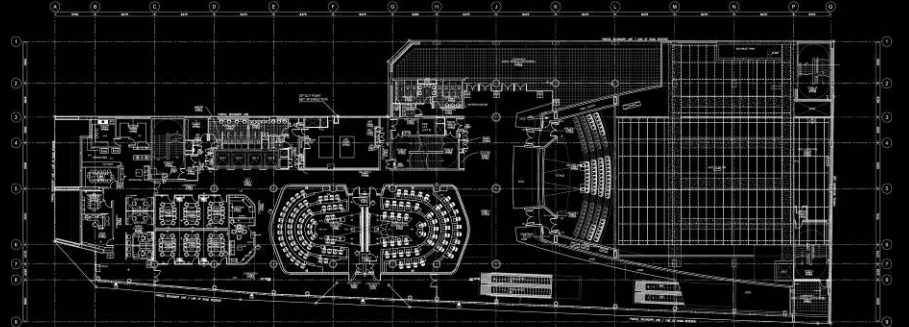
# THE LIVING BUILDING



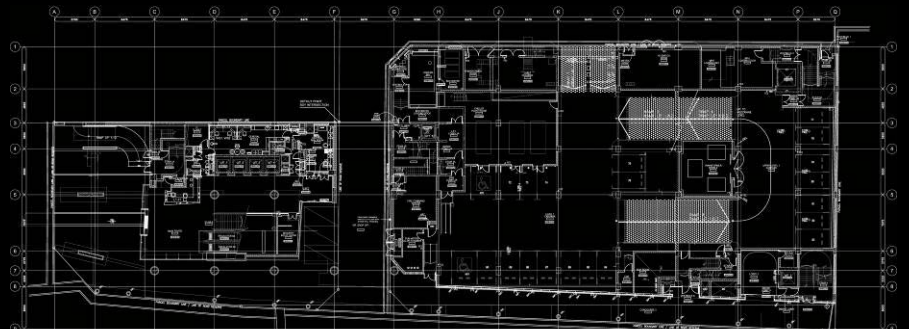
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Level 6



Level 4



Level 1

PLAN FOR THE SINGAPORE MANAGEMENT UNIVERSITY

DEG ARCHITECTS ARE COMMITTED TO CREATING WHAT WE WOULD CALL "UNIVERSAL SUSTAINABLE ARCHITECTURE" - EMBODYING PRINCIPLES OF HIGH PERFORMANCE, BEAUTY AND COMMUNITY. IT IS THE AIM OF THE ARCHITECTS TO PROVIDE ARCHITECTURE EMBODYING UNIVERSAL (HIGH PERFORMANCE) CRITERIA, SUCH AS IN ACCOMMODATING A WIDE RANGE OF INDIVIDUAL PREFERENCES AND CAPABILITIES AS WELL AS BEING ABLE TO COMMUNICATE IN THE SIMPLEST AND MOST INTUITIVE WAY WITH BUILDING OCCUPANTS. THERE SHOULD ALSO BE AN ELIMINATION OF POSSIBLE HAZARDS AND AN INHERENT EMBODIMENT OF HIGH COMFORT AND LOW FATIGUE IN THE USE OF THE BUILDING.

AS A SUSTAINABLE BUILDING, THE PROJECT WOULD OPTIMIZE THE USE OF NATURALLY AVAILABLE RESOURCES SUCH AS LIGHT, VENTILATION AND GREENERY IN PROVIDING A HIGH LEVEL OF COMFORT, YET BE ASSEMBLED WITH LOW EMBODIED-ENERGY MATERIALS THAT ARE NOT ENVIRONMENTAL HAZARDS WHEN DISPOSED. THE USE OF ENERGY GENERATING SYSTEMS SUCH AS SOLAR CELLS WHERE POSSIBLE ON FACADES AND ROOF DECKS. GREEN ROOF SYSTEMS AS WELL AS WATER RETENTION SYSTEMS WOULD BE INCORPORATED WHERE POSSIBLE.

THE INVOLVEMENT AND ENGAGEMENT OF THE ACADEMIC COMMUNITY IN SUSTAINABLE PRACTICES AND THE WORKINGS OF THE BUILDING'S ENVIRONMENTAL SYSTEM WOULD HELP TO NURTURE AWARENESS AND SENSIBILITIES TO GREEN BUILDING PRACTICE.



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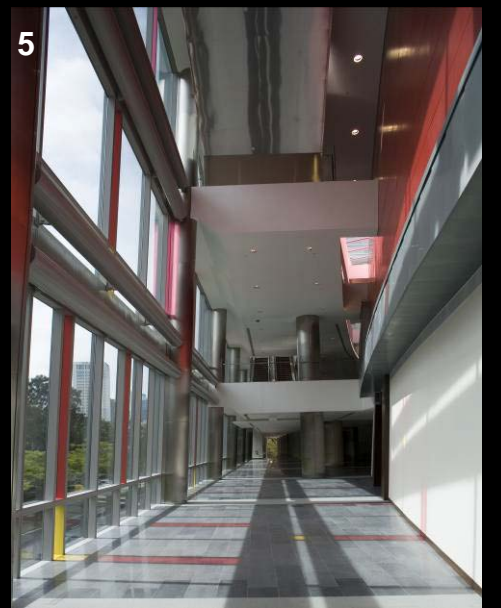
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1. HIGH OPEN FOYER ALLOWS VISUAL RELATIONSHIP TO THE EXTERIOR LANDSCAPE. ABUNDANCE NATURAL VENTILATION AND LIGHTING IS INTEGRATED INTO THE NUS BIZ SCHOOL DESIGN
2. 3D MODELLING OF THE NUS BIZ SCHOOL SHOWING THE PERMEABILITY OF THE EXTERNAL FAÇADE, MAXIMISING AIR FLOW, AND VISUAL CONNECTIVITY.
3. SECTION THRU THE NUS BIZ SCHOOL ILLUSTRATING THE DESIGN OPTIMISATION OF THE NATURAL RESOURCES
- 4 & 5 LIGHT PENETRATION INTO THE CIRCULATION AND DOUBLE VOLUME SPACE OF THE SMU ADMINISTRATION BUILDING. COLOURED GLASS IS INTRODUCED TO CREATE A PLAY OF VIBRANCY INTO THE INTERIOR.

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DEG ARCHITECTS PROJECTS, SUCH AS THE NUS BUSINESS SCHOOL (COMPLETION 2009) ALREADY EMBODIES SOME OF THE IDEAS TO BE FURTHER EXPLORED HERE. THE BUILDING WAS DESIGNED FROM GROUND UP TO BE ENVIRONMENTALLY FRIENDLY, ENERGY MONITORING SYSTEMS AND STRUCTURAL DESIGNS ARE GEARED TO OPTIMALLY CONSERVE ENERGY. AS SUCH, FACULTY AND DEPARTMENT OFFICES LOCATED ON THE UPPER FLOORS WILL ENJOY THE FLOW OF FRESH AIR, NATURALLY LIT BY A DRAMATIC OPEN-AIR SKYLIGHT. THE BUILDING TESTIFIES TO THE KEEN DESIGN INTENT TO FOSTER A COMFORTABLE AND INNOVATIVE ENVIRONMENT FOR THE CREATIVE PURSUIT OF ACADEMIC EXCELLENCE.

# CAPABILITY & PROCESS

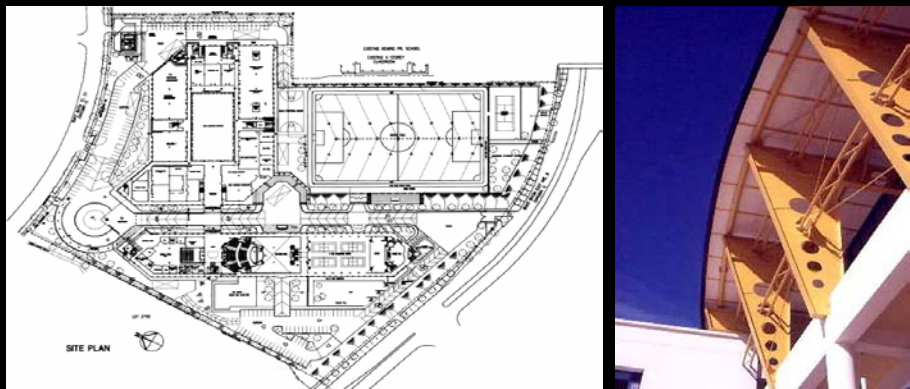


Singapore Management University, Administration Building (awarded Joint-Winner for the SMU Campus Design Competition) (Joint-venture with COX Group of Australia) (2002 – 2007, S\$85 million)

Singapore Management University is a new university campus designed to integrate the Singapore CBD with its western parkland in which the city's main cultural buildings are housed. The Mast plan submission by COX + DEG shared first prize in an open international design competition for the campus. The Victoria Project (Administration Building) was commissioned a result of this.

The site itself was complex and of irregular shape, long and thin and about 100m x 35 m. It is a corner site with additional frontage to a rear access lane. The site is bisected by an easement that is required to revert to a public roadway and therefore cannot be constructed upon a height of 4.5m. The brief also was unusual in combining a large commercial office requirement with such space as a 600-seat auditorium, a 300-seat tiered lecture hall as well as smaller flat floor teaching spaces and conference facilities. During the course of the Project, the brief was amended to include a Flat Floor Multi-purpose Sports Hall and Recreational Swimming Pool in lieu of the Auditorium.

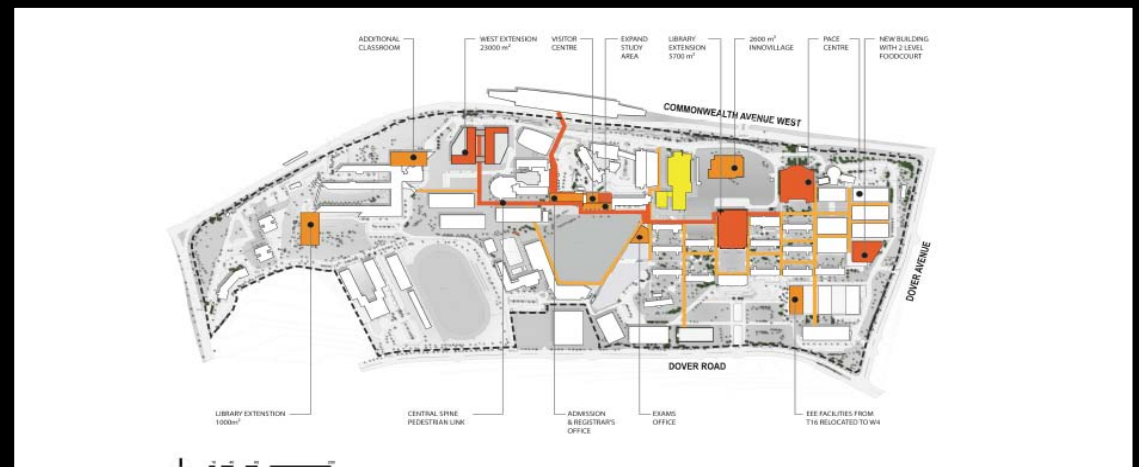
The Building is the Administrative Heart of the University, and is designed as an icon for the SMU



Institute of Technical Education (ITE) at Bukit Batok (1996 to 1999, S\$30 million) – Winner of ITE Design Competition (Award: SIA-ICI Colour Awards (2000) Bronze Award Category B, Interior)



GINTIC Institute of CIM Building for Nanyang Technological University awarded 1<sup>st</sup> Prize for the Design Competition (1982 – 1992, S\$ 10 million) and Valley Block for NTU



New Business School at Kent Ridge for National University of Singapore – Winner of NUS Design Competition JV with COX Architects & Planners (2008 & to be completed in Oct 2009) – The design of the new Business School is to satisfy the requirements of the brief and at the same time produce a building of distinction which will become an identifiable symbol of the school. The building has been inspired by nature and the development of technologies related to minimal structure. Structure in plant material is particularly relevant where it responds to the stresses and strains and this has been taken as the structure of the building where the skin of the building takes on the weather protection of the building when subject to the forces of nature. The Team conducted series of workshops to ascertain user requirements and the Philosophical Nature of the School and their wish to position themselves with an International perspective.

Singapore Polytechnic Master Plan JV with COX Architects & Planners (2008): VISION – as the current site continues to be developed, critical decision must be made within a clear & coherent framework so that each step builds towards a clearer and more useable campus. A series of common principles underlie the vision of successful teaching institutions:

- Philosophy – successful campuses are laid down with clear structure & identity
- Change – flexibility within a strong and robust planning structure is essential
- Circulation – the efficient & safe movement to and within the campus is fundamental
- Community – links to business and to the wider community is important & to remain relevant
- Environment – landscape approach and sustainability is fundamental
- Technology – anticipate wider range of student body by the use of new technology
- Business Partnership – forge closer links with a wider range of external group to enhance the profile of both business and the institution.

## PROCESS

**PRACTICE & RESEARCH – A PROCESS FOR ACHIEVING UNIQUENESS AND UNEQUIVOCAL PROPOSITION WHICH RESULTS IN INDIVIDUAL SOLUTION BASED ON THE READING OF THE “POWER OF THE PLACE”. THE INTERSECTION OF BUILDING(S) AND LANDSCAPE, THE EFFECTS OF WEATHER, MATERIALS AND PASSAGE OF TIME – ALL IN CONCERT TO ACHIEVE UNIVERSAL SUSTAINABLE ARCHITECTURE. TODAY’S PRACTICE & RESEARCH IS A WAY OF THINKING INTO PASSIVE AND SUSTAINABLE PROCESS WITH NATURE AND NATURAL RESOURCES TO BRING OUT INSTINCTS OF AND FOR AN APPROPRIATE OUTCOME INVARIABLE LEADING TO POWERFUL AND CLARITY IN THE BUILT ENVIRONMENT. TOWARDS RESEARCH + CREATION – UNIVERSAL SUSTAINABLE ARCHITECTURE IS MORE THAN TODAY’S THRILLS ACHIEVED MAINLY FROM THE PHYSICAL ELEGANCE OF GEOMETRICAL FANTASIZE AND GYMNAST.**

**OUR TEAM WILL WORK IN COLLABORATION / CONSULTANCY WITH MELBOURNE SCHOOL OF DESIGN THROUGH PRACTICE & RESEARCH DESIGN PROCESS**

## DESIGN-ENVIRONMENT GROUP ARCHITECTS LLP • CHAN SENG KEE Q.P.

THE FIRM - CO-FOUNDED BY PRINCIPAL ARCHITECT, MR CHAN SENG KEE, IN 1975 AFTER THE DISSOLUTION OF ADG ARCHITECTS (1967-1975), THE PRACTICE HAS HAD THE OPPORTUNITY TO TAKE PART IN THE DESIGN AND ADMINISTRATION OF MOST BUILDING TYPES, FROM RESIDENTIAL TO HOTEL, FROM PUBLIC SCHOOLS TO HIGHER LEARNING INSTITUTION, FROM INDUSTRIAL TO HIGH-TECH FACTORY FOR WAFER FABRICATION WITH SOPHISTICATED AND CUSTOM DESIGNED FACILITIES. DEG TOGETHER WITH OUR ASSOCIATE OFFICE, SK CHAN ARCHITECT MALAYSIA SUPPORT AND PARTICIPATE ACTIVELY IN VARIOUS ARCHITECTURAL AND DESIGN COMPETITIONS HELD BOTH LOCALLY AND INTERNATIONALLY, AND HAVE GARNERED OVER THE YEARS, VARIOUS AWARDS.

PHILOSOPHY - THE OBJECTIVES OF THE GROUP ARE TO PROVIDE SOLUTIONS FOR CLIENTS BASED ON CONTEMPORARY DESIGN PRINCIPLES, CREATIVE THINKING, GOOD JUDGEMENT AND EXPERIENCE IN CONCERT WITH OPTIMAL ECONOMIC CONSIDERATIONS KEEPING IN MIND THE TOTAL EFFECT ON THE COMMUNITY AND ENVIRONMENT. THE INTRINSIC QUALITIES OF THE GROUP ARE DEMONSTRATED BY THE WHOLE SPECTRUM OF PROJECTS UNDERTAKEN IN SINGAPORE, MALAYSIA AND OVERSEAS FOR AN INTERNATIONAL CLIENTELE.

### AWARDS

- **Winner for NUS Design Competition for New Business School (2008)**
- **2008 WACA Design Award for SMU VP Administration Building**
- **8th SIA Architectural Design Award 2006 & Honorable Mention for 3rd SIA Facade Design Excellence Award - Honorable Mention for Singapore Management University (SMU) Victoria Project, Administration Building (Joint Venture with COX Rayner Architects & Planners)**
- **HDB Design Excellence Award 2004 for the Main Upgrading Project at Selegie House**
- **Third Prize Winner (Joint Venture with Indeco Consortium Pte Ltd) 2004 for Bandar Sunway Precinct Selatan Master Planning & Architectural Concepts Competition**
- **HDB Design Excellence Award 2003 for Interim Upgrading Programme at Cheng Yan Court**
- **PAM 2002 for Excellence in Architecture for 4-storey Multi Function Factory Building for STMicroelectronics, Muar for Microchip Production (with associated firm SK Chan Architect, Malaysia)**
- **Join Winner for SMU International Campus Master Plan Design Competition (2002)**
- **HDB Design Excellence Award 2001 Interim Upgrading Programme at Rowell Court**
- **URA Architectural Heritage Award 2000 of Preservation of Old Thong Chai Building (National Monument)**
- **1st Prize for Institute of Technical Education at Bukit Batok Design Competition 1997 and SIA - ICI Colour Awards 2000 (Bronze Award Category B - Interior) for ITE Bukit Batok**
- **4th SIA Architectural Awards 1996 - Honorable Mention, Office Category for Television Corporation Building at Caldecott Hill**
- **1st Prize for GINTIC Institute of CIM Building at NTU 1989**

### SELECTED PROJECTS

#### Educational

- **New Business School at Kent Ridge for National University of Singapore (2009) JV with COX Richardson Australia**
- **New Building for Assumption Pathway School at Upper Bukit Timah (2011)**
- **Singapore Polytechnic Master Plan Updates (2008) (Joint Venture with COX Richardson, Australia) (2007)**
- **SMU Administration Building at Victoria Street, JV with COX Rayner**
- **New ITE Campus at Bukit Batok**
- **Upgrading at Hwa Chong Junior College & Greenridge Primary School**
- **GINTIC IMT Tower Block at NTU Campus & Valley Block at NTU Campus**
- **New Tampines Primary School**

#### Hi-Tech Industrial & Office Buildings

- **1st Wafer Fabrication Factory for STMicroelectronics in 1980s**
- **Black-end Factories with Clean-room facilities at Toa Payoh, Muar & Shenzhen, China (199'S)**
- **Westinghouse Building & Samearo Building at Loyang, Singapore**
- **Television Corporation of Singapore (now known as MediaCorp) Office with Broadcasting Facilities**
- **Robert Bosch Headquarter Building at Jalan Pemimpin**

#### Hotel

- **Carlton Hotel at Bras Basah Road**

#### Public Housing & Environmental Upgrading

- **5-Year Upgrading Master Plan 2005 - 2010) & Barrier-free Accessibility Master Plan for Jalan Besar Town Council**
- **Environmental Improvement Programme at Siglap Village & Upper Serangoon Road & Kampong Sireh (2008) for Urban Redevelopment Authority**



SMU Administration Bldg



Carlton Hotel



Singapore's 1<sup>st</sup> Wafer Fab



Singapore Broadcasting Corp.



Nanyang Technological University



S'pore Management University VP Bldg

PAM AWARD

ICI Color Award

URA Award

NEC Corp

Robert Bosch

Public Housing Design Awards

### DEG's TEAM

#### CHAN SENG KEE, Principal Architect / Qualified Person (68)

Dip Arch (S'pore Poly), MSc (Int'l Const. Mgt) MSIA, APAM, RIBA, M.S. P Mgr., ASI Arb, AIDPM, MSID, SIA Council Member (1972 and 2004), Past President NUS Architectural Alumni Association, Board Member, Singapore Action Group for Elders (SAGE) Member of Feedback Unit (2002) for Elderly Development, Political / International Matters, Foreign Talents, Member of World Association of Chinese Architects

#### SOH GIN TECK, Architect / Qualified Person (70)

Dip Arch (S'pore Poly), PAM (Silver), MSIA

#### CHUA HUA MENG, Architect / Qualified Person (71)

Dip Arch (S'pore Poly), RIBA, FSIA, Fellow Society of Proj Mgr

#### NEO SEI HUA, Architect / Qualified Person (44)

BA (NUS), MSIA

#### Dr LIMIN HEE, Assistant Professor / Registered Architect (42)

Doctor of Design, Harvard University, Registered Architect, Singapore MA (Architecture), B Arch (Hons.) National University of Singapore

#### CHAN KOK LEONG, Architect / Qualified Person (38)

AA Dipl (London), MSIA, RIBA, MSID, Member WACA

#### ALVIN NG, Architect / Qualified Person (35)

Dip S'pore Poly, B Arch (UNSW) (London)

#### PETER TSO, Senior Architect (33)

AA Dipl (London), RIBA

#### CHAN PECK SAN, Architect / Project Manager (30)

AA Dipl (London), RIBA

### Project Team Members (Subject to further confirmation)

Architect / Planners: -  
COX Architects & Planners (Australia)  
Daryl Jackson Architects

Structural / M&E / Traffic / Façade Consultants: -  
Meinhardt (Australia / Singapore)  
Maunsell Consultants / Aecom  
ARUP Consultants  
Beca Cater & Hollings

Landscaping / Master Planning: -  
Keikan Sekkei (Japan & Singapore)  
IMA Design Corp (USA)

Specialist Consultants and In-house Specialists from Melbourne University to be finalized upon subsequent stages of design competition.