

# BCA Construction Excellence Awards





The BCA Construction Excellence Awards was introduced in 1986 and is now at its fifteenth year of competition. To date, BCA has conferred 84 Awards and 78 Certificates of Merit (1986 – 2000).

Invitations for the submission of nomination for the Awards were made in August 2000 to architectural and professional engineering consultancy firms, government departments, statutory boards as well as construction firms. 67 nominations were received.

After the preliminary selection by the Assessment Committee, 44 of the nominated projects were finally shortlisted under the following categories:

- (a) Commercial Buildings
- (b) Residential Buildings (\$1000/m<sup>2</sup> and above)
- (c) Residential Buildings (Below \$1000/m<sup>2</sup>)
- (d) Institutional Buildings
- (e) Industrial Buildings
- (f) Civil Engineering Projects

The Assessment Committee assessed the projects in 3 Stages:

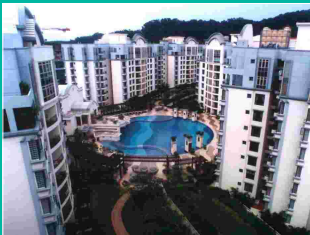
Contractor's presentation on the construction process, site visits and a committee meeting to deliberate on the results. The assessment of the nomination was based on the following criteria:

- (a) Contractor's overall management of the project;
- (b) Contractor's technical capability and innovations;
- (c) Quality of the completed project.



**KING'S CENTRE / GRAND COPTHORNE WATERFRONT HOTEL**  
(Commercial Building Category)

MAIN CONTRACTOR	: Shimizu Corporation
CLIENT	: City Developments Ltd
ARCHITECTURAL CONSULTANT	: RSP Architects Planners & Engineers (Pte) Ltd
STRUCTURAL CONSULTANT	: Steen Consultants Pte Ltd
M & E CONSULTANT	: Squire Mech Pte Ltd
QUANTITY SURVEYOR	: Davis Langdon & Seah Singapore Pte Ltd
CONSTRUCTION COST	: S\$159.0 Million
CONSTRUCTION PERIOD	: 26 months
GROSS FLOOR AREA	: 63,573 m <sup>2</sup>



**PARC PALAIS CONDOMINIUM**  
(Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: Hyundai Engineering & Construction Co Ltd
CLIENT	: City Developments Ltd
ARCHITECTURAL CONSULTANT	: Ong & Ong Architects Pte Ltd
STRUCTURAL CONSULTANT	: SBT Consultants + Accredited Checkers
M & E CONSULTANT	: Squire Mech Pte Ltd
QUANTITY SURVEYOR	: Davis Langdon & Seah Singapore Pte Ltd
CONSTRUCTION COST	: S\$142.6 Million
CONSTRUCTION PERIOD	: 34 months
GROSS FLOOR AREA	: 75,456 m <sup>2</sup>



### ST. NICHOLAS VIEW

(Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: Fook Tong Nam Development Pte Ltd
CLIENT	: Bukit Sembawang View Pte Ltd
ARCHITECTURAL CONSULTANT	: RSP Architects Planners & Engineers (Pte) Ltd
STRUCTURAL CONSULTANT	: RSP Architects Planners & Engineers (Pte) Ltd
M & E CONSULTANT	: Bescon Consulting Engineers Pte
QUANTITY SURVEYOR	: KPK Quantity Surveyors (1995) Singapore Pte Ltd
CONSTRUCTION COST	: S\$26.0 Million
CONSTRUCTION PERIOD	: 22 months
GROSS FLOOR AREA	: 15,767 m <sup>2</sup>



### THE GLENCAIRD RESIDENCES

(Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: Sysma Construction Pte Ltd
CLIENT	: Oroll Pte Ltd
ARCHITECTURAL CONSULTANT	: aKTa-rchitects
STRUCTURAL CONSULTANT	: Tham & Wong Civil & Structural Engineers
M & E CONSULTANT	: Bescon Consulting Engineers Pte
QUANTITY SURVEYOR	: KPK Quantity Surveyors (1995) Singapore Pte Ltd
CONSTRUCTION COST	: S\$34.7 Million
CONSTRUCTION PERIOD	: 27 months
GROSS FLOOR AREA	: 9,267m <sup>2</sup>





## PARLIAMENT COMPLEX (Institutional Building Category)

MAIN CONTRACTOR	: <b>Evan Lim &amp; Co Pte Ltd</b>
CLIENT	: Government of the Republic of Singapore
ARCHITECTURAL CONSULTANT	: PWD Consultants Pte Ltd
STRUCTURAL CONSULTANT	: PWD Consultants Pte Ltd
M & E CONSULTANT	: PWD Consultants Pte Ltd
QUANTITY SURVEYOR	: PWD Consultants Pte Ltd
CONSTRUCTION COST	: S\$114.0 Million
CONSTRUCTION PERIOD	: 36 months
GROSS FLOOR AREA	: 19,764 m <sup>2</sup>



## WACKER SILTRONIC FAB S (Industrial Building Category)

MAIN CONTRACTOR	: <b>M + W Zander (S) Pte Ltd</b>
CLIENT	: Wacker Siltronic Singapore Pte Ltd
ARCHITECTURAL CONSULTANT	: Architects Team 3 Pte
STRUCTURAL CONSULTANT	: SCE Consultants (Pte)
M & E CONSULTANT	: Alpha Engineering Consultant
QUANTITY SURVEYOR	: KPK Quantity Surveyors (1995) Singapore Pte Ltd
CONSTRUCTION COST	: S\$250.0 Million
CONSTRUCTION PERIOD	: 18 months
GROSS FLOOR AREA	: 48,197 m <sup>2</sup>



### SINGAPORE POST CENTRE (Industrial Building Category)

MAIN CONTRACTOR	: <b>Penta Ocean – Low Keng Huat Joint Venture</b>
CLIENT	: Singapore Post Pte Ltd
ARCHITECTURAL CONSULTANT	: RDC Architects Pte Ltd
STRUCTURAL CONSULTANT	: Ove Arup & Partners Singapore
M & E CONSULTANT	: Parsons Brinckerhoff Consultants Pte Ltd
QUANTITY SURVEYOR	: Davis Langdon & Seah Singapore Pte Ltd
CONSTRUCTION COST	: S\$249.7 Million
CONSTRUCTION PERIOD	: 36 months
GROSS FLOOR AREA	: 137,227 m <sup>2</sup>



### SUSPENSION FOOTBRIDGE AT TANJONG RHU (Civil Engineering Projects Category)

MAIN CONTRACTOR	: <b>Antara Koh Pte Ltd</b>
CLIENT	: Ministry of National Development
PROJECT MANAGER	: PWD Consultants Pte Ltd
PRINCIPAL CONSULTANT	: Murray-North Consulting Engineers
STRUCTURAL CONSULTANT	: Murray-North Consulting Engineers
M & E CONSULTANT	: PWD Consultants Pte Ltd Murray-North Consulting Engineers
QUANTITY SURVEYOR	: PWD Consultants Pte Ltd Murray-North Consulting Engineers
CONSTRUCTION COST	: S\$5.2 Million
CONSTRUCTION PERIOD	: 16 months





RECLAMATION AT CHANGI EAST – PHASE 1B  
(Civil Engineering Projects Category)

MAIN CONTRACTOR	: Hyundai Engineering & Construction Co Ltd
CLIENT	: Ministry of Communications & Information Technology
PRINCIPAL CONSULTANT	: SPECS Consultants Pte Ltd
QUANTITY SURVEYOR	: SPECS Consultants Pte Ltd
CONSTRUCTION COST	: S\$605.4 Million
CONSTRUCTION PERIOD	: 60 months





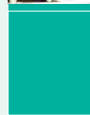


## WINSLAND HOUSE II (Commercial Buildings Category)

MAIN CONTRACTOR	: <b>Obayashi Corporation</b>
CLIENT	: Winshine Investment Pte Ltd / Winmax Investment Pte Ltd
PROJECT MANAGER	: Wingtai Property Management Pte Ltd
ARCHITECTURAL CONSULTANT	: RSP Architects Planners & Engineers (Pte) Ltd
DESIGN CONSULTANT	: Aquitectonica
STRUCTURAL CONSULTANT	: DE Consultants (S) Pte Ltd
M & E CONSULTANT	: Parsons Brinckerhoff Consultants Pte Ltd
QUANTITY SURVEYOR	: Davis Langdon & Seah Singapore Pte Ltd
CONSTRUCTION COST	: S\$60.2 Million
CONSTRUCTION PERIOD	: 30 months
GROSS FLOOR AREA	: 17,839m <sup>2</sup>

## THE MASTERS GOLF & COUNTRY CLUB IN GUANGZHOU, CHINA (Commercial Buildings Category)

MAIN CONTRACTOR	: <b>SembCorp Engineers and Constructors Pte Ltd</b>
CLIENT	: Guangzhou Fangcun Golf and Country Club Co Ltd
ARCHITECTURAL CONSULTANT	: ST Architects & Engineers Pte Ltd
STRUCTURAL CONSULTANT	: ST Architects & Engineers Pte Ltd
M & E CONSULTANT	: ST Architects & Engineers Pte Ltd
QUANTITY SURVEYOR	: ST Architects & Engineers Pte Ltd
CONSTRUCTION COST	: S\$35.0 Million
CONSTRUCTION PERIOD	: 22 months
GROSS FLOOR AREA	: 8,730m <sup>2</sup>





## GRAND HOTEL D'ANGKOR IN SIEM REAP, CAMBODIA (Commercial Buildings Category)

MAIN CONTRACTOR	: Caravelle Construction & Development Pte Ltd
CLIENT	: Raffles Holdings Ltd
ARCHITECTURAL CONSULTANT	: Architects 61 Pte Ltd
STRUCTURAL CONSULTANT	: Tan Ee Ping & Partners
M & E CONSULTANT	: J. Roger Preston (S) Pte Ltd
QUANTITY SURVEYOR	: Rider Hunt Levett & Bailey
CONSTRUCTION COST	: US\$20.9 Million
CONSTRUCTION PERIOD	: 24 months
GROSS FLOOR AREA	: 12,635m <sup>2</sup>



## GERMAN CENTRE IN JAKARTA, INDONESIA (Commercial Buildings Category)

MAIN CONTRACTOR	: Econ Corporation Limited
CLIENT	: PT German Centre, Indonesia
ARCHITECTURAL CONSULTANT	: Fichtner (Asia) Pte Ltd
STRUCTURAL CONSULTANT	: Fichtner (Asia) Pte Ltd
M & E CONSULTANT	: Fichtner (Asia) Pte Ltd
QUANTITY SURVEYOR	: Fichtner (Asia) Pte Ltd
CONSTRUCTION COST	: US\$18.7 Million
CONSTRUCTION PERIOD	: 18 months
GROSS FLOOR AREA	: 27,000m <sup>2</sup>



## BCA Construction Excellence Awards (Merit)

### 4 UNITS OF BUNGALOWS AT 24 NASSIM ROAD

(Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: <b>Juho Construction Pte Ltd</b>
CLIENT	: City Developments Ltd
ARCHITECTURAL CONSULTANT	: Team Design Architects Pte Ltd
STRUCTURAL CONSULTANT	: Richard K C Lim & Partners
M & E CONSULTANT	: Squire Mech Pte Ltd
QUANTITY SURVEYOR	: Rider Hunt Levett & Bailey
CONSTRUCTION COST	: S\$11.8 Million
CONSTRUCTION PERIOD	: 24 months
GROSS FLOOR AREA	: 3,581m <sup>2</sup>



### BURLINGTON SQUARE

(Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: <b>Kajima Overseas Asia Pte Ltd</b>
CLIENT	: Wintrust Investment Pte Ltd
ARCHITECTURAL CONSULTANT	: P & T Consultants Pte Ltd
STRUCTURAL CONSULTANT	: P & T Consultants Pte Ltd
M & E CONSULTANT	: United Project Consultants Pte Ltd
QUANTITY SURVEYOR	: Davis Langdon & Seah Singapore Pte Ltd
CONSTRUCTION COST	: S\$61.3 Million
CONSTRUCTION PERIOD	: 28 months
GROSS FLOOR AREA	: 27,701m <sup>2</sup>





#### 4 UNITS OF HIGH CLASS BUNGALOWS AT RIDOUT ROAD (Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: <b>Sysma Construction Pte Ltd</b>
CLIENT	: City Developments Ltd
ARCHITECTURAL CONSULTANT	: Team Design Architects Pte Ltd
STRUCTURAL CONSULTANT	: H C Lim Consultants Pte Ltd
M & E CONSULTANT	: Squire Mech Pte Ltd
QUANTITY SURVEYOR	: Rider Hunt Levett & Bailey
CONSTRUCTION COST	: S\$10.4 Million
CONSTRUCTION PERIOD	: 21 months
GROSS FLOOR AREA	: 3,380 m <sup>2</sup>



#### THE SPRINGBLOOM CONDOMINIUM (Residential Building Category - \$1000 / m<sup>2</sup> and above)

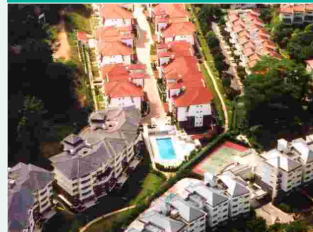
MAIN CONTRACTOR	: <b>China Construction (South Pacific) Development Co Pte Ltd – I.R.E. Corporation Ltd Joint Venture</b>
CLIENT	: MCL Land Ltd
ARCHITECTURAL CONSULTANT	: P & T Consultants Pte Ltd
STRUCTURAL CONSULTANT	: P & T Consultants Pte Ltd
M & E CONSULTANT	: Meinhardt (Singapore) Pte Ltd
QUANTITY SURVEYOR	: KPK Quantity Surveyors (1995) Singapore Pte Ltd
CONSTRUCTION COST	: S\$75.0 Million
CONSTRUCTION PERIOD	: 21 months
GROSS FLOOR AREA	: 51,051 m <sup>2</sup>



### GALLOP GABLES CONDOMINIUM

(Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: <b>Obayashi Corporation</b>
CLIENT	: Straits Developments Pte Ltd
ARCHITECTURAL CONSULTANT	: Architects 61 Pte Ltd
STRUCTURAL CONSULTANT	: C P Lim & Partners
M & E CONSULTANT	: PCR – PERDANA Consulting Pte Ltd
QUANTITY SURVEYOR	: Davis Langdon & Seah Singapore Pte Ltd
CONSTRUCTION COST	: S\$70.6 Million
CONSTRUCTION PERIOD	: 23 months
GROSS FLOOR AREA	: 30,670 m <sup>2</sup>



### HILLBROOKS

(Residential Building Category - \$1000 / m<sup>2</sup> and above)

MAIN CONTRACTOR	: <b>Wan Soon Construction Pte Ltd</b>
CLIENT	: Leonie Court Pte Ltd
ARCHITECTURAL CONSULTANT	: SAA Partnership Pte Ltd
STRUCTURAL CONSULTANT	: DE Consultants (S) Pte Ltd
M & E CONSULTANT	: Rankine & Hill (S) Pte Ltd
QUANTITY SURVEYOR	: Rider Hunt Levett & Bailey
CONSTRUCTION COST	: S\$73.5 Million
CONSTRUCTION PERIOD	: 24 months
GROSS FLOOR AREA	: 36,622m <sup>2</sup>





### JURONG WEST NEIGHBOURHOOD 6 CONTRACT 3 (DESIGN & BUILD)

(Residential Building Category – below \$1000 / m<sup>2</sup>)

MAIN CONTRACTOR	: <b>Kienta Engineering Construction Pte Ltd</b>
CLIENT	: Housing & Development Board
PROJECT MANAGER	: Housing & Development Board
ARCHITECTURAL CONSULTANT	: James Goh & Partners Pte Ltd
STRUCTURAL CONSULTANT	: Hainal-Konyi (S) Pte Ltd
M & E CONSULTANT	: J. Roger Preston (S) Pte Ltd
QUANTITY SURVEYOR	: Housing & Development Board
CONSTRUCTION COST	: S\$110.7 Million
CONSTRUCTION PERIOD	: 29 months
GROSS FLOOR AREA	: 141,306 m <sup>2</sup>



### GEYLANG RC 16A

(Residential Building Category – below \$1000 / m<sup>2</sup>)

MAIN CONTRACTOR	: <b>Chip Eng Seng Contractors (1988) Pte Ltd</b>
CLIENT	: Housing & Development Board
PROJECT MANAGMENT	: Housing & Development Board
ARCHITECTURAL CONSULTANT	: Housing & Development Board
STRUCTURAL CONSULTANT	: Housing & Development Board
M & E CONSULTANT	: Housing & Development Board
QUANTITY SURVEYOR	: Housing & Development Board
CONSTRUCTION COST	: S\$50.0 Million
CONSTRUCTION PERIOD	: 27 months
GROSS FLOOR AREA	: 86,727 m <sup>2</sup>



## BCA Construction Excellence Awards (Merit)

### TWO FINGER BUILDINGS AT TERMINAL 1, SINGAPORE CHANGI AIRPORT (Institutional Buildings Category)

MAIN CONTRACTOR	: <b>Takenaka Corporation</b>
CLIENT	: Civil Aviation Authority of Singapore
ARCHITECTURAL CONSULTANT	: PWD Consultants Pte Ltd
STRUCTURAL CONSULTANT	: PWD Consultants Pte Ltd
M & E CONSULTANT	: PWD Consultants Pte Ltd
QUANTITY SURVEYOR	: PWD Consultants Pte Ltd
CONSTRUCTION COST	: S\$173.0 Million
CONSTRUCTION PERIOD	: 27 months
GROSS FLOOR AREA	: 64,482m <sup>2</sup>

### TAN TOCK SENG HOSPITAL (Institutional Buildings Category)

MAIN CONTRACTOR	: <b>Ssangyong Engineering &amp; Construction Co Ltd – Guan Ho Construction Pte Ltd Joint Venture</b>
CLIENT	: Ministry of Health
ARCHITECTURAL CONSULTANT	: Indeco Consultants Pte Ltd
STRUCTURAL CONSULTANT	: Indeco Consultants Pte Ltd
M & E CONSULTANT	: Indeco Consultants Pte Ltd
QUANTITY SURVEYOR	: Indeco Consultants Pte Ltd
CONSTRUCTION COST	: S\$352.4 Million
CONSTRUCTION PERIOD	: 43 months
GROSS FLOOR AREA	: 186,467m <sup>2</sup>





## INSTITUTE OF MATERIAL RESEARCH & ENGINEERING (Institutional Buildings Category)

MAIN CONTRACTOR	: <b>Tokyu Construction Co Ltd</b>
CLIENT	: Institute of Material Research & Engineering
PROJECT MANAGER	: Ascendas Land (Singapore) Pte Ltd
ARCHITECTURAL CONSULTANT	: Architects Team 3 (Private)
STRUCTURAL CONSULTANT	: Meinhardt (Singapore) Pte Ltd
M & E CONSULTANT	: Meinhardt (Singapore) Pte Ltd
QUANTITY SURVEYOR	: KPK Quantity Surveyors (1995) Singapore Pte Ltd
CONSTRUCTION COST	: S\$22.9 Million
CONSTRUCTION PERIOD	: 18 months
GROSS FLOOR AREA	: 14,923m <sup>2</sup>



## TECHVIEW (Industrial Buildings Category)

MAIN CONTRACTOR	: <b>Nakano Singapore (Pte) Ltd</b>
CLIENT	: Ascendas (KB View) Pte Ltd
PROJECT MANAGER	: Ascendas Land (Singapore) Pte Ltd
ARCHITECTURAL CONSULTANT	: Architects Team 3 Pte
STRUCTURAL CONSULTANT	: KTP Consultants Pte Ltd
M & E CONSULTANT	: Alpha Engineering Consultant
QUANTITY SURVEYOR	: JIA Quantity Surveyor & Project Managers Pte Ltd
CONSTRUCTION COST	: S\$59.5 Million
CONSTRUCTION PERIOD	: 20 months
GROSS FLOOR AREA	: 64,000m <sup>2</sup>



## Chairman

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Group General Manager  
City Developments Ltd

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**Mr Edward D'Silva**  
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**Mrs Koh-Lim Wen Gin**  
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**Mr Tan Tian Chong**  
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