Alba Condominium

Alba is a luxurious condomoinium located in Carinhill Rise. The building is a Y-shaped, 18-storey residential development comprising of 50 units with basement car parks, swimming pool and recreational facilities.

The framing of the superstructure for the development consists mainly of RC slab and beam system, and the framing for the basement consists mainly flat slab system. The transfer floor is at the 1st storey and 2nd storey to meet the architectural requirements. The structure is founded on cast-in-situ reinforced concrete bored piles.

Client: Far East Organization Centre Pte Ltd
Project Value: S$60M
ECAS' Role: Consulting Services
Completion Date: 2015

ECAS

Lumos Condominium

Lumos is a 35-storey residential apartment with basement car parks, swimming pool and recreational facilities.

The structural framing for the development consists of RC beam and slab system for superstructure of the podium and flat slab system for basement slab. Flat Slab with perimeter beams were adopted for typical floor of the tower block. The structure is founded on cast-in-situ reinforced concrete bored piles.

Client: Build Home Pte Ltd.
Project Value: S$66.7M
ECAS' Role: Consulting Services
Completion Date: 2011

Hilltops Condominium

The Hilltops condominium project consisted of 2 blocks of 24-storey residential buildings with basement car parks, swimming pool and communal facilities.

The framing of the superstructure for the development consists mainly of RC flat slab system with RC Columns. The structure is founded on cast-in-situ reinforced concrete bored piles.

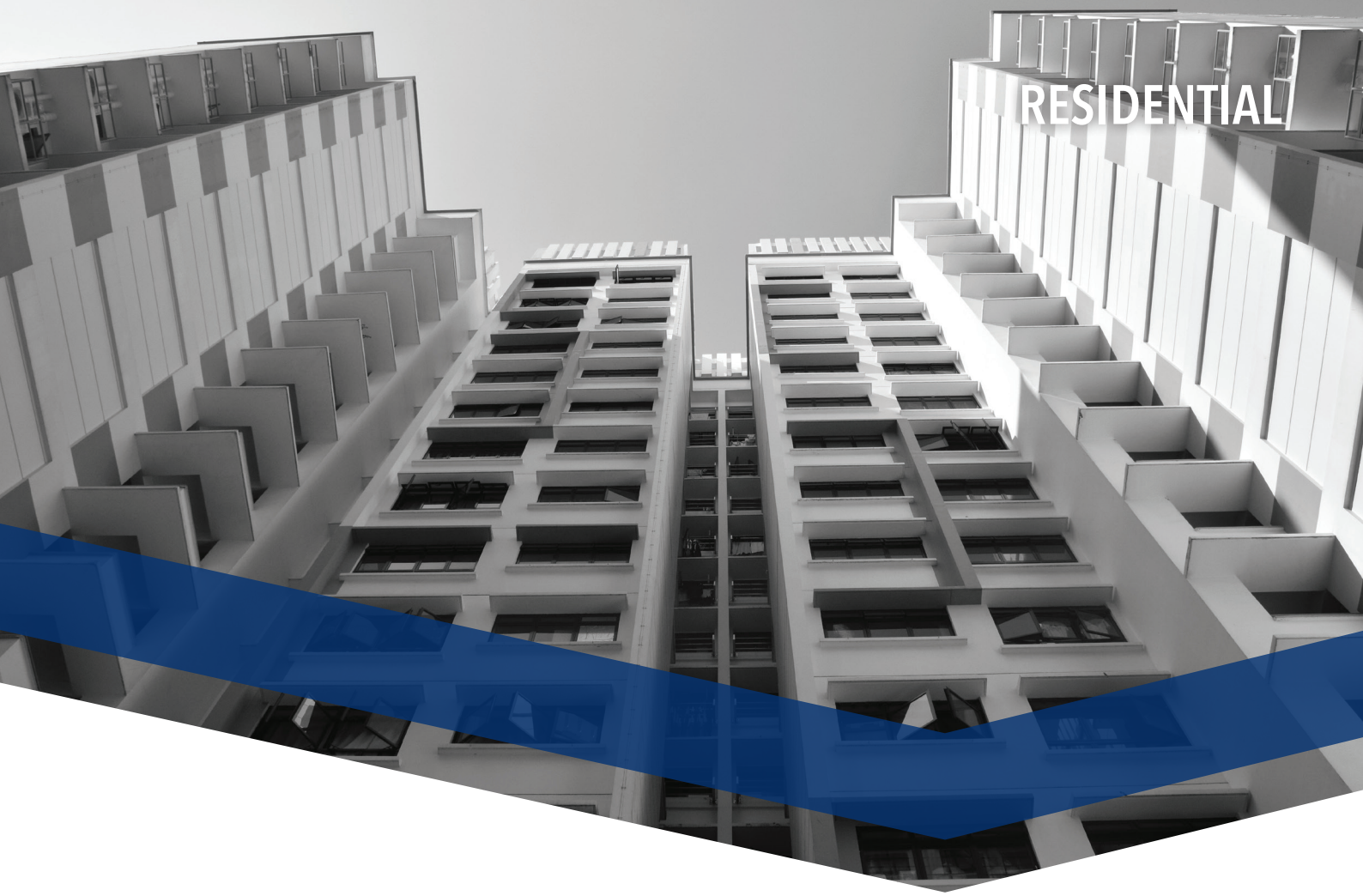
Client: SC Global Developments
Project Value: S$158M
ECAS' Role: Accredited Checking
Completion Date: 2011

Trevista Condominium

The Trevista condominium is a 39-storey residential development with two basement car parks, swimming pool and communal facilities.

The framing of the superstructure for the development consists mainly of RC flat slab system, and the basement framing consist of flat slab system. The transfer structure is at the 1st storey to meet the architectural requirements. The structure is founded on cast-in-situ reinforced concrete bored piles for the main residential towers whereas the podium is supported on spun piles.

Client: Choice Homes Gamma Pte Ltd
Project Value: S$150M
ECAS' Role: Accredited Checking
Completion Date: 2013



RESIDENTIAL

Jurong East Court

Public Housing Development comprising of 2 blocks of 16-storey apartment buildings and 2 blocks of 12-storey apartment buildings making a total of 867 units. The units are of 1 to 3 rooms and have access to lifts at every storey.

The development scheme is composed of a R.C. frame structure, which includes the RC precast beams and RC precast walls, and together with cast in situ columns, lift walls and storey shelter walls. The structure is supported by the reinforced concrete bored piles.

Client: Housing and Development Board
Project Value: S$82.8M
ECAS' Role: Consulting Services
Completion Date: 2014

ECAS

Greenwich V

Greenwich V is an integrated commercial and residential development. It comprises of 7 blocks of 5-storey residential condominium with basement carparks, swimming pool and communal facilities together with 2-storey commercial buildings with shops/supermarkets.

The structural system is the conventional RC beam and slab system for the superstructure and flat slab system for the basement. The structure is founded on precast RC driven/jack-in piles.

Client: Far East Square Pte Ltd
Project Value: S$80M
ECAS' Role: Consulting Services
Completion Date: 2013

Citylights Condominium

The project involved one block of 41-storey and three blocks of 42-storey condominium housing development and consists of basement, multi storey car parks, swimming pool, communal facilities and retention conservation houses.

The framing of the superstructure is a combination of RC flat slab with perimeter beams and RC beam/ slab system. The structure is founded on cast-in-situ reinforced concrete bored piles.

Client: Woodsvale Land Pte Ltd
Project Value: S$95M
ECAS' Role: Accredited Checking
Completion Date: 2007

The Mezzo

The Mezzo is a 28-storey commercial and residential development comprising of 6-storey commercial and carpark podium block and 28-storey residential tower block.

The structural framing for the podium consists of mainly RC slab and beam system, and the framing for the tower consists of mainly flat slab system. The transfer floor is at the 7th storey to meet the architectural requirements. The structure is founded on cast-in-situ reinforced concrete bored piles.

Client: SB (Ruby) Development Pte Ltd
Project Value: S$35M
ECAS' Role: Consulting Services
Completion Date: 2011

COMMERCIAL AND HOSPITALITY

Seacare Hotel and Offices

The Seacare Hotel project involved erection of a 16-storey (103 rooms) hotel block and additions and alterations works to the existing 9-storey office tower. Transfer trusses were proposed at the 13th storey to cater for the loads from the upper storey of the hotel building and support the transfer floors. All columns and beams are steel structures in order to reduce the self-weight of the building above the 13th storey.

Seacare Hotel was the recipient of the the Merit Award for "The Innovative, Efficient and Productive Use of Steel Structures in the Build Environment" in the category of Commercial or Retail Structures at the 2014 Structural Steel Excellence Awards.

Client: Seacare Co-operative Ltd
Project Value: S$17M
ECAS' Role: Consulting Services
Completion Date: 2012


SINGAPORE STRUCTURAL STEEL SOCIETY

Structural Steel Excellence Awards 2014

Merit Award

For

"The Innovative, Efficient and Productive Use of Steel Structures in the Built Environment"

is presented to

ECAS-EJ Consultants Pte Ltd

in the category of

Commercial or Retail Structures

In recognition of the project

Seacare

Anthony Tan
President
Singapore Structural Steel Society

Lee Chee Weye
Chairman
Structural Steel Excellence Awards 2014

ECAS

Siloso Beach Resort

Siloso Beach resort is a rustic eco-hotel on Sentosa Island. It is a 3-storey hotel building with numerous facilities including meeting rooms, gym, dinning venues, and a spirng water pool. The Resort is built within nature giving a feeling of relaxation.

Picture credits: Siloso Beach Hotel website

Client: Siloso Beach Resort Pte Ltd
Project Value: S$12M
ECAS' Role: Consulting Services
Completion Date: 2006

Hotel Kai

Kai Hotel is a heritage hotel in the heart of Bugis. ECAS was appointed C&S Consultant for the addition and alteration to a 2-storey conservation block with attic and addition of a new 5-storey rear extension. The building conserves the shophouse exterior while the interiors are nicely fitted for a comfortable hotel.

The hotel has been awarded with the BCA Green Mark Award (Gold) due to its structural conservation and energy efficiency.

Picture credits: Hotel Kai website

Client: Sinves Investment Consultancy Pte Ltd
ECAS' Role: Consulting Services
Completion Date: 2013

Scotts Square

34/43-storey building with a 3-storey commercial podium and 25/34-storey residential flats with basement shops and carpark, swimming pool and communal facilities

Picture credits: Scotts Square website

Client: Wheelock Properties (Singapore) Limited
Project Value: S$200M
ECAS' Role: Consulting Services
Completion Date: 2010