

Innovations in Prefabricated Modular Structures, Medium to High-Rise buildings

by Prof Shan Kumar BSc Eng. National President - Concrete Institute of Australia.

Modern world construction has met challenges and hurdles with construction methods. Contractors and builders have come up with innovative (smart) construction technique to overcome the challenges and hurdles.

This presentation discusses how the innovative prefabricated and in-situ concrete structural elements of Hickory Building Systems **(HBS)** have enabled the construction of an award winning **44 level La-Trobe tower** apartment building, **45 Level Student Accommodation** Building and a **60 level Collins House building** in Melbourne.

In an Australian first, these buildings were manufactured offsite in prefabricated sections, then transported to the construction site and assembled.

This HBS application is one of the first examples of integrated prefabricated structural system, which differs from more common, panelised modular systems and is more comparable in capability to conventional cast in-situ construction system.

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ACSEV – AGM + PI Insurance

ASSOCIATION OF CONSULTING STRUCTURAL ENGINEERS, VIC.

Wednesday 21th April 2021

Dinner Costs: **ACSEV** **members** **$35.00**

 **Non-Members $45.00**

 Meeting: **ACSEV members nil**

 **Non Members $10.00**

6pm Pre dinner reception

6.30pm Dinner

7.30pm AGM followed by our speaker.

9.00pm Close

Venue : Box Hill Golf Clubrooms

222 Station Street, Box Hill.

Note: Persons booked for dinner or who cancel after the RSVP time are required to pay for the dinner. Payment can be made on the night or posted within 7 days of the meeting date. Cheques are to be made payable to ***ACSEV*** and sent to **ACSEV** **Treasurer, c/-** **JNA Group,** **26 Mabel Street, Camberwell Vic 3124 , Cash/Bankcard will be accepted on the night**

Login Username : Your email address (as recorded with ACSEV)

 Password : Password (unless you have changed it)

***Meeting*** ***Program:***

**Registration** **via** **the** **ACSEV** **website** **by** **4.00pm** **Wednesday** **14th** **April at** **-**

www.acsev.org.au

Members having difficulty using the registration system can contact Len Dalziel by clicking on the email link below :

acsev@acsev.org.au

**Car** **Parking:** On Site