

Creating Buildable Architecture

Joint Presentation Building Smart Strategies



3.30pm

Innovative use of prefabrication in design:

Case study on Pinnacle @ Duxton

A joint presentation by Mr Khoo Peng Beng and
Ms Belinda Huang of ABC Studio.

4.30pm

Innovative Facades: Concepts, Connectivity and
Construct-ability - The Process

A presentation by Mr Kelvin Kan of Agfacadesign

BCA ACADEMY 







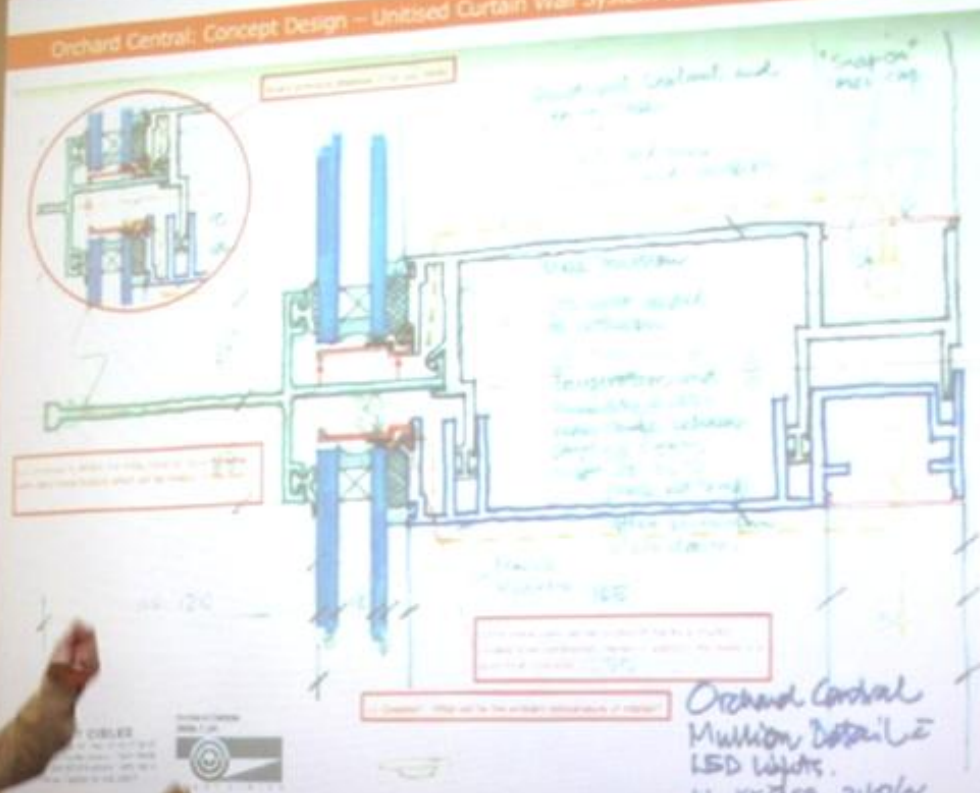
Detail Design
- Structural Systems - 3D modelled Materials - ML PPT Inspection



Performance Prototype Test (PPT)

- What's the purpose?
- What to look out for and why
- Must it be the actual components?





LED Façade:

Main Materials:
Glass
Aluminum

Elements:
DGU
Mullion
Transom
Fin
LED lights
Cables
Clips
Gaskets

Issues:
Structure
Movements
Water seepage
Air infiltration

Requirements:
LED effect
Aesthetics

