

Annex A: Factsheet

Overview	
BCA awards to-date received by NTU	- 15 Green Mark Platinum Awards - In 2015 alone, NTU received 8 Green Mark Platinum awards and two Universal Design Mark awards
Sports Hall	
Size	- Over 9,800m ²
Floors	- 3 storeys
Expected completion date	- First quarter 2016
Capacity and features	- Over 900 mechanised retractable seating - 13 badminton courts or 3 volleyball/netball/basketball courts - Outdoor carpark
Eco features	- Motion sensor LED system - Passive induction cooling system using chilled water - "Green cement" (<i>reused industrial by-products such as ash, silica and slag</i>) used for i.e. foundation.
Construction method	- Engineered wood system construction method which comprises of glulam timber & cross laminated timber. - <i>Glulam timber involves numerous laminated small pieces of timber forming a single large, strong, piece of timber that can be used as vertical columns, horizontal beams, which can be in curved and arched shapes.</i>
North Hill Residential Hall	
Size	- 6 blocks
Floors	- 13 storey public high rise building which includes 3 storeys of common facilities (i.e. common study areas, sky lounges, gym)
Expected completion date	- First quarter 2016
Capacity and features	- Over 1,850 students - Common study areas and lounges - Sky lounges - 580 sqm gymnasium (largest gym in NTU campus) - 1 multi-purpose hall

	- Reading rooms - Music/dance rooms - Rooftop BBQ terraces - F&B and shops
Eco features	- Around 480 solar-powered energy system which powers common area lighting and hot water dispensers. - Motion sensor LED system - Dual refuse system (for recycling) - “Low-E” glazed windows – <i>special coating that reflects heat and UV rays</i> - Louvres for ventilation - “Green cement” (<i>reused industrial by-products such as ash, silica and slag</i>) used for <i>i.e. foundation</i>.
Construction method	- “Lego-style” prefabricated pre-finished volumetric construction (PPVC)

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