## 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 9,800$m^2$ |
| 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" (*reused industrial by-products such as ash, silica and slag*) used for i.e. foundation. |
| Construction method | - Engineered wood system construction method which comprises of glulaminated timber & cross laminated timber.  
- *Glulaminated 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.* |

### 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 |
| 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 – *special coating that reflects heat and UV rays*  
| | - Louvres for ventilation  
| | - “Green cement” (*reused industrial by-products such as ash, silica and slag*) used for i.e. foundation.  
| Construction method | - “Lego-style” prefabricated pre-finished volumetric construction (PPVC)  

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