



OTTV of Resident's Recreational Facilities Summary Sheet

PNAP
APP-156
Appendix **B**

Address: T2, Proposed Residential Development at NKIL 6566 Kai Tak Area 1K Site 2, KL		BD Ref. No.	
Building Type / Use : Resident's Recreational Facilities			
TV calculated by		<input checked="" type="checkbox"/> 1. Registered Professional Engineers <input type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify:	
Classification		<input checked="" type="checkbox"/> Podium / <input type="checkbox"/> Tower	
No. of Storeys (RRF)		2	
Gross Floor Area		741.756 m ²	
Usable Floor Area		519.737 m ²	
Total External Wall Area (including windows)		648.85 m ²	
Total Window Area		204.70 m ²	
Total Skylight Area		0 m ²	
**Weighted Average U-value	Opaque Wall	2.22 W/m ²	
	Window	0.88 W/m ²	
	Opaque Roof	2.22 W/m ²	
	Skylight	0 W/m ²	
Window	Glass Type	<input type="checkbox"/> Reflective Area= m ² SC= VLT= % ER= % <input checked="" type="checkbox"/> G2 Laminated Glass Area= 65.97 m ² SC= 0.93 VLT= 85 % ER= 8 % <input checked="" type="checkbox"/> G3 Laminated Glass Area= 110.72 m ² SC= 0.91 VLT= 87 % ER= 7 %	
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	Skylight	<input type="checkbox"/> Reflective Area= m ² SC= VLT= % ER= % <input type="checkbox"/> Tinted Area= m ² SC= VLT= % ER= % <input type="checkbox"/> Clear Area= m ² SC= VLT= % ER= %	
Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No		
External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		
**Weighted Average Absorptivity	Wall	0.78	
	Roof	/	
**Weighted Average Density	Wall	568.49 kg/m ²	
	Roof	498.60 kg/m ²	
OTTV _{RRF}	Wall	51.74 W/m ²	
	Roof	15.30 W/m ²	
	Overall Average	49.50 W/m ²	

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 ** Weighted by area
 Window and skylight data should represent the major proportion of its use in the development.

T2