



# OTTV of Resident's Recreational Facilities Summary Sheet

PNAP  
**APP-156**  
Appendix **B**

Address: Residential Development at 3 Lung Kui Road, Beacon Hill, Kowloon, N.K.I.L. No. 6533		BD Ref. No. 4057/16	
Building Type / Use : Resident's Recreational Facilities			
OTTV 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)		1 Storey	
Gross Floor Area		966.771 m <sup>2</sup> ✓	
Usable Floor Area		590.232 m <sup>2</sup> ✓	
Total External Wall Area (including windows)		74.32 m <sup>2</sup>	Window to Wall Ratio
Total Window Area		29.53 m <sup>2</sup>	= 0.397 ✓
Total Skylight Area		0 m <sup>2</sup>	
**Weighted Average U-value	Opaque Wall	2.33	W/m <sup>2</sup>
	Window	2.26	W/m <sup>2</sup>
	Opaque Roof	2.98	W/m <sup>2</sup>
	Skylight	0	W/m <sup>2</sup>
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m <sup>2</sup> SC= VLT= % ER= %
		<input checked="" type="checkbox"/> Tinted	Area= 29.53 m <sup>2</sup> SC= 0.46 VLT= 56 % ER= 16 %
		<input type="checkbox"/> Clear	Area= m <sup>2</sup> SC= VLT= % ER= %
	Double Glazing	<input checked="" 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	Glass Type	<input type="checkbox"/> Reflective	Area= m <sup>2</sup> SC= VLT= % ER= %
		<input type="checkbox"/> Tinted	Area= m <sup>2</sup> SC= VLT= % ER= %
		<input type="checkbox"/> Clear	Area= m <sup>2</sup> 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	0.5	→ All Glass
	Roof	0.91	→ Shaded Area
**Weighted Average Density	Wall	510.87	kg/m <sup>2</sup>
	Roof	491.2	kg/m <sup>2</sup>
OTTV <sub>RRF</sub>	Wall	31.36	W/m <sup>2</sup>
	Roof	26.41	W/m <sup>2</sup>
	Overall Average	30.05	W/m <sup>2</sup>

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.

← 50 (podium)