

**Appendix B**  
(PNAP APP-156)

**OTTV of Resident's Recreational Facilities Summary Sheet**

Address: Proposed Alteration and Addition Works for Swimming Pool and Filtration Plant Room of Strawberry Hill, 32 Plantation Road, Hong Kong – R.B.L. 512				BD Ref. No. BD 2-3/2307/72/8	
Building Type / Use :		Resident's Recreational Facilities			
OTTV calculated by		<input checked="" type="checkbox"/> 1. Registered Professional Engineers <input checked="" 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)		TWO			
Gross Floor Area		0 m <sup>2</sup>			
Usable Floor Area		0 m <sup>2</sup>			
Total External Wall Area (including windows)		142.6 m <sup>2</sup>	Window to Wall Ratio		
Total Window Area		0 m <sup>2</sup>	0/142.6 = 0		
Total Skylight Area		0 m <sup>2</sup>			
**Weighted Average U-value	Opaque Wall	2.00	W/m <sup>2</sup>		
	Window	0	W/m <sup>2</sup>		
	Opaque Roof	0.36	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 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	Overhang <input type="checkbox"/> Yes <input type="checkbox"/> No Sidefin <input type="checkbox"/> Yes <input 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				
**Weighted Average Absorptivity	Wall	White Semi-Gloss Paint = 0.3, Aluminium Louver = 0.4, Steel/ Hatch Door = 0.25			
	Roof	Uncoloured Concrete = 0.65			
**Weighted Average Density	Wall	523.38	kg/m <sup>2</sup>		
	Roof	993.63	kg/m <sup>2</sup>		
OTTV <sub>RRF</sub>	Wall	1.61	W/m <sup>2</sup>		
	Roof	1.73	W/m <sup>2</sup>		
	Overall Average	1.63	W/m <sup>2</sup>		

ER = External Reflectance; SC = Shading coefficient & VLT = Visible Light Transmittance

\*\* Weighted by area

Notes :

- Please tick in the box as appropriate
- Window and skylight data should represent the major proportion of its use in the development.