

Appendix B
(PNAP APP-156)

OTTV of Resident's Recreational Facilities Summary Sheet

Address:		BD Ref. No.				
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 (5/F)				
Gross Floor Area		m ²				
Usable Floor Area		m ²				
Total External Wall Area (including windows)		449.20	m ²	Window to Wall Ratio		
Total Window Area		235.36	m ²	= 1 : 1.909		
Total Skylight Area		0 m ²				
**Weighted Average U-value	Opaque Wall	2.19 W/m ²				
	Window	5.914 W/m ²				
	Opaque Roof	N/A W/m ²				
	Skylight	N/A W/m ²				
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input checked="" type="checkbox"/> Tinted	Area= m ² 235.4	SC= 0.659	VLT= 52%	ER= 6%
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
External Shading	Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Skylight	Glass Type	<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 checked="" type="checkbox"/> No				
External Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
**Weighted Average Absorptivity	Wall	0.65				
	Roof	N/A				
**Weighted Average Density	Wall	432.6	kg/m ²			
	Roof	N/A	kg/m ²			
OTTV _{RRF}	Wall	51.23	W/m ²			
	Roof	N/A	W/m ²			
	Overall Average	51.23	W/m ²	/ < 56		

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.