



# OTTV of Resident's Recreational Facilities Summary Sheet

PNAP  
APP-156  
Appendix B

Address:		38 KAM SHEUNG ROAD, N.T. (CLUB HOUSE)				BD Ref. No.		219075/14	
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							
Gross Floor Area		103.359 m <sup>2</sup>							
Usable Floor Area		34.801 m <sup>2</sup>							
Total External Wall Area (including windows)		149.19 m <sup>2</sup>				Window to Wall Ratio			
Total Window Area		0 m <sup>2</sup>				=			
Total Skylight Area		0 m <sup>2</sup>							
**Weighted Average U-value	Opaque Wall	2.25 W/m <sup>2</sup>							
	Window	0 W/m <sup>2</sup>							
	Opaque Roof	0.46 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 checked="" 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 checked="" type="checkbox"/> No							
External Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
**Weighted Average Absorptivity	Wall	0.75							
	Roof	0.65							
**Weighted Average Density	Wall	314.4 kg/m <sup>2</sup>							
	Roof	399 kg/m <sup>2</sup>							
OTTV <sub>RRF</sub>	Wall	5.57 W/m <sup>2</sup>							
	Roof	2.92 W/m <sup>2</sup>							
	Overall Average	4.98 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.