



OTTV of Resident's Recreational Facilities  
Summary Sheet

PNAP  
APP-156  
Appendix B

Address		218 HAI TAN STREET, CHEUNG SHA WAN, NKIL6506 (SITEA)				BD Ref No 4048/09 (SITEA)	
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)		6					
Gross Floor Area		75.235 m <sup>2</sup>					
Usable Floor Area		52.036 m <sup>2</sup>					
Total External Wall Area (including windows)		1962.13 m <sup>2</sup>				Window to Wall Ratio	
Total Window Area		167.94 m <sup>2</sup>				= 0.0856	
Total Skylight Area		/ m <sup>2</sup>					
**Weighted Average U-value	Opaque Wall	1.870		W m <sup>2</sup>			
	Window	5.28		W m <sup>2</sup>			
	Opaque Roof	1.483		W m <sup>2</sup>			
	Skylight	/		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 checked="" type="checkbox"/> Clear	Area=	167.94 m <sup>2</sup>	SC=	0.92	VLT=
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sidelin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
Skylight NIL	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	0.3					
	Roof	0.58					
**Weighted Average Density	Wall	596.7 kg/m <sup>2</sup>					
	Roof	363.95 kg/m <sup>2</sup>					
OTTV <sub>1519</sub>	Wall	16.05 W m <sup>2</sup>					
	Roof	9.40 W m <sup>2</sup>					
	Overall Average	15.10				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.

VLT > 50%  
ER < 20%