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Appendix B
(PNAP APP-156)

OTTV of Resident's Recreational Facilities Summary Sheet

Date : 14 November 2018

Address : Tai Po Town Lot 213, No. 18 Fo Chun Road, Pak Shek Kok, Tai Po, N.T.		BD Ref. No. BD/9010/15	
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		2611.492 m ²	
Usable Floor Area		1379.069 m ²	
Tower External Wall Area (including windows)		1160.96 m ²	Window to Wall Ratio
Total Window Area		322.59 m ²	1 = 0.278
Total Skylight Area		125 m ²	
**Weighted Average U-value	Opaque Wall	2.394 W/m ²	
	Window	5.089 W/m ²	
	Opaque Roof	0.406 W/m ²	
	Skylight	4.536 W/m ²	
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ² SC= VLT= % ER= %
		<input type="checkbox"/> Tinted	Area= m ² SC= VLT= ER=
		<input checked="" type="checkbox"/> Clear (F1)	Area= 205.84m ² SC=0.94 VLT=88% ER=8%
		<input checked="" type="checkbox"/> Clear (F2)	Area= 116.75m ² SC=0.88 VLT=84% ER=8%
	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 ² SC= VLT= % ER= %
		<input type="checkbox"/> Tinted	Area= SC= VLT= ER=
		<input checked="" type="checkbox"/> Clear (F3)	Area= 40m ² SC=0.88 VLT=87% ER=8%
		<input checked="" type="checkbox"/> Clear (F4)	Area= 85m ² SC=0.74 VLT=78% ER=8%
	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	0.5	
	Roof	0.65	
**Weighted Average Density	Wall	2501 kg/m ²	
	Roof	2100 kg/m ²	
OTTV _{RRF}	Wall	36.98 W/m ²	
	Roof	18.66 W/m ²	
	Overall average	27.64 W/m ²	

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

ok < 90 W/m²

** Weighted by area

Note :

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