

RRF

(32) - B

OTTV of Resident's Recreational Facilities Summary Sheet

Appendix B

(PNAP APP-156)

Address:		BD Ref. No. BD 2 / 4032 / 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		117.173 m ²				
Usable Floor Area		92.134 m ²				
Total External Wall Area (including windows)		437.67 m ²	Window to Wall Ratio			
Total Window Area		120.73 m ²	0.28			
Total Skylight Area		m ²				
**Weighted Average U-value	Opaque Wall	3.24			W/m ²	
	Window	5.17			W/m ²	
	Opaque Roof				W/m ²	
	Skylight				W/m ²	
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input checked="" type="checkbox"/> Tinted	Area= m ²	SC=0.6	VLT=48 %	ER=5 %
		<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 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= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	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	0.8				
	Roof	0.8				
**Weighted Average Density	Wall	558.65			kg/m ²	
	Roof	4950.45			kg/m ²	
OTTV _{RRF}	Wall	51.30			W/m ²	
	Roof	2.37			W/m ²	
	Overall Average	37.87			W/m ²	

≤ 56 ✓

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

** Weighted by area

Notes :

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

(9/2014)

All louvers as shown in this report shall be adopted as clear glass, which the shading coefficient shall be 1. ✓

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Chan Kar Chun Louis
 Authorized Person
 Registered Architect (HK)