

### OTTV of Resident's Recreational Facilities Summary Sheet

Address: PROPOSED RESIDENTIAL DEVELOPMENT AT TSING YI TOWN LOT NO. 192				BD Ref. No. 2/9129/18		
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		122.762 m <sup>2</sup>				
Usable Floor Area		130.596 m <sup>2</sup>				
Total External Wall Area (including windows)		708.43 m <sup>2</sup>	Window to Wall Ratio			
Total Window Area		193.50 m <sup>2</sup>	1 = 3.66			
Total Skylight Area		N/A m <sup>2</sup>				
**Weighted Average U-value	Opaque Wall	2.07 W/m <sup>2</sup>				
	Window	4.89 W/m <sup>2</sup>				
	Opaque Roof	0.38 W/m <sup>2</sup>				
	Skylight	N/A 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= m <sup>2</sup> 193.50	SC= 0.85	VLT= 84 %	ER= 6 %
	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				
<del>Skylight</del>	<del>Glass Type</del>	<del><input type="checkbox"/> Reflective</del>	<del>Area= m<sup>2</sup></del>	<del>SC=</del>	<del>VLT= %</del>	<del>ER= %</del>
		<del><input type="checkbox"/> Tinted</del>	<del>Area= m<sup>2</sup></del>	<del>SC=</del>	<del>VLT= %</del>	<del>ER= %</del>
		<del><input type="checkbox"/> Clear</del>	<del>Area= m<sup>2</sup></del>	<del>SC=</del>	<del>VLT= %</del>	<del>ER= %</del>
	<del>Double Glazing</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>				
	<del>External Shading</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>				
	<del>External Shading</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>				
**Weighted Average Absorptivity	Wall	0.83				
	Roof	0.58				
**Weighted Average Density	Wall	615.25 kg/m <sup>2</sup>				
	Roof	520.3 kg/m <sup>2</sup>				
OTTV <sub>RRF</sub>	Wall	33.75 W/m <sup>2</sup>				
	Roof	2.18 W/m <sup>2</sup>				
	Overall Average	23.69 W/m <sup>2</sup>				

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.