

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

Address: TSEUNG KWAN O AREA 86, SITE I, TSEUNG KWAN O, NEW TERRITORIES - TKOTL 70R.P.					BD Ref. No.	
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		m <sup>2</sup>				
Usable Floor Area		m <sup>2</sup>				
Total External Wall Area (including windows)		1188.81	m <sup>2</sup>	Window to Wall Ratio		
Total Window Area		793.3	m <sup>2</sup>	= 0.67		
Total Skylight Area		0 m <sup>2</sup>				
**Weighted Average U-value	Opaque Wall	2.239	W/m <sup>2</sup>			
	Window	3.36	W/m <sup>2</sup>			
	Opaque Roof	0.51	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 checked="" type="checkbox"/> Tinted	Area= m <sup>2</sup> 177.96 156.13	SC= 0.60 0.65	VLT= 43 % 50 %	ER= 5 % 5 %
		<input checked="" type="checkbox"/> Clear	Area= m <sup>2</sup> 459.21	SC= 0.34	VLT= 51 %	ER= 18 %
	Double Glazing	<input checked="" type="checkbox"/> Yes <input 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 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	0.3				
**Weighted Average Density	Wall	442.6 kg/m <sup>2</sup>				
	Roof	159.95 kg/m <sup>2</sup>				
OTTV <sub>RRF</sub>	Wall	50.53 W/m <sup>2</sup>				
	Roof	4.3 W/m <sup>2</sup>				
	Overall Average	38.78 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.