

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

Address: <b>98 at Tai Ho Road, Tsuen Wan, N.T. TWTL417</b>				BD Ref. No. BD2/7944/01(CS)		
Building Type / Use :		Resident's Recreational Facilities				
OTTV calculated by		<input type="checkbox"/> 1. Registered Professional Engineers <input type="checkbox"/> 2. Architect <input checked="" type="checkbox"/> 3. Others, please specify : CLUBHOUSE PORTION AT A COMPOSITE BUILDING				
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)		2953.94	m <sup>2</sup>	Window to Wall Ratio		
Total Window Area		440.45	m <sup>2</sup>	= 1 : 0.149		
Total Skylight Area		m <sup>2</sup>				
**Weighted Average U-value	Opaque Wall	3.43	W/m <sup>2</sup>			
	Window	1.58	m <sup>2</sup> W/m <sup>2</sup>			
	Opaque Roof	0.4	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= 371.33 m <sup>2</sup>	SC= 0.38	VLT= 55 %	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 <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				
**Weighted Average Absorptivity	Wall	0.9				
	Roof	0.9				
**Weighted Average Density	Wall	1860 kg/m <sup>2</sup>				
	Roof	1860 kg/m <sup>2</sup>				
OTTV <sub>RRF</sub>	Wall	17.39 W/m <sup>2</sup>				
	Roof	3.51 W/m <sup>2</sup>				
	Overall Average	15.46 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.