

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

Address: Shouson Hill Road West Rural Building LOT No. 1198					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 174.98 m <sup>2</sup>						
Usable Floor Area 174.98 m <sup>2</sup>						
Total External Wall Area (including windows) 598.21 m <sup>2</sup>			Window to Wall Ratio			
Total Window Area 0 m <sup>2</sup>						
Total Skylight Area 0 m <sup>2</sup>						
**Weighted Average U-value	Opaque Wall		2.89 W/m <sup>2</sup>			
	Window		W/m <sup>2</sup>			
	Opaque Roof		0.54 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 type="checkbox"/> Clear	Area= m <sup>2</sup>	SC=	VLT= %	ER= %
	Double Glazing		<input type="checkbox"/> Yes <input type="checkbox"/> No			
	External Shading		Overhang <input type="checkbox"/> Yes <input type="checkbox"/> No Sidefin <input type="checkbox"/> Yes <input 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		0.65			
	Roof		0.65			
**Weighted Average Density	Wall		823.00 kg/m <sup>2</sup>			
	Roof		467.95 kg/m <sup>2</sup>			
OTTV <sub>RRF</sub>	Wall		3.57 W/m <sup>2</sup>			
	Roof		3.41 W/m <sup>2</sup>			
	Overall Average		3.54 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.