

OTTV of Resident's Recreational Facilities Summary Sheet

Address :		West Rail Long Ping (South) Station Property Development at Yuen Long Town Lot no. 512, Yuen Long N.T.				BD Ref. No. BD 2/7803/11	
Building Type / Use:		Resident's Recreational Facilities					
OTTV calculated by		<input checked="" type="checkbox"/> 1. Registered Professional Engineers (Building Services/Mechanical) <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)		3					
Gross Floor Area		1890.307 m ²					
Usable Floor Area		423.263 m ²					
Total External Wall Area (including windows)		864.61m ²				Window to Wall Ratio = 1 : 1.84	
Total Window Area		469.586 m ²					
Total Skylight Area		0 m ²					
*Weighted Average U-value	Opaque Wall	3.55 W/m ²					
	Window	5.25 W/m ²					
	Opaque Roof	1.94 W/m ²					
	Skylight	0 W/m ²					
Window	Glass Type	<input type="checkbox"/> Reflective	Area = m ²	SC =	VLT = %	ER = %	
		<input checked="" type="checkbox"/> Tinted	Area = 469.59 m ²	SC = 0.53	VLT = 50 %	ER = 15 %	
		<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 = %	
	Doubling Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No					
**Weighted Average Absorptivity	Wall	0.91					
	Roof	0.65					
**Weighted Average Density	Wall	791.19 kg/m ²					
	Roof	606.4 kg/m ²					
OTTV _{RRF}	Wall	54.43 W/m ²					
	Roof	12.10 W/m ²					
	Overall average	40.67 W/m ²					

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.