

OTTV of Resident's Recreational Facilities Summary Sheet

Address:		23 Jupiter Street, North Point, HK		BD Ref. No.		2/3050/10(1)	
Building Type / Use		Resident's Recreational Facilities					
OTTV calculated by		<input type="checkbox"/> 1. Registered Professional Engineers					
		<input checked="" 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 Storey					
Gross Floor Area		m ²					
Usable Floor Area		m ²					
Total External Wall Area (including windows)		430.14 m ²		Window to Wall Ratio			
Total Window Area		184.34 m ²		= 1 : 1.33			
Total Skylight Area		0 m ²					
**Weighted Average U-value	Opaque Wall	3.01 W/m ²					
	Window	5.08 W/m ²					
	Opaque Roof	0.59 W/m ²					
	Skylight	W/m ²					
Window	Glass Type	<input type="checkbox"/> Reflective	Area = m ²	SC =	VLT = %	ER% = %	
		<input type="checkbox"/> Tinted	Area = m ²	SC =	VLT = %	ER% = %	
		<input checked="" type="checkbox"/> Clear	Area = 184.34 m ²	SC = 0.91	VLT = 87 %	ER% = 7 %	
		<input type="checkbox"/> IGU	Area = m ²	SC =	VLT = %	ER% = %	
	Double Glazing	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				
	External Shading	<input type="checkbox"/> Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			
<input type="checkbox"/> 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% = %	
		<input type="checkbox"/> IGU	Area = m ²	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	0.42					
	Roof	0.65					
**Weighted Average Density	Wall	550.25 kg/m ²					
	Roof	2047.36 kg/m ²					
OTTV _{RRF}	Wall	55.32 W/m ²					
	Roof	3.48 W/m ²					
	Overall Average	48.19 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.