

OTTV of Resident's Recreational Facilities Summary Sheet

Address		Proposed residential development at Tsing Ha Lane, Area 20, Tuen Mun, New Territories, Tuen Mun Town Lot No. 516				BD Ref. No.			
Building Type		Resident's Recreational Facilities							
OTTV calculated by		1. Registered Professional Engineer							
		<input checked="" type="checkbox"/> 2. Architect							
		3. Others, please specify :							
Classification		<input checked="" type="checkbox"/> Podium /		<input type="checkbox"/> Tower					
No. of Storeys (RRF)		1							
Gross Floor Area (Total)		m ²							
Usable Floor Area (Total)		m ²							
Total External Wall Area (including windows)		1696.28 m ²		Window to Wall Ratio					
Total Window Area		328.88 m ²		= 1.0 : 5.2					
Total Skylight Area		0.00 m ²							
**Weighted Average U-value	Opaque Wall	3.14 W/m ² K							
	Window	5.41 W/m ² K							
	Opaque Roof	0.50 W/m ² K							
	Skylight	0.00 W/m ² K							
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 =	328.88 m ²	SC =	0.97	VLT =	0.9	ER=
	Double Glazing	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				
	External Glazing	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=		
	Double Glazing	<input type="checkbox"/> Yes	<input type="checkbox"/> No						
	External Glazing	<input type="checkbox"/> Yes	<input type="checkbox"/> No						
**Weighted Average Absorptivity	Wall	0.91							
	Roof	0.98							
**Weighted Average Density	Wall	457.02 kg/m ²							
	Roof	783.45 kg/m ²							
OTTV	Wall	36.28 W/m ²							
	Roof	3.87 W/m ²							
	Overall average	27.25 W/m ²							

ER = External Reflectance; SC = Shading Coeff VLT = Visible Light Transmittance

**Weighted by Area

Note:

1. Please tick in box as appropriate
2. Window and skylight data should represent the major proportion of its use in the development