

OTTV of Resident's Recreational Facilities Summary Sheet

Address: PROPOSED COMMERCIAL/RESIDENTIAL ON I.L.4549, I.L.4550, I.L.4551 R.P., I.L. 4552 R.P., I.L. 4553, I.L. 4554 AND I.L. 4555 AT NO. 160 QUEEN'S ROAD WEST HONG KONG						BD Ref. No. 2/2034/18	
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		195.070 m ²					
Usable Floor Area		85.178 m ²					
Total External Wall Area (including windows)		361.80 m ²		Window to Wall Ratio			
Total Window Area		80.31 m ²		1 = 4.51			
Total Skylight Area		N/A m ²					
**Weighted Average U-value		Opaque Wall		2.90 W/m ²			
		Window		5.15 W/m ²			
		Opaque Roof		0.38 W/m ²			
		Skylight		N/A 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 F1 F2	Area= m ² 66.33 1398	SC= 0.79 0.56	VLT= 62 40	ER= 7 20	
	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= %	
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No					
**Weighted Average Absorptivity	Wall	0.81					
	Roof	0.58					
**Weighted Average Density	Wall	596.81 kg/m ²					
	Roof	520.30 kg/m ²					
OTTV _{RRF}	Wall	30.03 W/m ²					
	Roof	2.18 W/m ²					
	Overall Average	16.49 W/m ²					

ER = External Reflectance; SC = Shading coefficient & VLT = Visible Light Transmittance

** Weighted by area

Notes :

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

RRF