OTTV Summary Sheet

Address :			BD Ref. No. 2/4105/08
Building Type		☐ 1. Hotel	
		☐ 2. Office (including industrial/office)	
		☐ 3. Shops	
		☑ 4. Others*, please specify : Commercial Building	
OTTV calculated by		☐ 1. Registered Professional Engineers (Building Services/Mechanical)	
		☑ 2. Architect	
		☐ 3. Others, please specify :	

Classification		Podium		Tower	
Designated Use		☐ 1. Shops ☐ 4. Cinema		☐ 1. Office	
		☐ 2. Offices ☐ 5. Plant Rooms		☐ 2. Hotel Rooms	
		☐ 3. Restaurants ☐ 6. Others		☑ 3. Others	
No. of Storeys (excluding ground floor)				14	
Gross Floor Area		m²		4293.016	m²
Usable Floor Area		m²		2142.455	m²
Total External Wall Area (including windows)		m²	window to wall ratio	4201.9 m²	window to wall ratio
Total Window Area		m² = :		997.79 m²	= 1 : 4.21
Total Skylight Area		m²		27.28	m²
*Weighted Average U-value (W/m² K)	Opaque Wall	W/m² K		2.54	W/m² K
	Window	W/m² K		1.74	W/m² K
	Opaque Roof	W/m² K		0.57	W/m² K
	Skylight	W/m² K		5.3	W/m² K
Window	Glass Type	☐Reflective, Area = m², SC = VLT =		☐Reflective, Area = m², SC = VLT =	
		☐Tinted, Area = m², SC= VLT =		☑Tinted, Area = 990.7 m², SC= 0.36 0.46 VLT = 0.69 0.4	
		☐Clear, Area = m², SC= VLT =		☐Clear, Area = m², SC= VLT =	
	Double Glazing	☐ Yes ☐ No		☑ Yes ☐ No	
	External Shading	Overhang ☐ Yes ☐ No		Overhang ☑ Yes ☐ No	
		Sidefin ☐ Yes ☐ No		Sidefin ☑ Yes ☐ No	
Skylight	Glass Type	☐ Reflective, Area = m², SC = VLT =		☐Reflective, Area = m², SC = VLT =	
		☐ Tinted, Area = m², SC= VLT =		☐Tinted, Area = m², SC = VLT =	
		☐ Clear, Area = m², SC= VLT =		☑Clear, Area = 27.28 m², SC= 0.9 VLT = 0.87	
	Doubling Glazing	☐ Yes ☐ No		☑ Yes ☐ No	
	External Shading	☐ Yes ☐ No		☐ Yes ☑ No	
**Weighted Average Absorptivity	Wall			0.57	
	Roof			0.81	
**Weighted Average Density	Wall	kg/m²		432.64	kg/m²
	Roof	kg/m²		400.64	kg/m²
OTTV	Wall	W/m²		23.5	W/m²
	Roof	W/m²		19.9	W/m²
	Overall average	W/m²		23.13	W/m²

Additional information/views on energy efficiency control :

SC = Shading Coefficient   VLT = Visible Light Transmittance

*Other commercial buildings may include : department stores, places of public entertainment, places of public assembly, restaurants etc.

**Weighted by area

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