OTTV Summary Sheet

Address : NOS. 398-402 KWUN TONG ROAD, KWUN TONG, KOWLOON				BD Ref. No. 2-3/4016/78/6	
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)		3		9	
Gross Floor Area		6802.087 m²		159658.7 m²	
Usable Floor Area		4307.212 m²		10243.25 m²	
Total External Wall Area (including windows)		2558.04 m²	window to wall ratio	5147.79 m²	window to wall ratio
Total Window Area		652.51 m²	= 1: 4.1	2234.84 m²	= 1:2.3
Total Skylight Area		0 m²		0 m²	
*Weighted Average U-value (W/m² K)	Opaque Wall	2.19 W/m² K		2.19 W/m² K	
	Window	W/m² K		W/m² K	
	Opaque Roof	0.58 W/m² K		0.58 W/m² K	
	Skylight	W/m² K		W/m² K	
Window	Glass Type	☑ Tempered, Area = 652.51m², SC =0.32 VLT =		☑ Tempered, Area = 2334.84m², SC =0.33 VLT=	
		☐Tinted, Area = m², SC= VLT =		☐Tinted Area = m², SC= VLT =	
		☐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 = m², SC= VLT =	
	Doubling Glazing	☐ Yes ☐ No		☐ Yes ☐ No	
	External Shading	☐ Yes ☐ No		☐ Yes ☐ No	
**Weighted Average Absorptivity	Wall	0.31		0.31	
	Roof	0.30		0.30	
**Weighted Average Density	Wall	452.28 kg/m²		443.28 kg/m²	
	Roof	522.35 kg/m²		522.35 kg/m²	
OTTV	Wall	14.98 W/m²		19.51 W/m²	
	Roof	3.66 W/m²		3.66 W/m²	
	Overall average	14.27 W/m²		16.01 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.