



OTTV of Resident's Recreational Facilities Summary Sheet

PNAP
APP-156
Appendix B

Address: Proposed Composite Development At N.K.I.L. 6534, Junction of Fuk Wing Street, Camp Street & Fuk Wa Street, Sham Shui Po, Kowloon		BD Ref. No. 9054/16		
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)		3(G/F to 2/F)		
Gross Floor Area		Refer to GBP submission m ²		
Usable Floor Area		Refer to GBP submission m ²		
Total External Wall Area (including windows)		903.6 m ²	Window to Wall Ratio	
Total Window Area		678.3 m ²	= 0.75	
Total Skylight Area		- m ²		
**Weighted Average U-value	Opaque Wall	2.913	W/m ²	
	Window	1.58	W/m ²	
	Opaque Roof	2.2	W/m ²	
	Skylight	-	W/m ²	
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ² SC= VLT= % ER= %	
		<input checked="" type="checkbox"/> Tinted	Area= 652.5 m ² SC= 0.659 VLT= 52 % ER= 6 %	
		<input checked="" type="checkbox"/> Clear	Area= 25.8 m ² SC= 0.81 VLT= 84 % ER= 8 %	
	Double Glazing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	External Shading	Overhang	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		Sidewall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m² SC= VLT= % ER= %	
		<input type="checkbox"/> Tinted	Area= m² SC= VLT= % ER= %	
		<input type="checkbox"/> Clear	Area= m² SC= VLT= % ER= %	
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No		
**Weighted Average Absorptivity	Wall	0.4		
	Roof	0.58		
**Weighted Average Density	Wall	140	kg/m ²	
	Roof	729.00	kg/m ²	
OTTV _{RRF}	Wall	71.35	W/m ²	
	Roof	10.12	W/m ²	
	Overall Average	54.33	W/m ²	

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 ** Weighted by area
 Window and skylight data should represent the major proportion of its use in the development.