

Appendix B
(PNAP APP-156)

OTTV of Resident's Recreational Facilities Summary Sheet

Address: 75 PEAK ROAD, THE PEAK, HONG KONG RBL 670 SA				BD Ref. No. 2/2023/16		
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)		2				
Gross Floor Area		1085.729 m ²				
Usable Floor Area		592.942 m ²				
Total External Wall Area (including windows)		881.89 m ²		Window to Wall Ratio		
Total Window Area		242.62 m ²		= 0.275		
Total Skylight Area		m ²				
**Weighted Average U-value	Opaque Wall	1.78		W/m ²		
	Window	1.57		W/m ²		
	Opaque Roof	0.45		W/m ²		
	Skylight	N/A		W/m ²		
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input checked="" type="checkbox"/> Tinted	Area= 242.62 m ²	SC= 0.4	VLT= 58 %	ER= 16 %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input checked="" type="checkbox"/> Yes <input 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	0.58				
	Roof	0.75				
**Weighted Average Density	Wall	543.8 kg/m ²				
	Roof	447.9 kg/m ²				
OTTV _{RRF}	Wall	20.00 W/m ²				
	Roof	3.25 W/m ²				
	Overall Average	16.79 W/m ²				

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

** Weighted by area

Notes :

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