



OTTV of Resident's Recreational Facilities Summary Sheet

PNAP
APP-156
Appendix B

Address: <i>Proposed Residential Development at R.B.L. No. 540 (R.P.), 8 & 8A Pollock's Path, The Peak, Hong Kong</i>		BD Ref. No.				
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		60.91 m ²				
Usable Floor Area		m ²				
Total External Wall Area (including windows)		119.61 m ²				
Total Window Area		0 m ²				
Total Skylight Area		4.61 m ²				
**Weighted Average U-value	Opaque Wall	1.45 W/m ²				
	Window	0 W/m ²				
	Opaque Roof	0.4 W/m ²				
	Skylight	5.05 W/m ²				
Window	Glass Type	<input type="checkbox"/> Reflective	Area= 0 m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= 0 m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= 0 m ²	SC=	VLT= %	ER= %
	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 checked="" type="checkbox"/> Clear	Area= 4.603 m ²	SC= 0.7	VLT= 87 %	ER= 8 %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
External Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
**Weighted Average Absorptivity	Wall	0.47				
	Roof	0.65				
**Weighted Average Density	Wall	769.25 kg/m ²				
	Roof	362.75 kg/m ²				
OTTV _{RRF}	Wall	1.3 W/m ²				
	Roof	17.2 W/m ²				
	Overall Average	6.67 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.