



OTTV of Resident's Recreational Facilities
Summary Sheet

2/9/14/15 (RT-IV)
f 44

PNAP
APP-156
Appendix B

Address: Lok Wo Sha Lane, Ma On Shan, N.T. on S.T.T.L. 605 (Tower 1)		BD Ref. No. 2/9144/15				
Building Type / Use :		Resident's Recreational Facilities				
OTTV calculated by		<input type="checkbox"/> 1. Registered Professional Engineers <input checked="" type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify:				
Classification		<input type="checkbox"/> Podium / <input checked="" type="checkbox"/> Tower				
No. of Storeys (RRF)		4				
Gross Floor Area		20987.202 m ²				
Usable Floor Area		11427.804 m ²				
Total External Wall Area (including windows)		591.20 m ²	Window to Wall Ratio			
Total Window Area		109.73 m ²	= 0.186			
Total Skylight Area		0 m ²				
**Weighted Average U-value	Opaque Wall	3.80 W/m ²				
	Window	4.32 W/m ²				
	Opaque Roof	0.44 W/m ²				
	Skylight	NA W/m ²				
Window	Glass Type	<input checked="" type="checkbox"/> Tinted (type 1)	Area= 70.32 m ²	SC= 0.58	VLT= 41.9 %	ER= 5.11 %
		<input checked="" type="checkbox"/> Tinted (type 2)	Area= 26.69 m ²	SC= 0.47	VLT= 71 %	ER= 11 %
		<input checked="" type="checkbox"/> Clear (type 1)	Area= 8.93 m ²	SC= 0.86	VLT= 85 %	ER= 7 %
		<input checked="" type="checkbox"/> Clear (type 2)	Area= 3.78 m ²	SC= 0.92	VLT= 88 %	ER= 6.9 %
	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	0.74				
	Roof	0.59				
**Weighted Average Density	Wall	322.05 kg/m ²				
	Roof	625.69 kg/m ²				
OTTV _{RRF}	Wall	30.16 W/m ²				
	Roof	2.48 W/m ²				
	Overall Average	23.95 W/m ²				

24 W/m²

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.