



OTTV of Resident's Recreational Facilities Summary Sheet

PNAP
APP-156
Appendix **B**

Address: Proposed Residential Development at Tin Shui Wai Town Lot 33 (Retail at T5A T3A)						BD Ref. No. BD 2/9124/14				
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)		1 (G/F at Towers 5A & 3A)								
Gross Floor Area		m ²								
Usable Floor Area		m ²								
Total External Wall Area (including windows)		873.64 m ²		Window to Wall Ratio						
Total Window Area		479.49 m ²		= 54%						
Total Skylight Area		0 m ²								
**Weighted Average U-value	Opaque Wall	4.1 W/m ²								
	Window	5.52 W/m ²								
	Opaque Roof	0.48 W/m ²								
	Skylight	0 W/m ²								
Window	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=	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							
			Sidelin <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 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	0.75								
	Roof	0.92								
**Weighted Average Density	Wall	439.5 kg/m ²								
	Roof	779.25 kg/m ²								
OTTV _{RRF}	Wall	72.7 W/m ²								
	Roof	3.48 W/m ²								
	Overall Average	44.32 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.