

OTTV of Resident's Recreational Facilities Summary Sheet

Address: THE PROPOSED RESIDENTIAL DEVELOPMENT AT LOHAS PARK, PACKAGE EIGHT, TSEUNG KWAN O TOWN LOT NO. 70RP, SITE H		BD Ref. No. 2/7195/97/5(H)				
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		3270.996 m ²				
Usable Floor Area		1696.833 m ²				
Total External Wall Area (including		4479.47m ²	Window to Wall Ratio = 0.194			
Total Window Area		870.92m ²				
Total Skylight Area		0 m ²				
**Weighted Average U-value	Opaque Wall	3.88 W/m ²				
	Window	5.11 W/m ²				
	Opaque Roof	0.4W/m ²				
	Skylight	0 W/m ²				
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input checked="" type="checkbox"/> Tinted	Area= 57.4 m ²	SC=0.69	VLT=48 %	ER=5 %
		<input checked="" type="checkbox"/> Clear	Area= 552.3m ²	SC=0.79	VLT=80 %	ER=8 %
		<input checked="" type="checkbox"/> Clear	Area= 261.2m ²	SC=0.85	VLT=83 %	ER=6 %
	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				
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No				
**Weighted Average Absorptivity	Wall	0.65				
	Roof	0.9				
**Weighted Average Density	Wall	402.75kg/m ²				
	Roof	503.16kg/m ²				
OTTV _{RRF}	Wall	31.88 W/m ²				
	Roof	3.51 W/m ²				
	Overall Average	18.67 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.

(9/2014)