

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Proposed Composite Building at No. 22 Davis Street, H.K. ON I.L. 905 s.A.ss.11R.P.,s.A ss.11s.A&s.A R.P.					BD Ref. No. BD 2/2026/18	
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				
Gross Floor Area		m ²				
Usable Floor Area		m ²				
Total External Wall Area (including windows)		290.22	m ²	Window to Wall Ratio		
Total Window Area		6.20	m ²	= 1 : 46.82		
Total Skylight Area		0 m ²				
**Weighted Average U-value	Opaque Wall	2.40	W/m ²			
	Window	4.84	W/m ²			
	Opaque Roof	0.39	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= m ² 4.46 1.74	SC= 0.60 0.71	VLT= 48% 56%	ER= 5% 6%
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	(Gym room) <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Accessible toilet)				
	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= m²	SC=	VLT= %
<input type="checkbox"/> Tinted			Area= m²	SC=	VLT= %	ER= %
<input type="checkbox"/> Clear			Area= m²	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	0.74				
	Roof	0.75				
**Weighted Average Density	Wall	289.34	kg/m ²			
	Roof	488.8	kg/m ²			
OTTV _{RRF}	Wall	9.22	W/m ²			
	Roof	2.83	W/m ²			
	Overall Average	7.97	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.