

Notes:
ER = External Reflectance
SC = Shading Coefficient
VLT = Visible Light Transmittance
Window and skylight data should represent the major proportion

PNAP **APP-156**

Address: Area 2	a, Discovery Bay, R.P. of Lot No. 385 & Extensions thereto in D.D. 352 Lantau Island	BD Ref. No. BD 2/9215/14						
Building Type:	Residential							
RTTV calculated by	Registered Professional Engineers							
	2. Architect							
	3. Others, please specify:							
No. of Storeys (Residential Units)	2							

able 1												
			Deemed to Satisfy RTTV _{weet}									
Facade Orientation Facing												
Average Absorptivity												
Average Window to Wall Ratio												
Shading Coefficient of Glazing												
Average Shading Coefficient of Facade												
Visible Light Transmittance	%	%	%	%	%	%	%	*6				
External Reflectance	%	%	%	%	%	%	%	%				

Table 2																	
								RTT	V _{WSII}				THE STATE OF				100
Facade Orientation NE			sw				SE				NW						
Wall Orientation Factor		0.924				1.092				1.051				0.965			
Total External Wall Area (Residential Units)		64.	.9 m	Window to Wall Ratio 0.75		53.6 ™		Ratio		92.1 m² Window to Wall Ratio = 0.24		Ratio		55.9 m²		Window to Wall Ratio	
Total Window Factor		48.	5 m			17	.4 m· -0.33		8.9 m² - 0.16			16					
Heat Conduction	Opaque Wall		0.9	14	W/m²		2	.93	W/m²		3	.18	W/m²		3.	.23	W/m²
	Window		0.7	8	W/m*		0	.40	W/m²		0	.28	W/m²		0.	.17	W/m²
	Glass Type	Reflective	Area= m*	SC=	VLT= %	Reflective	Area= m³	SC=	VLT= % ER= %	Reflective	Area= m²	SC=	VLT= % ER= %	Reflective	Area= m²	SC=	VLT= %
		Tinted	Area= m*	SC=	VLT= % ER= %	☐ Tinted	Area= m³	SC=	VLT= %	Tinted	Area= m ⁴	SC=	VLT= %		Area=	SC=	VLT= >
		Clear	Area= 48.5m²	SC= 0.44	VLT= 55 % ER= 18 %	Clear	Area= 22.7ms	SC= 0.44	VLT= 55 % ER= 18 %		Area≃ 21.8m²	SC= 0.44	VLT= 55 % ER= 18 %		Area= 8.9 m²	SC= 0.44	VLT= 55 °
	Double Glazing	Yes No			Yes No			Yes No				Yes No					
	External Shading	Overhang	. 1	Yes	No	Overhan		Yes	☐ No	Overhan	9	Yes	☐ No	Overhang		Yes	No No
Solar Radiation through		Sidefin	40	Yes	No No	Sidefin		Yes	No.	Sidefin		Yes	No No	Sidefin	2.0	Yes	No No
Glazing		12.24 W/m²		6.22 W/m²		1.01											
Average Absorptivity			0.5		0.5		0.5			0.5							
RTTV _{Woll} at	each facade		13.9	95	W∤m²		9	.56	W/m²		7.	97	W/m²		6.2	21	W/m²
Overall RTT	V _{Wall}								9.3	38 w	m²						

Table 3											
	THE PARTY OF THE PARTY.	Control of the Control		RTTVR	901					P TOTAL	
Roof Oriental	ion Factor			2.16	6						
Total Roof Area (Residential Units)				79.2	2	m²					
Total Skylight	Area			1		m²					
Heat Roof		2.28 W/m²									
Conduction	Skylight	/ Wim*									
Skylight	Glass Type	Reflective	Area=	m*	SC=		VLT=	%	ER=	%	
		Tinted	Area=	mª	SC=		VLT=	%	ER=	%	
		Clear	Area=	m²	sc-		VLT=	%	ER=	%	
	Double Glazing	☐ Yes ☐ No									
	External Shading	Yes No									
Solar Radiati	on through Glazing				1	W/m²					
Average Abs	orptivity (roof)			0	.68				- Andrews - Andrews		
Overall RTTV _{Roof}				2	.28	W/m*					

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Matters to Note

Any person making a false declaration or misrepresenting a material fact shall be guilty of a criminal offence and subject to prosecution.

A. Personal Data

- Purposes of Collection

 1. The personal data provided by means of this form will be used by the Buildings Department for the following purposes:
 (a) activities relating to the processing of your submission in this form;
 (b) activities relating to the above proposed works, and administration of the Buildings Ordinance and other legislations; and
 (c) facilitating communication between the Buildings Department and yourself.
- 2. It is obligatory for you to provide the information as required in the form. If you fail to provide the required data, delay may be caused in processing of your

Classes of Transferees

The personal data you provided by means of this form may be disclosed to other government departments, bureaux, organisations or any persons for the purposes mentioned in paragraph 1 above.

Access to Personal Data

4. You have the right of access and correction with respect to the personal data as provided under the Personal Data (Privacy) Ordinance. The Buildings Department has the right to charge a reasonable fee for the processing of any data access request. Request for personal data access and correction should be addressed to the Buildings Department.

B. Completion of Form

- 1. Please ensure that all relevant parts of the form are duty completed. Please enclose all supporting documents.
- 2. If incomplete or erroneous information is provided in the form, the Buildings Department may not be able to process the submission
- 3. Enquiries regarding this form should be addressed to the Buildings Department.

C. Submission Methods

1. By Post / In Person - This form together with the relevant documents shall be posted to or submitted in person to the Buildings Department

General Enquiry and Receipt Counter, G/F, Buildings Department Headquarters, North Tower, West Kowloon Government Offices, 11 Hoi Ting Road, Yau Ma

For other submissions to the New Buildings Division:

Receipt & Despatch Counter, Buildings Department, 7/F, 14 Taikoo Wan Road, Taikoo Shing, Hong Kong.

D. Contact Details

Buildings Department

buisings Department
Address: Buildings Department Headquarters, North Tower, West Kowloon Government Offices, 11 Hoi Ting Road, Yau Ma Tei, Kowloon
Tei No.: 2629 1616 (handled by "1623")
Fax No.: 2637 4992

Email: enquiry@bd.gov.hk