

↓ 下載初稿 Download Draft

🖨 列印 Print

↺ 重設 Reset

💾 儲存 Save

✅ 提交 Submit

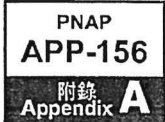


住宅熱傳送值的摘要匯表 RTTV Summary Sheet

請在適當的方格內填上「✓」號。
please tick in box as appropriate.

Notes:
ER = External Reflectance
SC = Shading Coefficient
VLT = Visible Light Transmittance
Window and skylight data should represent the major proportion of its use in the development.

註:
ER = 外部反射率
SC = 遮光係數
VLT = 可見光透射率
應以發展項目中使用比例最高的窗戶和天窗的資料為準。



電郵地址
E-mail Address

① 在接收電郵之月 (電子呈交適用)
For acknowledgement email (e-submission)

地址
Address: No. 73-73E Caine Road, Hong Kong

屋宇署編號
BD Ref. No. BD 2/2085/10

建築物類型:
Building Type: 住宅
Residential

住宅熱傳送值計算者
RTTV calculated by

1. 註冊專業工程師
1. Registered Professional Engineers

2. 建築師
2. Architect

3. 其他，請註明:
3. Others, please specify:

層數 (住宅單位)
No. of Storeys
(Residential Units) 24

表 1 Table

當作符合牆壁住宅熱傳送值 Deemed to Satisfy RTTV _{wall}									
外牆朝向方位 Facade Orientation Facing									
平均吸光率值 Average Absorptivity									
窗戶與牆壁的平均比例 Average Window to Wall Ratio									
玻璃遮光係數 Shading Coefficient of Glazing									
外牆的平均遮光係數 Average Shading Coefficient of Facade									
可見光透射率 Visible Light Transmittance	%	%	%	%	%	%	%	%	%
外部反射率 External Reflectance	%	%	%	%	%	%	%	%	%

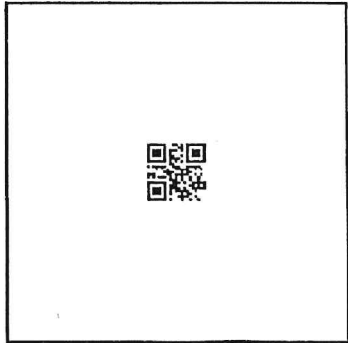


表 2 Table 2

綠建築住宅熱傳送值 RTTV _{Wall}																					
外觀朝向方位 Facade Orientation Facing		SW				NW				NE				SE							
牆面方位系數 Wall Orientation Factor		1.092				0.965				0.924				1.051							
外牆總面積 (住宅單位) Total External Wall Area (Residential Units)		1191.89 平方米 m ²		窗戶與牆面的比例 Window to Wall Ratio = 0.44		718.68 平方米 m ²		窗戶與牆面的比例 Window to Wall Ratio = 0		1221.30 平方米 m ²		窗戶與牆面的比例 Window to Wall Ratio = 0.44		645.74 平方米 m ²		窗戶與牆面的比例 Window to Wall Ratio = 0.01					
窗戶總面積 Total Window Area		523.78 m ²		0 m ²		0 m ²		541.88 m ²		7.56 m ²		7.56 m ²		7.56 m ²		7.56 m ²					
熱傳導 Heat Conduction	不透光牆 Opaque Wall	6.38 瓦特/平方米 W/m ²				6.16 瓦特/平方米 W/m ²				5.35 瓦特/平方米 W/m ²				6.63 瓦特/平方米 W/m ²							
	窗戶 Window	0.53 瓦特/平方米 W/m ²				0 瓦特/平方米 W/m ²				0.45 瓦特/平方米 W/m ²				0.01 瓦特/平方米 W/m ²							
窗戶 Window	玻璃類型 Glass Type	<input checked="" type="checkbox"/> 反射性 Reflective	面積 Area= 523.78 平方米 m ²	SC= 0.34	VLT= 53 %	ER= 12 %	<input type="checkbox"/> 反射性 Reflective	面積 Area= m ²	SC= %	VLT= %	ER= %	<input checked="" type="checkbox"/> 反射性 Reflective	面積 Area= 541.88 平方米 m ²	SC= 0.34	VLT= 53 %	ER= 12 %	<input checked="" type="checkbox"/> 反射性 Reflective	面積 Area= 7.56 平方米 m ²	SC= 0.34	VLT= 53 %	ER= 12 %
		<input type="checkbox"/> 有色 Tinted	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %	<input type="checkbox"/> 有色 Tinted	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %	<input type="checkbox"/> 有色 Tinted	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %	<input type="checkbox"/> 有色 Tinted	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %
		<input type="checkbox"/> 透明 Clear	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %	<input type="checkbox"/> 透明 Clear	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %	<input type="checkbox"/> 透明 Clear	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %	<input type="checkbox"/> 透明 Clear	面積 Area= 平方米 m ²	SC= %	VLT= %	ER= %
	雙層玻璃 Double Glazing	<input checked="" type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				<input type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				<input checked="" type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				<input checked="" type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No							
外牆光物 External Shading	外懸伸建物 Overhang	<input checked="" type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				<input type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				<input checked="" type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				<input checked="" type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No							
	側懸伸建物 Sidefin	<input type="checkbox"/> 有 Yes <input checked="" type="checkbox"/> 無 No				<input type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				<input type="checkbox"/> 有 Yes <input checked="" type="checkbox"/> 無 No				<input type="checkbox"/> 有 Yes <input checked="" type="checkbox"/> 無 No							
穿透玻璃的太陽輻射量 Solar Radiation through Glazing		6.53 瓦特/平方米 W/m ²				0 瓦特/平方米 W/m ²				5.56 瓦特/平方米 W/m ²				0.19 瓦特/平方米 W/m ²							
平均吸熱率 Average Absorptivity		0.9				0.9				0.9				0.9							
窗戶外牆的 綠建築住宅熱傳送值 RTTV _{Wall} at each facade		13.44 瓦特/平方米 W/m ²				6.16 瓦特/平方米 W/m ²				11.36 瓦特/平方米 W/m ²				6.83 瓦特/平方米 W/m ²							
綠建築住宅熱傳送值 Overall RTTV _{Wall}		10.25 瓦特/平方米 W/m ²								瓦特/平方米 W/m ²											

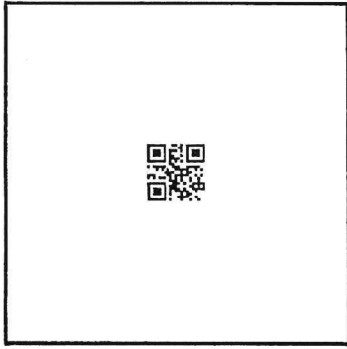



表 3 Table 3

屋頂住宅熱傳送值 RTTV _{Roof}						
屋頂方位系數 Roof Orientation Factor		2.16				
屋頂總面積 (住宅單位) Total Roof Area (Residential Units)		153.05			平方米 m ²	
天窗總面積 Total Skylight Area		0			平方米 m ²	
熱傳導 Heat Conduction	屋頂 Roof	3.53			瓦特/平方米 W/m ²	
	天窗 Skylight	0			瓦特/平方米 W/m ²	
天窗 Skylight	玻璃類型 Glass Type	<input type="checkbox"/> 反射性 Reflective	面積 = Area =	平方米 m ²	SC =	VLT = % ER = %
		<input type="checkbox"/> 有色 Tinted	面積 = Area =	平方米 m ²	SC =	VLT = % ER = %
		<input type="checkbox"/> 透明 Clear	面積 = Area =	平方米 m ²	SC =	VLT = % ER = %
	雙層玻璃 Double Glazing	<input type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				
	外遮光物 External Shading	<input type="checkbox"/> 有 Yes <input type="checkbox"/> 無 No				
穿透玻璃的太陽輻射量 Solar Radiation through Glazing		0			瓦特/平方米 W/m ²	
平均吸熱率 (屋頂) Average Absorptivity (roof)		0.9				
總屋頂住宅熱傳送值 Overall RTTV _{Roof}		3.53			瓦特/平方米 W/m ²	

簽署*
Signature*

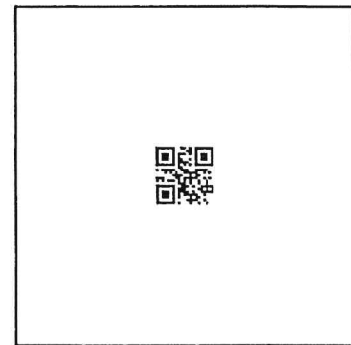

YAU KIN PUI

REGISTERED PROFESSIONAL ENGINEER

任何失實核證或聲明可引致法律行動。***
Any false certification or declaration
may be subject to legal action.***

日期 Date

10 10 20 22
日 dd 月 mm 年 yyyy



注意事項

任何人如作出虛假聲明或就重要事項作出失實陳述即屬觸犯刑罪罪行，可能會被檢控。

甲. 填寫表格

1. 請填妥表格載列所有有關的部分。請附上所有證明文件。
2. 所提供的資料如有不全或錯誤，屋宇署將不能處理呈交的文件。
3. 如對本表格有任何疑問，請與屋宇署聯絡。

乙. 呈交方法

1. 郵寄/親身呈交 - 本表格連同有關文件應郵寄或親身呈交至屋宇署：

呈交有關勸諭信 / 命令 / 通知 / 指示的表格：

九龍油麻地海庭道11號西九龍政府合署北座屋宇署總部地下一般查詢及收件處。

呈交至拓展部有關其他事宜的表格：

香港太古城太古灣道14號7樓屋宇署收發處。

丙. 聯絡資料

屋宇署

地址：九龍油麻地海庭道11號西九龍政府合署北座屋宇署總部

電話：2626 1616 (由“1823”接聽)

傳真：2537 4992

電郵：enquiry@bd.gov.hk

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. Completion of Form

1. Please ensure that all relevant parts of the form are duly 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.

B. 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:

For submissions relating to advisory letter/order/notice/direction:

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

For other submissions to the New Buildings Division:

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

C. Contact Details

Buildings Department

Address: Buildings Department Headquarters, North Tower, West Kowloon

Government Offices, 11 Hoi Ting Road, Yau Ma Tei, Kowloon

Tel No.: 2626 1616 (handled by "1823")

Fax No.: 2537 4992

Email: enquiry@bd.gov.hk

NV_{TC} COMPLIANCE CHECK

NVc	0%
NVc (at re-entrant)	0%
NVss	90.9%
OVERALL NV _{TC}	90.9%

LEGEND

- EXP: External Plan
- SWP: Secondary Window Plan
- NP: Notional Plane
- ↑ Cross Ventilation Plane

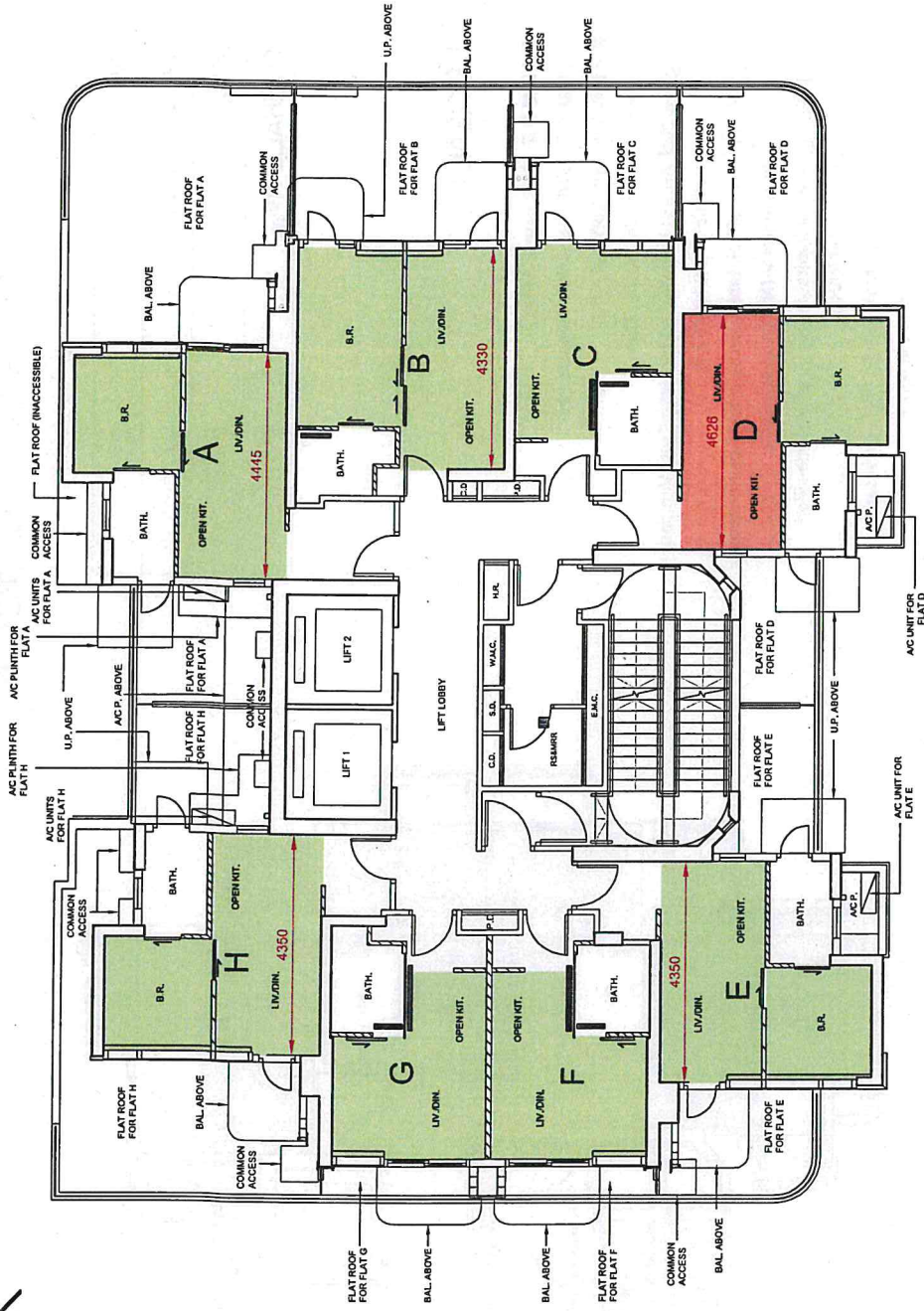
- Area of habitable spaces with Cross Ventilation outside re-entrant (NVc)
- Area of habitable spaces with Cross Ventilation at re-entrant (NVc(at re-entrant))
- Area of habitable spaces with single-sided ventilation (NVss)
- Area of habitable spaces that do not satisfy any requirement of the above
- Area of cross ventilation path across a corridor at and/ or area of other room(s) (e.g. bathroom/ toilet, store) with secondary ventilation opening

[1] The aggregate area of secondary ventilation opening(s) shall meet the sum of the areas required or secondary ventilation opening(s) of the Living & Dining and the adjacent Bedroom.

[2] Area of cross ventilation path across a corridor and/ or area of other room(s) (e.g. bathroom/ toilet, store) with secondary ventilation opening(s) shall be taken into account for the calculation of openable window area but shall be excluded from the total area of habitable spaces for NV compliance check.

Note 1: NV compliant habitable spaces shall not be affected by eat emission from air-conditioning units of other accommodation laid down in Section 3.4.

Note 2: The percentage (%) of NV compliance is the percentage (%) of area of habitable spaces of NVc (green), NVc (at re-entrant) (light green) and NVss (yellow) over the total area of habitable spaces (green + light green + yellow).



3RD FLOOR PLAN

SHEET NO : 1
BD REF NO : 2/2085/10

BUILDING ADDRESS : 73-73E CAINE ROAD, HONG KONG

Lot I.L.120 s.B ss.1 and I.L.122 s.B ss.1

NV_{Tc} COMPLIANCE CHECK

NVc	0%
NVc (at re-entrant)	0%
NVss	90.9%
OVERALL NV _{Tc}	90.9%

LEGEND

- EXP: External Plan
- SWP: Secondary Window Plan
- NP: Notional Plane
- Cross Ventilation Plane
- Area of habitable spaces with Cross Ventilation outside re-entrant (NVc)
- Area of habitable spaces with Cross Ventilation at re-entrant (NVc(at re-entrant))
- Area of habitable spaces with single-sided ventilation (NVss)
- Area of habitable spaces that do not satisfy any requirement of the above
- Area of cross ventilation path across a corridor at and/ or area of other room(s) (e.g. bathroom/ toilet, store) with secondary ventilation opening



TYPICAL FLOOR PLAN (5TH-12TH, 15TH-23RD, 25TH-28TH FLOOR)

SHEET NO : 2

BD REF NO : 2/2085/10

BUILDING ADDRESS : 73-73E CAINE ROAD, HONG KONG

Lot I.L.120 s.B ss.1 and I.L.122 s.B ss.1

[1] The aggregate area of secondary ventilation opening(s) shall meet the sum of the areas required or secondary ventilation opening(s) of the Living & Dining and the adjacent Bedroom.

[2] Area of cross ventilation path across a corridor and/ or area of other room(s) (e.g. bathroom/ toilet, store) with secondary ventilation opening(s) shall be taken into account for the calculation of openable window area but shall be excluded from the total area of habitable spaces for NV compliance check.

Note 1 : NV compliant habitable spaces shall not be affected by eat emission from air-conditioning units of other accommodation laid down in Section 3.4.

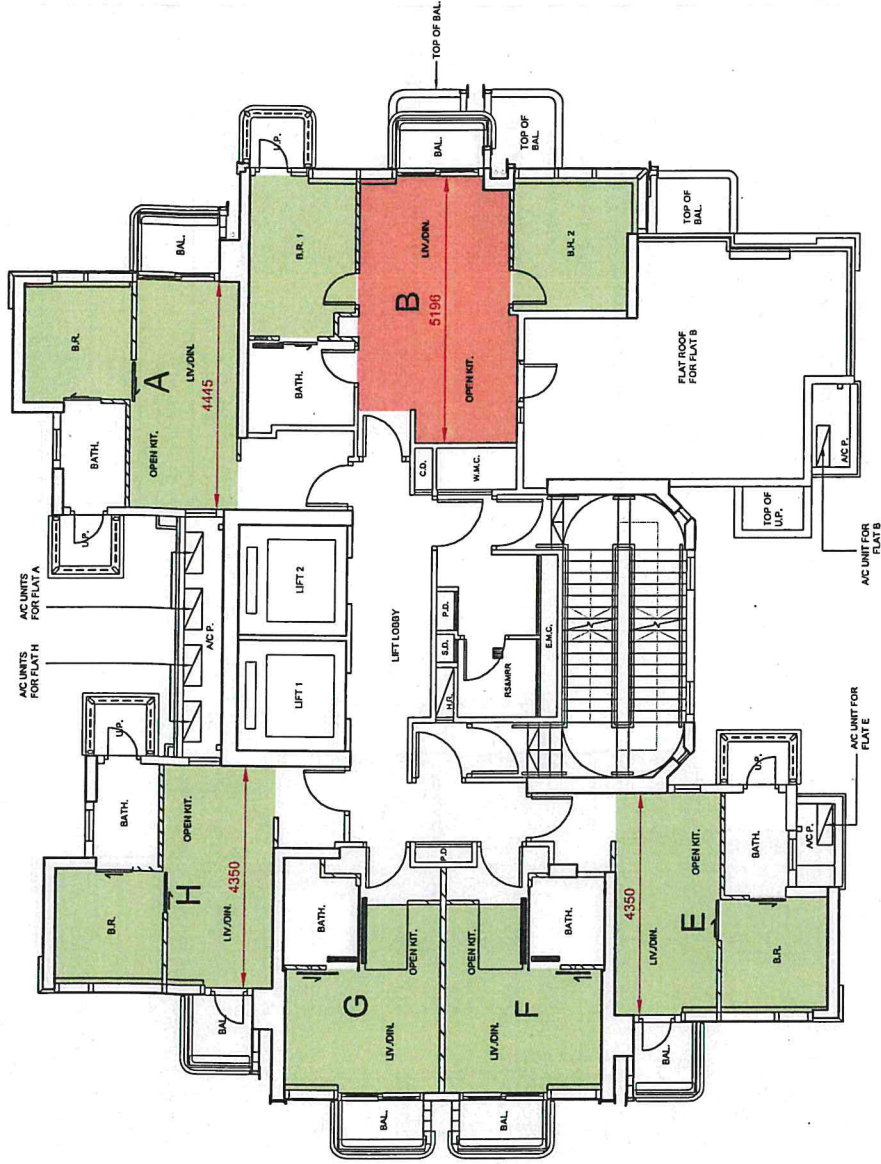
Note 2: The percentage (%) of NV compliance is the percentage (%) of area of habitable spaces of NVc (green), NVc (at re-entrant) (yellow) and NVss (light green) over the total area of habitable spaces (green + yellow + light green).

NV_{TC} COMPLIANCE CHECK

NV _C	0%
NV _C (at re-entrant)	0%
NV _{SS}	82.5%
OVERALL NV _{TC}	82.5%

LEGEND

- EXP: External Plan
- SWP: Secondary Window Plan
- NP: Notional Plane
- Cross Ventilation Plane
- Area of habitable spaces with Cross Ventilation outside re-entrant (NV_C)
- Area of habitable spaces with Cross Ventilation at re-entrant (NV_C(at re-entrant))
- Area of habitable spaces with single-sided ventilation (NV_{SS})
- Area of habitable spaces that do not satisfy any requirement of the above
- Area of cross ventilation path across a corridor at and/ or area of other room(s) (e.g. bathroom/toilet, store) with secondary ventilation opening



29TH FLOOR PLAN

SHEET NO : 3
 BD REF NO : 2/2085/10

BUILDING ADDRESS : 73-73E CAINE ROAD, HONG KONG

Lot I.L.120 s.B ss.1 and I.L.122 s.B ss.1

[1] The aggregate area of secondary ventilation opening(s) shall meet the sum of the areas required or secondary ventilation opening(s) of the Living & Dining and the adjacent Bedroom.

[2] Area of cross ventilation path across a corridor and/ or area of other room(s) (e.g. bathroom/ toilet, store) with secondary ventilation opening(s) shall be taken into account for the calculation of openable window area but shall be excluded from the total area of habitable spaces for NV compliance check.

Note 1 : NV compliant habitable spaces shall not be affected by eat emission from air-conditioning units of other accommodation laid down in Section 3.4.

Note 2: The percentage (%) of NV compliance is the percentage (%) of area of habitable spaces of NV_C (green), NV_C (at re-entrant) (yellow-green) and NV_{SS} (green) over the total area of habitable spaces (green + yellow-green + red).

NV_{TC} COMPLIANCE CHECK

NVC	0%
NVC (at re-entrant)	0%
NV _{SS}	79.4%
OVERALL NV _{TC}	79.4%

LEGEND

- EXP: External Plan
- SWP: Secondary Window Plan
- NP: Notional Plane
- Cross Ventilation Plane
- Area of habitable spaces with Cross Ventilation outside re-entrant (NVC)
- Area of habitable spaces with Cross Ventilation at re-entrant (NVC(at re-entrant))
- Area of habitable spaces with single-sided ventilation (NV_{SS})
- Area of habitable spaces that do not satisfy any requirement of the above
- Area of cross ventilation path across a corridor at and/ or area of other room(s) (e.g. bathroom/ toilet, store) with secondary ventilation opening



30TH FLOOR PLAN



SHEET NO : 4

BD REF NO : 2/2085/10

BUILDING ADDRESS : 73-73E CAINE ROAD, HONG KONG

Lot I.L.120 s.B ss.1 and I.L.122 s.B ss.1

[1] The aggregate area of secondary ventilation opening(s) shall meet the sum of the areas required or secondary ventilation opening(s) of the Living & Dining and the adjacent Bedroom.

[2] Area of cross ventilation path across a corridor and/ or area of other room(s) (e.g. bathroom/ toilet, store) with secondary ventilation opening(s) shall be taken into account for the calculation of openable window area but shall be excluded from the total area of habitable spaces for NV compliance check.

Note 1 : NV compliant habitable spaces shall not be affected by eat emission from air-conditioning units of other accommodation laid down in Section 3.4.

Note 2: The percentage (%) of NV compliance is the percentage (%) of area of habitable spaces of NVC (green), NVC (at re-entrant) (green) and NV_{SS} (green) over the total area of habitable spaces (green + green + green).