

Appendix B
附錄B

(《認可人士、註冊結構工程師及註冊岩土工程師作業備考-151》)
(PNAP APP- 151)

Declaration on Annual Energy Use of a Building Development
樓宇發展項目每年能源消耗量聲明

Part I: Building Particulars
第一部分: 樓宇詳情

- (a) Building name 樓宇名稱 (if known 如知悉): (English) (中文)
PROPOSED COMMERCIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT
- (b) Address of site 地盤地址: (English) (中文)
KAI TAK AREA 1F SITE 2, KAI TAK, KOWLOON
九龍啟德沐元街新九龍內地段第6556號
- (c) Lot number 地段編號:
NEW KOWLOON INLAND LOT NO. 6556
- (d) Type of building 樓宇類型:
* Domestic Building 住宅樓宇 / Non-domestic Building 非住宅樓宇 / Composite Building 綜合用途樓宇
- (e) Provision of Central Air Conditioning 提供中央空調 *YES 是 / NO 否
- (f) Provision of Energy Efficient Features 提供具能源效益的設施 *YES 是 / NO 否
- (g) Please list the * proposed / installed Energy Efficient Features (add separate sheet if necessary) 請列出 * 擬安裝 / 已安裝的具能源效益的設施 (如有需要, 請另頁說明)

English

中文

PLEASE REFER TO THE ADDITIONAL PAGE

請參閱附錄B的附加頁

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Part II: Predicted Annual Energy Use of * Proposed / Completed * Building / Part of Building
第二部分: * 擬興建 / 已竣工 * 樓宇 / 部分樓宇預計每年能源消耗量①

Annual Energy Use of Proposed/Completed Building (m ³ /annum) 擬 * 興建/已竣工樓宇每年能源消耗量 (平方米/年)	Electricity kWh 電力 千瓦小時	Town Gas/LPG unit 煤氣/石油氣 用量單位	Internal Floor Area Servd (m ²) 使用有關裝置的內部樓面面積 (平方米)	Location 位置	Type of Development 發展項目類型	Annual Energy Use of Baseline Building ② (平方米/年)		
						Electricity kWh 電力 千瓦小時	Town Gas/LPG unit 煤氣/石油氣 用量單位	Electricity kWh 電力 千瓦小時
					Domestic Development (excluding Hotel) (包括酒店) 住宅發展項目 (不包括酒店)			
					Central building services installation ③ (central building services installation) 中央屋宇裝備裝置③			
					Non-domestic Development (including Hotel) (non - central building services installation) 住宅發展項目 (包括酒店) Podium(s) (central building services installation) 平台 (中央屋宇裝備裝置)	26345.23	382.15	246.72
					Podium(s) (non - central building services installation) 住宅發展項目④ (including Hotel) Podium(s)			

(包括酒店)	平台 (非中央屋宇裝備裝置) installation)	37621.46	130.88	117.98
	塔樓 (central building services installation)	24549.83	487.19	181.63
	塔樓 (non - central building services installation)	85290.91	159.92	128.03

Note: In general, the lower the estimated "Annual Energy Use" of the building, the more efficient the building in terms of energy use. For example, if the estimated "annual energy use of proposed building" is less than the estimated "annual energy use of baseline building", it means the predicted use of energy is more efficient in the proposed building than in the baseline building. The larger the reduction, the greater the efficiency.

註：一般來說，樓宇的預計每年每平方厘米能源消耗量愈低，樓宇的能源消耗愈有效。例如，如果擬興建樓宇的預計每年能源消耗量少於基線樓宇的預計的每年能源消耗量，則表示擬興建樓宇的預計能源使用較基線樓宇有效。減少愈多，效能愈大。

Part III 第三部分

The following installation(s) * is / are * designed / completed in accordance with the relevant Codes of Practice published by the Electrical and Mechanical Services Department:-

以下裝置乃按機電工程署公布的相關實務守則 設計 / 完成 :-

Type of Installations 裝置類型	YES 是	NO 否	N/A 不適用
Lighting Installations 照明裝置	✓		
Air Conditioning Installations 空調裝置	✓		
Electrical Installations 電力裝置	✓		
Lift & Escalator Installations 升降機及自動梯的裝置	✓		
Performance-based Approach 以總能源為本的方法			✓

Please (✓) where appropriate 請在適當方格內填上(✓)號

Signature 簽署
 (Registered Professional Engineer 註冊專業工程師 / Registered Energy Assessor 註冊能源效益評核人)

P80815210

Certificate of Registration No. 註冊證書編號#

06/22

Date of expiry of registration 註冊到期日#

Signature 簽署
 Authorized Person (Architect) 認可人士)

LEUNG Ki-Man, Andy

AP (A) 80/85

Certificate of Registration No. 註冊證書編號#

31 DECEMBER 2025

Date of expiry of registration 註冊到期日#



Company Chop 公司印章 / Signature of applicant 申請人簽署

25 NOVEMBER 2021
 Date 日期

In accordance with the registration record 根據註冊記錄
 * Delete whichever is inapplicable 請刪去不適用者

中文	Chinese	英文	English
1.	高效節能照明設計	Highly efficient lighting design with low lighting power density	
2.	低遮陽系數玻璃幕牆	Low shading coefficient facade glazing	
3.	太陽能系統	Photovoltaics system	
4.	按需求控制通風	Demand control ventilation	
5.	空氣處理機組使用電子換向風扇	Electronic commutated plug fan (EC plug fan) for AHU	
6.	高效能電梯及能源再生系統	Lift with high efficient motor, regeneration system and ACVVVF control	
7.	雨水回收灌溉系統	Rainwater recycling for irrigation	
8.	自然采光系統	Daylighting System	
9.			
10.			
11.			
12.			
13.			
14.			
15.			

擬安裝 / 已安裝的具能源效益的設施
Proposed / Installed Energy Efficient Features