

Summary of Gross Floor Area (GFA) Concessions 總樓面面積寬免的資料摘要

Building Name and Address 建築物名稱及地址: Proposed Science Park Expansion Stage 1(SPX1) at Science Park West Avenue, Hong Kong Science Park at Pak Shek Kok, Tai Po, T.P.T.L. No. 204  
 BD Ref. 屋宇署檔案編號: 2 /9011 /16(V)  
 Name of Authorised Person 認可人士姓名: Yuen Cheuk Yiu Registration No. 註冊編號: AP(A)80/03 Date 日期: 3/26/2019

Approved GFA (m <sup>2</sup> ) 批准總樓面面積 (平方米)	GFA subject to Overall Cap <sup>2</sup> (m <sup>2</sup> ) 受整體上限 <sup>2</sup> 的寬免樓面面積(平方米)				Bonus GFA <sup>1</sup> (m <sup>2</sup> ) 額外總樓面面積 <sup>1</sup> (平方米)	Disregarded / Exempted GFA <sup>1</sup> 不計算及可獲豁免的總樓面面積 <sup>1</sup>										Hotel Concession (m <sup>2</sup> ) 旅館項目的寬免 (平方米)		
	Domestic 住用部分		Non-domestic 非住用部分			Green amenity features, etc (m <sup>2</sup> ) 環保設施等 (平方米)		Mandatory & Non-mandatory Plant rooms (m <sup>2</sup> ) 強制及非強制機房 (平方米)		Carpark and loading/unloading <sup>3</sup> Area (m <sup>2</sup> ) 停車場及上落客貨範圍 <sup>3</sup> (平方米)								
	m <sup>2</sup>	%	m <sup>2</sup>	%		Domestic 住用部分	Non-domestic 非住用部分	Domestic 住用部分	Non-domestic 非住用部分	Domestic 住用部分	Non-domestic 非住用部分	Domestic 住用部分	Non-domestic 非住用部分					
Domestic 住用部分					35	5	7	2.1	2.1	1	1	3						
Non-domestic 非住用部分	86521.627	0	0	4169.237	4.81872	6	8	2.2	2.2			4			5771.624			
						7	9	2.3	2.3									
						8	10											
						9	11											
						10	13											
						11	14											
						12	16											
						13	17A <sup>4</sup>											
						14	17B <sup>4</sup>											
						15	18											
						16	19											
						17A <sup>4</sup>	20											
						17B <sup>4</sup>	21											
						18	22											
						19	23											
						20	24											
						21	25											
						22	27											
						23	28											
						24	29											
						26	30											
						27	31											
						28	32											
						29	33											
						30	34											
Total: 總計:	86521.627				0			0		11518.545	0		7394.983		0	5771.624		0

Notes 註釋:

- Item numbers and description of the features are listed in Appendix G of Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers (PNAP) ADM-2. 有關設施的編號及描述, 請參考《認可人士、註冊結構工程師及註冊岩土工程師作業備考》(《作業備考》)ADM-2附錄G.
- For new building plans submitted for approval on or after 1.4.2011, Items 2.3, 5, 6, 11, 12, 14, 15, 17B to 20, 22, 25 to 27 are subject to 10% overall cap on GFA concessions under PNAP APP-151. 2011年4月1日或之後呈交審批的新建築圖則, 第2.3, 5, 6, 11, 12, 14, 15, 17B 至 20, 22 及 25 至 27項均須按照《作業備考》APP-151遵守10%總樓面面積整體上限的規定。
- Excluding Public Transport Terminal under Item 30. 不包括已填寫在第30項的公共交通總站。
- Item 17A, includes trellis and horizontal screen / covered walkway with the provision of greenery to the Building Authority's satisfaction as stipulated under PNAP APP-42, is not subject to 10% overall cap. The horizontal screen / covered walkway under Item 17B is subject to 10% overall cap. 第17A項的花棚及符合《作業備考》APP-42提供綠化的要求並達至建築事務監督滿意程度的橫向屏障 / 有蓋人行道, 則可不須受總樓面面積整體寬免上限的限制。而第17B項則均須遵守10%總樓面面積整體上限的規定。
- By signing the DVD Rom containing this document, I make this solemn declaration conscientiously believing the information contained in this document is true. 本人在載有此文件的唯讀光碟上簽署並謹衷誠作出此項鄭重聲明確信上述資料為真確無訛。
- Any person making a false declaration or misrepresenting a material fact shall be guilty of a criminal offence and subject to prosecution. 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事罪行, 可能會被檢控。

**SPX1 - Ventilation Calculation Report for Management Office**

Block	Floor	Usage	Grid Line	Area (sq.m)	Area per People (9m2/person)	Required Fresh Air Rate in PNAP 30 Annex 1 (Lit per sec. per person)	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Fresh Air Flow Rate (Lit per sec.)	Remarks
17W	1/F	Management Office	B-C/3-4	17.324	9.00	10	19.25	20	MV/AL

**SPX1 - Ventilation Calculation Report for Emergency Showers**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
17W	7/F-15/F	Emergency Showers	B-C/3-4	265.000	2.40	10	1766.7	1770	MV/AL

**SPX1 -Ventilation Calculation Report for Toilet, Unisex Shower Room, Cleansing Room**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
17W	2/F-15/F	M. LAV.	B-C/3-4	23.632	2.60	15	256.0	260	MV/AL
17W	2/F-15/F	F. LAV.	B-C/3-4	27.433	2.60	15	297.2	300	MV/AL
17W	2/F-15/F	UNISEX ACCESS.LAV.	B-C/3-4	5.186	2.60	15	56.2	60	MV/AL
17W	2/F-15/F	CLEANSING RM.	B-C/3-4	2.887	2.60	15	31.3	40	MV/AL
17W	2/F-15/F	LACTATION RM.	B-C/3-4	2.040	2.60	15	22.1	30	MV/AL

Remark: 4/F & 14/FOmitted

**SPX1 -Ventilation Calculation Report for Pantry**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
17W	2/F-15/F	Pantry	B-C/3-4	3.445	2.8	15	40.2	50	MV/AL

Remark: 4/F & 14/FOmitted

**SPX1 -Ventilation Calculation Report for Hopper Room**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
17W	1/F	Hopper Rm (ARCS)	B-C/3-4	7.560	3.55	3	22.4	30	MV/AL
17W	2/F-15/F	Hopper Rm (ARCS)	B-C/3-4	7.210	3.55	3	21.3	30	MV/AL
17W	R/F	Hopper Rm (ARCS)	B-C/3-4	10.450	3.55	3	30.9	35	MV/AL

Remark: 4/F & 14/FOmitted

**SPX1 -Ventilation Calculation RS&MRC**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
17W	G/F	RS&MRC	PJ/P5	75.000	5.5	20	2291.7	2300	

**SPX1 - Ventilation Calculation Report for Management Office**

Block	Floor	Usage	Grid Line	Area (sq.m)	Area per People (9m2/person)	Required Fresh Air Rate in PNAP 30 Annex 1 (Lit per sec. per person)	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Fresh Air Flow Rate (Lit per sec.)	Remarks
19W	1/F	Management Office	G-F/9-10	22.898	9.00	10	25.44	30	MV/AL

**SPX1 - Ventilation Calculation Report for Emergency Showers**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
19W	1/F	Emergency Showers	PP-PN/P12	2.600	2.80	15	30.3	40	MV/AL

**SPX1 -Ventilation Calculation Report for Toilet, Unisex Shower Room, Cleansing Room**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
19W	G/F	M.LAV	J-K/10-11	45.257	2.6	15	490.3	500	MV/AL
19W	G/F	F. LAV.	J-K/10-11	33.258	2.6	15	360.3	370	MV/AL
19W	1/F	M.LAV	F-G/9-10	34.604	2.6	15	374.9	380	MV/AL
19W	1/F	F. LAV.	F-G/9-10	37.038	2.6	15	401.2	410	MV/AL
19W	1/F	VIP.LAV	J-K/10-11	4.8	2.6	15	52.0	60	MV/AL
19W	1/F	M.LAV	K-L/10-11	20.725	2.6	15	224.5	230	MV/AL
19W	1/F	M.LAV	K-L/10-11	39.014	2.6	15	422.7	430	MV/AL
19W	1/F	F. LAV.	L-M/10-11	49.925	2.6	15	540.9	550	MV/AL
19W	1/F	ACC.LAV	L-M/10-11	3.925	2.6	15	42.5	50	MV/AL
19W	2/F-16/F	M. LAV.	H-J/10-11	34.285	2.6	15	371.4	380	MV/AL
19W	2/F-16/F	F. LAV.	H-J/11-12	36.385	2.6	15	394.2	400	MV/AL
19W	2/F-16/F	ACC.LAV	G-H/10-11	4.460	2.6	15	48.3	50	MV/AL
19W	2/F-16/F	CLEANSING RM.	G-H/11-12	1.145	2.6	15	12.4	20	MV/AL
19W	2/F-16/F	LACTATION RM.	G-H/11-12	2.875	2.6	15	31.1	35	MV/AL

Remark: 4/F & 14/F Omitted

**SPX1 -Ventilation Calculation Report for Pantry**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
19W	2/F-16/F	Pantry	G-H/10-11	10.030	2.8	15	117.0	120	MV/AL

Remark: 4/F & 14/F Omitted

**SPX1 -Ventilation Calculation Report for Hopper Room**

Block	Floor	Usage	Grid Line	Area (sq.m)	Ceiling Height (m)	Air Change per hour	Minimum Fresh Air Flow Rate (Lit per sec.)	Proposed Mechanical Air Flow Rate (Lit per sec.)	Remarks
19W	1/F	Hopper Rm (ARCS)	F-G/10-11	18.105	3.50	3	52.8	60	MV/AL
19W	2/F-16/F	Hopper Rm (ARCS)	F-G/10-11	8.155	3.50	3	23.8	30	MV/AL
19W	R/F	Hopper Rm (ARCS)	F-G/10-11	20.380	3.50	3	59.4	60	MV/AL

Remark: 4/F & 14/F Omitted