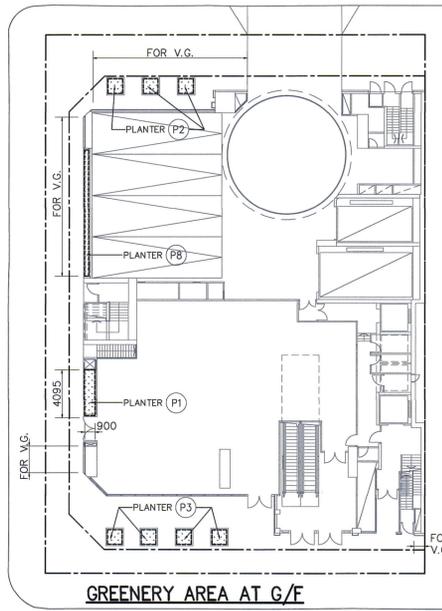


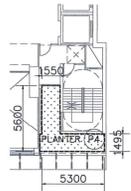
SITE COVERAGE OF GREENERY AREA CALCULATION
(4/F, 13/F, 14/F & 24/F OMITTED)

B. D. REFERENCE :
BD 2 / 4091 / 20
F. S. D. REFERENCE :
FD 8 / 3856

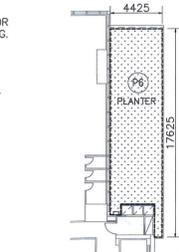


GREENERY AREA AT 2/F

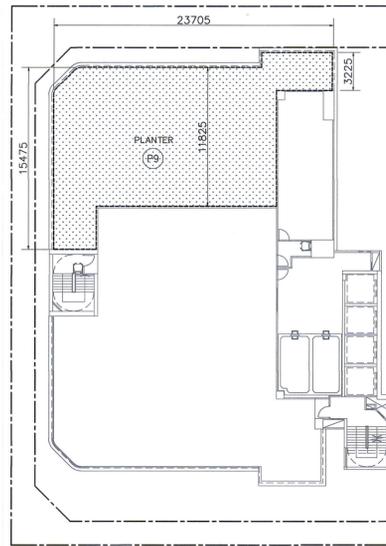
GREENERY AREA AT 2/F



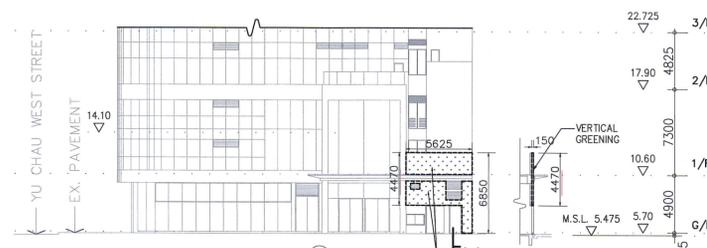
GREENERY AREA AT 1/F



GREENERY AREA AT 3/F

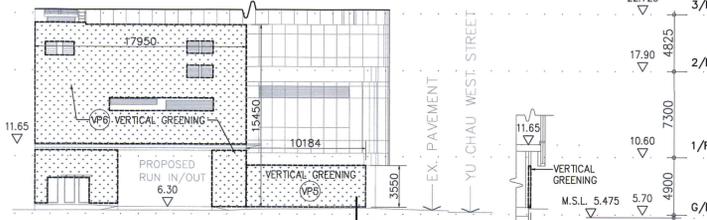


GREENERY AREA AT R/F



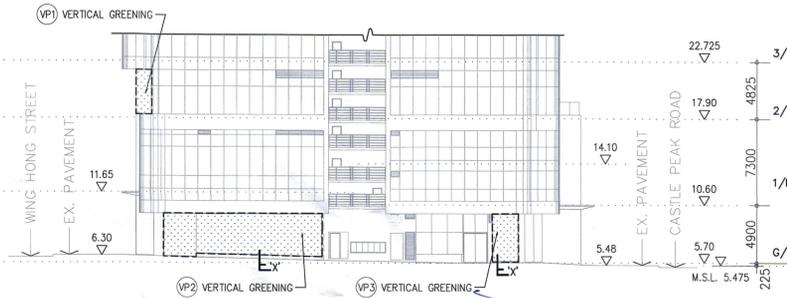
ELEVATION FOR VERTICAL GREENERY
(FACING CASTLE PEAK ROAD)

SECTION 'X1'



ELEVATION FOR VERTICAL GREENERY
(FACING WING HONG STREET)

SECTION 'X'



ELEVATION FOR VERTICAL GREENERY
(FACING YU CHAU WEST STREET)

CALCULATION SHEET FOR BD GREENERY AREA PROVIDED AT PRIMARY ZONE

| | | | |
|---------------------------------|---------|------------|---------------|
| P1 | PLANTER | = | 3.505 s.m. |
| P2 | PLANTER | 1.563 x 3 | = 4.689 s.m. |
| P3 | PLANTER | 1.563 x 4 | = 6.252 s.m. |
| P4 | PLANTER | 14.540 / 2 | = 7.270 s.m. |
| P5 | PLANTER | = | 10.467 s.m. |
| P6 | PLANTER | 62.241 / 2 | = 31.121 s.m. |
| P7 | PLANTER | 11.223 / 2 | = 5.612 s.m. |
| P8 | PLANTER | = | 3.745 s.m. |
| TOTAL = 72.661 s.m. (E1) | | | |

VERTICAL GREENERY AREA CALCULATION

| | | |
|---|---|--------------|
| VP1 | = | 5.008 s.m. |
| VP2 | = | 47.823 s.m. |
| VP3 | = | 9.213 s.m. |
| VP4 | = | 21.572 s.m. |
| VP5 | = | 36.152 s.m. |
| VP6 | = | 202.887 s.m. |
| TOTAL = 322.655 s.m. > 294.254 s.m. | | |

30% MAX. OF 294.254 s.m. = 88.276 s.m. (E2)

GREENERY AREA AT ROOF

| | | | |
|----|---------|---------|-------------------|
| P9 | PLANTER | TOTAL = | 251.484 s.m. (E3) |
|----|---------|---------|-------------------|

CHECKLIST FOR SUSTAINABLE BUILDING DESIGN ACCORDING TO PNPAP APP-152

| | |
|----------------------------------|--|
| SITE AREA | |
| REQUIRED | 1471.270 s.m. |
| PROVIDED | (E1) + (E2) = 160.937 s.m. |
| BUILDING SEPARATION | |
| REQUIRED | NOT APPLICABLE SITE AREA (SITE AREA < 20000 s.m. & LP < 60 m) |
| PROVIDED | NOT APPLICABLE SITE AREA (SITE AREA < 20000 s.m. & LP < 60 m) |
| BUILDING SET-BACK | |
| REQUIRED | APPLICABLE WING HONG STREET ARE LESS THAN 15m. IN WIDTH THEREFORE THE 7.5m SET BACK FROM CENTRELINE OF STREET ARE REQUIRED |
| PROVIDED | APPLICABLE WING HONG STREET ARE LESS THAN 15m. IN WIDTH THEREFORE THE 7.5m SET BACK FROM CENTRELINE OF STREET ARE REQUIRED |
| SITE COVERAGE OF GREENERY | |
| REQUIRED | (SITE AREA : 1000 s.m. ~ 2000 s.m.) APPLICABLE min. SITE COVERAGE OF |
| PRIMARY | 10 % (147.127 s.m.) |
| OVERALL | 20 % (294.254 s.m.) |
| PROVIDED | (E1) + (E2) + (E3) = 412.421 s.m. |

CALCULATION SHEET FOR DPO GREENERY AREA PROVIDED AT PRIMARY ZONE

| | | | |
|----------------------------------|---------|-----------|--------------|
| P1 | PLANTER | = | 3.505 s.m. |
| P2 | PLANTER | 1.563 x 3 | = 4.689 s.m. |
| P3 | PLANTER | 1.563 x 4 | = 6.252 s.m. |
| P4 | PLANTER | = | 14.540 s.m. |
| P5 | PLANTER | = | 10.467 s.m. |
| P6 | PLANTER | = | 62.241 s.m. |
| P7 | PLANTER | = | 11.223 s.m. |
| P8 | PLANTER | = | 3.745 s.m. |
| TOTAL = 116.662 s.m. (E4) | | | |

VERTICAL GREENERY AREA CALCULATION

| | | |
|---|---|--------------|
| VP1 | = | 5.008 s.m. |
| VP2 | = | 47.823 s.m. |
| VP3 | = | 9.213 s.m. |
| VP4 | = | 21.572 s.m. |
| VP5 | = | 36.152 s.m. |
| VP6 | = | 202.887 s.m. |
| TOTAL = 322.423 s.m. > 294.254 s.m. | | |

30% MAX. OF 294.254 s.m. = 88.276 s.m. (E2)

GREENERY AREA AT ROOF

| | | | |
|----|---------|---------|-------------------|
| P9 | PLANTER | TOTAL = | 251.484 s.m. (E3) |
|----|---------|---------|-------------------|

CHECKLIST FOR SUSTAINABLE BUILDING DESIGN ACCORDING TO PNPAP APP-152

| | |
|----------------------------------|--|
| SITE AREA | |
| REQUIRED | 1471.270 s.m. |
| PROVIDED | (E4) + (E2) = 204.938 s.m. |
| BUILDING SEPARATION | |
| REQUIRED | NOT APPLICABLE SITE AREA (SITE AREA < 20000 s.m. & LP < 60 m) |
| PROVIDED | NOT APPLICABLE SITE AREA (SITE AREA < 20000 s.m. & LP < 60 m) |
| BUILDING SET-BACK | |
| REQUIRED | APPLICABLE WING HONG STREET ARE LESS THAN 15m. IN WIDTH THEREFORE THE 7.5m SET BACK FROM CENTRELINE OF STREET ARE REQUIRED |
| PROVIDED | APPLICABLE WING HONG STREET ARE LESS THAN 15m. IN WIDTH THEREFORE THE 7.5m SET BACK FROM CENTRELINE OF STREET ARE REQUIRED |
| SITE COVERAGE OF GREENERY | |
| REQUIRED | (SITE AREA : 1000 s.m. ~ 2000 s.m.) APPLICABLE min. SITE COVERAGE OF |
| PRIMARY | 10 % (147.127 s.m.) |
| OVERALL | 20 % (294.254 s.m.) |
| PROVIDED | (E4) + (E2) + (E3) = 456.422 s.m. |

| | | |
|---|----------------|---------|
| f | MINOR REVISION | 11/2024 |
| e | MINOR REVISION | 05/2024 |
| d | MINOR REVISION | 10/2023 |
| c | MINOR REVISION | 03/2023 |
| b | MINOR REVISION | 01/2023 |
| a | GEN. REV. | 06/2021 |

COMPARTMENTATION CALCULATION & DIAGRAM 1:300
(4/F, 13/F, 14/F & 24/F OMITTED)

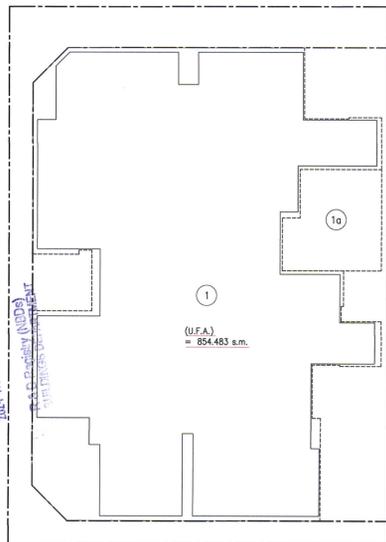


DIAGRAM FOR BASEMENT 2 FLOOR

COMPARTMENT AT BASEMENT 2 FLOOR

| | | | |
|---|------------|---|--------------|
| 1 | FLOOR AREA | = | 965.675 s.m. |
| COMPARTMENT VOLUME | | | |
| 965.675 x 4.225 h. = 4079.977 cu.m. < 7,000 cu.m. | | | |
| 1a | FLOOR AREA | = | 66.090 s.m. |
| COMPARTMENT VOLUME (LEV. 16.475 - LEV. -5.175) | | | |
| 66.090 x 21.650 h. = 1430.849 s.m. | | | |

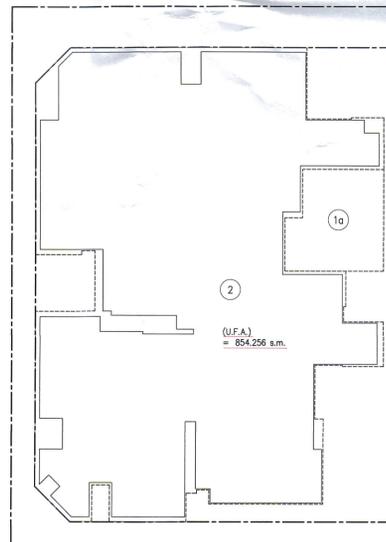


DIAGRAM FOR BASEMENT 1 FLOOR

COMPARTMENT AT BASEMENT 1 FLOOR

| | | | |
|---|------------|---|--------------|
| 2 | FLOOR AREA | = | 941.564 s.m. |
| COMPARTMENT VOLUME | | | |
| 941.564 x 4.650 h. = 3997.377 cu.m. < 7,000 cu.m. | | | |

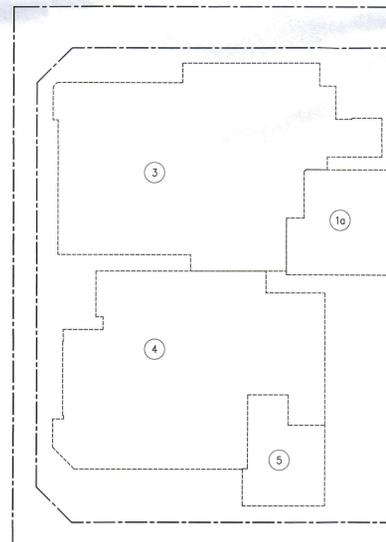


DIAGRAM FOR GROUND FLOOR

COMPARTMENT AT GROUND FLOOR

| | | | |
|---|------------|---|--------------|
| 3 | FLOOR AREA | = | 362.331 s.m. |
| COMPARTMENT VOLUME | | | |
| 362.331 x 5.350 h. = 1938.471 cu.m. < 7,000 cu.m. | | | |
| 4 | FLOOR AREA | = | 317.727 s.m. |
| COMPARTMENT VOLUME | | | |
| 317.727 x 4.900 h. = 1556.862 cu.m. < 7,000 cu.m. | | | |
| 5 | FLOOR AREA | = | 55.076 s.m. |
| COMPARTMENT VOLUME | | | |
| 55.076 x 4.900 h. = 269.872 cu.m. (E5) | | | |
| 6 | FLOOR AREA | = | 289.498 s.m. |
| COMPARTMENT VOLUME | | | |
| 289.498 x 6.250 h. = 1809.363 cu.m. < 7,000 cu.m. | | | |

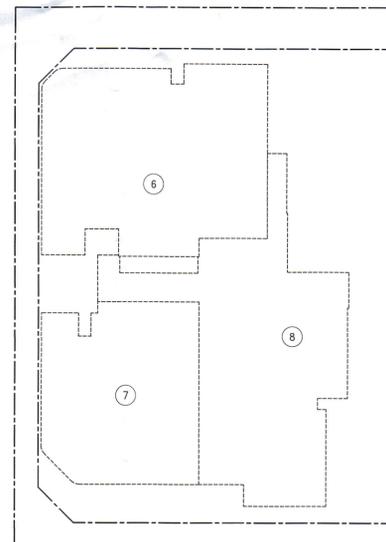


DIAGRAM FOR FIRST FLOOR

COMPARTMENT AT FIRST FLOOR

| | | | |
|--|------------|---|--------------|
| 7 | FLOOR AREA | = | 197.175 s.m. |
| COMPARTMENT VOLUME | | | |
| 197.175 x 3.500 h. = 690.113 cu.m. < 7,000 cu.m. | | | |
| 8 | FLOOR AREA | = | 284.050 s.m. |
| COMPARTMENT VOLUME | | | |
| 284.050 x 7.300 h. = 2073.565 cu.m. (E6) | | | |
| 9 | FLOOR AREA | = | 575.764 s.m. |
| COMPARTMENT VOLUME | | | |
| 575.764 x 4.825 h. = 2778.061 cu.m. | | | |

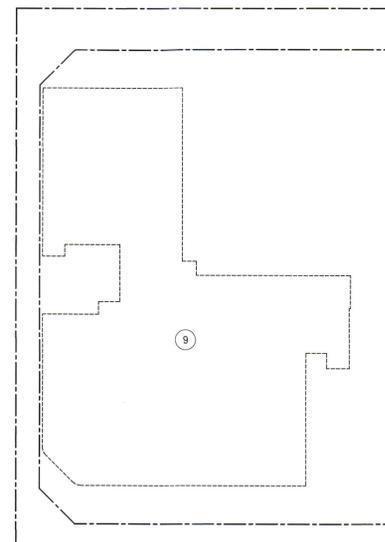


DIAGRAM FOR SECOND FLOOR

COMPARTMENT AT SECOND FLOOR

| | | | |
|-------------------------------------|------------|---|--------------|
| 10 | FLOOR AREA | = | 880.703 s.m. |
| COMPARTMENT VOLUME | | | |
| 880.703 x 4.825 h. = 4249.392 cu.m. | | | |

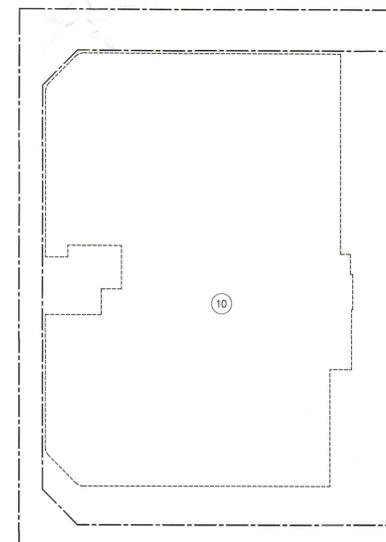


DIAGRAM FOR 3/F to 28/F
(LARGEST FL.)

COMPARTMENT AT SECOND FLOOR

| | | | |
|-------------------------------------|------------|---|--------------|
| 10 | FLOOR AREA | = | 880.703 s.m. |
| COMPARTMENT VOLUME | | | |
| 880.703 x 4.825 h. = 4249.392 cu.m. | | | |

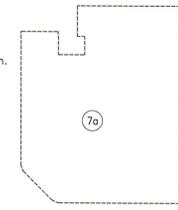


DIAGRAM FOR 1/F UPPER FLOOR

COMPARTMENT AT 1/F UPPER FLOOR

| | | | |
|--|------------|---|--------------|
| 7a | FLOOR AREA | = | 205.528 s.m. |
| COMPARTMENT VOLUME | | | |
| 205.528 x 3.800 h. = 781.006 cu.m. < 7,000 cu.m. | | | |

ALL MEASUREMENTS MUST BE CHECKED AT THE WORK BY THE CONTRACTOR.
DO NOT SCALE DRAWINGS. THIS DRAWING IS NOT FOR CONSTRUCTION PURPOSES UNLESS EXPRESSLY CERTIFIED.
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CHENG TSE KWAN JUSTIN
HIA RAJAKRABH AUTHORIZED PERSON

FOR B. D. SUBMISSION
Statement II: The works shown on these plans are Type II works

General Building Works
(Amendments)
in which the Building Authority's consent is applied for.
ISSUED DATE: **22 NOV 2024**

PROJECT:
PROPOSED INDUSTRIAL REDEVELOPMENT AT 550 CASTLE PEAK ROAD, KOWLOON ON N.K.I.L. 1751 s.A RP, N.K.I.L. 1751 s.A ss.1 s.A & N.K.I.L. 1751 s.A ss.2

CALCULATION OF GREENERY AREA & COMPARTMENTATION

| | |
|-----------------|--------------|
| DRAWN BY: | JOB NO.: |
| CHECKED BY: | DRAWING NO.: |
| APPROVED BY: | SCALE: |
| DATE: 03/2021 | AS SHOWN |
| REVISION: (f) | 217 |

Note: This plan has been processed on a curtailed check basis under the centralized processing system (CPS) promulgated in PNPAP ADM-9. The duties of the authorized person, registered structural engineer and/or registered geotechnical engineer in compliance as specified under section 4(3)(a) and the provision of section 14(2)(c) of the Buildings Ordinance are of particular relevance in this regard.

Plan Approved
Ng Yan Flora
Senior Building Surveyor
FOR BUILDING AUTHORITY
16 DEC 2024