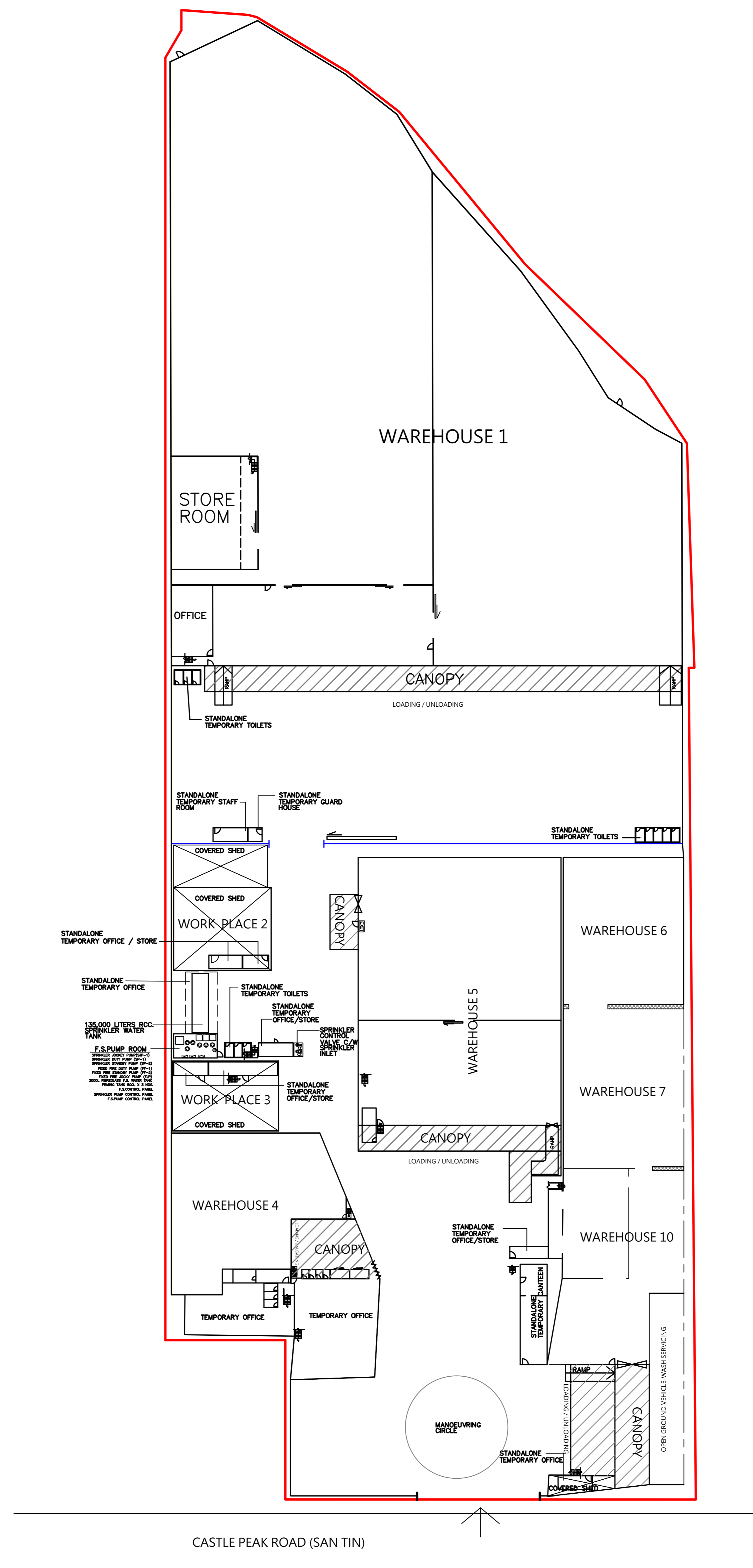


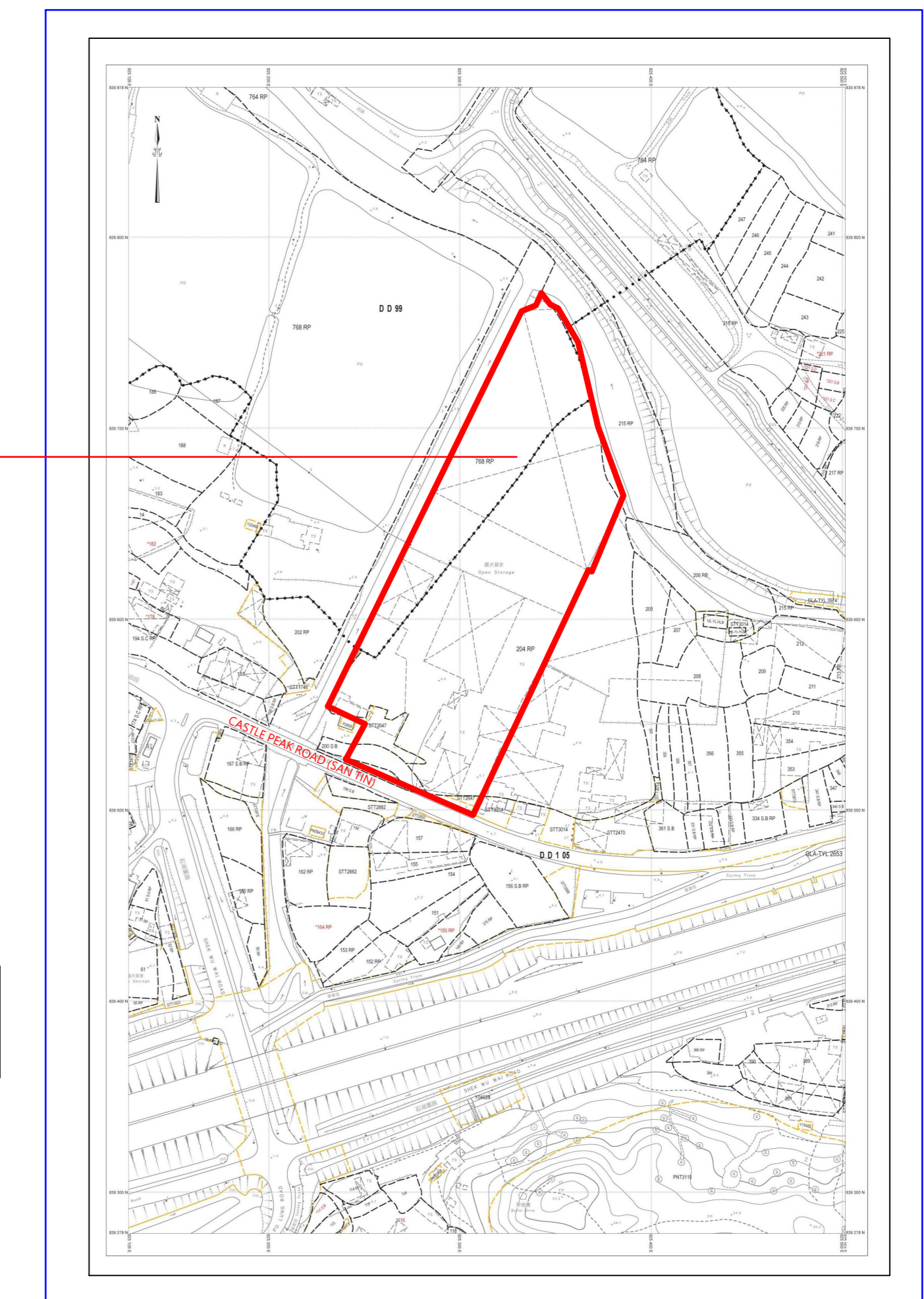
FIRE SERVICE NOTES :

1. A MODIFIED HOSE REEL SYSTEM WITH A 2,000 L F.S. TANK SHALL BE PROVIDED TO THE SUBJECT BUILDINGS IN ACCORDANCE WITH PARA. 5.14 OF THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT 2012. HOSE REEL SHALL BE PROVIDED TO ENSURE THAT EVERY PART OF THE BUILDINGS WHERE CAN BE REACHED BY A LENGTH OF NOT MORE THAN 30M OF HOSE REEL TUBING.
 - 1.1 HOSE REEL SHALL BE PROVIDED AT POSITIONS AS INDICATED ON PLANS.
 - 1.2 NO FIRE SERVICE INLET TO BE PROVIDED FOR MODIFIED HOSE REEL SYSTEM.
 - 1.3 TWO FIXED FIRE PUMPS (DUTY/STANDY) TO BE PROVIDED.
2. FIRE ALARM SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH BS 5839-1 : 2002 + A2 : 2008 AND FSD CIRCULAR LETTERS NO. 1/2009 & 3/2010 & 2/2012. ONE ACTUATING POINT AND ONE AUDIO WARNING DEVICE TO BE LOCATED AT EACH HOSE REEL POINT. VISUAL ALARM SIGNALS TO BE PROVIDED. ACTUATING POINT SHALL INCLUDE FACILITIES FOR FIRE PUMP START AND AUDIO/VISUAL WARNING DEVICE INITIATION.
 - 2.1 FIRE ALARM PANEL TO BE PROVIDED AND LOCATED INSIDE F.S. PUMP ROOM.
3. SUFFICIENT EMERGENCY LIGHTING WITH 2 HOURS BACK UP BATTERY TO BE PROVIDED TO THE BUILDINGS IN ACCORDANCE WITH BS 5266 : PART 1 AND BS EN 1838.
4. SUFFICIENT EXIT SIGN / DIRECTIONAL SIGN TO BE PROVIDED IN ACCORDANCE WITH BS 5266 : PART 1 AND FSD CIRCULAR LETTER NO. 5/2008.
5. FIRE EXTINGUISHERS SHALL BE PROVIDED AS INDICATED ON PLANS.
6. WHEN A VENTILATION/AIR CONDITIONING CONTROL SYSTEM TO THE AREAS/BUILDING IS REQUIRED TO BE PROVIDED, IT SHALL STOP MECHANICALLY INDUCED AIR MOVEMENT WITHIN A DESIGNATED FIRE COMPARTMENT.
7. AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED TO THE ENTIRE BUILDING/STRUCTURE IN ACCORDANCE WITH LPC RULES INCORPORATING BS EN 12845 : 2015 AND FSD CIRCULAR LETTER 5/2020 EXCEPT E&M PLANT ROOMS. SPRINKLER SHALL NOT BE PROVIDED TO STANDALONE TEMPORARY : TOILETS / OFFICES / STORES / GUARD HOUSE / STAFF ROOM / CANTEEN WHERE TOTAL FLOOR AREAS LESS THAN 230 SQUARE METRES. SPRINKLER SHALL NOT BE PROVIDED TO AREAS OF COVERED SHED AS THOSE ARE METAL STRUCTURE WITH 2 SIDES OPENING AND AREA OF OPEN GROUND VEHICLE-WASH SERVICING .
 - 7.1 HAZARD CLASSIFICATION : OH3
 - 7.2 STORED PRODUCTS AND CATEGORIES : CATEGORY (1)
 - 7.3 STORAGE CONFIGURATION : FREE STANDING (ST1) & POST-PALLET STORAGE (ST2)
 - 7.4 STORAGE HEIGHT NOT EXCEEDING : 4M & 3.5M
 - 7.5 STORAGE SHOULD BE CONFINED TO BLOCKS NOT EXCEEDING 50 SQ M. IN PLAN AREA FOR CATEGORY I.
 - 7.6 STORAGE BLOCKS SHOULD BE SEPARATED BY AISLES NO LESS THAN 2.4M WIDE.
 - 7.7 ONE NUMBER 135,000 LITRES SPRINKLER WATER TANK TO BE PROVIDED AS INDICATED ON PLANS.
 - 7.8 SPRINKLER PUMPS, SPRINKLER CONTROL VALVES AND SPRINKLER INLETS SHALL BE PROVIDED AS INDICATED ON PLANS.
8. SECONDARY SOURCE OF POWER SUPPLY FOR FIRE SERVICE INSTALLATIONS TO BE PROVIDED BY CONNECTION BEFORE THE MAIN SWITCH WITH AUTOMATIC CHANGE-OVER DEVICE AND SATISFACTION OF THE DIRECTOR OF FIRE SERVICES.
9. SMOKE EXTRACTION SYSTEM SHALL NOT BE PROVIDED WHEREAS THE AGGREGATE AREA OF OPENABLE WINDOWS OF THE COMPARTMENT EXCEEDS 6.25% OF THE FLOOR AREA OF THAT COMPARTMENT IN WAREHOUSES.



SITE LOCATION PLAN
(SCALE 1 : 400)

LOTS 764 RP (PART) AND 768 RP (PART) IN D.D. 99, LOTS 199 S.C (PART), 200 S.B (PART), 204 RP (PART) AND 215 RP (PART) IN D.D.105 AND ADJOINING GOVERNMENT LAND (GL), SAN TIN, YUEN LONG.



BLOCK PLAN
(NOT TO SCALE)

LEGEND

- COVERED SHED
- METAL GATE
- FIRE ALARM BELL
- VISUAL FIRE ALARM
- MANUAL FIRE ALARM CALL POINT (BREAK GLASS TYPE)
- EXIT SIGN
- SLIDING DOOR
- HOSE REEL SET
- FIXED FIRE PUMP/SPRINKLER PUMP
- SPRINKLER CONTROL VALVE
- SPRINKLER INLET
- 5KG CO2 FIRE EXTINGUISHER
- 9L W/ CO2 FIRE EXTINGUISHER
- SAND BUCKET
- F.S. CONTROL PANEL
- SPRINKLER / F.S. PUMP CONTROL PANEL

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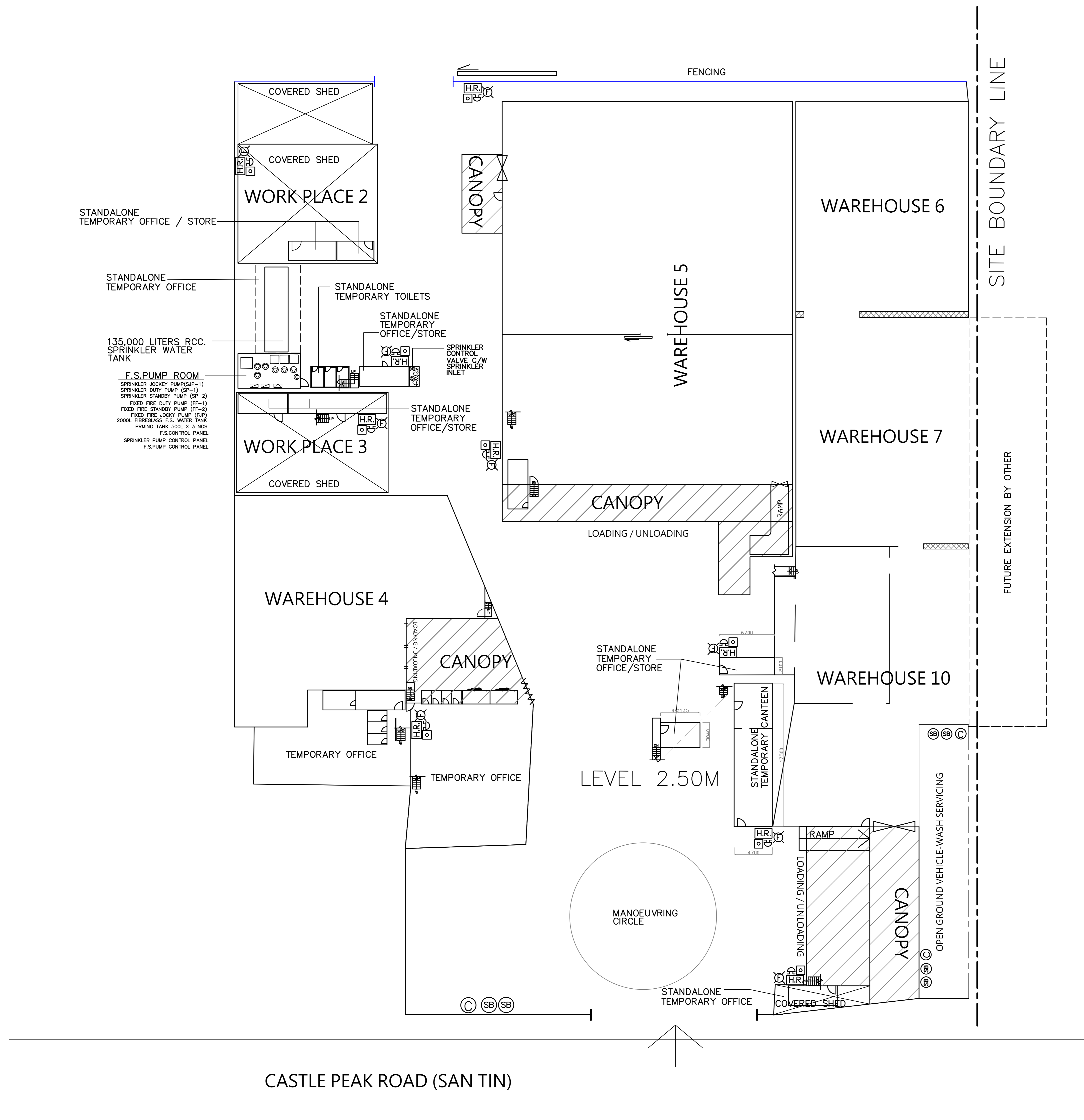
FSI CONSULTANT:

GLOBAL ENG CONSULTANTS LTD
ROOM 902 9/F SILICON TOWER,
88 LARCH STREET, TAI KOK TSUI, KLN.
Email: globalconhk@gmail.com
Tel: 31881924 Fax: 31862946

PROJECT:
LOTS 764 RP (PART) AND 768 RP (PART) IN D.D. 99, LOTS 199 S.C (PART), 200 S.B (PART), 204 RP (PART) AND 215 RP (PART) IN D.D.105 AND ADJOINING GOVERNMENT LAND (GL), SAN TIN, YUEN LONG.

TITLE:
FS NOTES, LEGEND, BLOCK PLAN AND SITE LOCATION PLAN
(RNTPC PAPER NO. A/YL-ST/594)

SCALE: 1:400 @A0	DRAWN BY: BARRY
DATE: 21-02-2022	DESIGNED BY: BARRY
DWG. NO: FS/01	CHECKED BY: NG L.C.
CONTRACT NO.:	SHEET: 8
REVISION:	



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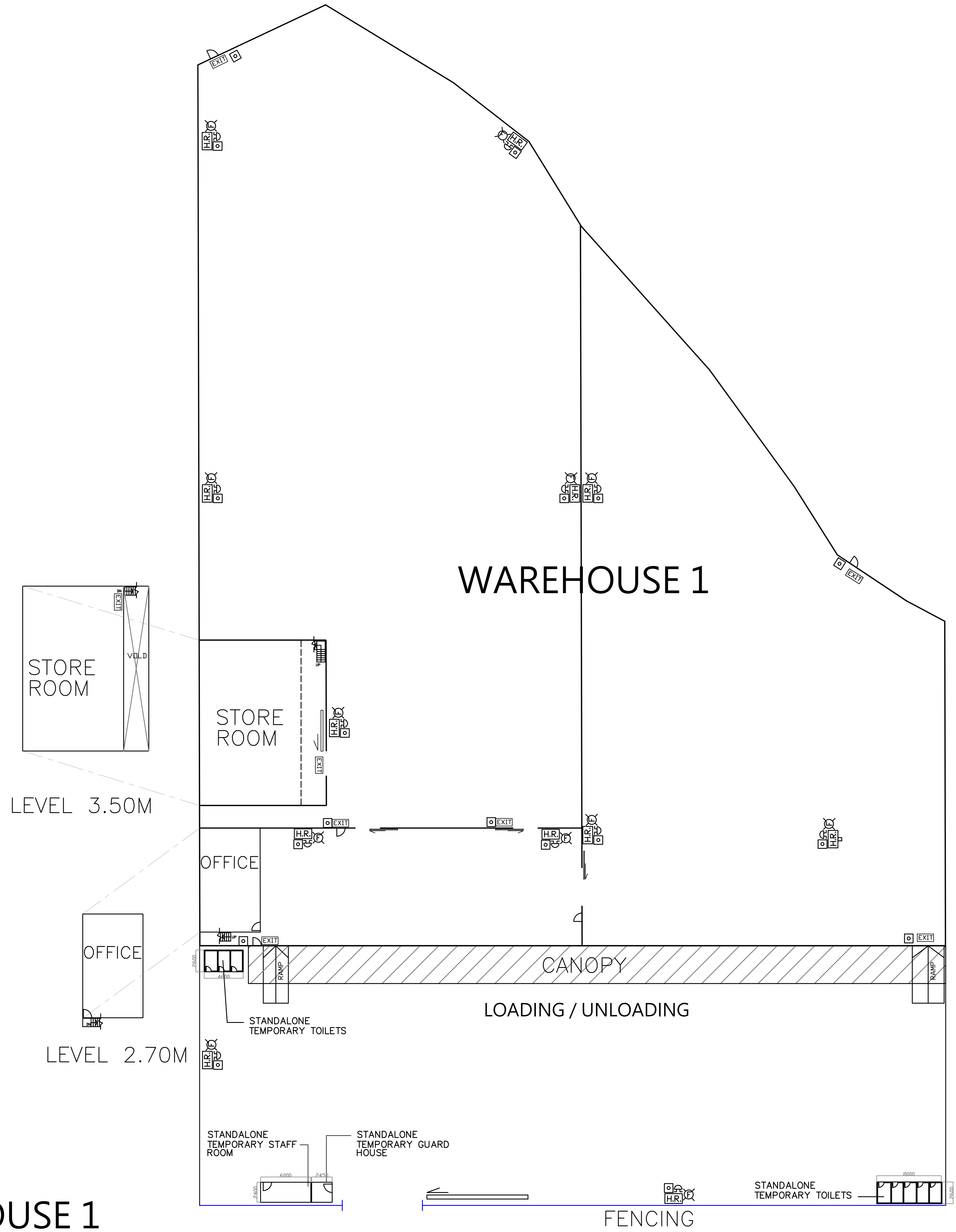
FSI CONSULTANT:
 GLOBAL ENG CONSULTANTS LTD
 ROOM 902/9F, SILICON TOWER,
 88 LARCH STREET, TAI KOK TSUI, KLN.
 Email: globalconhk@gmail.com
 Tel: 31881924 Fax: 31862946

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 D.D. 99, LOTS 199 S.C (PART), 200 S.B
 (PART), 204 RP (PART) AND 215 RP (PART) IN
 D.D.105 AND ADJOINING GOVERNMENT LAND
 (GL), SAN TIN, YUEN LONG.

TITLE:
 PART PLAN
 FIRE SERVICES LAYOUT
 PLAN
 (RNTPC PAPER NO.A/YL-ST/594)

SCALE: 1:200 @A0	DRAWN BY: BARRY
DATE: 21-02-2022	DESIGNED BY: BARRY
DWG. NO: FS/02	CHECKED BY: NG L.C.
CONTRACT NO.:	SHEET: 8
REVISION:	

WAREHOUSE 1



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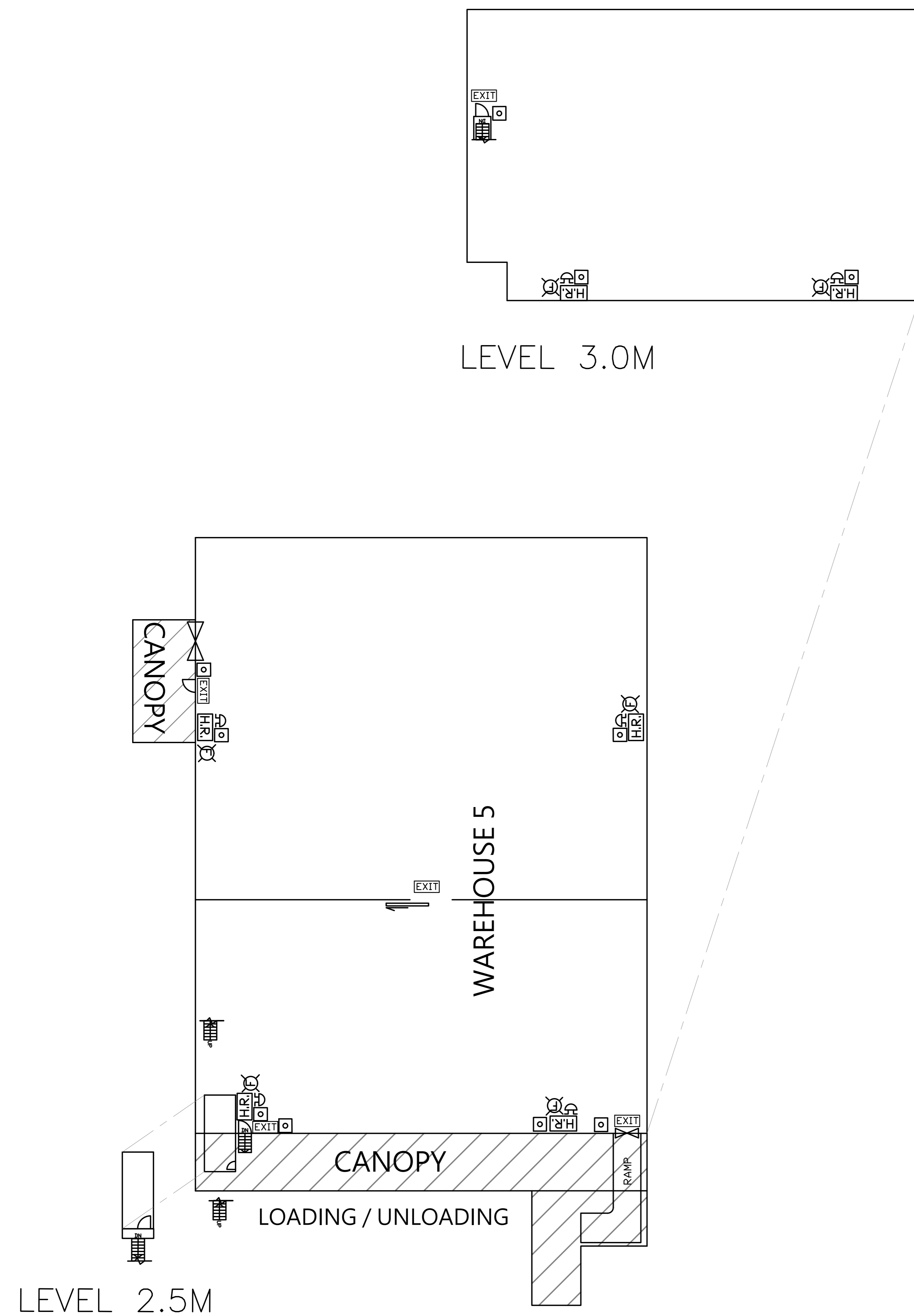
FSI CONSULTANT:
GLOBAL ENG CONSULTANTS LTD
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 88 LARCH STREET, TAI KOK TSUI, KLN.
 Email: globalconhk@gmail.com
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PROJECT:
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 D.D. 99, LOTS 199 S.C (PART), 200 S.B
 (PART), 204 RP (PART) AND 215 RP (PART) IN
 D.D.105 AND ADJOINING GOVERNMENT LAND
 (GL), SAN TIN, YUEN LONG.

TITLE:
 PART PLAN AND
 WAREHOUSE 1
 FIRE SERVICES LAYOUT
 PLAN
 (RNTPC PAPER NO.A/YL-ST/594)

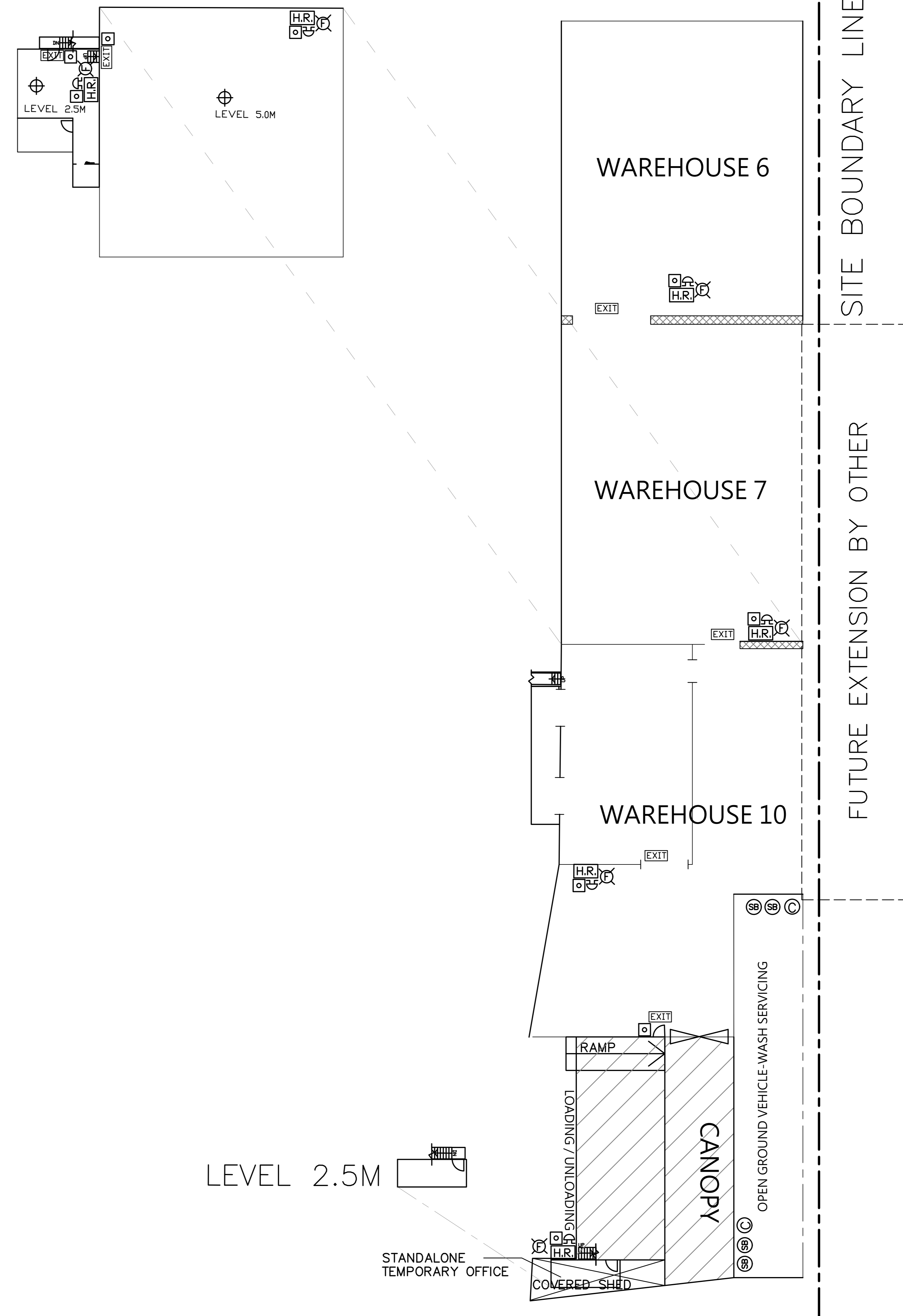
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DWG. NO: FS/03	CHECKED BY: NG L.C.
CONTRACT NO.:	SHEET: 8
REVISION:	

WAREHOUSE 1



WAREHOUSE 5

LEVEL 3.0M



WAREHOUSE 5,6,7 AND 10

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 Email: globalconhk@gmail.com
 Tel: 31881924 Fax: 31862946

PROJECT:
 LOTS 764 RP (PART) AND 768 RP (PART) IN
 D.D. 99, LOTS 199 S.C (PART), 200 S.B
 (PART), 204 RP (PART) AND 215 RP (PART) IN
 D.D. 105 AND ADJOINING GOVERNMENT LAND
 (GL), SAN TIN, YUEN LONG.

TITLE:
 WAREHOUSE 5,6,7,10 AND
 OPEN GROUND VEHICLE-
 WASH SERVICING
 FIRE SERVICES LAYOUT
 PLAN
 (RNTPC PAPER NO.A/YL-ST/594)

SCALE: 1:200 @A0	DRAWN BY: BARRY
DATE: 21-02-2022	DESIGNED BY: BARRY
DWG. NO: FS/05	CHECKED BY: NG L.C.
CONTRACT NO.:	SHEET: 8
REVISION:	

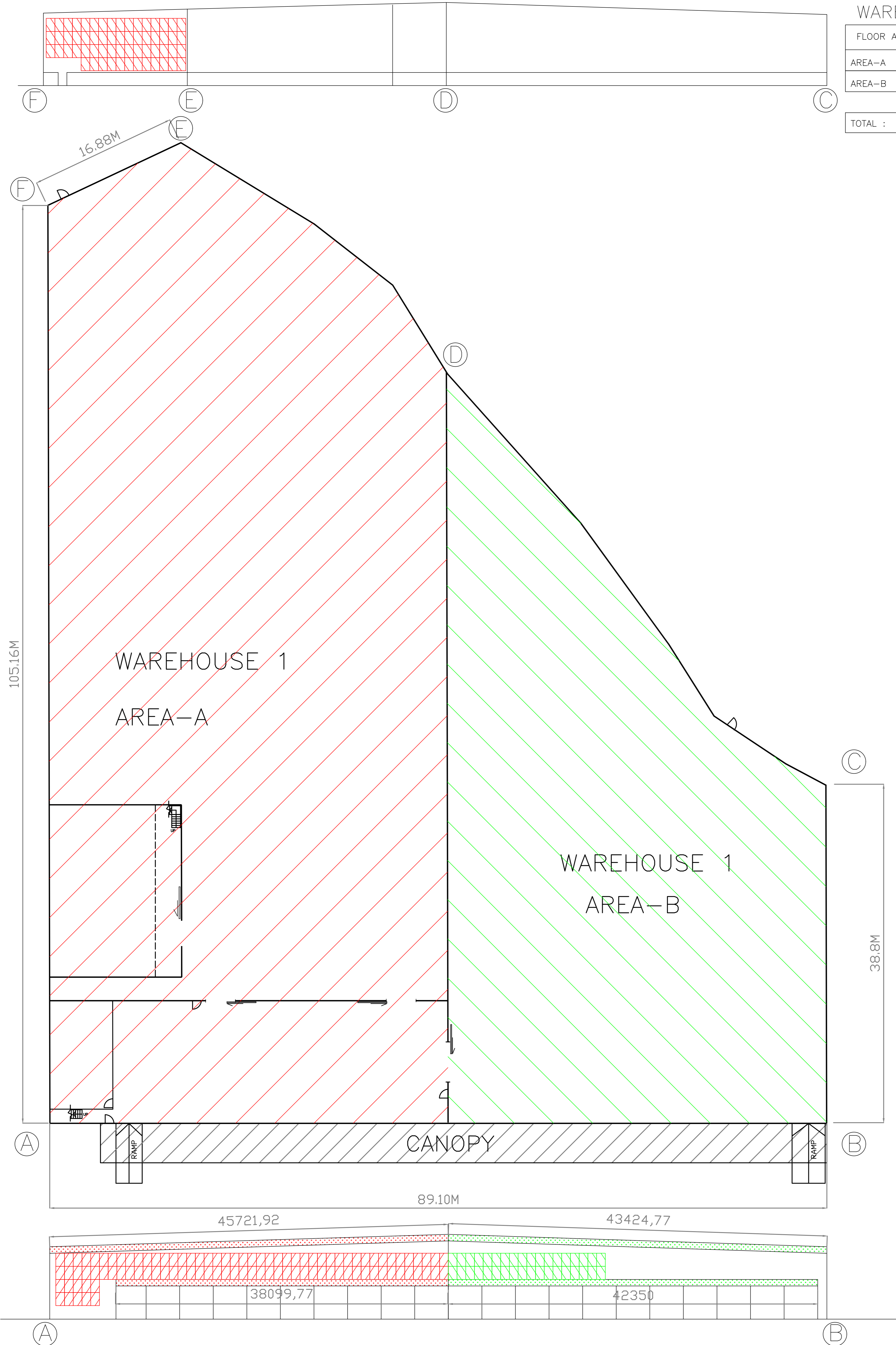
WAREHOUSE 1

FLOOR AREA	REQUIRED OPENABLE WINDOWS
AREA-A 4752 M ²	X 6.25% = 297 M ²
AREA-B 2614 M ²	X 6.25% = 163.4 M ²

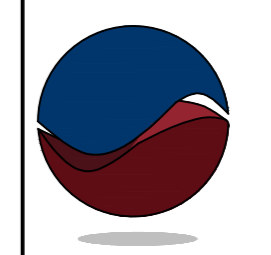
OPENABLE WINDOWS	VENTILATION OPENING	PROVIDED OPENABLE WINDOWS
1 M X 1.5 M = 1.5 M ² X 173 Nos. = 259.5 M ²	0.756 M X 97.87 M = 74 M ²	333.5 M ²
1 M X 1.5 M = 1.5 M ² X 36 Nos. = 54 M ²	0.756 M X 171.81 M = 129.89 M ²	183.89 M ²

TOTAL :	7366 M ² X 6.25% = 460.4 M ²
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TOTAL :	517.39 M ²
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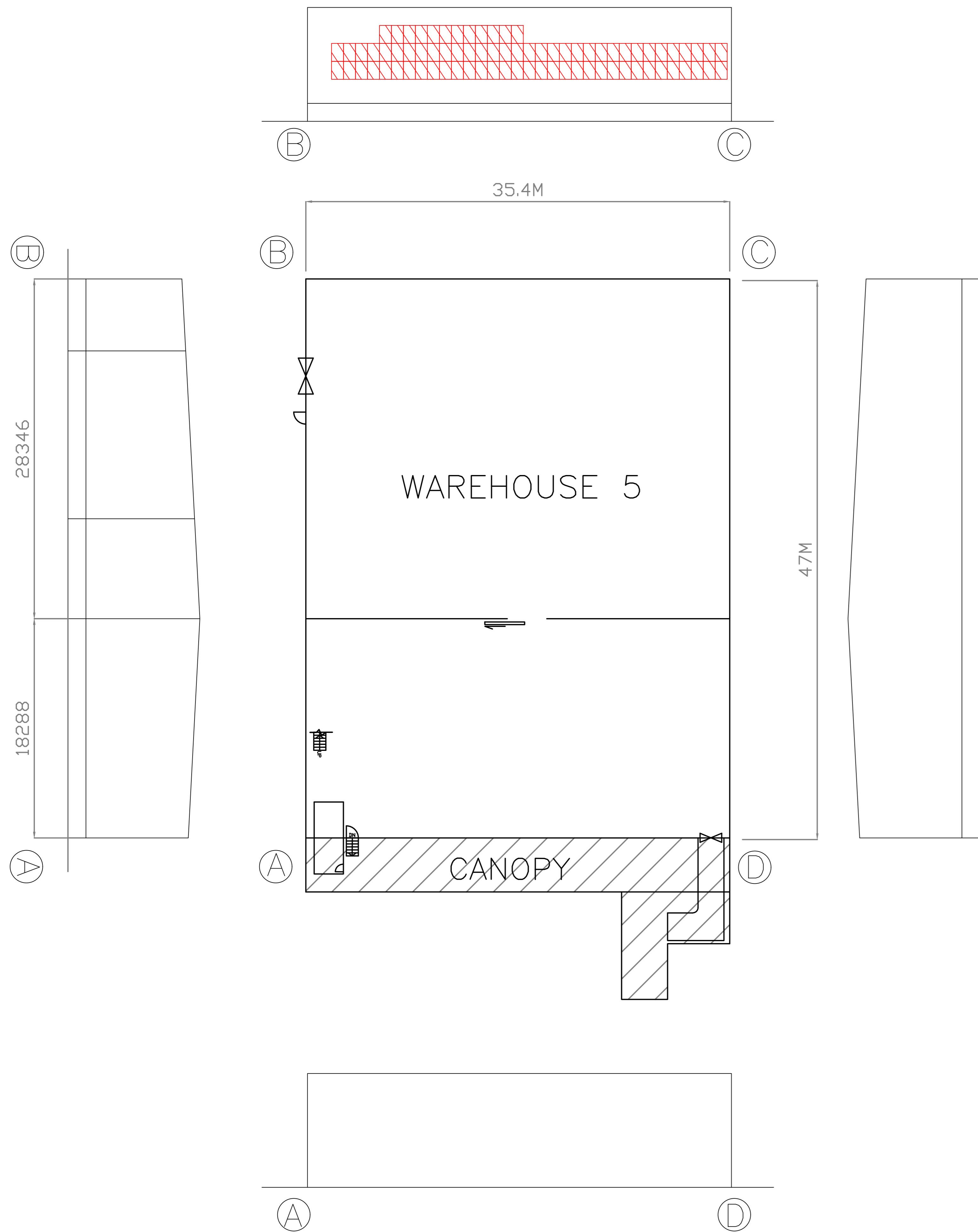
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 GLOBAL ENG CONSULTANTS LTD ROOM 902.9/F, SILICON TOWER, 88 LARCH STREET, TAI KOK TSUI, KLN. Email: globalconhk@gmail.com Tel: 31881924 Fax: 31862946	
PROJECT:	
LOTS 764 RP (PART) AND 768 RP (PART) IN D.D. 99, LOTS 199 S.C (PART), 200 S.B (PART), 204 RP (PART) AND 215 RP (PART) IN D.D.105 AND ADJOINING GOVERNMENT LAND (GL), SAN TIN, YUEN LONG.	
TITLE:	
PROVISION OF OPENABLE WINDOW AREA WITH CALCULATION (RNTPC PAPER NO.A/YL-ST/594)	
SCALE:	DRAWN BY:
1:200 @A0	BARRY
DATE:	DESIGNED BY:
21-02-2022	BARRY
DWG. NO:	CHECKED BY:
FS/06	NG L.C.
CONTRACT NO.:	SHEET:
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REVISION:	

WAREHOUSE 5

FLOOR AREA		REQUIRED OPENABLE WINDOWS	OPENABLE WINDOWS	PROVIDED OPENABLE WINDOWS
AREA	1663.8 M ²	X 6.25% = 104 M ²	1 M X 1.5 M = 1.5 M ² X 78 Nos. = 117 M ²	= 117 M ²

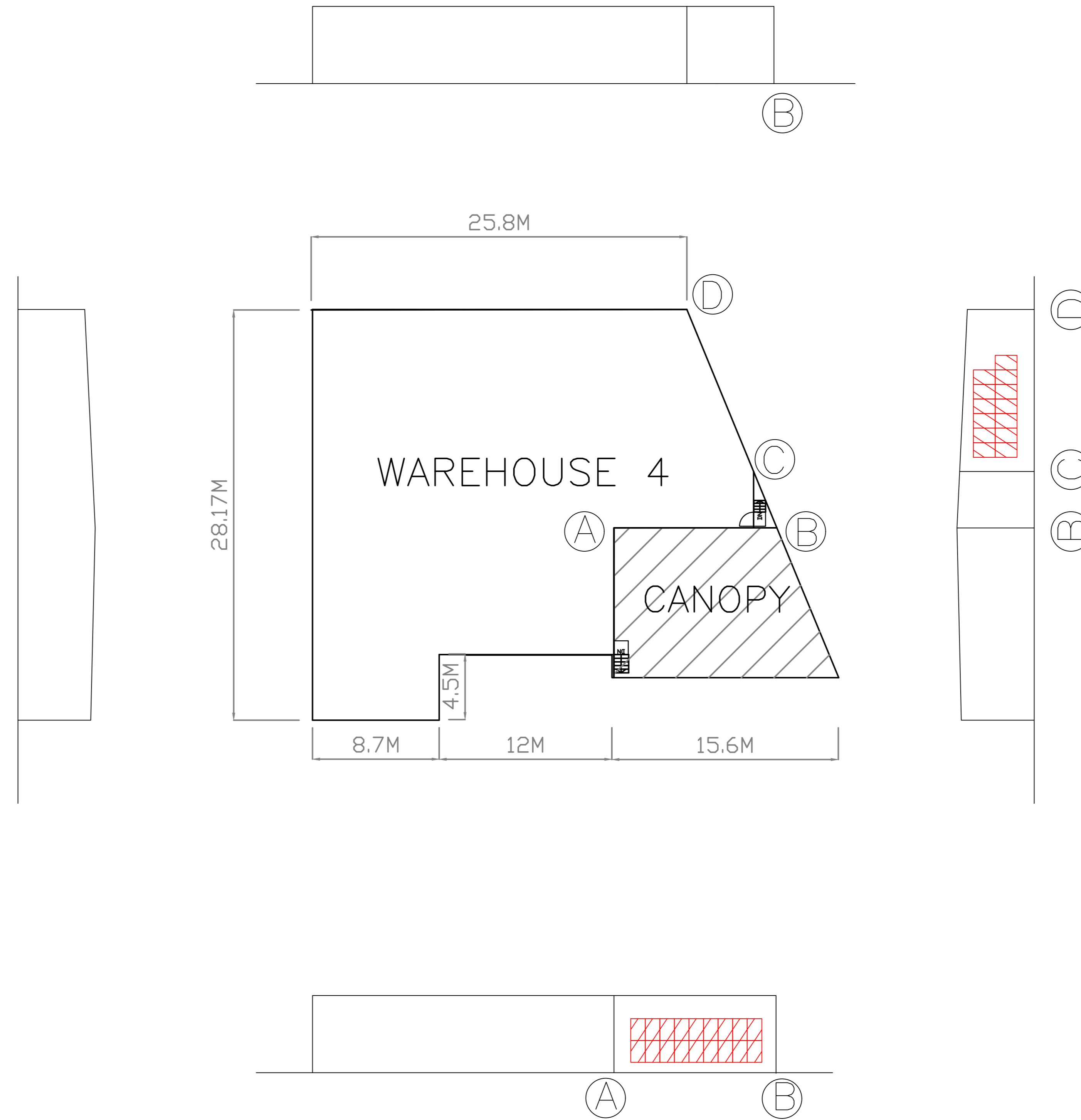
TOTAL :	1663.8 M ²	X 6.25% = 104 M ²	TOTAL :	117 M ²
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WAREHOUSE 4

FLOOR AREA		REQUIRED OPENABLE WINDOWS	OPENABLE WINDOWS	PROVIDED OPENABLE WINDOWS
AREA	647.5 M ²	X 6.25% = 40.5 M ²	1 M X 1.5 M = 1.5 M ² X 31 Nos. = 46.5 M ²	= 46.5 M ²

TOTAL :	647.5 M ²	X 6.25% = 40.5 M ²	TOTAL :	46.5 M ²
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 88 LARCH STREET, TAI KOK TSUI, KLN.
 Email: globalconhk@gmail.com
 Tel: 31881924 Fax: 31862946

PROJECT:
 LOTS 764 RP (PART) AND 768 RP (PART) IN
 D.D. 99, LOTS 199 S.C (PART), 200 S.B
 (PART), 204 RP (PART) AND 215 RP (PART) IN
 D.D.105 AND ADJOINING GOVERNMENT LAND
 (GL), SAN TIN, YUEN LONG.

TITLE:
 PROVISION OF OPENABLE
 WINDOW AREA WITH
 CALCULATION
 (RNTPC PAPER NO.A/YL-ST/594)

SCALE: 1:200 @A0	DRAWN BY: BARRY
DATE: 21-02-2022	DESIGNED BY: BARRY
DWG. NO: FS/07	CHECKED BY: NG L.C.
CONTRACT NO.:	SHEET: 8
REVISION:	

WAREHOUSE 6,7 & 10

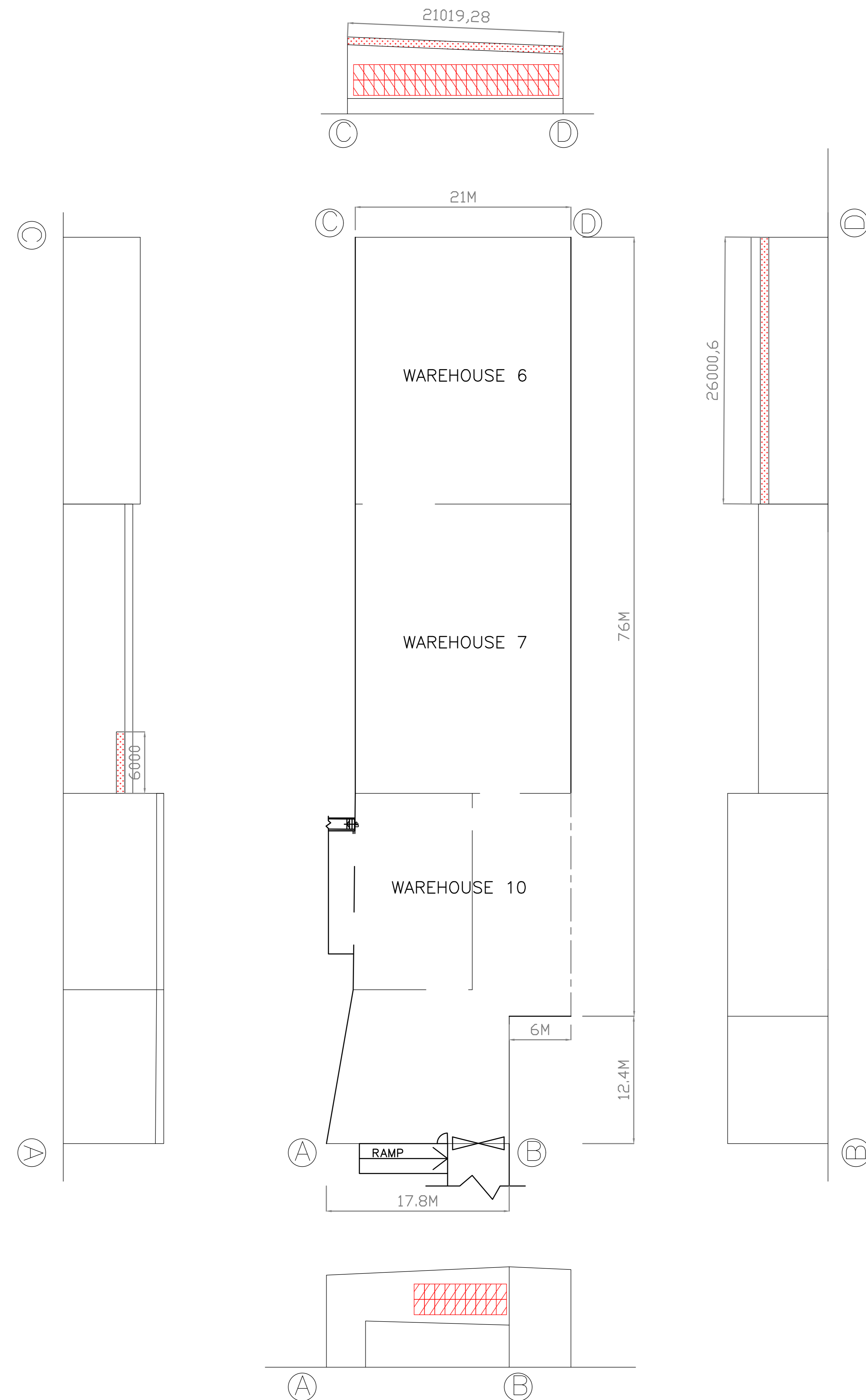
FLOOR AREA		REQUIRED OPENABLE WINDOWS
AREA	1835 M ²	X 6.25% = 114.7 M ²
TOTAL : 1835 M ² X 6.25% = 114.7 M ²		

OPENABLE WINDOWS
1 M X 1.5 M = 1.5 M ² X 58 Nos. = 87 M ²

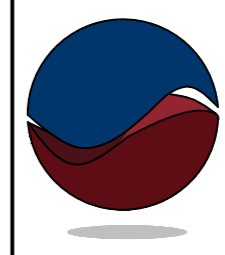
VENTILATION OPENING
0.8 M X 53 M = 42.4 M ²

PROVIDED OPENABLE WINDOWS
= 129.4 M ²

TOTAL : 129.4 M ²



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LOTS 764 RP (PART) AND 768 RP (PART) IN D.D. 99, LOTS 199 S.C (PART), 200 S.B (PART), 204 RP (PART) AND 215 RP (PART) IN D.D.105 AND ADJOINING GOVERNMENT LAND (GL), SAN TIN, YUEN LONG.	
TITLE:	
PROVISION OF OPENABLE WINDOW AREA WITH CALCULATION (RNTPC PAPER NO.A/YL-ST/594)	
SCALE:	DRAWN BY:
1:200 @A0	BARRY
DATE:	DESIGNED BY:
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FS/08	NG L.C.
CONTRACT NO.:	SHEET:
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REVISION:	