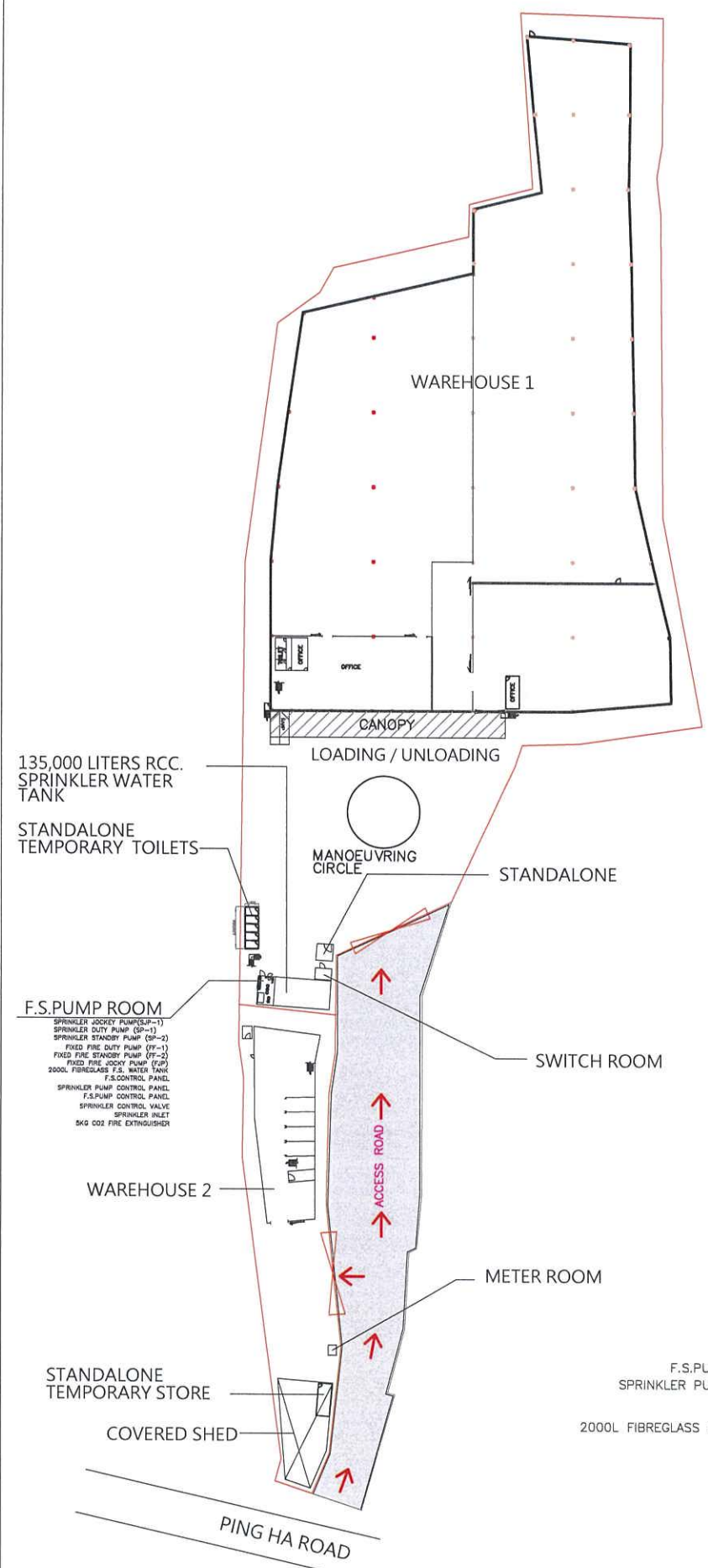
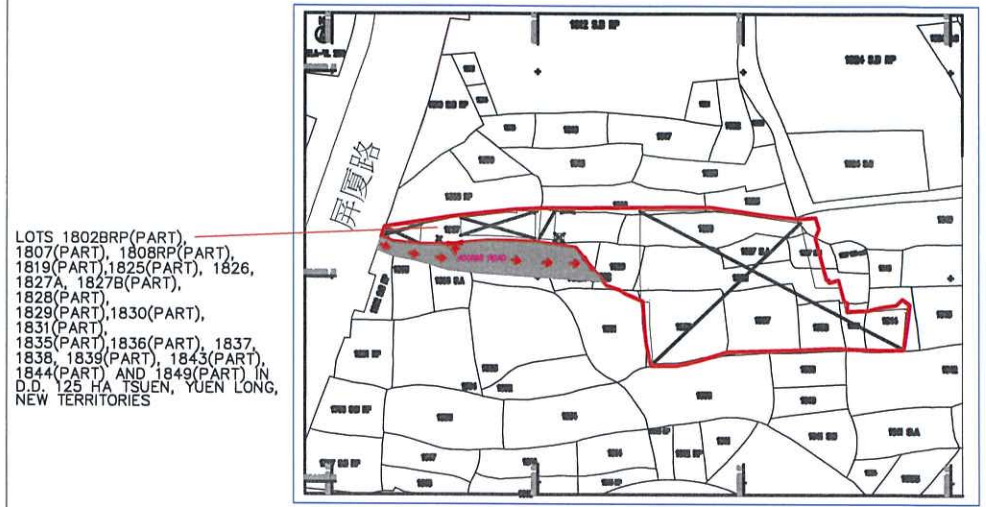


FIRE SERVICE NOTES :

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 2022. 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 : 2017 AND THE FSD CIRCULAR LETTER NO. 6/2021. 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 - 1:2016, BS EN 1838:2013 AND THE FSD CIRCULAR LETTER NO. 4/2021.
4. SUFFICIENT EXIT SIGN / DIRECTIONAL SIGN TO BE PROVIDED IN ACCORDANCE WITH BS 5266 - 1:2016 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 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.
 - 7.1 HAZARD CLASSIFICATION : OH3
 - 7.2 STORED PRODUCTS AND CATEGORIES : CATEGORY (I)
 - 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.



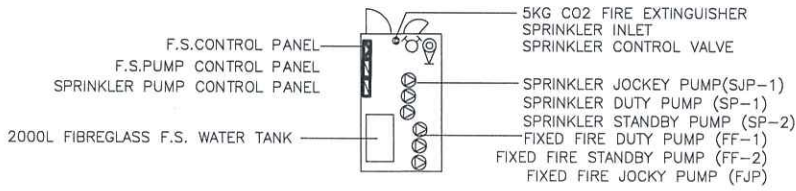
SITE LOCATION PLAN
(SCALE 1 : 400)



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
- 9L W/ CO2 FIRE EXTINGUISHER
- SAND BUCKET
- 5KG CO2 FIRE EXTINGUISHER
- F.S. CONTROL PANEL
- SPRINKLER / F.S. PUMP CONTROL PANEL

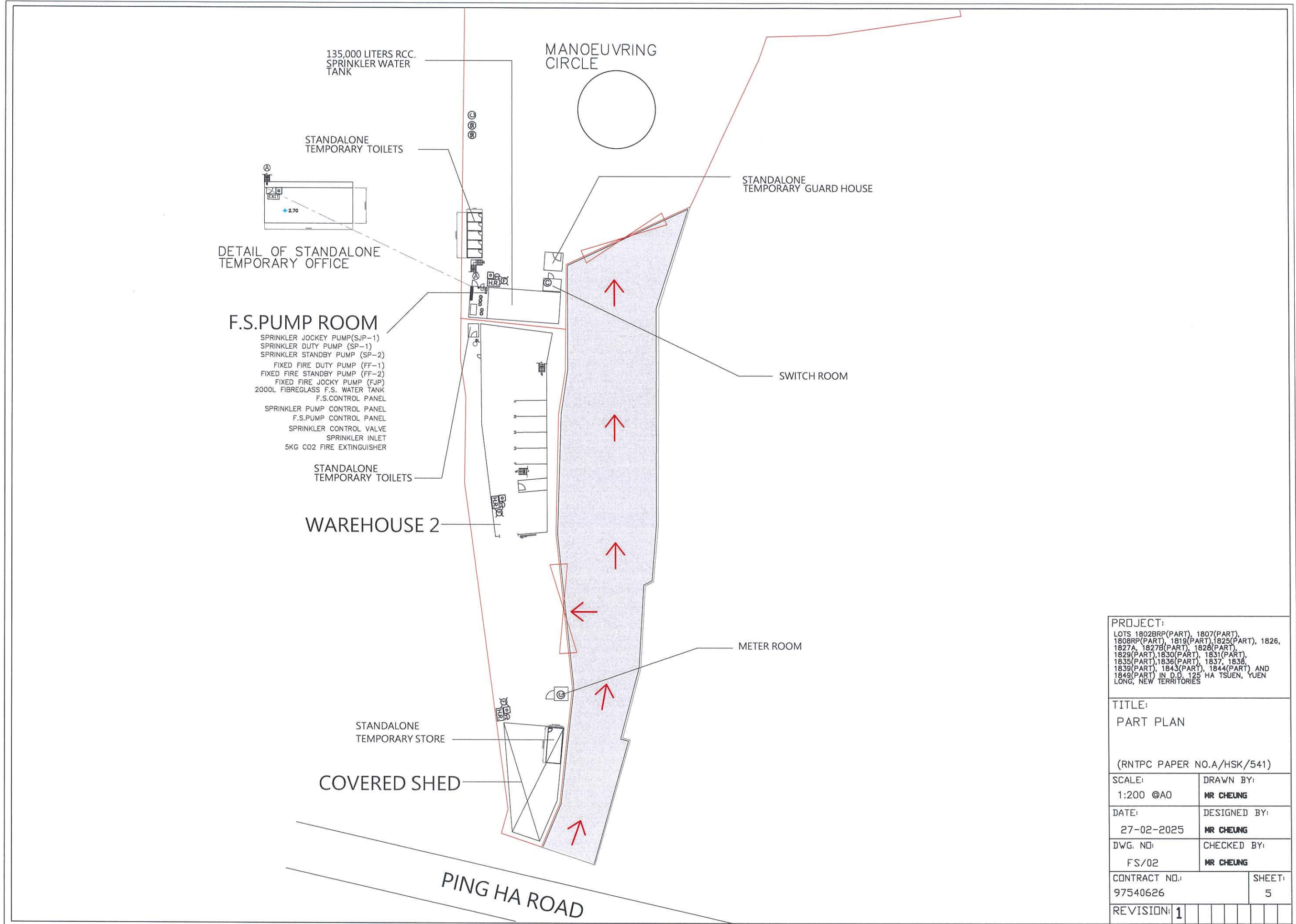


DETAIL OF F.S. PUMP ROOM
(1:200)

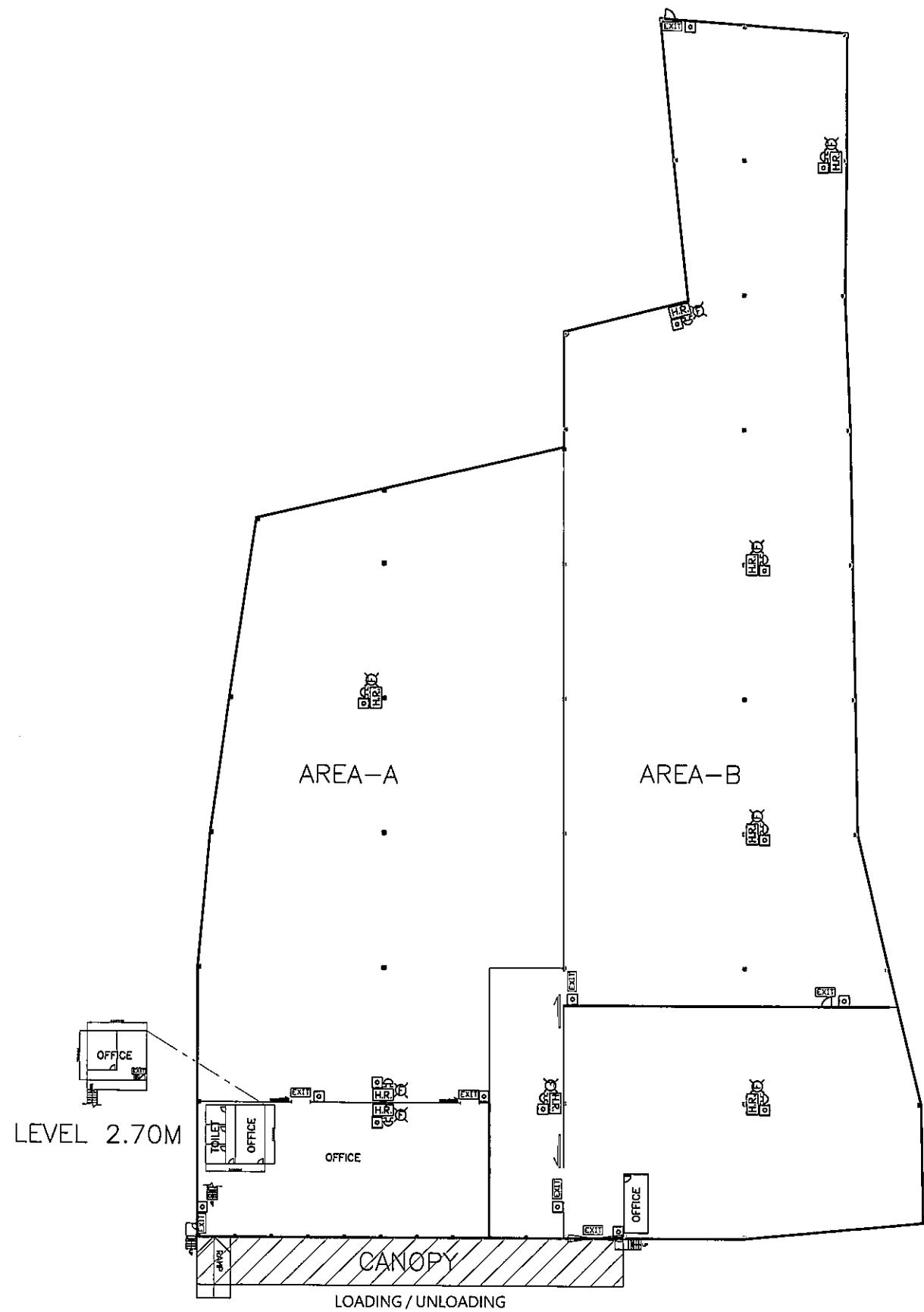
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LOTS 1802BRP(PART), 1807(PART), 1808RP(PART), 1819(PART), 1825(PART), 1826, 1827A, 1827B(PART), 1828(PART), 1829(PART), 1830(PART), 1831(PART), 1835(PART), 1836(PART), 1837, 1838, 1839(PART), 1843(PART), 1844(PART) AND 1849(PART) IN D.D. 125 HA TSUEN, YUEN LONG, NEW TERRITORIES

TITLE:
FS NOTES, LEGEND, DETAIL OF F.S. PUMP ROOM, DETAIL OF STANDALONE TEMPORARY OFFICE, BLOCK PLAN AND SITE LOCATION PLAN (RNTPC PAPER NO.A/HSK/541)

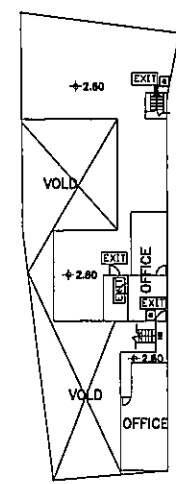
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CONTRACT NO.:	SHEET:
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REVISION:	
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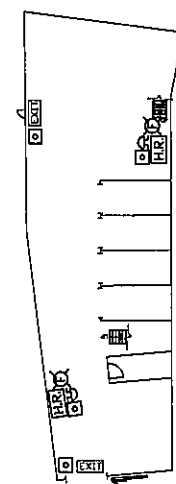
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TITLE:	
PART PLAN	
(RNTPC PAPER NO.A/HSK/541)	
SCALE:	DRAWN BY:
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DATE:	DESIGNED BY:
27-02-2025	MR CHEUNG
DWG. NO:	CHECKED BY:
FS/02	MR CHEUNG
CONTRACT NO.:	SHEET:
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REVISION:	
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WAREHOUSE 1



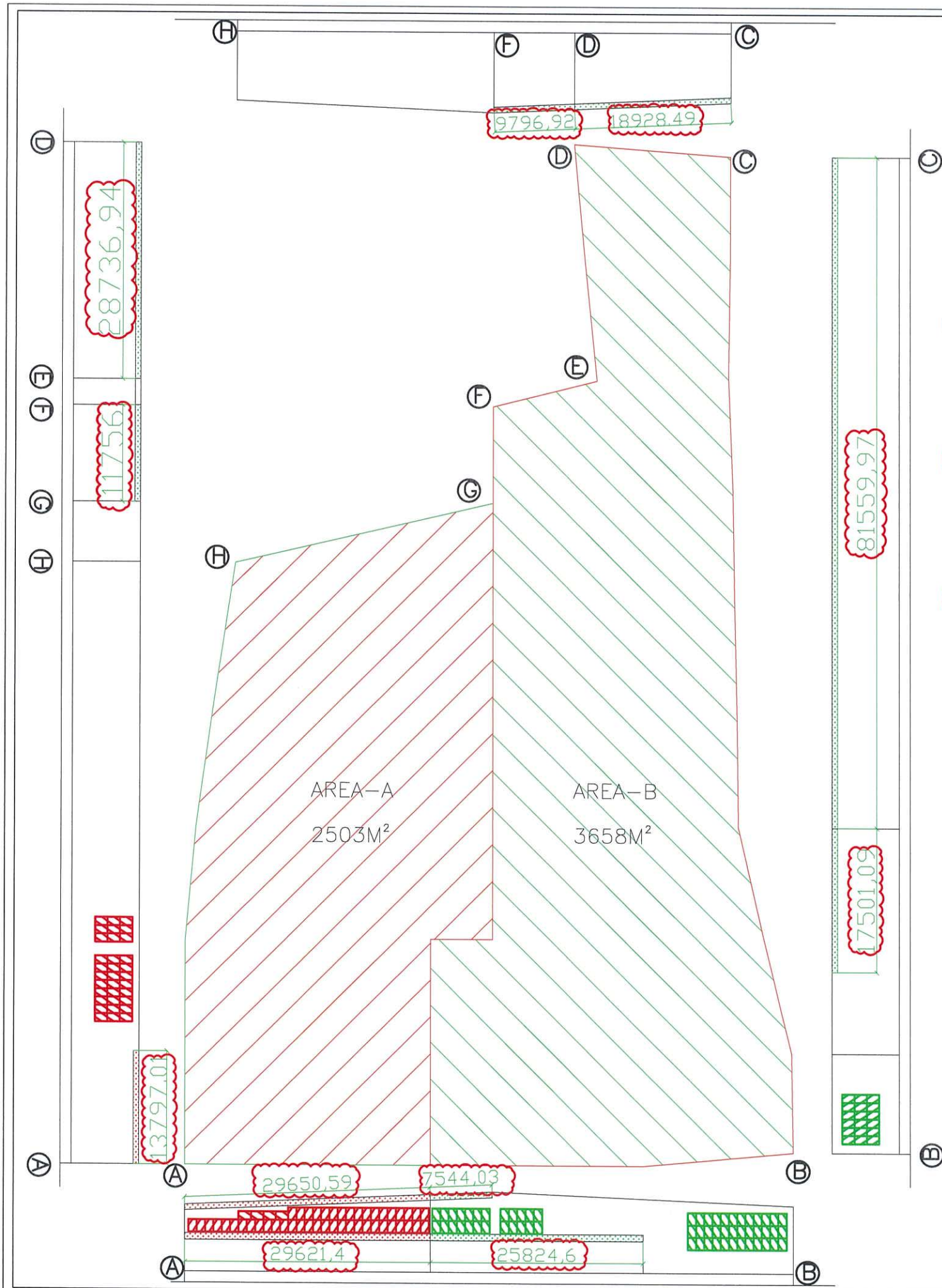
COCKLOFT



GROUND FLOOR

WAREHOUSE 2

PROJECT: LOTS 1802BRP(PART), 1807(PART), 1808BRP(PART), 1818(PART), 1825(PART), 1826, 1827A, 1827B(PART), 1828(PART), 1829(PART), 1830(PART), 1831(PART), 1835(PART), 1836(PART), 1837, 1838, 1839(PART), 1843(PART), 1844(PART) AND 1849(PART) IN D.D. 125 HA TSUEN, YUEN LONG, NEW TERRITORIES	
TITLE: WAREHOUSE 1 AND WAREHOUSE 2 FIRE SERVICES LAYOUT PLAN (RNTPC PAPER NO.A/HSK/541)	
SCALE: 1:200 @A0	DRAWN BY: MR CHEUNG
DATE: 27-02-2025	DESIGNED BY: MR CHEUNG
DWG. NO: FS/03	CHECKED BY: MR CHEUNG
CONTRACT NO.: 97540626	SHEET: 5
REVISION: 1	

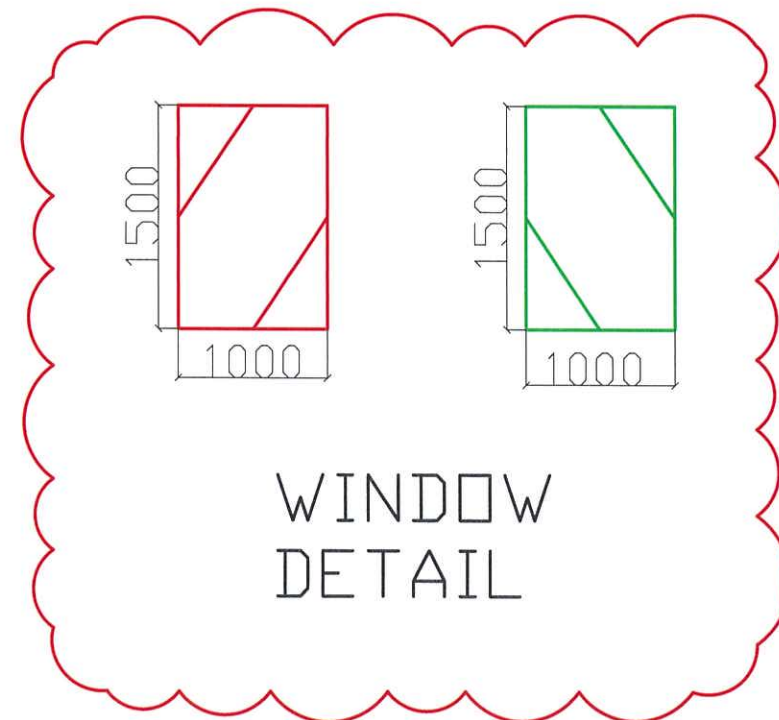


WAREHOUSE 1

FLOOR AREA		REQUIRED OPENABLE WINDOWS
AREA-A	2503 M ²	X 6.25% = 156.5 M ²
AREA-B	3658 M ²	X 6.25% = 228.6 M ²

TOTAL :	6161 M ²	X 6.25% = 385.1 M ²
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OPENABLE WINDOWS	VENTILATION OPENING	PROVIDED OPENABLE WINDOWS
1 M X 1.5 M = 1.5 M ² X 83 Nos. = 124.5 M ²	0.7 M X 73.069 M = 51.14 M ²	175.64 M ²
1 M X 1.5 M = 1.5 M ² X 78 Nos. = 117 M ²	0.7 M X 201.6 M = 141.12 M ²	258.12 M ²
TOTAL :		433.76 M ²



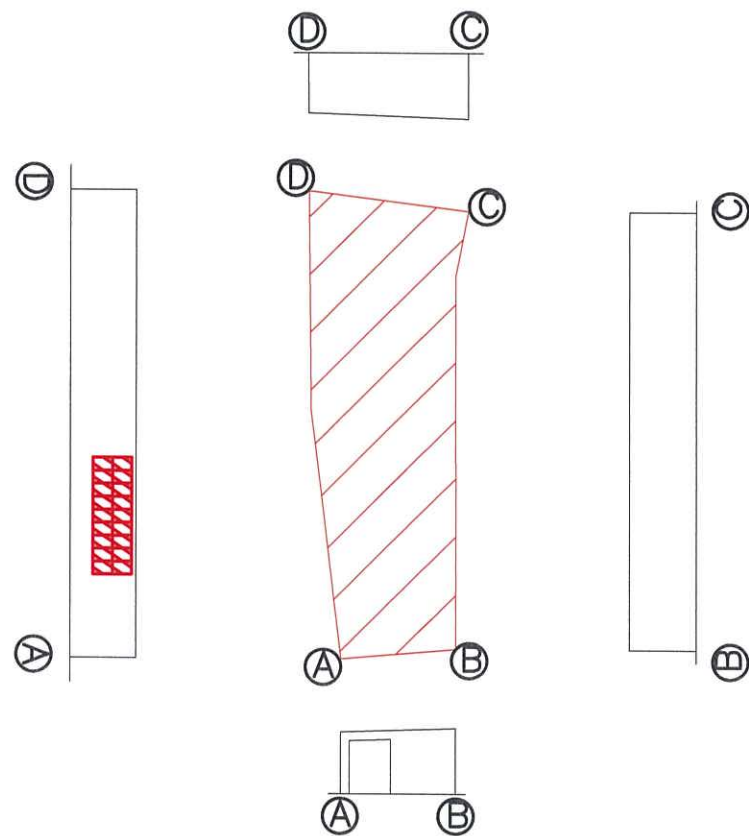
PROJECT:
 LOTS 1802BRP(PART), 1807(PART), 1808BRP(PART), 1819(PART), 1825(PART), 1826, 1827A, 1827B(PART), 1828(PART), 1829(PART), 1830(PART), 1831(PART), 1835(PART), 1836(PART), 1837, 1838, 1839(PART), 1843(PART), 1844(PART) AND 1849(PART) IN D.D. 125 HA TSUEN, YUEN LONG, NEW TERRITORIES

TITLE:
 PROVISION OF OPENABLE WINDOW AREA WITH CALCULATION
 (RNTPC PAPER NO.A/HSK/541)

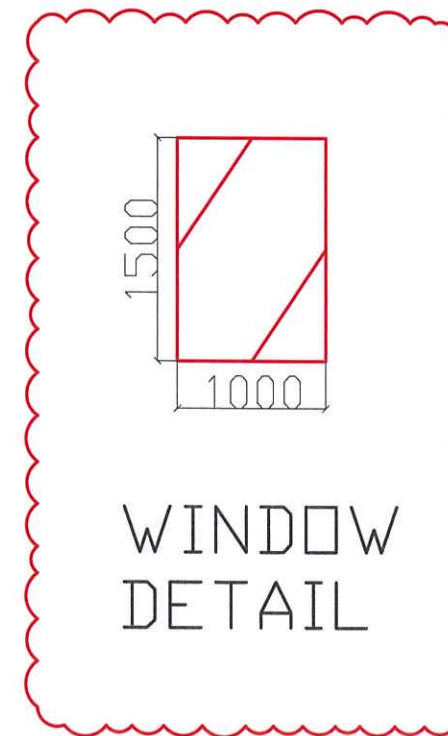
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DATE: 27-02-2025	DESIGNED BY: MR CHEUNG
DWG. NO: FS/04	CHECKED BY: MR CHEUNG
CONTRACT NO.: 97540626	SHEET: 5
REVISION: 1	

WAREHOUSE 2

FLOOR AREA		REQUIRED OPENABLE WINDOWS	OPENABLE WINDOWS	PROVIDED OPENABLE WINDOWS
AREA	371.2 M^2	$\times 6.25\% = 23.2 \text{ M}^2$	$1 \text{ M} \times 1.5 \text{ M} = 1.5 \text{ M}^2 \times 18 \text{ Nos.} = 27 \text{ M}^2$	27 M^2



WAREHOUSE 2



PROJECT:
 LOTS 1802BRP(PART), 1807(PART),
 1808BRP(PART), 1819(PART), 1825(PART), 1826,
 1827A, 1827B(PART), 1828(PART),
 1829(PART), 1830(PART), 1831(PART),
 1835(PART), 1836(PART), 1837, 1838,
 1839(PART), 1843(PART), 1844(PART) AND
 1849(PART) IN D.O. 125 HA TSUEN, YUEN
 LONG, NEW TERRITORIES

TITLE:
 PROVISION OF OPENABLE
 WINDOW AREA WITH
 CALCULATION

(RNTPC PAPER NO.A/HSK/541)

SCALE: 1:200 @A0	DRAWN BY: MR CHEUNG
DATE: 27-02-2025	DESIGNED BY: MR CHEUNG
DWG. NO: FS/05	CHECKED BY: MR CHEUNG
CONTRACT NO.: 97540626	SHEET: 5
REVISION: 1	