

F.S. NOTES

SPRINKLER SYSTEM

1. SINCE THE TOTAL AREAS OF THIS LICENSE APPLICATION IS NOT EXCEEDING 230 SQUARE METER, SPRINKLER SYSTEM SHALL NOT BE PROVIDED.

FIRE ALARM SYSTEM

2. FIRE ALARM SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH BS 5839-1:2017 AND THE FSD CIRCULAR LETTER NO. 6/2021.

3. A MANUALLY OPERATED FIRE ALARM SYSTEM SHALL BE PROVIDED FOR LICENSE AREA OF ENTRANCE.

VISUAL FIRE ALARM SYSTEM

4. VISUAL FIRE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH BS 5839-1:2017, THE FSD CIRCULAR LETTER NO. 2/2012 AND FOLLOW THE DESIGN MANUAL: BARRIER FREE ACCESS 2008 PUBLISHED BY THE BUILDINGS DEPARTMENT.

5. VISUAL FIRE ALARM TO BE PROVIDED AND BE LOCATED AT A PROMINENT LOCATION IN PLACES WHICH ARE INTENDED TO BE ACCESSIBLE TO THE PUBLIC.

HOSE REEL SYSTEM

6. HOSE REEL SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT 2022.

7. HOSE REEL SYSTEM SHALL BE PROVIDED FOR WHOLE BUILDING.

8. THERE ARE SUFFICIENT HOSE REEL TO ENSURE THAT EVERY PART OF THE BUILDING CAN BE REACHED BY A LENGTH OF NOT MORE THAN 30M OF HOSE REEL TUBING.

9. HOSE REEL PUMPS (ON DUTY AND STANDBY) SHALL BE PROVIDED FOR HOSE REEL SYSTEM.

10. A 2000 LITERS HOSE REEL WATER TANK SHALL BE PROVIDED TO SERVE HOSE REEL SYSTEM.

EMERGENCY LIGHTING

12. EMERGENCY LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH BS 5266-1:2016, BS EN 1838:2013 AND THE FSD CIRCULAR LETTER NO. 5/2008.

13. EMERGENCY LIGHTING SHALL BE PROVIDED IN EVERY COMPARTMENT TO REACH G/F.

EXIT SIGN AND DIRECTIONAL SIGN

14. I. THE STANDARDS AND SPECIFICATION OF THE PROPOSED EMERGENCY LIGHTING SHALL BE REVISED TO 'BS 5266-1:2016, BS EN 1838:2013 AND THE FSD CIRCULAR LETTER NO. 4/2021'; AND

II. THE LOCATION OF ALL PROPOSED FSDs, PARTICULARLY THE EMERGENCY LIGHTING TO BE INSTALLED IN EVERY COMPARTMENT ON G/F SHOULD BE CLEARLY INDICATED ON THE LAYOUT PLANS.

POTABLE EQUIPMENT

15. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED AT E POSITION AS SHOWN ON PLANS.

FIRE DETECTION SYSTEM

16. FIRE DETECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH BS 5839-1:2017 AND THE FSD CIRCULAR LETTER NO. 6/2021.

17. SMOKE DETECTOR WITH SOUNDER BASE SHALL BE PROVIDED IN SLEEPING ACCOMMODATION OF LICENSE AREA.

18. THE DETECTOR SHALL BE OF FSD APPROVED TYPE.

19. ON MAIN FIRE ALARM CONTROL PANEL SHALL BE PROVIDED AS INDICATED ON PLANS TO RECEIVE ALL FIRE ALARM SIGNALS.

20. HEAT DETECTOR SHALL BE PROVIDED FOR LAVATORY AND SMOKE DETECTOR SHALL BE PROVIDED FOR LIVING ROOM AND CORRIDOR.

21. ALL FIRE ALARM SIGNALS INCLUDED FIRE DETECTORS, MANUAL FIRE ALARM CALL POINT SHALL BE LINKED TO FSD COMMUNICATION CENTRE VIA. DIRECT LINE PROVIDED BY THE AUTHORIZED SERVICE SERVICE PROVIDER OF THE COMPUTERIZED FIRE ALARM TRANSMISSION SYSTEM.

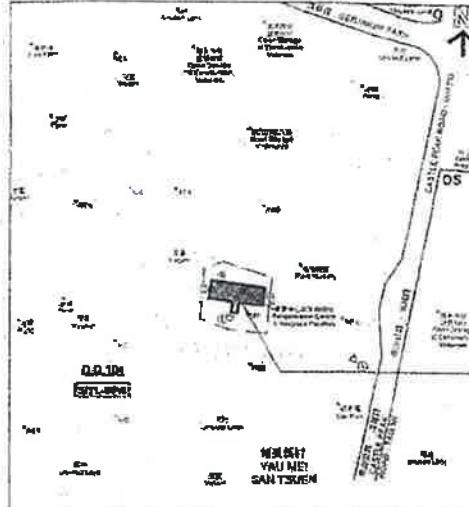
22. IN ADDITION THE APPLICANT IS ADVISED THAT LICENSING REQUIREMENTS WOULD BE FORMULATED, UPON RECEIPT OF FORMAL VIA THE LICENSING AUTHORITY.

LEGEND

<input type="checkbox"/>	LICENSE AREA		FIRE HOSE REEL
	SMOKE DETECTOR		GATE VALVE
	SMOKE DETECTOR WITH SOUNDER BASE		CHECK VALVE
	HEAT DETECTOR		FLEXIBLE CONNECTOR
	REMOTE INDICATION LAMP		Y-TYPE STRAINER
	REMOTE INDICATION LAMP (WEATHERPROOF TYPE)		BALL FLOAT VALVE
	VISUAL FIRE ALARM		STRAINER
	EMERGENCY LIGHTING WITH BACK UP BATTERY		CHECK METER POSITION



4/2021
S.Y.



元朗米埔量地份
第104約地段 第4620號1樓
FIRST FLOOR, LOT 4620
IN D.D. 104, MAI PO,
YUEN LONG

BLOCK PLAN

ABBREVIATION

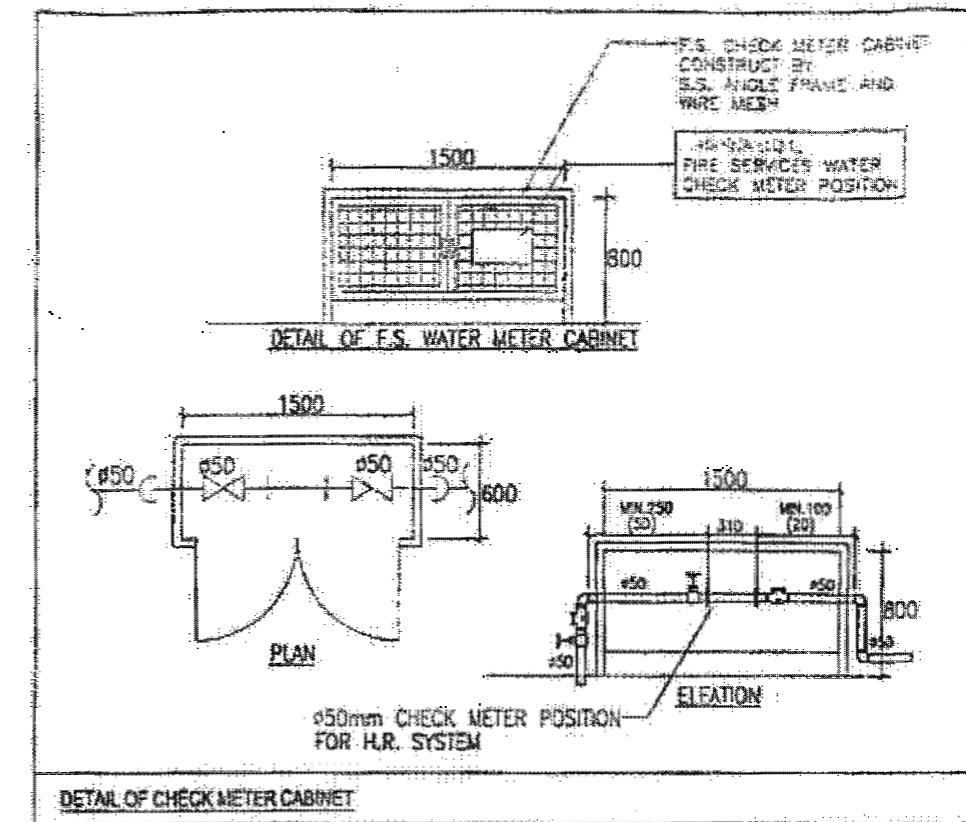
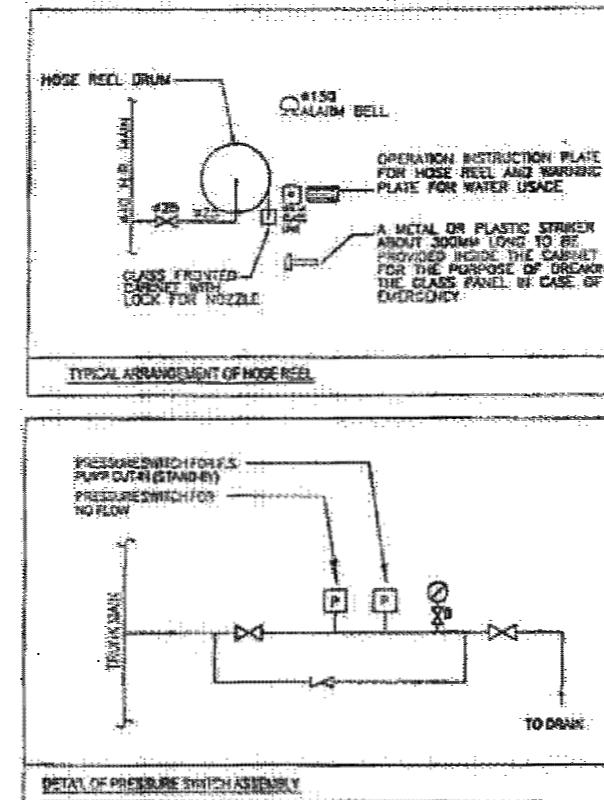
L.	LOW LEVEL	F.E.	FIRE EXTINGUISHER
H.L.	HIGH LEVEL	F.S.	FIRE SERVICES
FSD	FIRE SERVICES DEPARTMENT	S.S.	STAINLESS STEEL
WSD	WATER SUPPLIES DEPARTMENT	H.R.	HOSE REEL
COP	CODE OF PRACTICE	A.A.V.	AUTOMATIC AIR VENT
T/A	TO ABOVE		
T/B	TO BELOW		
F/A	FROM ABOVE		

	PRESSURE GAUGE C/W BALL VALVE
	PRESSURE SWITCH
	AUTOMATIC AIR VENT
	LEVEL FLOAT SWITCH
	MANUAL FIRE ALARM CALL POINT
	F.S. CONTROL PANEL
	HOSE REEL PUMP
	CONTROL MODULE

COLOUR CODE FOR PIPE SIZES:

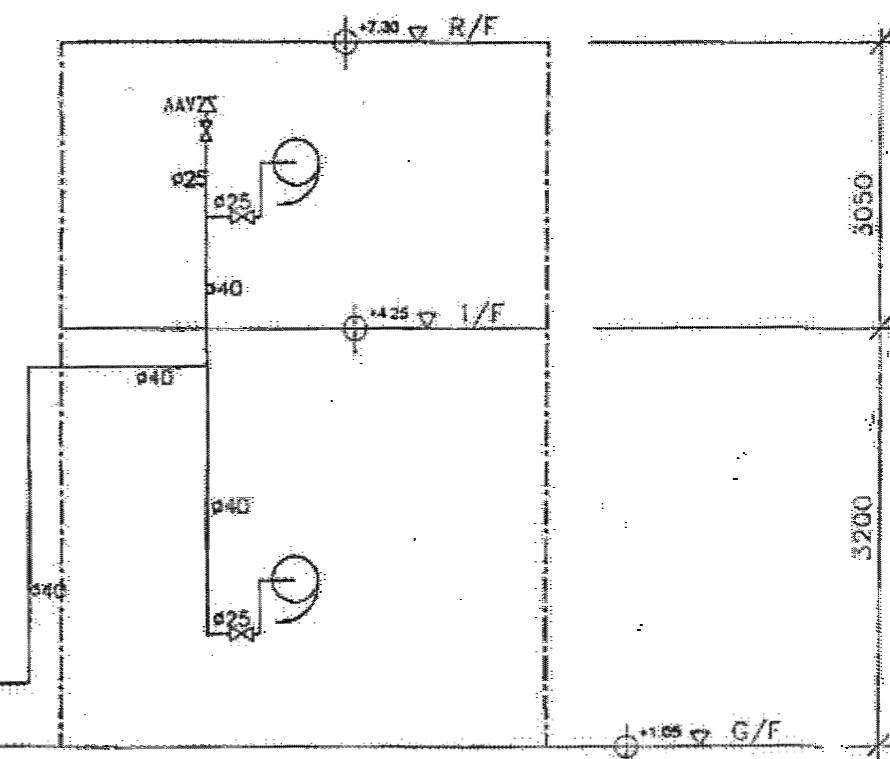
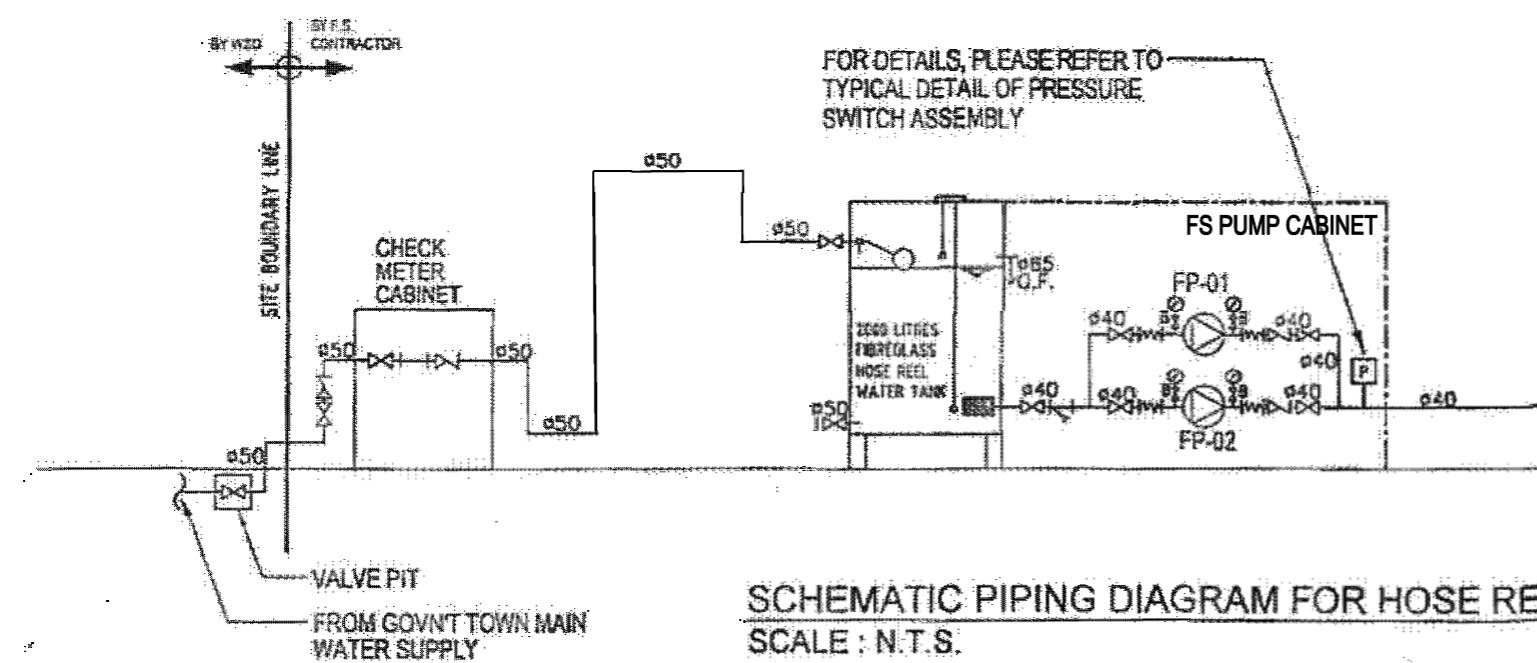
PIPE SIZE	COLOUR CODE
25mm diameter	GREEN
40mm diameter	PURPLE
50mm diameter	YELLOW

FSD CONTRACTOR:	CLIENT:	PROJECT:	TITLE:	R3	REVISED	08/2024	SCALE:	NTS	JOB NO.:
				R2	REVISED	12/2023	DRAWN:	CAD	
	MISSION ARK LTD.	元朗米埔量地份 第104約地段 第4620號1樓 (關善時社會福利設施樂物倚賴者治療及康復中心)	F.S. NOTES, LEGEND, BLOCK PLAN, ABBREVIATION AND COLOUR CODE FOR PIPE SIZES	R1	REVISED	08/2023	CHECKED:	OK HO	DRAWING NO.:
				NO.	REVISIONS	DATE:	BY	DATE:	FS-01



FS PUMP SCHEDULE

	TYPE OF PUMP	FLOW RATE (L/min)	PRESSURE (bar)	MOTOR SPEED (RPM)	POWER RATING (kW)
HOSE REEL PUMP FP-01 & FP-02	MULTI-STAGE VERTICAL TYPE	60	5	2900	1.5



SCHEMATIC PIPING DIAGRAM FOR HOSE REEL SYSTEM
SCALE : N.T.S.

FSI CONTRACTOR:



CLIENT:

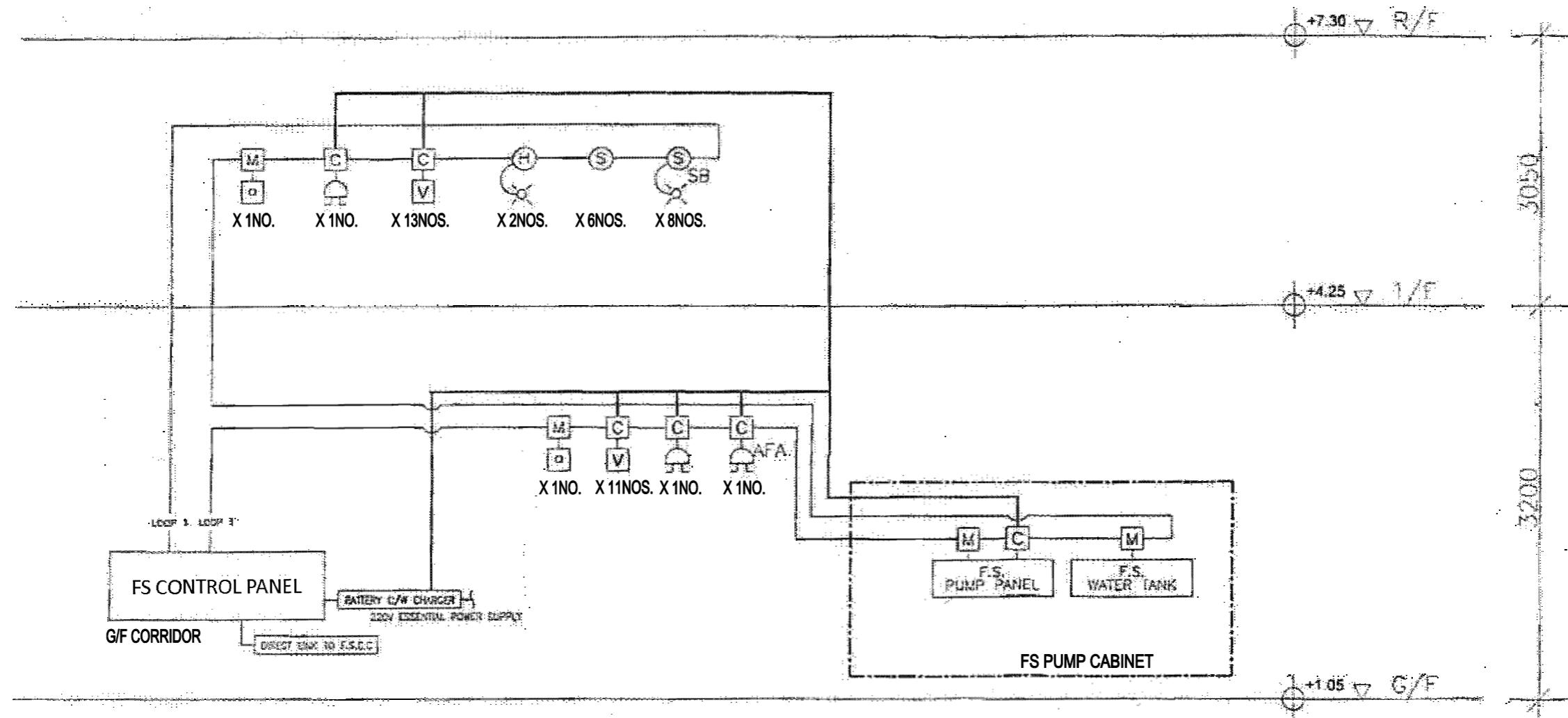
BBQ II

元朗米埔丈量約份
第104約地段 第4620號1樓
(闢臨時社會福利設施藥物倚賴者治療及康復中心)

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SCHEMATIC PIPING DIAGRAM FOR HOSE REEL SYSTEM AND PUMP SCHEDULE

R3	REVISED	06/2024		SCALE: NTS	JOB NO.: WK230927
R2	REVISED	12/2023		DRAWN: CAD	
R1	REVISED	09/2023		CHECKED: CK HO	DRAWING NO.: FS-02
NO.	REVISIONS	DATE:	BY	DATE:	



SCHEMATIC CONTROL WIRING DIAGRAM FOR FIRE ALARM SYSTEM
SCALE : N.T.S.

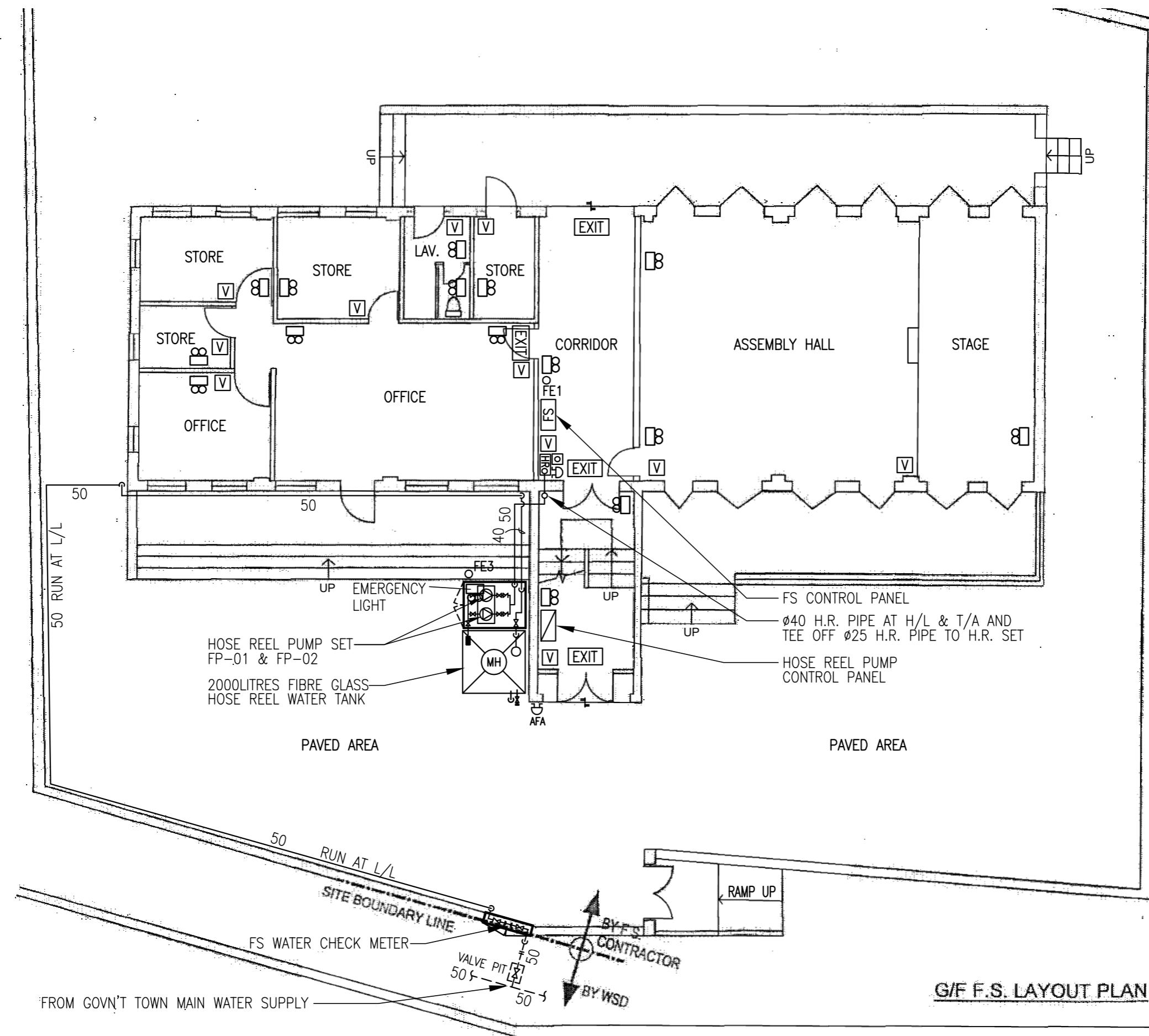


CLIENT:
MISSION ARK LTD.

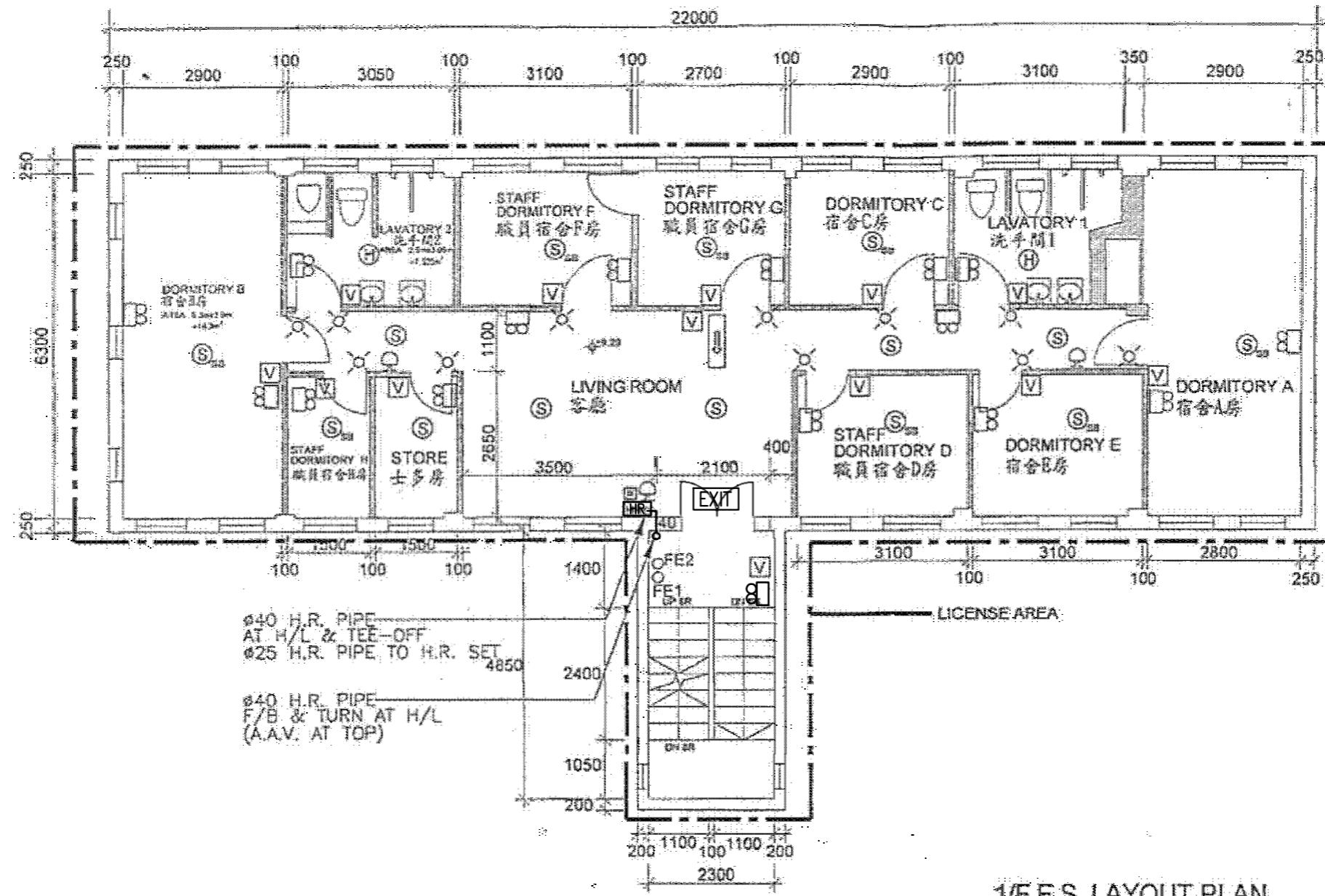
PROJECT:
元朗米埔丈量約份
第104約地段 第4620號1樓
(關臨時社會福利設施藥物倚賴者治療及康復中心)

TITLE:
SCHEMATIC CONTROL WIRING DIAGRAM
FOR FIRE ALARM SYSTEM

R3	REVISED	06/2024	SCALE: NTS	JOB NO.: WK230927
R2	REVISED	12/2023	DRAWN: CAD	
R1	REVISED	09/2023	CHECKED: CK HO	DRAWING NO.: FS-03
NO.	REVISIONS	DATE: BY	DATE:	



FSI CONTRACTOR:		CLIENT:	PROJECT:	TITLE:	R3	REVISED	06/2024		SCALE: 1:100	JOB NO.: WK230927
		MISSION ARK LTD.	元朗米埔丈量約份 第104約地段 第4620號1樓 (關臨時社會福利設施藥物倚賴者治療及康復中心)	F.S. LAYOUT PLAN FOR FIRST FLOOR	R2	REVISED	12/2023		DRAWN: CAD	
					R1	REVISED	09/2023		CHECKED: CK HO	DRAWING NO.: FS-04
					NO.	REVISIONS	DATE:	BY	DATE:	



1/F F.S. LAYOUT PLAN

TOTAL FLOOR AREA: $(22m \times 6.3m) + (4.85m \times 2.3m)$

$$= 138.6m^2 + 11.155m^2$$

$$= 149.755m^2$$

CONCLUSION, TOTAL LICENSE FLOOR AREA IS 149.755m², WHICH IS LESS THAN 230m², THEREFOR NO SPRINKLER SYSTEM IS REQUIRED.



CLIENT:
MISSION ARK LTD.

PROJECT:
元朗米埔丈量約份
第104約地段 第4620號1樓
(關臨時社會福利設施藥物倚賴者治療及康復中心)

TITLE:
F.S. LAYOUT PLAN FOR FIRST FLOOR

R3	REVISED	06/2024	SCALE: 1:100	JOB NO.: WK230927
R2	REVISED	12/2023	DRAWN: CAD	
R1	REVISED	09/2023	CHECKED: CK HO	DRAWING NO.: FS-05
NO.	REVISIONS	DATE: BY	DATE:	