

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.

MANUAL FIRE ALARM SYSTEM

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

4. HOSE REEL SYSTEM SHALL BE PROVIDED FOR WHOLE BUILDING.
5. 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.
6. HOSE REEL PUMPS (ON DUTY AND STANDBY) SHALL BE PROVIDED FOR HOSE REEL SYSTEM.
7. A 2000 LITERS HOSE REEL WATER TANK SHALL BE PROVIDED TO SERVE HOSE REEL SYSTEM.

EXIT SIGN

8. SUFFICIENT EXIT SIGN AND DIRECTIONAL SIGN SHALL BE PROVIDED WITHIN THE LICENSE AREA TO ENSURE THAT ALL EXIT ROUTES AREA CLEARLY INDICATED AND COMPLY WITH FSD CIRCULAR LETTER 5/2008 AND FIRE CODE OF PRACTICE.

EMERGENCY LIGHTING

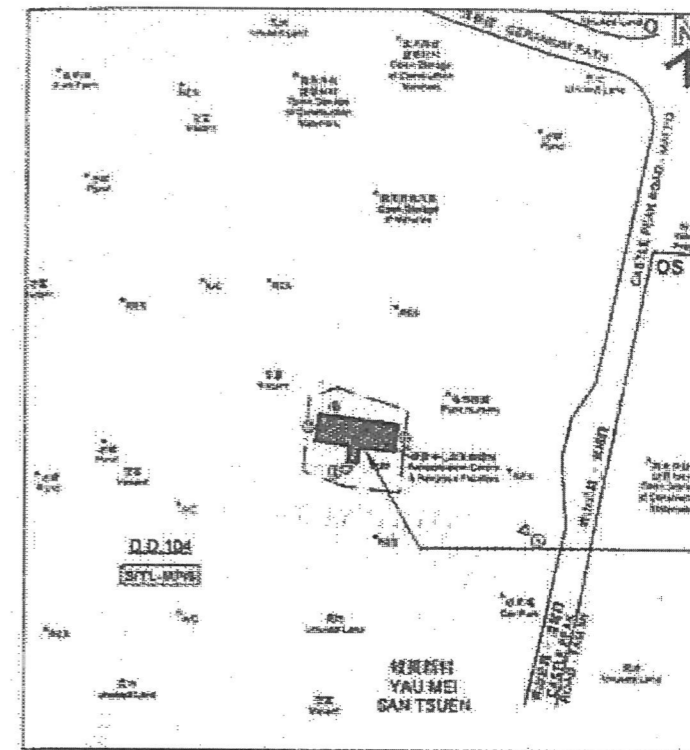
9. EMERGENCY LIGHTING SHALL BE PROVIDED FOR THE LICENSE AREA IN ACCORDANCE WITH BS5266 PART 1 AND PPA/104A.

POTABLE EQUIPMENT

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

FIRE DETECTION SYSTEM

11. SMOKE DETECTOR WITH SOUNDER BASE SHALL BE PROVIDED IN SLEEPING ACCOMMODATION OF LICENSE AREA.
12. THE DETECTOR SHALL BE OF FSD APPROVED TYPE.
13. ON MAIN FIRE ALARM CONTROL PANEL SHALL BE PROVIDED AS INDICATED ON PLANS TO RECEIVE ALL FIRE ALARM SIGNALS.
14. HEAT DETECTOR SHALL BE PROVIDED FOR LAVATORY AND SMOKE DETECTOR SHALL BE PROVIDED FOR LIVING ROOM AND CORRIDOR.
15. 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.



元朗米埔丈量約份
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/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		

LEGEND

LICENSE AREA	FIRE HOSE REEL	5KG DRY POWDER FIRE EXTINGUISHER	PRESSURE GAUGE C/W BALL VALVE	<h3>COLOUR CODE FOR PIPE SIZES:</h3> <table border="0"> <tr> <td>PIPE SIZE</td> <td>COLOUR CODE</td> </tr> <tr> <td>25mm diameter</td> <td>GREEN</td> </tr> <tr> <td>40mm diameter</td> <td>PURPLE</td> </tr> <tr> <td>50mm diameter</td> <td>YELLOW</td> </tr> </table>		PIPE SIZE	COLOUR CODE	25mm diameter	GREEN	40mm diameter	PURPLE	50mm diameter	YELLOW
PIPE SIZE	COLOUR CODE												
25mm diameter	GREEN												
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SMOKE DETECTOR	GATE VALVE	9L WATER TYPE FIRE EXTINGUISHER	PRESSURE SWITCH										
SMOKE DETECTOR WITH SOUNDER BASE	CHECK VALVE	5KG CO2 GAS TYPE FIRE EXTINGUISHER	AUTOMATIC AIR VENT										
HEAT DETECTOR	FLEXIBLE CONNECTOR	EXIT SIGN BOX	LEVEL FLOAT SWITCH										
REMOTE INDICATION LAMP	Y-TYPE STRAINER	DIRECTIONAL SIGN BOX	MANUAL FIRE ALARM CALL POINT										
REMOTE INDICATION LAMP (WEATHERPROOF TYPE)	BALL FLOAT VALVE	FIRE ALARM BELL	F.S. CONTROL PANEL										
VISUAL FIRE ALARM	STRAINER	MASTER FIRE ALARM BELL	HOSE REEL PUMP										
EMERGENCY LIGHTING WITH BACK UP BATTERY	CHECK METER POSITION	MONITOR MODULE	CONTROL MODULE										

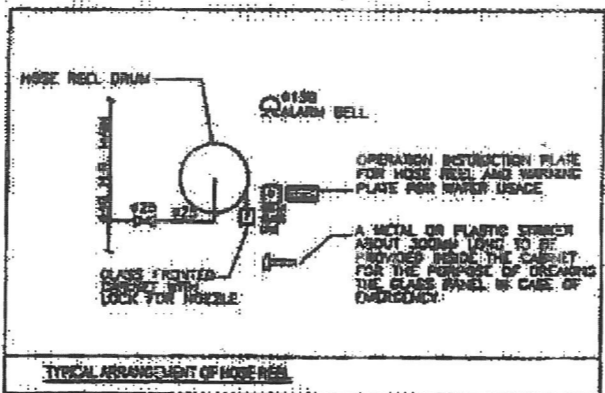
FSI CONTRACTOR: WING KAI WING KAI ENG. CO. No. 8, 7/F., Kingsford Industrial Centre, 13 Wang Hoi Road, Kowloon Bay, Kln Tel:27561722 Fax:27951775	CLIENT: MISSION ARK LTD.	PROJECT: 元朗米埔丈量約份 第104約地段 第4620號1樓 (關臨時社會福利設施藥物倚賴者治療及康復中心)	TITLE: F.S. NOTES, LEGEND, BLOCK PLAN, ABBREVIATION AND COLOUR CODE FOR PIPE SIZES	SCALE: NTS	JOB NO.: WK230927
				DRAWN: CAD	DRAWING NO.: FS-01
R1	REVISED	09/2023	CHECKED: CK HO		
NO.	REVISIONS	DATE:	BY	DATE:	

**TO OPERATE FIRE HOSE REEL
使用消防喉轆**

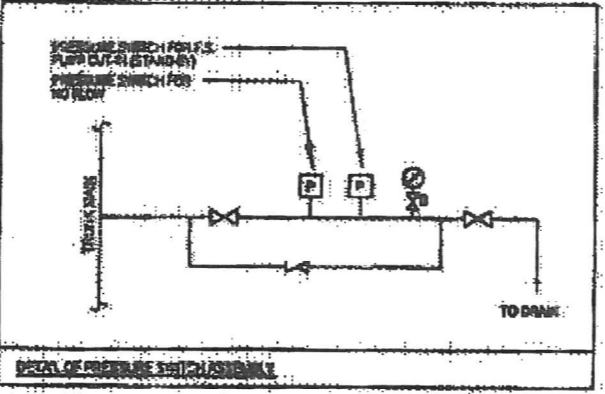
- 1) ACTIVATE FIRE ALARM / CALL POINT
啟動火警鈴聲
- 2) OPEN CONTROL VALVE BEFORE BUSHING OUT HOSE.
先開喉轆水喉，再拉出喉轆
- 3) TURN ON WATER AT NOZZLE AND DIRECT JET AT BASE OF FIRE.
將喉轆射水喉，將水射向火之基部
(NOT SUITABLE FOR ELECTRICAL FIRES)
不適用於電氣火

消防用水 嚴禁作其他用途
USE OF WATER FROM FIRE SERVICES FOR PURPOSES
OTHER THAN FIRE FIGHTING IS STRICTLY PROHIBITED
水務監督辦事處
OFFICE OF THE WATER AUTHORITY

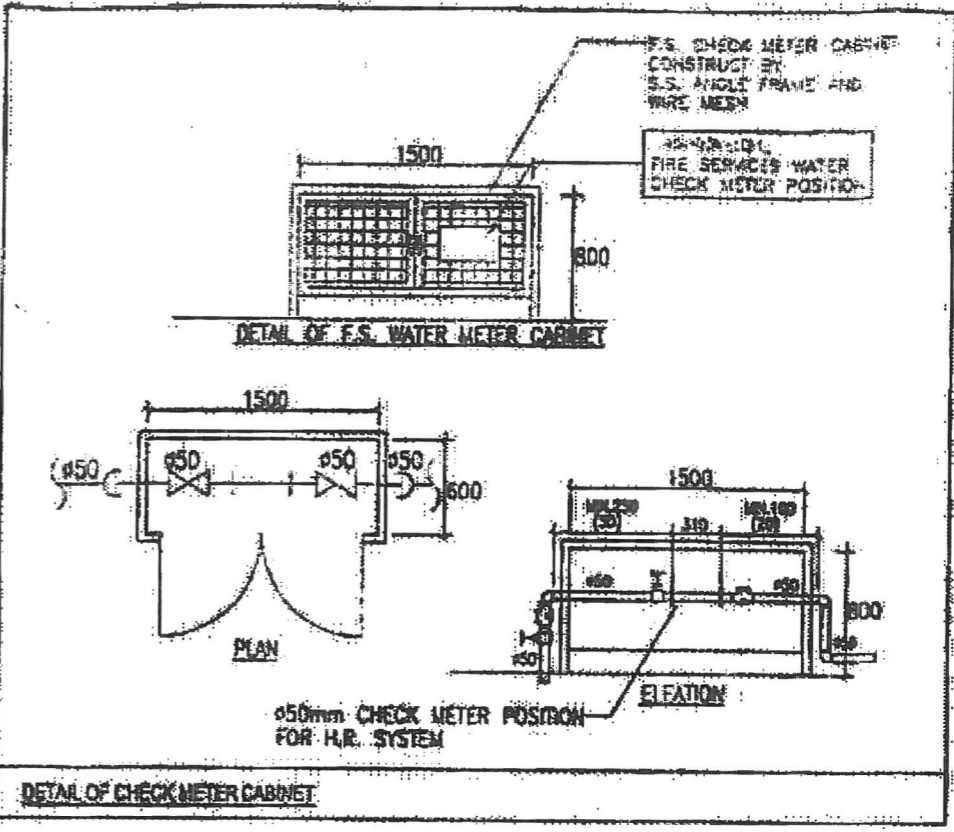
DETAIL OF HOSE REEL OPERATION INSTRUCTION PLATE



TYPICAL ARRANGEMENT OF HOSE REEL

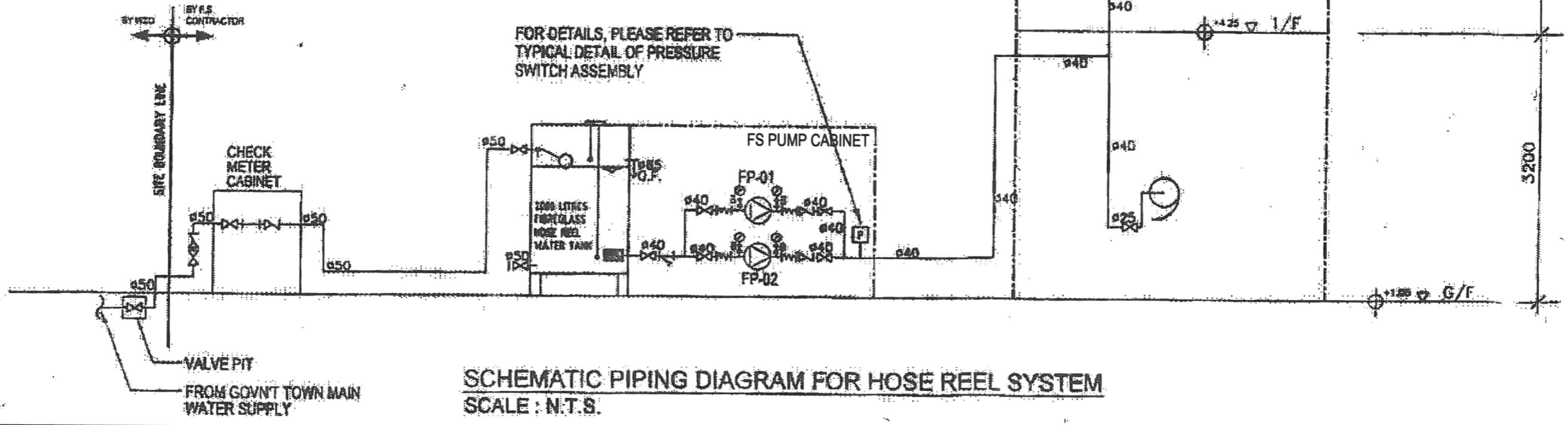


DETAIL OF PRESSURE SWITCH ASSEMBLY



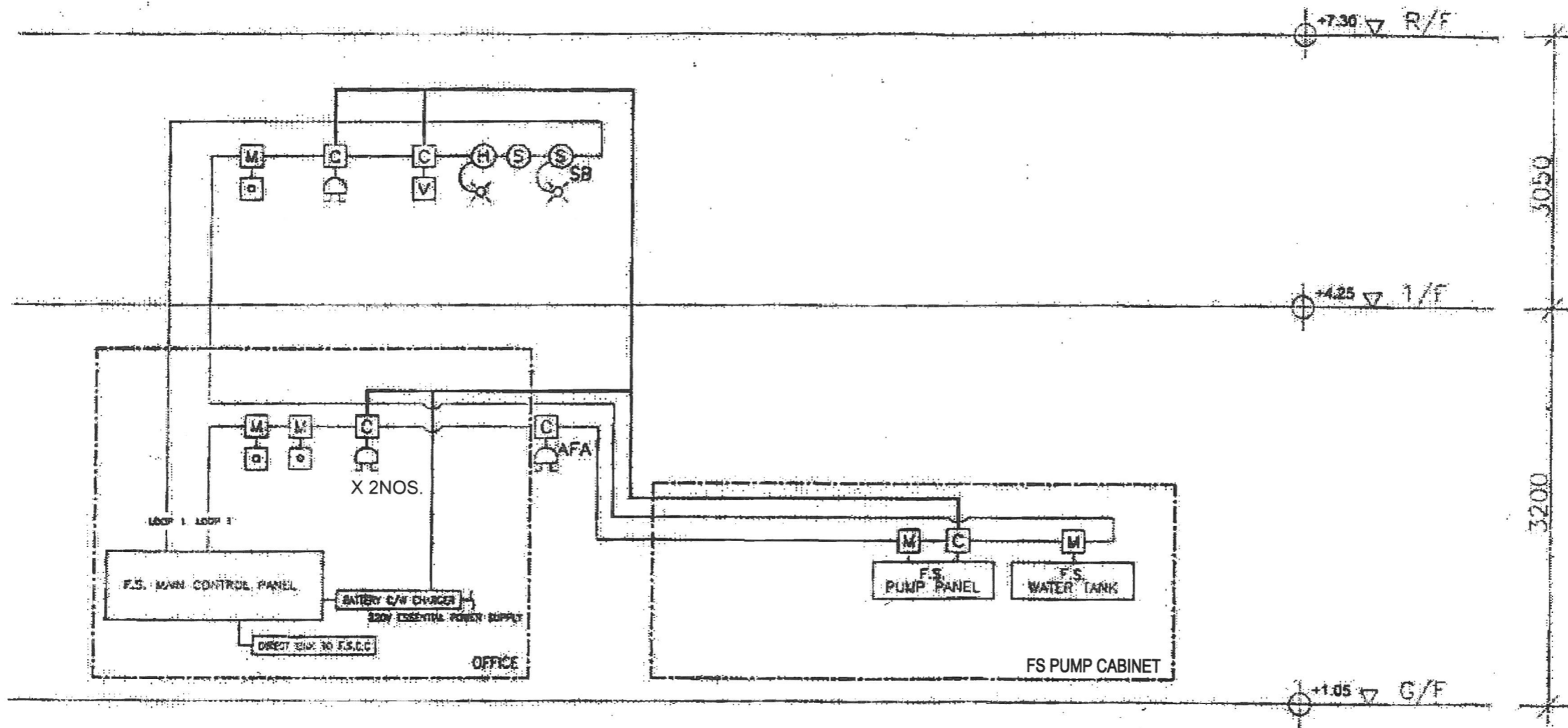
FS PUMP SCHEDULE

	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




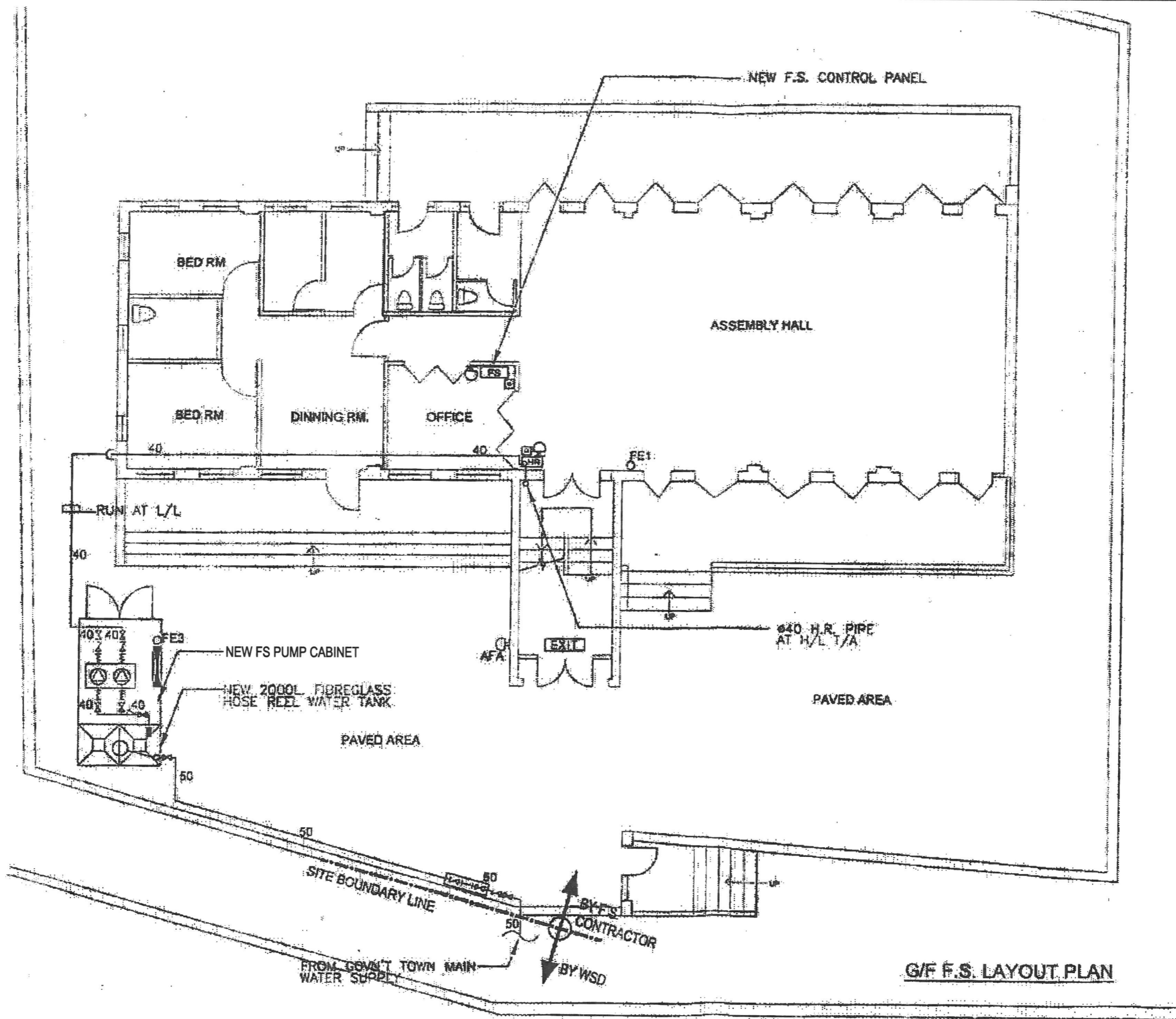
SCHEMATIC PIPING DIAGRAM FOR HOSE REEL SYSTEM
SCALE: N.T.S.

FSI CONTRACTOR: WING KAI	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 PIPING DIAGRAM FOR HOSE REEL SYSTEM AND PUMP SCHEDULE	SCALE: NTS	JOB NO.: WK230927
				DRAWN: CAD	
				CHECKED: CK HO	DRAWING NO.: FS-02
				NO. REVISIONS	DATE: BY DATE:




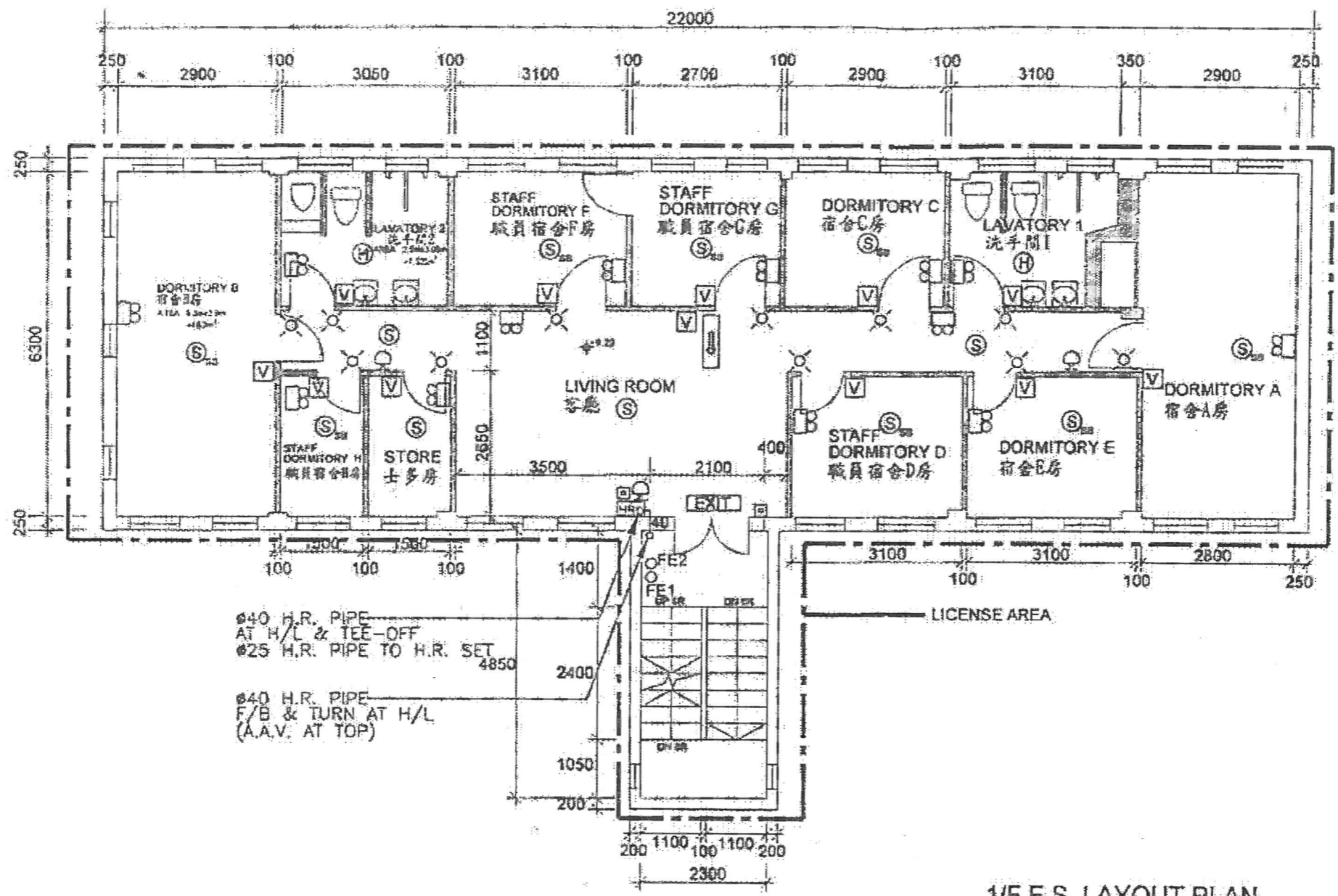
SCHEMATIC CONTROL WIRING DIAGRAM FOR FIRE ALARM SYSTEM
SCALE : N.T.S.

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				DRAWN: CAD		
				R1 REVISED 09/2023	CHECKED: CK HO	DRAWING NO.: FS-03
				NO. REVISIONS	DATE: BY DATE:	



G/F F.S. LAYOUT PLAN

FSI CONTRACTOR:  WING KAI ENG. CO. No. 8, 7/F., Kingsford Industrial Centre, 13 Wang Hoi Road, Kowloon Bay, Kln Tel:27561722 Fax:27951775	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	SCALE: 1:100	JOB NO.: WK230927
				DRAWN: CAD	
				CHECKED: CK HO	DRAWING NO.: FS-04
NO.	REVISIONS	DATE:	BY	DATE:	




Ø40 H.R. PIPE
 AT H/L & TEE-OFF
 Ø25 H.R. PIPE TO H.R. SET 4850

 Ø40 H.R. PIPE
 F/B & TURN AT H/L
 (A.A.V. AT TOP)

1/F F.S. LAYOUT PLAN

TOTAL FLOOR AREA: (22m x 6.3m) + (4.85m x 2.3m)
 = 138.6m² + 11.155m²
 = 149.755m²

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

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				DRAWN: CAD	DRAWING NO.: FS-05
				R1 REVISED 09/2023	CHECKED: CK HO
				NO. REVISIONS	DATE: BY DATE: