

F.S. NOTES

SPRINKLER SYSTEM

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

MANUAL FIRE ALARM SYSTEM

- A MANUALLY OPERATED FIRE ALARM SYSTEM SHALL BE PROVIDED FOR LICENSE AREA OF ENTRANCE.
- 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 SHALL BE PROVIDED FOR WHOLE BUILDING.
- 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 TURNING.
- HOSE REEL PUMPS (ON DUTY AND STANDBY) SHALL BE PROVIDED FOR HOSE REEL SYSTEM.
- A 2000 LITERS HOSE REEL WATER TANK SHALL BE PROVIDED TO SERVE HOSE REEL SYSTEM.

EXIT SIGN

- 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

- EMERGENCY LIGHTING SHALL BE PROVIDED FOR THE LICENSE AREA IN ACCORDANCE WITH BSS286 PART 1 AND PPA/104A.

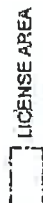
POTABLE EQUIPMENT

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

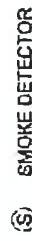
FIRE DETECTION SYSTEM

- SMOKE DETECTOR WITH SOUNDER BASE SHALL BE PROVIDED IN SLEEPING ACCOMMODATION OF LICENSE AREA.
- THE DETECTOR SHALL BE OF FSD APPROVED TYPE.
- ON MAIN FIRE ALARM CONTROL PANEL SHALL BE PROVIDED AS INDICATED ON PLANS TO RECEIVE ALL FIRE ALARM SIGNALS.
- HEAT DETECTOR SHALL BE PROVIDED FOR LAVATORY AND SMOKE DETECTOR SHALL BE PROVIDED FOR LIVING ROOM AND CORRIDOR.
- 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 PROVIDER OF THE COMPUTERIZED FIRE ALARM TRANSMISSION SYSTEM.

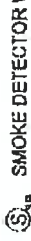
LEGEND



LICENCE AREA



SMOKE DETECTOR



SMOKE DETECTOR WITH SOUNDER BASE



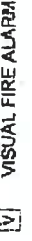
HEAT DETECTOR



REMOTE INDICATION LAMP



REMOTE INDICATION LAMP (WEATHERPROOF TYPE)



VISUAL FIRE ALARM



EMERGENCY LIGHTING WITH BACK UP



BATTERY



FIRE HOSE REEL



GATE VALVE



CHECK VALVE



FLEXIBLE CONNECTOR



Y-TYPE STRAINER



BALL FLOAT VALVE



STRAINER



CHECK METER POSITION



5KG DRY POWDER FIRE EXTINGUISHER



9L WATER TYPE FIRE EXTINGUISHER



5KG CO₂ GAS TYPE FIRE EXTINGUISHER



EXIT SIGN BOX



DIRECTIONAL SIGN BOX



FIRE ALARM BELL



MASTER FIRE ALARM BELL



MONITOR MODULE



PRESSURE GAUGE CALL POINT



BALL VALVE



PRESSURE SWITCH



AUTOMATIC AIR VENT



LEVEL FLOAT SWITCH



MANUAL FIRE ALARM CALL POINT



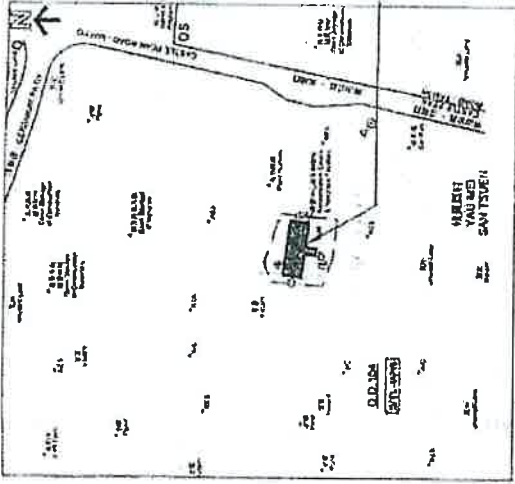
F.S. CONTROL PANEL



HOSE REEL PUMP



CONTROL MODULE



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		

COLOUR CODE FOR PIPE SIZES:

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



鄭志華

FS CONTRACTOR:



WING KAI ENG. CO.
No. 8, 7/F., Kingford Industrial Centre,
13, Wang Tsing Street, Newham Bay, HK
TEL: 581722 FAX: 2751775

CLIENT:

MISSION ARK LTD.

PROJECT:

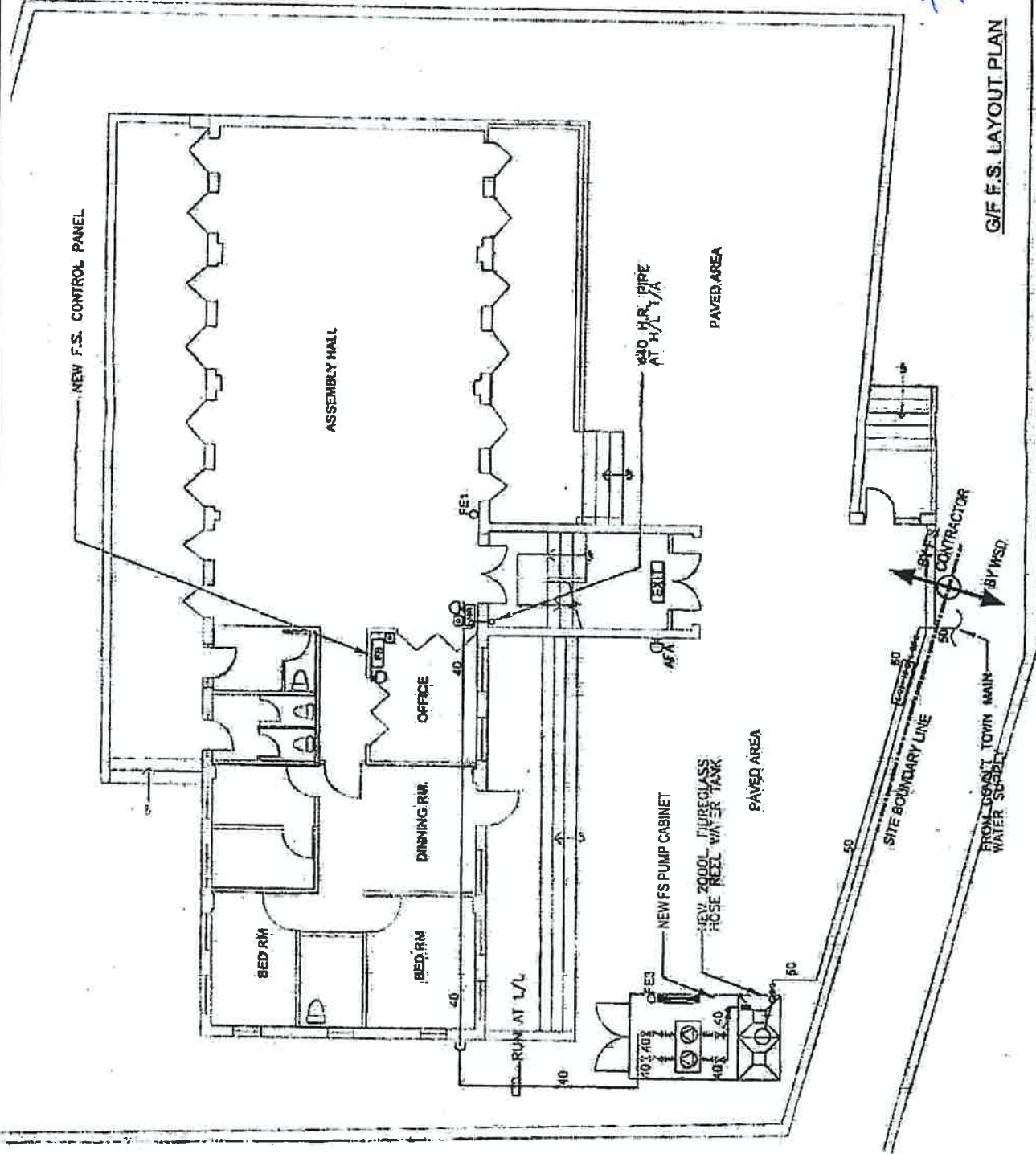
元朗米埔文庫部份
第104號地段 第4620號樓
(圖書館社會福利設施藥物資訊中心及康復中心)

TITLE:

F.S. NOTES, LEGEND, BLOCK PLAN,
ABBREVIATION AND COLOUR CODE
FOR PIPE SIZES

NO.	REVISIONS	DATE	BY
R1	REVISED	09/2023	

SCALE:	NIS	JOB NO.:	WK230927
DRAWN:	CAD	DRAWING NO.:	FS-01
CHECKED:	CK	DATE:	

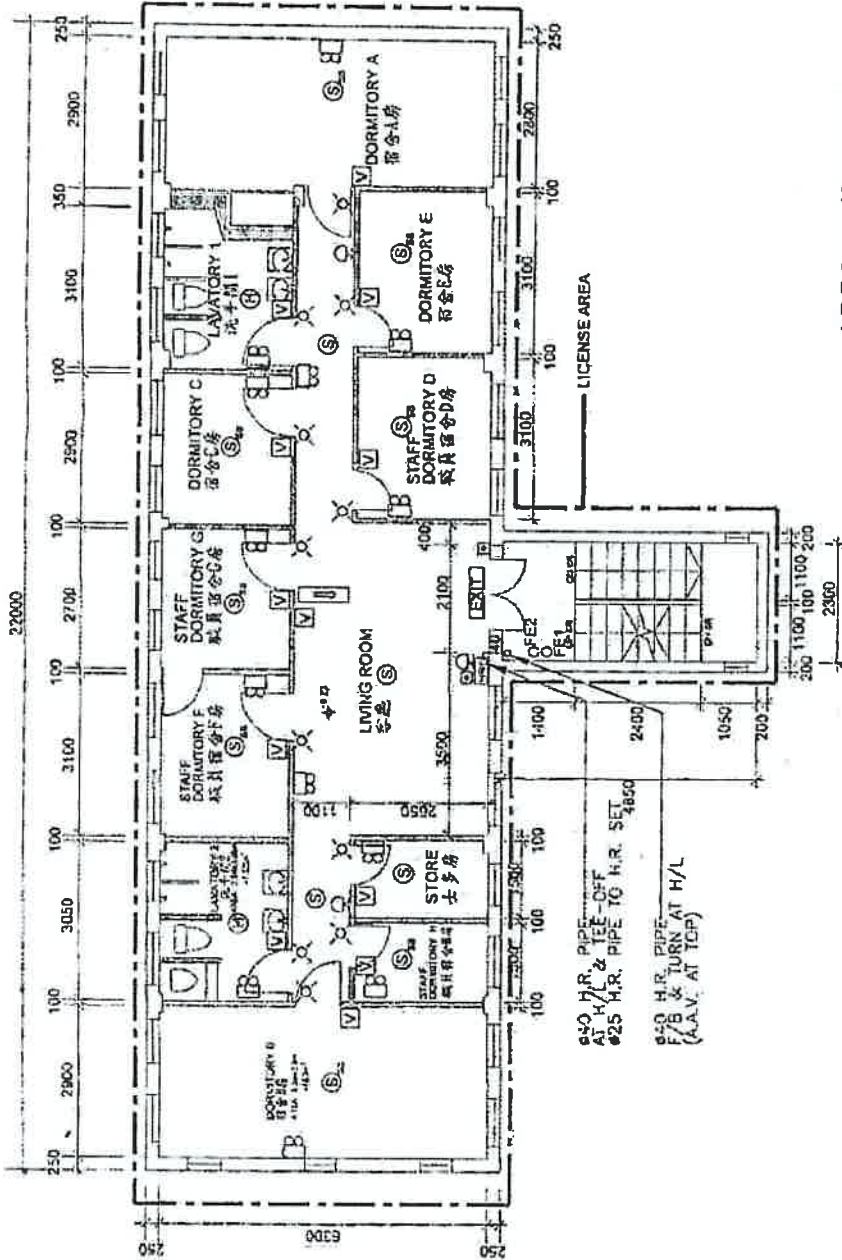


G/F F.S. LAYOUT PLAN



鄭志輝

FSI CONTRACTOR:	WING KAI ENG. CO. No. 8, 7/F., Kingford Industrial Centre, 13 Wang Ho Road, Kowloon Bay, Kln Tel: 27951722 Fax: 27951775		CLIENT:	MISSION ARK LTD.		PROJECT:	元朗米埔丈量地 第104的地段 第4620號1樓 (劃定為社會福利政策諮詢及發展中心)		TITLE:	F.S. LAYOUT PLAN FOR FIRST FLOOR	
	FIRE PROTECTION MISSION ARK										
									JOB NO.: W230927		
									SCALE: 1:100		
									DRAWN: CAO		
									CHECKED: CK HO		
									REVISION		
									DATE: 09/2023		
									REVISIONS		
									DATE: BY		
									NO.		



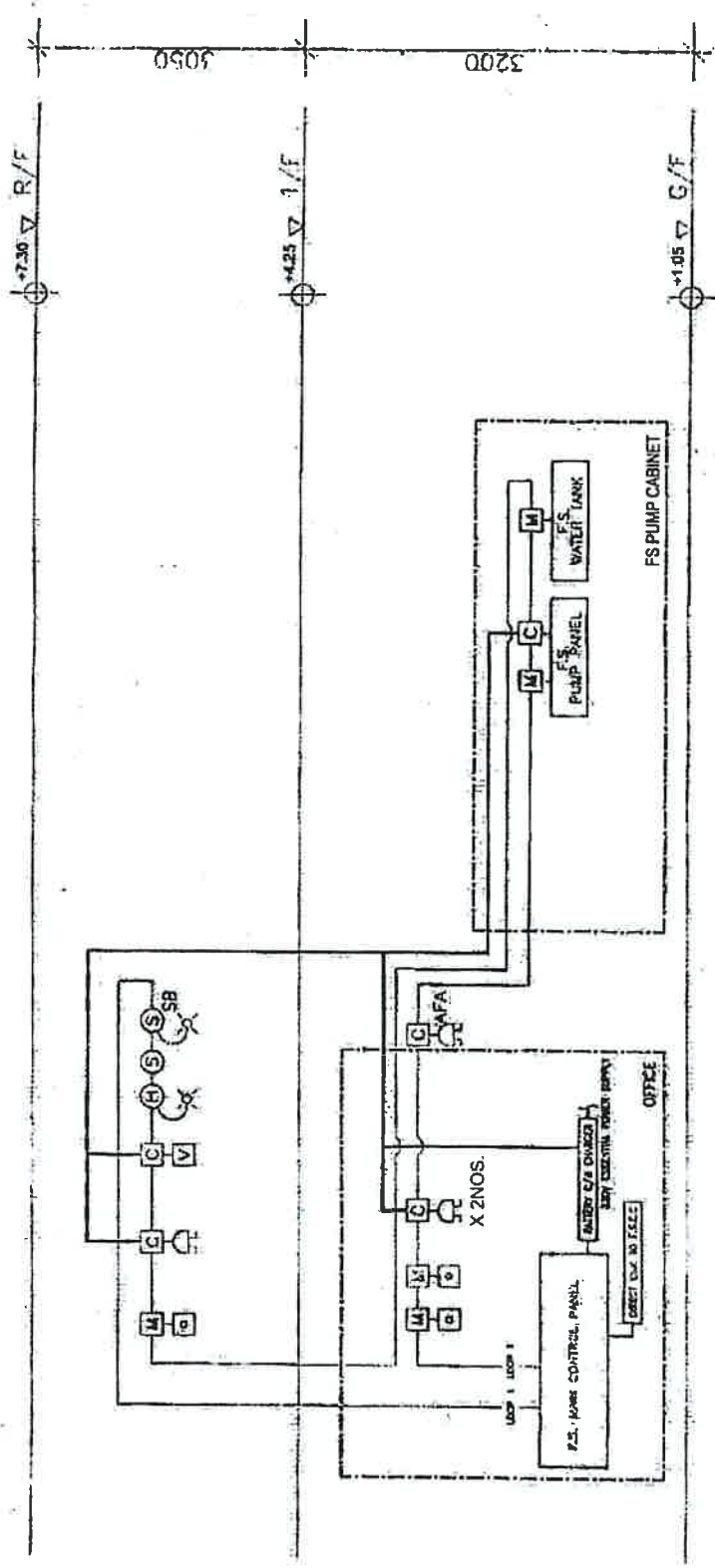
1/F F.S. LAYOUT PLAN

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.



WING KAI ENG. CO. No. 5, 7/F., Kingford Industrial Centre, 13 Wang Ho Road, Kowloon Bay, Kln Tel: 27051772 Fax: 27951775	CLIENT: MISSION ARK LTD.	PROJECT: 元朗米埔丈量站 第104的地段 第4620號1樓 (新亞社會福利服務處新舊址及康復中心)	TITLE:		
			F.S. LAYOUT PLAN FOR FIRST FLOOR		
FIRE PROTECTION 	NO. REVISIONS	DATE:	BY:	CHECKED:	
	R1	09/2023	郭兆寧	CAD	1:1100
JOB NO.:	WKC230927	DRAWING NO.:	FS-05	SCALE:	1:1100



蘇志華

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

FSI CONTRACTOR: 	CLIENT: WING KAI ENG. CO. No. 8, 7/F, Kingstone Industrial Centre, 13 Wang Fui Road, Aberdeen Bay, HK TEL: 27361722 Fax: 27951775	PROJECT: 元朗米埔丈量約份 第104份地段 第4620號1樓 (關陸時社會福利康樂中心及康復中心)	TITLE: SCHEMATIC CONTROL WIRING DIAGRAM FOR FIRE ALARM SYSTEM	SCALE: N.T.S.	JOB NO.: WK230927
	MISSION ARK LTD.	REVISIONS: R1 09/2023	NO.:	DATE: 09/2023	DRAWING NO.: FS-03
				DATE: 09/2023	
				DATE: 09/2023	

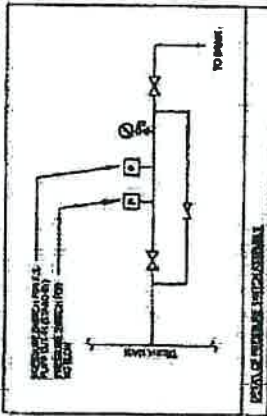
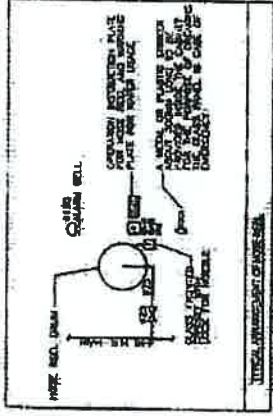
**TO OPERATE FIRE HOSE REEL
使用消防喉轆**

- 1) ACTIVATE FIRE ALARM CALL POINT
啟動消防鐘
 - 2) OPEN CONTROL VALVE BY TURNING BURNING OUT HOSE
轉動消防喉轆手輪
 - 3) TURN ON WATER AT HOSE AND DIRECT AT AT BASE OF FIRE
將消防喉轆水喉開水並射向火源基部
- FOR ELECTRICAL WORKS REFER TO ELECTRICAL WIRING REGULATIONS
有關電氣工程請參閱電氣安裝規程

消防用水
此設備非供消防用途
USE OF WATER FROM FIRE SERVICES FOR PURPOSES OTHER THAN FIRE FIGHTING IS STRICTLY PROHIBITED
水喉喉轆非供消防用途
OTHER THAN FIRE FIGHTING IS STRICTLY PROHIBITED

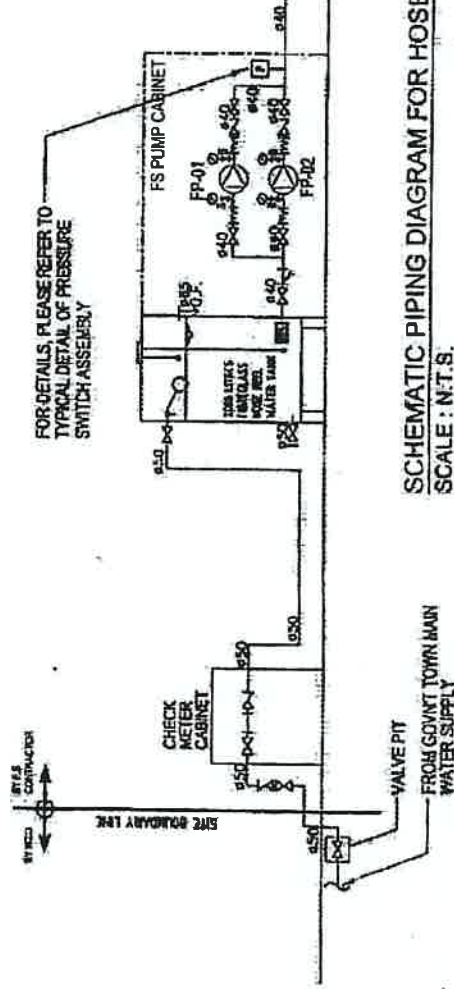
OFFICE OF THE WATER AUTHORITY

DETAIL OF HOSE REEL OPERATION INSTRUCTION PLATE

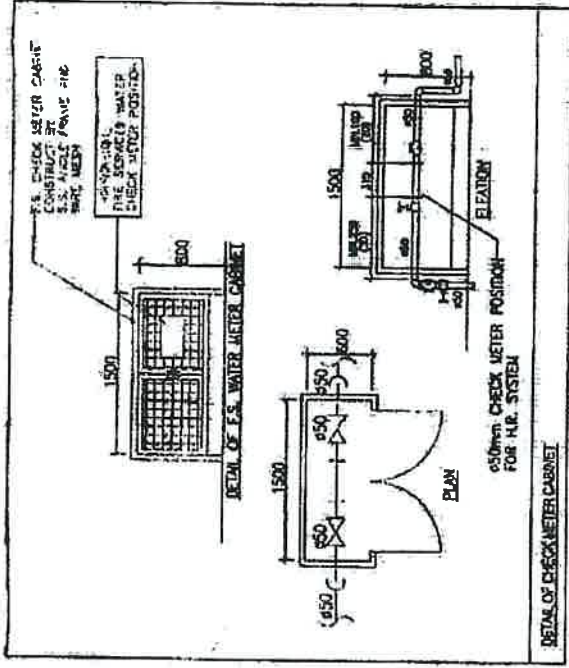


FS PUMP SCHEDULE

HOSE REEL PUMP FP-01 & FP-02	TYPE OF PUMP MULTI-STAGE VERTICAL TYPE	FLOW RATE (L/min)	PRESSURE (bar)	MOTOR SPEED (RPM)	POWER RATING (KW)
		60	5	2800	1.5



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



WING KAI ENG. CO. No. 8, 7/F, Goodford Industrial Centre, 13 West Hill Road, Kowloon, HK Tel: 27561732 Fax: 27583175	CLIENT: MISSION ARK LTD.	PROJECT: 元朗米頓工業中心 第104期第4段 第4620號樓 (關連社會福利設施藥物研習治療及護理中心)	TITLE: SCHEMATIC PIPING DIAGRAM FOR HOSE REEL SYSTEM AND PUMP SCHEDULE	NO	REVISIONS	DATE:	BY:	CHECKED:	CK NO:	DRAWING NO.:	JOB NO.
				R1	REVISIONS	DATE:	BY:	CHECKED:	CK NO:	DRAWING NO.:	JOB NO.

