DISCLAIMER

- 1. THE HOSE REEL SYSTEM ILLUSTRATED IN THIS SET OF SAMPLE DRAWINGS IS BASED ON A TARGET COMPOSITE BUILDING OF SIX STOREYS OR BELOW OR LESS THAN 20m IN HEIGHT WITH ONE OF THE MAJOR FACADES ACCESSIBLE BY FIRE APPLIANCES VIA THE EMERGENCY VEHICULAR ACCESS IN CONNECTION WITH THE ANNOUNCEMENT OF FSD CIRCULAR LETTER NO. 5/2016.
- 2. THE SAMPLE DRAWINGS ARE AIMED AT PROVIDING GENERAL REFERENCE ON THE DRAWING FORMAT OF FSI/314C SUBMISSION UNDER THE FIRE SAFETY (BUILDINGS) ORDINANCE (CAP. 572), AND ARE NOT INTENDED FOR STIPULATING THE REQUIRED PROVISIONS/DESIGN OF FIRE SAFETY IMPROVEMENT WORKS WHICH VARY WITH EACH INDIVIDUAL CASE.
- 3. GIVEN THE NATURE OF THE SAMPLE DRAWINGS MENTIONED-ABOVE, THERE IS NO GUARANTEE THAT THE APPROVAL OF FSI/314C SUBMISSION ADOPTING THE SAMPLE DRAWINGS WILL BE OBTAINED.

COPYRIGHTS

THE CONTENT AVAILABLE ON THIS SET OF SAMPLE DRAWINGS, INCLUDING BUT NOT LIMITED TO ALL TEXT, GRAPHICS, DRAWINGS AND DIAGRAMS ARE SUBJECT TO COPYRIGHT OWNED BY THE GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION OR OTHER ENTITIES.

F.S. NOTES:

- 1. ALL FIRE SAFETY IMPROVEMENT WORKS SHALL BE PROVIDED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT 1994 VERSION.
- 2. A NEW HOSE REEL SYSTEM WITH 500L EFFECTIVE STORAGE CAPACITY FIBRE GLASS F.S. WATER TANK SHALL BE PROVIDED IN ACCORDANCE WITH PARAGRAPH 5.14 OF THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND **EQUIPMENT 1994 VERSION.**
- THE FIXED FIRE PUMPS SHOULD DELIVER A FLOW OF NOT MORE THAN THE REQUIRED FLOW RATE AS INDICATED IN THE FIXED FIRE PUMP SCHEDULE.
- 4. A MANUAL FIRE ALARM SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH PARAGRAPH 5.11 & 5.14(i)(b) OF THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND **EQUIPMENT 1994 VERSION.**
- 5. ALL FIRE SERVICE EQUIPMENT SHALL BE ENERGIZED BY PRIMARY AND SECONDARY POWER SUPPLY AND MANAGED BY AUTOMATIC CHANGOVER SWITCH WITH BOTH ELECTRICAL AND MECHANICAL INTERLOCK.
- POWER SUPPLY CABLE FOR FIXED FIRE PUMPS, FIRE ALARM BELLS AND F.S. CONTROL PANEL SHALL BE OF FIRE RESISTING TYPE IN ACCORDANCE WITH THE LATEST FSD CIRCULAR LETTER FOR MINIMUM FIRE RESISTING CABLE REQUIREMENTS FOR FIRE SERVICE INSTALLATIONS.
- 7. ALL F.S. INSTALLATIONS SHALL BE INSTALLED WITHIN THE LOT BOUNDARY.
- THE SIZE AND LOCATION OF WATER CHECK METER FOR F.S. WATER SUPPLY SHALL BE DETERMINED BY WSD.
- 9. THE PLUMBING SYSTEM OF FIRE SERVICE INSTALLATIONS IS SUBJECT TO THE REQUIREMENTS OF WATER AUTHORITY.
- 10. THE ELECTRICAL INSTALLATION WORKS SHALL COMPLY WITH THE ELECTRICITY ORDINANCE AND THE POWER COMPANY'S SUPPLY RULES.
- 11. ALL ASSOCIATED BUILDING WORKS OF FIRE SAFETY IMPROVEMENT WORKS ARE SUBJECT TO THE CONTROL UNDER BUILDINGS ORDINANCE, APPROVAL AND CONSENT FROM BUILDING AUTHORITY FOR SUCH WORKS (IF ANY) SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF THE BUILDING WORKS, EXCEPT FOR THOSE BUILDING WORKS WHICH ARE UNDER THE CONTROL OF THE MINOR WORKS CONTROL SYSTEM.

Guidance Notes:

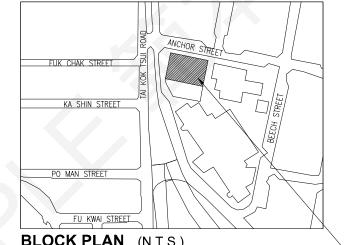
1. Colour code shall be aligned with section 3.6.1(d) of FSD Circular Letter No. 4/96

COLOUR CODE FOR PIPE SIZES

PIPE SIZE	COLOUR CODE	SAMPLE
ø25mm	GREEN	
Ø40mm	PURPLE	

LEGEND

SYMBOL	DESCRIPTION
	DRAIN VALVE C/W PLUG (N/C)
\bowtie	GATE VALVE (N/O)
M	GATE VALVE (N/C)
\triangleright	NON-RETURN VALVE
MM	FLEXIBLE PIPE CONNECTOR
AAV	AUTOMATIC AIR VENT
 	CHECK METER POSITION
	HOSE REEL
0	FIRE ALARM BELL
	MFA CALL POINT (BREAK GLASS TYPE)
	FIXED FIRE PUMP
Ø ¥	PRESSURE GAUGE
Р	PRESSURE SWITCH
Pa	PRESSURE SWITCH ASSEMBLY
FS MFA	F.S. / MFA CONTROL PANEL
PUMP	FIXED FIRE PUMP CONTROL PANEL
	PIPE RISER
S	FUSED SPUR UNIT
	NEW PIPE / CABLE / EQUIPMENT
	EXISTING PIPE / CABLE / EQUIPMENT
	BALL FLOAT VALVE
1¦1	3mm ORIFICE PLATE
20	AUTOMATIC CHANGOVER SWITCH C/W ELECTRICAL & MECHANICAL INTERLOCK
	kWh METER
0)	MCCB / MCB UNIT
0 0 0 0	FUSED SWITCH
60	ISOLATING SWITCH
MS	MOTOR STARTER
M	FIXED FIRE PUMP MOTOR
	STRAINER



BLOCK PLAN (N.T.S.)

NO. 42 TAI KOK TSUI ROAD

ABBREVIATIONS

	
RFSIC	REGISTERED FIRE SERVICE INSTALLATIONS CONTRACTOR
FSI	FIRE SERVICE INSTALLATIONS
HR	HOSE REEL
MFA	MANUAL FIRE ALARM
AFFL	ABOVE FINISHED FLOOR LEVEL
H/L	HIGH LEVEL
M/L	MIDDLE LEVEL
T/A	TO ABOVE
T/B	TO BELOW
F/A	FROM ABOVE
F/B	FROM BELOW
N/O	NORMALLY OPEN
N/C	NORMALLY CLOSED
GRP	GLASS REINFORCED POLYESTER
SP	SINGLE POLE
TPN	TRIPLE POLE & NEUTRAL
MCB	MINIATURE CIRCUIT BREAKER
MCCB	MOULDED CASE CIRCUIT BREAKER
C/W	COMPLETED WITH
S.W.	SWITCH
W.L.	WATER LEVEL
M.H.	MANHOLE
O.F.	OVERFLOW
EX.	EXISTING
B.L.	BOUNDARY LINE

SPACE RESERVED FOR **FSD APPROVAL CHOP** Min. (60mm x 45mm)

٧.	DESCRIPTION	DATE
)	1ST SUBMISSION	30.6.2021
١	2ND SUBMISSION	29.10.2021

FSL CONTRACTOR / CONSULTANT

ABC FIRE ENGINEERING COMPANY LIMITED

ADDRESS: UNIT 01, 10/F., XXX YYY COMMERCIAL BUILDING, TAI KOK TSUI. KOWLOON TEL.: XXXX XXXX

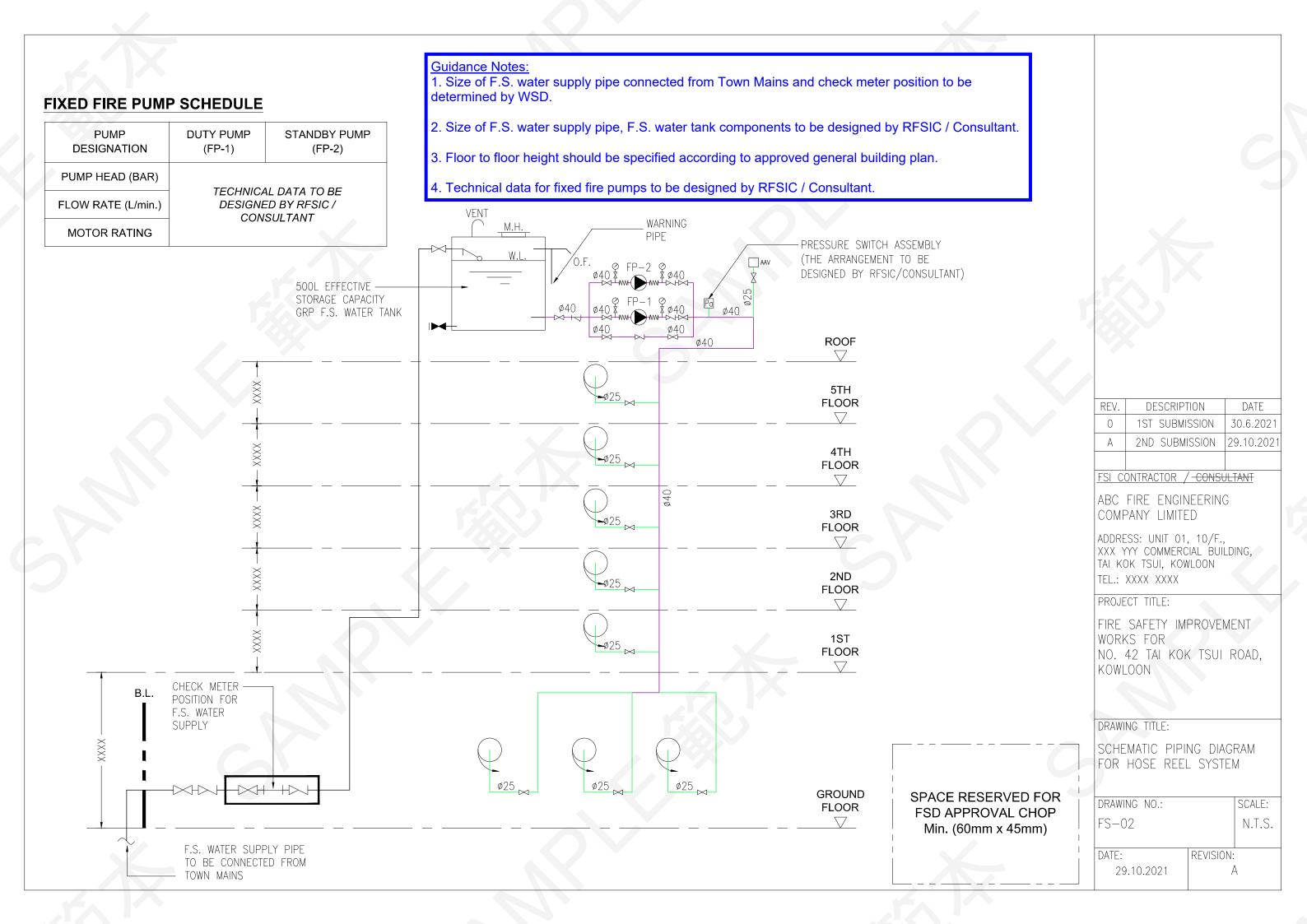
PROJECT TITLE:

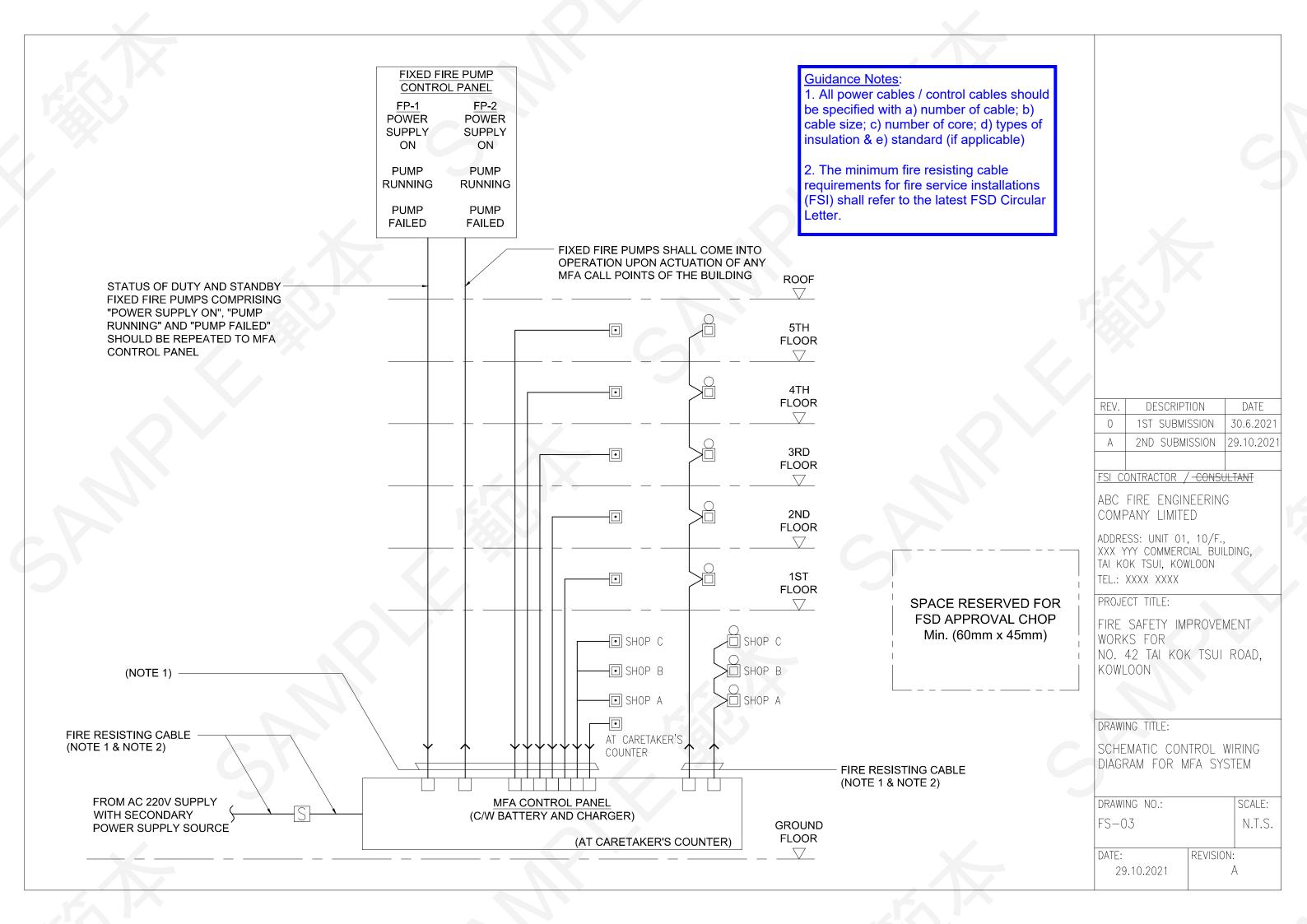
FIRE SAFETY IMPROVEMENT WORKS FOR NO. 42 TAI KOK TSUI ROAD, KOWLOON

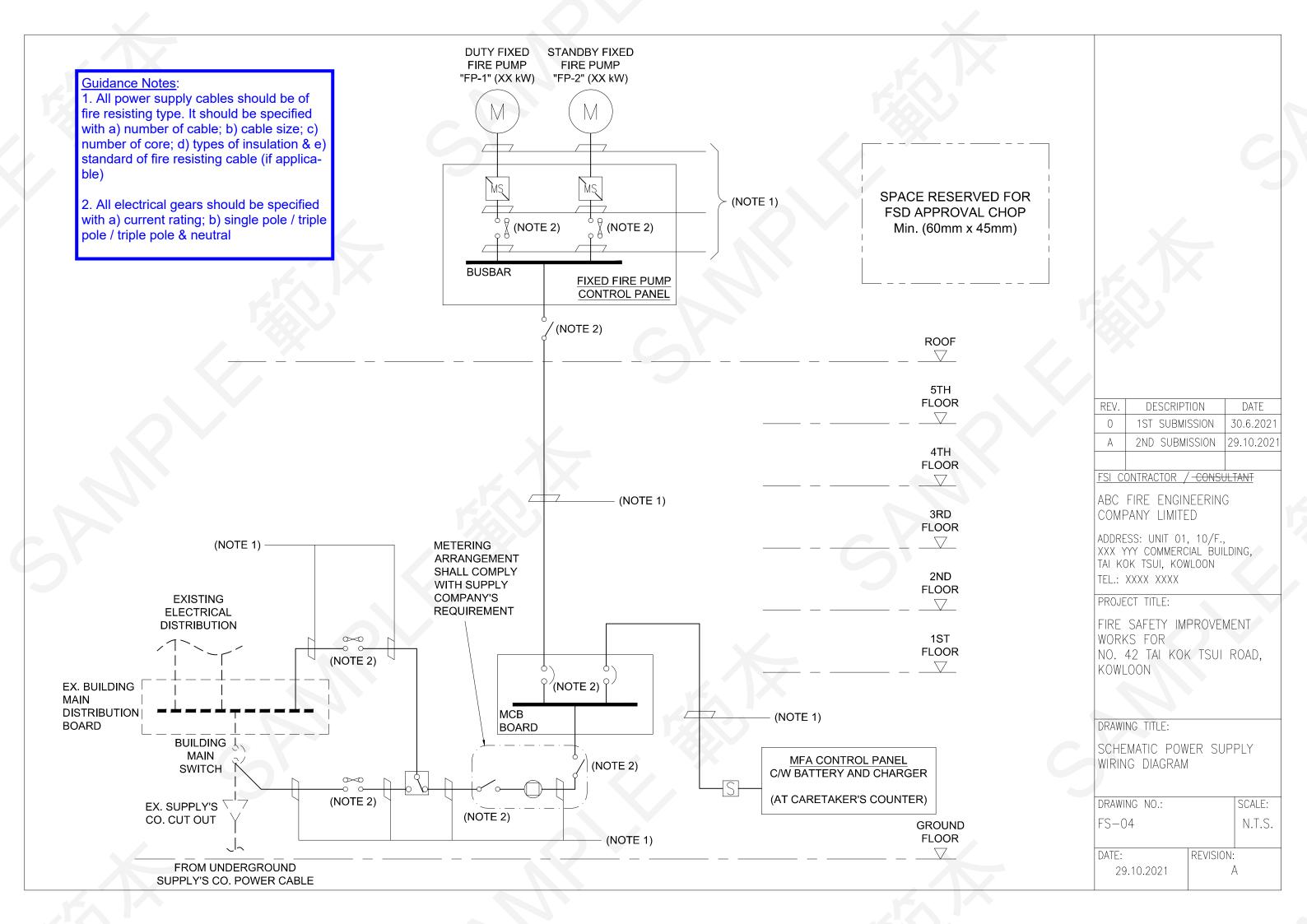
DRAWING TITLE: F.S. NOTES, LEGEND, ABBREVIATIONS, COLOUR CODE FOR PIPE SIZES & BLOCK PLAN

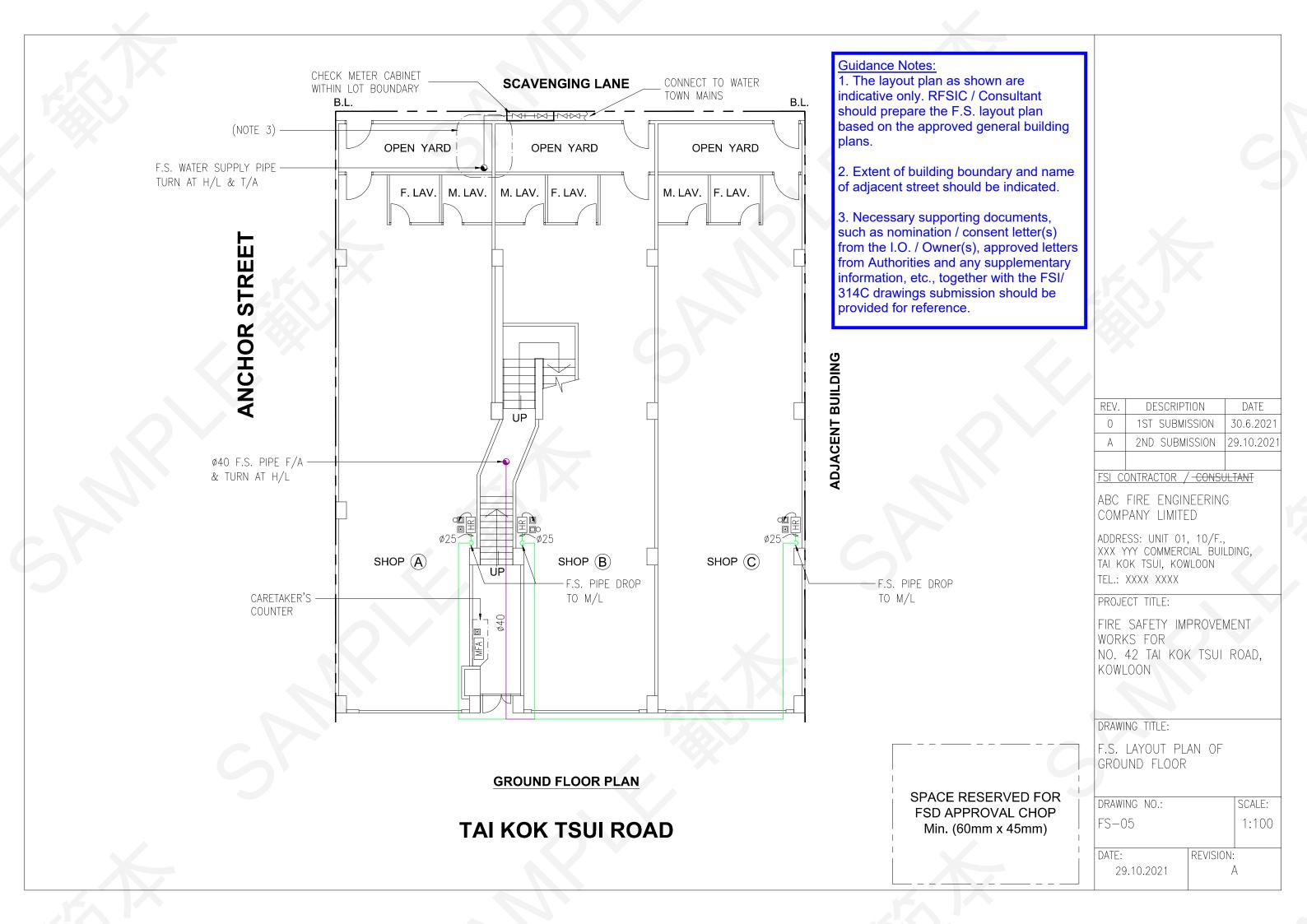
DRAWING NO .: SCALE: FS-01 N.T.S.

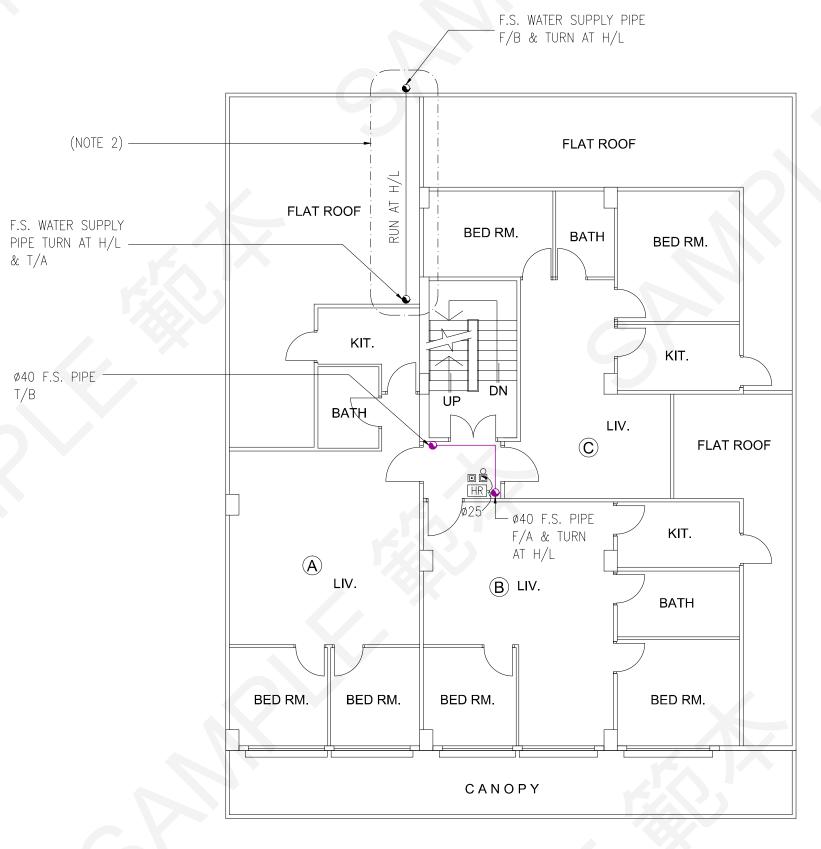
REVISION: DATE: 29.10.2021











1ST FLOOR PLAN

Guidance Notes:

- 1. The layout plan as shown are indicative only. RFSIC / Consultant should prepare the F.S. layout plan based on the approved general building plans.
- 2. Necessary supporting documents, such as nomination / consent letter(s) from the I.O. / Owner(s), approved letters from Authorities and any supplementary information, etc., together with the FSI/314C drawings submission should be provided for reference.

REV.	DESCRIPTION	DATE	
0	1ST SUBMISSION	30.6.2021	
А	2ND SUBMISSION	29.10.2021	

FSI CONTRACTOR / CONSULTANT

ABC FIRE ENGINEERING COMPANY LIMITED

ADDRESS: UNIT 01, 10/F., XXX YYY COMMERCIAL BUILDING, TAI KOK TSUI, KOWLOON TEL.: XXXX XXXX

PROJECT TITLE:

FIRE SAFETY IMPROVEMENT WORKS FOR NO. 42 TAI KOK TSUI ROAD, KOWLOON

DRAWING TITLE:

F.S. LAYOUT PLAN OF 1ST FLOOR

DRAWING NO.: FS-06

SCALE: 1:100

DATE:

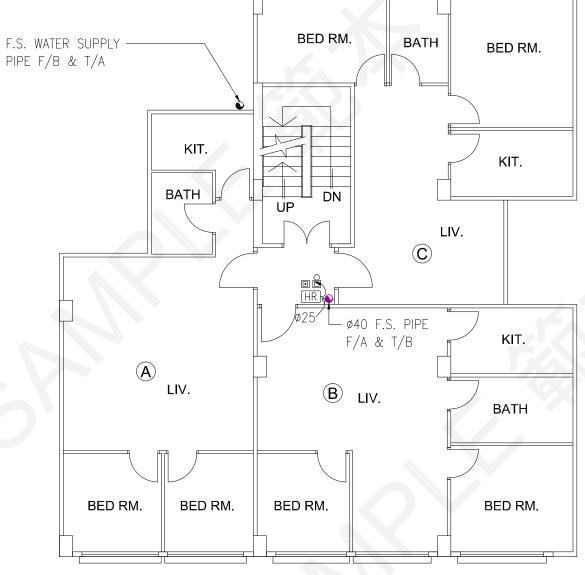
SPACE RESERVED FOR

FSD APPROVAL CHOP

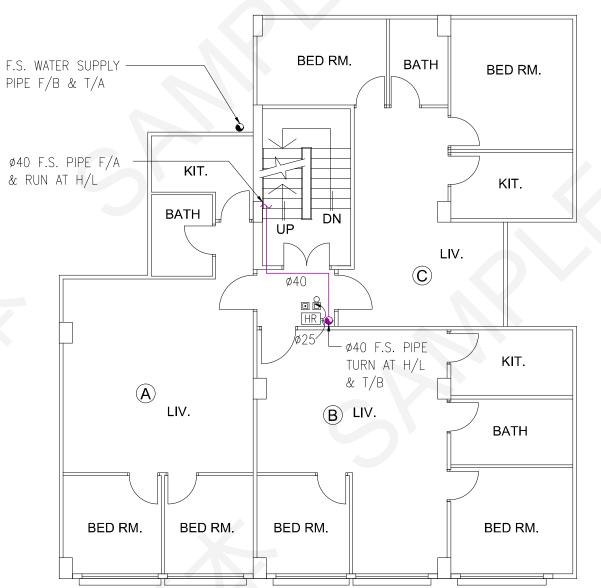
Min. (60mm x 45mm)

REVISION: 29.10.2021

1. The layout plan as shown are indicative only. RFSIC / Consultant should prepare the F.S. layout plan based on the approved general building plans.



2ND FLOOR TO 4TH FLOOR PLAN (TOTAL: 3 NOS. OF FLOOR)



Guidance Notes:

5TH FLOOR PLAN

SPACE RESERVED FOR **FSD APPROVAL CHOP** Min. (60mm x 45mm)

REV.	DESCRIPTION	DATE
0	1ST SUBMISSION	30.6.2021
А	2ND SUBMISSION	29.10.2021

FSI CONTRACTOR / CONSULTANT

ABC FIRE ENGINEERING COMPANY LIMITED

ADDRESS: UNIT 01, 10/F., XXX YYY COMMERCIAL BUILDING, TAI KOK TSUI, KOWLOON TEL.: XXXX XXXX

PROJECT TITLE:

FIRE SAFETY IMPROVEMENT WORKS FOR NO. 42 TAI KOK TSUI ROAD, KOWLOON

DRAWING TITLE:

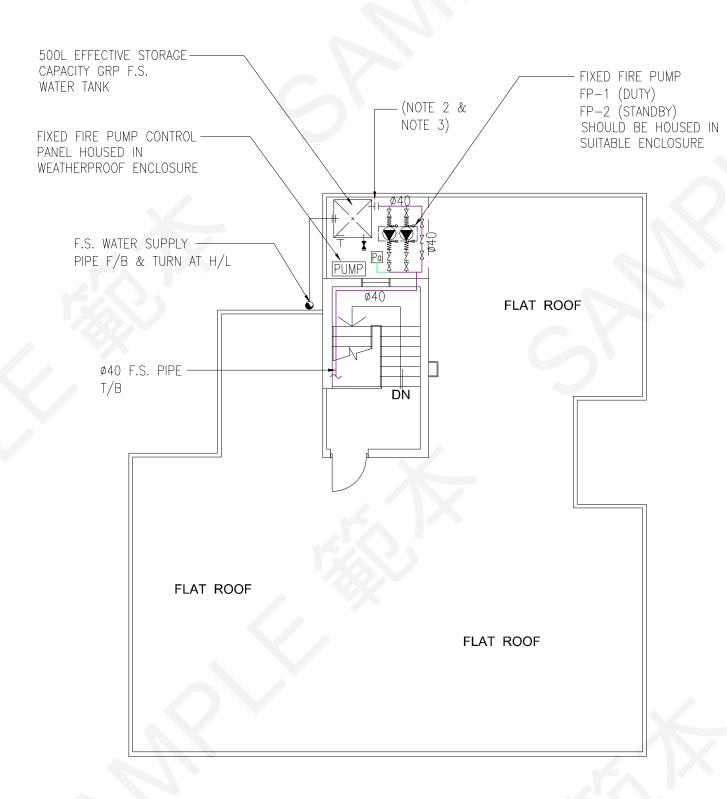
F.S. LAYOUT PLAN OF 2ND FLOOR TO 4TH FLOOR AND 5TH FLOOR

DRAWING NO.: FS-07

SCALE: 1:100

DATE:

REVISION: 29.10.2021



ROOF PLAN

Guidance Notes:

- 1. The layout plan as shown are indicative only. RFSIC / Consultant should prepare the F.S. layout plan based on the approved general building plans.
- 2. The ownership of the area occupied by the new F.S. water tank and fixed fire pumps should be clarified.
- 3. Necessary supporting documents, such as nomination / consent letter(s) from the I.O. / Owner(s), approved letters from Authorities and any supplementary information, etc., together with the FSI/314C drawings submission should be provided for reference.

REV.	DESCRIPTION	DATE
0	1ST SUBMISSION	30.6.2021
А	2ND SUBMISSION	29.10.2021

FSI CONTRACTOR / CONSULTANT

ABC FIRE ENGINEERING COMPANY LIMITED

ADDRESS: UNIT 01, 10/F., XXX YYY COMMERCIAL BUILDING, TAI KOK TSUI, KOWLOON TEL.: XXXX XXXX

PROJECT TITLE:

FIRE SAFETY IMPROVEMENT WORKS FOR NO. 42 TAI KOK TSUI ROAD, KOWLOON

DRAWING TITLE:

F.S. LAYOUT PLAN OF ROOF

SPACE RESERVED FOR **FSD APPROVAL CHOP** Min. (60mm x 45mm)

DRAWING NO.: SCALE: FS-08 1:100

DATE: REVISION:

29.10.2021