Fire Services Drawings

DRAWING SCHEDULE

DWG. No.	DETAILS	REV	DATE
F0000	Drawing Schedule, Legends & Symbols, General Notes, Equipment Details and Abbreviations	1	28OCT25
F0100	Ground Floor Plan - Fire Services Layout	1	28OCT25
F0200	First Floor Plan - Fire Services Layout	1	28OCT25
F-SCHEM	Fire Services - Schematic Diagram	0	28OCT25
F-MISC	Miscellaneous Detail	1	28OCT25

LEGENDS & SYMBOLS

- (E ABE) Portable, Dry Powder Fire Extinguisher (ABE)
- (E CO2) Portable, Carbon Dioxide Fire Extinguisher (CO_2)
- (S) Smoke Detector
- (H) Weather Proof Heat Detector
- (H) Heat Detector
- (FB) Fire Blanket
- Fire Alarm Sounder Strobe
- Manual Call Point
- Fire Alarm Panel

GENERAL NOTES

1. THIS PROJECT SHALL BE IN COMPLIANCE OF THE PUBLIC HEALTH (NATIONAL BUILDING CODE) REGULATION OF SOLOMON ISLANDS 2022.
2. THE AUTOMATIC FIRE DETECTION AND ALARM SYSTEM SHALL BE DESIGNED, INSTALLED AND TESTED IN ACCORDANCE TO NZS4512 : 2010
3. ALL FIRE DETECTORS AND ALARM COMPONENTS SHALL BE OF BRAND/MODEL APPROVED BY THE ENGINEER.
4. ALL WIRING SHALL BE IN PVC SHEATHED CABLE IN G.I CONDUITS FOR THOSE TO BE IMBEDDED IN CONCRETE OR BURIED.
5. THE HEAT (THERMAL) DETECTORS SHALL BE A ADDRESSABLE TYPE AND COMPLY FULLY WITH NZS 4512 AND NZS 4514.
6. THE SMOKE DETECTORS SHALL BE A ADDRESSABLE TYPE AND COMPLY WITH UL SPECIFICATIONS, NZS 4512 AND NZS 4514
7. THE MCP SHALL BE FULLY COMPATIBLE WITH NZS 4512 AND SHALL BE AT LEAST 100mm sq. x 80mm (DEPTH) SUITABLE FOR BOTH SURFACE AND FLUSH MOUNTING.
8. ALL CONTROL MODULES TO BE INSTALLED TO THE NEAREST ACCESSIBLE POINT/PANEL.
9. ALL PROVISION/ PENETRATION PIPE WORKS AT FLOOR SLABS ABOVE GROUND FLOOR AND FIRE RATED WALLS TO BE PROVIDED WITH APPROVED FIRE COLLARS.

EQUIPMENT DETAILS:

Fire Equipment	Description
	1. Fire Alarm Panel (FAP)
	2. Heat Detector
	3. Weather Proof Heat Detector
	4. Smoke Detector
	5. Fire Blanket
	6. Fire Alarm Sounder Strobe Light
	7. Manual Call Point (MCP)
	8. Portable, Dry Powder Fire Extinguisher (ABE)
	9. Portable, Carbon Dioxide Fire Extinguisher (CO_2)

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MFMR AUKI - MALAITA PROVINCE
AUKI-MALAITA PROVINCE
SOLOMON ISLANDS

Drawing Title
FIRE SERVICES
DRAWING SCHEDULE, LEGENDS & SYMBOLS, GENERAL NOTES, EQUIPMENT DETAILS, ABBREVIATIONS

Revision	Date	Initial	Description
1	28OCT25	PAT	TENDER ISSUE
0	21JUL25	PAT	DRAFT PERMIT ISSUE

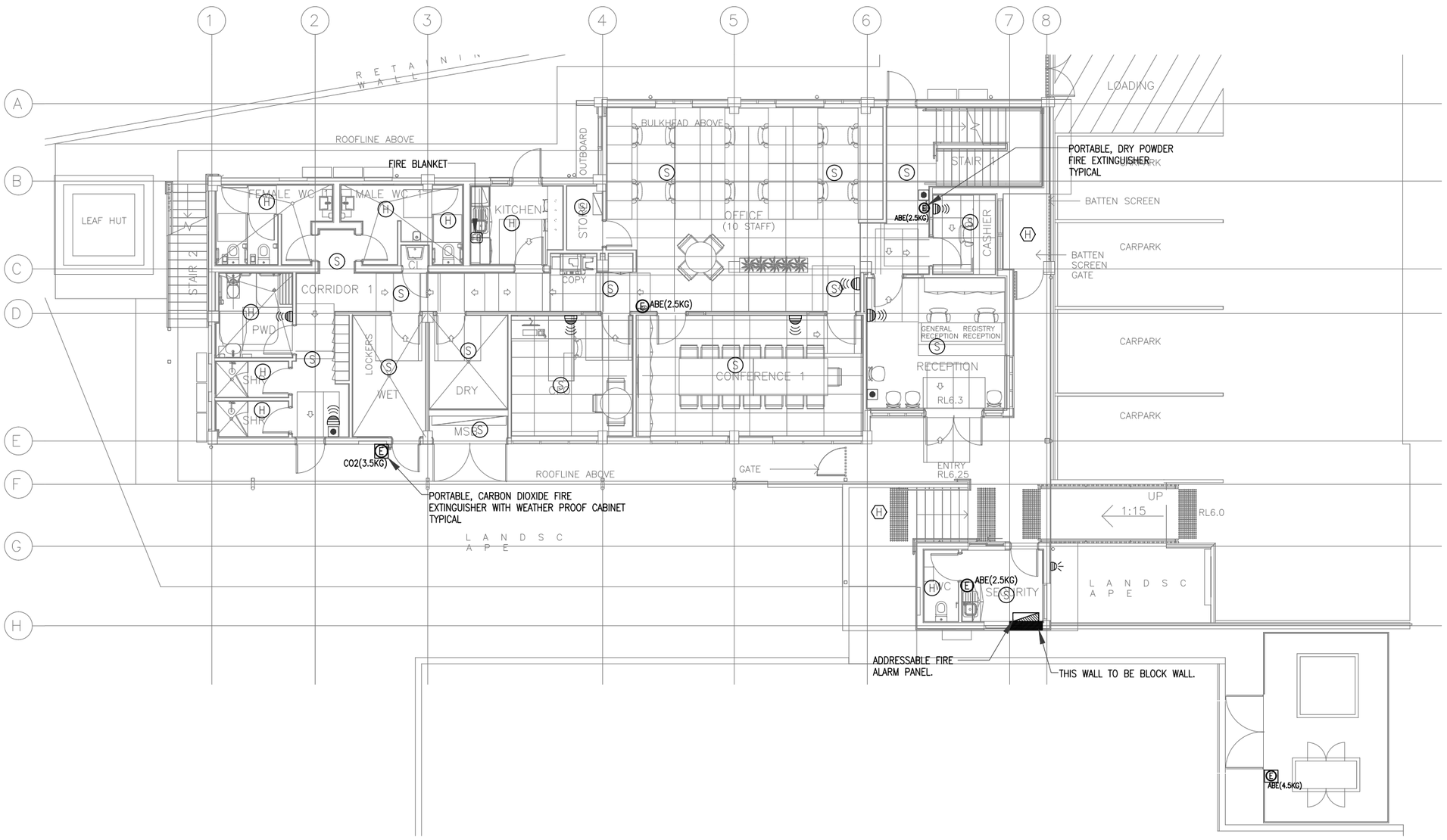
Designed	KL
Drawn	KL
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Approved	PAT

Date: JULY 2025

A3 Scale: NTS (A1(NTS), A2(NTS))

Project Number: P25-30
Drawing No: F0000
sheet: A3
Revision No: 1

NOTES:
1. This drawing shall be read in conjunction with the Fire Services Specification.



GROUND FLOOR - FIRE SERVICES LAYOUT

SCALE = 1:150 @A3

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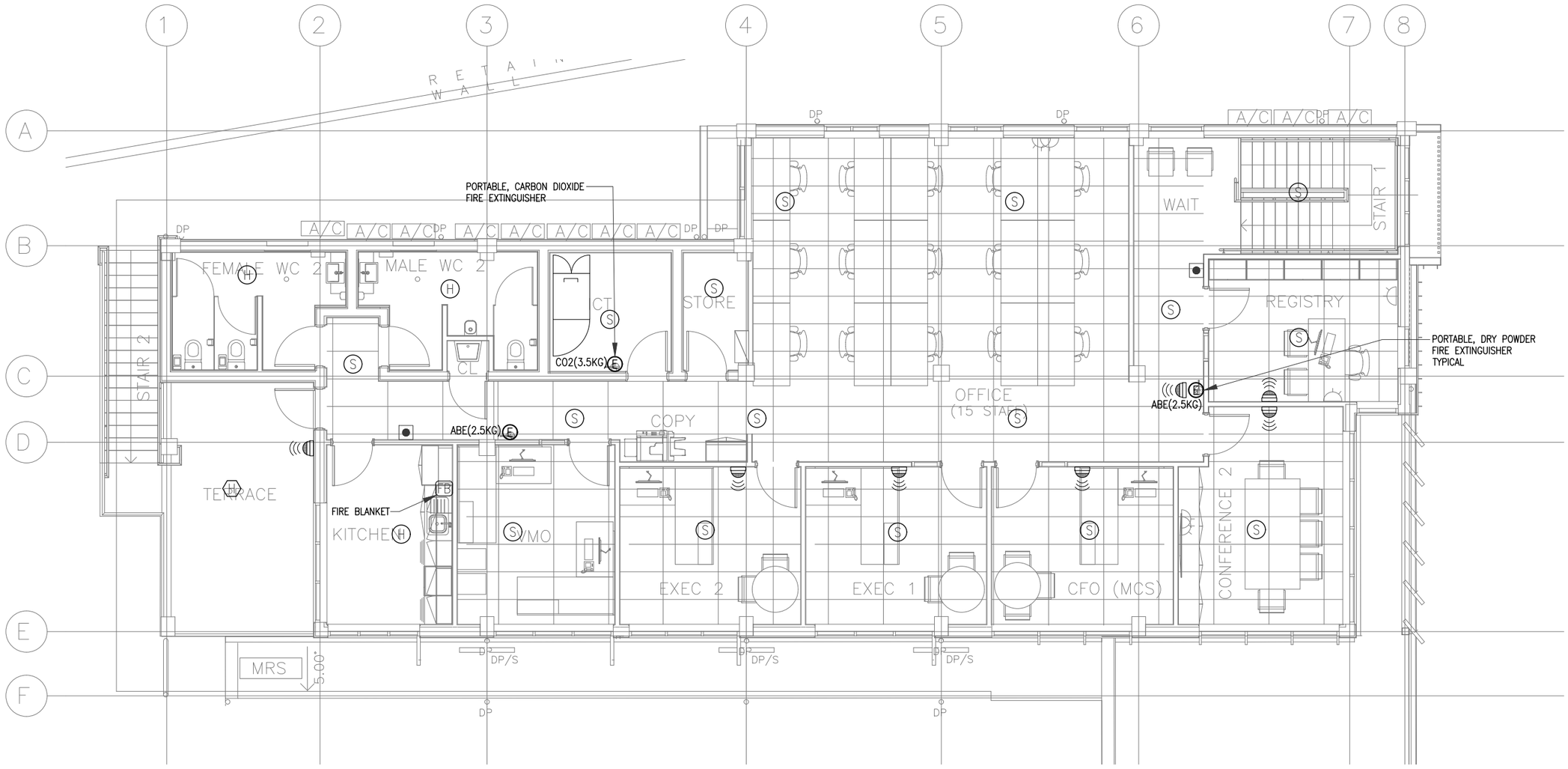
Drawing Title
FIRE SERVICES
GROUND FLOOR - FIRE SERVICES LAYOUT

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A3 Scale	1:150
A1(NTS)	
A2(NTS)	

Project Number P25-30
Drawing No F0100
sheet A3
Revision No 1

NOTES:
1. This drawing shall be read in conjunction with the Fire Services Specification.



FIRST FLOOR - FIRE SERVICES LAYOUT

SCALE = 1:100 @A3

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Drawing Title
FIRE SERVICES
FIRST FLOOR - FIRE SERVICES LAYOUT

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A2(NTS)	

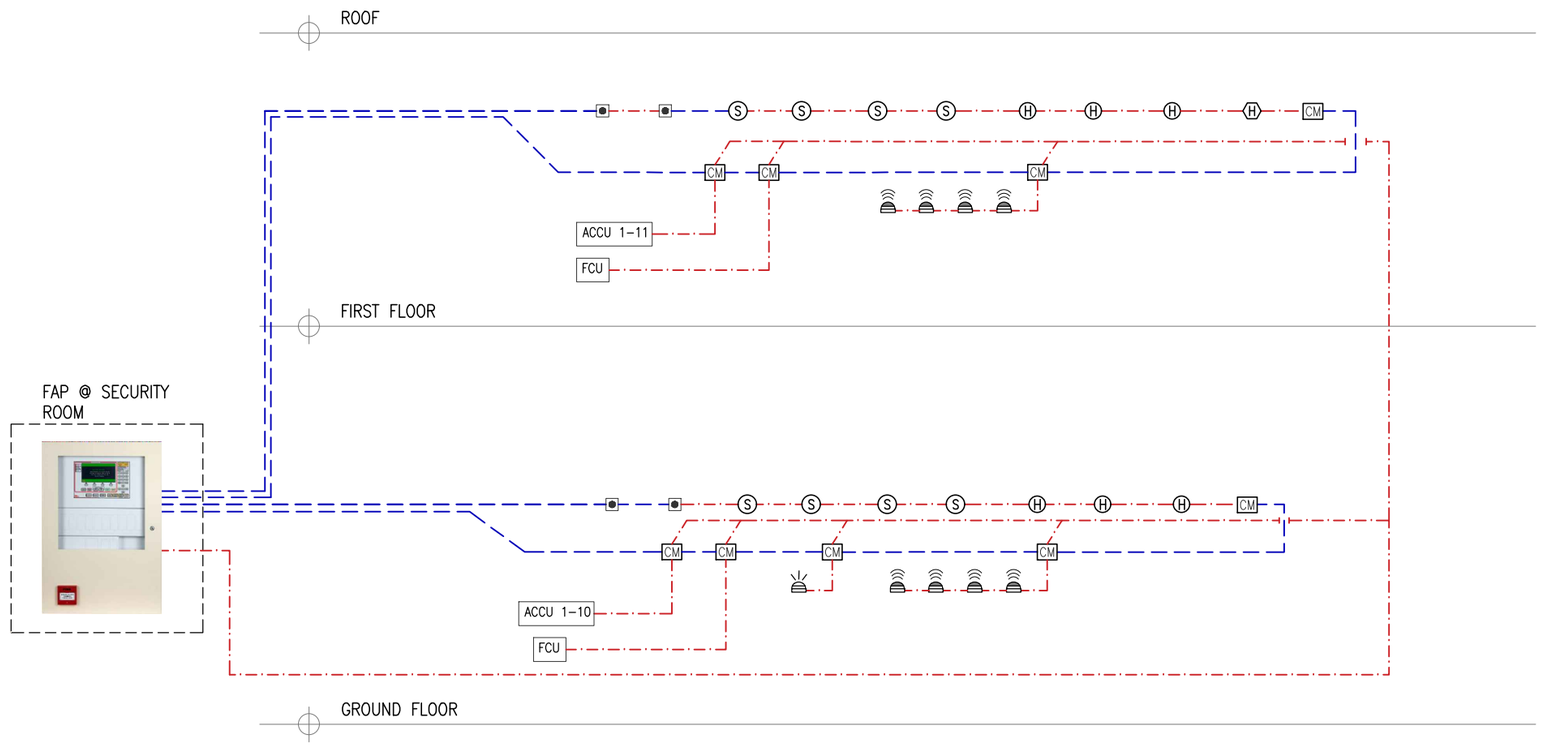
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Drawing No F0200
sheet A3
Revision No 1

NOTES:
1. This drawing shall be read in conjunction with the Fire Services Specification.

LEGENDS & SYMBOLS

- (S) SMOKE DETECTOR
- (H) HEAT DETECTOR
- (H) WEATHER PROOF HEAT DETECTOR
- FIRE ALARM SOUNDER STROBE
- FIRE ALARM STROBE LIGHT
- MANUAL CALL POINT

- 2x1mm²–2CW–TPSLD FIRE CABLE
- 1.5mm²–2CW–100V SPEAKER CABLE
- ETHERNET CABLE
- [MM] MONITORING MODULE
- [CM] CONTROL MODULE



FIRE SERVICES - SCHEMATIC DIAGRAM

SCALE = NTS @A3

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Drawing Title
FIRE SERVICES
FIRE SERVICES - SCHEMATIC DIAGRAM

Revision	Date	Initial	Description
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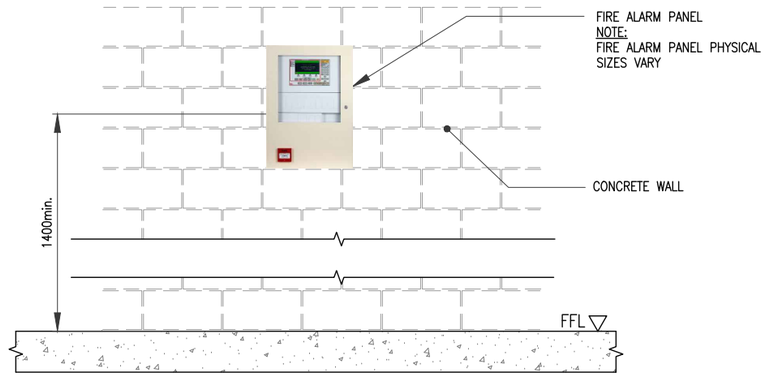
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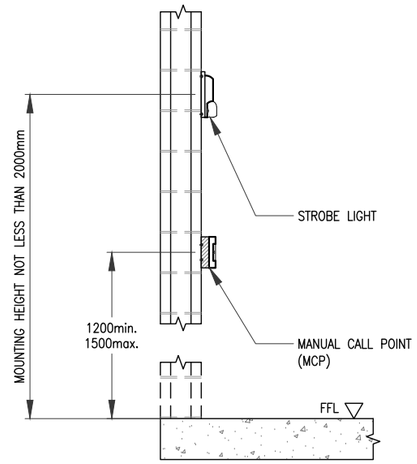
Project Number: P25-30
Drawing No: F-SCHEM
sheet: A3
Revision No: 0

NOTES:
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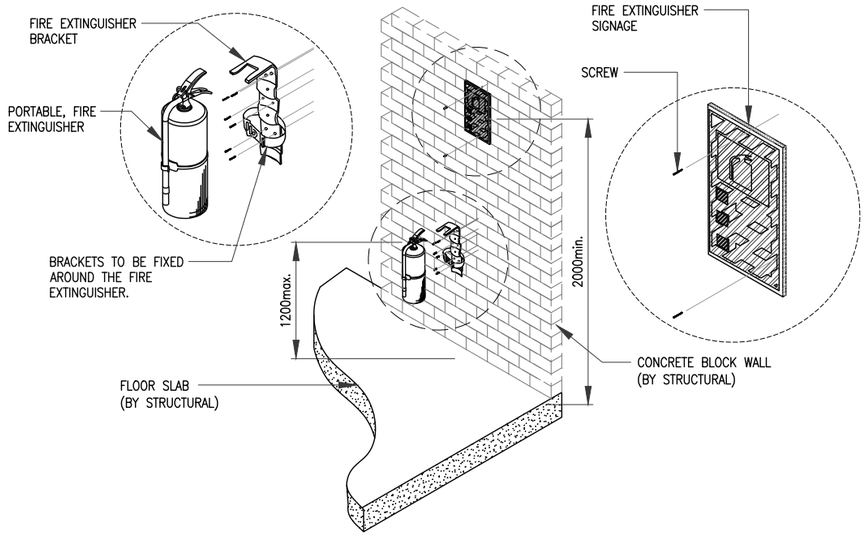
FIRE ALARM PANEL - MOUNTING DETAIL

SCALE = NTS



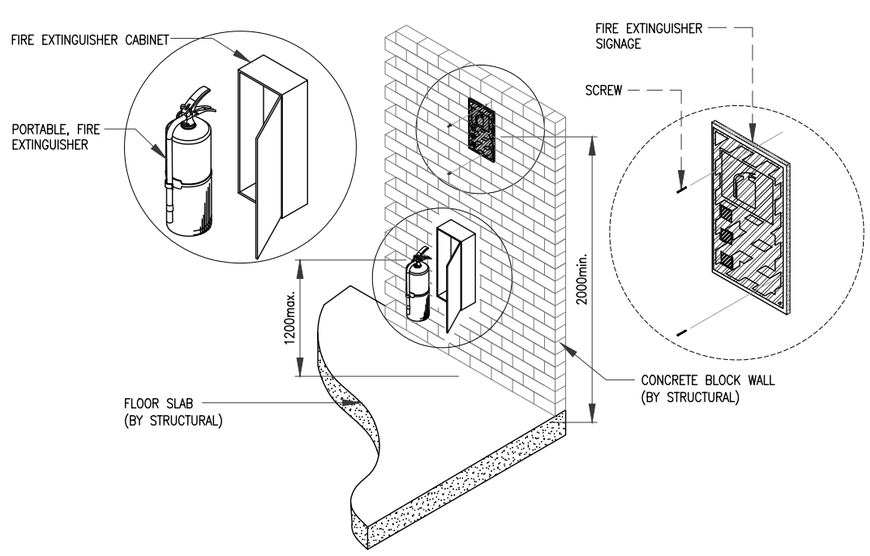
MANUAL CALL POINT & STROBE LIGHT - MOUNTING DETAIL

SCALE = NTS



PORTABLE FIRE EXTINGUISHER - MOUNTING DETAIL

SCALE = NTS



IN-CABINET PORTABLE FIRE EXTINGUISHER - MOUNTING DETAIL

SCALE = NTS

MISCELLANEOUS DETAILS

SCALE = NTS

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FIRE SERVICES
MISCELLANEOUS DETAILS

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