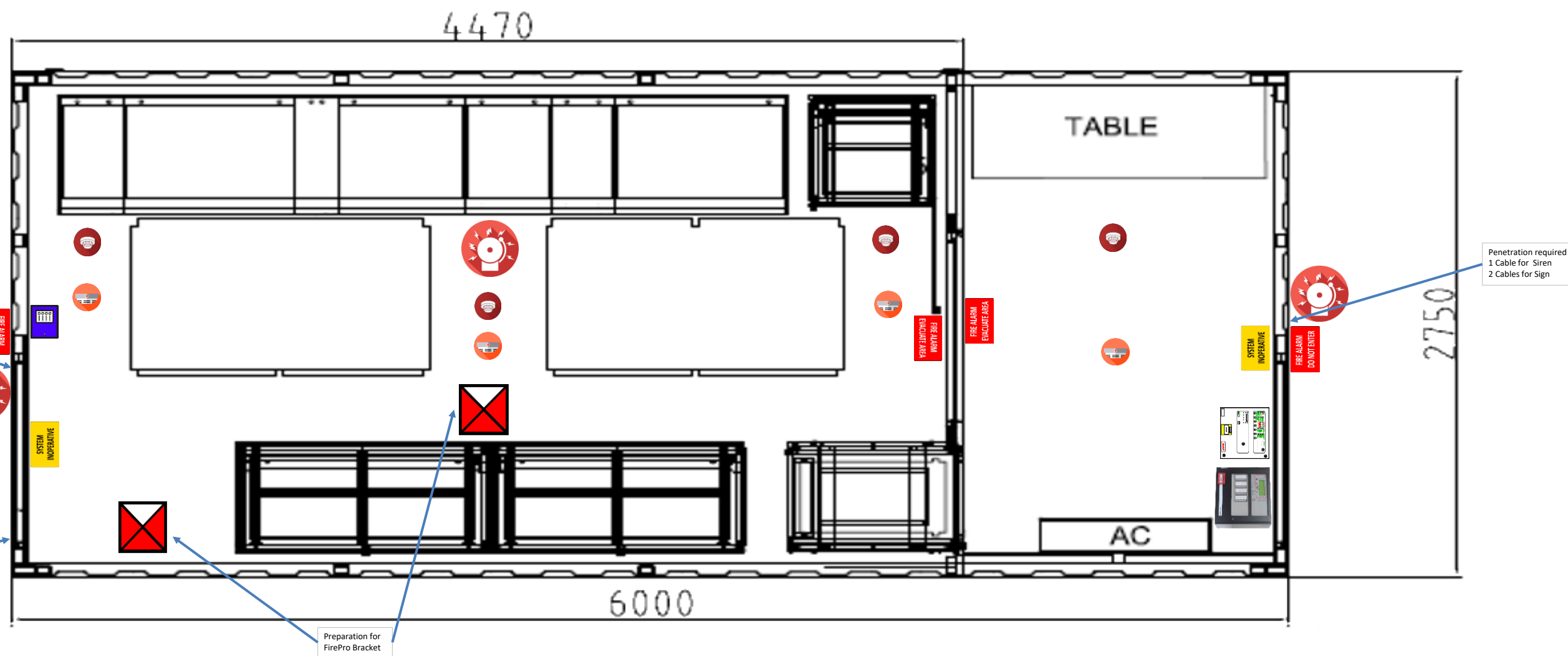


Fire Suppression System General Arrangement - E-House



NOTES:

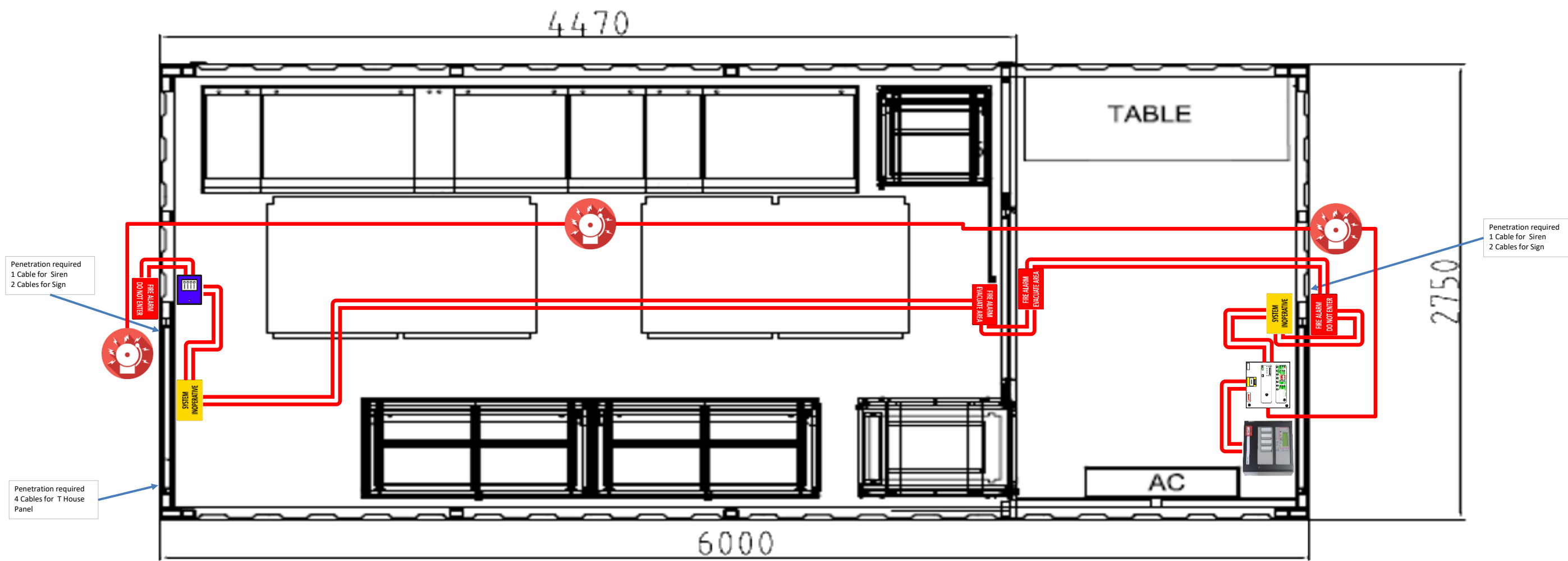
- 1 All cable to be (Except for incoming 230VAC power supply)
 - ✦ Fire Rated to 120m
 - ✦ Shielded
 - ✦ Outer insulation RED
 - ✦ Conductors to be min 0.75mm Stranded
- 2 Locations of devices are general only
- 3 Local Control Panel for T-House via FPC2
- 4 Linear Heat Detection Cable used in T-House
- 5 FPC-2 Reports Back to Sigma XT panel for Fire and Faults
- 6 Sigma XT Panel reports to AFP-3030 Panel
- 7 AFP-3030 takes Fire/Fault signal from Sigma XT, all circuits supervised.
- 8 Power to FIP AFP-3030 and Sigma XT 230AC
- 9 ACTIVATION TO BE BASED ON both Thermal and Smoke Detectors in Alarm
- 10 Shutdown to be based on EITHER Thermal or Smoke Detectors in Alarm
- 11 On Alarm, Estop to be activated and all AC to be Shutdown

BILL OF MATERIALS

SYMBOL	QTY	DESCRIPTION
	2	FirePro Aerosol Generator - 3000G
	3	Flashni Siren / Strobe
	4	Hochiki 60°C RoR Thermal Detector
	4	Hochiki Photo Electric Smoke Detector
	1	Sigma XT - 2 Zone Conventional FIP
	1	AFP 3030 Fire Indicator Panel
	#REF!	Local Control Station
	2	Sign - Fire Alarm - Evacuate Area
	2	Sign - Fire Alarm - Do Not Enter - WP
	2	Sign - System Inoperative

FIRE SAFETY EQUIPMENT PTY LTD		
Drawn By	Title	Drawing No
PM	Cargotec Morebank ASC E House Fire Suppression System	ASC1 Rev.5
Date		
17-02-20		

Fire Suppression System - E-House - Signs & Sirens Wiring Diagram



NOTES:

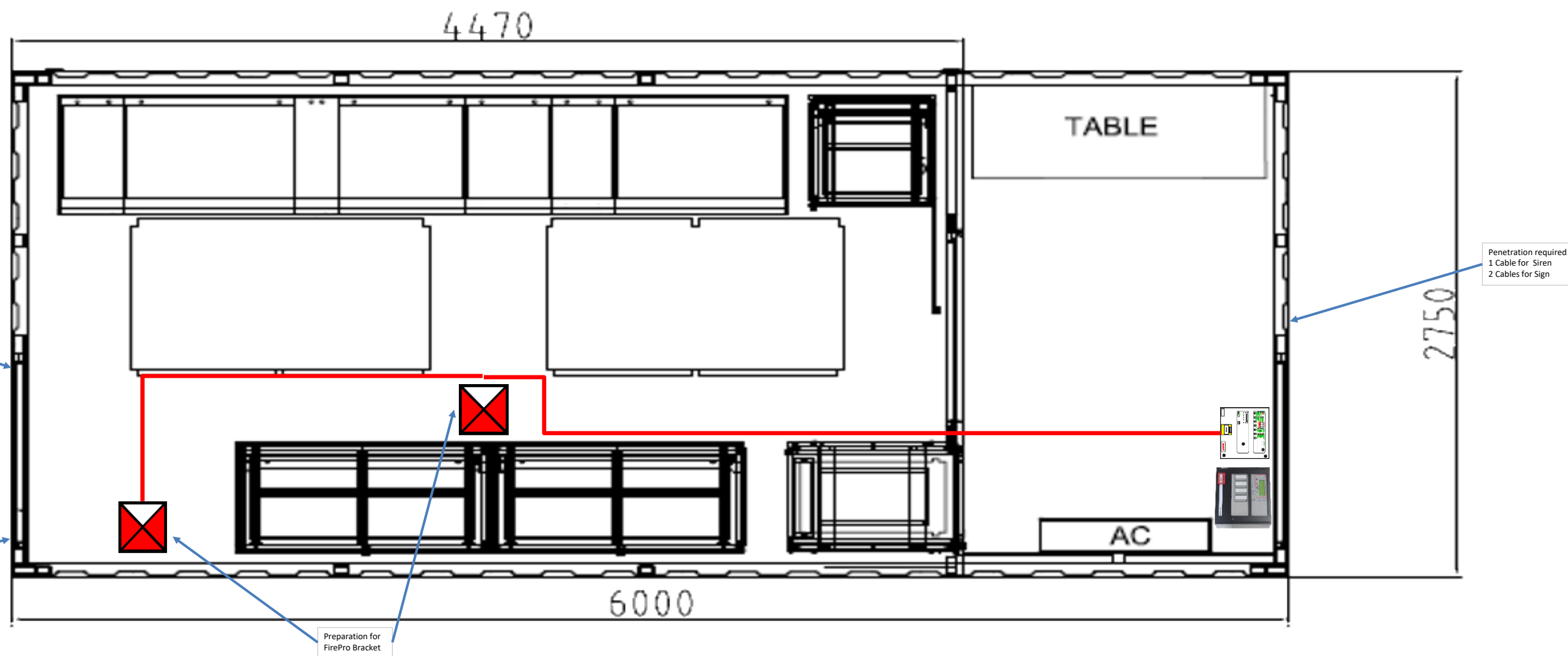
- 1 All cable to be (Except for incoming 230VAC power supply)
 - ✦ Fire Rated to 120m
 - ✦ Shielded
 - ✦ Outer insulation RED
 - ✦ Conductors to be min 0.75mm Stranded
- 2 Locations of devices are general only
- 3 Local Control Panel for T-House via FPC2
- 4 Linear Heat Detection Cable used in T-House
- 5 FPC-2 Reports Back to Sigma XT panel for Fire and Faults
- 6 Sigma XT Panel reports to AFP-3030 Panel
- 7 AFP-3030 takes Fire/Fault signal from Sigma XT, all circuits supervised.
- 8 Power to FIP AFP-3030 and Sigma XT 230AC
- 9 ACTIVATION TO BE BASED ON both Thermal and Smoke Detectors in Alarm
- 10 Shutdown to be based on EITHER Thermal or Smoke Detectors in Alarm
- 11 On Alarm, Estop to be activated and all AC to be Shutdown

BILL OF MATERIALS

SYMBOL	QTY	DESCRIPTION
	2	FirePro Aerosol Generator - 2000G
	3	Flashni Siren / Strobe
	4	Hochiki 60°C RoR Thermal Detector
	4	Hochiki Photo Electric Smoke Detector
	1	Sigma XT - 2 Zone Conventional FIP
	1	AFP 3030 Fire Indicator Panel
	#REF!	Local Control Station
	2	Sign - Fire Alarm - Evacuate Area
	2	Sign - Fire Alarm - Do Not Enter - WP
	2	Sign - System Inoperative

FIRE SAFETY EQUIPMENT PTY LTD		
Drawn By	Title	Drawing No
PM	Cargotec Morebank ASC E House Fire Suppression System	ASC2 Rev.5
Date		
17-02-20		

Fire Suppression System General Arrangement - E-House



NOTES:

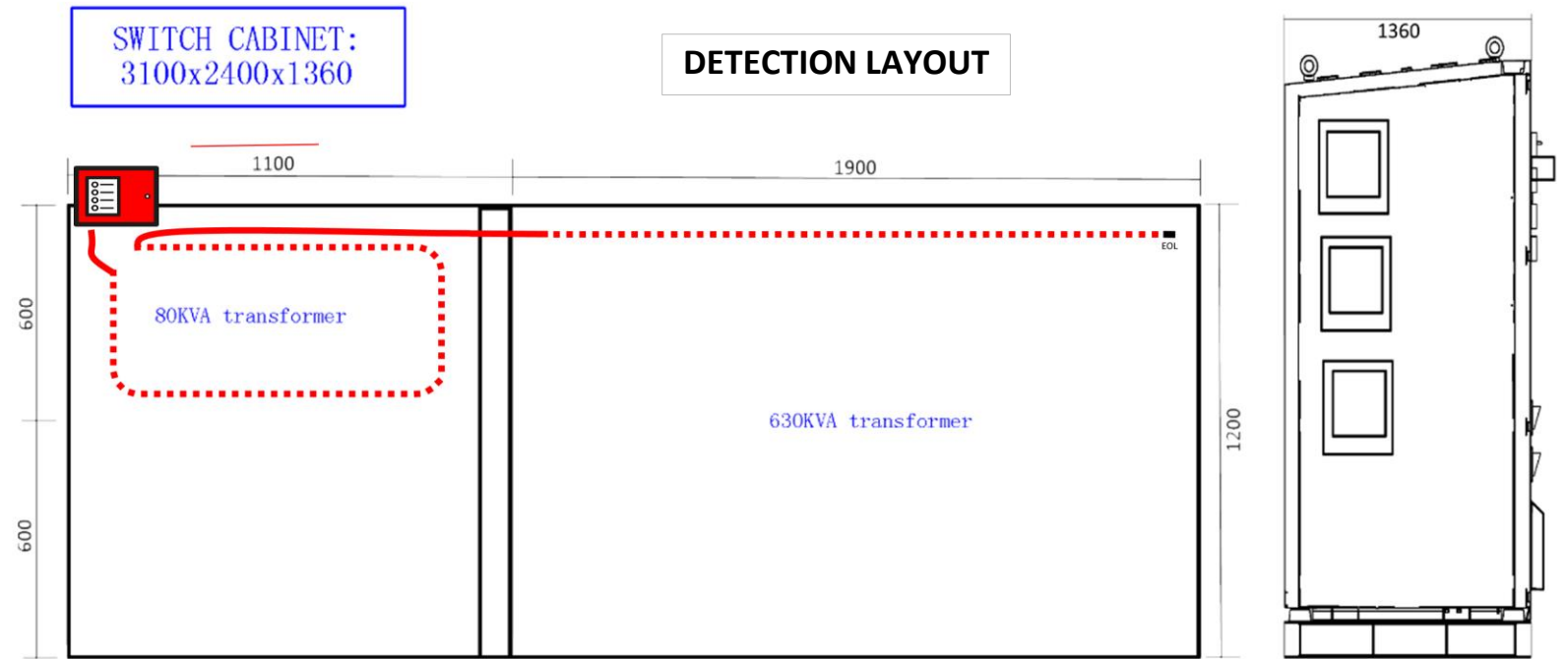
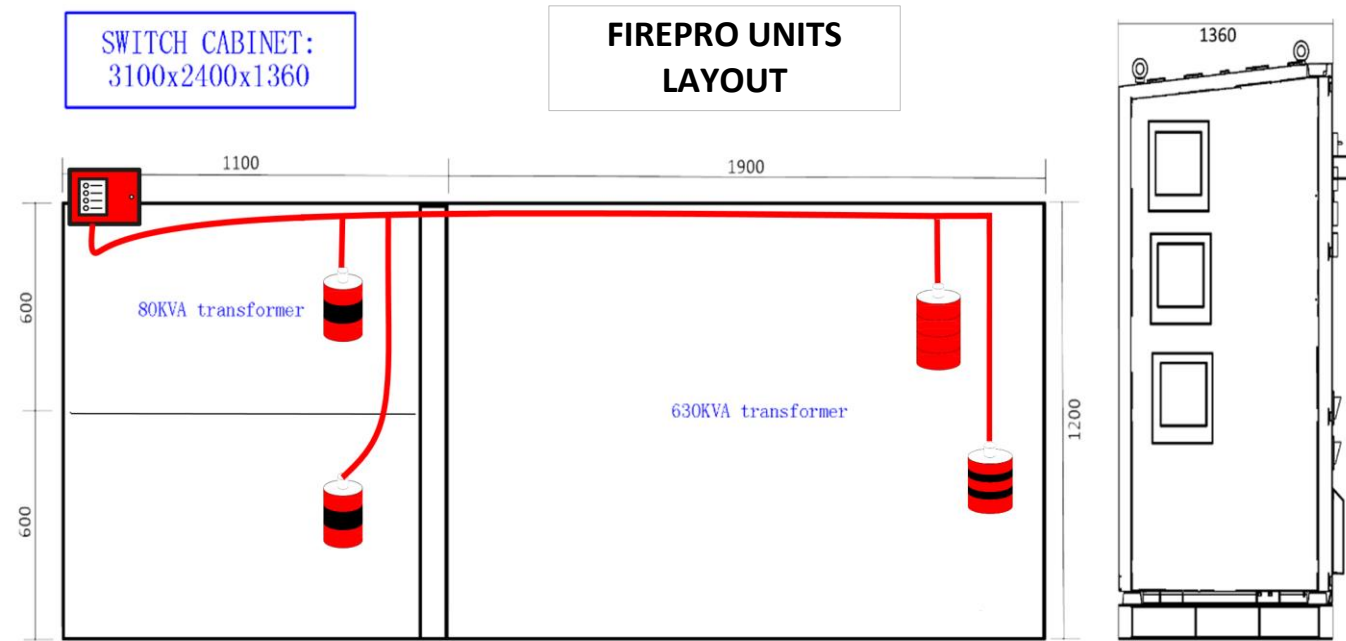
- 1 All cable to be (Except for incoming 230VAC power supply)
 - ✦ Fire Rated to 120m
 - ✦ Shielded
 - ✦ Outer insulation RED
 - ✦ Conductors to be min 0.75mm Stranded
- 2 Locations of devices are general only
- 3 Local Control Panel for T-House via FPC2
- 4 Linear Heat Detection Cable used in T-House
- 5 FPC-2 Reports Back to Sigma XT panel for Fire and Faults
- 6 Sigma XT Panel reports to AFP-3030 Panel
- 7 AFP-3030 takes Fire/Fault signal from Sigma XT, all circuits supervised.
- 8 Power to FIP AFP-3030 and Sigma XT 230AC
- 9 ACTIVATION TO BE BASED ON both Thermal and Smoke Detectors in Alarm
- 10 Shutdown to be based on EITHER Thermal or Smoke Detectors in Alarm
- 11 On Alarm, Estop to be activated and all AC to be Shutdown

BILL OF MATERIALS

SYMBOL	QTY	DESCRIPTION
	2	FirePro Aerosol Generator - 3000G
	3	Flashni Siren / Strobe
	4	Hochiki 60°C RoR Thermal Detector
	4	Hochiki Photo Electric Smoke Detector
	1	Sigma XT - 2 Zone Conventional FIP
	1	AFP 3030 Fire Indicator Panel
#REF!		Local Control Station
	2	Sign - Fire Alarm - Evacuate Area
	2	Sign - Fire Alarm - Do Not Enter - WP
	2	Sign - System Inoperative







FIRE SAFETY EQUIPMENT PTY LTD		
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Date		
17-02-20		

Fire Suppression System General Arrangement - T-House



NOTES:

- 1 Separate Sub Fire Indicator Panel - which will control this Risk.
- 2 Sub FIP will report back to Sigma XT FIP in Ehouse for Fire and Fault.
- 3 FirePro Aerosol Generators are controlled via Sub FIP Panel
- 4 Detection using Linear Heat Detection Cable UL Listed - 185deg C for Activation.
- 5 Power coming from Sigma FIP which is Battery Backed.
- 6 ACTIVATION TO BE BASED Linear Heat Detection Cable in Alarm
- 7 Shutdown to be based on signal from Sigma XT FIP
- 8 On Alarm, Estop to be activated and all AC to be Shutdown
- 9 Locations of devices are general only
- 10 All cable to be (Except for incoming 230VAC power supply)
 - ✦ Fire Rated to 120m
 - ✦ Shielded
 - ✦ Outer insulation RED
 - ✦ Conductors to be min 0.75mm Stranded

BILL OF MATERIALS		
SYMBOL	QTY	DESCRIPTION
	1	Linear Heat Detection Cable 185Deg C - 1 m
	1	Linear Heat Detection Cable 185Deg C - 2 m
	1	FirePro Aerosol Generator - 100G
	2	FirePro Aerosol Generator - 200G
	1	FirePro Aerosol Generator - 500G
	1	FP-C2 Sub Fire Indicator Panel

FIRE SAFETY EQUIPMENT PTY LTD		
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Date 27-02-20		