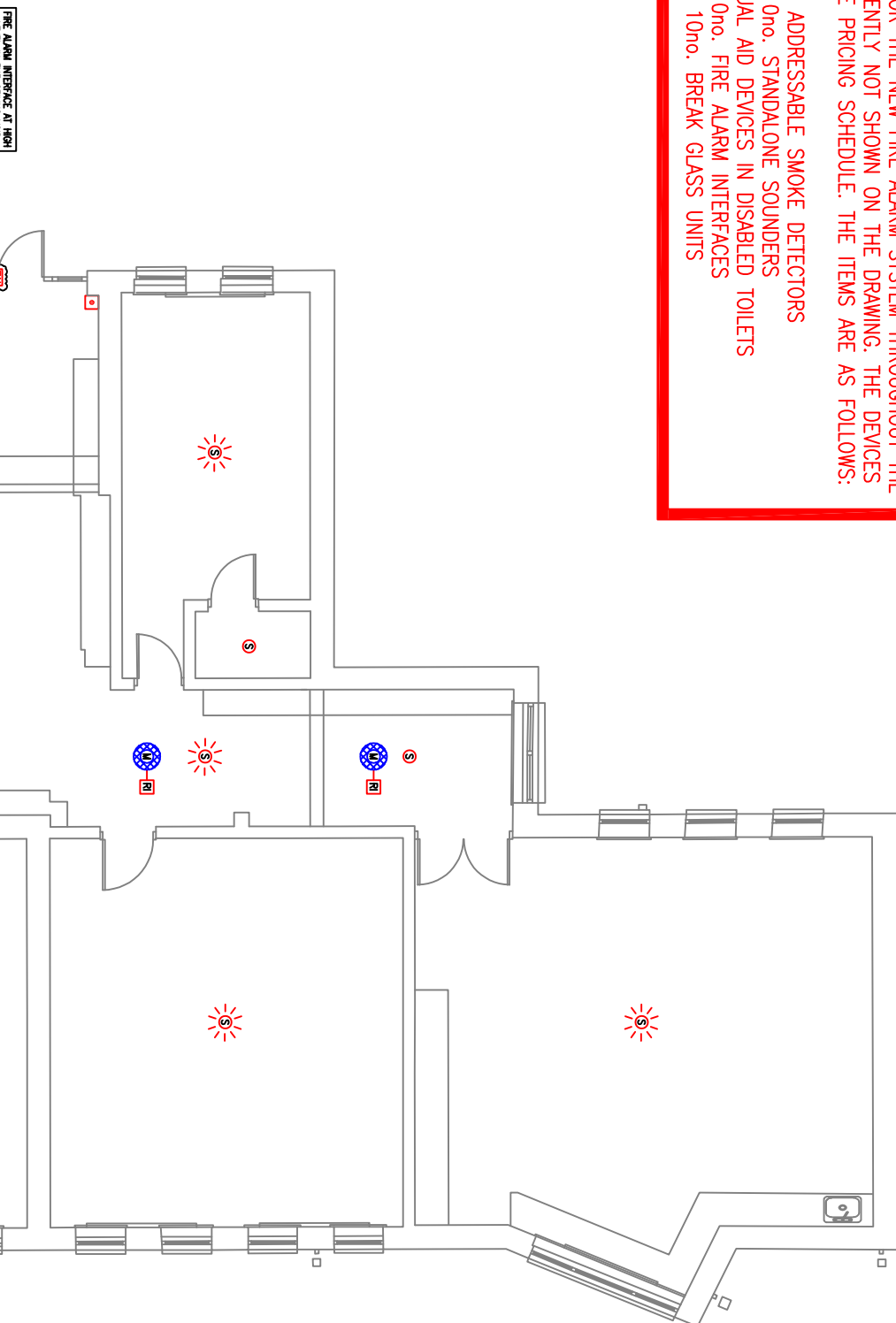


NOTE: THE CONTRACTOR SHALL ALLOW FOR THE REMOVAL AND INSTALLATION OF A NUMBER OF DEVICES TO BE USED BY THE FIRE DEPARTMENT TO INSURE THE BUILDING WHICH ARE CURRENTLY NOT SHOWN ON THE DRAWING. THE DEVICES SHALL BE INCLUDED IN THE PRICING SCHEDULE. THE ITEMS ARE AS FOLLOWS:

- 2000. ADDRESSABLE SMOKE DETECTORS
- 1000. STANALONE SMOKE
- 500. VISUAL AND AUDIO IN RECESSED TOILETS
- 100. RECESSED TOILET
- 1000. BREAK GLASS UNITS

- NOTE: THE CONTRACTOR SHALL ALLOW FOR THE REMOVAL AND INSTALLATION OF A NUMBER OF DEVICES TO BE USED BY THE FIRE DEPARTMENT TO INSURE THE BUILDING WHICH ARE CURRENTLY NOT SHOWN ON THE DRAWING. THE DEVICES SHALL BE INCLUDED IN THE PRICING SCHEDULE. THE ITEMS ARE AS FOLLOWS:
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 - 1000. BREAK GLASS UNITS



PLEASE ENSURE THAT REMOTE INDICATORS ARE INSTALLED FOR ALL DETECTORS INSTALLED IN THE CEILING VOID OR IN THE ATTIC SPACE.

THE FIRE ALARM SYSTEM
IN THE BUILDING SHALL
BE ADDRESSABLE AND
OPEN PROTOCOL

ALL NEW FIRE ALARM
CABLING SHALL BE METAL
CLIPPED TO THE NEW
TRAY FOR THE NEW FIRE
ALARM CABLING

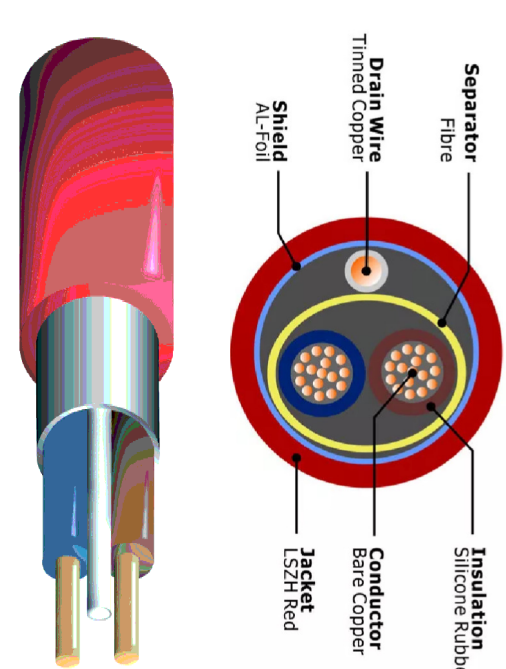
THE FIRE ALARM SYSTEM
IN THE BUILDING SHALL BE
A CATEGORY 'L1' SYSTEM

THE CONTRACTOR SHALL ALLOW FOR DECOMMISSIONING AND REMOVAL OF THE EXISTING FIRE ALARM & EMERGENCY LIGHTING SYSTEM INSTALLATIONS THROUGHOUT THE BUILDING. THE CONTRACTOR SHALL ALLOW FOR DECOMMISSIONING AND REMOVAL ALL EXISTING FIRE ALARM PANELS, FIRE ALARM DEVICES, CABLES, EMERGENCY LIGHTING, ETC. THROUGHOUT THE BUILDING. ALLOW FOR ALL NECESSARY WORKS FOR THE DECOMMISSIONING AND REMOVAL OF THE EXISTING FIRE ALARM & EMERGENCY LIGHTING SERVICES INSTALLATION THROUGHOUT THE BUILDING AND THE SUPPLY AND INSTALLATION OF A NEW FIRE ALARM & EMERGENCY LIGHTING SYSTEMS AS HIGHLIGHTED ON THE DRAWINGS AND SPECIFICATIONS IN REPLACEMENT.

FIRE ALARM CABLING (PH120)

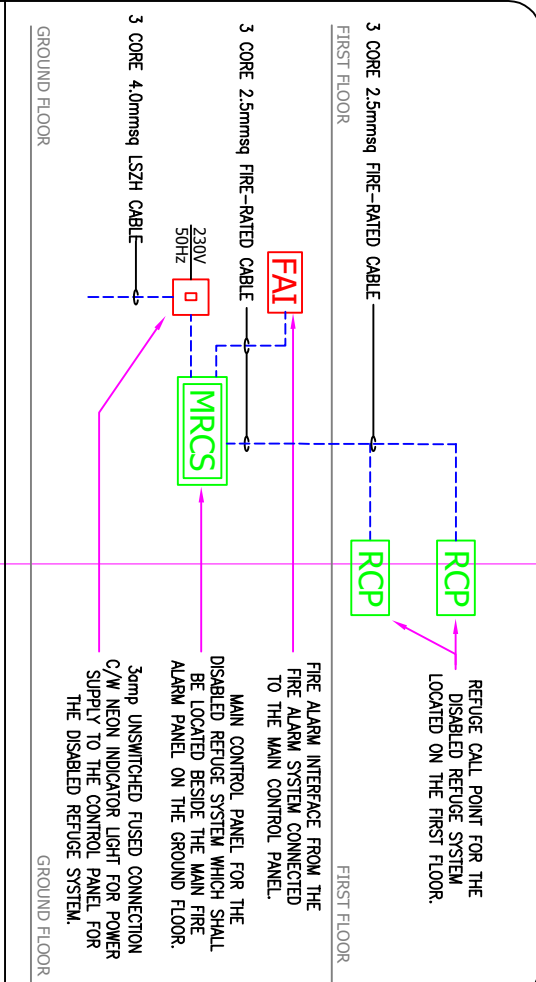
ALL FIRE ALARM CABLING SHALL BE PH120 ENHANCED FIRE ALARM CABLING. FIRE ALARM CABLING SHALL ADHERE TO THE FOLLOWING:

- SHALL HAVE A MINIMUM 1-HOUR FIRE RESISTANCE
- RED STEEL
- UPPER APPROVED
- BASED ON APPROVED
- BS 5266-1 ENHANCED FIRE RESISTING CABLE
- BS 5839-1 1, 6, 8 & 9 ENHANCED FIRE RESISTING CABLE
- BS 8432-2 (120 MINUTES)
- BS EN 50200 (PH 120)
- BS EN 50200-2
- BS EN 60754-2
- BS EN 61034-2
- BS EN 50200 PH20, PH40, PH120
- BS 8434-2 FLAME, SMOKE & WATER TEST FOR ENHANCED

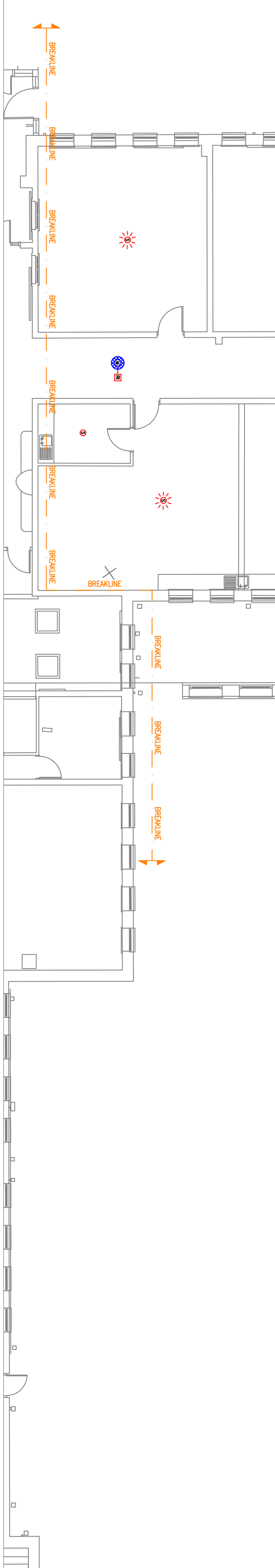
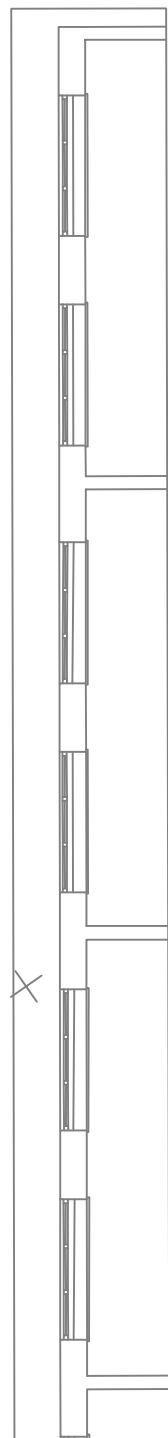


PROTECTIVE SERVICES SYMBOLS

					
OPTICAL HEAT DETECTOR INSTALLED ON THE CEILING	MANUAL CALL POINT (MOUNTED AT 1100mm TO THE CENTER A.F.F.L.)	FIRE ALARM INTERFACE	COMBINED SMOKE DETECTOR, SOUNDER UNIT SHALL BE MOUNTED ON THE CEILING.	OPTICAL SMOKE DETECTOR INSTALLED ON THE CEILING	OPTICAL HEAT DETECTOR INSTALLED ON THE CEILING
					
OPTICAL MULTI DETECTOR INSTALLED ON THE CEILING	INTERNAL MAGNETIC DOOR/HOLD OPEN DEVICE CONTACTS C/W JAMP POWER SUPPLY MANUAL SWITCH OVER RIDE FACILITY ON EACH DEVICE.	DOOR	FIRE ALARM CABLING INSTALLED THROUGHOUT THE BUILDING, CABLING TO BE PH120.	OPTICAL MULTI DETECTOR INSTALLED ON THE CEILING	COMBINED SMOKE DETECTOR WITH SOUNDER INSTALLED ON THE CEILING
					COMBINED HEAT DETECTOR WITH SOUNDER INSTALLED ON THE CEILING
COMBINED HEAT DETECTOR WITH SOUNDER INSTALLED ON THE CEILING	NEW MAIN FIRE ALARM PANEL, FIRE ALARM SYSTEM IN THE BUILDING, MAINKAMU SHALL BE 1800mm TO THE TOP OF THE PANEL.				COMBINED HEAT DETECTOR WITH SOUNDER INSTALLED ON THE CEILING
					MULTI SENSOR DETECTOR INSTALLED IN THE BUILDING, THE DETECTOR SHALL BE INSTALLED BELOW THE CEILING
MULTI SENSOR DETECTOR INSTALLED IN THE BUILDING, THE DETECTOR SHALL BE INSTALLED BELOW THE CEILING	DISABLED REFUGE CALL POINT, CALL POINT PANEL FOR THE DISABLED REFUGE SYSTEM AT THE MAIN ENTRANCE OF THE BUILDING.				SMOKE DETECTOR INSTALLED IN CEILING VOID ALONG ESCAPE ROUTES, REMOTE INDICATOR CEILING DIRECTLY BELOW THE DETECTOR TO HIGH-LOFT IF DETECTOR IS IN ACTIVATION.
					SMOKE DETECTOR INSTALLED IN CEILING VOID ALONG ESCAPE ROUTES, REMOTE INDICATOR CEILING DIRECTLY BELOW THE DETECTOR TO HIGH-LOFT IF DETECTOR IS IN ACTIVATION.
SMOKE DETECTOR INSTALLED IN CEILING VOID ALONG ESCAPE ROUTES, REMOTE INDICATOR CEILING DIRECTLY BELOW THE DETECTOR TO HIGH-LOFT IF DETECTOR IS IN ACTIVATION.	FIRE ALARM INTERFACE FOR CONTROLLERS FOR DOOR ACCESS SYSTEMS				REMOTE LED INDICATION LIGHT FOR DETECTORS IN CEILING VOID OR ATTIC SPACE, REMOTE DETECTOR WORKING ON THE CEILING BELOW.
					EXTERNAL FIRE ALARM BELL AND BEACON (MOUNTED AT 2200mm A.F.F.L. EXTERNALLY)
EXTERNAL FIRE ALARM BELL AND BEACON (MOUNTED AT 2200mm A.F.F.L. EXTERNALLY)	FIRE ALARM ASPIRATION PREWORK				



DETAIL FOR DISABLED REFUGE SYSTEM



GENERAL NOTES

- [illegible]

PROTECTIVE SERVICES NOTES:

9. THE CONTRACTOR SHALL ALLOW FOR RECOMMISSIONING AND READING THE EXISTING FIRE ALARM SYSTEM AND COMPONENTS THROUGHOUT BUILDING. THE EXISTING FIRE ALARM SYSTEM INSTALLATION THROUGHOUT BUILDING INCLUDING ALL DEVICES, CABLEING, CONTAMINATION, ETC. SHALL BE RECOMMISSIONED AND REMOVED THROUGHOUT THE BUILDING.

10. THE CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF A NEW ADDRESSABLE FIRE ALARM SYSTEM THROUGHOUT THE BUILDING AS INDICATED ON THE DRAWINGS. THIS INCLUDES ALL FIRE ALARM PANELS, FIRE ALARM DEVICES, FIRE ALARM CABLEING, ETC. THE NEW FIRE ALARM SYSTEM SHALL BE AN OPEN PROTOCOL SYSTEM.

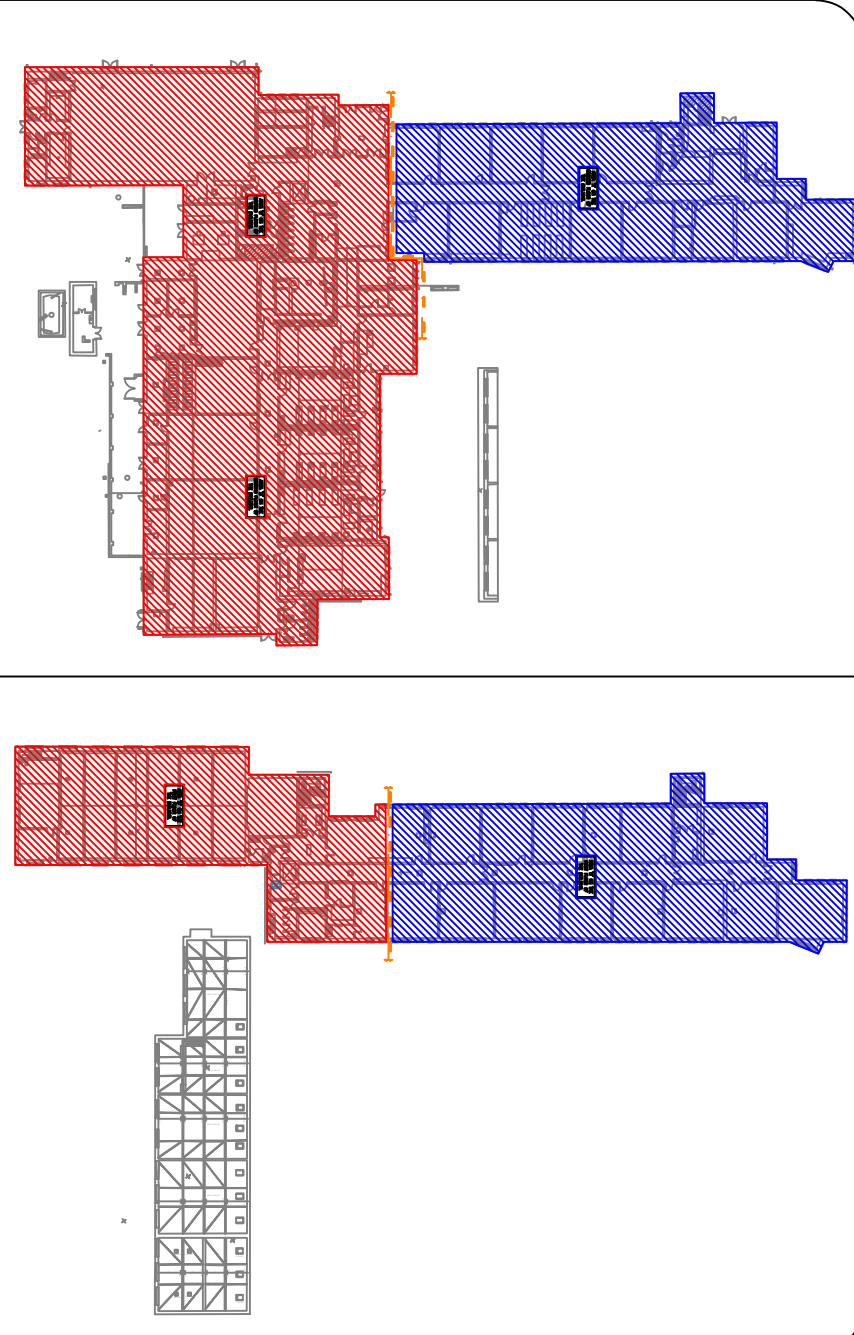
- THE KEN WAT FINE ALUM SYSTEM SHALL BE INSTALLED THROUGH THE BUILDING SHALL BE A NEAREST POSSIBLE ACCESS TO THE EXISTING ROOF OR WALL. THE KEN WAT FINE ALUM SHALL BE INSTALLED THROUGH THE BUILDING SHALL BE A NEAREST POSSIBLE ACCESS TO THE EXISTING ROOF OR WALL. THE KEN WAT FINE ALUM SHALL BE INSTALLED THROUGH THE BUILDING SHALL BE A NEAREST POSSIBLE ACCESS TO THE EXISTING ROOF OR WALL.
- THE CONTRACTOR'S FINE ALUM SYSTEM IS RESPONSIBLE FOR THE FINAL FINE ALUM SYSTEM ONLY COMPLIANT WITH 622710-2024.
1. ALL NEW FINE ALUM DRAINAGE SHALL BE DESIGNED, INSTALLED AND COMMISSIONED ACCORDING TO AN "I" SYSTEM IN ACCORDANCE WITH S. 2812(2)-1; REBURY C. & Z. S. EN 2020 AND 9504-2

- [illegible]

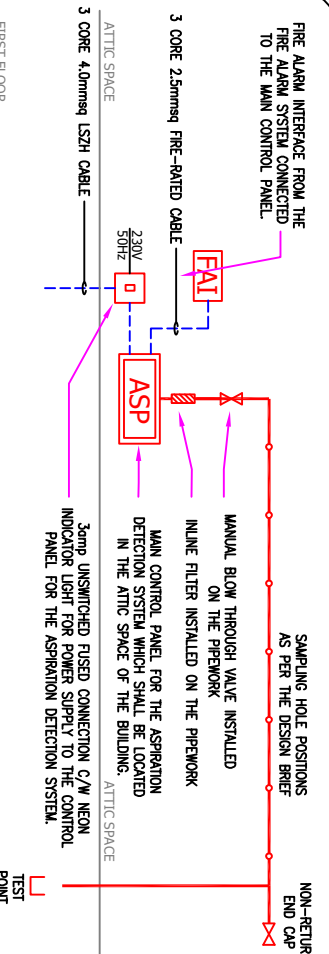
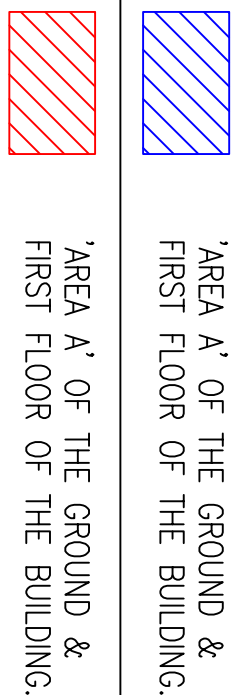
23. THE CONDUCTION SHALL ALLOW FOR THE SPEECH AND RESPIRATION OF A NON-ASPIRATION SMOKE DETECTION SYSTEM AT THE TOP OF THE LIFT SHAFT IS INDICATED ON THE DRAWINGS. THE ASPIRATION SMOKE DETECTION SYSTEM SHALL COMPLY WITH BS EN 54-20, BS 5839, BS 7261-0 AND BS 52681-01:2019.
24. THE MAIN ASPIRATION PANEL FOR THE SYSTEM WILL BE LOCATED OUTSIDE THE LIFT SHAFT IN HIGH LEVEL, ON THE FIRST FLOOR OF THE BUILDING IN THE LOCATION AS INDICATED ON THE DRAWINGS.
25. THE ASPIRATION SMOKE DETECTION SYSTEM SHALL BE INSTALLED WITH 5 ALARM LINES (3 PRE-ALARM AND 2 ALARM).
26. THE MOST LEGALS OF THE ASPIRATION SMOKE DETECTION SYSTEM SHALL COMPLY WITH BS 11800-1.

- 11-2. THE SANDING PAPER FOR THE ASPIRATION SOURCE DETECTION SYSTEM SHALL BE INSTALLED IN RED AND BLUE PAPER AND SHALL BE INSTALLED AT THE TOP OF THE LEFT SHIRT PANTS, SHALL COMPLY WITH IS 15420-2 AND IS 15138.
- 11-3. TEST POINTS SHALL BE INSTALLED AT THE END OF LINE ON THE PNEUMATIC. THE CONNECTION SHALL ALLOW TEST POINT TO BE LOCATED IN THE CORNER OF THE EXTENSION AT HIGH LEVEL. TEST POINT WILL NEED TO BE ACCESSIBLE.
- 11-4. DISABLED REFUGEE SERVICES NOTES:

DISABLED REFUGEE SERVICES NOTES:

[illegible]

KEY PLAN FOR THE BUILDING (SCALE 1:500)



IT1	22/02/26	R. WHITE	M. GORMLEY
REV	DATE	ISSUED BY/PROJECT NUMBER	QUANTITY SPACE BIC
MAKE CONSULTANT			



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Drawing Status	TENDER
Job Title	ST. CIARAN'S CS, TOWNSPARK, KELLS, CO. MEATH.
Drawing Title	NEW PROTECTIVE SERVICES INSTALLATION TO BE INSTALLED IN 'AREA A' ON THE GROUND FLOOR OF THE BUILDING.
Architect	
Drawing No.	68(E001)
Job No.	26-053
Drawn By	R.W
Scale	1:125 on A1
Rev.	T1