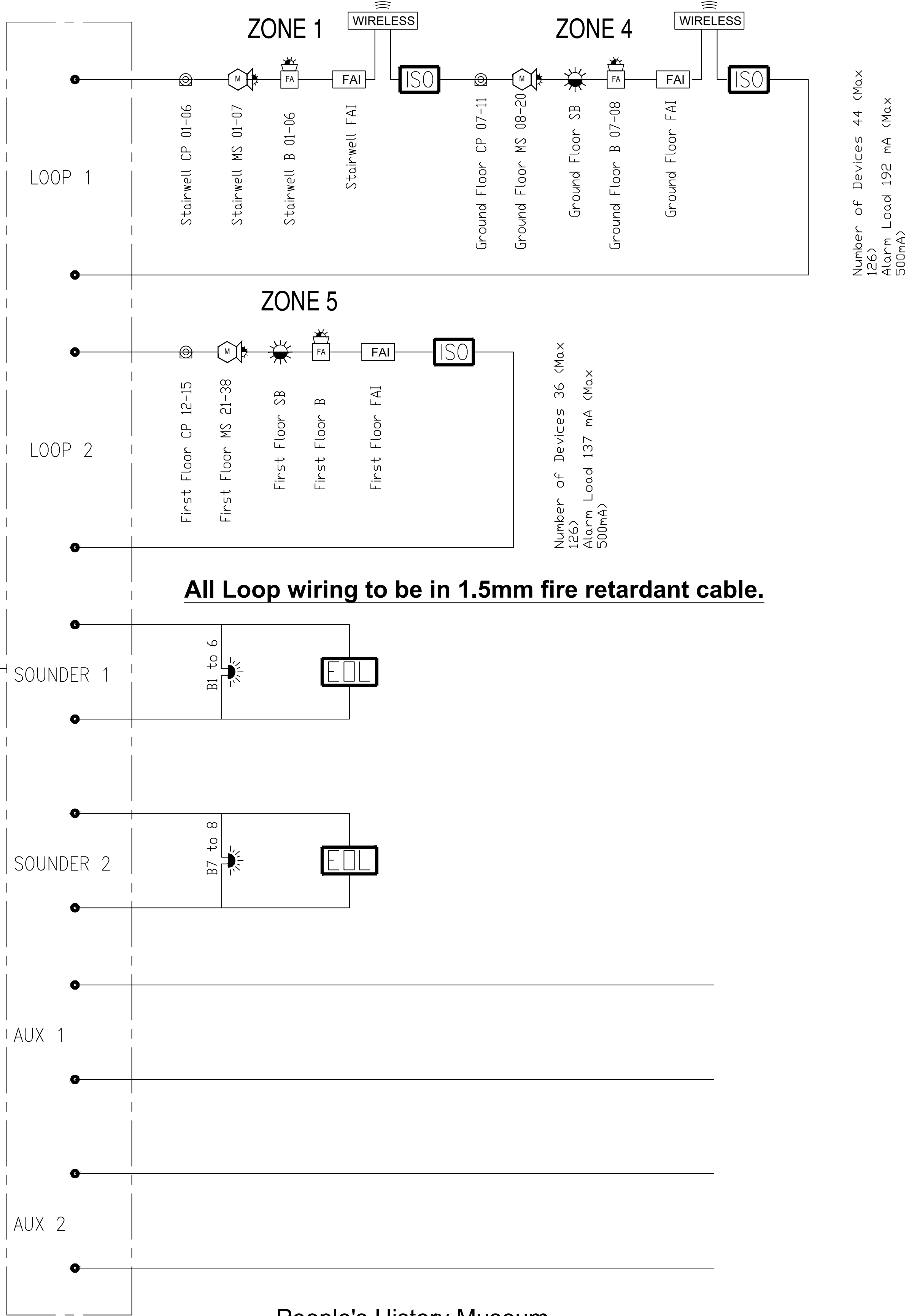


To Fire Alarm Supply using 2.5mm fire retardant cable to Section Board via 20 Amp rotary isolator lockable in ON and OFF position.

20 amp double pole Keyswitch made up from gridswitch components adjacent to control panel.

1mm 3 core heat resistant flex.

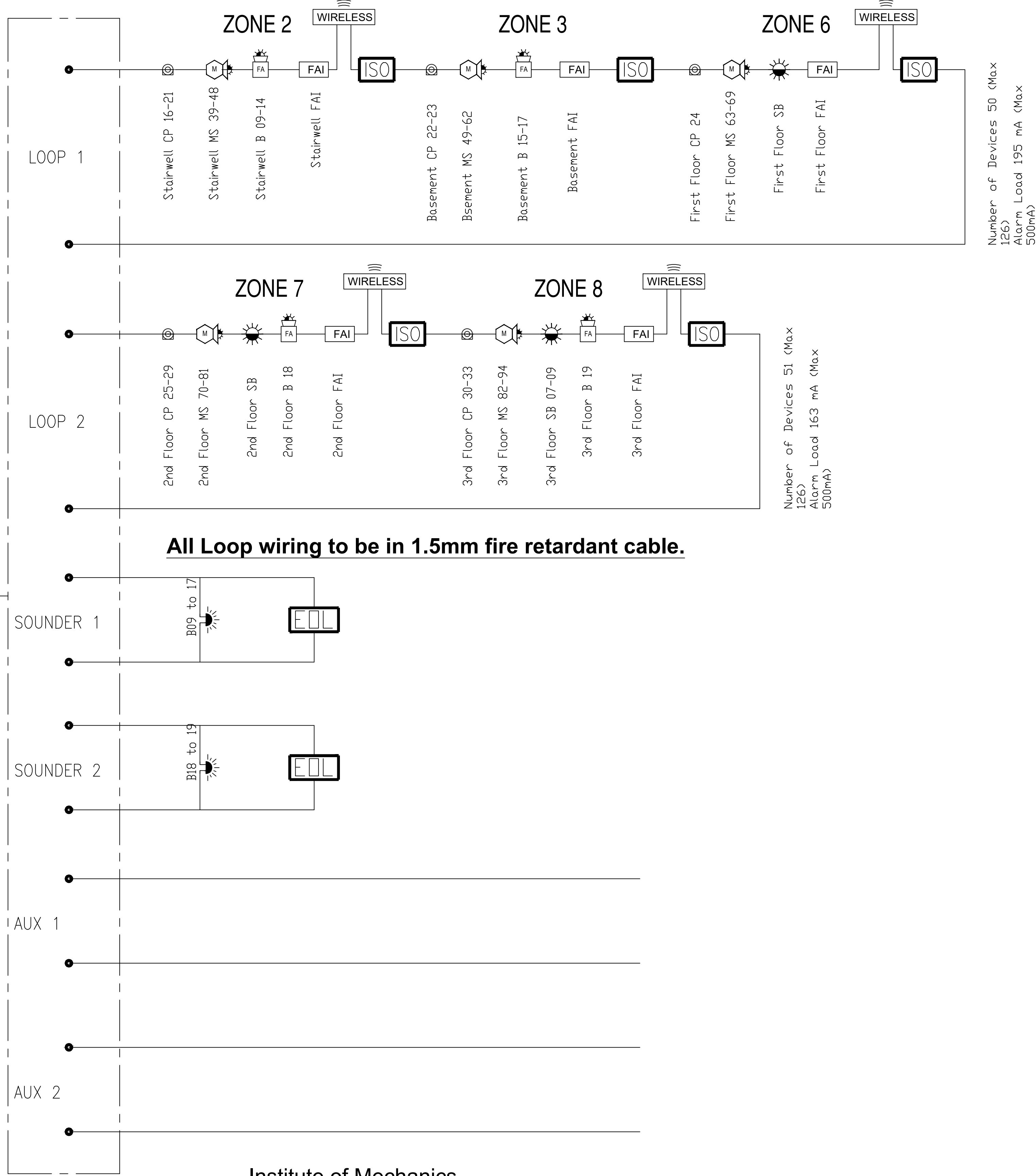


People's History Museum
Indicative Fire Alarm Control Panel

To Fire Alarm Supply using 2.5mm fire retardant cable to Section Board via 20 Amp rotary isolator lockable in ON and OFF position.

20 amp double pole Keyswitch made up from gridswitch components adjacent to control panel.

1mm 3 core heat resistant flex.



Institute of Mechanics
Indicative Fire Alarm Control Panel

- NOTES
1. All dimensions are in millimetres unless otherwise stated
 2. This drawing is to be read with all other relevant documentation
 3. Do not scale from this drawing, all measurement data should be taken directly from the model

Fire alarm

- Fire alarm panel c/w red key switch fused connection unit
- Fire alarm remote panel
- Fire alarm detector 'X' denotes type
- Fire alarm detector with integral sounder 'X' denotes type
- Fire alarm detector with integral sounder and smoke 'X' denotes
 - O = optical
 - I = heat
 - M = multi sensor
- Flashing beacon & sounder - ceiling mounted
- Fire alarm sounder with integral flashing beacon
- Red break glass unit / manual call point
- Fire alarm detector in ceiling void / not c/w remote indicator 'X' denotes type
- Fire Alarm interface
- Accessible VFC Alarm

Fire alarm notes

THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH MANCHESTER CITY COUNCIL STANDARD AND PARTICULAR ELECTRICAL SPECIFICATIONS.

FIRE ALARM SYSTEM TO BE DESIGNED, INSTALLED AND COMMISSIONED IN COMPLIANCE WITH BS5839 PART 1 CATEGORY LD. ANY OTHER RELEVANT BRITISH STANDARDS INCLUDING BS7171 LATEST EDITION, ANY ADDITIONAL REQUIREMENTS OF THE BUILDING CONTROL / FIRE OFFICER AND BUILDING REGULATIONS DOCUMENT B.

DISTANCES, CLEARANCES AND CABLE LENGTHS SHOULD BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

THE EXACT LOCATIONS OF ALL PROPOSED FIRE ALARM EQUIPMENT SHALL BE FINALISED ON SITE WITH THE MAIN CONTRACTOR AND CONTRACT ADMINISTRATOR. DOOR SWINGS SHALL BE CAREFULLY CHECKED BEFORE ACCESSORIES SUCH AS MANUAL CALL POINTS ARE INSTALLED.

THE CONTRACTOR SHALL USE THE INFORMATION PROVIDED TO INSTALL A COMPLIANT SYSTEM TAKING INTO ACCOUNT THE MANUFACTURERS RECOMMENDATIONS REGARDING MAXIMUM LOOP LENGTHS, VOLTAGE DROPS AND NUMBER OF DEVICES. ALL LOOPS SHALL HAVE A MINIMUM OF 20% SPARE CAPACITY FOR BOTH LOOP LENGTH AND NUMBER OF DEVICES.

WIRING SYSTEMS SHALL BE SUPPORTED SUCH THAT THEY WILL NOT BE LIABLE TO PREMATURE COLLAPSE. IN THE EVENT OF A FIRE NON-METALLIC CABLE CLIPS OR NON-METALLIC CABLE TIEWRAPS SHALL NOT BE PROVIDED AS THE SOLE MEANS OF SUPPORT. METALLIC CONTAINMENT SHALL BE SECURED USING NON-COMBUSTIBLE WALL ANCHORS AND FRINGS.

ALL FIRE ALARM WIRING SHALL BE SEGREGATED FROM MAINS WIRING AS SPECIFIED IN BS7171.

UPON COMPLETION THE APPROPRIATE CERTIFICATION AS PRESCRIBED IN BS5839, BS7171 AND AS INDICATED BY THE MSEC SHALL BE COMPLETED AND FORWARDED TO THE MAIN CONTRACTOR / CONTRACT ADMINISTRATOR.

THE CONTRACTOR SHALL INCLUDE FOR THE SUPPLY AND INSTALLATION OF A FIRE ALARM PANEL, KEY SWITCHED FUSED CONNECTION UNIT INSTALLED ADJACENT TO THE MAIN PANEL.

THE EXISTING REMOTE COMMUNICATORS ARE ALSO TO COMMUNICATE THE FIRE ALARM SIGNALS TO THE CONTROL STATION. THE CONTRACTOR WILL INCLUDE FOR THE REQUIRED WIRING, CONNECTIONS AND JOINT COMMISSIONING WITH THE INTRODUCED ALARM ENGINEER TO CARRY OUT THE REQUIRED WORKS.

THE CONTRACTOR SHALL INCLUDE FOR THE FIRE ALARM INTERFACES NOT SHOWN TO: LIFT CONTROL, GAS SOUNDED, KITCHEN GAS TEST, ALL ACCESS CONTROLLED DOORS.

THE CONTRACTOR SHALL INCLUDE FOR THE FINAL CONNECTIONS TO ALL FIRE ALARM INTERFACES REQUIRED INCLUDING FROM LIFT AND SOLER CONTROLLERS.

ALL LOCATIONS AND NUMBERS OF EQUIPMENT SHOWN ARE INDICATIVE FOR TENDER PURPOSES. FINAL LOCATIONS SUBJECT TO APPROVAL FROM THE PLANNING OFFICER. ALL LOCATIONS SHALL BE CONFIRMED PRIOR TO INSTALLATION.

WIRELESS EQUIPMENT TO BE INSTALLED IN THOSE AREAS WITHOUT FALSE CEILINGS TO MINIMIZE THE NEED FOR CABLE RUNS IN HERITAGE AREAS. CONTRACTOR TO INCLUDE FOR NECESSARY WIRELESS MODULE DEVICES NOT SHOWN.

CONTRACTOR TO LIAISE WITH FIRE ALARM SPECIALIST TO DETERMINE THE NUMBER AND LOCATIONS OF WIRELESS MODULE DEVICES REQUIRED.