

- 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 detector 'X' denotes type
-  Fire alarm detector with integral sounder 'X' denotes type
-  Fire alarm detector with integral sounder and strobe 'X' denotes type
-  H = heat
-  M = multi sensor
-  Flashing xenon beacon & sounder - ceiling mounted
-  Fire alarm sounder with integral flashing beacon
-  Red break glass unit / manual call point
-  Fire alarm detector in ceiling void / roof c/w remote indicator. 'X' denotes type
-  Fire Alarm Interface
-  Accessible WC 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 L3. ANY OTHER RELEVANT BRITISH STANDARDS INCLUDING BS7671 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 MANUFACTURER'S 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 TRUNKING SHALL NOT BE PROVIDED AS THE SOLE MEANS OF SUPPORT. METALLIC CONTAINMENT SHALL BE SECURED USING NON-COMBUSTIBLE WALL ANCHORS AND FIXINGS.

ALL FIRE ALARM WIRING SHALL BE SEGREGATED FROM MAINS WIRING AS SPECIFIED IN BS7671.

UPON COMPLETION THE APPROPRIATE CERTIFICATION AS PRESCRIBED IN BS5839, BS7671 AND AS INDICATED BY THE NICEIC 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 INTRUDER ALARM ENGINEER TO CARRY OUT THE REQUIRED WORKS.

THE CONTRACTOR SHALL INCLUDE FOR THE FINAL CONNECTIONS TO FIRE ALARM INTERFACES FROM LIFT AND BOILER CONTROLLERS.

Rev	Description	By	Date
A	Amended in line with new scope of works	TB	11.10.22



MANCHESTER
CITY COUNCIL

Capital Programmes
Division

Manchester City Council
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DRAWING STATUS Pricing

PROPERTY TITLE
Greenheys Adult Learning Centre
Upper Lloyd Street, Manchester
M14 4HZ

UPRN
010023048514

DfE NO.
0530

PROJECT TITLE
N/A

DRAWING TITLE
FIRE ALARM - Level 01 Floor Plan

JOB NO.
AMP45213

DATE
03/03/22

REV
A

SCALE
1:100@A1

AUTHOR
TB

CHECKED BY

APPROVED BY

DRAWING NO.
MCC-B01-01-DR-E-0013

