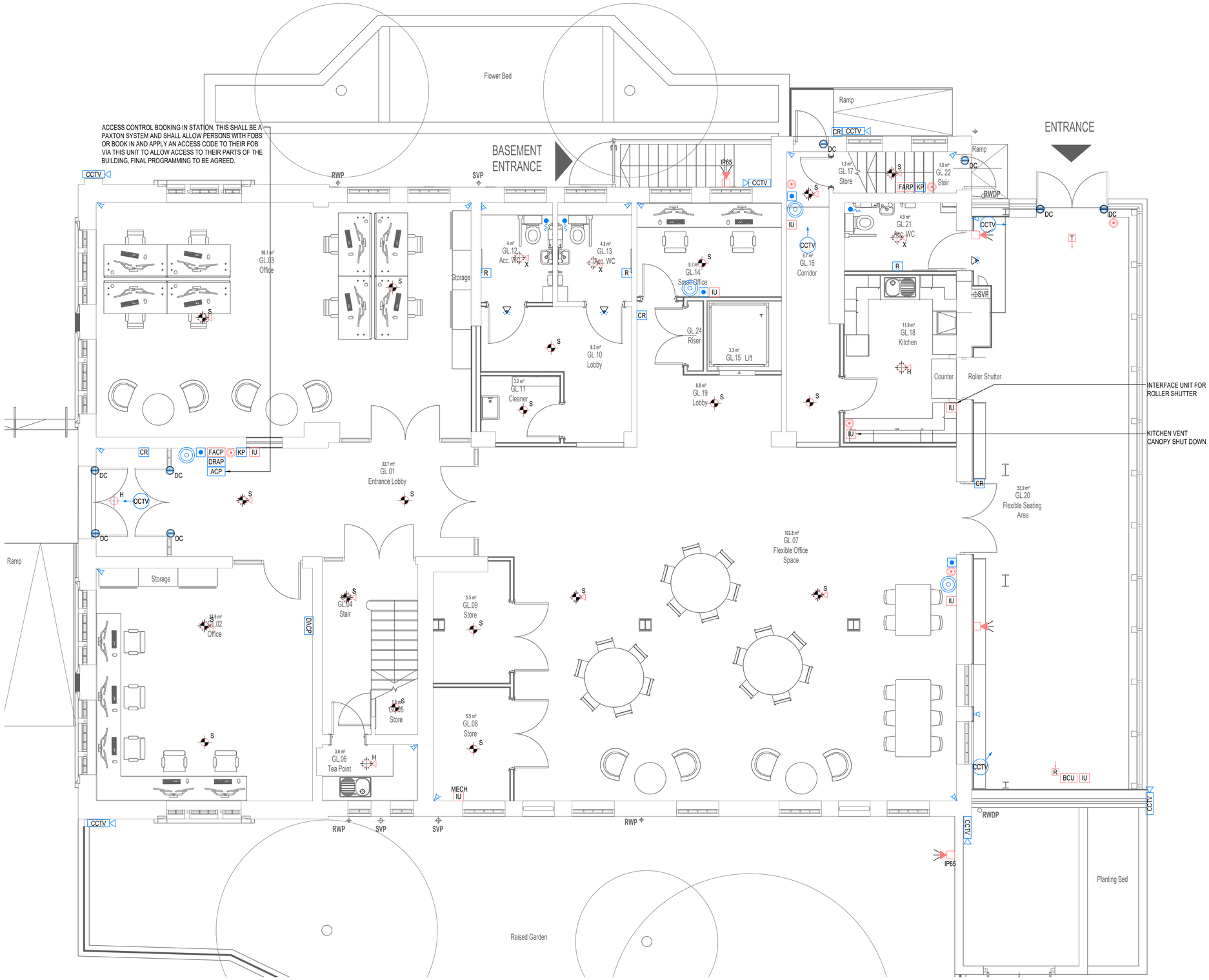


FIRE AND SECURITY LEGEND	
SYMBOL	DESCRIPTION
S	SMOKE DETECTOR
S	SMOKE DETECTOR
H	HEAT DETECTOR
H	HEAT DETECTOR
X	SOUNDER c/w XENON FLASHING BEACON
	MANUAL CALL POINT / RED BREAKGLASS
T	BEAM DETECTOR TRANSMITTER
R	BEAM DETECTOR RECEIVER
BCU	POWER SUPPLY UNIT
IU	INTERFACE UNIT
FARP	FIRE ALARM REPEATER PANEL
FACP	FIRE ALARM CONTROL PANEL
RCP	REFUGE ALARM CALL POINT
	DUAL TECHNOLOGY SENSOR
IAP	INTRUDER ALARM PANEL
DC	DOOR CONTACT
CR	CARD READER
	DOOR RELEASE BUTTON / PUSH PAD
	GREEN BREAKGLASS
KP	KEY-PAD
CCTV	CCTV CAMERA DOME
CCTV	CCTV CAMERA FIXED
	DISABLED ALARM SYSTEM PULL CORD
R	DISABLED ALARM SYSTEM RESET BUTTON
	DISABLED CALL ALARM SOUNDER BEACON
DACP	DISABLED ALARM CONTROL INDICATOR PANEL
DRAP	DISABLED REFUGE ALARM PANEL
ACP	ACCESS CONTROL PANEL

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This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):

NOTES:

1. DO NOT SCALE OFF THIS DRAWING.
2. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE RELEVANT MECHANICAL AND / OR ELECTRICAL SPECIFICATION(S).
3. ALL DIMENSIONS SHOWN ARE IN mm UNLESS SHOWN OTHERWISE.

FIRE ALARM NOTES.

1. FIRE ALARM SYSTEM SHALL BE INSTALLED, TESTED AND COMMISSIONED TO BS5839 & BS9999.
2. FIRE ALARM SYSTEM TO BE INSTALLED, ZONED, TESTED AND COMMISSIONED BY AN APPOINTED SPECIALIST.
3. COVERAGE TO BE CATEGORY L2 TBC BY FIRE ALARM SPECIALIST/BUILDING CONTROL.
4. ALL CEILING MOUNTED FIRE ALARM DEVICES SHALL BE COORDINATED WITH THE FINISHED CEILING GRID AND ANY CEILING MOUNTED FIXTURES AND FITTINGS PRIOR TO INSTALLATION.
5. COMBINED SOUNDER/DETECTORS SHALL BE USED WHERE PRACTICAL.
6. ALL ITEMS OF MECHANICAL PLANT AND SECURITY EQUIPMENT SHALL BE INTERFACED WITH THE FIRE ALARM SYSTEM INCLUDING MAINS GAS.
7. FINAL LOCATIONS OF EQUIPMENT SHALL BE AGREED WITH AN APPOINTED SPECIALIST & CO-ORDINATED WITH OTHER MEP SERVICES AND ARCHITECTS DETAILS.
8. THE FIRE DETECTION AND ALARM SYSTEM LOCATIONS ARE INDICATIVE. COVERAGE OF THESE SERVICES WILL BE SUBJECT TO REVIEW BUILDING CONTROL IN LINE WITH CLIENT REQUIREMENTS.
9. THE PROPOSED FIRE ALARM SYSTEM SHALL BE INSTALLED BY A BAFE APPROVED CONTRACTOR AND SHALL BE MIIMUM L2 COVERAGE. THE NEW FIRE ALARM SYSTEM COMPONANTS AND MAIN PANEL SHALL BE FULLY OPEN PROTOCOL VIA THE ADVANCED ELECTRONICS ADVENT MX RANGE OF PANELS AND APOLLO SMOKE AND HEAT HEADS ETC. THE NEW FIRE ALARM SYSTEM SHALL BE FULLY ADDRESSABLE AND SAHLL BE MINIMUM OF 2 LOOPS

SECURITY NOTES.

1. INTRUDER ALARM SYSTEM TO BE FROM THE HONEYWELL GALAXY RANGE (OR EQUAL AND APPROVED).
2. THE APPOINTED CONTRACTOR SHALL EMPLOY A NACOSS APPROVED SPECILAIST INSTALLER TO SUPPLY, INSTALL, TEST AND COMMISSION THE INTRUDER ALARM AND CCTV SYSTEM.
3. THE CCTV CAMERA'S SHALL BE FROM THE HONEYWELL SECURITY RANGE (OR EQUAL AND APPROVED).
4. THE SECURITY ALARM SYSTEM SHALL BE A GALAXY SYSTEM AND SHALL BE MINIMUM GRADE 3, THE SYSTEM SHALL BE LINKED TO AN AUTO DIALLER FOR OFFSITE MONITORING OF THE CLIENTS CHOOSING.
5. THE PROOSED ACCESS CONTROL SYSTEM SHALL BE A PAXTON NET 2 SYSTEM AND SHALL ALLOW FOR PROGRAMMING THE KEY FOBS VIA A BOOKING IN SYSTEM THAT WILL PROVIDE A CODE TO THE FOBS FROM THE MAIN ENTRNANCE AREA. THIS SHALL FEED THROUGH TO A PAXTON MOBILE PHONE APPLICATION ALSO TO ALLOW ACCESS ON THE CARD READERS VIA MOBILE APPLICATION. PAXTON TO ADVISE ON THE FINAL SYSTEM DETAILS AND PROGRAMMING PARAMETER AND CONTRACTOR TO PRICE ACCORDINGLY

Rev	Date	Description	Eng	Chk
C1	17.03.25	CONSTRUCTION ISSUE	SB	GR
T3	08.11.24	UPDATED INLINE WITH UPDATED XREF	SB	GR
T2	16.10.24	UPDATED INLINE WITH LATEST XREF	SB	GR
T1	27.09.24	TENDER ISSUE	SB	GR

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Project: WREXHAM OLD LIBRARY REFURBISHMENT

Drawing Title: PROPOSED GROUND FLOOR FIRE ALARM AND SECURITY LAYOUT

Status: CONSTRUCTION

Project No.	Drawn	Scale / Paper Size
3327	BW	1:50 @ A1

Drawing No.: 3327-CWC-XX-00-DR-E-6701 Rev: C1