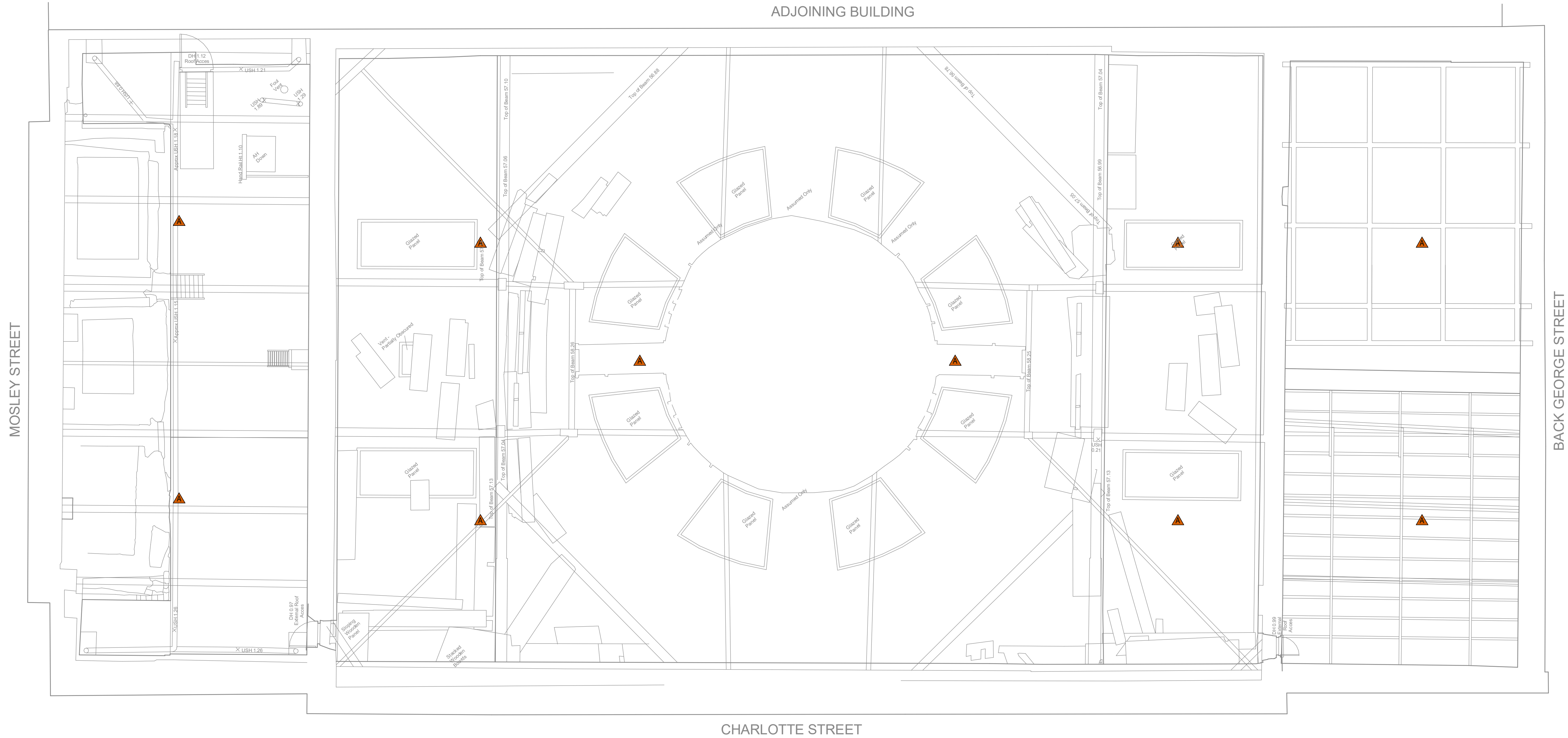




GENERAL NOTES

- Do not scale from this drawing.
- Print this drawing in colour.
- This drawing is to be read in conjunction with all other MXF documents (drawings, schedules and specification) along with other design team documentation.
- Refer to Fire Engineers information for system grading and additional information.
- This is a performance specified system as set out in Spec 200 section 4.2. The contractor undertakes the design. This drawings is provided to indicate the design intent and the performance to be achieved.
- Combined detectors / sounders / visual alarm devices are to be used wherever possible.
- General setting out of all fire alarm components and ancillary items to be by the Architect.

PROJECT SPECIFIC NOTES

- The system is draw as an L1/P1 system. This is to be confirmed by the fire strategy
- In general, the follow strategy has been drawn, pending confirmation by the fire strategy
 - Each floor forms a separate fire and evacuation zone
 - In operation, there may be a desire to keep circulation doors open and so door hold-open devices are provided to certain doors to ensure these close in a fire condition
- The detection strategy is as follows:
 - Surface mounted detectors to the basement, ground floor, and ancillary spaces
 - Aspiration systems to the library and associated rooms
 - Aspiration system to the roof and lift shaft for ease of maintenance
- The alert strategy is as follows:
 - Where surface mounted detectors are provided, some are to incorporate VAD and sounders as required by the space
 - Where aspirating systems are provided, remote, concealed sounders and aesthetically selected beacons are to be provided
 - VAD are to be provided in all WC and shower cubicles
- The intention of the above is to ensure that a person with a hearing impairment could use the building unsupervised.
- The requirement for refuge points and intercoms is to be confirmed by the fire strategy

KEY

- Aspirator Sampling Point
- Aspirator Panel
- Fire Damper Control Panel
- Fire Damper Interface
- Fire Alarm Interface
- Fire Alarm Panel
- Fire Alarm Repeater Panel
- FS
- Fireman's Switch
- VAD / Sounder / Sounder & VAD
- Heat Detector / +Sounder / +VAD / +Sounder & VAD
- Smoke Detector / +Sounder / +VAD / +Sounder & VAD
- Manual Call Point
- Door Hold Open Device
- Fire Damper Control Panel
- Remote Indicator

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client:
Purcell Architects
job no. project leader
J7590 IS
scale at A1
1 : 50
status code and description
S4 - Suitable for Stage Approval

project name
Portico Library

issue date
09/07/2025
revision
P01
classification
Ss_75_50_28_29

drawing title
Fire Detection and Alarm
Level 02
Layout

project code orig. volume level type role number
J7590 - MXF - ZZ - 02 - DR - E - 71100