

First Floor Fire Plan, 1:100@A3

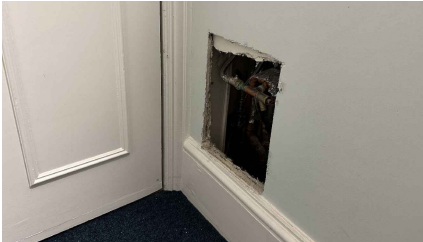
- Boundary to 'high risk' area
- ☒ Required emergency lighting provision incorporating existing systems/locations as far as practicable. Note some of the existing fittings are defective; some are not maintained. Electrical sub-contractor to test existing fittings, replace where condition necessitates and augment with new maintained light fittings to match existing where additional provision is required, and must be in accordance with BS5266-1:2016. **New fittings in Undercroft and Exhibition Spaces to be specified by MTA.**
- Fire exit
- Fire safety signs to be installed throughout the building in accordance with BS5499. Remove existing where indicating an alternative route of escape to those shown.
- Proposed misting coverage. Design and installation by specialist.
- Note existing detection and alarm system to be upgraded from current L2(M) system to P1/L1 system (Simultaneous evacuation).
- Refer to Door Schedule for works to doors in 'high risk' areas.

Fire detection and alarm (locations shown indicatively with exact positioning to be agreed with CA/Architect on site, along with confirmation of cable routes, which are to follow the line of the existing as far as is practicable unless otherwise agreed in advance.

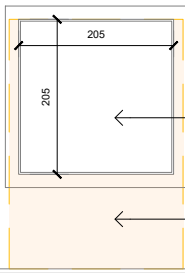
- Ⓢ Smoke detector Ⓢ Smoke det./beacon/sounder
Ⓜ Heat detector Ⓜ Heat det./beacon/sounder
○ Call point **FAP** Fire Panel
BD Beam detector

(Ref 2.4.1.1 Lobby to south side of stairwell) Partitions around main stairwell: Improve passive protection by packing out gap between the bottom of the plasterboard and the wall plate below using Rockwool ROXUL Safe semi-rigid mineral wool batt insulation. Include for installation of the same behind dado panelling where not backing onto masonry.

(Ref 2.4.2.1 Office/Store) Provide and install FlipFix 1 hour rated 300x300mm metal access panel (with picture frame surround) to cover existing hole in the side of the boiler cupboard. To provide edging for clamp fixings, construct double layered plaster board picture frame from British Gypsum Gyproc SoundBloc plasterboard (thicknesses to match existing; 15mm external face and 12.5mm internal), lap jointed and secured to existing with plasterboard adhesive; scrim tape and plaster skim joint. Redecorate side wall in full (emulsion, colour to match existing). Install access panel to supplier's specifications.



Photograph of existing hole to be protected



Elevation, Boiler Cupboard Access Hatch, 1:10@A3



Plan Section, Boiler Cupboard Access Hatch, 1:10@A3

(Ref 2.4.2.2 Office/Store) Fire stop around service penetrations through boiler cupboard enclosure using Envirograf Intumescent Acrylic and Acoustic Mastic (Product 58) applied in accordance with manufacturer's specifications. This should include pipework visible over the narrow staircase down to the kitchen. Notify Architect if a gap greater than 60mm is identified. Finish by painting with emulsion to match in with adjacent finishes.

(Ref 2.4.3.1 Exhibition Spaces) Note replacement of previous lath and plaster finishes to partitions with plasterboard (refer to Schedule of Finishes).

(Ref 2.4.3.2 Exhibition Space) Commission design and installation of smoke curtain across entrance to lift shaft by specialist. This will require connection into fire detection/alarm system for activation in case of a fire, with consideration for delayed action to coordinate with lift (to avoid people becoming trapped within). **IO unit to be installed by Ace Fire and Security.**

(Ref 2.4.4.1 Jacobean Room) Partitions around main stairwell: Improve passive protection by packing out gap between the bottom of the plasterboard and the wall plate below using Rockwool ROXUL Safe semi-rigid mineral wool batt insulation. Include for installation of the same behind dado panelling where not backing onto masonry.

Rev.	Date	Drn.	Chkd.	Description
4.01	12.11.24	GH	CAL	Indicative locations of fire detection and alarm fittings added based on mark-up by Ace Fire and Security.

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Key Plan

Note: This drawing is based on metric surveys by others and received from TMP. CAL are not responsible for the accuracy of the survey information received. All dimensions to be checked on site before placing orders. Any discrepancies to be notified to the Architect.



Stage 4 - Technical Design				Not for construction	
CLIENT	SCALE			DATE	
The Morton Partnership	1:100 @A3			23.05.24	
PROJECT	DRAWN			CHECKED	
Dunstable Priory House	GH			CAL	
DRAWING TITLE	JOB NUMBER	DRAWING NO.	REVISION		
First Floor Fire Plan	125	FP 101	4.01		

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