

Fire Alarm Legend

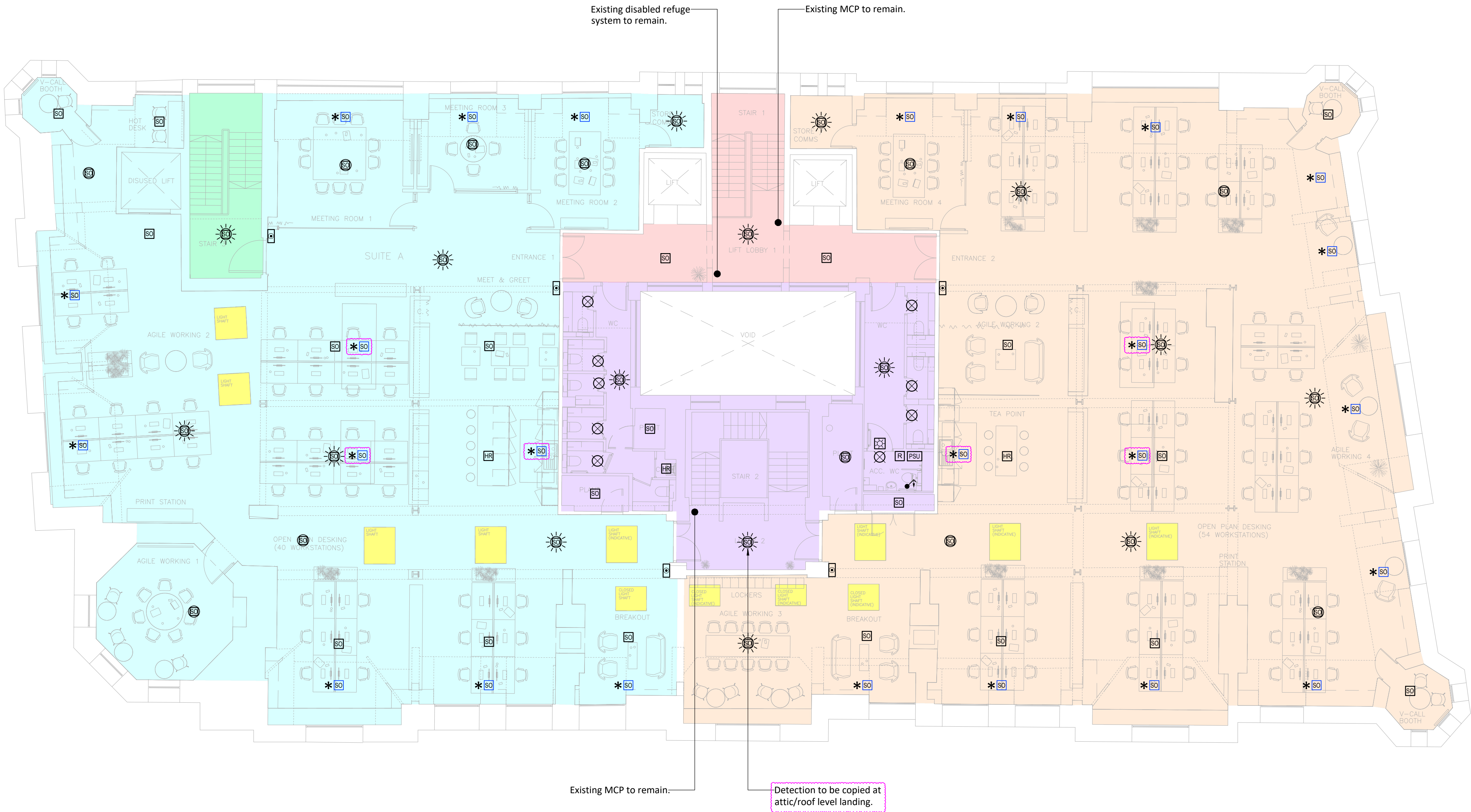
-  Smoke detector
-  Heat detector
-  Smoke detector c/w sounder base
-  Smoke detector c/w sounder base & flashing beacon
-  Manual call point
-  Flashing alarm indicator
-  Distress alarm indicator
-  Distress alarm reset button
-  Distress alarm power supply unit
-  Distress alarm pull cord

-  Tenant Loop 13
-  Tenant Loop 14
-  Existing LL/Core Loop 1
-  Existing LL Loop 13
-  Existing LL loop 4

 FAI to design and confirm final requirements within these locations subject to their detailed risk assessment and agreement with the BCO (if they can be omitted etc).

 Voids to be protected by the attic aspiration system in these locations via air sampling tubes at high level.

All areas within the refurbishment works to include new analogue addressable fire alarm system incorporating manual break glass units, new optical high performance smoke detectors with flashing and sounder base etc installed to L2 classification. The ESI to employ the incumbent fire alarm specialist to design, supply, install, test and commission a complete new system from the existing building system.



Do not scale from this drawing.
Verify dimensions by site measurement.
Read this drawing in conjunction with the latest architectural and structural drawings.
This drawing is based on the following information:-

- Notes:
- This drawing shall be read in conjunction with all Engineering Services drawings for this contract.
 - All works indicated on this drawing shall be carried out in accordance with the relevant Engineering Services specification.
 - This drawing has been produced from a limited-access site survey by an engineer. The contractor shall therefore verify via their own intrusive site survey that the drawing reflects the installations at the commencement of works.
 - The electrical services, equipment and installations which are to remain located in the area of works shall be protected for the duration of works.
 - As part of this project, new accessible 'boarding' shall be installed throughout the roof void to allow future access and maintenance of plant. The ESI shall fully coordinate with the main contractor.
 - It is proposed that where possible, all ceiling mounted services are to be routed within the roof void and supplied to 5th floor from above.
 - This ESI shall provide new LED lighting throughout the roof void area for maintenance purposes.
 - The ESI shall employ a FA specialist to design and install new FA detection throughout the roof void.
 - Any services that are to remain, but inadvertently stripped out or damaged shall be re-instated by the ESI at no cost to the Employer, and to the satisfaction of the Engineer.
 - Refurbishment works will be undertaken within an occupied building. The ESI shall therefore ensure noisy works including noisy works, including drilling, etc shall be completed out of normal working hours.
 - The ESI shall dispose of all redundant materials utilising their own skips, etc, in accordance with the building landlord's access conditions.
 - All works on site shall be undertaken in liaison with the site managers; no works shall be commenced without a permit to work and without comprehensive method statements and risk assessments.
 - Works shall be arranged such that there is no disruption to occupied staff. All works shall be undertaken in accordance with the Employers and building landlord's site rules and restrictions.
 - The ESI shall allow for full liaison and co-ordination with other parties regarding the extent of provision and interfacing, to ensure that the delivery/ site assembly are co-ordinated on site.
 - Services requiring maintenance shall be kept within accessible areas.
 - New builderworks holes shall be formed by the ESI or Principal Contractor, including fire stopping where necessary.
 - All new plant shall be supported independently and not utilise ceiling for support.
 - The lighting/lighting control shall be coordinated with all other services.
 - Final locations of all ceiling penetrations for electrical services shall be co-ordinated with the roof joists by the ESI.
 - The ESI shall employ a structural engineer to check for the suitability of the existing structure to support new plant items and distribution services.
 - This issue is for draft purposes and for initial information purposes only and is to be developed and coordinated further for future revisions.
 - It is proposed that elements of this project will be CDP (Contractor Design Portions) which will be clearly identified within the tender documentation.
 - New fire alarm systems shall be designed and installed within the Tenants demise(s) to be integrated into the main building fire alarm system / loops but the Landlords incumbent specialist. This shall include 2no loops for Tenant's demise to allow for simple split if the demise is to be split to two separate Tenancies.
 - Visual Aid Devices (VAD's) shall be provided within each WC cubicle.
 - The ESI/FAI shall liaise and coordinate with the security specialist for interface units and provide green break glass / door release on all access control doors.

P04	08/08/24	Revised Tender Issue With Minor Coordination Modifications.	BT	SR
P03	02/08/24	Tender Issue.	BT	SR
P02	26/07/24	Preliminary Issue.	BT	SR
P01	19/07/24	Work In Progress.	BT	SR
Rev	Date	Description	Checked	Approved



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Client

AM Alpha

Project
Royal London House
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5th Floor Refurbishment Works

Drawing Title
Electrical Services
5th Floor
Proposed Fire Alarm Layout

Scale 1:100	Sheet Size A1	Designed BT	Checked SR
Project Status TENDER	Suitability	HM Project No. 35660	
Drawing No. 35660-HML-XX-05-GA-E-211001		Rev P04	