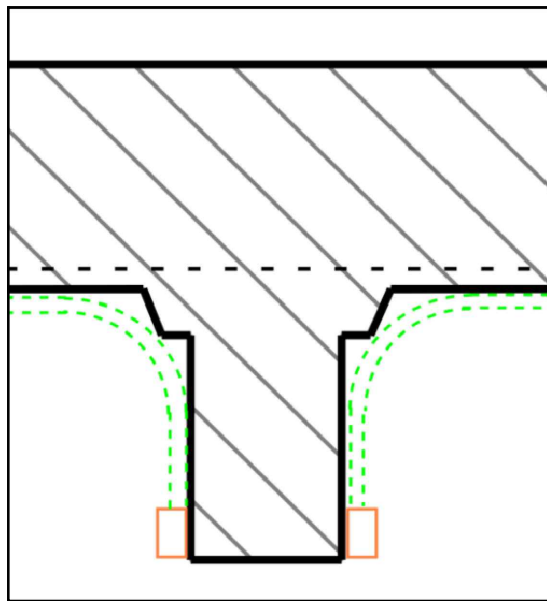




Final details to be co-ordinated and agreed with the Architect by the ESI prior to the commencement of any works.

AA

Legend:

- Proposed containment route (Lighting and Power trunking / FA basket/sub main tray as required)
- Proposed surface mounted containment route (Galvanised conduit). Note: secondary containment typical details by ESI. Key areas indicated for info only.
- Proposed surface mounted containment route (Galvanised 2 compartment trunking - allow 100x50mm for tendering purposes). Note: secondary containment typical details by ESI. Key areas indicated for info only.
- Pitched roof void - containment/services to be routed within void where possible to serve level 5 High level services from above. Refer to separate roof/void layout for further information.
- Indicates area proposed to be served from room above where possible. However, ESI to investigate further if route from 5th floor level is possible that may require surface mounted conduits for final ceiling mounted/suspended services (i.e lighting/FA).

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.
- 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 rood 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 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 ae co-ordinated on site.
- Services requiring maintenance shall be kept within accessible areas.
- New builderwork holes shall be formed by the ESI or Principal Contractor including fire stoppage where necessary.
- All new plants 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.

|     |          |                                                             |    |    |
|-----|----------|-------------------------------------------------------------|----|----|
| P04 | 09/08/24 | 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  
196 Deansgate, Manchester  
5th Floor Refurbishment Works

Drawing Title  
Electrical Services  
5th Floor  
Proposed Containment Layout

|                                            |                  |                |                         |
|--------------------------------------------|------------------|----------------|-------------------------|
| Scale<br>1:100                             | Sheet Size<br>A1 | Designed<br>BT | Checked<br>SR           |
| Project Status<br>TENDER                   |                  | Suitability    | HM Project No.<br>35660 |
| Drawing No.<br>35660-HML-XX-05-GA-E-191001 |                  | Rev            | P04                     |