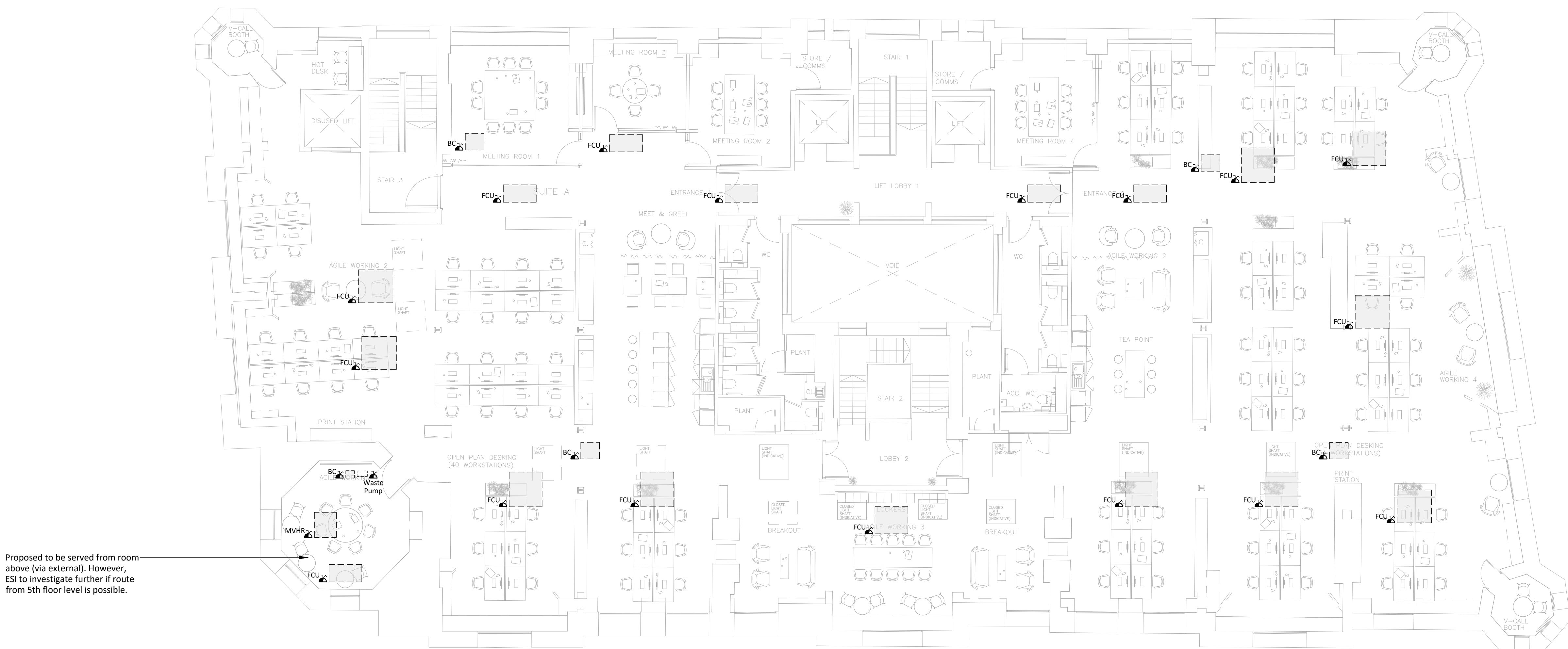


Legend

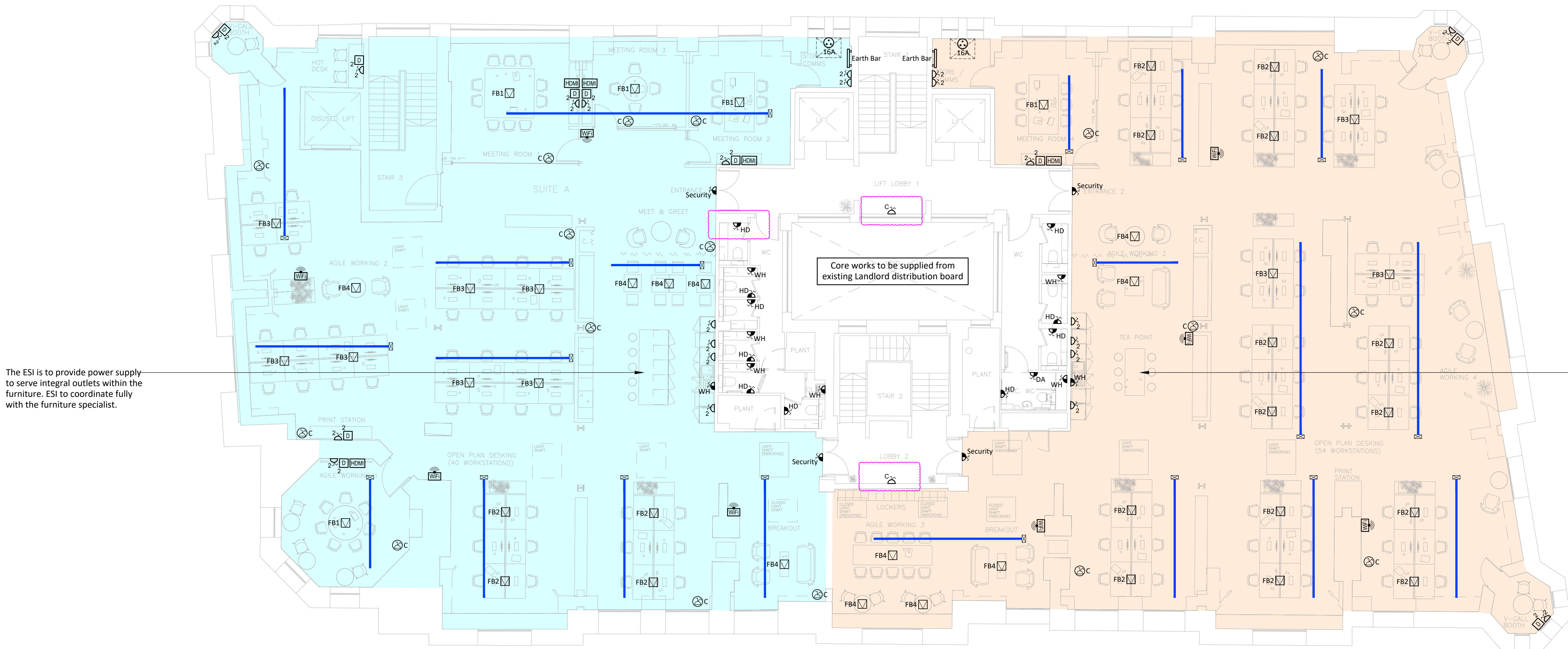
- | | |
|---|--|
|  | Twin switched socket outlet |
|  | Cleaners grommet |
|  | Switched fused connection unit |
|  | Commando socket |
|  | Twin data outlet |
|  | HDMI outlet |
|  | Underfloor busbar and end feed |
|  | WiFi |
|  | Earth Bar |
|  | Communications cabinet 21U |
| FBS1 | 3 Compartment floor box c/w 1No. RCD DSSO, 2No. Cat 6a & HDMI linked to TV |
| FBS2 | 3 Compartment floor box c/w 2No. RCD DSSO, 3No. Cat 6a outlets |
| FBS3 | 3 Compartment floor box c/w 2No. RCD DSSO, 4No. Cat 6a outlets |
| FBS4 | 3 Compartment floor box c/w 1No. RCD DSSO, 2No. Cat 6a outlets. |
| HD | Denotes hand dryer supply |
| WH | Denotes water heater supply |
| FCU | Denotes FCU supply |
| BC | Denotes BC box supply |
| MVHR | Denotes MVHR supply |

- Supplied via DB/T1LP5A
- Supplied via DB/T1LP5B



Roof Void (Attic) Small Power Layout

1. This drawing shall be read in conjunction with all Engineering Services drawings for this contract.
2. All works indicated on this drawing shall be carried out in accordance with the relevant Engineering Services specification.
3. This drawing is indicative only and identifies the proposed small power and data requirements. The ESI shall be responsible for the final design, engineering, and coordination with architectural, structural and other services elements associated with the installation. All dimensions, routes and quantities are for guidance only shall be validated, finalised and co-ordinated by the ESI.
4. Final mounting heights of accessories to be agreed with the Architect.
5. Services throughout are to be exposed in places and as such careful attention shall be paid by the ESI to final appearance and quality of the final installation. In particular the methods of support adopted for each service shall enhance the appearance of the overall installation. Methods of fixing to the structure or building finishes shall be agreed with the Architect. Finishes shall be selected and agreed with the architect prior to installation.
6. The ESI shall coordinate the final location of all floor boxes & grooming and the furniture specialist, architect and raised floor installation.
7. The ESI shall confirm & coordinate final quantities, rating & location of all supplies to specialist equipment in conjunction with their requirements.
8. Final quantities of power supplies for Security & Fire Alarm equipment to be confirmed by the ESI following consultation with the respective specialist. Final power locations are indicative and subject to final Security/Fire alarm specialist design.
9. Services that require maintaining shall be kept within accessible areas.
10. All front of house FoH/visible outlets, including but not limited to, socket outlets, spurs, USB, isolator switches etc. shall be installed in a neat and professional manner and is to be included for within the ESI tender return. This includes all areas such as open plan offices, break out areas, circulation, and reception areas. All areas shall agree the final finish for all areas with the Architect prior to placing orders.
11. The ESI to ensure all installations and accessories are Part M compliant. Where required the ESI shall propose suitable cable tray, cabling options and cable management agreement (e.g. contrast with wall, bezel if required etc).
12. The ESI shall full coordinate all power supplies with the MSI to agree and confirm the final sizes and locations of all equipment. The ESI shall investigate the existing toilet extract supplies to confirm. However, it is intended that the existing and be replaced to serve the new.



Low Level Small Power Layout

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



Project
Royal London House
196 Deansgate, Manchester
5th Floor Refurbishment Works

Drawing Title
Electrical Services
5th Floor
Proposed Small Power Layout

Scale 1:100	Sheet Size A0	Designed BT	Checked SR
Project Status		Suitability	HM Project No.
TENDER			35660
Drawing No.			Rev
35660-HML-XX-05-GA-E-181001			P03