

The University of London submit this Request for listed building consent to carry out Audio Visual upgrade to teaching, conference and meetings room throughout Senate House which is a Grade II*. Listed built between 1933 and 1938.

Senate House underwent a major refurbishments between 2008 and 2012 during which time the majority of the existing Audio Visual equipment was installed, this equipment is now starting to fail, become unreliable and has become outdated with regards to todays technology.

The Proposal

Is to keep the configuration of the rooms as they are now and replace the exiting AV equipment with up-to date equipment and technology. The intention is to utilise where possible exiting containment routes, power and data outlets and floor boxes.

Some new containment surface fixed to walls kept to a minimum, for example to serve new microphone suspended from the ceiling. Any new surface fixed containment will decorated to match the wall, ceiling to blend into the surroundings, see sketch below.



New microphone suspended from ceiling and proposed new containment.

Typical arrangement to a teaching / meeting room, showing the additional new microphone suspended from the ceiling and cable containment fixed direct to the surface of the wall and ceiling.

Note rooms of special interest such as Senate Room, Chancellors Hall, Court Room, Beveridge Hall and MacMillan Hall will have bespoke designs and layouts, the same considerations to minimising intrusive works and consideration to the fixing containment and equipment to walls and ceilings will be undertaken to keep the rooms as original as possible.

Acoustics

In addition to the new AV equipment following an acoustic survey of the rooms it has been recommended that acoustic wall panels are installed. It has been recommended that panels are installed on at least two non-parallel walls to minimise the occurrence of flutter echoes to improve the overall sound quality within the rooms.

A suggested wall panel layout is shown in Figure 1, the panels shown in red.

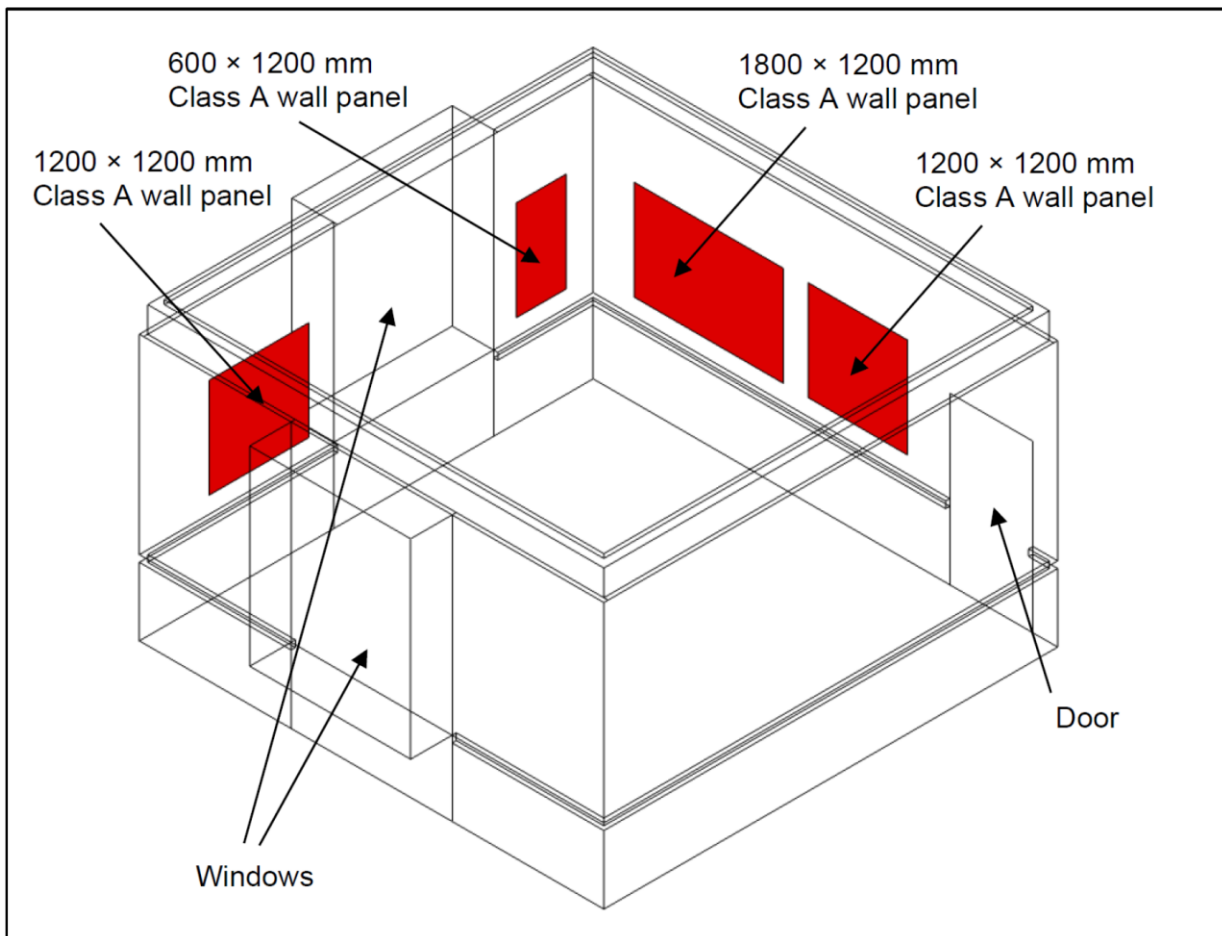


Figure 1 The two photographs below show existing rooms which have acoustic panels fitted any new acoustic panels will be of similar size and colour fitted to walls as to be symmetrical within the room where possible.



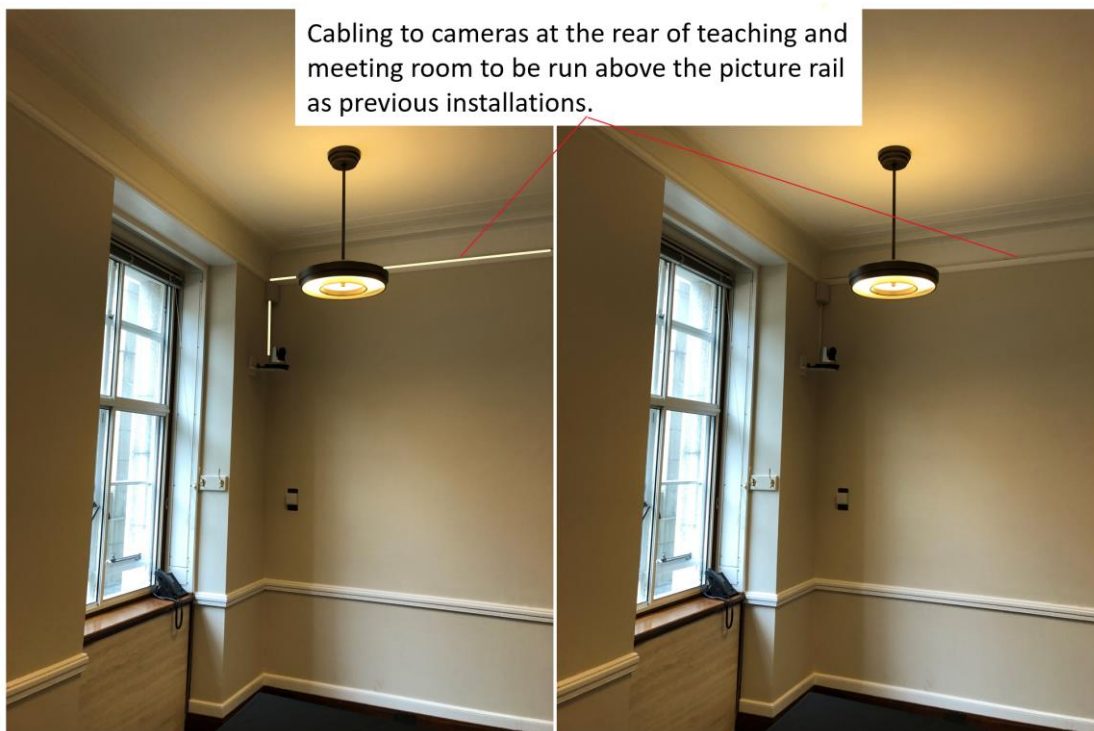
Photograph 1 – Existing acoustic panels



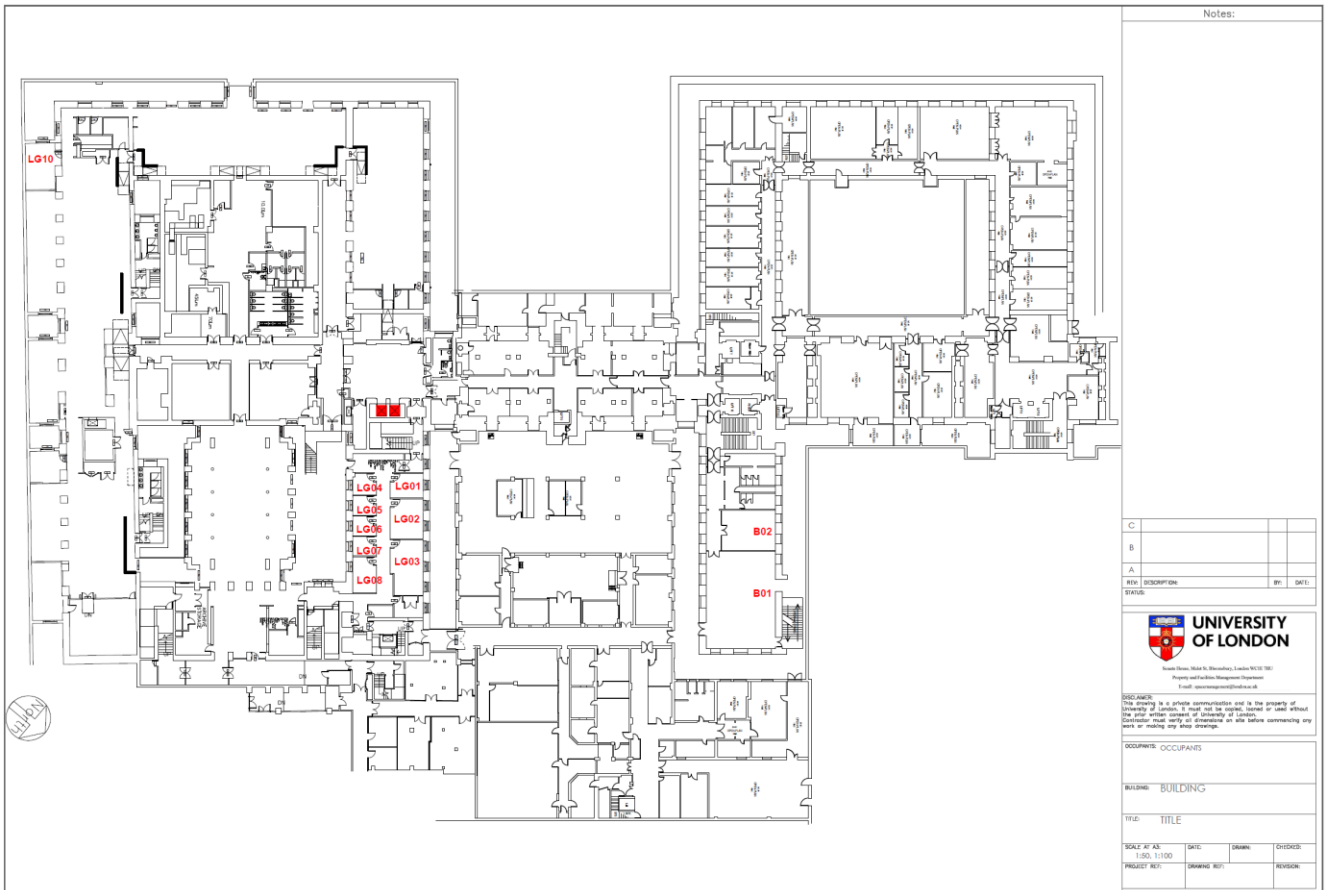
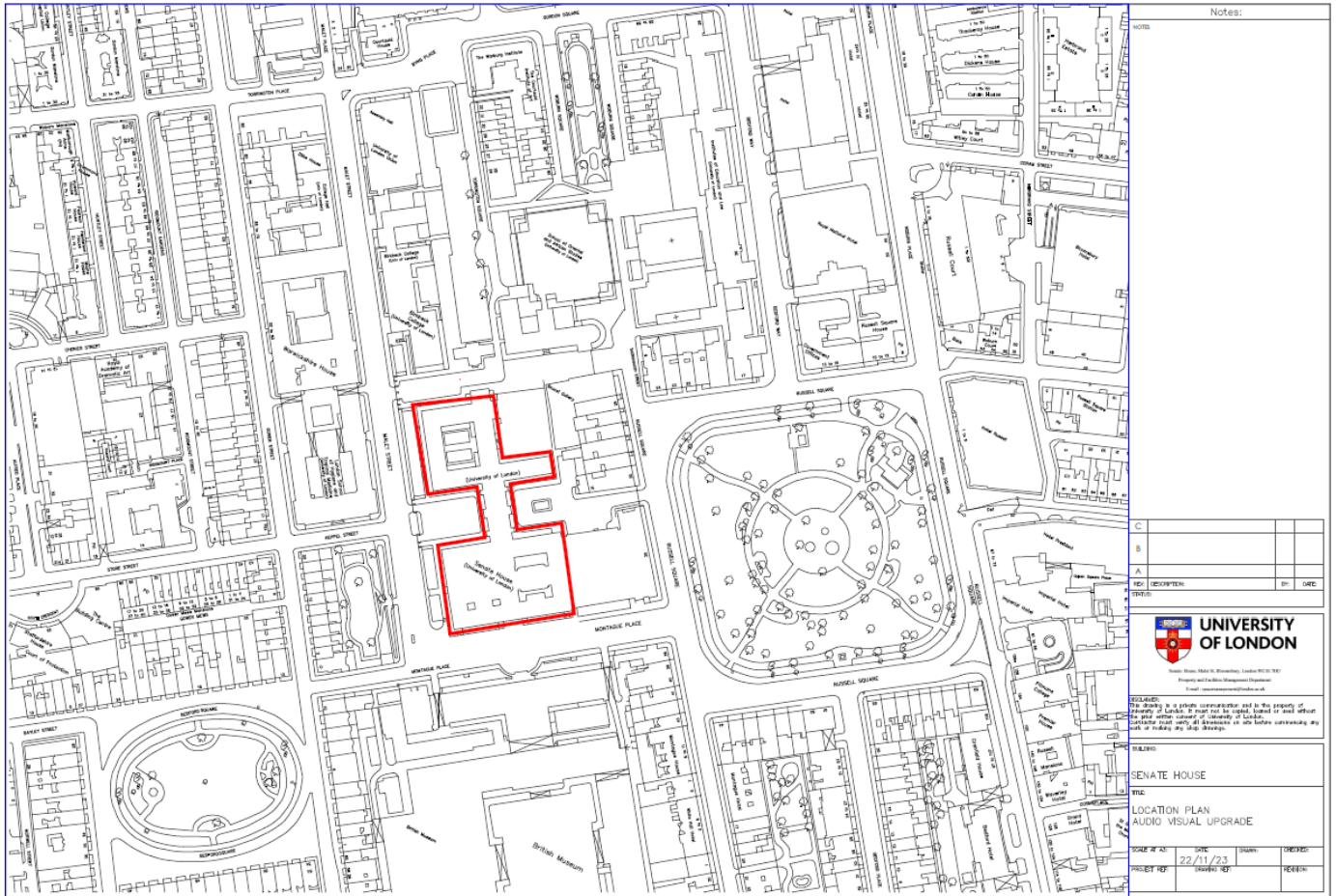
Photograph 2 – Existing acoustic panels fixed to external wall between windows.

Cameras

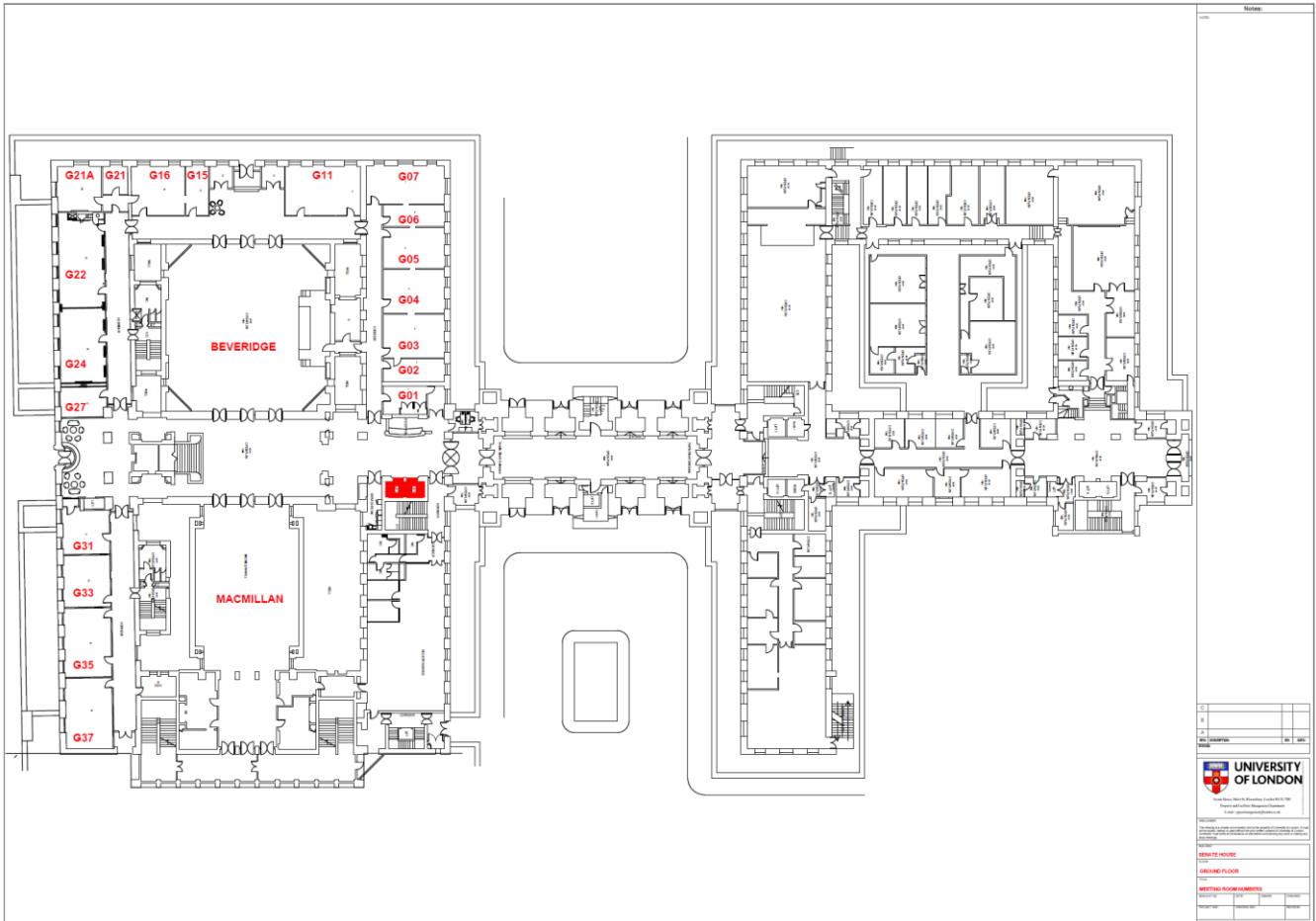
The location of cameras will generally be located at the presentation end (front) of the room and at the rear end of the room, which will be mounted at 1800mm to 2000mm from floor level. Cabling to the rear of room cameras will follow the existing cable route, fixed above and tight to the exiting picture rail and run in a white sheath, as seen in the photographs below.



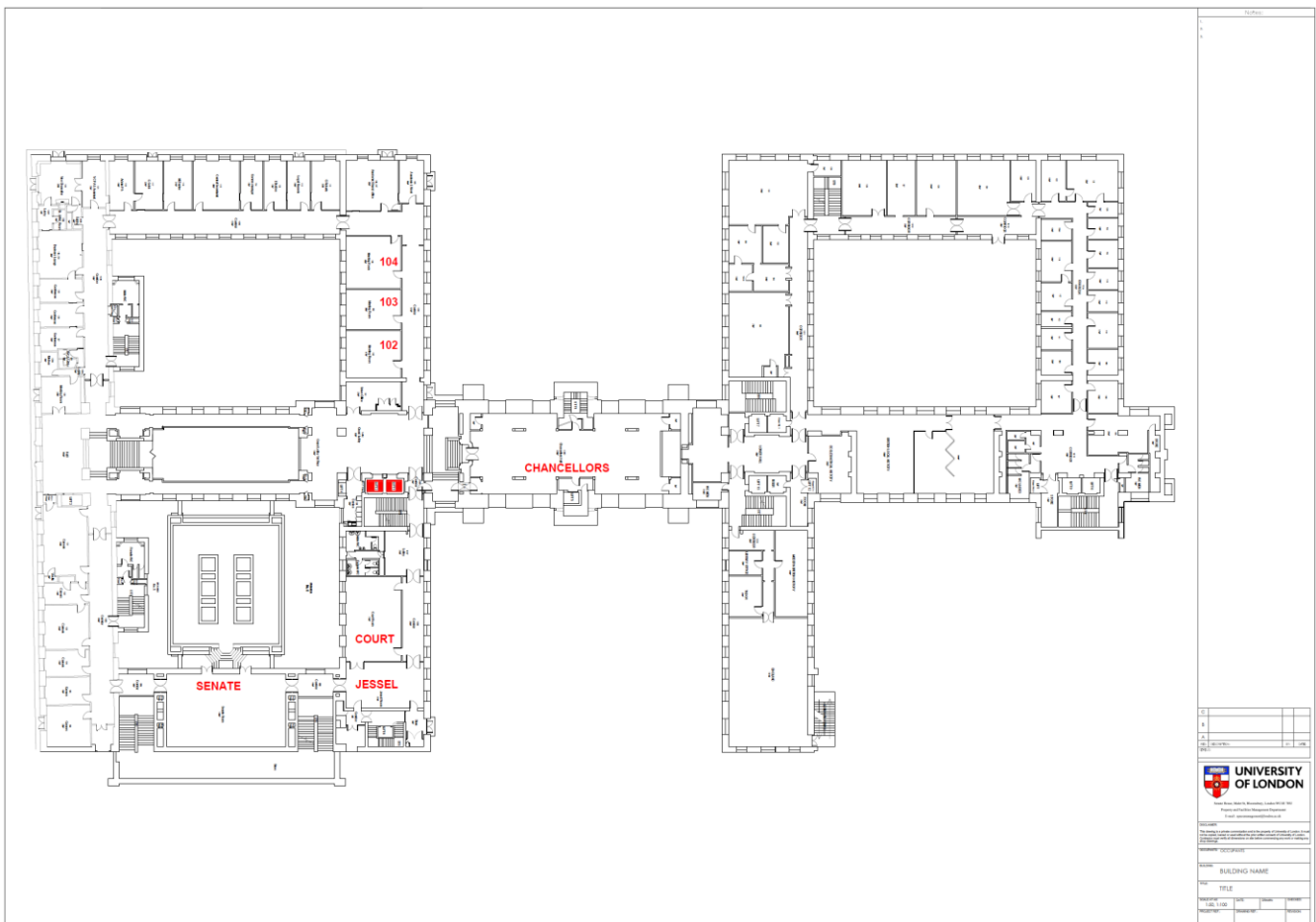
Location Plan



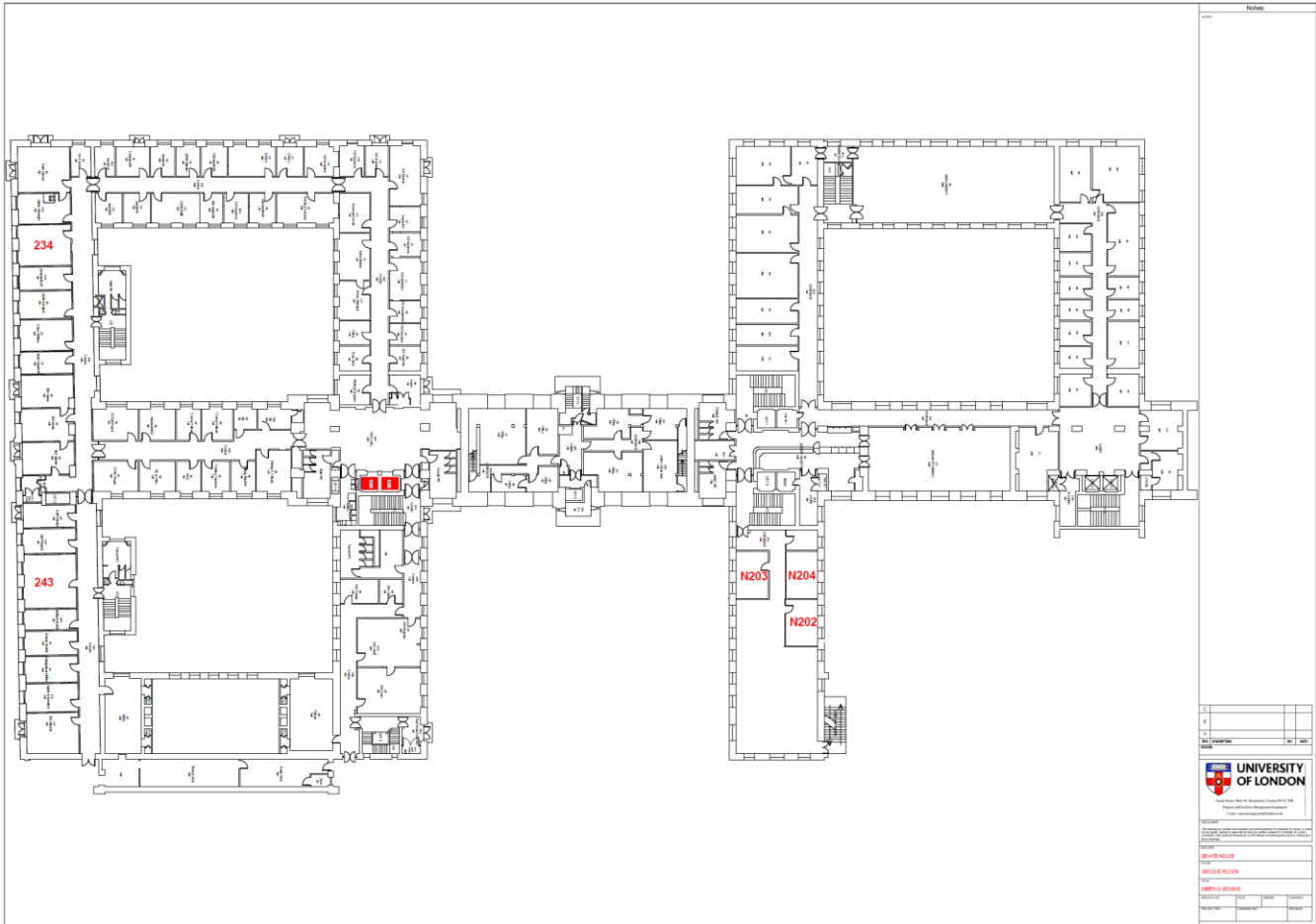
Lower Ground Floor Meeting Rooms



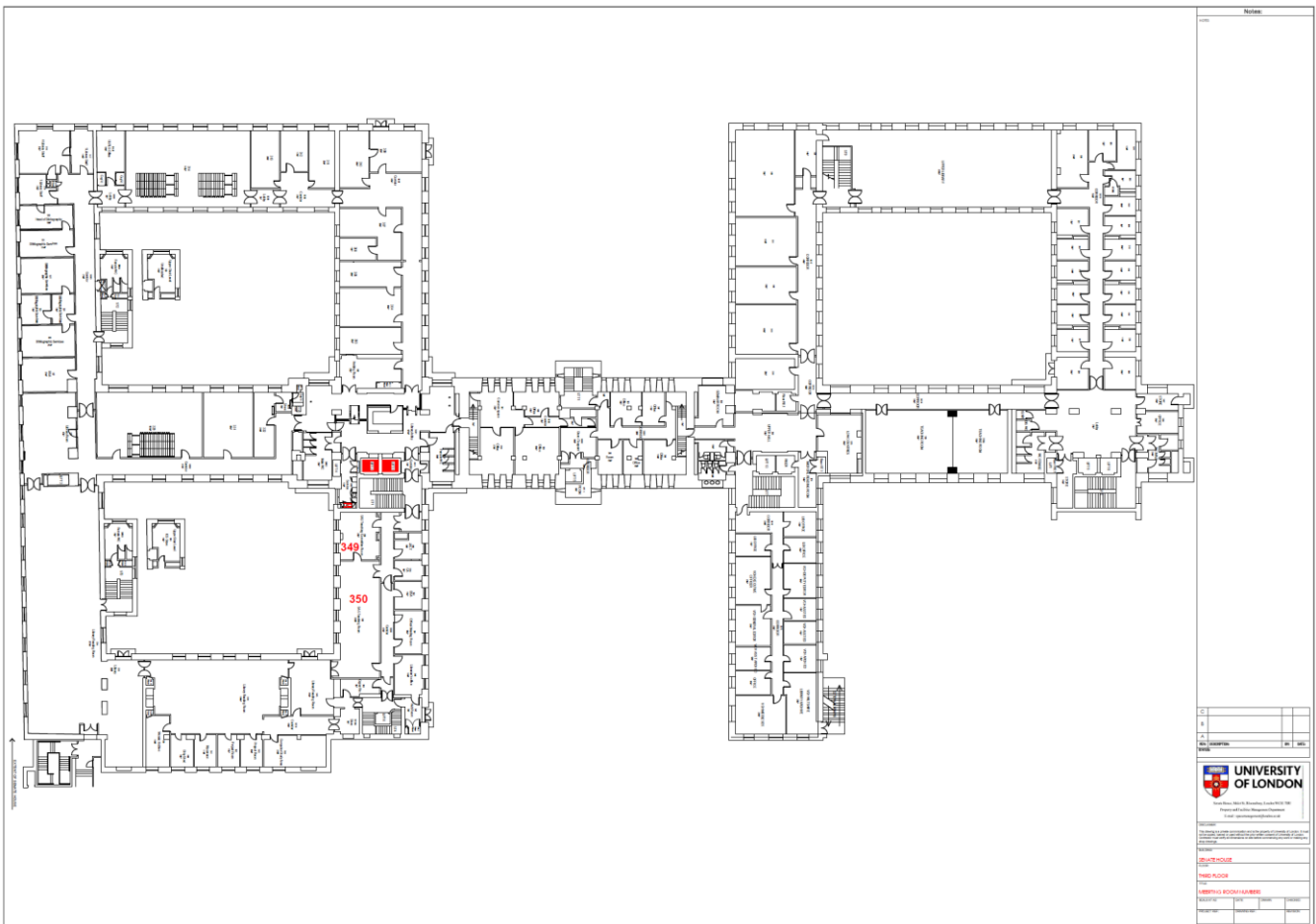
Ground Floor Meeting Rooms



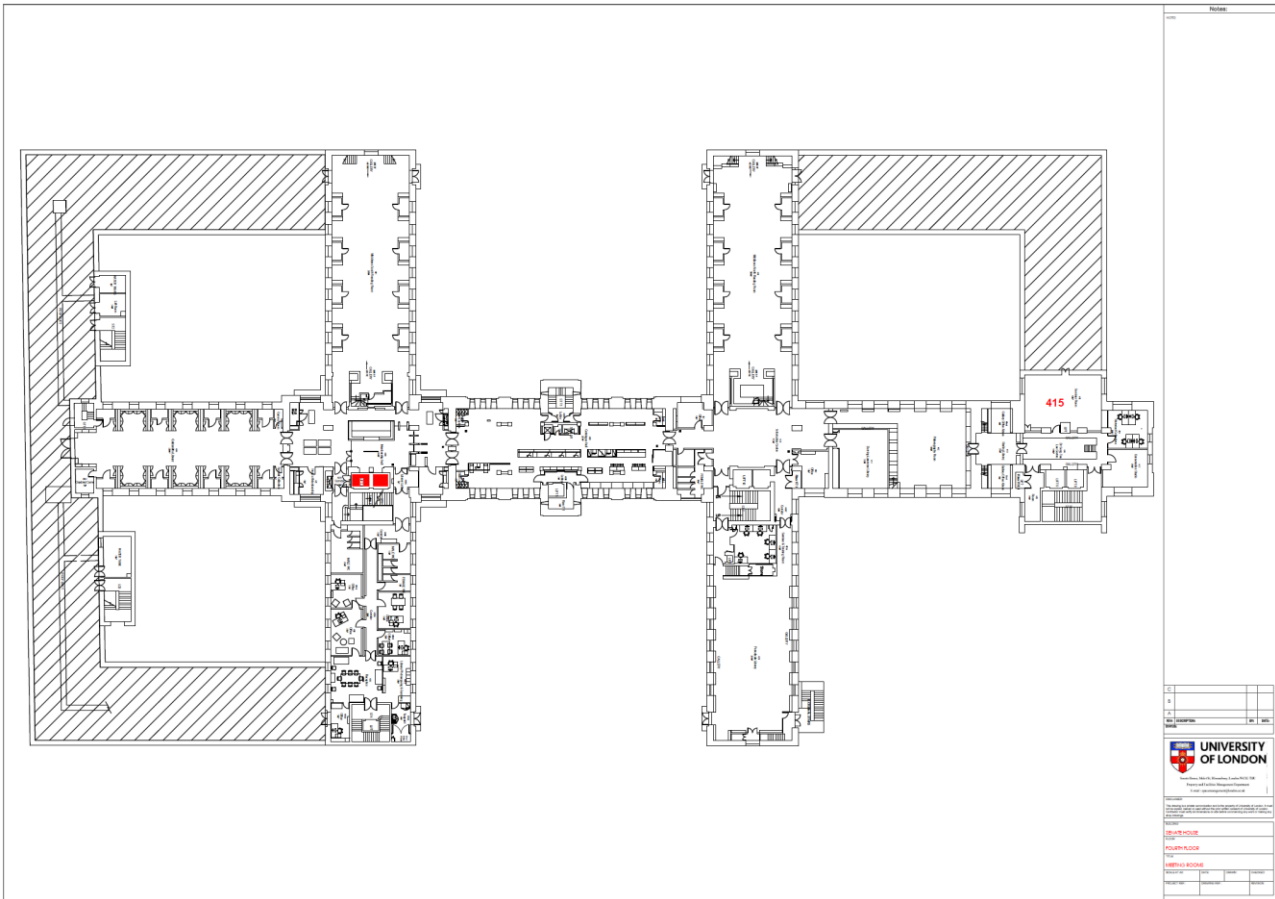
First Floor Meeting Rooms



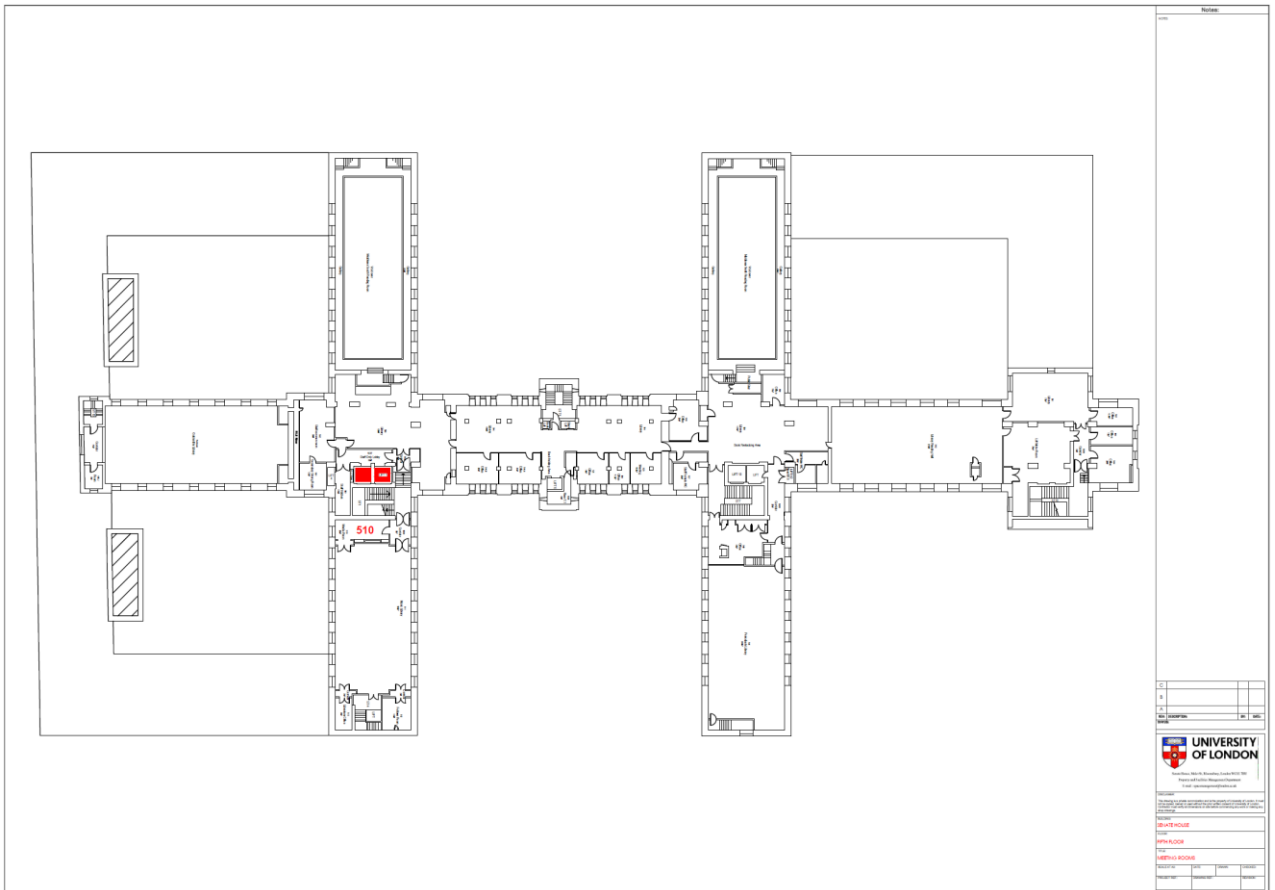
Second Floor Meeting Rooms



Third Floor Meeting Rooms



Fourth Floor Meeting Rooms



Fifth Floor Meeting Room

Team Connect – Ceiling 2 Microphone.

Setting out requirements and proposed mounting method of suspended ceiling mounted microphone typical teaching and conference spaces.



Room examples

Square tables (2 x 1 m)

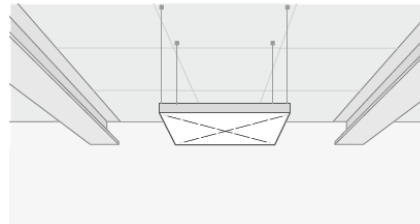
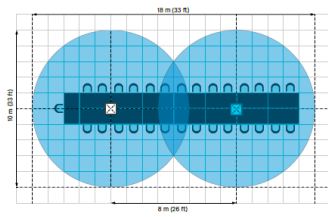
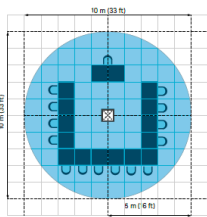


Fig. 8: Variant 3 – suspended from the ceiling