

**Design and Access Statement**  
**Malet Place Engineering Building (MPEB)**  
EEE Teaching Project  
Planning Submission - Camden Council - May 2019

The submission relates to the installation of a new rooftop ventilation system to the MPEB, located off Malet Place on the UCL Bloomsbury Campus. Refer to *Figure 1* below.

The building was completed in 2005.

Located in the Bloomsbury Conservation Zone the MPEB is close to the Grade 1 Listed Church of Christ the King, Bloomsbury to the east and located off Byng Place. The building is visible from Gordon Square in the distance. Refer to *Figure 2* below.

The 6<sup>th</sup> floor of MPEB currently houses a mix of engineering research and teaching space. The new teaching laboratory will provide essential practical based teaching and support space for UCL's engineering students.

The refurbished space will allow an increased capacity of engineering student numbers.

In order to create a suitable environment for the number of students to occupy the space, a mechanical ventilation system is required, which cannot be achieved with the existing services infrastructure or natural ventilation.



1. Rooftop view of existing MPBE Building



2. View from Gordon Square towards MPBE

A new single condenser unit and single heat recovery unit will be located on the mid-section of the south part of the roof adjacent to the existing roof top screen. Refer to the submission drawing *PL04 Proposed Roof Plan* for AHU dimensions and *Figure 3* for below proposed AHU location.



3. View of location for new services equipment in front of the existing louvred rooftop screen

As shown in the aerial photograph in *Figure 2* above there is a large amount of existing ductwork located on the unscreened section of the building roof. This will provide a screen to the new services equipment from the north. The south facade is screened by the taller adjacent Engineering Building off Torrington Place.

The EEE's dedicated plant requires new external ductwork from the 6<sup>th</sup> floor teaching suite to the roof located on the south facade as per the submission drawings.

The new external ductwork and support structure will have sinusoidal profiled metal rainscreen sheet to conceal the new external ductwork. The specification for this external rainscreen is to match the existing cladding in both profile and colour to blend in with the building façade context.

The impact of the proposals from the church have been assessed and the proposed rooftop equipment will not be visible from the church at street level at Byng Place. Refer *Figure 4* below.

*Figure 5* below is a view from Torrington Square with MPEB roof screened by an existing building.



4. View from Byng Place towards MPBE in the centre background of the photograph. The object projecting above the MPBE roof is the BT Tower on Cleveland Street in the distance.



5. View from Torrington Square with the 4 storey building concealing the MPBE Building behind

The planning proposal does not impact on building access and is located off an existing rooftop maintenance walkway.