
Kathleen Lonsdale Building, UCL

Design and Access Statement

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Levitt Bernstein

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- Design Proposals
- Access Proposals
- List of Drawings

In addition to this Design and Access Statement, the following drawings have been submitted as part of this planning application:

3008_L_202_P1 Elevations as Existing
3008_L_219_P1 Elevations as Existing
3008_L_220_P3 Elevations as Proposed
3008_L_221_P4 Elevations as Proposed
3008_L_222_P4 Elevations as Proposed
3008_L_223_P1 Sections as Proposed
3008_L_224_P4 3D sketch perspective
3008_L_740_P3 GA Plan as Existing
3008_L_740_P3 GA Plan as Proposed



Kathleen Lonsdale Building, Gower Place from west

Introduction

This Design and Access statement supports a planning and listed building application for a minor extension to the rear of the Grade II listed Kathleen Lonsdale Building (KLB).

This is required following a detailed design review of the wider refurbishment which was granted planning and listed building consent in January 2015.

The proposed amendment is a new single storey extension at basement level at the rear of the building at the west end.

This report will outline information on the existing building's consents and the design proposals and access proposals.





KLB - Consents

Planning and listed building consent was granted for the refurbishment of the KLB in January 2015 (Refs 2014/7310/L 2014/7223/P). These consents related to works to both the interior and exterior of the building.

Part of this consent covers works to the basement level of the west end where a new GMP (Good Manufacturing Practice) suite is proposed. It is this area, at the rear of the building onto Gower Court, where a new extension at an existing entrance doorway is proposed. The existing consent at the KLB allows for a new canopy at this existing doorway.

It is also worth noting that the heritage report produced by Alan Baxter Associates, submitted for information as part of the existing consent, states 'the rear façade was not meant to be seen by the public, is of plain brick and has been much altered; it is of low significance'.

The rationale for the need of this extension and its design is outlined on the following pages.

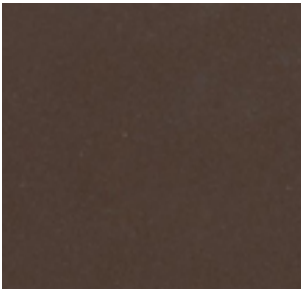
Bronze Coloured Copper Cladding



TECU Oxid metal cladding to Lewis's Building extension



TECU Oxid metal cladding to adjoining stair case



TECU Oxid

GMP Extension

As part of the wider KLB project, a new chemistry laboratory is proposed to be located in the west end of the basement: - the GMP. The modifications to create this lab space within the existing building have already been included within the earlier consents. However a recent design development led by an operational authority has meant that a new extension to the existing external doorway should be provided to form a new lobby space. With reference to drawing 3008-L-221, consent is only being sought for the extension highlighted by the red box

KLB - Design Proposals

There are a number of design considerations which have informed the proposals - these include:

- The requirement to have a lightweight construction to avoid new foundations clashing with existing below ground services and inspection chambers. This will also mean that the extension will be reversible without significant impact on the existing building fabric.
- To ensure the new extension avoids adjoining the brickwork soldier course over the existing doorway
- To utilise the existing palette of materials within Gower Court.
- Spatial requirements defined by statutory requirements/DDA/operational requirements.
- To provide a protective rail at the base of the copper cladding.
- The existing door (not original to the building) will be replaced with a new door and demountable partition.
- No demolition is required to the existing building fabric in relation to the extension, other than the removal on the existing door.

We propose that the new extension is clad in a bronze coloured copper (TECU Oxid) which is the same as is used on the recent extension to the Lewis's Building (2010/0485/L & 2010/0478/P) which itself referred the Hansman Room which links the KLB to the Wilkins building. Please refer to the images opposite for proposed cladding.

As a result, the new extension will be part of a wider, coherent hierarchy with existing stock brickwork and newer bronze coloured copper elements.

It will be necessary for a number of gas cylinders to be stored in close proximity to the lab space, so a bespoke gas storage enclosure is proposed adjacent to the extension, formed in the same bronze coloured copper for a consolidated approach in context with the extension.

Access Proposals

Access to this part of the building will be unchanged with Part M access from Gower Court into the new extension and then into the building via the existing external doorway (which will become internal).

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