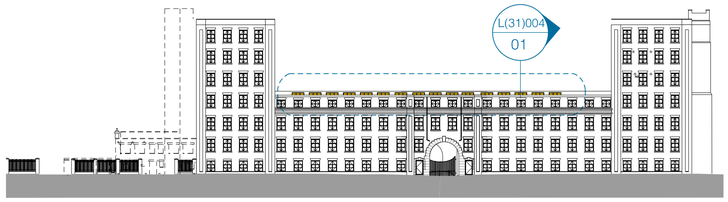
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DO NOT SCALE
Work to annotated dimensions only. Read drawing in conjunction with relevant specification, Structural Engineers' and Services Engineers' drawings. Confirm all dimensions before commencement of any work on site or fabrication.



11

12

L(31)004
01

OUTSIDE

(Living Room / or Bedroom)

ROOFLIGHT TO BE CENTRED ABOUT EXISTING WINDOW

Roofing Insulation to meet minium U Value requirements. Roofing contractor to confirm depth of insulation dimension to suit roofing proposal and U Value.

Liquid applied warm roof weathering system to specialist detail

Insulated weathered upstand

682MM PANEL WIDTH (PANE 1 – FIXED)

682MM PANEL WIDTH (PANE 2 – OPENING)

682MM PANEL WIDTH (PANE 3 – FIXED)

4

4

3 no. panels to rooflight. Central opening light to each rooflight

Velux Rooflight system OEA. AT74 Commercial System OEA. See notes for U Values.
Site measurements of existing windows by 'Big Red' = 2020mm x 1160mm (06.11.23)

91

15

158

2068mm between edge steel members

2050mm between metal roof purlins

2020mm between boards

VARIES TO SUIT

Purlin spec and spacing subject to confirmation by structural engineer

Additional VCL required at ceiling level to mitigate condensation risk – subject to specialist roofing subcontractor calculations

Mineralwool insulation subject to specilaist requirements

Cement board, Versapanel OEA

K10 12.5mm Plasterboard

Rooflight supplier to advise details of opening automation as required. Conduit to be coordinated with M&E consultant

Existing Structural Beams on structural grids

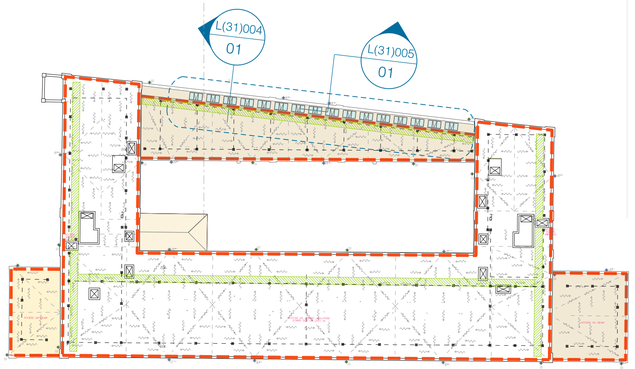
Existing Structural Beam slope to external wall. Beams to be without cladding or lining – subject to review on site.

Type 8 Window (shown in elevation within external wall). Refer to Elevations L(21)430, L(21)431, Window Type drawing L(31)001 and Window supplier information

L(31)004
01

03 Elevation Key

1: 500 - Refer to L(21)430 and L(21)431 for GA Elevation drawings to Bradford Road



02 Roof Plan Key

1:500 - Refer to L(20)207 for GA roof plan

01 Section - Typical short section through rooflght to level 03

Notes:

ROOFLIGHTS:

- Drawing issued for design intent for Specialist Contractor input

- Drawing to be read in conjunction with the Acoustic and Fire Consultants reports

- Rooflight System U-value specified as 1.4W/m2.K, and g-value specified as 0.49 by client / M&E, or otherwise confirmed by M&E engineer SAP calculations at stage 4

- Roof U Value to 0.12 W/m2K or otherwise confirmed by M&E engineer SAP calculations at stage 4

- Refer to specialist Roofing specification
All dimensions to roofing subject to confirmation by roofing subcontractor to meet U Value requirements, or as otherwsie accepted by the M&E Engineer to meet the overall thermal efficient calculations of the building.

- Window frame and colour subject to Local and Planning Authorities approval

- FFL slopes across levels. FFL's varies.

- Structural Engineer to advise on extent of making good to existing structural openings

- All windows to adhere to requirements within Acoustic report

- Rooflight supplier to advise on weight / size / operation and dim to structural opening dim to suit clear openings.

- For External Door schedule refer to S(31)001 Brunswick Mill External Door Schedule

- Please refer to Secured by Design Award Checklist 2007/0457/SBD/01 for external door and window ironmongery, security and glazing requirements

PRECEDENT STUDY FOR PLANNING AUTHORITY AND CONSERVATION REFERENCE
Velux Glazed Panels (formerly Vitral) installed in the Old Quad Building Manchester University

C1 04.08.25 PRELIMINARY CONSTRUCTION ISSUE

Drawing issued on the basis of stage 3 M&E design only. Detail design, spatial layouts and set out dimensions, including structural implications related to M&E are subject to stage 4 M&E design development. Design information subject to specialist design input where applicable and site measurement checks.

revisions + notes:

client: ARROWSMITH BRUNSWICK SQUARE LTD.

date: JUNE 2025

project: BRUNSWICK MILL DEVELOPMENT PHASE 1

scale: 1:5 @ A3

drawn by:

title: Typical Rooflight – level 03_Sheet 2

drawing number: L(31)005

status: STAGE 5 – CONSTRUCTION

job number: 0586

revision: C1

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