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L(31)004
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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.

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/m²K, 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 otherwise 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

FINAL PRODUCT SUBJECT TO PLANNING APPROVAL
CONDITION DISCHARGE IN ACCORDANCE WITH
CONDITION 11.Rooflights sized to match the existing sizes following
direction from the PLanning Authority and Conservation
Officer

OUTSIDE

(Living Room / or Bedroom)

HT TO BE CENTRED ABOUT EXISTING WINDOW

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03 Elevation Key

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

Additional VCL to mitigate
condensation risk subject to
roofing subcontractor
condensation calculationsRoofing Insulation to meet minimum U
Value requirements. Roofing contractor to
confirm depth of insulation dimension to suit
roofing proposal and U Value.Warm roof weathering system to
B Roof compliance to meet U Values -
all to specialist detail60mins FR fire stop over head
of party wall - full length of wall

Insulated weathered upstand

682MM PANEL WIDTH (PANE 1 - FIXED)

682MM PANEL WIDTH (PANE 2 - OPENING)

682MM PANEL WIDTH (PANE 3 - FIXED)

2068mm between edge steel members

2050mm between metal roof purlins

Purlin design to be commented upon by
drying supplier to ensure sufficient fixing
and positioning. Positions subject to existing
steelwork dimensions - check on siteExisting structural beam UB305x127x37. All
metalwork to be coated with intumescent
paint - to subcontractors recommendationsIntumescent and acoustic sealant
strictly to supplier recommendation
Cross bracing channels by Knauf OEA.
Centres and sizes to Knauf recommendationKNAUF HWC TO CONFIRM Z
BAR PROFILE AND FIXINGacoustic and intumescent seal between
boards and steel column where applicable.
Column to be intumescently paintedRooflight supplier to advise details
of opening automation as
required. Conduit to be
coordinated with M&E consultantType 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 informationPurlin spec and spacing subject to
confirmation by structural engineerCement board, Versapanel OEA
Additional VCL required at ceiling level to
mitigate condensation risk - subject to
specialist roofing subcontractor calculations

K10 12.5mm Plasterboard

ALL BOXING IN TO STEELWORK TO
BRE / AMPYRO APPROVALCLIENT TO CONFIRM IF SOFFIT OF
METAL DECK IS TO BE LINEDWALL TYPE P3
12.5 mm Knauf Wallboard to
each side, and single Knauf 70 'C'
studsKnauf 'C' channels. Fixing
channels to Knauf
recommendation25mm Knauf Insulation
Rocksilk 45 OEA2 X 15mm Knauf
Soundshield PlusIntumescent and
acoustic sealant strictly
to supplier detail2 x 19mm Knauf
coreboard fillets OEAIntumescent and acoustic sealant
strictly to supplier detailKnauf OEA head track and
deflection head detail25mm Knauf Insulation Acoustic
Roll OEA2 X 15mm Knauf Soundshield
Plus plasterboard

WALL TYPE P2

2 X 15mm Knauf Soundshield
Plus plasterboard to each side. 2
x 25mm Knauf Insulation Acoustic
Roll and twin (double) Knauf 70 'C'
Studs separated by a cavity for
existing columns370mm
(may vary to suit structure)

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APARTMENT (a)

APARTMENT (b)

P2

P2

dash line indicates
column within wall where
applicable

Knauf 70 'C' studs OEA

Knauf flat fixing
plate OEA, screw
fixed to Knauf
recommendations

Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

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Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

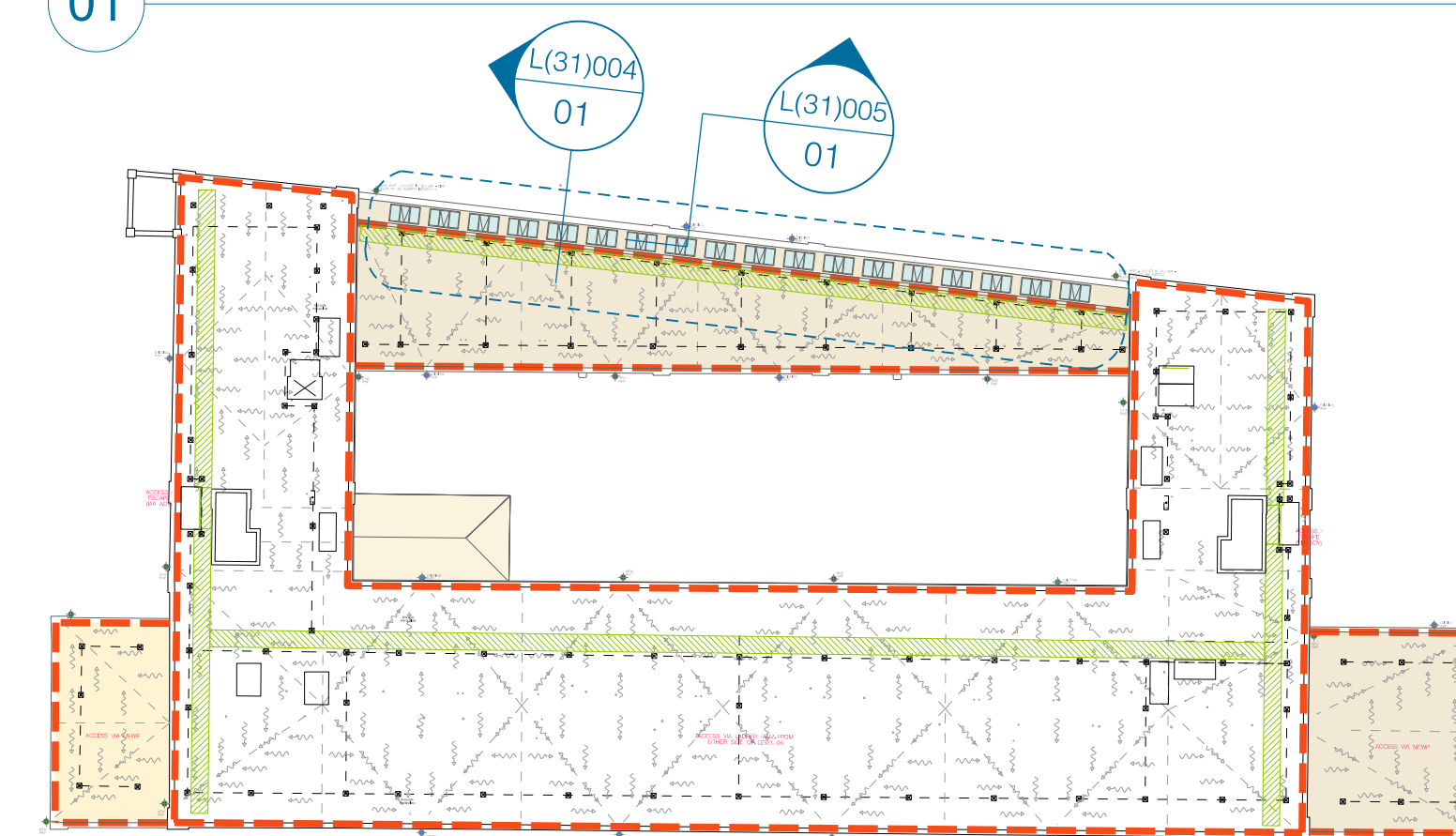
Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

Knauf 70 'C' studs OEA

01 Section - Typical short section through rooflight to level 03



02 Roof Plan Key

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

C3 25.11.25 UPDATE TO SOFFIT TO ACCOUNT FOR LOW EXISTING EAVES.
ROOFLIGHT DETAIL /GUTTER AMENDED RWP AT ENDS SHOWN
C2 07.11.25 ANNOTATION RE ADB ADDED STRUCTURE TO HWC LATEST
INFO 2 NO ROOFLIGHTS ADDED AS PER CLIENT REQUEST
C1 04.08.25 PRELIMINARY CONSTRUCTION ISSUE

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: C3

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