

GRIDLINE 26

L(27)104
04

NB Detail and extent of upstand subject to final confirmation of U value tapered scheme from roofing supplier and supplier of vent. Roofing subcontractor to confirm

Structural Engineer to assess localised concrete reinforcement pads for mansafe fixings
NOTE WEIGHTED COLLAPSIBLE BARRIER AND LOCALISED MANSAFE AT HEAD OF AOV TO BE CONSIDERED BY CLIENT / SUPPLIER IF SUBSTRUCTURE IS UNSUITABLE FOR ANCHOR FIXING

LEVEL 07 (ROOF)

NB AMPyro to confirm fire protection requirements of top of exposed structure. Site check condition

Metal profile conc deck and edge upstand to SE detail

Dashed line indicates line of existing jackarch (to be trimmed out for riser aperture - to SE detail)

Rockwool trapezoidal fire stop system to full width of partition + cloaking boards to achieve 2hr FR. Installed to each exposed void above cloaking boards

Glasroc F Firecase board fixed at 150mm centre (min 50mm overlap on soffit) OEA across metal profile deck and metal angle to BRE desktop study and approval

vertical line of boards to extend along full length of corridor

Concrete encased beam
Refer to HWC structural Engineers information. See HWC dwg 23178-HW-23-XX-DR-S-1800 for typical void detail

Dashed line indicates cast iron structure and tie rod detailing (further along section of wall). All metalwork to be coated with intumescent paint - to subcontractors recommendations

Framed and boarded system around existing beam and column head detailing (and tie rods if installed under beam). Refer to dwg L(22)113 for typical boxing in and wall head detail

Fire batt surround to specialist requirements to suit M&E specification. NOTE Consolux to review sizing due to site constraints

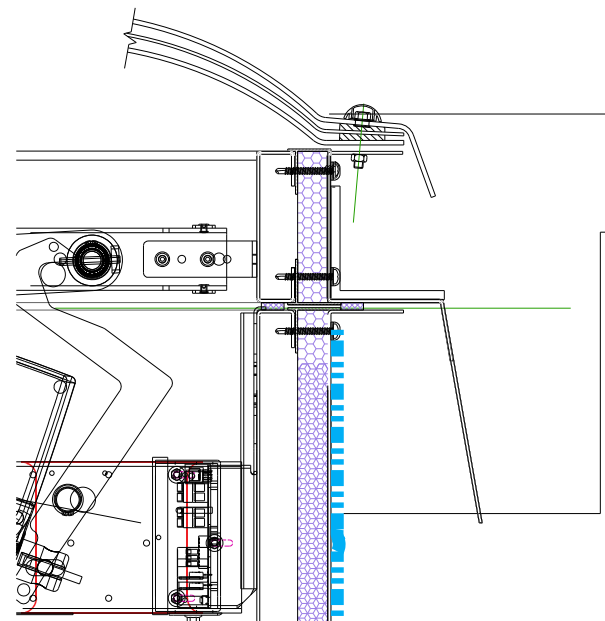
WALL TYPE P2
2 X 15mm Knauf Soundshield
Plus plasterboard to each side, 2 x 25mm Knauf Insulation Acoustic Roll and twin (double) Knauf 70 °C Studs separated by a cavity for existing columns

APARTMENT
(BATHROOM)

P2

CORRIDOR

01 Section



Solid Lid (ISL) X-AOV Automatic Opening Vent - NSHEV, Comfort Ventilation and Roof Access hatch - with insulated upstand by Velux Commercial OEA.

Waterproofing membrane by AOV subcontractor. Waterproofing dressed and sealed over roofing membrane. AOV supplier to ensure compatible membrane

Warm roof membrane. Insulation to meet U Value of 0.12 W/m2K. Roof to meet BR00T4 compliance. Mansafe system to specialist supplier detail

Roofing subcontractor to dress roofing waterproof membrane up and over upstand.

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LEVEL 07 (ROOF)

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void former - Roofing subcontractor to advise of BR00T4 compliance and sufficient compression requirements

Dashed line indicates line of existing jackarch (to be trimmed out for riser aperture - to SE detail)

Concrete encased beam
Refer to HWC structural Engineers information. See HWC dwg 23178-HW-23-XX-DR-S-1800 for typical void detail and HWC dwg 1706 (ref section R)

Typical head of smoke shaft. B2
Wall type.
Blockwork restraint to SE detail. Intumescent seal at junction with concrete to suppliers recommendation

Dashed line indicates cast iron structure and tie rod detailing (further along section of wall). All metalwork to be coated with intumescent paint - to subcontractors recommendations. Where new structural members and bespoke column detailing are proposed by HWC to account for defective existing beams, these are to be intumescently painted.

GRIDLINE 27

P6 (to align with adjoining P2)

SMOKE SHAFT

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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.

ROOF

Information for design Intent. Refer to Roofing Specialist subcontractor information

Falls to be designed to a minimum 1:60 to achieve a minimum 1:80 on site across all roof levels where applicable

Tapered insulation design to be coordinated with aforementioned upstands, RWO locations, penetrations and overruns.

Refer to NBS specification with regards J31 and J41 roof weathering system build ups - similar approved. Location of applications denoted on each plan.

Refer to HOD (27) series drawings for typical roof build up details. Refer to (31) series drawings for rooflight / roof drawings. Refer to L(20)207 AND L(20)1071 - 1073. FOR AOV SCHEDULE REFER TO S(31)002

C5 19.11.25 ANNOUATION REF TO SE INFORMATION
C4 20.10.25 UPDATE TO SE COMMENTS /REVISED SETTING OUT TO ALLOW MORE SPACE FOR SERVICES PASSING IN CORRIDOR
C3 07.10.25 UPDATE TO SE COMMENTS
C2 30.09.25 CONC UPSTAND EXTENDED ABOVE ROOFING.
C1 18.09.25 ISSUE FOR COORDINATION
ISSUE FOR COORDINATION

revisions + notes:

client: ARROWSMITH BRUNSWICK SQUARE LTD. date: FEB 2025

project: BRUNSWICK MILL DEVELOPMENT PHASE 1 scale: 1:5 @ A1 drawn by:

title: Roof AOV Typical Detail drawing number: L(27)102

status: STAGE 4 - FOR INFORMATION job number: 0586 revision: C5

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