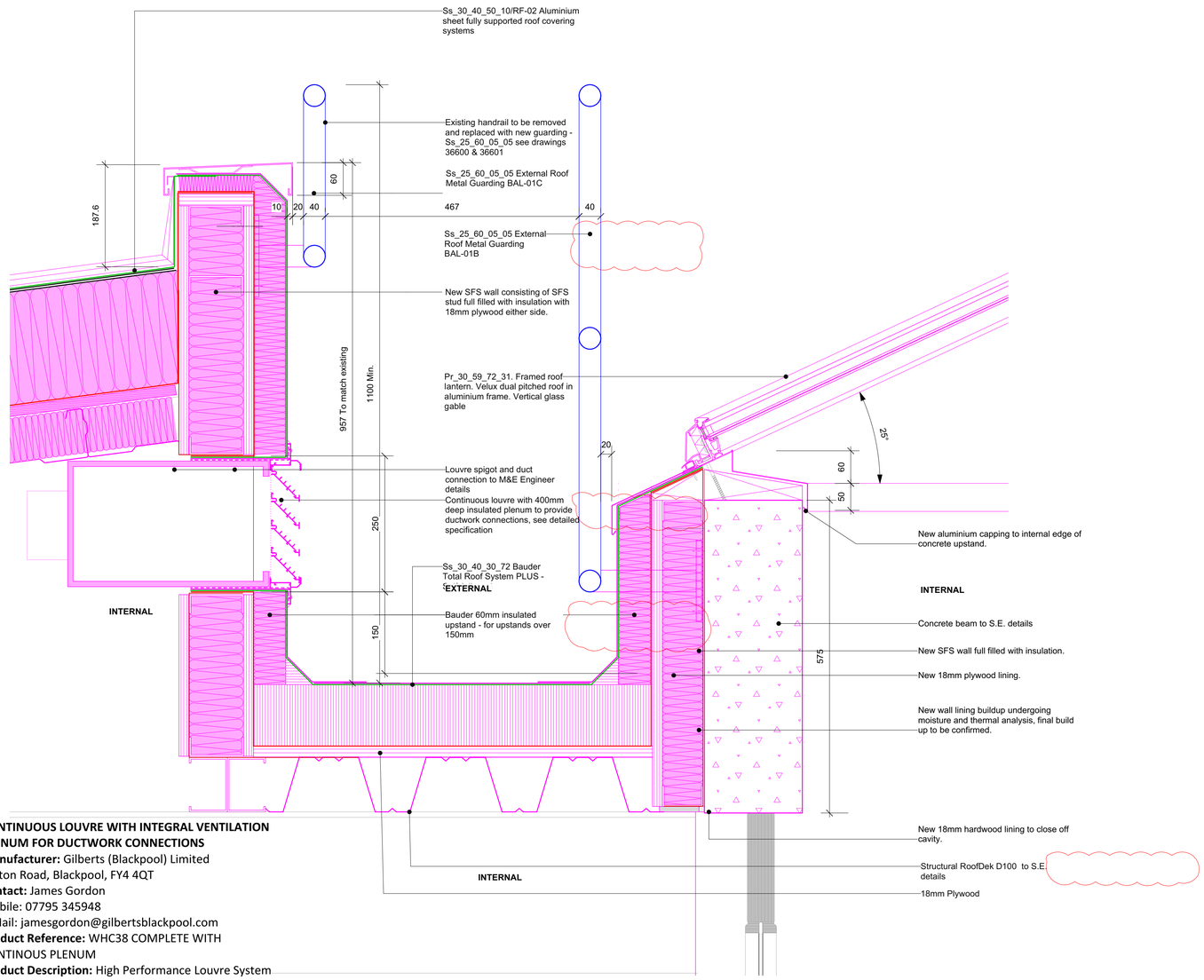
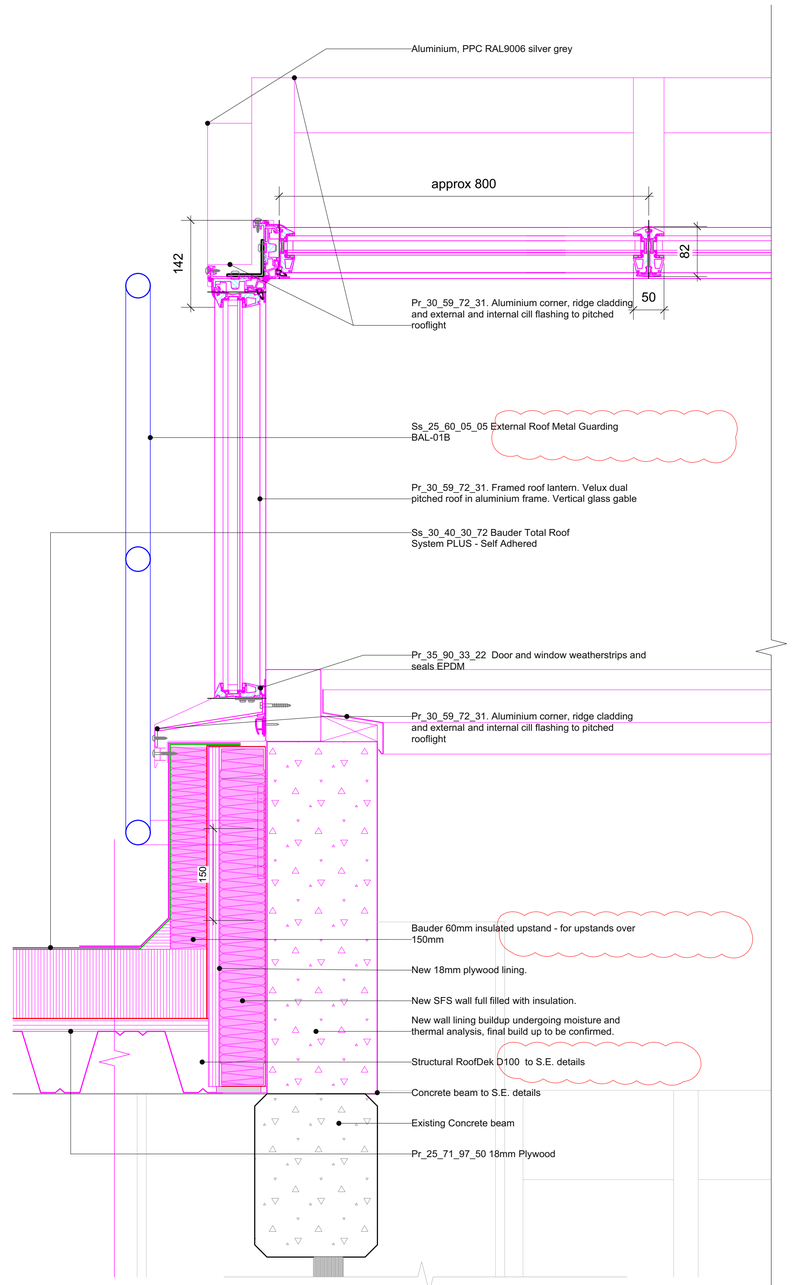


1 Roof Ridge Section at Lantern Section Detail - Proposed
Scale: 1:5



2 Lantern Ridge / Verge Section Detail - Proposed
Scale: 1:5

CONTINUOUS LOUVRE WITH INTEGRAL VENTILATION PLENUM FOR DUCTWORK CONNECTIONS
Manufacturer: Gilberts (Blackpool) Limited
Clifton Road, Blackpool, FY4 4QT
Contact: James Gordon
Mobile: 07795 345948
E Mail: jamesgordon@gilbertsblackpool.com
Product Reference: WHC38 COMPLETE WITH CONTINOUS PLENUM
Product Description: High Performance Louvre System
Product Scope: Scope as per the Architects' details
Louvre Blade Pitch: 38mm
Blade Angle: 45 degrees
Overall Depth of System: PLENUM DEPTH 400mm
Measured Free Area: 50%
Weathering: Class A up to 1m/s velocity
Velocity/Pressure drop: 1m/s @ 12Pa
Material Blades/Clips/Mullions): 16SWG Extruded Aluminium to BS1474
Finish: 40micron PPC from standard range of colours.
Fixings: Stainless Steel
Bird Mesh: Material Black HDPE UV stabilised and rot resistant bird mesh.
Plenum Box: 1mm thick Galvanised Steel insulated plenum box, sealed to back of Louvre for mechanical ductwork connections
Installation: Supplied to Specialist Cladding Contractor

© Copyright
Ayre Chamberlain Gaunt

2A 3A 3B

0 100 200 mm

A1

NOTES:

All dimensions to be checked on site.
Drawing to be read with all relevant Architectural, Interiors, Structural, M&E, Drainage/Public Health, Landscape, Civils and Interiors drawings and specifications. Any discrepancies between consultant's drawings to be reported to the Architect before any work commences.
The Contractor's attention is drawn to the Health & Safety matters identified in the Health & Safety plan as being potentially hazardous.
These items should not be considered as a full and final list.
The Work Package Contractor's normal Health & Safety obligations still apply when undertaking constructional operations both on and off site.
Ayre Chamberlain Gaunt take no responsibility for the location of legal boundaries indicated on this drawing and advise a separate drawing be completed by a specialist surveyor in order to establish exact boundaries.
DWG files provided for information only. Refer to PDF record.
The copyright of this drawing is held by Ayre Chamberlain Gaunt Ltd. Not to be used for any purpose without consent.

NOTES:
Existing building details based on original drawings and site observation only. Contractor to allow for opening up works prior to confirmation of details.

Refer to NBS Specification W033-2360383-ACG-XX-ZZ-T-A-970001 for further product and buildup information.
See drawings 12600-12621 for detail callout locations

ACGARCHITECTS.CO.UK

Ayre Chamberlain Gaunt
Belvedere House
Basing View
Basingstoke
Hampshire, RG21 4HG

+44 (0)20 3909 5790
mail@acgarchitects.co.uk

AYRE CHAMBERLAIN GAUNT

PROJECT
University of Reading
URS Building

DRAWING TITLE
Proposed Section Details-Lantern Rooflight

REV	DATE	DESCRIPTION	
13	30/05/2025	Stage 4a Issue	KE
14	20/06/2025	Tender Issue	RB
15	20/08/2025	Planning Condition Discharge	RB

REV.	VER.	APPROVED BY
P15	.00	RB/DG

DRAWING NO.
project code - originator - volume - level - type - role - number
2360383-ACG-W033-ZZ-D-A-42204

SUITABILITY
code description
S4 SUITABLE FOR STAGE APPROVAL