

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.
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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

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**AYRE
CHAMBERLAIN
GAUNT**

PROJECT

University of Reading
URS Building

DRAWING TITLE

Proposed Section Details-Lean to Roof/Louvre Vent

REV	DATE	DESCRIPTION	
10	30/05/2025	Stage 4a Issue	KE
11	20/06/2025	Tender Issue	RB
12	20/08/2025	Planning Condition Discharge	RB

REV.	VER.	APPROVED BY
P12	.00	RB/DG

DRAWING NO.

project code - originator - volume - level - type - role - number
2360383-ACG-W033-ZZ-D-A-42209

SUITABILITY

code description
S4 SUITABLE FOR STAGE APPROVAL

Pr_30_59_98_15 Triple Glazed Timber/
Aluminium composite window system.
Fixing to existing structure to be confirmed by
supplier.

Ss_30_40_50_10/RF-02 Aluminium sheet
fully supported roof covering systems

Ss_30_40_50_10/RF-02 Aluminium sheet fully supported roof covering
systems

Existing capping and
holding cap to be
carefully removed and
retained in first instance
when re-lining gutter.

Existing mill finish textured
aluminium fascia and substrate to be
retained (where possible) including
flashing to top of glazing surround.

Pr_25_71_97_50
(Plywood) &
Pr_25_57_06_56
(Mineral wool slab
insulation)

Existing substrate
(assumed)
Condition to be
assessed by Contractor.

New insulation added to existing cavity to improve
thermal performance.

New vapour control layer.

Contractor to assess whether existing plywood soffit
board to be carefully removed, altered and retained or
replaced.

200mm deep insulated airtight plenum with spigot

3mm galv MS Plated Fixing Angle & Tek
Screw by Installer. Fixing of window system
currently proposed back to existing precast or
blockwork, to be reviewed by supplier and
phasing of works to be further considered.
Longer fixings indicated to allow fixing
alternatives based on local conditions.

Plasterboard edge beads
Ss_25_25_45_35 Gypsum wall lining system
(Knauf Wall Liner) IWL01 External Metal Wall
Liner System
Plasterboard and skim
12mm OSB3 lining, taped and sealed
Pr_35_31_64_47 25mm Insulating lime plaster
Pr_25_57_65_60 Intelligent VCL
Pr_25_57_06_56 Mineral wool slab insulation

Existing blockwork

Existing cavity wall insulation-urea formaldehyde

Proposed precast concrete panel

Aluminium louvre, PPC metallic silver see detailed
specification
Pr_35_90_33_22 Door and window weatherstrips and seals
EPDM

Pr_30_31_76_33 Glazing compounds and sealants.
Pr_35_90_87_27 Expanded polyethylene (PE) foam strips.
Mastic sealant with backer rod applied internally and
externally

Pr_30_59_98_15 Triple Glazed Timber/ Aluminium
composite window system.
Fixing to existing structure to be confirmed by
supplier.

LOUVRE SPECIFICATION

Manufacturer: Gilberts (Blackpool) Limited
Clifton Road, Blackpool, FY4 4QT

Contact: James Gordon

Mobile: 07795 345948

E Mail: jamesgordon@gilbertsblackpool.com

Product Reference: Gilberts WHZ/38

Product Description: High Performance Louvre System

Product Scope: Scope as outlined on Elevations and CW Schedule

Louvre Blade Pitch: 38mm

Blade Angle: 45 degrees

Overall Depth of System: 100mm excluding sealed plenum back box

Measured Free Area: 50%

Weathering: Class B @ face velocity of 1m/s

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 NVHR Classroom Vent

Unit to seal onto,

Installation: Supplied to Specialist Glazing Contractor for
Installation with Curtain Wall Package in accordance
with Gilberts recommendations.

Non Active Louvres: Ref - WHZ38 c/w non combustible insulated blanking panel
to thermal performance of 1.00w/m2K

1 Typical Roof & Cill Junction Detail - Proposed
Scale: 1:5

2 Typical Fascia & Gutter Section Detail - Proposed
Scale: 1:5