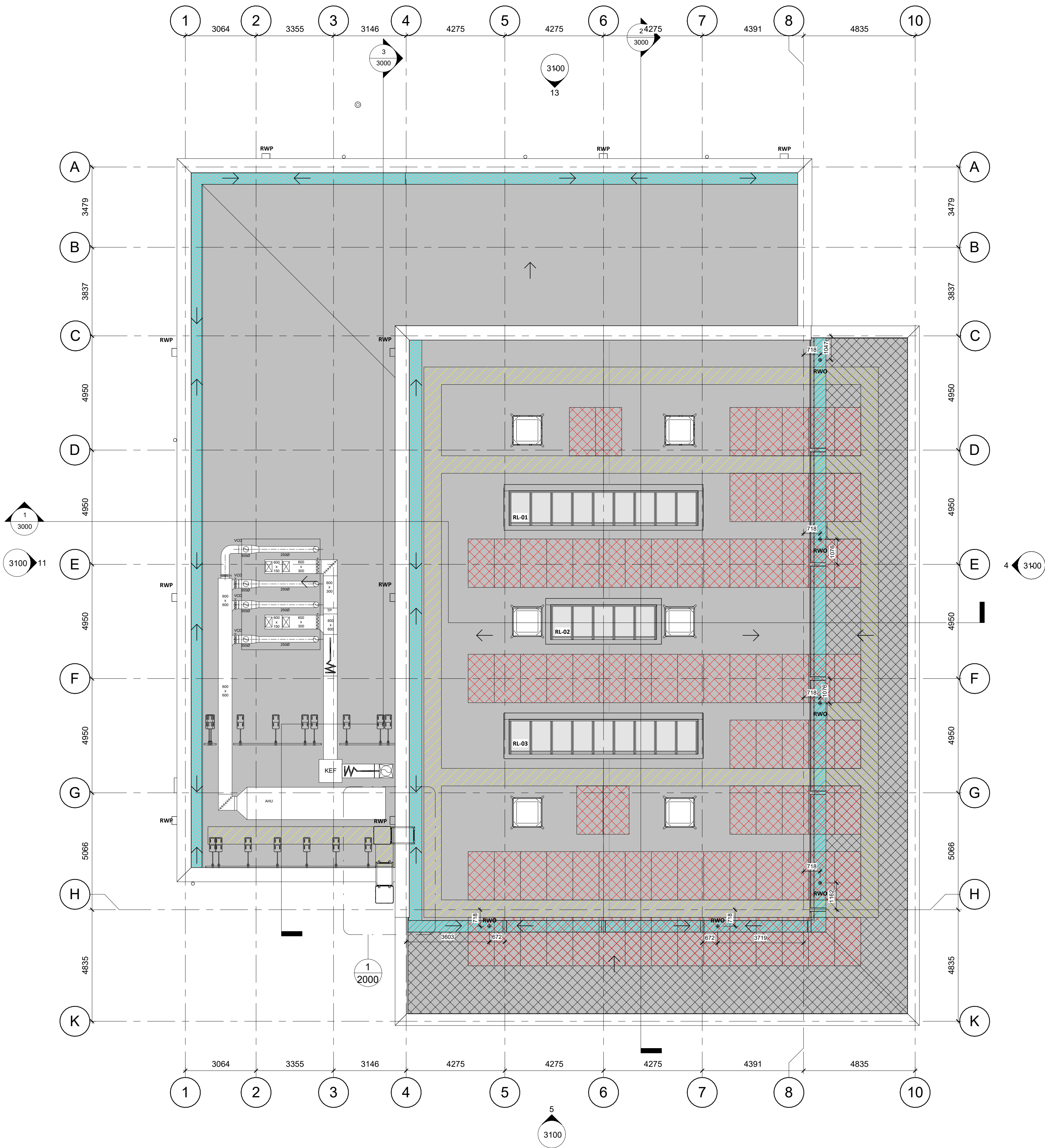




All dimensions to be verified on site. Do not scale this drawing. All discrepancies to be clarified with project Architect.

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The CDM hazard management procedures for the architectural aspects of the design of this project are to be found on the 'PolkeyCollins - Designer's Risk Assessment and Management Sheet' and/or drawings. The full project design teams comprehensive set of hazard management procedures are available from the Planning Supervisor/Safety Coordinator appointed for the project.

Key Plan

EDGE PROTECTION SPECIFICATION:

Modular guardrail roof edge protection system to lower roof - Kee Guard by Kee Safety, or similar approved.

To provide 1100mm guarding to indicated edges.

PVC counterweights for cantilever design - no fixings into roof membrane. Steel galvanised to BS EN 1461.

Detailed design and wind calculations by manufacturer to comply with BS EN 13700

Fall restraint system to upper roof - Latchways ManSafe Constant Force by MSA Safety or similar approved. Design by specialist to suit walkway layout.

ROOFLIGHT SPECIFICATION:

Rooflight PPC aluminium RAL 7016 Anthracite Grey - Em.glaze multipane by Whitesales or similar approved

Double glazed safety glass to achieve an overall u-value of 1.4W/m²K

Fragility to meet CWCT TN 76 + 77 Class 2

All materials used are required to meet the European classification B, s3, d2 for spread of flame.

Refer to the envelope details for builders kerb construction. Each rooflight has a clear structural opening:

RL-01 & RL-03 1470 x 8125mm
RL-02 1525 x 4525mm

Blinds are required to all rooflights and are to include push button electronic activators. Blind fabric to be selected with school.

ROOF SPECIFICATION:

Built up reinforced bitumen membrane (tapered insulation to lower roof / flatboard insulation to upper roof) warm deck roof covering - Moy or similar approved

Warm roofs to achieve an overall u-value of 0.12W/m²K.
Falls are designed into the tapered insulation scheme to achieve a minimum fall of 1:80

- Top layer Paralon AED/H5 (colour: charcoal) cap sheet fully bonded by gas torch.
- Base layer Paralon TOP/S
- Paratherm T/IR24 cut to falls / flatboard PIR insulation
- AVCL
- SIGA Wetguard moisture protection
- Structural deck (CLT or metal deck as per structural proposal)

NOTE: hatched areas indicate cold roof zones where no insulation is required. Minimum 18mm exterior grade plywood on firings to form deck and falls. Fire engineer to comment on presence of SIGA Wetguard in BRoofT4 build up.

Roof manufacturer to provide overflow locations.

ALUMINIUM COPING SPECIFICATION:

Aluminium coping and fascia PPC RAL 7016 Anthracite Grey - Weatherstruck and Kwikfix horizontal cladding by Dales Fabrications or similar approved

Refer to the envelope details for construction information.

LEGEND:

- RWO** Rain water outlet - refer to envelope details
- RWP** Rain water pipe and hopper - refer to envelope details
- Fall direction and gradient (1:80 gutters / 1:60 roof)
- ⊗** Cold roof
- ⊗** Gutter (500mm wide)
- ⊗** Photovoltaics (indicative refer to electrical information)
- ⊗** Walkway mat (760mm wide)

P04	14.04.25	Issued for planning.	TS	NM
P03	24.02.25	Issued for comment.	TS	NM
P02	27.11.24	Issued to M&E consultant.	TS	NM
P01	05.09.24	Stage 4 Issue for comment	TS	NM

Rev	Date	Description	By	Chk'd
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POLKEYCOLLINS

www.polkeycollins.co.uk
+44 (0) 1522 306 456
info@polkeycollins.co.uk

RIBA 
Chartered Practice

CLIENT The Piggott School Through CTS

PROJECT Piggott School - Multi-purpose Hall

TITLE Roof Proposed Plan

SCALE As indicated STATUS S0 REV P04

DRAWING 2708_E_PCA - DR - A - 1100

0 0.5 1 2 3 4 5 10m

Scale 1:100