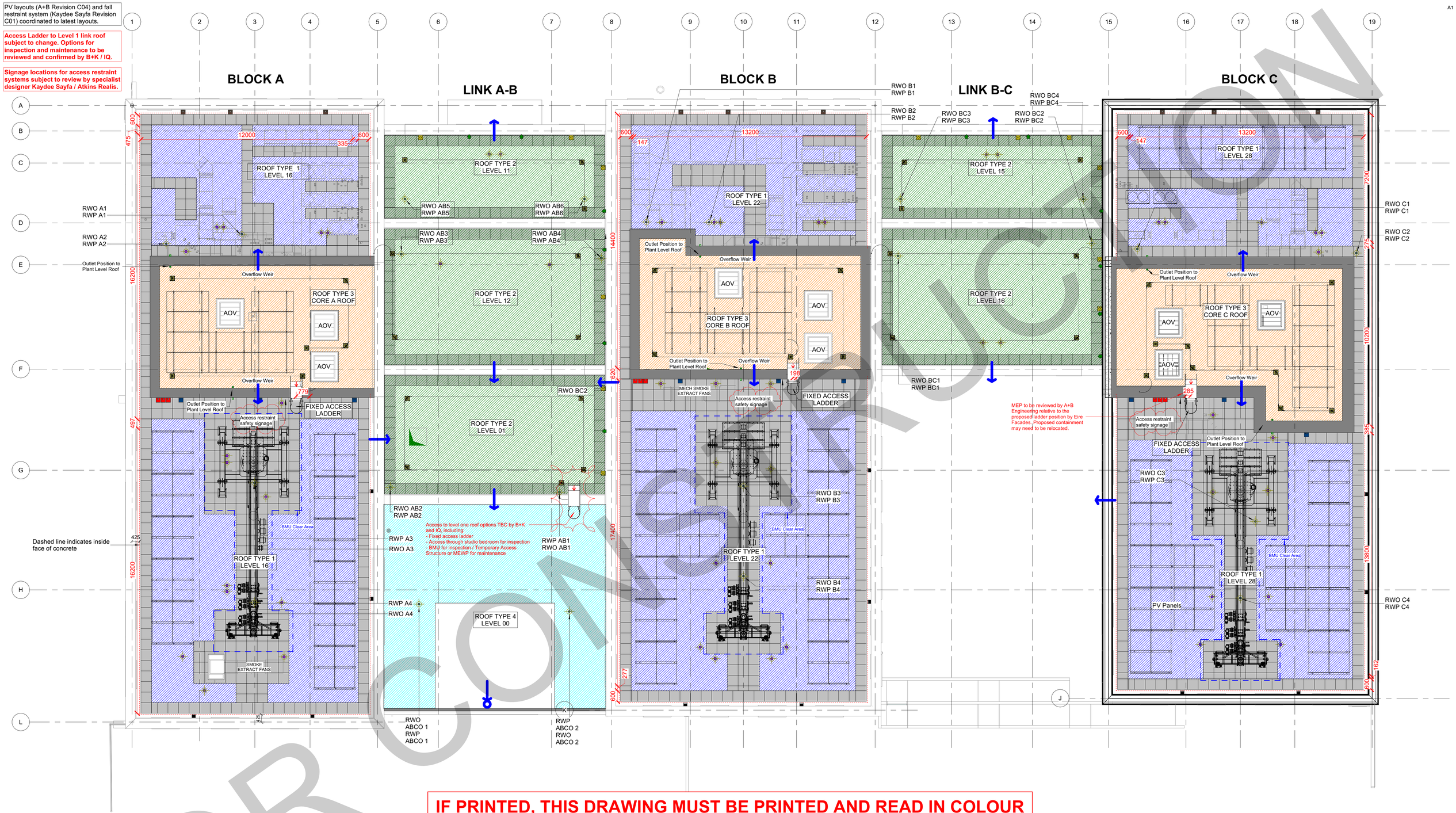
PV layouts (A+B Revision C04) and fall restraint system (Kaydee Sayfa Revision C01) coordinated to latest layouts.

Access Ladder to Level 1 link roof subject to change. Options for inspection and maintenance to be reviewed and confirmed by B+K / IQ.

Signage locations for access restraint systems subject to review by specialist designer Kaydee Sayfa / Atkins Realis.

A1



1 Roof Type and Surface Penetrations
27100 1 : 100

FOR COMMENT

IF PRINTED, THIS DRAWING MUST BE PRINTED AND READ IN COLOUR

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DO NOT SCALE FROM THIS DRAWING
The contractor shall check and verify all dimensions on site and report any discrepancies in writing to Sheppard Robson before proceeding work

FOR ELECTRONIC DATA ISSUE
Electronic Data / drawings are issued as "read only" and should not be interrogated for measurement. All dimensions and levels should read, only from those values stated in text on the drawing.

Key

RWP's and Outlets
- Primary RWP position in floor below
- Primary Outlet position at roof level
- Secondary RWP position in floor below
- Secondary Outlet position at roof level
- Outlet Position to Plant Level Roof
- Rainwater pipe position down to roof level
- Overflow Warning Pipe / Weir
- Overflow Warning Pipe flow to Basement Level

Finishes and Furniture
- Indicative position of PV Panels
- Paved Area
- Starling Nest Boxes
- Black Redstart Nest Cavities
- House Sparrow Terraces
- Bat Boxes
- Bee Bricks
- Bug Hotels

Penetrations
- Soil Vent Pipe (SVP)
- Fall Restraint Socket / System

Roof Types
- Roof Type 1
- Roof Type 2
- Roof Type 3
- Roof Type 4

Drawing to be read with:

27120 - Maintenance Strategy
27620 - Roof Types

NOTE
To be read in conjunction with Stage 3 information from following consultants;
- For Fire Engineering please refer to OFR:
- For Thermal Performance please refer to Waterman Building Services
- For Acoustic Peformance please refer to Miller Goodall:
- For Secure By Design please refer to Greater Manchester Police:
  Crime Impact Statement
- For Glare Assessment please refer to GIA Chartered Surveyors
- For Microclimate and Cladding Wind Load studies please refer to WSP and RWDI

REV.	DATE	AMENDMENT
C03	10/01/2025	Roof layouts coordinated with latest PV, structural and M&E model information. Further updates to finishes and access restraint systems
C04	05/03/2025	Roof layouts updated to align paving edges to concrete upstand. Annotation updates to access ladders and outlet / overflow wier positions over core roofs
C05	12/03/2025	Outlet and hopper relocated as requested by B+K and S1 Roofing
C06	15/04/2025	Fall Restraint (Rev P05) and PV Array (C03) aligned to latest layouts from Kaydee Sayfa and A+B Engineering
C07	01/05/2025	Fall Restraint (Rev P06), PV Array (Rev C04) and Copings coordinated to latest information
C08	11/06/2025	Updated to align with access mark up by A+B Engineer. Ladder positions adusted.
C09	03/07/2025	Updated following comments from Electrical Engineer
C010	17/07/2025	Access ladder locations updated following review and comment by Eire Facades
C011	01/08/2025	Updated following comments from Eire Facades
C012	24/09/2025	Signage locations for access restraint systems indicated

KEYPLAN

CLIENT
BOWMER + KIRKLAND

DEVELOPER
IQ Student Accommodation

STATUS **A5** PURPOSE FOR ISSUE **Construction**

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SCALE@A1	DATE	ORIGINATOR	CHECKED	AUTHORISED
As indicated	24/09/2025	NA	VC	RG

PROJECT
IQ Students, Echo Street
Roof Types and Surface Penetrations Plan

Stage 4

SR NO. **7183**

DRAWING NO. **63073- SRA-XX-RF- DR - A- 27100**

REV. **C012**