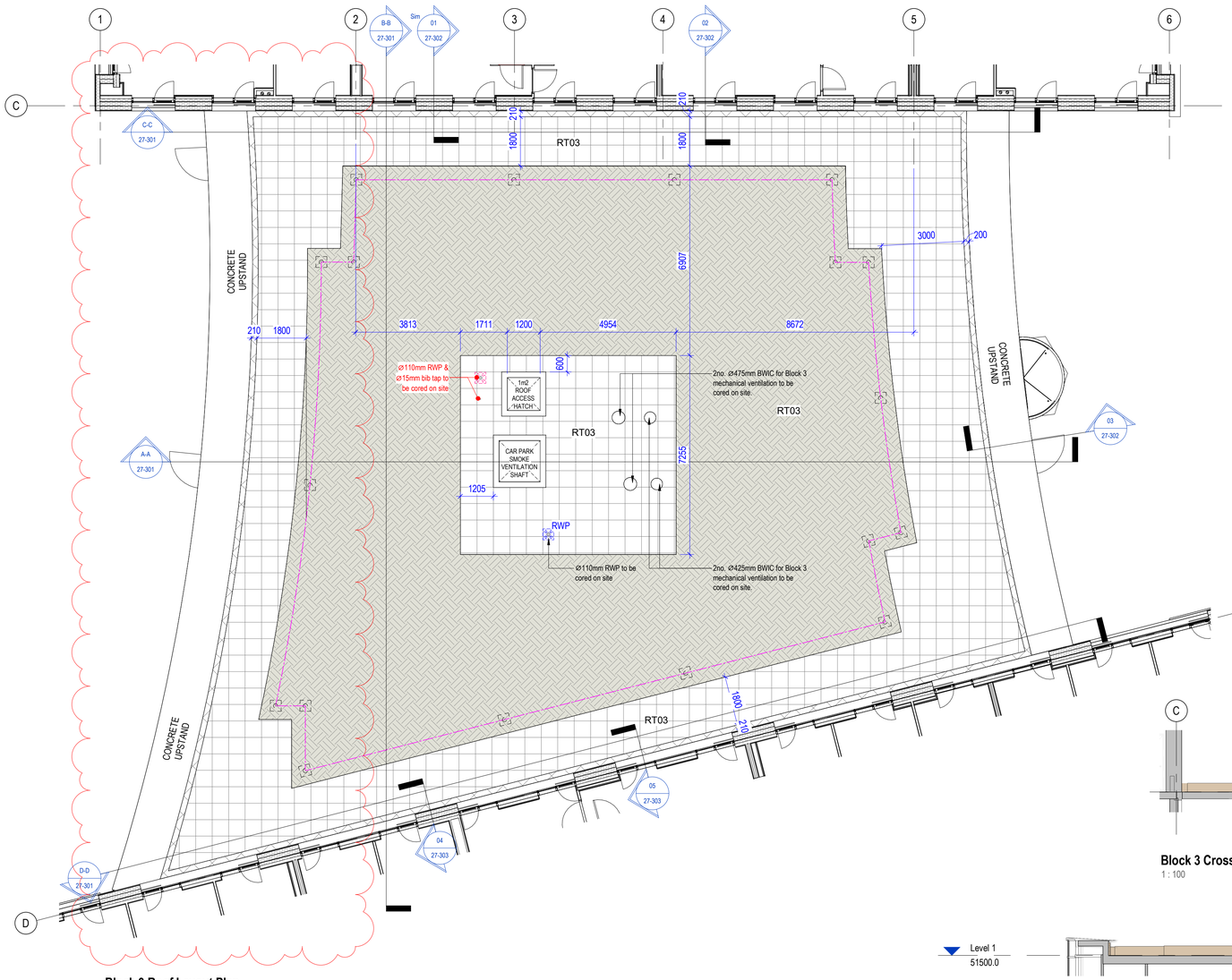
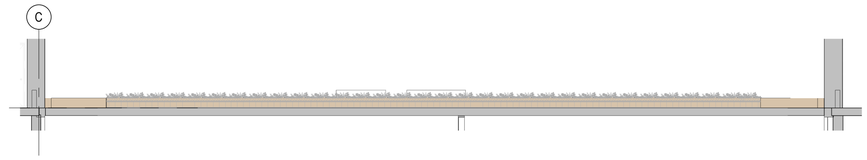


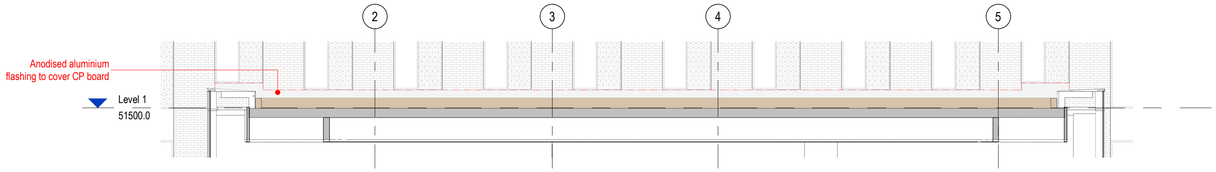
Block 3 Roof Layout Plan
1 : 100



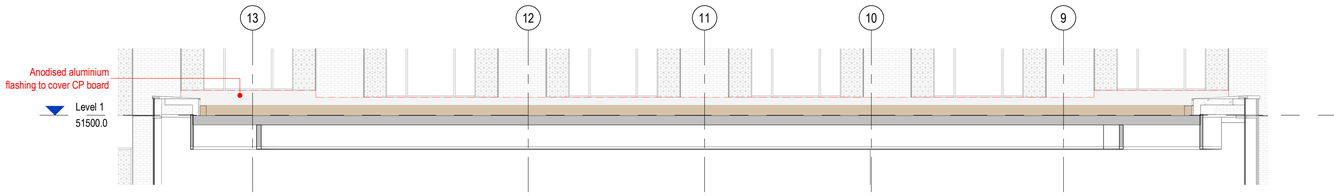
Block 3 Cross Section B-B
1 : 100



Block 3 Longitudinal Section A-A
1 : 100



Block 3 Longitudinal Section C-C
1 : 100



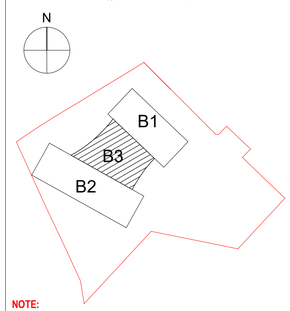
Block 3 Longitudinal Section D-D
1 : 100

KEY

- IKO Systems Self Adhesive VCL
- IKO Permaguard-F Protection Layer
- IKO PermaTEC ECOWRAP
- IKO PermaTEC ANTIROOT
- IKO Systems H-A self adhesive Underlay
- IKO PermaTEC Water Control Layer (WCL)
- EGR F Filter Fleece
- EGR H20 Flow 6 Layer
- Breather Membrane (Tyvek FirePro)
- **Fall Restraint System** To Roof & WAH Specialist Subcontractor Design. To be agreed with Building Control.
- **Structural Glazed Balustrade** A2-s1-d0 structural glazed balustrade secured to a concrete upstand. Balustrade typically 1800mm high to perimeter of terrace. Mechanically fixed to RC upstand. Allow for manifestation to all glazing.
- **Rainwater Outlet & Orifice Chamber** Denotes Rainwater Pipe Concealed Below Roof Finish.
- **Soil Vent Outlet** Denotes Soil Vent Pipe.
- **Davit Arm** Denotes base of davit arm system. Shown indicatively. To have concrete upstand. TBC by WAH Specialist Subcontractor. All locaiton TBC subject to further co-ordination of access and maintenance.
- **Ancor Point** Denotes Anchor for Fall Restraint System Shown Indicatively. All location TBC subject to further co-ordination of access and maintenance.
- **Overflow Chamber** Denotes RWP Overflow Chamber

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NOTE:
- Drawings to be read in conjunction with DAY 21 series external wall details and DAY 27 series Roof Details.
- All roof specifications subject to approval from Fire engineer and building control
- Insulated upstands to be IKO MW Upstand 56 Upstand Board (non-combustible).
- Services terminating to atmosphere TBC by MEP Subcontractor.
- Waterproofing specification to be in accordance with IKO NBS specification reference SF-040243.
- Blue roof drainage design to be in accordance with Metclad Blue Roof Specialist design report.
- All roof build-ups to achieve BROOF(t4) and be tested as part of the proposed substrate in accordance with the Fire Strategy.

FINISHES KEY

- **RT01** (Maintenance) - Blue roof with concrete paving slabs on adjustable pedestals / ballast.
- **RT02** (Terrace) - Blue roof with granite paving slabs on adjustable pedestals.
- **RT03** - Green roof over blue attenuation roof drainage layer.
- **RT04** - Felt roof system with tapered insulation to lift over-run.
- **RT05** (Maintenance without Blue Roof) - Inverted roof with paving slabs on proprietary supports / ballast.

Roof Build-Up's

Block 1 & 2
- 225mm concrete slab primed with with PermaTEC primer.
- 2 Coats of PermaTEC ECOWRAP with IKO Permaguard-F Protection layer.
- 160mm IKO Enertherm insulation to achieve 0.20 W/m²K U Value.
- EGR H20 Flow 6 Layer
- **100**mm drainage deck in B1 terrace only/**150**mm drainage deck in B2 (to Blue Roof Specialist design/ specification)
- EGR F Filter Fleece
- Roof Finish; 50mm Blanco Granite Pavers OR 50mm Concrete Pavers on proprietary supports OR min. 50mm Ballast. Refer to Finishes Key.

Block 3
- 300mm concrete slab primed with with PermaTEC primer.
- 2 Coats of PermaTEC ANTIROOT with IKO Permaguard-F Protection layer.
- 160mm IKO Enertherm insulation to achieve 0.20 W/m²K U Value.
- EGR H20 Flow 6 Layer
- 100mm drainage deck (to Blue Roof Specialist design/ specification)
- EGR F Filter Fleece
- Roof Finish; Intensive Green Roof Build-up OR 50mm Concrete Pavers on proprietary supports OR min. 50mm Ballast. Refer to Finishes Key.

CLIENT
RG GROUP / OLYMPIAN

PROJECT
The Fairfax Manchester

REV	DESCRIPTION	DATE	REV BY	CHKD
H	Block 3 roof layout amended following glass replacement strategy development.	27.08.25	JM	AMS
G	B2 AOV setting out revised to suit as built. B3 roof signage omitted, bib tap added.	03.04.25	AMS	AMS
F	Issued for Construction. B1 terrace finish and build-up updated. RWP locations amended. Angle to head of SFS in B3 added.	24.02.25	JM	AMS
E	Roof layouts revised following on going coordination with Metclad and Apex.	22.11.24	AMS	MG
D	2no. BWIC and RWPs to be cored on site added.	07.11.24	AMS	MG
C	Roof details issued following design development.	20.08.24	AMS	MG
B	Updated to RGG comments	11.08.22	GMc	MG
A	Issued for information	01.12.21	MS	MG

DRAWING
Block 3 Roof Layout

SCALE
As indicated @ A1

FIRST ISSUED
01/12/2021

PROJECT	DRAWN BY	CHECKED BY
1284-21	MS	MG

DRAWING STAGE	ROLE	NUMBER	REVISION
STAGE 4	A	27-301	H

DRAWING STATUS
CONSTRUCTION

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