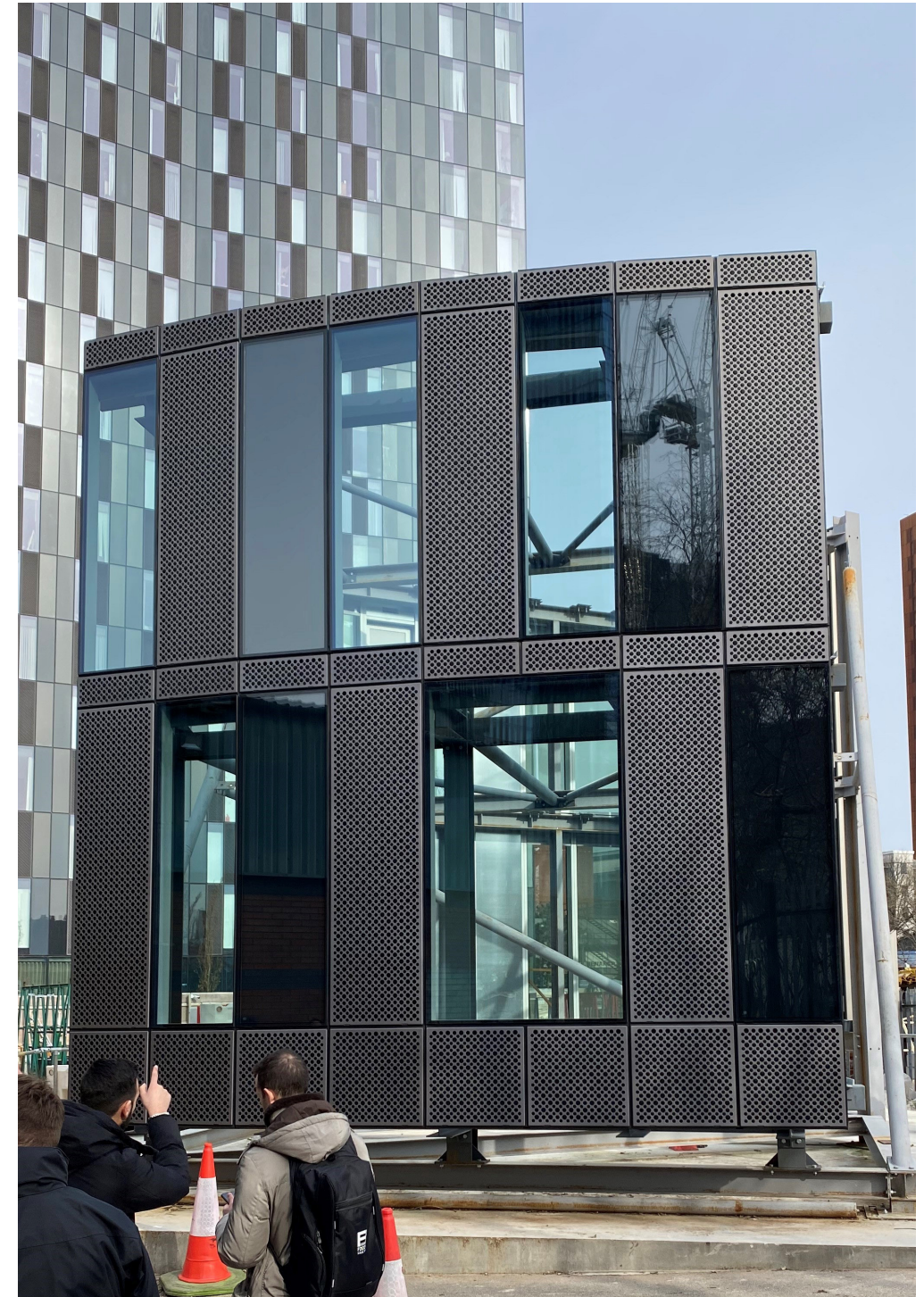




simpsonhaugh



Crown Street, Phase 2 – Manchester

TOWER C5 - SAMPLE APPROVAL SUMMARY | JULY 2022

10292-C5-SHP-A180-Rp-XX-002 | REVISION P 02

Visual Mock-Up (VMU) and sample summary

Purpose of the report

The report summarises agreements made relating to finishes and materiality of the unitised curtain walling and low level podium brickwork.

- Tower C5 - Visual Mock Up review
- Tower C5 - Podium brickwork
- Sample summary



Tower C5 and podium
CGI



Visual Mock Up - Tower facade
Page 3



Brickwork - agreed spec.
Page 4

Visual Mock-Up Review

Date
23rd June 2022

Location
Peugeot Car Park, Great Jackson Street, Manchester

Attendees

SimpsonHaugh (SHP):	Ian Simpson, David Green, Henry Mulligan
Renaker Build Ltd (RBL):	Pete Mills, James Daycock
Manchester City Council (MCC):	Dave Roscoe, Lucy Harrison

The Visual Mock-Up (VMU) has been constructed in Manchester by the project’s Facade Contractor; Focchi to an agreed scope by RBL / SHP. The VMU comprises two storeys of the building, capturing all instances of the typical panel types. The VMU is constructed from representative units, that visually, are identical to the colour, finish and glass composition to the proposed final units that will be used within the construction of the building.

SHP presented the VMU to MCC to contextualise the VMU within the wider scheme. MCC were supportive of the overall quality and appearance of the cladding.

Note:
MCC advised during the C4 VMU presentation 22.09.21 (ref C4 report: C4-SHP-A180-Rp-XX-002) that if the podium brickwork matches the exact specification of Crown Street Phase 1 then a separate sample panel would not be required. The same brickwork is proposed on the C5 element of the scheme - therefore it is not proposed to construct a sample panel for C5 either.



Visual Mock Up

Phase 1 - Brickwork

It was agreed at the VMU presentation (for Tower C4) with Manchester City Council that a dedicated sample panel would not be required for Crown Street Phase 2, if it features the same specification of brickwork and mortar as the phase 1 development.

Photographs on this page summarise the use of the brick on the complete elements of the phase 1 development. The composition will follow the same specification as follows:

- Brick**
Weinerberger Marziale
- Mortar**
Marshalls PM 105
- Pointing**
Flush



Crown Street Phase 2
Brick bands at level 01 and 02



Crown Street Phase 1 - Completed brickwork
Indicative brickwork, mortar and pointing only
Photographed 06.11.20



Crown Street Phase 1 - Sample Panel
Indicative brickwork, mortar and pointing only
Photographed 13.05.20



Crown Street Phase 1 - Sample Panel
Indicative brickwork, mortar and pointing only
Photographed 13.05.20

C5 Sample Description

Description	Manufacturer	Specification / Finish	Location	Sample Type
Anodised Aluminium				
Dark grey	NECE (Incorporated in to bespoke Focchi unitised curtain walling system)	NECE 94G	Purge vent perforated panels, louvers in podium	Sheet sample / VMU
Black	NECE (Incorporated in to bespoke Focchi unitised curtain walling system)	NECE - Black anodised	Purge vent door outer	Sheet sample / VMU
Clear Vision Glass				
Typical clear glass with Ipasol 60/33 coating - Double glazed	AGC Group (Incorporated in to bespoke Focchi unitised curtain walling system)	outer pane: MID-IRON GLASS, IPASOL LIGHT GREY 60/33 COATING FACE #4 inner pane: MID-IRON GLASS ANNEALED	Typical vision units	DGU / VMU
Opaque Glazing				
Opaque glazed panel 100% enamelled frit - dark grey	AGC Group (Incorporated in to bespoke Focchi unitised curtain walling system)	outer pane: 10mm heat strengthened low iron glass, spacer: 20mm alu spacer inner pane: 8mm Toughened +HST, 100% RAL 7021 face #4	Spandrel units	DGU / VMU
Podium Brickwork				
Brick - Cream Soft Mud Creased Multi Brick	Weinerberger	Marziale	Podium - perimeter brick band at level 01 and 02	Crown Street Phase 1 Podium - as constructed
Mortar - Coloured mortar (Flush pointing)	Marshalls	PM105	Podium - perimeter brick band at level 01 and 02	Crown Street Phase 1 Podium - as constructed

VMU = Visual Mock-up

DGU =Double Glazed Unit