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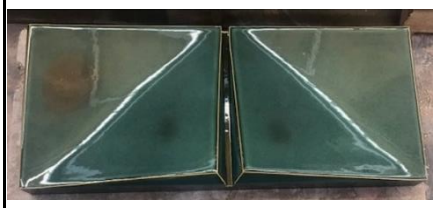
File Note

To	Tony Mitchell [Manchester City Council Planning]
Copy to	Samantha Johnson [University of Manchester]
From	Tom Brigden
Date	01 June 2020
Subject	Planning Condition 7 (LBC Condition 4) Programme of Samples and Samples and Specifications of External Materials
Project No/Name	237010 Manchester Museum Courtyard

Part 1 of the condition was issued on 10 September 2019 as part of Discharge of Conditions application
Part 2 of the condition was emailed to Tony Mitchell on 25 November 2019 by Samantha Johnson, UoM
This document combines the above two submissions with additional details on specifications and material images. (issued 01 June 2020 as part of the Discharge of Conditions application). Physical samples will be available upon request.

Planning Reference 118410-FO-2017 Condition 7
LBC References 118412-LO-2017, 118413-LO-2017 and 118414-LO-2017 Condition 4

Part 1 of the condition: *Programme for the issue of large-scale samples and detailed specifications of all materials to be used on the external elevations and the rooves.*
Part 2 of the condition: *Samples and specifications of all materials detailed in the approved programme, plus jointing and fixing details, junctions and interface details and a strategy for quality control management.*

Material	Sample/ specification to be tabled with MCC	Specification	Planning Elevation Reference	Image
External Feature Wall Terracotta Rainscreen Cladding on Coupland Street (Darwen Terracotta)	06/09/19	80mm thick Faience Terracotta tiles with green glaze carried by aluminium support grid. The system is fixed to a structural insulated inner leaf wall and other components such as insulation, membranes, breakers, etc are incorporated. The system is drained and back-ventilated.	01	
External Wall Stone Rainscreen Cladding (Shackerleys)	01/11/19	20mm thick Shackerleys SHG Zarkos ZK09 honed reinforced limestone tiles carried by aluminium support grid. The system is fixed to a structural insulated inner leaf wall and other components such as insulation, membranes, breakers, etc are incorporated. The system is drained and back-ventilated.	02	

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External Base Wall to Coupland Street and External Steps Stone Rainscreen Cladding (Shackerleys)	01/11/19	30mm thick Shackerleys SHG Zarkos ZK09 honed reinforced limestone tiles carried by aluminium support grid. The system is fixed to a structural insulated inner leaf wall. The system is drained and back-ventilated.	13	
Stair Roof and Roof to Northlights Lead roof with rolls	01/06/20	Code 8 (code 5 for northlights) rolled lead sheet covering installed in accordance with Lead Sheet Association guidelines.	16 & 17	
Flat Roof Bitumen Membrane Warm Deck Roof Covering (Bauder)	06/09/19	Coverings of multiple layers of reinforced bituminous membranes by Bauder, laid and jointed using self-adhesive and/or torch application. The roofing system includes the vapour control layer, thermal insulation, underlayer and capping sheet membranes. Colour - Natural Slate.	-	
Stair Balustrade	01/06/20	Welded vertical steel plates. Colour RAL 9004	5	

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Glazing (Saint-Gobain)	01/06/20	Outer pane 10mm thick PLANICLEAR SGG COOL-LITE XTREME 60-28 II thermally toughened float glass Inner pane 14.4mm thick PLANICLEAR laminated float glass 16mm gap filled with Argon gas	03, 09 & 16	