5.1 Photos of Visual Sample Panels On-Site.

The photos on this page show the sample panels that are now on site which were presented to Manchester City Council on 14/05/25 as part of Planning Condition 49b discharge.

These panels show the benchmark unitised curtain wall facade system including proposed windows, perforated vent panels, frit pattern, finishes and details that will be delivered by the project's main contractor HG Construction and facade subcontractor KGC.

The sample panels shown are as follows:

1. Standard Anodised Perforated Panel.

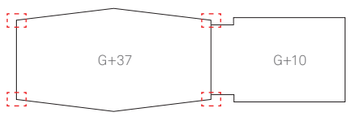
2. Standard Glazed Fritted Panel.

3. Standard Corner Detail Panel.

JMA, HG, and MCC are generally satisfied with the quality, jointing, material finishes, and workmanship of the presented sample panels.

There are a number of observations described on the following page which will be addressed and rectified on the permanently installed panels.

Corner Detail Location Key:





Typical Perforated Panel (left), Typical Glazed Fritted Panel (right), Typical Corner Panel (bottom right).



Sample Panels installed On-Site: Full Size Perforated and Glazed Panels, Part Corner Panel Detail.

5.2 Facade Workmanship & Quality Assurance

JMA was invited by HG on 26/02/25 to view KGC's VMU panels and ensure that key facade elements such as finishes and workmanship details are aligned with the design intent.

The corner sample panel shown has been produced as per Manchester City Council's request to better recognise the proposed material finishes and demonstrate the relationship between each facade components' jointing.

The following photographs illustrate details that will be adressed and have been agreed in writing with HG, KGC, and JMA.

These are as follows:

1. The black PPC panel that forms part of the corner detail mock up will be anodised aluminium as per the planning approved drawings and hand samples.

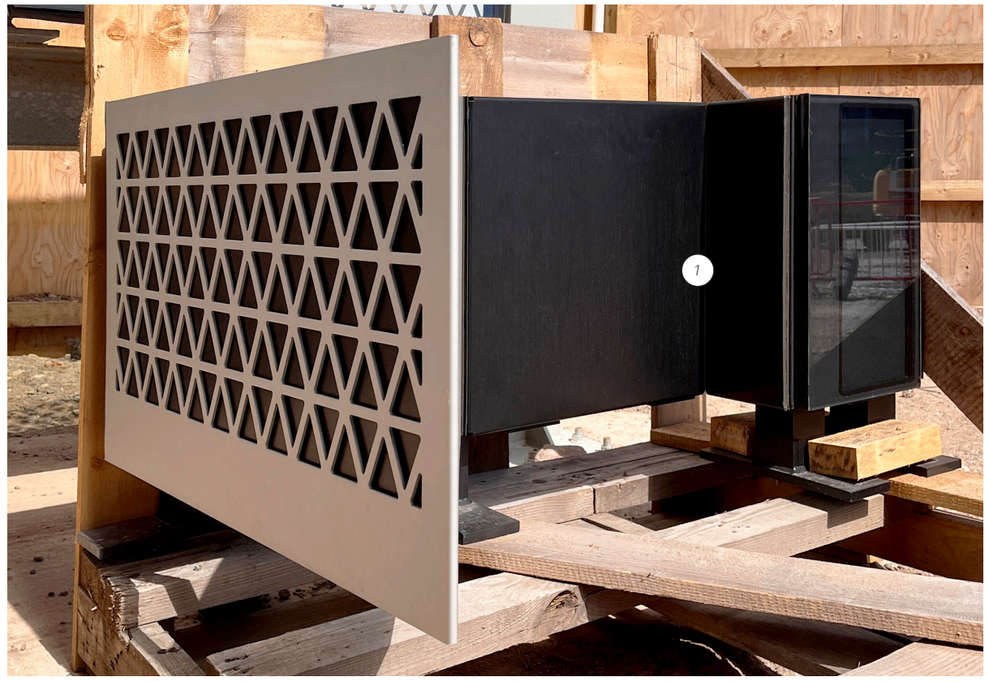
2. Visible screwheads in the black panels behind the perforated panel will all be colour matched.

3. The clamp marks in the corners of the anodised panels from the anodising process will not be visible.

4. The finishing and workmanship of the mastic joint in the birds mouth detail does not represent the proposed detail and will be a gasket finish similar to the adjacent joint.



1. Typical Corner Panel - Recessed panel to be black anodised aluminium.



1. Typical Corner Panel - Recessed panel to be black anodised aluminium.



2. Visible screwheads to be colour matched to black panel.



3. Clamp marks from anodising process to be resolved.



4. Workmanship of birds mouth gasket detail to be addressed.

Appendix

Facade Subcontractor's Technical Reports

As per Planning Condition 49b, a quality control management strategy shall be submitted to and approved in writing by Manchester City Council for discharge of condition.

In accordance to this requirement, the project's Facade Subcontractor KGC have prepared the following technical reports to support the application.

These reports are as follows:

1. Project Quality, Health and Safety and Environmental Plan.
Document no. **P644-KGC-XX-XX-HS-X-HS001**

2. Site Inspection and Testing Plan.
Document no. **P644-KGC-XX-ZZ-QD-X-QD001_SiteITP**

3. Off-site Inspecction and Testing Plan.
Document no. **P644-KGC-XX-ZZ-QD-X-QD002_OffSiteITP**

All reports are separately attached.


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Project

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No.: 0711-23

Project Quality, Health and Safety and Environmental Plan

Report number revision

P644-KGC-XX-XX-HS-X-HS001 C01

Supporting Document 01
Project Quality, Health and Safety and Environmental Plan.


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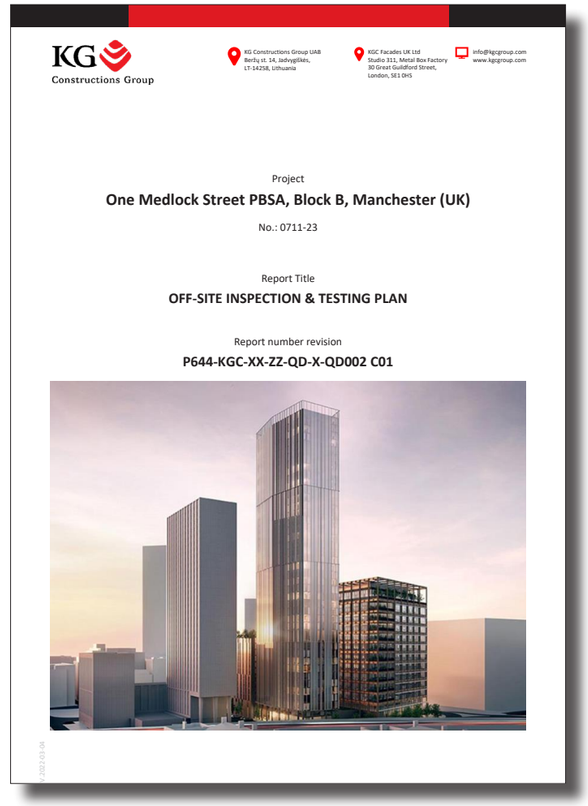
No.: 0711-23

SITE INSPECTION & TESTING PLAN

Document number revision

P644-KGC-XX-ZZ-QD-X-QD001 C01

Supporting Document 02
Site Inspection and Testing Plan.


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No.: 0711-23

Report Title

OFF-SITE INSPECTION & TESTING PLAN

Report number revision

P644-KGC-XX-ZZ-QD-X-QD002 C01

Supporting Document 03
Off-site Inspecction and Testing Plan.

Simple, elegant design.