

14 October 2024

Manchester City Council
Planning Department
PO Box 532
Town Hall
Manchester
M60 2LA

FAO: Jack Naven

Dear Jack,

Gantry, Science and Industry Museum – Application to Discharge Condition 3 (Repair Works) of application ref. 138102/LO/2023

On behalf of our client, the Science and Industry Museum ('The Museum') (on behalf of the Science Museum Group), this application seeks to discharge Condition 3 (Repair Works) in part pursuant to application 138102/LO/2023 and CDN/24/0641.

The Description of Development as written on the Decision Notice is:

'Listed Building Consent for the refurbishment, repair, and redecoration of The Gantry crane structure. Works shall include the stripping of paint, introduction of new waterproofing measures, including at its juncture with the adjacent Power Hall, the introduction of bird protection measures, carrying out of structural repairs and repainting, and other associated works.'

Condition 3 (Repair Works)

'Notwithstanding the details as set out in condition 2 above, in cases where it has been acknowledged in the approved documents that the full extent of repairs is currently unknown, and therefore a detailed methodology of how such repair will be undertaken is also currently unknown, following the undertaking of more detailed inspections, a full detailed scope of works, captured in the form of a detailed report, which will include a record of works undertaken and the methodology of how these works were undertaken, as well as drawings showing all the areas of

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repairs, shall be submitted to and approved by the City Council as Local Planning Authority. The approved details shall then be implemented as part of the development.'

The repair works for the Gantry are set out in the accompanying information. They have been developed following the completion of initial site investigations and shot-blasting works, and pursuant to a previous partial planning application for previously identified repair methodologies at the Site. The current investigations have identified three further methodologies for the repair works to the Gantry (Repairs 4, 5 and 6), with additional and final repair methods (including 'Repair 3') to be submitted in due course. Repair methods 1 and 2 were approved pursuant to application ref. CDN/24/0641.

Repair methodology 4 ('Repair 4') is required to address cracks in the existing column heads. The repair will include cleaning the area with an angle grinder and a minimum of 10mm of weld will be added to repair the metalwork, to achieve a fall from centre to edges, to prevent any water collection.

Repair methodology 5 ('Repair 5') is required to address the corroded flange of the Gantry beam, due to near-complete loss of certain areas of metalwork. The repair will match previously undertaken repair works to the beam, and includes the insertion of new 10mm steel plates, above and below the existing flange, and secured with dome headed bolts (dummy rivets) in order to strengthen the beam.

Repair methodology 6 ('Repair 6') is required to prevent water collection and damage to section, due to the form of the crane beams. The repair will comprise drilling 20mm holes through the bottom of the flange of each crane beam, at the lowest point of the midspan – all holes will avoid extant rivets on the beam.

Please refer to the accompanying methodologies prepared by Lost Art and HH Smith, for further details of repair methods and the location of the repairs at the Gantry. These proposals have been developed for both structural safety reasons and to minimise damage to historic masonry. As such, the proposals within this application are the most effective and least intrusive means to achieving the required repairs.

As outlined above, the proposed repair methods are submitted pursuant to an initial partial condition discharge application (application ref. CDN/24/0641), which gained approval in July 2024, for the first phase of repair works.

Any additional repair methods identified (including repair method 3) following site investigations across the rest of the Gantry structure, will be formally submitted and agreed with the Council in accordance with the requirements of Condition 3 via a separate condition discharge application. This submission approach has been discussed and agreed with the Local Planning Authority at a site visit on 09.07.2024.

Condition 3 Application Documentation

Alongside this covering letter, the following documents are submitted in support of this application to discharge Condition 3 in part:

- Discharge of Condition application form;
- Drawings prepared by Buro Happold (ref. SIM-BHE-GA-XX-SK-S-0005), dated 23.08.2024;
- Proposed Gantry Repair Methodology - Repair 5 drawing (ref. 585-05) prepared by HH-Smith and Lost Art, dated 03.08.2024;
- Proposed Gantry Repair Methodology - Repair 5 drawing (ref. 585-051) prepared by HH-Smith and Lost Art, dated 13.09.2024;
- Gantry Conservation Philosophy Document prepared by Buro Happold, dated 28.06.2024; and
- Gantry Repairs Methodology (Rev D) prepared by HH Smith and Lost Art, dated 16.09.2024.

This application to partially discharge Condition 3 been submitted online via the Planning Portal (reference: PP-13457481).

We would be grateful for written confirmation of receipt and registration of this application. Please do not hesitate to contact Eleanor Scrafton (escrafton@deloitte.co.uk / 0161 455 8598) if you have any questions or require any further information.

Yours sincerely



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