

17 July 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) and Condition 8b (Paint) 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 and Condition 8b (Paint) in full pursuant to application 138102/LO/2023.

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. These works have identified two methodologies for the repairs.

The first repair methodology is required to address the heavily corroded rivets on the top of the flange of the crane beams. The repair will include the removal and replacement of corroded rivets and the insertion of dome-headed bolts to the underside of the flange, and nuts to the top face.

The second repair methodology is required to address the corroded steel plate and angle. The repair will include the removal and insertion of a replacement steel plate and angle.

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 on 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.

Any additional repair methods identified, 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. 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 a condition application form;
- Drawings prepared by Buro Happold (ref. SIM-BHE-GA-XX-DR-S-1401 and SIM-BHE-GA-XX-DR-S-1402), dated 08.05.2024;
- Gantry Conservation Philosophy Document prepared by Buro Happold, dated 28.06.2024;
- Proposed Gantry Repair Methodology - Repair 1 (ref. 585-01) prepared by Lost Art, dated 12.07.2024;
- Proposed Gantry Repair Methodology – Repair 2 (ref. 585-02) prepared by Lost Art, dated 12.07.2024; and,

- Gantry Repairs Methodology (Rev B) prepared by HH Smith and Lost Art, dated 12.07.2024.

## Condition 8b (Paint)

This application also seeks to discharge Condition 8b. Condition 8b states:

*‘Following the carrying out of the paint sampling outlined in condition 8a and prior to the commencement of any repainting works, the results of the paint sampling, as well as a proposal for the final colour of the repainting, accompanied by a sample for consideration, will 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 repainting proposals for the Gantry, set out in the accompanying information, have been developed following the testing of different paint samples on the Gantry. The Conservation Officer viewed the paint samples at the site on 12.06.2024 and subsequently confirmed acceptability of the final proposed paint sample via email on 25.06.2024.

The proposed paint details (sample ref: NCS S 6030-Y90R) have been chosen by paint specialist Crick-Smith. It has been selected to help the gantry structure maintain a high-quality medium-gloss finish. Please refer to accompanying information prepared by Crick-Smith and Jotun, for further details.

The Restoration Specification submitted alongside the original application, has been resubmitted to be read alongside the paint specification. The paint Restoration Specification details the application method of the paint (pages 95-96).

## Condition 8b Application Documentation

Alongside this covering letter, the following documents are submitted in support of this application:

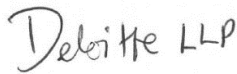
- Discharge of a condition application form;
- Historic Paint Analysis Report prepared by Crick-Smith, dated 12.08.2020;
- Penguard Express MIO Application Guide by Jotun, dated 02.10.2017;
- Penguard Express MIO Technical Data Sheet by Jotun, dated 22.03.2021;
- Hardtop Optima Application Guide by Jotun, dated 21.07.2021;
- Hardtop Optima Technical Data Sheet by Jotun, dated 24.10.2023;

- Penguard HSP ZP Application Guide by Jotun, dated 14.09.2016;
- Penguard HSP ZP Technical Data Sheet by Jotun, dated 19.04.2021;
- Restoration Specification (Ref: 9488RS) by Buttress Architects, dated 01.09.2024; and,
- Photograph of Paint Sample.

This application to partially discharge Condition 3 and fully discharge Condition 8b has been submitted online via the Planning Portal (reference: PP-13244868).

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](mailto:escrafton@deloitte.co.uk) / 0161 455 8598) if you have any questions or require any further information.

Yours sincerely

A handwritten signature in black ink that reads "Deloitte LLP". The signature is written in a cursive, slightly stylized font.

**Deloitte LLP**