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6 February 2020

F.A.O David Brettell
Manchester City Council
Planning and Development
PO Box 532
Town Hall
Manchester
M60 2LA

Dear David,

Science and Industry Museum
Application for Discharge of Conditions - Listed Building Consent 122773/LO/2019

Please find enclosed an application for the discharge of Condition 4ai and 4aii attached to Listed Building Consent 122773/LO/2019 relating to alterations to the basement of the Grade II Listed New Warehouse within the Science and Industry Museum complex, to create a new Special Exhibitions Gallery. The Applicant is The Science Museum Group.

For clarity, the description of development for Listed Building Consent 122773/LO/2019 is as follows:

"Listed building consent for alterations to the Science and Industry Museum New Warehouse building and Colonnaded Viaduct including internal and external alterations to create a new Special Exhibitions Gallery and associated access, hard landscaping, lighting and other associated works."

The proposed cleaning methods:

The DOFF / ThermaTech is a brand-new range of superheated water cleaning equipment. Conceived for the requirements of building conservation, restoration and refurbishment, this system is highly effective for removing surface soiling, grease, oil and organic matter from a wide range of substrates.

The DOFF / ThermaTech cleaning system reduces reliance on chemicals, and boosts the performance of milder agents. It also uses less water than conventional hot and cold-water pressure washers. The DOFF / ThermaTech cleaning system will be used on all areas. Where the initial DOFF / ThermaTech clean is not sufficient, it is proposed to follow with the JOS cleaning system.

The JOS cleaning system uses selected abrasives, carried by a flow of compressed air to a nozzle at which water is added. The air, abrasive and water combine in a vortex and exit the nozzle through a tapered ceramic sleeve. It is envisaged that the JOS cleaning method will only be required in small areas. However, before the JOS method is used, a small sample area will be cleaned first to ensure the cleaning method is safe and does not damage the listed fabric.

Stone Central, who will be completing the cleaning works have vast experience cleaning listed fabric using these methods. Photographic examples of the cleaning being carried out by Stone Central is included within the submission.

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The table below confirms the documents submitted in support of this application for Discharge of Conditions:

No.	Condition Wording	Submission Document(s)
Listed Building Consent 122773/LO/2019		
4ai	a) Detailed method statements for works to historic fabric shall be submitted to and approved in writing by the City Council as Local Planning Authority prior to works commencing in the relevant area, as follows: i) Brickwork cleaning and repair	**Cleaning:** Stone work cleaning method statements prepared by Stone Central: • DOFF / ThermaTech Cleaning system • JOS Cleaning System • Photographic examples of cleaning for JOS method. • Description of works for cleaning methods **Repair:** Proposed brickwork repairs will be in the form for like-for-like repointing. However, the full condition of the brick will be assessed once the cleaning has taken place. If further brickwork repair is considered necessary, other than like-for-like repointing, further details of this repair will be submitted to the Local Planning Authority through a further condition discharge application for their consideration.
4aii	a) Detailed method statements for works to historic fabric shall be submitted to and approved in writing by the City Council as Local Planning Authority prior to works commencing in the relevant area, as follows: ii) Metal cleaning and repair	**Cleaning:** Stone work cleaning method statements prepared by Stone Central: • DOFF / Thermatech Cleaning system (to be used to clean the worst areas of metal work) • JOS Cleaning System • Description of works for cleaning methods • Photographic examples of cleaning for JOS method. **Repair:** It is not envisaged that any metal work repairs will be required. However, once the cleaning has been carried out, should any metal work repair be considered, all details and methodologies will be submitted to the Local Planning Authority for their consideration.

Application Documentation

The application has been submitted through the Planning Portal, and comprises of the following documents:

- Application Form for the discharge of conditions;
- The items listed in the table above.

There is no application fee for the discharge of conditions attached to a Listed Building Consent application.

We request the Local Planning Authority's express written consent that the enclosed information is sufficient to allow the formal discharge of the conditions outlined above.

If you require any further details, please do not hesitate to contact me or my colleague Hannah Shine (0161 455 8014 / hshine@deloitte.co.uk).

Yours sincerely,



Laura Feekins
For Deloitte LLP