

Manchester Art Gallery



Athenaeum Basement [Ref: 141639/JO/2024]
Discharge of Condition 6 (High Level Vents)
February 2025



Version history

Project name: Manchester Art Gallery
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Rev:	Date:	Status	Name	Description
P01	Dec 24	For discharge of conditions	Hannah Bellerby Architect	First Issue
P02	Feb 25	For discharge of conditions	Hannah Bellerby Senior Architect	Updated application ref.

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Manchester Studio + Registered Office

Buttress Architects Ltd.
41 Bengal St.
Manchester
M4 6AF

T: 0161 236 3303
www.buttress.net

Leeds Studio

Buttress Architects Ltd.
Clockwise, Yorkshire House, Greek St.
Leeds
LS1 5SH

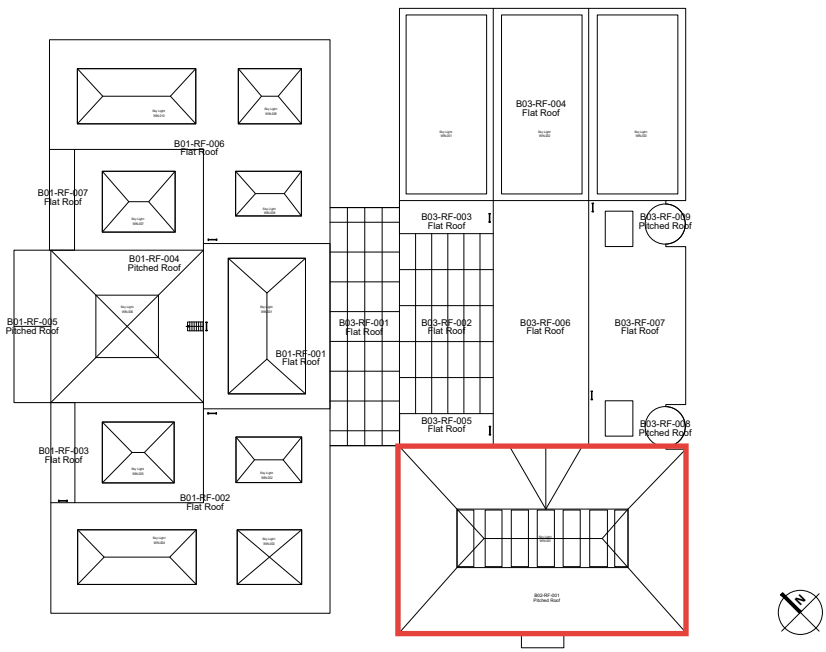
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www.buttress.net

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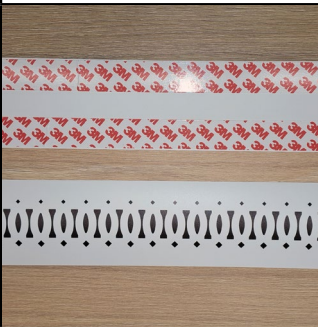
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Location Plan



1.0 Schedule of Submitted Material Samples

No.	Item	Material and Finish	Photograph	Submitted to	Relevant dates	Comments / Feedback
1	High level vent covers to downstand beams	Printed Vinyl, self adhesive		Michael Pearson [Planning Officer] & Paul Mason [Conservation Officer] Manchester City Council	Meeting on site to review samples 16/12/24	Grille cover accepted.
2	High level vent covers to downstand beams, installed in-situ	Printed Vinyl, self adhesive		Michael Pearson [Planning Officer] & Paul Mason [Conservation Officer] Manchester City Council	Reviewed on site 05/02/25	Sample accepted.

2.0 Methodology for Installation of Draught Proofing to High Level Vents

The west side of the store [B02-B2-003] features decorative downstand beams to the perimeters and centre of the room, framing flat lath and plaster ceilings in-between. The downstands are constructed of timber with a plaster cornice and decorative metal grille to the vertical sections. Investigations were undertaken to the void within these beams as part of the detailed design to determine if any external air flow could be detected, and none was found. The voids were found to contain redundant heating pipes, it is therefore believed the vents formed part of an old heating system for the building. In order to reduce infiltration of unconditioned air from the spaces above into the new environmentally controlled art store it is proposed to cover the vertical metal grilles.

The metal grilles are delicate and feature a series of narrow apertures, some of which have been infilled due to overpainting.

Preparation works

- Ensure all sections of the grille are firmly fixed back to the substrate.
- Remove any obvious loose / flaking existing paint from the surface by carefully sanding with a fine grade sandpaper.
- Clean the surface of the grilles with a sugar soap solution to remove any dirt and grease.
- Ensure the surface of the grilles is thoroughly dried before application of covers.

Application

- Peel back the covers to the rear of vinyl to expose the self adhesive strips, and firmly adhere the vinyl over the existing vents.



Figure 1 Photograph of the existing metal grilles to the downstand beams

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