1830 Warehouse Ventilation

Summary of proposals

Whilst work is being carried out on the New Warehouse, the museum has relocated their staff offices to the 1830 Warehouse mezzanine.

To accommodate the staff and provide a comfortable working environment it is proposed to implement a temporary ventilation strategy due to the lack of existing provisions.

The project entails integrating louvres into two pre-existing window frames on the North elevation, with sealant to be applied to the external self-flanges where the plenums butt up against the window frames. The windows will remain open, with anti-bird nest spikes positioned along the bottom of the plenum. Additionally, bird mesh will be installed in the spigot connection, and an in-line filter cassette will be included on the supply leg to prevent insect ingress. Access doors will be added to the back of the plenums to facilitate opening and closing of the windows.

Please refer to drawings for detailed proposals: **9488 - V (01) 000 - Location Plan, 9488 - V (01) 001 - Site Plan as Existing** and **9488 - V (04) 007 - 1830s Warehouse Mezzanine Floor Plan Ventilation Details as Proposed**

Heritage Impact Assessment

The proposed installation will have no external visual impact on the asset due to the confined and small scale of the proposal. The ventilation boxes will not be readily visible from the exterior, obscured by the existing bars on the openings.

There will be some minor impact on the interior appearance of the spaces in which the ventilation will be fitted, as the existing openings will be obscured by the new Plenum Boxes. This impact will only be temporary and is not considered to pose any harm to the overall character or significance of the asset as it is currently understood.

The removal of the existing casement to allow for the installation of the box will not result in any damage to historic fabric. The existing window fitting is presumed to be a later addition and is not original to the building. Only the hinged casement will be removed, protected and stored in a safe location for reinstatement post-removal of vent units, with the existing frame left in place throughout the process. This will result in negligible impacts on the fabric and significance of the asset.

Where sealant may be used to fix the box in place, this will be reversible and will result in no permanent damage to the fabric in the opening, in line with the approved methodology and specification used elsewhere in the warehouse.

Overall, there will be **no harm** to the significance or fabric of the asset as a result of the installation of the Plenum Boxes. The proposed intervention is temporary, and fully reversible and will result in no permanent damage to the asset.

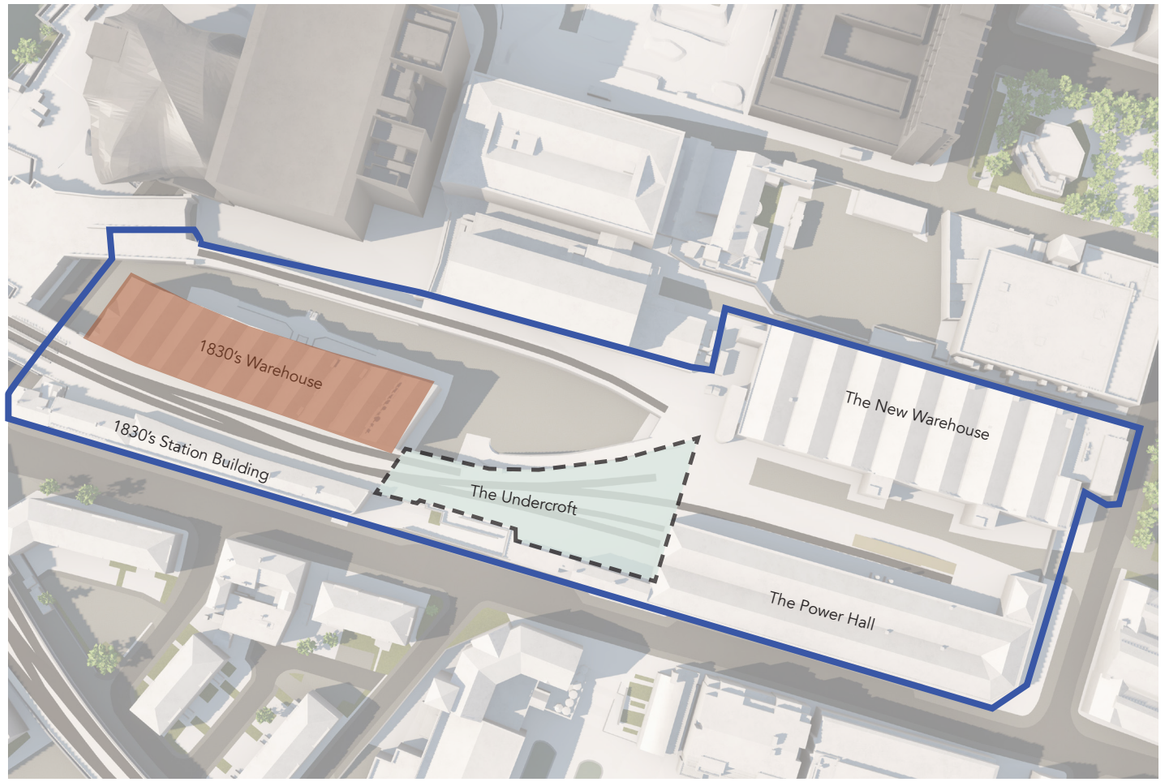
This has been carried out in line with the methodology used in the Heritage Impact Assessment that accompanies the main application and is proportional to the scale of the proposed intervention in this instance.



View of one of the windows internally



1830 Warehouse North Elevation



Site Location

SIM Ownership Boundary

1830 Warehouse