

**Leverton Stores**  
**50 Leverton Street NW5**

Design and Access Statement

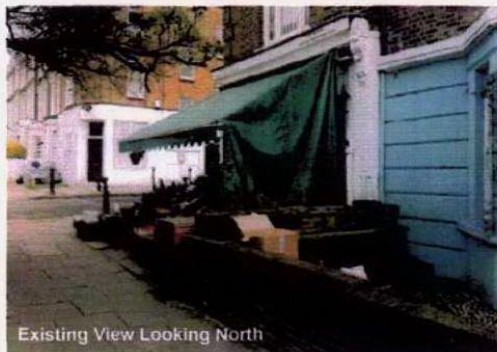
18 May 2011

## **Introduction**

The purpose of this report is to explain the design rationale leading to the proposed construction of a refrigeration plant enclosure in the yard area of Leverton Stores, 50 Leverton Street NW5

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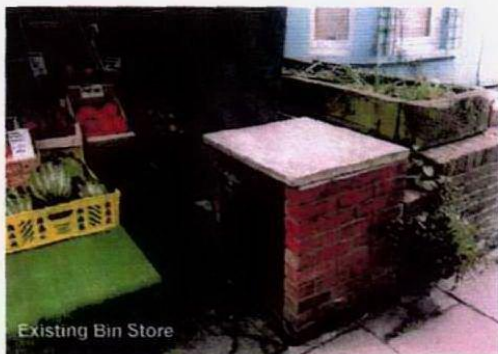


### Design Requirements

The proposed refrigeration plant enclosure is required to provide visual and acoustic screening for a compressor unit which provides cooling to a refrigerated display unit located within Levensham Stores.

The size and type compressor unit have been matched to the display unit and the specification of this unit and its acoustic performance have been taken into account in the proposed design

A separate acoustic report provides an assessment of the overall acoustic performance of the proposed equipment. The compressor unit requires access to fresh air, and for this reason ventilation slats are required as part of the proposed design



### Layout

The proposed refrigeration plant enclosure is located adjacent to an existing brick bin store in the front yard of Leverton Stores (left). It is proposed to copy the design of the existing bin store to provide an enclosure with a clear internal width of 1500mm and a height to match the bin store. Access will be provided by a pair of slatted doors to the front.

### Materials and Finishes

Brickwork will be to match the existing bin store but with the whole assembly soot-washed to bring the overall colour closer to the colour of the adjacent garden wall.

Doors will be vertically slatted timber and painted black to create the appearance of a garden structure rather than an industrial housing.



Existing View

### Existing and Proposed Views

The upper view (left) indicates the existing layout of the permanent structures in the front yard, with the metalwork fruit and vegetable display rack removed for clarity.

The lower view (left) indicates the additional refrigeration plant enclosure in place



Proposed View

Proposed Refrigeration Plant Enclosure

Existing Bin Store

### Conclusion

The proposed design represents the optimum solution as it provides the required visual and acoustic screening, meets the technical requirements of the refrigeration equipment, and is constructed in materials and finishes which are appropriate to the setting of Leverton Street