# DESIGN AND ACCESS STATEMENT

INSTALLED 1 OFF ROOF TOP PLANT FOR
58 – 66 MARKET STREET, MANCHESTER, M1 1PW

archer architects

## Introduction

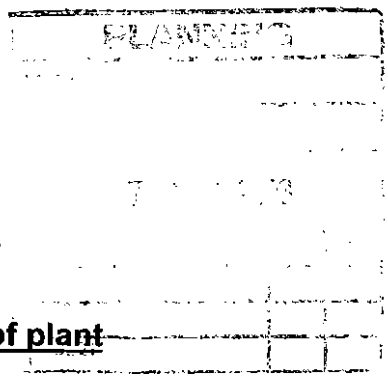
This design and access statement has been produced in conjunction with CABE's guidelines 2006 for design and access statements. It has been prepared by Archer Architects as a requirement for the condenser unit installed onto flat roof for Tesco Metro Retail Outlet

**The aim of this statement to provide the following information:**

- To highlight the various consultants involved with the proposed development.
- To assess the design in respect of the Physical, Social, Economic and Planning Policy context.
- To provide a description of the mounted plant order to highlight the measures in place for reducing levels of noise transference.
- To provide details regarding the design and operation of the plant for the purpose of identifying the levels of noise output and noise transference during both daytime and evening hours.

Listed below is supporting information that should be read in conjunction with this statement;

**P100** Site Location Plan @ scale 1:1250
**P203** Proposed plant locations @ Scale 1:100
Acoustic report



## 1) Parties involved

The Project Manager
The Architect (Archer Architects)
The Services consultant / surveyor **Sharpes Redmore Partnership.**

## 2) Description of the site and the proposed location of plant

Installed mechanical plant at 58 – 66 Market Street, Manchester, M1 1PW.

The target building is used for retail purposes.

## 3) Air conditioning units and condenser plant area

This particular statement involves an installed mechanical plant onto flat roof at the Manchester Metro store.
Listed below are details of supporting information that should be read in conjunction with this statement;
P100 site location Plan
P203 Roof plant
Acoustic report

## 4) Noise impact and description of proposed plant

A noise and environmental impact assessment will be undertaken by the **Sharps Redmore Partnership** to evaluate the potential impact on local amenities in terms of noise from the installation of these conditioning units

This survey was undertaken strictly in accordance with British Standard **4142:1997**

**Plant description:**

The installed mechanical plant is:

- **1 x 1080 long x 455 wide x 580 high** single fan external condenser

See acoustics report for further information.

**Details of plant zone:**

For location details for the proposed plants refer to drawing P203.

Mounting this plant on an open roof area also provides these units with maximum air circulation in order to operate more efficiently.

The plant is situated on a flat roof and is surrounded by low level walls and roofs.

**Access to plant area**

24 hr Access to this plant is to be provided modular unit on roof.

The ducting for this plant is to be via appropriate internal service risers provided by the developer.

## 5) Conclusion

See by **Sharps Redmore Partnership** acoustic report.