



Paul Butler Associates

Planning, Development & Heritage Consultants

28 January 2022

Mrs Julie Roscoe
Head of Planning
Planning Department
Manchester City Council
PO Box 532
Town Hall Extension
Manchester
M60 2LA

21.1679

Dear Julie,

Shudehill Interchange, Manchester, M4 2AF

**Application for a Lawful Development Certificate for a proposed Air Source Heat Pump System:
Town and Country Planning Act 1990: Section 192, as amended by section 10 of the Planning and
Compensation Act 1991**

Introduction

On behalf of my client, Jamieson Contracting, please find attached an application for a Lawful Development Certificate to confirm the proposed installation of an Air Source Heat Pump system at Shudehill Interchange, Manchester, M4 2AF is lawful and does not require a planning application to be submitted for the proposed works.

Site Location

Shudehill Interchange is located within Manchester City Centre and is situated on the north west side of Shudehill. The Interchange provides bus, coach and Metrolink services as well as a multi-storey car park which is accessed from Hanover Street to the north. The building was constructed in 2006. It is seven storeys in height and is characterised by translucent glazed panels. The building is located within the Shudehill Conservation Area but is not nationally listed. Uses in the vicinity of the site are varied which reflect the City Centre location and include shops, cafes, pubs, offices, and apartments within new and converted buildings.

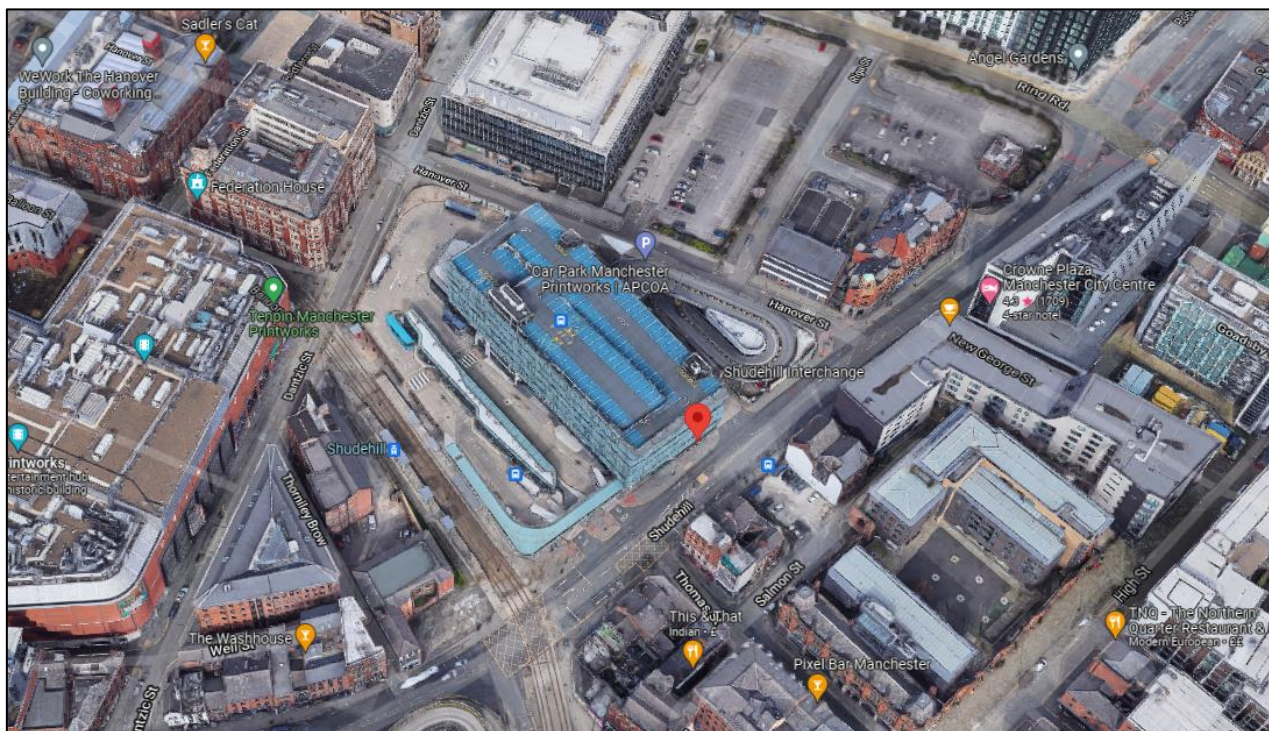


Figure 1: Aerial view of Shudehill Interchange and the surrounding environment.

The Context

Funding has been secured by Transport for Greater Manchester (TfGM) to install small scale renewable energy generation technologies across their portfolio. The application proposal is one such site in Greater Manchester which is proposed to be fitted out with air source heat pump technology. The proposals will contribute to the national aim of achieving net zero carbon by 2050.

The Proposals

As part of the public sector decarbonisation scheme, TfGM are seeking to decarbonise their heating system by introducing energy efficiency improvements within their facilities. The driver for these works is maximising long term carbon savings for the site and the project involves retrofitting an Air Source Heat Pump system into the existing heating systems at Shudehill Interchange.

The heat pump and the system integration are designed so as to maximise annual efficiency and maximise annual running hours. The proposed pump will be located within an existing plant space within the building. The system will discharge clean cold air via existing louvres. No external alterations are necessary and no existing equipment would be displaced externally.

The design and installation shall comply with the latest UK Building Regulations and the latest European and UK standards.

Planning Appraisal

The existing building is a transport interchange. The proposed works include the installation of an Air Source Heat Pump system comprising one heat pump which will be retrofitted into the existing heating systems of the building to deliver carbon savings for the Interchange. The works do not constitute a material change of use and will take place internally within building. They do not involve any exterior changes to the building envelope. Planning permission is judged not to be required.

The Submission

The following information has been submitted in support of the application:

- Completed Application Form prepared by Paul Butler Associates.
- Covering letter prepared by Paul Butler Associates.
- Drawing SHUDE1002-TGM-MW-XX-N-PLA-0003 Rev P1 'Site Location'.
- Drawing SHUDE1002-TGM-01-01-DR-M-0003 Rev B 'Proposed Plant Room Layout'.
- Technical Specification (FOCS-N /LN-CA 2622).

The application fee £231 will be paid shortly after submission by Jamieson Contracting. I look forward to receiving confirmation that this application has been registered. In the meantime, if you require any further information please do not hesitate to get in touch.

Yours sincerely



Ralph Taylor BSc. MPLAN MRTPI
Principal Planner