DESIGN & ACCESS STATEMENT

Project: Installation of a Supply and Extract Air Handling Unit and Ventilation System

At South Tyneside District Hospital, Harton Lane, South Shields, NE34 0PL

Client: South Tyneside District Hospital
Job Ref: 2179
Date: December 2021
Issue: 1st issue
Revision:

1. Type of Application

This is a Full Planning application for Building or Engineering operations only.

2. Location of Proposed Development

South Tyneside District Hospital,
Harton Lane,
South Shields,
NE34 0PL

3. Description of Proposed Development

Installation of a Supply and Extract Air Handling Unit and Ventilation System on the roof of the CT Scanner Unit Department.

4. Date of Preparation

7th December 2021

5. Date of any Amendments

Not applicable

6. Applicant

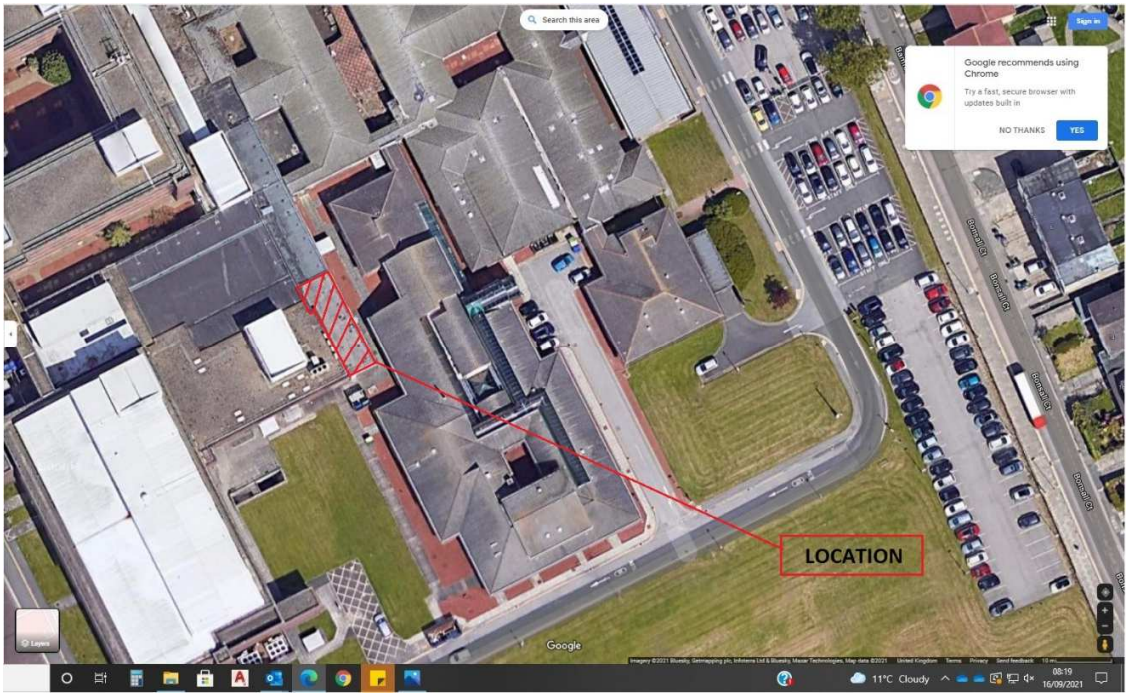
South Tyneside District Hospital,
Harton Lane,
South Shields,
NE34 0PL

7. Agent

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8. Assessing the Context of the Site



Location of Proposed Air Handling Units

Assessment-

This application is to seek permission for the addition of an Air Handling Unit and ventilation ducting system fixed on the flat roof of the CT Scanner Unit Department.

It is intended that the units will be installed as part of the refurbishment and upgrading works of the existing air conditioning system to bring it up to current standards. The work will involve the decommissioning and strip out of the existing AC units prior to installation of the new system. We have also included the specification information of the air handling units proposed to be installed in a metal container unit on the roof.

They are one of the quietest models available and the sound pressure levels are designed to fit within the required levels and the units are fitted with a number of attenuators which automatically reduces the operation of sounds of the units during night and day time.

Full details are provided in the supporting planning documents. Noise impact levels are included on the proposed drawings

The air handling units will be housed in a large metal container unit measuring 6.895m long x 2.025m high fixed onto the existing flat roof on 300mm high metal legs. Total height of the unit including the ducting will be approx. 3m high measured from the top of the flat roof. Because of the existing 1.040m high parapet wall around the perimeter of the flat roof only 2m of the installation would be visible.

The unit will be positioned along the centre line of the flat roof to allow access for future servicing and maintenance. Photos of the existing flat roof are attached.

The ventilation system is an essential upgrade for the building hosting the CT Scanner Department and will not be visible from the main front elevation of the hospital as the roof is surrounded by other buildings and there will be no detrimental impact upon amenity