7th October 2022
c-2155-3.1/- Southlands CDC D&A Statement V2

Design and Access Statement – Southlands Community Diagnostic Centre, External Plant.

1. Site Background

Southlands Hospital is located in Shoreham by Sea, south of the A27 with local facilities such as the Holmbush shopping area within close proximity.

The site is surrounded on all sides by residential streets but with a fair degree of separation from the houses to the North and East.

The site is linked to the local transport network with good access to the A27 and regular bus services serving the hospital site and the local Holmbush retail area. There is a bus stop directly outside the hospital on Hammy Lane, with Shoreham and Southwick Train Stations both within 1.5 miles of the Hospital. The site has car parking around its perimeter along with 3 separate dedicated parking areas for patients and staff, including dedicated disabled spaces close to the primary entrances to the hospital.

2. The Proposal

As part of an internal refurbishment scheme to create a new Community Diagnostic Centre (CDC) it is proposed to provide a new single storey plant enclosure within the existing courtyard space to the east of the two storey CDC and Day Surgery block. This new enclosure will house a new air handing unit and associated plant to provide ventilation services to the newly refurbished in ternal areas, the Gross internal area of the new steel-clad plant enclosure building will be 123m².

As seen on the elevations, provided as part of this application, this enclosure will be concealed on all sides by the surrounding single and 2 storey buildings although slightly higher than the lowest single storey roof.

The extension is proposed to be joined to the existing hospital building along its west side to allow the connection of plant into the internal areas. There will also be some minor alterations to the external works to provide service access and maintain fire escapes form the existing buildings.

This new application is as a replacement for the recently approved application, AWDM/1122/22, for a two storey extension of a similar footprint located in the same courtyard area.

Constructionline
Part of Capita plc
ISO 9001 REGISTERED FIRM

3. Appearance

The proposed new extension will be formed from a lightweight steel frame clad with profiled metal cladding to both the walls and the roof. It is proposed that the colour would be a dark Grey (anthracite) to match the other roof top plant enclosures on site.

The height of the new building will be a similar height to the single storey gym building and slightly higher than the rest of the single storey flat roof area which has many projections for roof lights and plant rooms.

4. Accessibility.

The access to the new plant room will via a new ramped pathway accessed from the loading bay area at the southern end of the hospital buildings.

5. Sustainability:

The new plant will provide ventilation to the new area assisted in its heating and cooling by a new air source heat pump located at the southern end of the refurbishment area.

6. Acoustics

The Enclosure to the plant and in-built attenuation will limit noise breakout from this plant area to the surrounding hospital buildings and due to its enclosure in the courtyard space there is no impact on the residential neighbours on Hammy Lane and Crown Road. An acoustic report is issued as part of this application.