

DESIGN AND ACCESS STATEMENT

Boiler House Alteration at Barnsley Hospital NHS Foundation Trust

Barnsley Hospital

Gawber Road

Barnsley

S75 2EP

PRODUCED IN SUPPORT OF PLANNING APPLICATION

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1 Background



The trust as part of their continuing refurbishment and upgrading projects are looking at replacing their oldest set of boilers with a new boiler and a CHP generator. This is part of the trusts drive to create a more energy sustainable site.

2 Design Statement

2.1 Use of the Boiler House

The direct use of the boiler house is to maintain and house the existing boilers; minor works are required to the existing facade in order to create the correct air flow for an efficient burning. A small stainless steel platform is to be constructed on the roof to house low noise generating compressors. Two stainless steel chimneys with central support mast are to be erected to a height of 15m next to the existing concrete chimney. A new transform and small scale oil storage tanks are to be constructed next to the new chimneys.

2.2 Size of the stainless steel platform

The compressors will be housed on a steel platform which sits on top of the existing roof, the height of this roof is around 6 meters the compressors will stand a further 1.8m above this platform.

2.3 Size of the new chimneys

The new stainless steel chimney will be housed on a concrete base and will stand circa 15m above the ground. This is around the same height as the majority of the existing building. From the main south east elevation these will just show over the top of the existing roof line

2.4 Alterations to the facade

The existing south east facade is been altered by removing two of the wriggly fin bays and replacing them with louvered bays with stainless steel doors. New louvers are been installed on the south west facade and cat access ladder is been installed to allow access to the stainless steel platform.

2.5 Landscaping around the entrance

The landscape around the site will remain the same, Bordering the hospital boundary is a series of mature evergreen trees which serve to block off the view of the boiler house from the residential area.

2.6 Appearance of the extension

The alterations to the facade and the new chimneys are aiming to be unobtrusive, the finished colour of the new sections of facade will be goose wing grey to match the existing facades.

3 Access Statement

3.1 Access Policy

It is County Council policy that all development is of inclusive design and would not create environmental barriers to employment, services, education or public transport. Therefore, all design would be informed by Approved Document M (2004), BS8300 and accredited service specific guidance.

3.2 Access to the Site

The approach to the site has adequate surface widths and the gradient of the approach is in accordance with the Approved Document to Part M (2004).

The existing designated parking spaces are sited as close as possible to the principal entrance on firm and level ground. Their dimensions are in accordance with the Approved Document to Part M (2004).

There is adequate room around the boiler house to allow for delivery off goods and maintenance vehicles.