

DESIGN & ACCESS STATEMENT

**PROPOSED INSTALLATION OF 2NO. COMPRESSOR UNITS & GRP
ENCLOSURES ON EXISTING FLAT ROOF**

AT

**BARNSELY DISTRICT GENERAL HOSPITAL
GAWBER ROAD
OLD TOWN
BARNSELY
S75 2EP**

FOR

BARNSELY HOSPITAL NHS FOUNDATION TRUST



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INTRODUCTION

This Design and Access Statement has been prepared in support of a full planning application by Barnsley Hospital NHS Foundation Trust for the installation of 2no. GRP enclosures for 2no. compressor units which are to be installed on top of the existing flat roof to facilitate the upgrading and replacement of existing services and plant kit for the Pathology Department below.

The scope of the full scheme comprises:

1. Internal alterations & refurbishment of existing Pathology Department at Barnsley District General Hospital.
2. Localised upgrading of mechanical and electrical services within department
3. Installation of 2no. compressor units & GRP enclosures on top of existing flat roof over Pathology Department.

The full project scope is provided to give context to the proposed works. However, it is only item 3 (2no. compressor units & GRP enclosures respectively) that this application refers to and for which full planning approval is sought.

This document forms part of a planning application pack and therefore should be read in conjunction with all drawings and any additional supporting information documentation. Enclosed drawings are indicated below:

- 903-1 Existing part flat roof plan & North East elevation
- 903-2 Proposed part flat roof plan & North East elevation
- 903-3 Proposed site location plan
- 903-4 Proposed block plan
- A3-31904-GA GRP enclosure details
- 9820637605 Compressor unit details

SITE & EXISTING BUILDING

The existing flat roof where the compressors & enclosures are to be sited over the Pathology Department within the Main Podium Block, and the recently installed steel access stair is located to the North East elevation of this same block. No works are proposed to the envelope of the existing building, other than service penetrations through the flat roof from the compressors to the plant in the Pathology Department below.

Vertical access to the flat roof is served by the recently installed steel staircase from ground floor footpath and then horizontally from the staircase roof exit point across the flat roof which has permanent Kee-Klamp balustrade edge protection to all perimeters.

THE PROPOSAL

The proposal comprises the installation of 2no. compressors and the installation of a GRP enclosure to each of the compressors. The enclosures are to be sited on in-situ reinforced concrete stepped plinths. The GRP enclosure walls & roof are to be colour: GREY 10 A 05. The powder coated aluminium ventilation louvres to the walls are to be colour: GREY 10 A 05.

Each enclosure is to have external dimensions: 2800d x 3000w x 2800h and a footprint area of 8.4 sq. m.

ACCESS

During the works, parking spaces local to the sites will be temporarily utilised to allow contractor set up and craning. The perimeter walkway to the building at the recently installed staircase site will be locally hoarded off for public and staff safety. Access to the sites will be via the existing hospital roads.

Access to the proposed compressors & GRP enclosures will be, from roof level, via the recently installed steel staircase.

CONCLUSION

The Pathology Department is currently undertaking internal alteration & refurbishment works as part of the works the existing services and plant machinery within the Pathology Department are also scheduled for upgrading/replacement. To facilitate this, the 2no. additional compressors and their GRP enclosures are required to be installed.

The GRP enclosures are designed to aesthetically match the existing roofscape. This is a small project that will improve the functioning of Barnsley Hospital whilst having little aesthetic impact on the external elevations.

PHOTOGRAPHS



View of North East Elevation – Western End



View of North East Elevation - Centre



View of North East Elevation – Eastern End



View of North East Elevation From The East



View of North East Elevation From West



View of Proposed Site Looking South



View of Proposed Site Looking East

