

Design and Access Statement  
Barnsley Hospital Education Centre

Barnsley Hospital NHS Foundation Trust

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## Appendix A Existing Site Photographs

## 1. Introduction

This report is to provide an overview of the site constraints, functional requirements and design approach which has led to the final design submitted for planning approval.

The proposal is for a single storey extension to the existing building to provide an additional floor area of 80m<sup>2</sup> to provide an increase in the amount of useable educational space and aims to improve the overall experience of the building's occupants.

## 2. Client Requirements

### 2.1 Site Context

Barnsley Hospital has origins dating back to the 1850's. The hospital underwent a major redevelopment in 1977 and most of the buildings currently on site date from around that time. The facility became known as Barnsley Hospital in 2005 having previously been known as Barnsley District General Hospital.

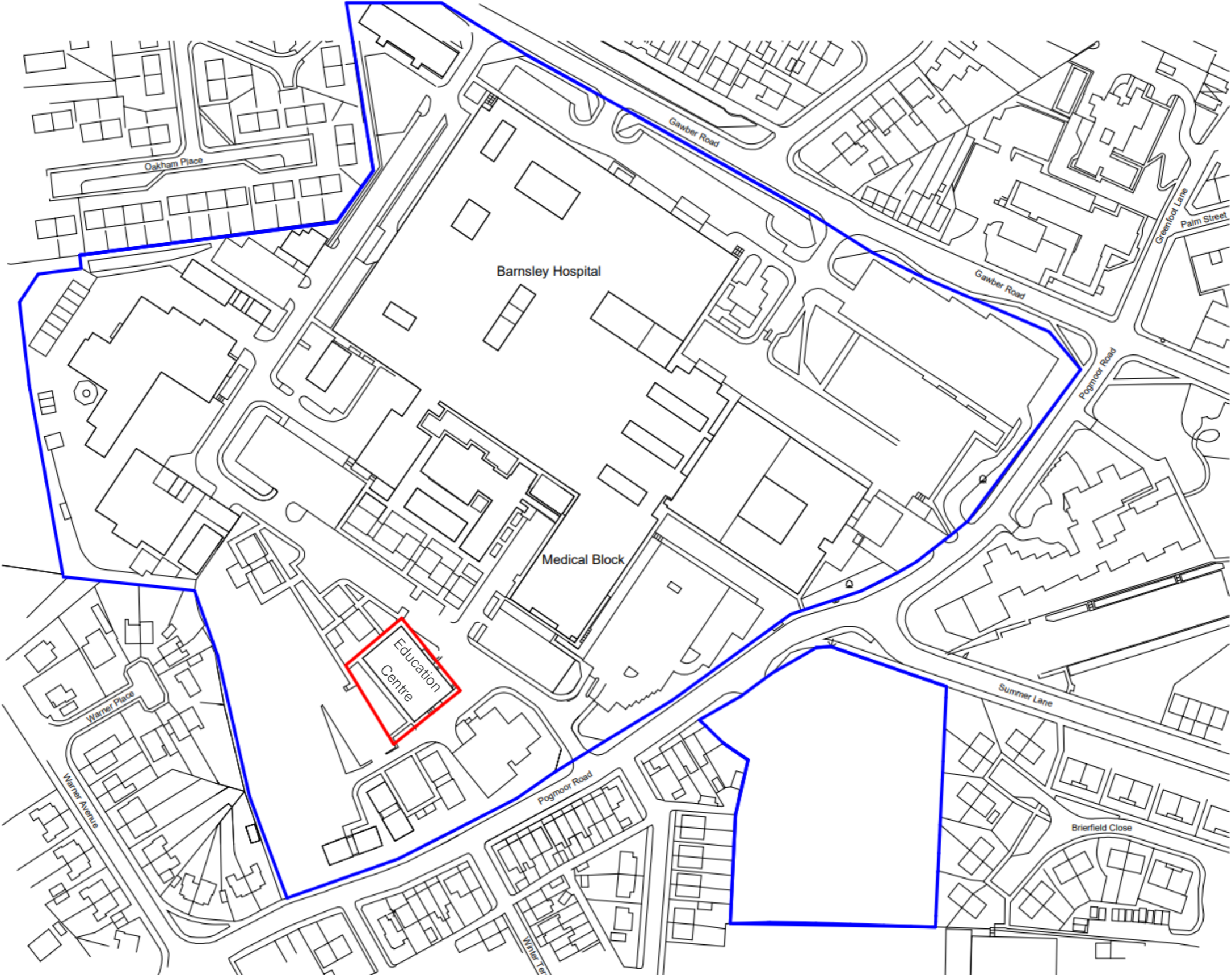
Barnsley Hospital provides a range of services to the local community and surrounding area. These include accident and emergency services, outpatient clinics, inpatient services, and maternity and children's services. The Hospital also provides a number of specialised services, including cancer and surgical services, in conjunction with Sheffield Teaching Hospitals.

The Education Centre was constructed in the 1970's. The education centre is used in the training of staff and holds an on-site library with training literature and facilities which are available to all staff, students on placement at the Trust, and volunteers.

There are also lecture theatres, staff offices and training rooms. The proposed extension forms part of a wider scheme of works to refurbish the interior of the building to meet modern standards.

2.2 Site Location

Barnsley Hospital is located on Gawber Road to the north-west of Barnsley town centre. The Education Centre is located to the south west of Barnsley hospital.



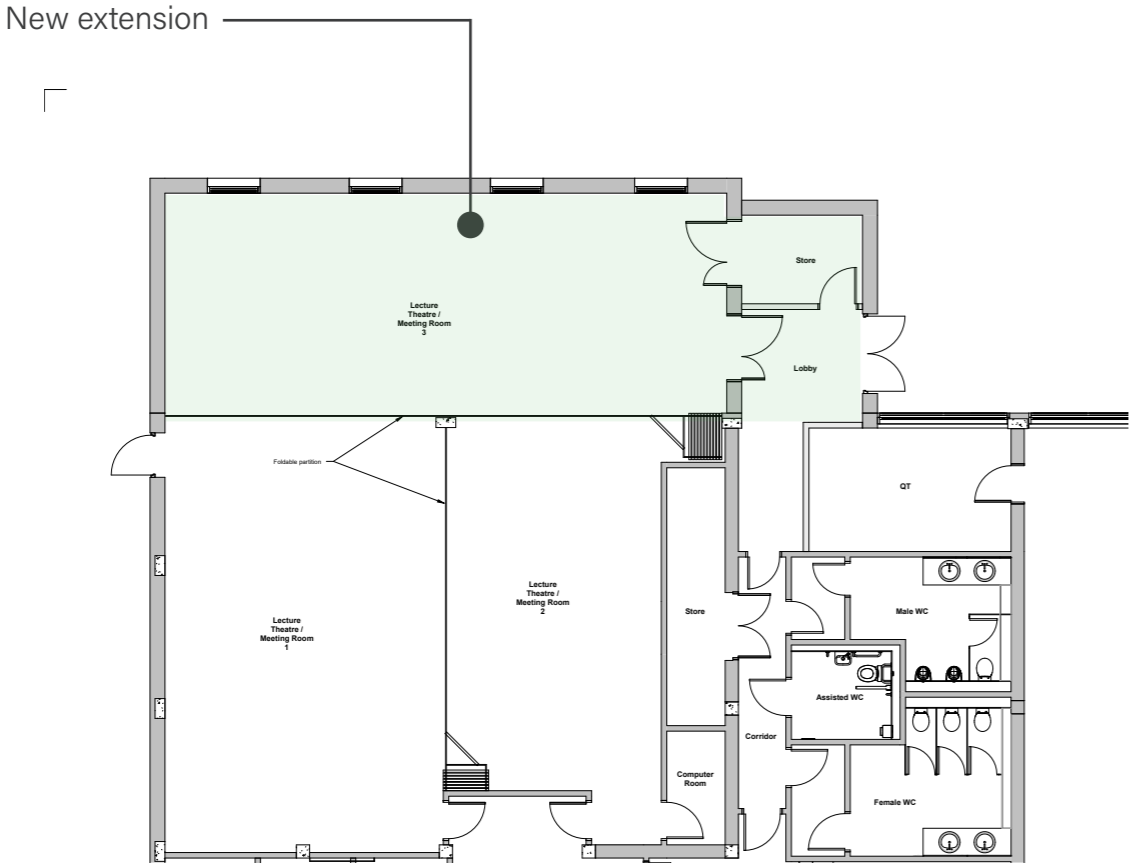
### 2.3 The Need for Expansion

The existing Education Centre is used continuously throughout the year with a large range of occupants attending the building for multiple reasons. The new extension will add an extra lecture theatre space, whilst also expanding the existing lecture hall. The new extension allows the space to be used multi-functionally, due to the addition of new foldable partitions which can divide the space as needed based on its intended use. The extension increases the overall capacity of the ground floor lecture theatre by 64m<sup>2</sup>.

## 3. Design

### 3.1 Space Utilisation

The ground floor extension is designed to expand the existing lecture theatre and to provide more space within for a multi-functional space. The extension also has a secondary external door which will be used as access for deliveries and a fire exit.



### 3.2 Precedent Images

The photographs below are a selection of precedent images of Cladding which have been referenced in the design development of the project.

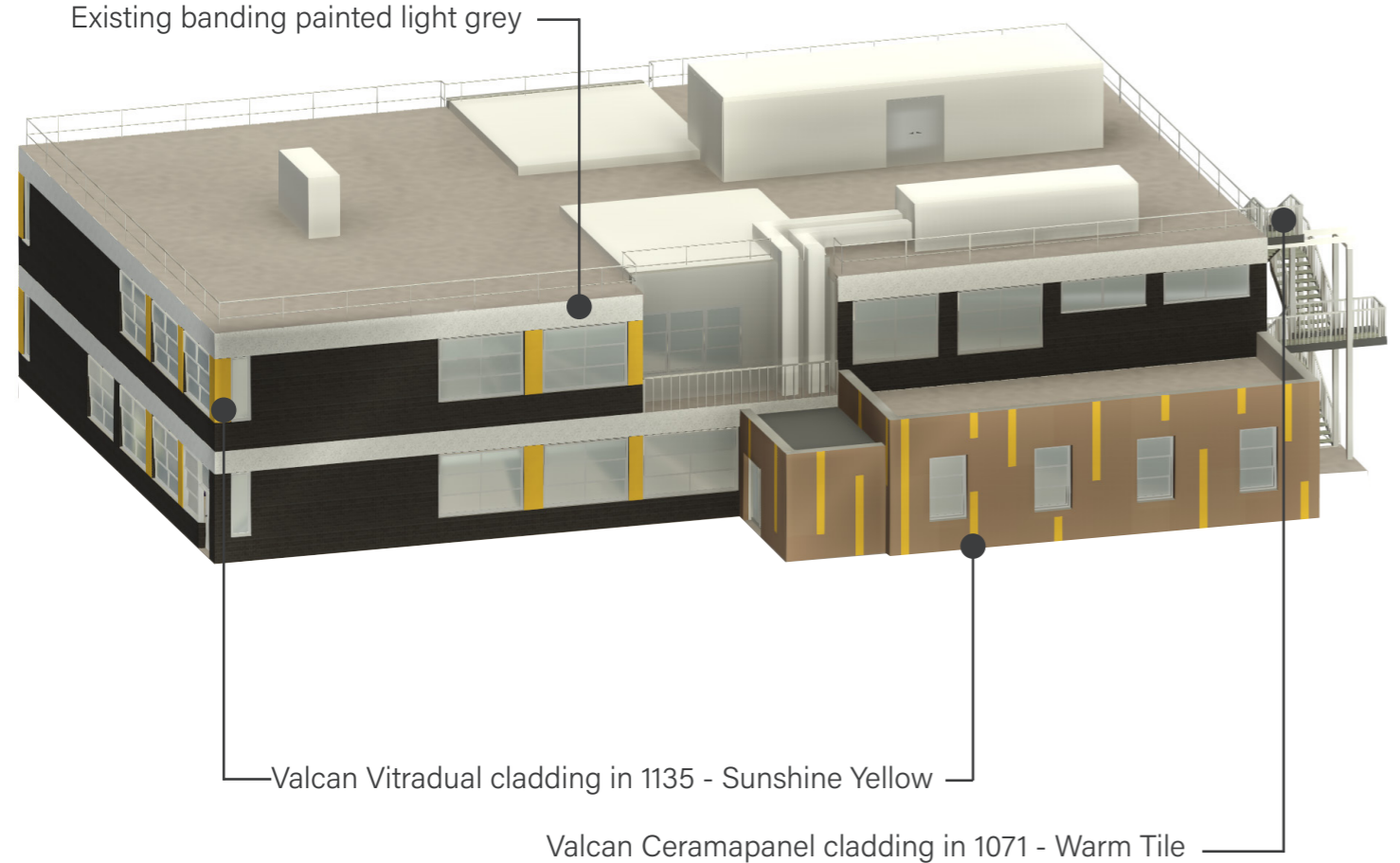


### 3.3 Design

The extension has been developed to complement the existing building. The façade of the existing building is primarily dark brown brickwork so we have selected complimentary shades of brown cladding for the new extension. To further tie the extension in with the existing building, the existing panels which sit between the windows on the existing building are to be replaced with a higher quality cladding which matches the colour of the feature cladding of the new extension. The yellow feature cladding on the extension and the existing building was chosen to brighten up the exterior of the building. The chosen shade of yellow compliments the existing and new shades of brown around the entire Education Centre building. To further brighten up the existing building, the existing pebbledash banding is painted a light grey.

The lobby of the new extension is a lower height compared to the main extension. This breaks up the elevation and gives a clear indicator of the new entrance.

### 3.4 Selected Design

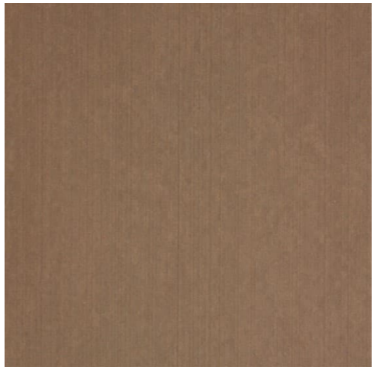


### 3.5 Cladding Materials

The cladding material selected for use on the external façades of the building is the Valcan Ceramapanel with Valcan Vitradual highlights. The products are installed as a rain-screen system over an insulated SFS framing system to ensure efficient and high-speed build. The choice of 2 contrasting cladding types ensures a modern and interesting look.

Both the Vitradual and Ceramapanel cladding system are high quality products which has been designed, manufactured as a non-combustible cladding material and is A1 rated when tested to BS EN 13501-1.

A surface fix installation is proposed for this project in the following colours: -



Ceramapanel  
1071 - Warm Tile



VitraDual  
1135 - Sunshine Yellow

## 4. Access

### 4.1 Accessibility

The ground floor of the new extension will be level access both via the external door and at connection points into the existing building. Fully accessible facilities are provided throughout the existing hospital campus.

### 4.2 Car Parking

The design proposal and location of the extension means no existing car parking spaces are lost from site. There is no requirement for additional parking to be created as part of the development as the primary reason for the project is to rationalise services and their locations on site.

## 5. Ecology and Landscaping

### 5.1 Ecology & Biodiversity Net Gain

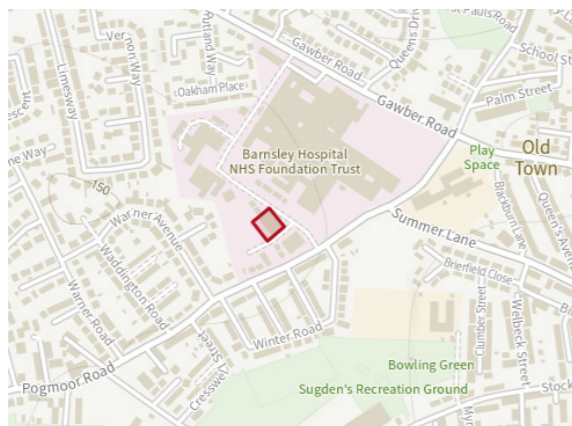
A small area of green space has been removed from the proposed development. We propose the remaining area of grass is to be enhanced to provide the necessary Biodiversity Net Gain. A completed Biodiversity metric calculation tool is included with the application.

### 5.2 Trees and Landscaping

A singular tree is to be removed to accommodate the new extension. A new tree is proposed in the area to the rear of the education centre as seen on the accompanying drawings.

### 5.3 Flood Risk

Barnsley Hospital lies within a Flood zone 1 risk zone therefore a flood risk assessment has not been produced for this development.



## 6. Sustainability

### 6.1 Aims

Barnsley Hospital NHS Foundation Trust is committed to sustainability in all of their operations including construction and maintenance of the built environment. The Trust has recently completed a site wide de-carbonisation scheme providing heat pumps across the estate and have a sustainability policy issued as part of tender documentation for Contractors to adhere to.

### 6.2 Design

The detailed design of the project will include the following: -

- » Building fabric design U-values in excess of building regulations minimums
- » Full control of heating and ventilation systems through a site wide building management system (BMS)
- » Low energy lighting incorporated throughout

Appendix A Existing Site Photographs

