

Design & Access Statement

Barnsley Hospital VIE Car park Alterations

Application Ref: PP-15045779

Introduction

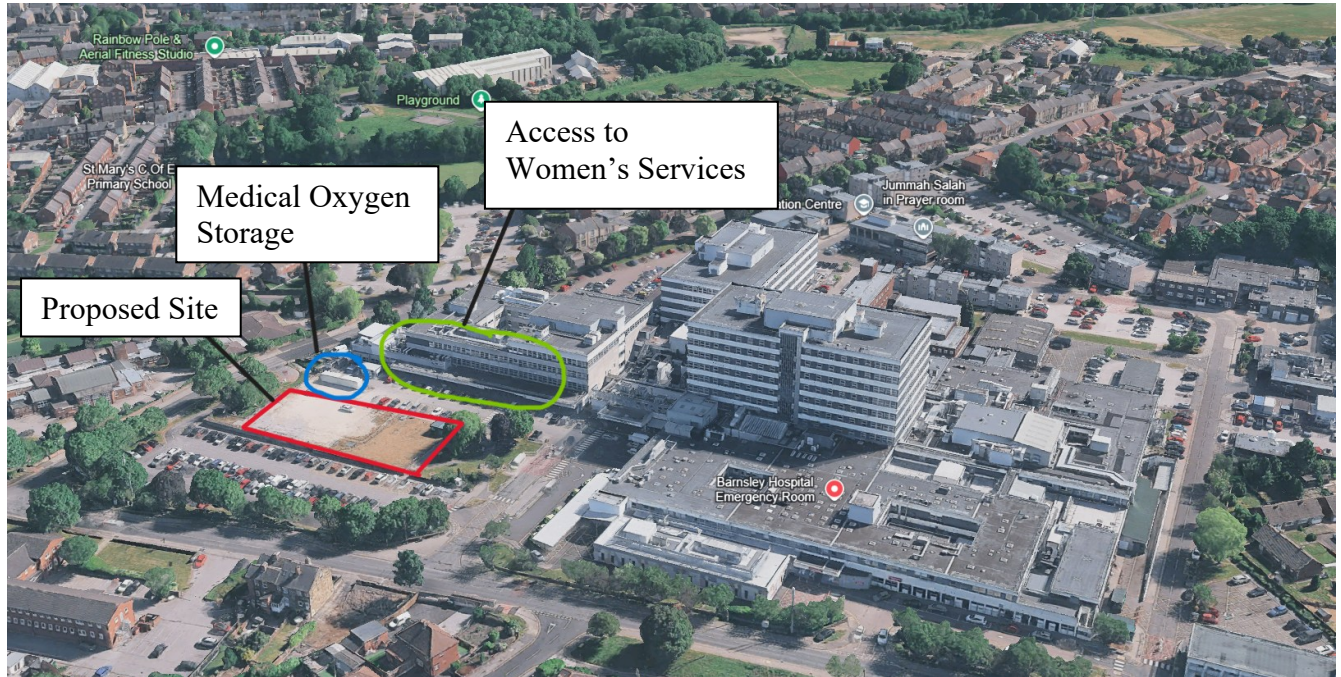
Following the recent installation of the Medical Oxygen Storage Vessel at Barnsley Hospital. The hospital trust has appointed JTP to complete the design for the existing contractor's car park.

The works will also allow for a new 313m² green space, including seating and a rain garden, providing an amenity for patients and staff to use.

There will also be a secure area which will hold 8 car park spaces and 2 site cabins. This will be contained within a 2.4m high fence and gate.

Site Location and Context





The site is directly opposite the ground floor entrance to Women's Services and is situated close to the bike shelter.



Design considerations

The site is accessed from Gawber road next to site entrance C and in between car parks number 3 and 4. The hospitals 'Women's Services' O-Block is opposite the site.

Opposite the hospital is Summer Lane Primary School, although their main entrance is located on Summer Lane adjacent Pogmoor road.

The site is approximately 1.5metres above the street level with large section of concrete retaining wall, has a small set of steps leading onto the hospital site and has three mature trees to the east and three more to the northwest of the site.

The site will house a green space, with a rain garden and seating for patients and staff to use. The site is adjacent to an existing green space, meaning these works will benefit the users, by providing more accessible rest stops for elderly and less able-bodied people. As well as a calm, sensory environment for neurodiverse people.

A mix of public and private space in this site has been thoroughly considered. To ensure a safe space is available, when necessary, the car park will include a secure area, which will feature 8 parking spaces and will be housed within 2.4m fencing and will have a gated entrance, towards the north of the site.

The way vehicles and pedestrians move through this space has been mapped, to allow for sufficient turning circles and pedestrian walkways, in working together to provide an improved, safer car park for all users.

Furthermore, patient and staff safety has been demonstrated through the lighting choices within the car park, to provide sufficient lighting, and ensure users feel safe walking through the car park when it is dark and feel comfortable leaving their vehicle in the car park.

Environmentally responsible design is shown within this scope, through including ductwork conduit for future EV charging supply, which could help to provide more inclusive parking options to more people in the future.

Additionally, the design uses environmentally responsible materials like Bodpave 85 Porous Pavers which are manufactured from 100% recycled and recyclable polymers – highly sustainable, non-toxic and chemically inert to chemicals naturally found in soils. The design resists lateral movement, improves vehicle traction, whilst promoting optimum grass growth, root protection and surface stabilisation.

Site Photographs



View from Pogmoor road / Gawber road



View of proposed site entrance C



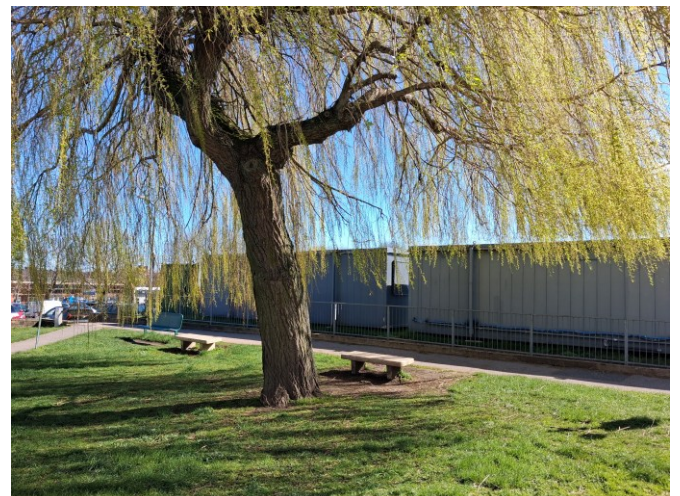
View of adjacent car park 04



View of proposed car park/green area site



View from top of stairs



View of existing site cabins

Design Proposal

Our proposal is to improve the existing parking options, while providing safe and accessible car parking spaces for visitors to the hospital. The car park will consist of:

- 01) 33 spaces available within the main car park and a gated, secure parking area which will hold another 8 spaces.
- 02) A welcoming green space for visitors to feel relaxed and calm in, provide habitats for local wildlife and environmentally friendly rainwater collection facilities.
- 03) Use environmentally responsible materials such as Bodpave 85 Porous Pavers to provide high surface water infiltration, which is ideally suited to provide source control within a Sustainable Urban Drainage System (SUDS).