

Willmott Dixon Group



Founded in 1852, privately-owned contracting and interior fit-out group Willmott Dixon is dedicated to leaving a positive legacy in our communities and environment. We create value for customers, stakeholders and communities by working in a sustainable and responsible way to shape the built environment and make a positive impact to society's well-being.

Considerate Constructors Scheme



As a founding partner of the Considerate Constructors Scheme (CCS) in 1997, all Willmott Dixon sites are registered with the CCS. The scheme influences the way we design our strategy of work and we are committed to working to the higher code of conduct.



PROJECT INSIGHT

Dorset County Hospital Multi-Storey Car Park

Welcome to the first edition of our project newsletter. We hope to keep you informed about our plans and progress towards the delivery of Dorset County Hospital's new Multi-Storey Car Park (MSCP).

Key team



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Find out more

For more information on the car park project visit – www.willmottdixon.co.uk/projects/dorset-county-hospital-multi-storey-car-park

For more information on the hospital's wider site development plans to expand and improve clinical facilities visit - www.dchft.nhs.uk

What has happened?

The car park is the first phase of development at Dorset County Hospital. The car park will free up land to allow for the expansion of the Emergency Department and Intensive Care Unit, as well as establishing an Integrated Care Hub.

Work started on site on 4 January 2021 with the temporary car park's commencement on the site of the old Damers School playing field. The temporary car park will provide parking for hospital staff only. Construction of the temporary car park is imperative to ensure no detriment to the number of spaces available once the main car park construction begins.

To date, we have imported stone at a rate of 300t per day to build up the level of the playing field by 300mm. Edging kerbs are being installed to the car park boundary, and electrical services ducting has been laid to accommodate the lighting columns. We are currently awaiting the first delivery of the cell pave system being utilised for the car park.

The cell pave system will get installed on top of the stone and a membrane and sand layer.

As part of the redevelopment, the hospital's main entrance from Williams Avenue is being widened to incorporate additional traffic lanes and an ANPR (Automatic Number Plate Recognition) vehicle barrier system. Work here started on 18 January.

The main entrance is currently two lanes but will be widened to four. Initially, this will aid the movement of construction traffic to the main site. In the long run, it will act as an intelligent link to the multi-storey car park.

As of the end of January, we will be starting work on the Children's Centre car park, which will see the installation of a barrier system and ANPR camera. We will carry this work out during the weekend to avoid disruption to the Children's Centre and the COVID-19 Vaccination Centre.

What happens next?

Over the coming 12 weeks, the temporary car park will be finished, providing 160 spaces in place of the parking lost when construction on the new multi-storey car park begins. The new MSCP located at the Williams Avenue entrance of the hospital car park will provide an additional 654 spaces, of which 12 will be EV charging points when the car park opens, with future capacity for this to increase.

Our site hoarding will be erected around the site footprint in early February. The temporary accommodation will be placed in the car park adjacent to the Williams Avenue entrance. Initially, we will remove circa 6430 m3 of topsoil and subsoil from the site to allow the car park foundations to be constructed.

Following this work, there are 134 pile foundations to be formed as well as a retaining wall. This work will take place between May and June 2021.

The car park incorporates three lifts, two at the primary entrance situated opposite the main hospital and one lift at the secondary entrance near Damers Road. The initial works to the lift shaft foundations will also take place during this phase.

The main groundworks will be completed by the end of summer 2021, allowing the steel erection to take place and the phased installation of the parking floors. Once the steel erection is complete, the aluminium artwork façade installation can commence. While the aluminium artwork façade is going up, we will complete the fit-out and remaining external works. The project is due to complete in summer 2022.

OTHER NEWS

As part of the construction process, a perforated powder-coated aluminium artwork façade will be installed on the car park's exterior. The perforations in the aluminium artwork façade will be of varying sizes, which will contrast to one another, providing an aesthetic design that will mimic a landscape.

We will be consulting with the local community to finalise the design of the aluminium artwork façade. You can access the artwork consultation by visiting <https://www.surveymonkey.co.uk/r/dhccarparkvote>

As part of the temporary car park construction, we are incorporating a 2m wide 'wildlife corridor' around the perimeter of the car park. This corridor will be planted with hedgerows and wildflowers, allowing a safe buffer zone between vehicles'

movement in the car park and any wildlife movement nearby.

In addition to the 'wildlife corridor,' we will install bird boxes on existing trees, hedgehog nesting boxes, and the placement of a log pile to provide a habitat for insects and other wildlife.

The project will be seeking to minimise and eliminate waste in every activity, implementing a Biodiversity Net Gain study. The study's ambition is to leave the natural environment in a measurably better state. The minimum net gain is set at 10% but the team will be targeting 11.47% net gain. A key driver of the Biodiversity Net Gain study is to address the rapid decline of indigenous British species. We often think of polar bears and pandas when we speak about extinction but 54% of UK species are in decline and 17% are at risk of

extinction. The Biodiversity Net Gain study uses a Defra tool to establish the biodiversity in the area and then measures the losses or gains resulting from development. We will keep you up to date with this important feature of the project.

The site of the MSCP will include bee blocks built into the gabion walls, native shrub planting, a wildflower lawn, and other bird boxes, including a built-in sparrow terrace.

The south and east elevations of the car park will include climbing plants of various species to add to the project's biodiversity.

