

Supporting Clegg Construction with Sustainable Regeneration

In brief

As part of a £15million regeneration project at the University of Nottingham, Midlands-based Clegg Construction was contracted to refurbish the site's historic 200-bed hall of residence, Florence Boot Hall.

Works included overhauling the building fabric, retaining heritage features including original woodwork and parquet floors, installing new ensuite and shared bathrooms and updating the interiors. All works needed to be completed while the campus was fully operational.

Having worked with Ward for over 12 years, Clegg Construction brought the metal recycling and waste management specialist in to handle all waste streams during the project.

Modernising a precious legacy

Florence Boot Hall was the first purpose-built hall of residence on the University Park Campus and the first hall at the university to be constructed for female residents – spearheaded and funded by its namesake.

Constructed in 1928, with later extensions in the 1950s and 1970s, the hall needed urgent repairs due to asbestos contamination. A full refurbishment stripped the building back to its original structure with the removal and reinstating of all mechanical and electrical services.

VITAL STATISTICS

Project:

Florence Boot Hall

Client:

University of Nottingham/
Clegg Construction

Sector:

Education

Materials:

Mixed construction waste, metals,
hazardous

Services:

Grab hire, Skips, Hazardous and
WEEE collections, Smart Waste portal

Location:

University of Nottingham, Nottingham

Start Date:

September 2021

Completion Date:

May 2023

Contract Value:

£10.2m

Case Study:

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Managing waste materials

Ward provided comprehensive waste services from kick-off to conclusion, including on-site support to achieve best practice for efficient waste management.

Segregated waste solutions including skips for wood, plasterboard, hardcore, mixed general waste and metals helped to reduce carbon usage and improve environmental performance. Grab hire services were included for mixed construction waste and a scheduled, on site wheelie bin service collected general waste streams including mixed recycling.

Hazardous waste and Waste Electronic and Electrical Equipment (WEEE) collection services were provided as required for mastic tubes, expanding foam aerosols, solvent-based paints and asbestos, as well as electric equipment and cables.

Monthly site visits to review service levels were also implemented and the team supplied waste segregation signs to simplify the waste management process.

Building towards a sustainable future

Sustainability was another key focus of the project, ensuring that the construction work provided a greener future for generations of students ahead. Air-source heat pumps were installed to provide low-carbon heating and electric heating provides hot water.

Kevin Deller, National Construction Waste Manager at Ward said, "With over a decade of experience working with Clegg Construction, we were aware of the challenges the team faced with the refurbishment

of Florence Boot Hall. We were committed to ensuring all waste services on the site ran smoothly and there was a sustainable solution for all material types.

"With our extensive expertise in minimising environmental impact, we were also pleased we could keep the project on track from a sustainability angle. It's another example of how we can add genuine value for our clients."

Ward's expertise was invaluable in helping to minimise the project's carbon footprint. The team provided access to the SmartWaste portal, a waste and environment reporting tool for recording waste collections and adding project updates. This facilitated with monitoring utilities used on site to assist with BREEAM reporting requirements while helping minimise environmental impact.

"Whilst working with Ward Recycling on our project at Florence Boot Hall. Their team showed a vast knowledge, professionalism and expertise in the efficient segregation of waste and recycling. Thanks to their team's approach and services including BREEAM Smart waste. I personally, would have no hesitation in working with WARD again, on any future projects."

Darren Chapman
Operations Director at Clegg Construction

**Want to find
out more?**

For more information about how Ward can streamline your waste and recycling processes, contact:

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or visit: www.ward.com

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