



CASE STUDY - WILLENHALL RAIL STATION

KKB were retained to undertake demolition of 6 industrial units located at Willenhall Rail Station near Wolverhampton to facilitate its redevelopment.

Phase I would involve removal of 3 steel portal-framed units with concrete panel boundary walls with the remaining three to be demolished in 2025.

We collaborated with Kier's project team to plan the works in advance. Documentation including a detailed programme and method statements were prepared and submitted for approval during the lead-in phase.

We liaised with Network Rail to arrange a nighttime possession to carry out demolition of structures adjacent to the track.

Following strip-out, notifiable asbestos-containing material was removed by our licensed contractor under fully-controlled conditions. Structural demolition was carried out using a 30-tonne excavator fitted with hydraulic attachments.

Temporary works to maintain structural stability involved use of ratchet straps anchored to the ground floor slab. Following structural demolition the slab was broken-out using hydraulic breakers.

Discipline: Demolition

Client: Kier Rail

Value: £170k

Completed: Sep 2024

Duration: 10 weeks

Location: Willenhall, West Midlands





All works were dampened-down using a mist-emitting Dustboss™ machine to maintain air quality while noise monitoring was conducted throughout to ensure levels did not exceed acceptable standards.

The works generated over 80 tonnes of wastes which were segregated on-site. Over 3000 tonnes of concrete/hardcore

arising were crushed/processed on site using an impact jaw-crusher with integrated screener to produce 6FN aggregate which was stockpiled and left on-site for use in the build phase.

Metals and other waste materials were removed to local waste processing facilities with a 97.2% recycling rate achieved

