



CASE STUDY

DEMOLITION OF THE CENTRAL AREA MSCP - JACKY WHITE'S MARKET SUNDERLAND

Thompsons of Prudhoe were appointed as Principal Contractor to carry out the intricate demolition of the 14 level Multi Storey Car Park in the heart of Sunderland City Centre whilst maintaining a live, working market beneath.

The reinforced concrete structure was arranged in half floors linked by ramps. The bottom two floors were continuous, effectively forming the roof of Jackie Whites Market Hall.

We demolished the car park down to the bottom floors from within the structure itself, using mini-excavators and bobcats. The concrete arisings were then processed into segments for removal using a crane and chute system.



DEMOLITION SPECIALIST OF THE YEAR 2014 WINNER



Project:
Sunderland Central Area MSCP (Jackie White's Market)

Client:
City of Sunderland

Contract Administrator:
City of Sunderland

Project Value:
£1.7M

Duration & Year
56 weeks - 2011

Key Aspects:
Mini Excavators
Remote Control
Live Services
Service Diversions
Live Shopping Area
City Centre

THOMPSONS
 OF PRUDHOE

Princess Way, Low Prudhoe,
 Northumberland, NE42 6PL

www.thompsonsofprudhoe.com

info@thompsonsofprudhoe.com

Tel: +44(0)1661832422



To enable this demolition to take place a series of props were installed from the foundations of the structure, through the Market Hall, to take the 'weight' of the car park as it was demolished.

These props were further supported by the installation of a steel support framework on the bottom levels, to displace more of the 'weight' of the structure.

On completion of the demolition works, the bottom level was retained and prepared with a new waterproof surfacing, to allow the bottom level to be used as a rooftop car park for the Market hall beneath.

Our works involved arranging service diversions and maintaining live services at all times to the working market beneath. All civils works, including fencing, barriers and lighting were completed as part of this contract. The works started in August 2010 and were completed in December 2011.



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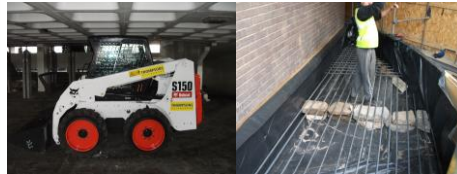
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