



OVERVIEW: Lawson Group was awarded the contract to demolish the former Confetti Creative Quarter Buildings within the live campus of Nottingham Trent University.

CHALLENGE: The works would require party wall demolition of a two-storey building. The buildings were of typical construction, including brick and block walls with a concrete flat roof.

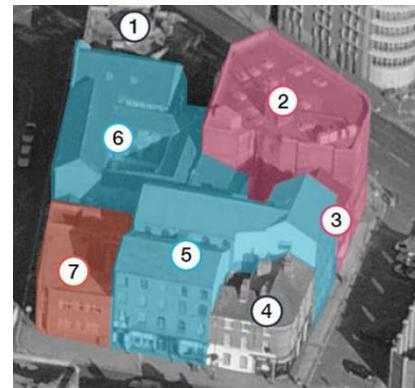
Item 7 highlighted in the drawing to the right, identified the buildings to be demolished within the scope of works. The campus would have to remain operational throughout the works with a full programme of teaching activities scheduled with no interference.



Prior to the works beginning, Nottingham City Council had suspected the area may have once been a medieval town, with the possibility of archaeological remains beneath the ground level. For this reason,

extreme care would have to be taken on the site.

SOLUTION: The site was set up and secured with fencing segregating the demolition zone. A suitable traffic management plan was implemented to avoid busy student areas. Positioned outside the boundary was a banksman, during demolition works he was in communication with machine operators at all times.





All services were terminated and disconnected before demolition works commenced. Before any mechanical demolition works could take place, buildings were soft stripped of all loose fixtures and fittings. Scaffolding was erected and hand separation was completed. A dust boss was used to suppress dust, providing a blanket screen of water over a demolition zone to protect the surrounding environment.

Once the buildings had been demolished the exposed party walls were protected using timber and 1,000-gauge sheeting. Also, the slab, foundations and underground obstruction were removed.

Once the slab had been lifted, Lawson Group worked closely with an archaeological team to examine the ground to discover what lay beneath.

Excavation works revealed the occupation of the site from the Medieval to the Victorian times. The remains of Victorian brick



buildings were found within a very thick layer of black sediment from the 18th and 19th Century.

Excavation continued below these findings which revealed three medieval ditches and caves. In addition, a large amount of pottery and tiles were discovered.

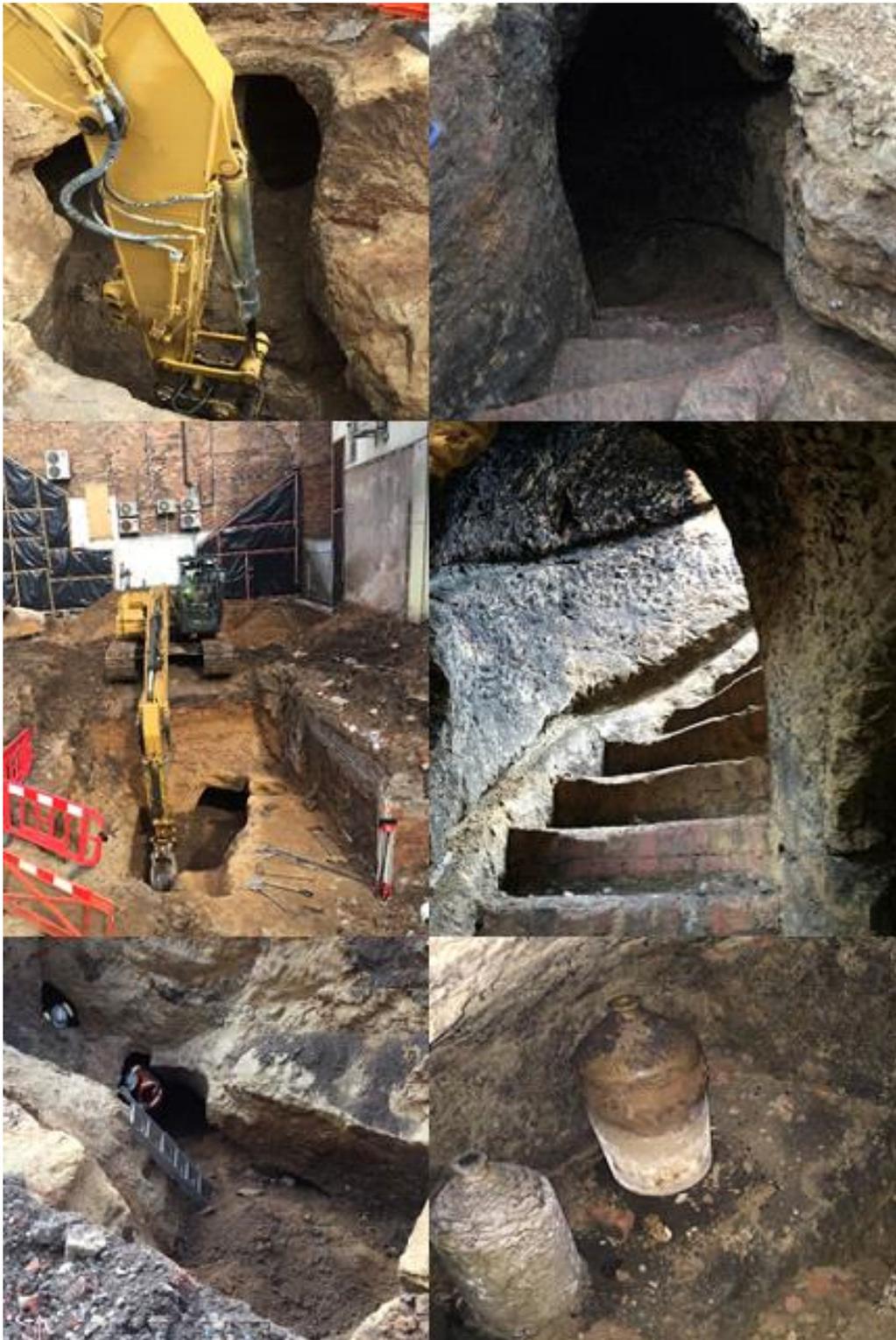


RESULT: The archaeological dig took a programme of 13 weeks to complete. Traditionally archaeologists believed this area was outside of the historic Medieval town centre and had been used for farming.

However, the findings of tiles and pottery suggest the site was used for craft and industry with the production of tiles.

Once all archaeological works were completed the excavated areas were backfilled with Type 1 crushed

concrete in preparation of the construction phase. The site was left clear, level, secure and successfully handed back to the client.



To find out more on how Lawson Group can help with your next demolition or asbestos removal project, please call 01793 782000, email enquiries@lawsongroup.co.uk or visit www.lawsongroup.co.uk