



# Haymarket Hub Newcastle upon Tyne

This contract was to construct a new office building over an existing metro station in a busy city centre location of Newcastle. The works were adjacent to the main shopping mall, busy roads and the Metro station which was 'live' throughout the works. Due to these constraints, all works required detailed and careful planning to minimise disruption to traffic and to pedestrians using the Metro station.

**NCS** works comprised:

- Design and installation of sheet piled temporary works system
- Excavation and construction of a reinforced concrete basement
- Excavation and construction of a 6 metre deep pile caps including breaking down 2.50m piles
- Ground floor slab to the new office building
- Drainage and ducting

Due to the restrictive working areas and adjacent main road, extensive temporary works design was required including protection of the existing 40m deep vent shaft for the Metro system. In addition to this, dewatering systems were needed due to ingress of ground water at 2.52m depth. Works were successfully completed to programme without incident.

Client	Tolent Construction Ltd
Value	£635,000
Duration	20 weeks

