A VIBRANT COMMUNITY FROM A TIRED TOWN CENTRE

THE ROCK TRIANGLE
BURY, UK

The redevelopment of The Rock Triangle has doubled the retail floor space in Bury’s town centre and extended its leisure facilities to include a 1.6 million ft² mixed use scheme with 10 screen cinema, 24 lane bowling alley, restaurants, car park and 400 residential apartments.

Key tenants had already been secured by our client when work began, so the construction programme was tight. As ground engineers for the project, our first job was to assess this former industrial site and then devise and oversee a remediation strategy for the contaminated land to prepare it for development. We then redesigned the surrounding infrastructure network to accommodate the increased traffic flow to the centre, which was a crucial step in unlocking the potential of the site.

A big challenge for our team came in delivering the new cinema and bowling alley, as both were located on the 2nd floor and required large, column free spaces. We used 3D modelling techniques to analyse our options and developed a solution that used long span steel trusses capable of supporting the weight of these facilities, which would also minimise subsequent floor vibration ensuring the comfort of occupants in the retail spaces below.

We complimented these amenities with beautiful boulevards and a new town centre so that visitors and residents alike could enjoy shared public spaces. Attracting young and old, families and single professionals, this new area is now fully occupied and looks set to continue its successful role in the wider regeneration of Bury.