



MMU All Saints, Manchester

July 2002

Main Contractor: Shepherd Construction Ltd.

As part of Shepherd Construction's contract to build Manchester Metropolitan University's new Law Building, Systems Geotechnique were subcontracted to design and construct 8 No mini piles to support their 46.5m Tower Crane. 200 mm diameter piles were augered some 16 metres through clay and into the underlying Sherwood Sandstone where a founding rock socket was formed. Reinforcement for the piles comprised a 6 metre long, 4T20 cage to resist shear loads and a single, full length T25 bar for compressive and tension capacity.

Despite the presence of cable ducts, sewerage, gas and water mains beneath the site, the work was completed on programme.