

# GUIDED AUGER BORING CASE HISTORY



## Pipe Installation From Perco



**Client:** Hovington/Bovis Lend-Lease  
**Project:** Guided auger boring, Manchester  
**Sub-contractor:** Perco Engineering Services

Using one of its laser guided BM400 auger boring rigs, Perco installed an outfall sewer pipe for a new Bovis lend-lease development adjacent to the Law Courts in Gartside Street, Manchester.

The new development is in the heart of the thriving business district and is adjacent to one of Manchester's Crown Courts and Magistrates' Courts. It is part of a wider development of banking, commercial, residential and further education facilities. Such a short installation would usually be done using open cut methods but 24

hour access was required to the court buildings.

Despite its short length the job was technically complex due to access requirements and the fact that the auger boring shot had to be made into an existing manhole. An added problem was that cellar walls from previous buildings on the site were still in place meaning that the launch shaft had to be deeper than usual.

Because of the restricted access in the reception manhole it would have been dangerous to remove the steel

casings as there was a high risk of injury to the workforce. To negate this risk, we recommended that the steel casings were left in place and then slip lined with 300mm ID plastic product pipe. After auger boring, the augers were retracted back through the launch shaft and retrieved. Finally the polyethylene pipe was inserted into the steel sleeve.

**For more information regarding this project please contact our Sales Director Nick Sheehan on 01604 590200**