

Case Study: Blenheim Hospital
Region: Marlborough
Client/Contractor: Ching Contracting Ltd

Outline:

- Fitting of a new manhole into a live pipeline in a confined location at Blenheim Hospital.
- Installation was completed by Ching Contracting.
- The goal was to complete the job with minimal disruption to the hospital, and within the confined parameters that the site provided.

Outcome:

- A DN625 Maintenance chamber with 5 inlet pre-benched base for connection of DN100 & DN150 pipes was used. A riser element was fitted and trimmed back to allow for the 1.6m installation depth.
- The chamber was able to be carried to the location by hand.
- The lower half of the chamber was backfilled with concrete to ensure compaction, with the remainder being backfilled with AP20 as per recommendations.
- The original plan to install a concrete chamber wouldn't have been achievable due to the tight confines of the location. The smaller pre-benched maintenance chamber provided a viable solution, allowing the project to be completed on time.

"The boys thought this was a great product and it went together really well. Not having to haunch a live manhole (especially with hospital waste) made them extremely happy. I look forward to using this product on more contracts."

Jason Routledge, Ching Contracting Ltd

