

HDD Installation – Humber to Thames Street, Gravity Sewer.

Old Heritage Buildings – New Sewer.

Cos Plumbing and Hadlee & Brunton completed installation of 150mm RESTRAIN PVC Pipe, using a Ditch Witch JT4020 Horizontal Directional Drill (HDD) rig.

The drill shot, was installed beneath two 19th century heritage buildings, at a depth of 6m. The asset owner eliminated traditional open trench methods during the design process, due to the historic nature of the surrounding environment.

The project was challenging, softer native soil conditions were expected however a layer of rock was struck early in the drill shot. H&B had another HDD rig designed for tough rock conditions which made the project successful.

Marty Costello of Cos Plumbing commented, "Once the pilot bore was completed, jointing of RESTRAIN became the easiest part of the entire project."

The installation took place during August 2009.

Contractor;	Cos Plumbing, Oamaru. Hadlee & Brunton, Timaru.
Council;	Waitaki District Council.
Design Consultant;	WDC.

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6m deep drill shot at, Thames St Oamaru.



HDD rig completing a pilot bore..



DN150 RESTRAIN Gravity Sewer Pipe for trenchless installations.