

We also do service location and CCTV work as standalone jobs

The work Mainmark's Asset Preservation Technical Services team performs is a pre-requisite to the resin injection process, the information gathered necessary to safely prepare the site. These services are helpful in numerous other situations, such as before renovations or demolition, putting up a fence, running a new pipe or cable, putting in a pool, or any time you need to penetrate or excavate the ground, so you can also book them as standalone jobs.

- Service Location – locating your underground services.
- CCTV – we use a pipe camera to inspect the interior of pipes for any existing or potential problems.
- Concrete Scanning – a GPR scans concrete, establishing the location of any structures, such as; pipes, cables, and reinforcement or pre-tension bars.
- Jetting – we run high pressure water through pipes, cleaning and clearing any obstructions, such as roots.



About Mainmark

Mainmark offers unique, innovative solutions for rectifying problems with foundation ground in residential, industrial, commercial and civil engineering situations. For over 20 years, Mainmark has led the world in developing and offering the most advanced and accurate systems of geo-polymeric injection techniques for ground engineering.

We have successfully treated over 11,000 sites in Australasia, varying from small domestic applications to large commercial, industrial, civil and mining projects. Worldwide, Mainmark has completed many tens of thousands of projects.

Mainmark has also expanded capabilities to include other innovative ground engineering and asset preservation solutions. As part of post-earthquake remediation works in both Japan and Christchurch, we developed expertise in technologies such as JOG computer-controlled grouting and jet grouting.

Call 1800 623 312
www.mainmark.com

Mainmark Ground Engineering Pty Ltd
ABN 55 160 982 366

Building Contractor Licences: NSW: 288848C |
ACT: 2019436 | SA: BLD 269074 |
VIC: CCB-L 57503 & CDB-L 49144 | TAS: 104771555 |
QLD: QBCC Act Licence No: 1316403 |

July 19



**Locate and
protect your
underground
services and
assets with our**

**Asset Preservation
Technical Services**

Contact us now
1800 623 312
www.mainmark.com

mainmark

mainmark

When you have level correction work done, it's important to prepare the site, locating underground services and structures to avoid costly, time-delaying complications.

Mainmark's Uretek resin injection methods are the least invasive level correction technology on the market. However, before the resin injection process can begin Mainmark's Asset Preservation Technical Services team need to visit the site, locate underground service pipes and structures; ensuring these are identified, protected and preserved prior to any work commencing. Resin injection can then safely proceed.

Services that are located include:

- Power
- Water
- Gas
- Communications
- Sewer
- Drainage

The process

Mainmark uses the latest electro-magnetic location equipment:

- Closed Circuit Television (CCTV) involves a camera capturing visuals as it travels through service pipes such as stormwater and sewer pipes.
- A GPR (Ground Penetrating Radar) is also utilised, scanning concrete areas to locate and identify any underground structures and pipes.

CCTV and GPR allow us to establish locations as well as identify any issues that need addressing, such as cracked pipes or root intrusions.

If pipes are too deep for a camera signal to penetrate and register data, we utilise traceable rods and sondes.

Once underground structures and pipes are located and identified, the Mainmark team marks the relevant areas by painting the ground. A report is generated from the

collected data; copies are provided to you and the resin injection operations team. CCTV camera footage can also be supplied if requested.

Time and costs

In most cases, Mainmark's Asset Preservation Technical Services team will have the job completed in a few hours.

Each job is different. How much time a job takes, and how much it costs, is dependent on the specifications of each individual site. Contributing variations include:

- Size of the site and the resin injection area
- How many, and which services are in the resin injection area
- How much concrete requires scanning
- Accessibility to services
- The site's drainage and sewer layout
- The condition of underground structures and pipes
- Whether rods and sondes are required

Following an initial establishment fee, costs are charged per half hour. We charge in half hour blocks to ensure you won't pay more than is necessary. The establishment fee includes initial set up and the first hour the team spends onsite. Subsequent hours worked are charged at a lower rate.

Establishment Fee: \$350 + GST

Per Half Hour: \$100 + GST

Difficult access

In some cases, it can be difficult to access stormwater pipes, so we gain access to your drainage via a hole, drilled in one or more downpipes. We ensure holes are repaired once the job is complete, using a plug and silicon. However, the plug can sometimes be a different colour to the downpipe.

There could also be the need to dig in your garden as we confirm the locations of various services. If this occurs, we make sure we create as little disturbance as possible.

