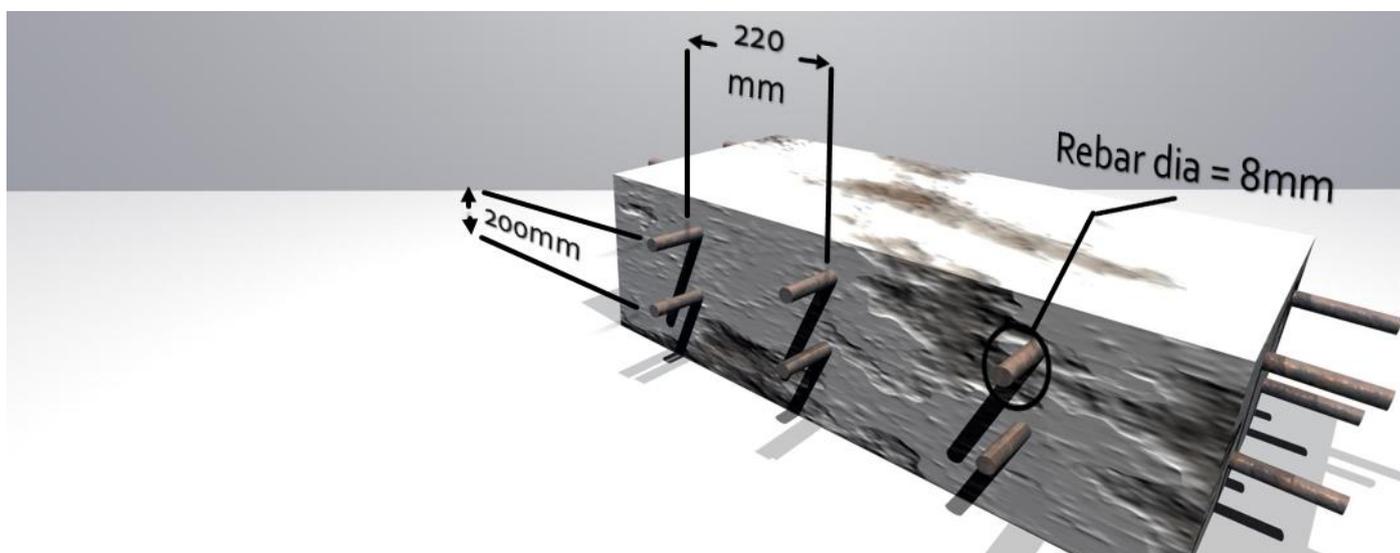


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ABN: 89 262 952 771

UNITED SCANNING
SERVICES PTY LTD



Concrete Scanning Report



ATCO Gas
AUSTRALIA



CONCRETE INSTITUTE
of AUSTRALIA

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JOB DOCKET

Scan Type:

DOCKET No.

Date:

Purchase Order No:

Company Name:

Site Contact:

Telephone No:

Email:

Site Location:

.....

Pre-site Safety Checklist

On arrival at the site, tick the correct answer where relevant to the job. If the answer is NO the situation is unsafe. Alert the office.

	YES	NO		YES	NO
INDUCTION REQUIRED	<input type="checkbox"/>	<input type="checkbox"/>	VENTILATION ADEQUATE	<input type="checkbox"/>	<input type="checkbox"/>
FIRST AID LOCATED/ACCESSIBLE	<input type="checkbox"/>	<input type="checkbox"/>	SCAFFOLDING ERECTED	<input type="checkbox"/>	<input type="checkbox"/>
SAFETY EQUIPMENT FUNCTIONAL	<input type="checkbox"/>	<input type="checkbox"/>	FALL PROTECTION IN PLACE	<input type="checkbox"/>	<input type="checkbox"/>
ELECTRIC LEADS	<input type="checkbox"/>	<input type="checkbox"/>	OPERATIONAL EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>
In good condition and safe	<input type="checkbox"/>	<input type="checkbox"/>	In good working order	<input type="checkbox"/>	<input type="checkbox"/>
Correctly Tagged	<input type="checkbox"/>	<input type="checkbox"/>	Components operational / safe	<input type="checkbox"/>	<input type="checkbox"/>
PROTECTIVE CLOTHING			HAZARDOUS SUBSTANCES		
Suitable	<input type="checkbox"/>	<input type="checkbox"/>	Identified	<input type="checkbox"/>	<input type="checkbox"/>
Fit for duty	<input type="checkbox"/>	<input type="checkbox"/>	LIGHTING SUITABLE	<input type="checkbox"/>	<input type="checkbox"/>

Disclaimer: Whilst every effort is taken to give an accurate assessments of all articles detected beneath the concrete surface by radar operating personnel. United Scanning Services and its Affiliates do not take any responsibility if any article is detected incorrectly or not detected by the radar or radar operating personnel. By reading and signing this you understand that no responsibility will be accepted for any damage caused whatsoever.

USS Rep:

Client Rep:

Print Name:

Print Name:

Return to Site Required?

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1. Scanning Results

To whom it may concern,

This document is to state that Ground Penetrating Radar Scanning was undertaken by UNITED SCANNING SERVICES PTY LTD on the:

Scanning was undertaken in the following location:

Description of Works Completed:

If you require any more information, please let us know.



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3. Photos



Pictured left is the first area scanned. This area was scanned to detect and make the downpipes in the concrete beam. The red arrows show the detected location of the down pipe (centre). The purple arrow shows the approximate location of another known down pipe however this could not be detected whilst GPR scanning. Although the centre of the beam in this location is solid and should therefore give clear images it was noticed that the centre of the beam appeared to be a different density (possibly a separate pour) and therefore led to scan files being extremely unclear and cluttered past 200mm deep. Through measuring and visually inspecting the entry points of the downpipe into the beam a likely location of the down pipe was marked (with an extra 25mm added on to each side to allow for errors in measuring).

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Site Address

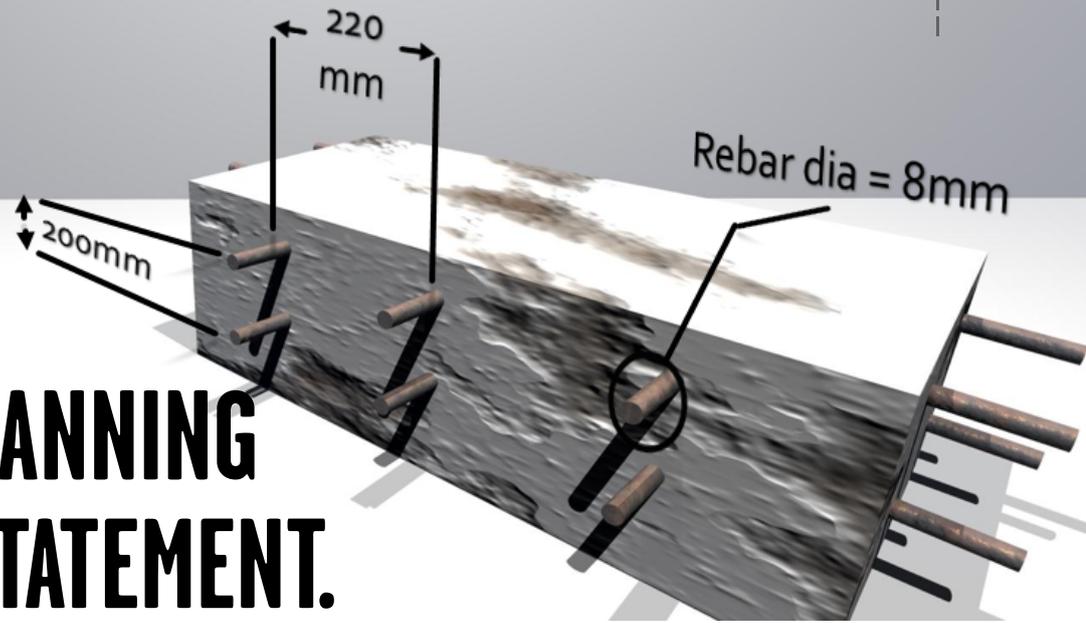
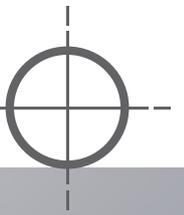
Client

Date:

Drawn By:

This is an indication of utilities clearance area or utilities located only, and is to be read in conjunction with the service statement and location terms and conditions of service. The 'As Located' Reference Plan is not to scale and cannot be used as a survey document. Please contact our company for further information if any part of your site clearance is unclear prior to excavation. Be aware of your utility damage potential at conclusion of location service and the associated client duty of care requirements. Review Utility Risk level and Utility Duty of Care Requirements including the WA Utility Code of Practice.

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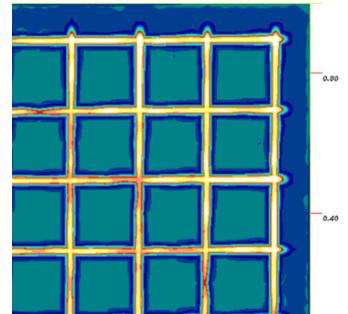
CONCRETE SCANNING CAPABILITY STATEMENT.

United Scanning services can provide what no one else in Perth is able to. Our 3D Ground Penetrating Radar (GPR) technology allows our experienced technicians to provide insights into concrete that allows for informed construction decisions. We provide the following services:

CONCRETE SCANNING

We offer GPR Concrete Scanning in a safe and timely manner with GSSI and Mala equipment. This includes:

- Location of safe areas to drill, cut or demolish
- Determine the location and depth of steel reinforcement, post tension cables, embedded metallic or plastic conduits in concrete slabs, walls or structural members
- Determine concrete slab thickness
- Structural inspections - bridges, monuments, walls, towers, tunnels, balconies
- Identify defects or damage inside concrete (voids, fractures)
- Quality inspection that identifies areas of delamination, tanking, honeycombing, cracks and voids
- Location of metallic and non-metallic targets in walls and floors
- Condition assessment - map relative concrete condition for rehabilitation planning
- NATA Accredited Lab testing



3D Imaging Technology

United Scanning use the best of GPR equipment including GSSI StructureScan and Mala CX Scanners.

ACCREDITED LOCATORS FOR

DIAL BEFORE YOU DIG
AMCOM

WESTERN POWER
WATER CORPORATION

ATCO GAS
TELSTRA

