SERVICE LOCATION SITE RECORD

Risk disclosure and on-site duty of care record

Prepared for	
Site address	
Date	19/05/2026
Prepared by	Orbital Underground Service Location Pty Ltd

Underground service location, CCTV inspection and digital mapping

1. JOB DETAILS

Orbital reference	7045
Before You Dig Australia sequence number	
The plans in date?	Yes
Assets in the vicinity?	Yes

2. SUMMARY OF FINDINGS

The following underground assets were identified on site:

Electricity, Water, Fire Service, Drainage, Sewer

IMPORTANT: Additional services may exist that were not detected. This record reduces excavation risk but does not remove it.

Summary of findings (asset, location, method, quality level)

Fire Service., Water main/pipe., Drainage pipe., Sewer main/pipe. Various locations along this alignment, signified by blue paint spots, are to be core holed for concrete stabilisation. In the same alignment are the assets listed. I have used the GPR radar to determine the alignment of the assets but the wet conditions are making this difficult. I have EMF scanned the area but nothing was detected. Located by Ground Penetrating Radar (GPR)., Located by electromagnetic field locator (EMF) techniques., Alignment established by site features. Classified as QL-D., Classified as QL-C.

No assets detected in the work area. The same location work was carried out in this area but it is further from the supposed services alignment. Classified as QL-C., Classified as QL-D.

Coring and DCP work is being conducted in four places in this alignment. GPR and EMF locating was carried out in this area also, which the same environmental conditions. Located by electromagnetic field locator (EMF) techniques., Located by Ground Penetrating Radar (GPR). Classified as QL-C., Classified as QL-D.

Electrical asset. At the position closest to the road, an electrical cable was located here at approximately 260mm deep. Moving the DCP location away at least a metre is preferable. Located by electromagnetic field locator (EMF) techniques., Located by Ground Penetrating Radar (GPR). Classified as QL-B.

3. QUALITY LEVEL CLASSIFICATION

Asset location work is classified by quality level. Quality levels may vary along the same service depending on the available source information, locating method, and any physical validation undertaken.

Quality levels used

QL	Meaning	Typical use in Orbital reporting
A	Validated by physical exposure	Used where a service has been exposed and positioned in three dimensions.
B	Relative subsurface feature location	Default for electronically located services and traced alignments.
C	Approximate location by surface feature correlation or interpretation	Used where alignment is inferred from pits, lids, visible evidence, GPR interpretation, or records.
D	Records only	Used where information is from records, anecdotal evidence, or cursory inspection only.

4. EXCAVATION REQUIREMENTS

Potholing required before	Yes

excavation	
Assets requiring potholing or validation	Fire Service, Water, Drainage, Sewer

Before excavation work proceeds, ensure all relevant plans are current and available on site, comply with asset owner duty of care requirements, and validate critical services by potholing or vacuum excavation where required.

5. ADDITIONAL INFORMATION

Additional notes for this site: It is highly advised that vacuum excavation be employed to clear the known services depths prior to any mechanical penetration. This will give the best chance of avoiding an asset strike.

6. SPECIFIC ADVICE ON SERVICE LOCATION, CCTV INSPECTION AND RISK

By engaging Orbital to undertake works and by using the information in this document, you acknowledge and accept the conditions outlined here and in Orbital's Terms and Conditions.

Orbital uses a combination of locating technologies and techniques to reduce the risk of striking buried pipes, conduits, and cables. Despite best efforts, some services may remain undetected due to limitations in available information, equipment capability, site conditions, service material, depth, congestion, or access constraints.

Where electronic locating is the primary method of identification and marking, the resulting service information generally aligns with Quality Level B. Exact service position and depth, including detailed attributes, can only be validated by non-destructive excavation and physical confirmation.

Overall, utility locating is a risk management process. Responsibility for safe excavation remains with the client and those carrying out the work after being informed of the relevant risks and limitations.

Clients must comply with best practice for preventing damage to underground services and with the duty of care statements issued by asset owners. If plans are not available through Before You Dig, they should be requested directly from the relevant asset owner.

7. PRIMARY CODE AND LINE COLOUR GUIDE

Subsurface utility type	Primary code	Line colour
Communications	–C–	White / black drafting on white background
Drainage (stormwater / raw water)	–D–	Green
Electricity	–E–	Orange

Fire service	–F–	Red
Gas (all pressures)	–G–	Yellow
Petroleum products	–P–	Brown
Recycled water	–R–	Purple
Sewer / sewer rising main / vacuum sewer	–S–	Cream
Unidentified services	–U–	Pink
Water (potable)	–W–	Blue

White marking with the relevant symbol is sometimes used to ensure that the markings are easily understood when the surface and the colour do not have sufficient contrast.

Acknowledgement and sign-off

Client signature	
Date	
Orbital representative	Jamie Ware