


[Review responses online](#) ↗



Received 5 of 5 responses  
**All responses received**

15 Munderee Place, Wanneroo WA 6065

Job dates  
 06/07/2026 → 22/07/2026

These plans expire on  
 3 Aug 2026

Lodged by  
 Michelle Ralph

Authority	Status	Page
✉ BYDA Confirmation		2
🏠 ATCO Gas Australia	Received	4
🏠 NBN Co (WA)	Received	14
🏠 Telstra (WA)	Received	25
🏠 Water Corporation	Received	34
🏠 Western Power	Received	43

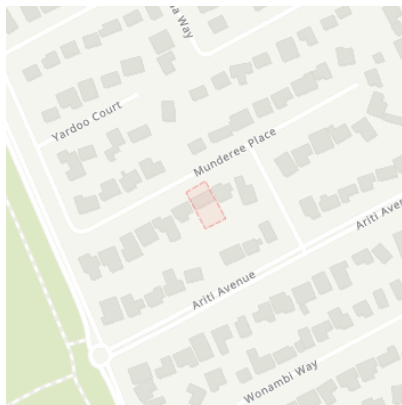
### Contact Details

<b>Contact</b> Michelle Ralph Email mralph@realmark.com.au	<b>Contact number</b> 0412 058 910	<b>Company</b> Realmark Urban <b>Address</b> 658 Newcastle Street Leederville WA 6007	<b>Enquirer ID</b> 3828033
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### Job Site and Enquiry Details

**WARNING:** The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

<b>Enquiry date</b> 06/07/2026	<b>Start date</b> 06/07/2026	<b>End date</b> 22/07/2026	<b>On behalf of</b> Private	<b>Job purpose</b> Design	<b>Locations</b> Private	<b>Onsite activities</b> Planning & Design
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Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

<b>User Reference</b> 15 Munderee Place	<b>Address</b> 15 Munderee Place Wanneroo WA 6065	<b>Notes/description</b> -
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### Your Responsibility and Duty of Care

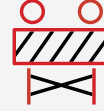
- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you **MUST** advise the asset owner immediately.
- By using the BYDA service, you agree to the [Privacy Policy](#) and [Term of Use](#).
- For more information on safe digging practices, visit [www.byda.com.au](http://www.byda.com.au)

### Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
275641259	ATCO Gas Australia	1300 926 755	NOTIFIED
275641257	NBN Co (WA)	1800 687 626	NOTIFIED
275641261	Telstra (WA)	1800 653 935	NOTIFIED
275641260	Water Corporation	13 13 95	NOTIFIED
275641258	Western Power	13 10 87	NOTIFIED

END OF UTILITIES LIST



## Plan

Plan your job. Use the BYDA service at least one day before your job is due to begin, and ensure you have the correct plans and information required to carry out a safe project.

## Prepare

Prepare by communicating with asset owners if you need assistance. Look for clues onsite. Engage a skilled Locator.

## Pothole

Potholing is physically sighting the asset by hand digging or hydro vacuum extraction.

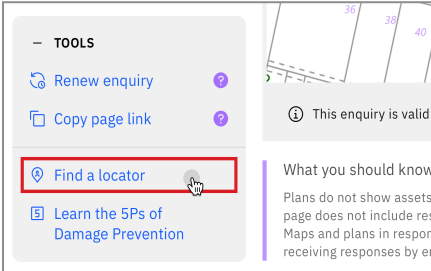
## Protect

Protecting and supporting the exposed infrastructure is the responsibility of the excavator. Always erect safety barriers in areas of risk and enforce exclusion zones.

## Proceed

Only proceed with your excavation work after planning, preparing, potholing (unless prohibited), and having protective measures in place.

## Engage a skilled Locator



When you lodge an enquiry you will see skilled Locators to contact

Visit the Certified Locator website directly and search for a locator near you

[certloc.com.au/locators](http://certloc.com.au/locators)

## Get FREE Quotes for Contractors & Equipment Fast



Use iseekplant's FREE marketplace to get quotes for the equipment or services you need on your project. Compare quotes from trusted local contractors and get your project done on time and in budget.

1. Fill out your job details in our FREE quick quote form.
2. We send the request to trusted local contractors.
3. The local contractors will contact you directly with quotes

GET QUOTE

Use iseekplant to find trusted contractors near you today, visit: [blog.iseekplant.com.au/byda-isp-get-quotes](http://blog.iseekplant.com.au/byda-isp-get-quotes)

## Book a FREE BYDA Session



BYDA offers free training sessions to suit you and your organisation's needs covering safe work practices when working near essential infrastructure assets. The free sessions are offered in two different formats - online and face-to-face.

To book a session, visit: [byda.com.au/contact/education-awareness-enquiry-form](http://byda.com.au/contact/education-awareness-enquiry-form)

BOOK NOW

**Referral**  
275641259

**Member Phone**  
1300 926 755

## Responses from this member

**Response received** Mon 6 Jul 2026 8.50am

<b>File name</b>	<b>Page</b>
Response Body	5
AGA-ENG-PR12-FM03 GIS Master Symbols Sheet External 275641259.pdf	6
ASSET Default rule 275641259.pdf	7
ASSETS AFFECTED 275641259.pdf	8
Homeowners Guide 275641259.pdf	12

Attention: **Michelle Ralph**

Thank you for your Before You Dig (BYDA) enquiry.

Job Number: **53611588**

Sequence Number: **275641259**

Dig Site Location: **15 Munderee Place Wanneroo WA 6065**

According to our records, your enquiry with the following details **impacts our infrastructure**. Please ensure that you read the attached documents, it contains important information including essential steps that must be undertaken prior to commencing construction activities.

This enquiry is valid for **30 days** from the enquiry date.

If you require further information or assistance with interpretation of plans, please contact **ATCO** on **1300 926 755** or [ATCOBYDA@atco.com](mailto:ATCOBYDA@atco.com)

This enquiry response, including any associated documentation, has been assessed and compiled from the information detailed within the BYDA enquiry outlined above. Please ensure that the BYDA enquiry details and this response accurately reflect your proposed works.

# SYMBOLS SHEET GAS UTILITY NETWORK

## EXISTING GAS NETWORK

- Transmission Pipelines
- Distribution Pipelines
- Distribution Pipe MAOP 350kPa
- Distribution Pipe MAOP 70kPa
- Distribution Pipe MAOP 7kPa
- Not Gassed (none)
- Service Pipe

## PROPOSED GAS ASSETS

- Proposed Meter
- Proposed Main
- Common Trenching
- Replacement Program

## ABANDONED GAS NETWORK

- Inactive / Removed Meter
- Abandoned Fitting
- Abandoned Valve
- Abandoned Gas Main
- Abandoned Fitting SOLD
- Abandoned Valve SOLD
- Abandoned Gas Main SOLD

## COMPOUNDS

- Gate Station
- Pressure Reducing Station
- L.P.G. Tank
- Hydrogen Plant

## VALVES

- Isolation Valves
- Service Valves

## MONITORING DEVICES

- Flow Monitoring Device
- Pressure Monitoring Device

## ASSOCIATED INFRASTRUCTURE

- Associated Asset

## DUCTS AND SLEEVES

- Duct
- Horizontal Boring
- Sleeve
- Road Crossing
- Concrete Slabbing

## FEATURES

- Side Elevation
- Obstacle
- See Details
- Not Connected
- Gas Service
- Sign
- Offline Service
- Linked Document
- Pre-Laid Service
- Pre-Laid Service Stairs
- Pre-Laid Service Tee
- Asset end on Main
- Asset ends on Direction Peg
- Reference Line
- Gas Pit
- Arrow Pointer
- Proving Location
- Pressure Upgrade
- Not Gassed
- Suburb
- Local Government

## REGULATOR SETS

- Regulator Set
- Boundary Regulator

## DELIVERY POINTS

- Meter
- Interval Meter
- Meter Set

## PIPE JUNCTIONS

- End Cap
- Expansion Joint
- Reducer
- Tee
- Transition
- Weld
- Monolithic Joint
- Stopple
- Odorizer
- Junctions

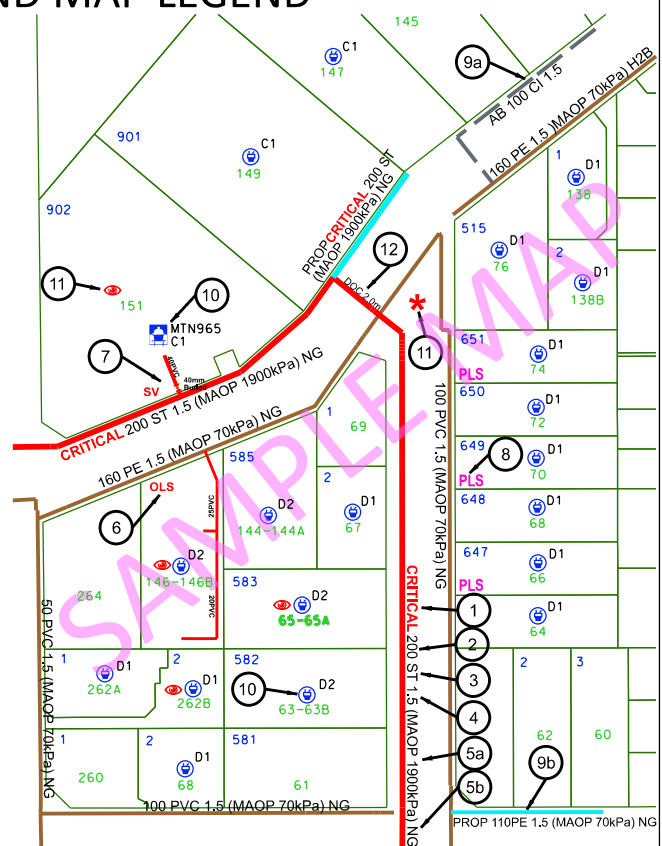
## PROTECTION DEVICES

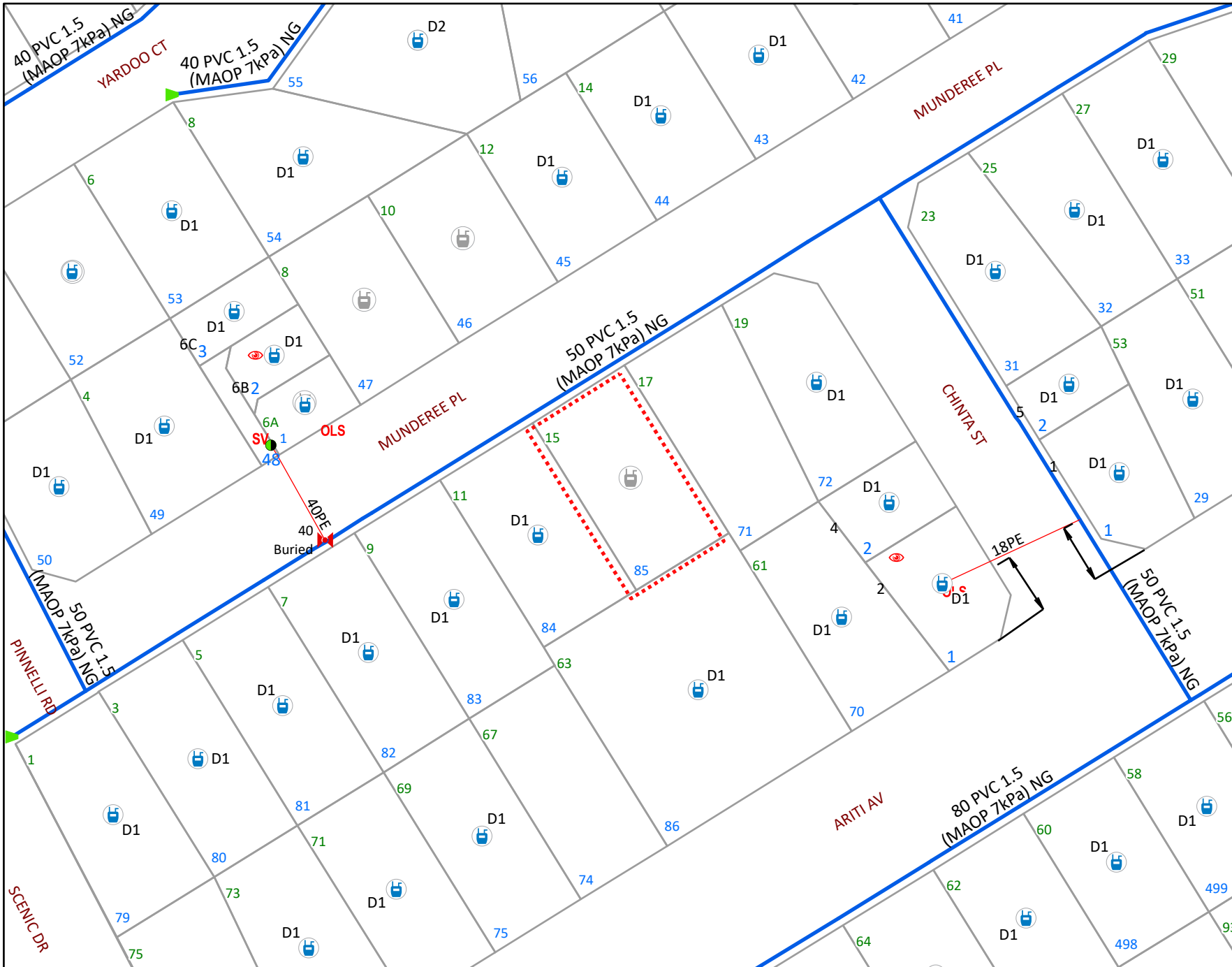
- Test Point
- Anode
- Rectifier

## ASSET IDENTIFICATION AND MAP LEGEND

### Asset Identification Legend

- 1. Critical Asset (See Cover Sheet WARNINGS)**
2. Pipe Diameter (millimetres)
3. Pipe Material:  
CI = Cast Iron PE = Polyethylene, GI = Galvanised Iron,  
PVC = PVC, ST = Steel
4. Alignment (in metres from property line)
5. Pressure in main & Gas Type  
5a) MAOP (Maximum Allowable Operating Pressure)  
5b) Gas Type:  
NG = Natural Gas.  
H2B = Natural Gas Blended with % Hydrogen.  
LPG = Liquefied Petroleum Gas.
6. Off-line Service service may not be straight line to meter.  
**(WARNING OLS may not always be shown on plan).**  
See Cover Sheet for More Information.
7. Service Valve in the vicinity  
**(NOTE: Service Valve may be "BURIED")**
8. Pre-laid Service laid in Common Trench
9. Main Status: (See **Cover Sheet WARNINGS**)  
9a. AB & ABS = Abandoned Mains, Ab Sold.  
9b. PROP = Proposed Mains
10. Customer Connection: Does not indicate actual location of Meter Position  
D2 (D = Domestic & 2 = Number of Meters)  
C1 (C = Commercial & 1 = Number of Meters)
- 11. Additional detail available and Must be obtained if within area of proposed works see Cover Sheet.**
12. Depth of Cover (DOC) in metres.





**WARNING**  
**Refer to Cover Sheet**  
**for Further Information**

- BYDA Enquiry
  - Transmission Pipelines MAOP > 1900kPa
  - Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
  - Distribution Pipe MAOP ≤ 7kPa
  - Distribution Pipe MAOP > 7kPa ≤ 100kPa
  - Distribution Pipe MAOP > 7kPa ≤ 100kPa
  - Distribution Pipe MAOP > 100kPa ≤ 350kPa
  - Not Gassed 0kPa
  - Common Trench
  - Standard Laying
  - Relay Program
  - Abandoned Pipe
  - Abandoned Pipe Sold
  - Service Pipe
  - Meter
  - Interval Meter
  - Proposed Meter
  - Removed Meter
  - Linked Documents
  - See Details
  - OLS Offline Service
  - BL End of Main Building
  - CoD End of Main on Direction Peg
  - SV Gas Service
  - NC Not Connected
  - Obstacle
  - SC Side Elevation
  - Sign
  - PLS Pre Laid Service
- Please refer to Symbols Sheet for Further Information

Disclaimer:  
Please read all **warnings**, conditions and information on the attached "Underground Asset Details" information sheet. This plan is issued subject to that information and those conditions and **warnings** (including, but not limited to, the "NO HOT WORKS" warning). Plans are current for only **30 days** from date of request, indicative only and not warranted to be accurate. It is your responsibility to carefully locate underground assets and follow safe work practises and procedures (eg pot-holing). ATCO Gas Australia will seek compensation for damage caused to assets.

**ASSETS AFFECTED – see accompanying Plan**

Michelle Ralph  
ATCO Gas Australia  
658 Newcastle Street  
Leederville  
WA 6007

Job No: 53611588  
Sequence No: 275641259  
Date of Issue: 6 July 2026  
Phone: 1300 926 755

BYDA Utility Registration Name: Private  
BYDA Location: 15 Munderee Place Wanneroo WA 6065

**ATTENTION:** This response to your enquiry has been interpreted from details in your requested DBYD picture location request only (not any street address you gave). It is your duty to ensure the accompanying plan/s match your geographical area of works.

**IF YOU SEE, HEAR, SMELL OR OTHERWISE DETECT GAS,  
LEAVE THE IMMEDIATE AREA AND THEN CALL 13 13 52**

Our records indicate that ATCO gas infrastructure **IS PRESENT** in the vicinity of and/or surrounding area of the above enquiry. This response relates only to ATCO assets. Your Duty of Care requires that personnel **Must** at all times comply with, and have on site, this information sheet and the accompanying plan(s). All plans are subject to this information sheet. You should refer to the ATCO Self-service Portal ([Link Here](#)) or if unsure, contact ATCO on **1300 926 755** during business hours.

All information provided is to be used as a guide only (see Disclaimer item 5). It does not absolve you or third parties from your Duty of Care obligations, including to take additional precautions where work has the potential to impact on gas assets, public safety or the environment, or from your duties at law (including Reg 3.21 of the Occupational Safety and Health Regulations 1996).

**WARNINGS**

- No works of any type within 15 metres of any **CRITICAL GAS ASSET** infrastructure without prior approval from ATCO
- **NO HOT WORK** within 15 metres of any gas infrastructure except in compliance with applicable laws & *Australian Standard 1674*. **Do Not** let heat sources or hot works impact on any gas infrastructure and take into consideration that the ground or adjacent structures may also be capable of transmitting heat so as to circumvent protection afforded by a heat shield or barrier
- **DANGER** - Gas can cause asphyxiation and is flammable. Keep all ignition sources well away (e.g., flames, matches/ lighters, sparks, electrical devices, vehicles or engines, mobile phones, cameras)
- Gas pipes **Must Not** be unsupported or left without adequate cover or protection without prior approval from ATCO
- Damage to the pipe coating or pipe itself can be very dangerous if not given immediate attention. Report any damage to ATCO immediately on **13 13 52**. **Do Not** attempt to repair any damaged gas infrastructure
- No alteration or removal of live or abandoned gas infrastructure without prior written approval from ATCO
- Any abandoned or proposed gas infrastructure indicated on the gas plans **Must** be treated as live
- Never assume the location or depth of any gas infrastructure. Pipes may not follow straight lines or maintain a constant depth. Always check carefully (e.g., by careful hand digging of potholes)
- Unauthorised repairs or tampering with gas infrastructure may result in prosecution under the *Energy Operators (Powers) Act 1979*. ATCO Gas Australia reserves all rights to recover compensation for loss or damage to its gas infrastructure or other property including for indirect or consequential losses.



processing time. Atco recommends engaging a [BYDA Certified Locator](#) which includes undertaking electronic location prior to potholing.

**POTHOLE** Using current Before you Dig Australia plans, all gas pipes should be located (including any deviation in the direction of a gas pipe) by exposing them by careful digging using a HAND SHOVEL. Where the proposed work is parallel to a gas pipeline, pothole every 10 meters along the entire route. Damage to the pipe coating or to the pipe itself can create a very dangerous situation if not given immediate attention. If damage does occur, it **Must** be reported to ATCO immediately on Ph. **13 13 52**.

**PROTECT** Supervise and monitor all excavations near gas infrastructure using a dedicated spotter. Where any gas infrastructure is required to be exposed, adequate protection of the gas infrastructure is required to prevent potential damage. Also implement appropriate controls when conducting 'hot work' (in accordance with AS 1674) in the vicinity of the ATCO infrastructure such as; isolation; separation distance; the placement of an effective non-combustible barrier of sufficient size and thermal resistance for the intensity, type and duration of heat exposure; gas monitoring; monitoring the environment surrounding the ATCO infrastructure to ensure it is not being impacted by the work, and other controls as necessary.

**PROCEED** You should **only proceed** with your excavation work after you have planned, prepared, potholed (unless prohibited) and have protective measures in place. All locations markers/pegs are to be removed on completion of works. If you are unsure, **DO NOT** Proceed. Call ATCO on **1300 926 755**

## 5. Disclaimer and Further Terms

- a) Nothing in this document, any accompanying plan or the 'Additional Information for Working around Gas Infrastructure' (AGA-O&M-PR24) (together called "**Documents**") purports to exclude or modify any term, condition or warranty to the extent that by law it cannot lawfully be excluded or modified by agreement or notice, including but not limited to those contained in Schedule 2 of the *Competition and Consumer Act 2010* (Cth) and corresponding provisions of any state legislation.
- b) If any of ATCO, or their respective related entities, officers, employees, agents, contractors or advisers (together called "**Associates**") is liable for a breach of a term, condition or warranty described in paragraph **5.a)** above, its liability is, to the fullest extent permitted by law, limited to any one or more of the

following as it determines in its absolute discretion:

- i) in relation to goods supplied by them, replacing or repairing the goods, supplying an equivalent item, paying the cost of replacing or repairing the goods or paying the cost of acquiring or hiring an equivalent item; and
- ii) in relation to services supplied by them, the re-supply of the services or the payment of the cost of having the services re-supplied.
- c) Subject to paragraphs **5.a)** and **b)**, but otherwise despite any other provision in the Documents, no representation or warranty is made or given (whether expressly or by implication) by any of ATCO or their respective Associates in respect of any information contained or referred to in any of the Documents or in any other communication from ATCO concerning any of the Documents or the subject matter of any of the

Documents ("Information"). In particular, but without limiting the generality of the foregoing limitation, none of ATCO or their respective Associates makes any warranty or representation as to the truth, accuracy, completeness, reliability, currency, timeliness, quality or fitness for any purpose of or the standard of care taken in the preparation of any Document or Information (including, but not limited to, the accuracy of the scale of, or the location of anything or symbol shown on, any plan or diagram).

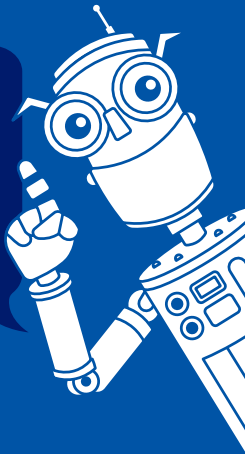
- d) Subject to paragraphs **5.a)** and **b)**, to the maximum extent permitted by law, none of ATCO or their respective Associates is liable to any person or other body ("**Recipient**") who receives or otherwise obtains access to all or any part or parts of the Documents or Information, in any way (including, but not limited to, liability for negligence, breach of statutory duty or lack of care) in respect of any cost, expense, damages, loss or liability, including, but not limited to:
  - i) any financial or economic loss, cost, expense or damage, including but not limited to loss of production, loss of profit, loss of revenue, loss of use, loss of contract, loss of goodwill or loss of business opportunity;
  - ii) any new or increased costs or expenses, including but not limited to financing or operating costs;
  - iii) any failure to achieve any actual or anticipated saving in respect of any cost or expense;
  - iv) any cost, expense, damage or loss resulting from any liability of the Recipient to any other person or body howsoever and whensoever arising, suffered or incurred by the Recipient in relation to, or in connection with, the disclosure to them of, or use of, or reliance on, all or any



# Protecting your home's gas pipes

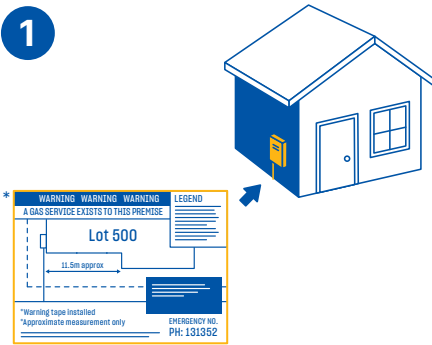
## Did you know?

Gas pipes run underground from the street to your meter box and digging in the wrong spot can cause costly damage.



Guide to digging safely and avoiding costly leaks and damage.

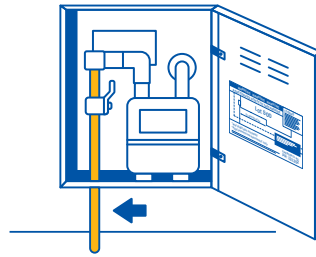
1



### Find your gas meter

It might be with your electricity meter. Open it and look for a sticker\* that shows the location of your gas pipe. For multi-dwelling properties, check all meter boxes. If there's no location sticker, proceed to step 2.

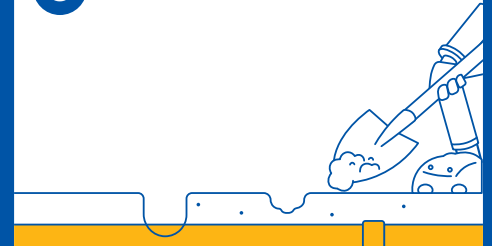
2



### Identify the service pipe

Inside the meter box, you'll see a pipe coming up out of the ground into the meter box on the left-hand side. This is your gas service! If your digging project is within the location of the gas pipe, proceed to step 3.

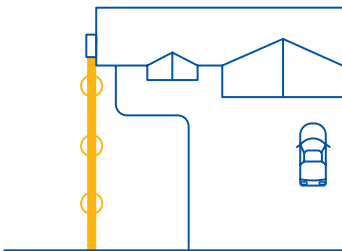
3



### Dig slowly and gently

Using hand tools, carefully dig down at a shallow angle to expose the pipe. This "potholing" helps you find the pipe's direction and depth, ensuring protection.

4



### Work outwards towards the verge

Start near your gas meter and work in 1.5m sections towards the street. Pipes can be shallow and may not run in a straight line, so watch for water, power, and internet lines.

5



### Unsure? Hire a professional

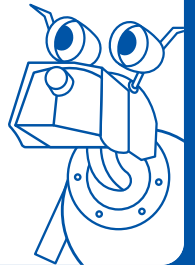
For peace of mind, use a registered locator who can help you locate your gas service pipe, and any other infrastructure too.

6

Plan, Prepare, Pothole, Protect and only then, Proceed.

### Quick tip

Get free gas pipe info at [byda.com.au](http://byda.com.au)



Scan to Watch  
Safe Gardening Tips

1300 926 755  
Call within business hours

[gas.atco.com/digsmart](http://gas.atco.com/digsmart)

## Take immediate action if you strike, break or damage a gas pipe:

Move away from the area immediately

Don't use anything that could cause a spark

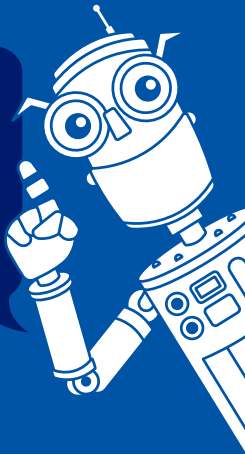
Call ATCO Faults and Emergencies  
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**ATCO** Australia

# Protecting your home's gas pipes

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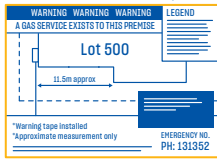


Guide to digging safely and avoiding costly leaks and damage.

1



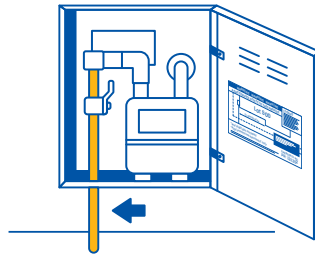
Location sticker example



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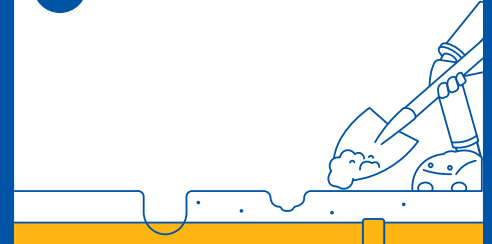
2



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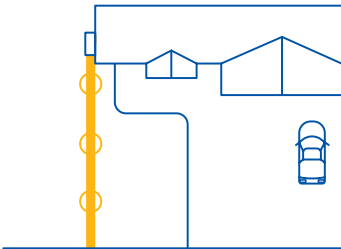
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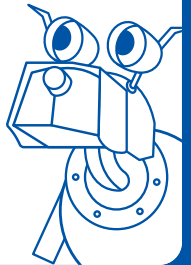
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Plan, Prepare, Pothole, Protect and only then, Proceed.

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13 13 52

**ATCO** Australia

**Referral**  
275641257

**Member Phone**  
1800 687 626

## Responses from this member

**Response received** Mon 6 Jul 2026 9.15am

<b>File name</b>	<b>Page</b>
Response Body	15
275641257_20260706_011427544708_1.pdf	16
4678_NBN_Dial_Before_You_Dig_Poster_20170517.pdf	19
Disclaimer_275641257_20260706_011427544708.pdf	21

Hi Michelle Ralph,

Please find attached the response to your DBYD referral for the address mentioned in the subject line. The location shown in our DBYD response is assumed based off the information you have provided. If the location shown is different to the location of the excavation then this response will consequently be rendered invalid.

Take the time to read the response carefully and note that this information is only valid for 28 days after the date of issue.

If you have any further enquiries, please do not hesitate to contact us.


Regards,  
Network Services and Operations  
NBN Co Limited  
P: 1800626329  
E: [dbyd@nbnco.com.au](mailto:dbyd@nbnco.com.au)  
[www.nbnco.com.au](http://www.nbnco.com.au)

#### Confidentiality and Privilege Notice

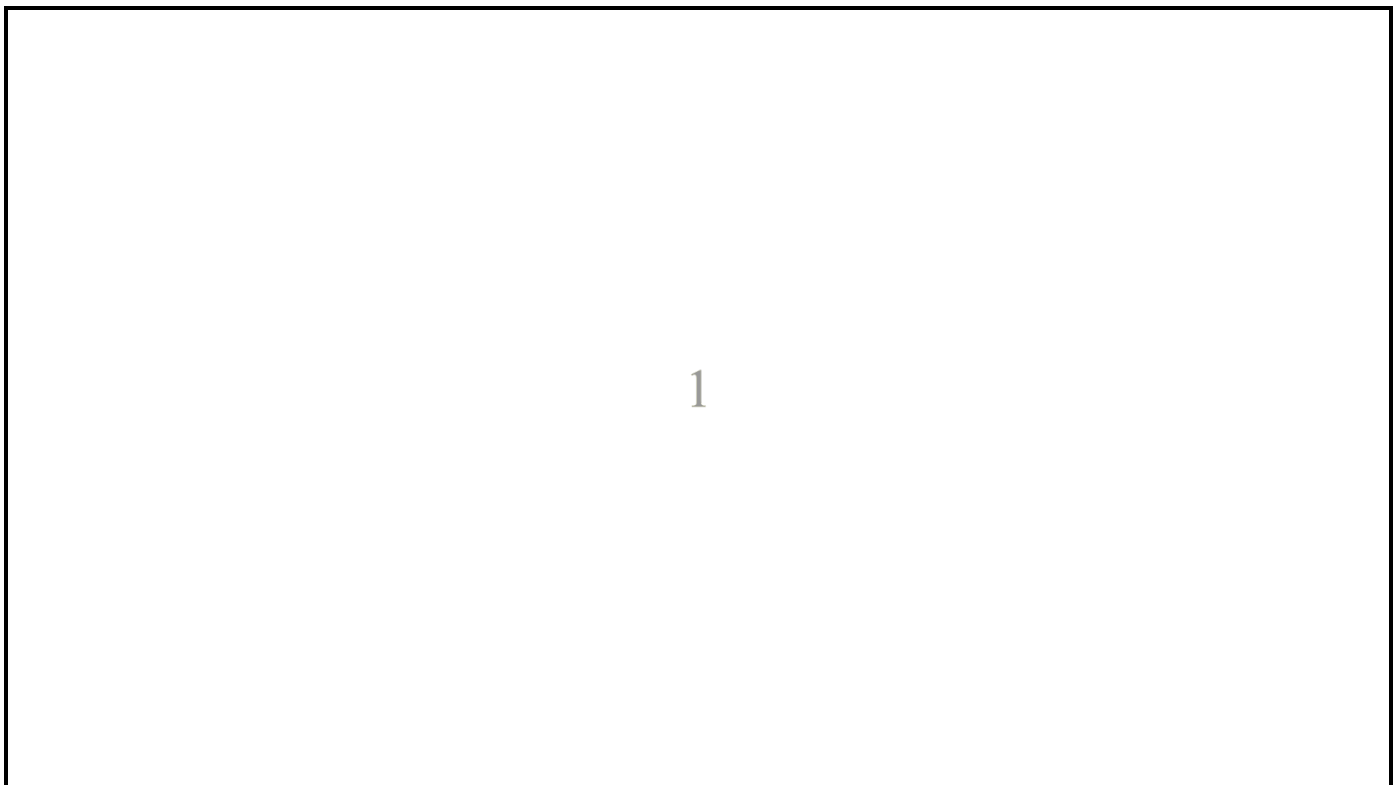
This e-mail is intended only to be read or used by the addressee. It is confidential and may contain legally privileged information. If you are not the addressee indicated in this message (or responsible for delivery of the message to such person), you may not copy or deliver this message to anyone, and you should destroy this message and kindly notify the sender by reply e-mail. Confidentiality and legal privilege are not waived or lost by reason of mistaken delivery to you. Any views expressed in this message are those of the individual sender, except where the sender specifically states them to be the views of NBN Co Limited

Please Do Not Reply To This Mail

**To:** Michelle Ralph  
**Phone:** Not Supplied  
**Fax:** Not Supplied  
**Email:** mralph@realmark.com.au

<b>Dial before you dig Job #:</b>	53611588	
<b>Sequence #</b>	275641257	
<b>Issue Date:</b>	06/07/2026	
<b>Location:</b>	15 Munderee Place , Wanneroo , WA , 6065	

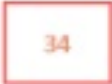




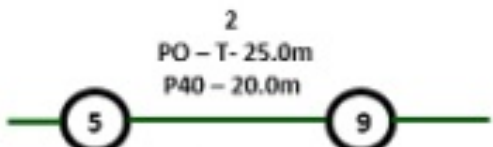
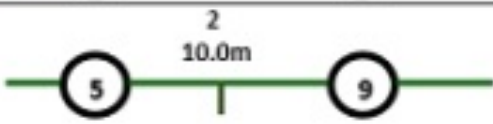




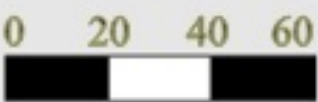
**Indicative Plans are tiled below to demonstrate how to layout and read nbn asset plans**

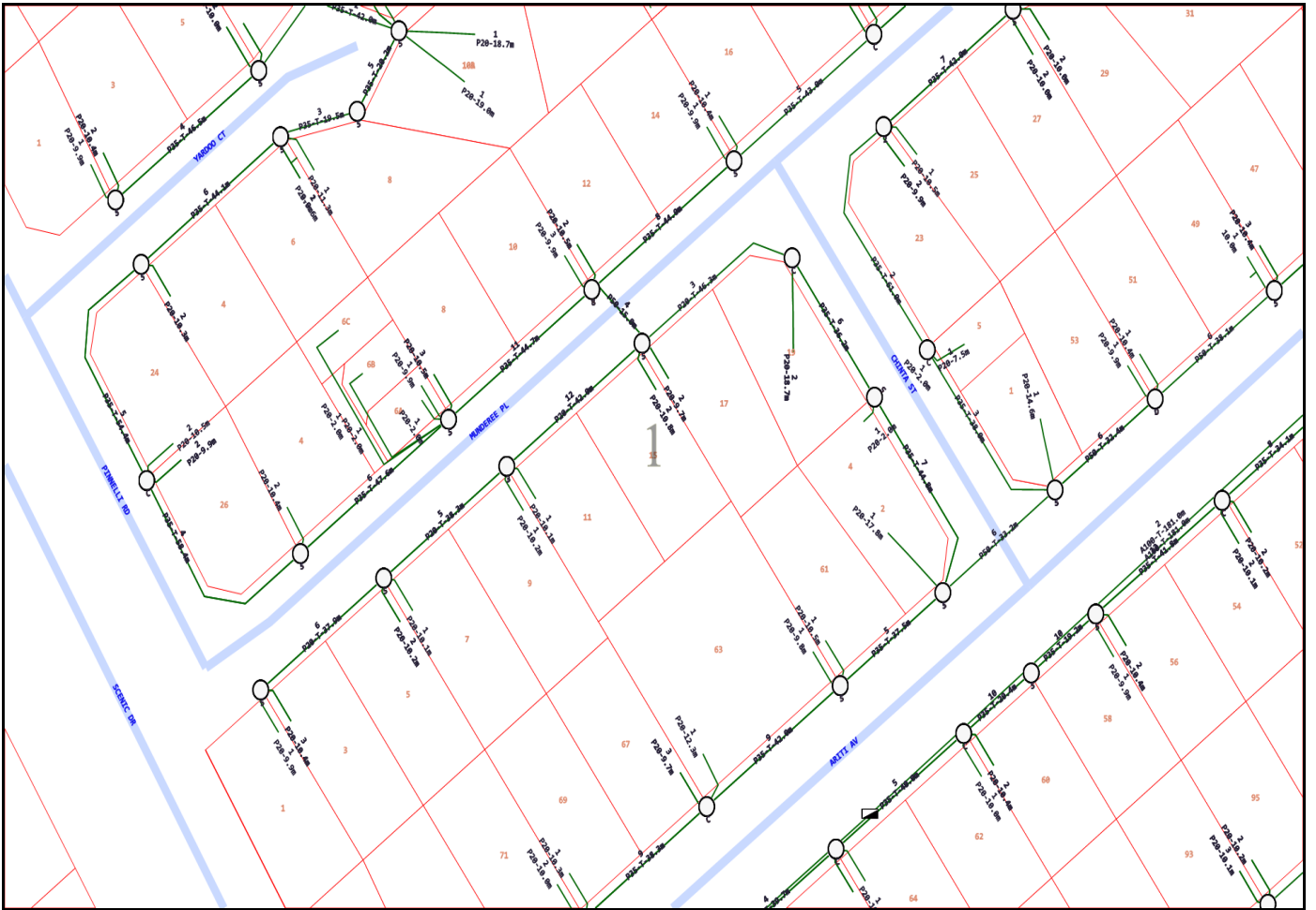




## LEGEND



	Parcel and the location
	Pit with size "5"
	Power Pit with size "2E". Valid PIT Size: e.g. 2E, 5E, 6E, 8E, 9E, E, null.
	Manhole
	Pillar
	Cable count of trench is 2. One "Other size" PVC conduit (PO) owned by Telstra (-T-), between pits of sizes, "5" and "9" are 25.0m apart. One 40mm PVC conduit (P40) owned by NBN, between pits of sizes, "5" and "9" are 20.0m apart.
	2 Direct buried cables between pits of sizes, "5" and "9" are 10.0m apart.
	Trench containing any <b>INSERVICE/CONSTRUCTED</b> (Copper/RF/Fibre) cables.
	Trench containing only <b>DESIGNED/PLANNED</b> (Copper/RF/Fibre/Power) cables.
	Trench containing any <b>INSERVICE/CONSTRUCTED</b> (Power) cables.
	Road and the street name "Broadway ST"
Scale	 Meters 1:2000 1 cm equals 20 m



## Emergency Contacts

You must immediately report any damage to the **nbn**™ network that you are/become aware of. Notification may be by telephone - 1800 626 329.



# Working near nbn™ cables

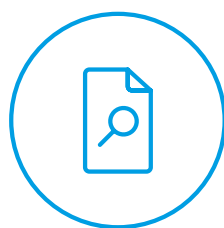
**nbn** has partnered with Dial Before You Dig to give you a single point of contact to get information about **nbn** underground services owned by **nbn** and other utility/service providers in your area including communications, electricity, gas and other services. Contact with underground power cables and gas services can result in serious injury to the worker, and damage and costly repairs. You must familiarise yourself with all of the Referral Conditions (meaning the referral conditions referred to in the DBYD Notice provided by **nbn**).

## Practice safe work habits

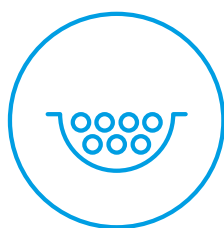
Once the DBYD plans are reviewed, the Five P's of Excavation should be adopted in conjunction with your safe work practices (which must be compliant with the relevant state Electrical Safety Act and Safe Work Australia "Excavation Work Code of Practice", as a minimum) to ensure the risk of any contact with underground **nbn** assets are minimised.



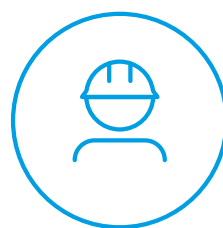
**Plan:** Plan your job by ensuring the plans received are current and apply to the work to be performed. Also check for any visual cues that may indicate the presence of services not covered in the DBYD plans.



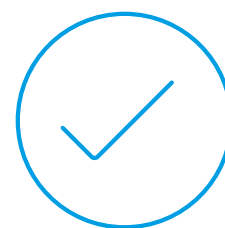
**Prepare:** Prepare for your job by engaging a DBYD Certified Plant Locator to help interpret plans and identify on-site assets. Contact **nbn** should you require further assistance.



**Pothole:** Non-destructive potholing (i.e. hand digging or hydro excavation) should be used to positively locate **nbn** underground assets with minimal risk of contact and service damage.

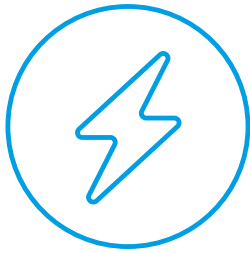


**Protect:** Protecting and supporting the exposed **nbn** underground asset is the responsibility of the worker. Exclusion zones for **nbn** assets are clearly stated in the plan and appropriate controls must be implemented to ensure that encroachment into the exclusion zone by machinery or activities with the potential to damage the asset is prevented.

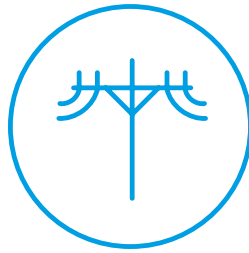


**Proceed:** Proceed only when the appropriate planning, preparation, potholing and protective measures are in place.

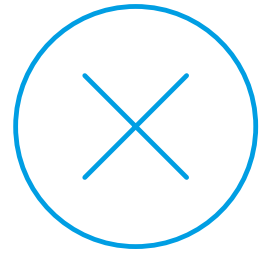
# Working near **nbn**<sup>™</sup> cables



Identify all electrical hazards, assess the risks and establish control measures.



When using excavators and other machinery, also check the location of overhead power lines.



Workers and equipment must maintain safety exclusion zones around power lines.

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Once all work is completed, the excavation should be re-instated with the same type of excavated material unless specified by **nbn**. Please note:

- Construction Partners of **nbn** may require additional controls to be in place when performing excavation activities.
- The information contained within this pamphlet must be used in conjunction with other material supplied as part of this request for information to adequately control the risk of potential asset damage.

## Contact

All **nbn**<sup>™</sup> network facility damages must be reported online [here](#).  
For enquiries related to your DBYD request please call 1800 626 329.

### Disclaimer


This brochure is a guide only. It does not address all the matters you need to consider when working near our cables. You must familiarise yourself with other material provided (including the Referral Conditions) and make your own inquiries as appropriate.

**nbn** will not be liable or responsible for any loss, damage or costs incurred as a result of reliance on this brochure.

This document is provided for information purposes only. This document is subject to the information classification set out on this page. If no information classification has been included, this document must be treated as UNCLASSIFIED, SENSITIVE and must not be disclosed other than with the consent of nbn co. The recipient (including third parties) must make and rely on their own inquiries as to the currency, accuracy and completeness of the information contained herein and must not use this document other than with the consent of nbn co. Copyright © 2021 nbn co limited. All rights reserved.



**To:** Michelle Ralph  
**Phone:** Not Supplied  
**Fax:** Not Supplied  
**Email:** mralph@realmark.com.au

<b>Before You Dig Australia Job #:</b>	53611588	
<b>Sequence #</b>	275641257	
<b>Issue Date:</b>	06/07/2026	
<b>Location:</b>	15 Munderee Place , Wanneroo , WA , 6065	

## Information

The area of interest requested by you contains one or more assets.

<b>nbn™ Assets</b>	<b>Search Results</b>
<b>Communications</b>	Asset identified
<b>Electricity</b>	No assets

In this notice **nbn™ Facilities** means *underground fibre optic, telecommunications and/or power facilities, including but not limited to cables, owned and controlled by nbn™*

## Location of **nbn™** Underground Assets

We thank you for your enquiry. In relation to your enquiry at the above address:

- **nbn's** records indicate that there **ARE nbn™** Facilities in the vicinity of the location identified above ("Location").
- **nbn** indicative plan/s are attached with this notice ("Indicative Plans").
- The Indicative Plan/s show general depth and alignment information only and are not an exact, scale or accurate depiction of the location, depth and alignment of **nbn™** Facilities shown on the Plan/s.
- In particular, the fact that the Indicative Plans show that a facility is installed in a straight line, or at uniform depth along its length cannot be relied upon as evidence that the facility is, in fact, installed in a straight line or at uniform depth.
- You should read the Indicative Plans in conjunction with this notice and in particular, the notes below.
- You should note that, at the present time, the Indicative Plans are likely to be more accurate in showing location of fibre optics and telecommunications cables than power cables. There may be a variation between the line depicted on the Indicative Plans and the location of any power cables. As such, consistent with the notes below, particular care must be taken by you to make your own enquiries and investigations to precisely locate any power cables and manage the risk arising from such cables accordingly.
- The information contained in the Indicative Plan/s is valid for 28 days from the date of issue set out above. You are expected to make your own inquiries and perform your own investigations (including engaging appropriately qualified plant locators, e.g BYDA Certified Locators, at your cost to locate **nbn™** Facilities during any activities you carry out on site).

We thank you for your enquiry and appreciate your continued use of the Before You Dig Australia Service. For any enquiries related to moving assets or Planning and Design activities, please visit the [nbn Commercial Works](#) website to complete the online application form. If you are planning to excavate and require further information, please email [dbyd@nbnco.com.au](mailto:dbyd@nbnco.com.au) or call 1800 626 329.

#### Notes:

1. You are now aware that there are **nbn™** Facilities in the vicinity of the above property that could be damaged as a result activities carried out (or proposed to be carried out) by you in the vicinity of the Location.
2. You should have regard to section 474.6 and 474.7 of the *Criminal Code Act 1995* (CoA) which deals with the consequences of interfering or tampering with a telecommunications facility. Only persons authorised by **nbn** can interact with **nbn's** network facilities.
3. Any information provided is valid only for **28 days** from the date of issue set out above.

## Referral Conditions

The following are conditions on which **nbn** provides you with the Indicative Plans. By accepting the plans, you are agreeing to these conditions. These conditions are in addition, and not in replacement of, any duties and obligations you have under applicable law.

1. **nbn** does not accept any responsibility for any inaccuracies of its plans including the Indicative Plans. You are expected to make your own inquiries and perform your own investigations (including engaging appropriately qualified plant locators, e.g BYDA Certified Locators, at your cost to locate **nbn™** Facilities during any activities you carry out on site).
2. You acknowledge that **nbn** has specifically notified you above that the Indicative Plans are likely to be more accurate in showing location of fibre optics and telecommunications cables than power cables. There may be a variation between the line depicted on the Indicative Plans and the location of any power cables.
3. You should not assume that **nbn™** Facilities follow straight lines or are installed at uniformed depths

along their lengths, even if they are indicated on plans provided to you. Careful onsite investigations are essential to locate the exact position of cables.

4. In carrying out any works in the vicinity of **nbn**™ Facilities, you must maintain the following minimum clearances:
  - 300mm when laying assets inline, horizontally or vertically.
  - 500mm when operating vibrating equipment, for example: jackhammers or vibrating plates.
  - 1000mm when operating mechanical excavators.
  - Adherence to clearances as directed by other asset owner's instructions and take into account any uncertainty for power cables.
5. You are aware that there are inherent risks and dangers associated with carrying out work in the vicinity of underground facilities (such as **nbn**™ fibre optic, copper and coaxial cables, and power cable feed to **nbn**™ assets). Damage to underground electric cables may result in:
  - Injury from electric shock or severe burns, with the possibility of death.
  - Interruption of the electricity supply to wide areas of the city.
  - Damage to your excavating plant.
  - Responsibility for the cost of repairs.
6. You must take all reasonable precautions to avoid damaging **nbn**™ Facilities. These precautions may include but not limited to the following:
  - All excavation sites should be examined for underground cables by careful hand excavation. Cable cover slabs if present must not be disturbed. Hand excavation needs to be undertaken with extreme care to minimise the likelihood of damage to the cable, for example: the blades of hand equipment should be aligned parallel to the line of the cable rather than digging across the cable.
  - If any undisclosed underground cables are located, notify **nbn** immediately.
  - All personnel must be properly briefed, particularly those associated with the use of earth-moving equipment, trenching, boring and pneumatic equipment.
  - The safety of the public and other workers must be ensured.
  - All excavations must be undertaken in accordance with all relevant legislation and regulations.
7. You will be responsible for all damage to **nbn**™ Facilities that are connected whether directly, or indirectly with work you carry out (or work that is carried out for you or on your behalf) at the Location. This will include, without limitation, all losses expenses incurred by **nbn** as a result of any such damage.
8. You must immediately report any damage to the **nbn**™ network that you are/become aware of. Notification may be by telephone - 1800 626 329.
9. Except to the extent that liability may not be capable of lawful exclusion, **nbn** and its servants and agents and the related bodies corporate of **nbn** and their servants and agents shall be under no liability whatsoever to any person for any loss or damage (including indirect or consequential loss or damage) however caused (including, without limitation, breach of contract negligence and/or breach of statute) which may be suffered or incurred from or in connection with this information sheet or any plans (including Indicative Plans) attached hereto. Except as expressly provided to the contrary in this information sheet or the attached plans (including Indicative Plans), all terms, conditions, warranties, undertakings or representations (whether expressed or implied) are excluded to the fullest extent permitted by law.

All works undertaken shall be in accordance with all relevant legislations, acts and regulations applicable to the particular state or territory of the Location. The following table lists all relevant documents that shall be considered and adhered to.

State/Territory	Documents
<b>National</b>	Work Health and Safety Act 2011
	Work Health and Safety Regulations 2011
	Safe Work Australia - Working in the Vicinity of Overhead and Underground Electric Lines (Draft)

	Occupational Health and Safety Act 1991
<b>NSW</b>	Electricity Supply Act 1995
	Work Cover NSW - Work Near Underground Assets Guide
	Work Cover NSW - Excavation Work: Code of Practice
<b>VIC</b>	Electricity Safety Act 1998
	Electricity Safety (Network Asset) Regulations 1999
<b>QLD</b>	Electrical Safety Act 2002
	Code of Practice for Working Near Exposed Live Parts
<b>SA</b>	Electricity Act 1996
<b>TAS</b>	Tasmanian Electricity Supply Industry Act 1995
<b>WA</b>	Electricity Act 1945
	Electricity Regulations 1947
<b>NT</b>	Electricity Reform Act 2005
	Electricity Reform (Safety and Technical) Regulations 2005
<b>ACT</b>	Electricity Act 1971

Thank You,

**nbn BYDA**

Date: 06/07/2026

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**Referral**  
275641261

**Member Phone**  
1800 653 935

## Responses from this member

**Response received** Mon 6 Jul 2026 9.36am

<b>File name</b>	<b>Page</b>
Response Body	26
275641261.pdf	28
AccreditedPlantLocators 2026-06-10a.pdf	30
Telstra Duty of Care v32.0c.pdf	31
Telstra Map Legend v4_0c.pdf	33

**Attention:** Michelle Ralph

**Site Location:** 15 Munderee Place, Wanneroo, WA 6065

**Your Job Reference:** 15 Munderee Place

**Please do not reply to this email, this is an automated message -**

Thank you for requesting Telstra information via Before You Dig Australia (BYDA).

This response contains Telstra information relating to your recent BYDA request.

**Please refer to all enclosed attachments for more information.**

Information for opening Telstra Asset Plans as well as some other useful contact information is noted in the attached documents.

**Report Damage to Telstra Equipment:** [Report damages to Telstra equipment - Telstra](#)

Please note:

When working in the vicinity of telecommunications plant you have a 'Duty of Care' that must be observed.

Ensure you read all documents (attached) - they contain important information.

Please also refer to the **Before you Dig Australia - BEST PRACTISE GUIDES and The five Ps of safe excavation**

<https://www.byda.com.au/before-you-dig/best-practice-guides/>, The essential steps that must be undertaken prior to commencing construction activities.

**WARNING - MAJOR CABLES and/or OPTIC FIBRE IN THE AREA.**

**Phone 1800 653 935 for further assistance.**

Note: In some areas Telstra fibre routes may be marked as "Amcom", as Telstra has purchased much of this infrastructure. If in doubt, please contact Telstra Plan services on the number above. Telstra plans and information are only valid for 60 days from the date of issue.

**WARNING:**

Telstra plans and location information conform to Quality Level 'D' of the Australian Standard AS 5488 - Classification of Subsurface Utility Information. As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D. Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing them. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy. Further on site investigation is required to validate the exact location of Telstra assets prior to commencing work. A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the assets are protected during construction works. See the **Before You Dig Australia - BEST PRACTISE GUIDES and The five Ps of safe excavation**

<https://www.byda.com.au/before-you-dig/best-practice-guides/>.

Please note that:

- it is a criminal offence under the *Criminal Code Act 1995* (Cth) to tamper or interfere with telecommunications infrastructure.
- Telstra will take action to recover compensation for damage caused to property and assets, and for interference with the operation of Telstra's networks and customers' services.

Telstra's plans contain Telstra's confidential information and are provided on the basis that they are used solely for identifying the location or vicinity of Telstra's infrastructure to avoid damage to this infrastructure occurring as part of any digging or other excavation activity. You must not use Telstra's plans for any other purpose or in a way that will cause Telstra loss or damage and you must comply with any other terms of access to the data that have been provided to you by Telstra (including Conditions of Use or Access).

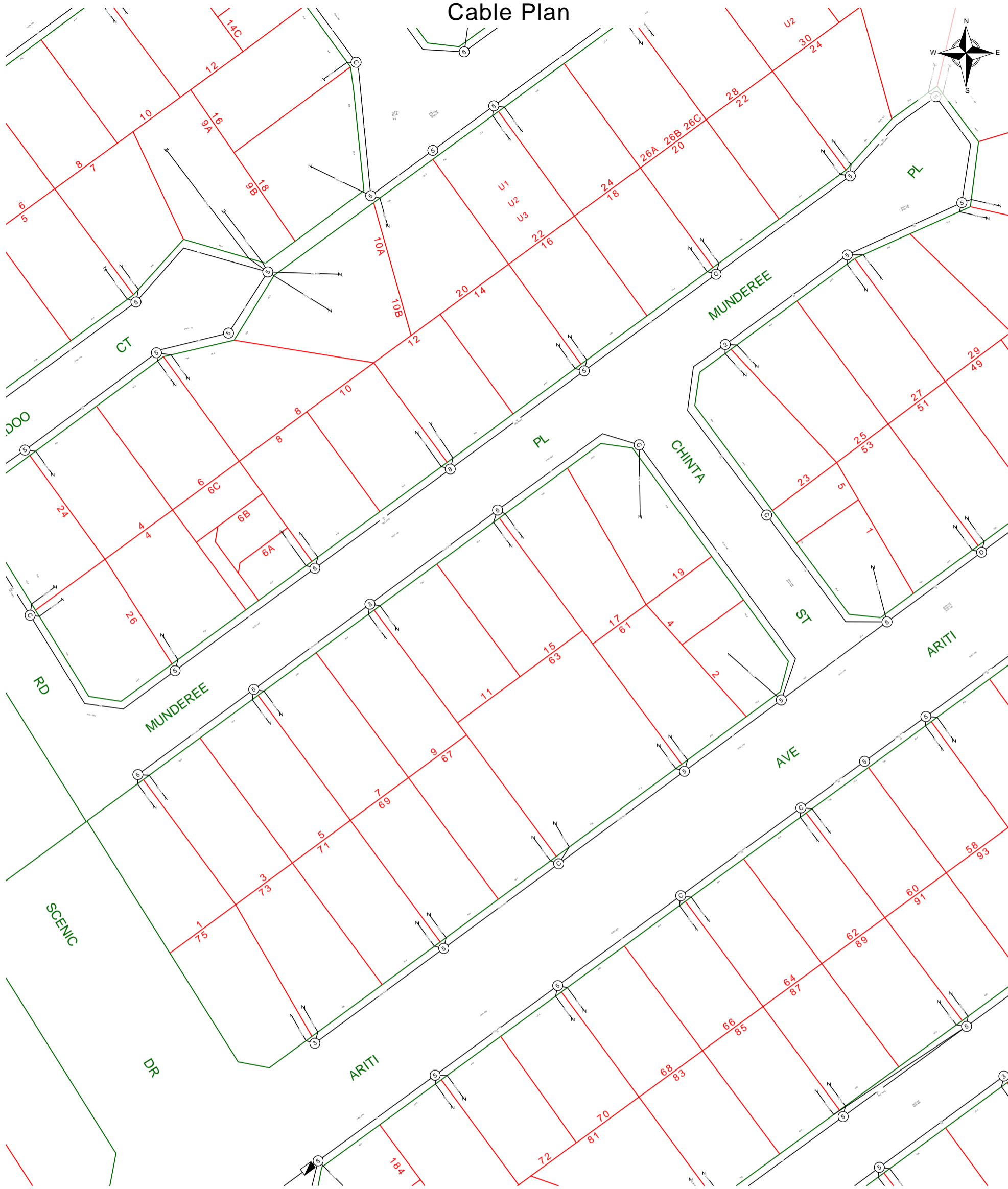
(See attached file: *Telstra Duty of Care v32.0c.pdf*)

(See attached file: *Telstra Map Legend v4\_0c.pdf*)

*(See attached file: AccreditedPlantLocators 2026-06-10a.pdf)*

*(See attached file: 275641261.pdf)*

# Cable Plan



Report Damage: <https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra/>  
 Ph - 13 22 03  
 Email - Telstra.Plans@team.telstra.com  
 Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries

Sequence Number: 275641261

TELSTRA LIMITED A.C.N. 086 174 781

Generated On 06/07/2026 11:32:06

**CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact InfraCo Plan Services should you require any assistance.**

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

**WARNING**  
 Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information. As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D. Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy. Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work. A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.



## General Information



Telstra highly recommends using Certified Locators.

For more info contact a [CERTLOC Certified Locating Organisation \(CLO\)](#) or Telstra Location Intelligence Team 1800 653 935



**Before you Dig Australia – BEST PRACTISE GUIDES**  
<https://www.byda.com.au/before-you-dig/best-practice-guides/>



### OPENING ELECTRONIC MAP ATTACHMENTS –

Telstra Cable Plans are generated automatically in either PDF or DWF file types. Dependent on the site address and the size of area selected. You may need to download and install free viewing software from the internet e.g.



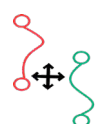
DWF Map Files (all sizes over A3)  
Autodesk Viewer (Internet Browser) <https://viewer.autodesk.com/> or  
Autodesk Design Review <http://usa.autodesk.com/design-review/> for DWF files.  
(Windows PC)



PDF Map Files (max size A3)  
Adobe Acrobat Reader <http://get.adobe.com/reader/>



Telstra New Connections / Disconnections  
13 22 00



Telstra Protection & Relocation: 1800 810 443 (AEST business hours only).

[Email](#)

Telstra Protection & Relocation Fact Sheet: [Link](#)

Telstra Protection & Relocation Home Page [Link](#)



Telstra Aerial Assets Group (overhead network)  
1800 047 909

### Protect our Network:

by maintaining the following distances from our assets:

- **1.0m Mechanical Excavators, Farm Ploughing, Tree Removal**
- **500mm Vibrating Plate or Wacker Packer Compactor**
- **600mm Heavy Vehicle Traffic (over 3 tonnes) not to be driven across Telstra ducts or plant.**
- **1.0m Jackhammers/Pneumatic Breakers**
- **2.0m Boring Equipment (in-line, horizontal and vertical)**

# Before You Dig Australia

## Think before you dig

This document has been sent to you because you requested plans of the Telstra network through Before You Dig Australia (BYDA).

If you are working or excavating near telecommunications cables, or there is a chance that cables are located near your site, you are responsible to avoid causing damage to the Telstra network.

Please read this document carefully. Taking your time now and following the **BYDA's Best Practices and 5 Ps of Safe Excavation** <https://www.byda.com.au/before-you-dig/best-practice-guides/>

can help you avoid damaging our network, interrupting services, and potentially incurring civil and criminal penalties.

Our network is complex and working near it requires expert knowledge. Do not attempt these activities if you are not qualified to do so.

# Disclaimer and legal details



\*Telstra advises that the accuracy of the information provided by Telstra conforms to Quality Level D as defined in AS5488-2013.

It is a criminal offence under the Criminal Code Act 1995 (Cth) to tamper or interfere with telecommunications infrastructure.

Telstra will also take action to recover costs and damages from persons who damage assets or interfere with the operation of **Telstra's** networks.

By receiving this information including the indicative plans that are provided as part of this information package you confirm that you understand and accept the risks of working near **Telstra's** network and the importance of taking all the necessary steps to confirm the presence, alignments and various depths of **Telstra's** network. This in addition to, and not in replacement of, any duties and obligations you have under applicable law.

When working in the vicinity of a telecommunications plant you have a "Duty of Care" that must be observed. Please read and understand all the information and disclaimers provided below.

The Telstra network is complex and requires expert knowledge to interpret information, to identify and locate components, to pothole underground assets for validation and to safely work around assets without causing damage. If you are not an expert and/or qualified in these areas, then you must not attempt these activities. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers. Construction activities and/or any activities that potentially may impact on Telstra's assets must not commence without first undertaking these steps. Construction activities can include anything that involves breaking ground, potentially affecting Telstra assets.

If you are designing a project, it is recommended that you also undertake these steps to validate underground assets prior to committing to your design.

This Notice has been provided as a guide only and may not provide you with all the information that is required for you to determine what assets are on or near your site of interest. You will also need to collate and understand all information received from other Utilities and understand that some Utilities are not a part of the BYDA program and make your own enquiries as appropriate. It is the responsibility of the entities undertaking the works to protect **Telstra's** network during excavation / construction works.

Telstra owns and retains the copyright in all plans and details provided in conjunction with the applicant's request. The applicant is authorised to use the plans and details only for the purpose indicated in the applicant's request. The applicant must not use the plans or details for any other purpose.

Telstra plans or other details are provided only for the use of the applicant, its servants, agents, or CERTLOC Certified Locating Organisation (CLO). The applicant must not give the plans or details to any parties other than these and must not generate profit from commercialising the plans or details.

Telstra, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the applicant, its servants and agents, and the applicant agrees to indemnify Telstra against any claim or demand for any such loss or damage.

Please ensure Telstra plans and information provided always remains on-site throughout the inspection, location, and construction phase of any works.

Telstra plans are valid for 60 days after issue and must be replaced if required after the 60 days.

## Data Extraction Fees

In some instances, a data extraction fee may be applicable for the supply of Telstra information. Typically, a data extraction fee may apply to large projects, planning and design requests or requests to be supplied in non-standard formats. For further details contact Telstra Location Intelligence Team.

Telstra does not accept any liability or responsibility for the performance of or advice given by a CERTLOC Certified Locating Organisation (CLO). Certification is an initiative taken by Telstra towards the establishment and maintenance of competency standards. However, performance and the advice given will always depend on the nature of the individual engagement.

Neither the Certified Locating Organisation nor any of its employees are an employee or agent for Telstra. Telstra is not liable for any damage or loss caused by the Certified Locating Organisation or its employees.

Once all work is completed, the excavation should be reinstated with the same type of excavated material unless specified by Telstra.

The information contained within this pamphlet must be used in conjunction with other material supplied as part of this request for information to adequately control the risk of potential asset damage.

When using excavators and other machinery, also check the location of overhead power lines.

Workers and equipment must maintain safety exclusion zones around power lines

**WARNING:** Telstra plans and location information conform to Quality Level 'D' of the Australian Standard AS 5488 - Classification of Subsurface Utility Information. As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D. Refer to AS 5488 for further details. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans. **FURTHER ON SITE INVESTIGATION IS REQUIRED TO VALIDATE THE EXACT LOCATION OF TELSTRA PLANT PRIOR TO COMMENCING CONSTRUCTION WORK.** A plant location service is an essential part of the process to validate the exact location of Telstra assets and to ensure the assets are protected during construction works. The exact position of Telstra assets can only be validated by physically exposing them. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

## Privacy Note

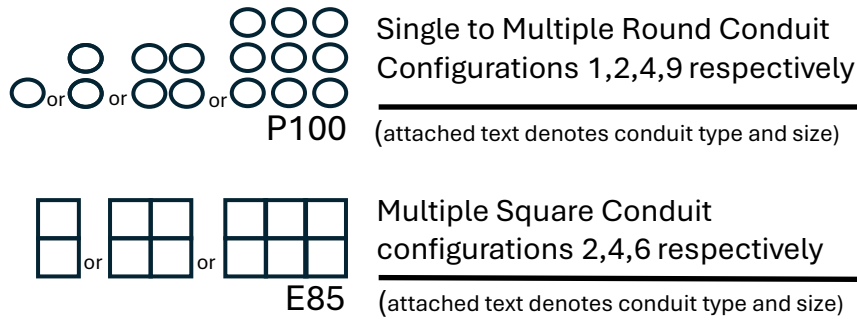
Your information has been provided to Telstra by BYDA to enable Telstra to respond to your BYDA request. Telstra keeps your information in accordance with its privacy statement. You can obtain a copy at [www.telstra.com.au/privacy](http://www.telstra.com.au/privacy) or by calling us at 1800 039 059 (business hours only).

# LEGEND



	<b>Lead-in terminates at a Customer Address</b>
	<b>Exchange</b> Major Cable Present
	Pillar / Cabinet Above ground Free Standing
	Above ground Complex Equipment Please note: Powered by 240v electricity
OC	Other Carrier Telecommunication Cable/ Asset. Not Telstra Owned
DIST	Distribution cables in Main Cable Ducts
MC	Main Cable ducts on a Distribution Plan
	Blocked or Damaged Duct
	Footway Access Chamber (can vary between 1-lid to 12-lid)
	NBN Pillar
	Third Party Owned Network Non-Telstra

	Cable Jointing Pit Number / Letter indicating Pit type/size
	Elevated Joint (above ground joint on buried cable)
	Telstra Plant in shared Utility trench
	Aerial cable / or cable on wall
	Aerial cable (attached to joint use Pole e.g., Power Pole)
	Marker Post Installed
	Buried Transponder
	Marker Post & Transponder
	Optical Fibre Cable Direct Buried
	Direct Buried Cable
	nbn owned network



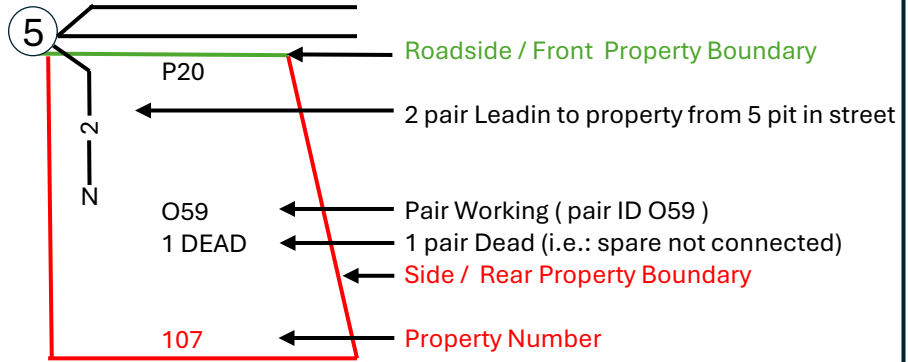
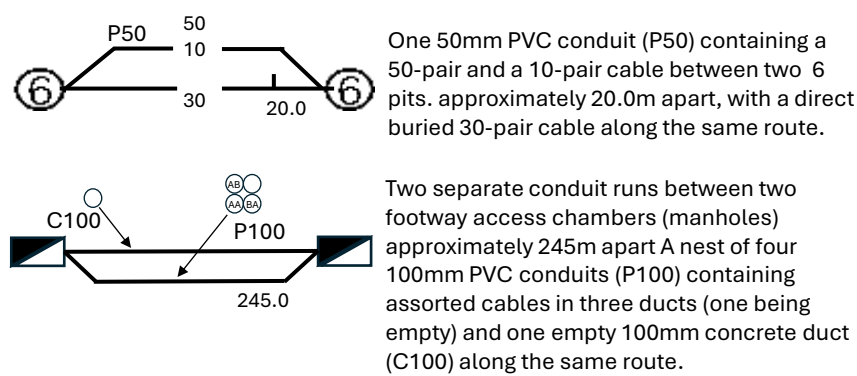
**Some examples of conduit type and size:**

A - Asbestos cement, P - PVC / Plastic, C - Concrete, GI - Galvanised Iron, E - Earthenware

Conduit sizes nominally range from 20mm to 100mm

P50 50mm PVC conduit  
P100 100mm PVC conduit  
A100 100mm asbestos cement conduit

## Some Examples of how to read Telstra Plans



# The 5 Ps of Safe Excavation

<https://www.byda.com.au/before-you-dig/best-practice-guides/>

<h2>Plan</h2> <p>Plan your job. Use the BYDA service at least one day before your job is due to begin, and ensure you have the correct plans and information required to carry out a safe project.</p>	<h2>Prepare</h2> <p>Prepare by communicating with asset owners if you need assistance. Look for clues onsite. Engage a Certified Locator.</p>	<h2>Pothole</h2> <p>Potholing is physically sighting the asset by hand digging or hydro vacuum extraction.</p>	<h2>Protect</h2> <p>Protecting and supporting the exposed infrastructure is the responsibility of the excavator. Always erect safety barriers in areas of risk and enforce exclusion zones.</p>	<h2>Proceed</h2> <p>Only proceed with your excavation work after planning, preparing, potholing (unless prohibited), and having protective measures in place.</p>
--	---	--	---	---

**Referral**  
275641260

**Member Phone**  
13 13 95

## Responses from this member

**Response received** Mon 6 Jul 2026 8.49am

<b>File name</b>	<b>Page</b>
Response Body	35
275641260 - Water Corp - Critical Water Assets Plan.pdf	36
275641260 - Water Corp - Sewer Assets Plan.pdf	37
275641260 - Water Corp Cover letter.pdf	38
Information Brochure - Legend.pdf	39
Public Safety - Excavation.pdf	41



ATTENTION: Michelle Ralph

PLEASE DO NOT SEND A REPLY TO THIS EMAIL AS IT HAS BEEN  
AUTOMATICALLY GENERATED AND REPLIES ARE NOT MONITORED.

Thank you for your BYDA enquiry.

BYDA Job no.: 53611588

Sequence no.: 275641260

Requested Location Address:

15 Munderee Place  
Wanneroo WA 6065

Attached are the files related to your recent BYDA request. Please review all the  
attached documentation carefully.

For any enquiries, contact Asset Protection at  
**POS\_enquiries@watercorporation.com.au.**

**Important Note:** Plans are now provided as separate attachments - please ensure  
you review all attached documents.

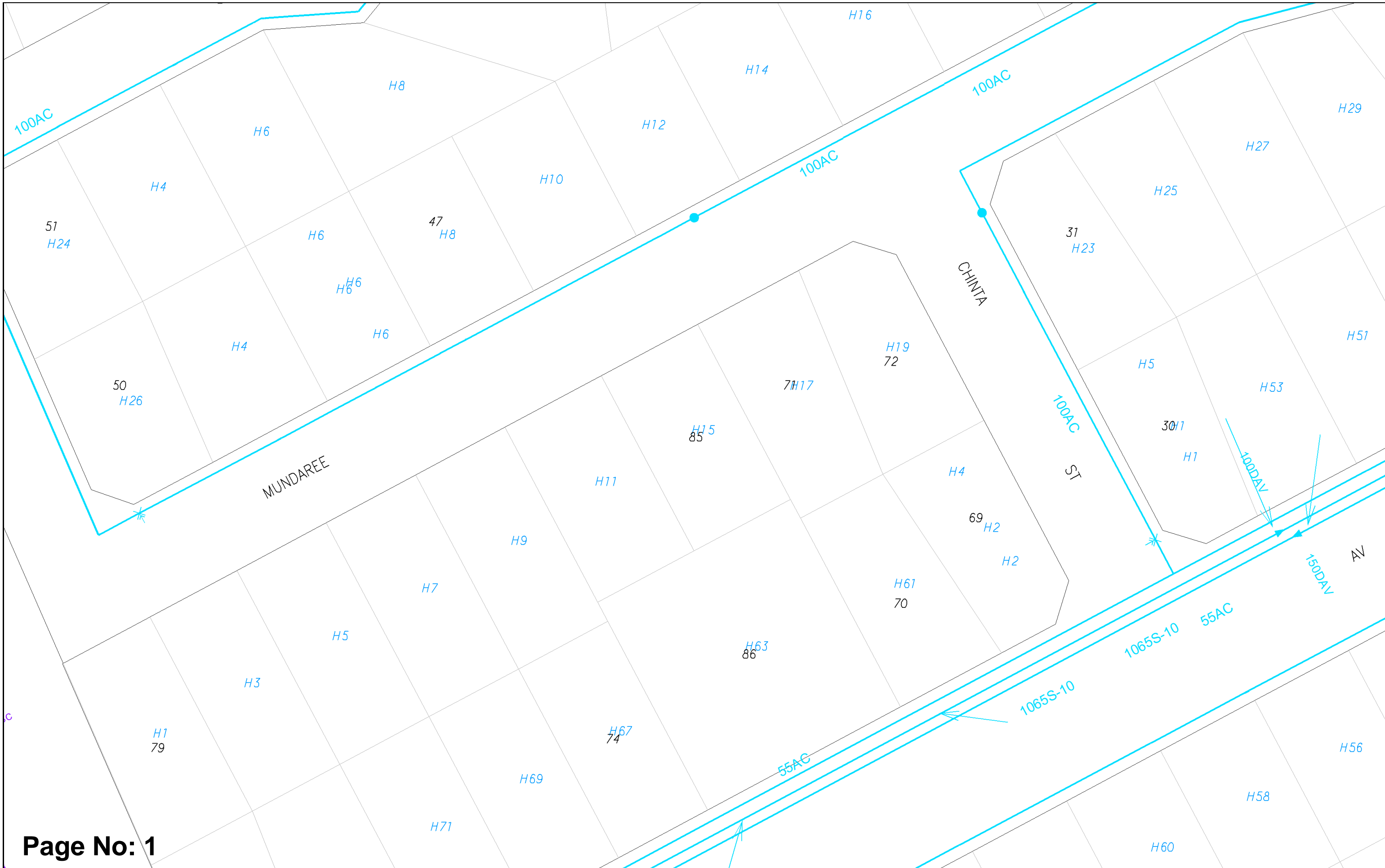
If you have received this email in error, please let us know by contacting  
**POS\_enquiries@watercorporation.com.au.** and quoting the Sequence Number  
listed above.

If you are unable to launch any of the files for viewing and printing, you may need to download and install  
free viewing and printing software such as [Adobe Acrobat Reader \(for PDF files\)](#)

PelicanCorp

Compiled with TicketAccess by PelicanCorp





Page No: 1



Scale: 1:750  
 Job No.: 53611588  
 Sequence No.: 275641260  
 Print Date: 06 Jul 2026



Water

**WARNING ASSET PROTECTION APPROVAL MAY BE REQUIRED**  
 Apply for approval to work near our assets at:  
[Working near assets \(watercorporation.com.au\)](http://watercorporation.com.au)  
 Unauthorised work within prescribed proximities of Water Corporation Assets is prohibited.

The Water Corporation has taken due care in the preparation of this map but accepts no responsibility for any inaccuracies or inappropriate use. This plan may be reproduced in its entirety for the purpose of site work planning but shall not otherwise be altered or published in any form without the permission of the Water Corporation. The Water Corporation may need to be advised of any planned ground disturbing activities near facilities on this map. Refer to Brochure - "Protecting Buried Pipelines". Please report any inaccuracies to Asset Registration Team by email to [asset.registration@watercorporation.com.au](mailto:asset.registration@watercorporation.com.au).



Scale: 1:750  
 Job No.: 53611588  
 Sequence No.: 275641260  
 Print Date: 06 Jul 2026



Sewer

The Water Corporation has taken due care in the preparation of this map but accepts no responsibility for any inaccuracies or inappropriate use. This plan may be reproduced in its entirety for the purpose of site work planning but shall not otherwise be altered or published in any form without the permission of the Water Corporation. The Water Corporation may need to be advised of any planned ground disturbing activities near facilities on this map. Refer to Brochure - "Protecting Buried Pipelines". Please report any inaccuracies to Asset Registration Team by email to [asset.registration@watercorporation.com.au](mailto:asset.registration@watercorporation.com.au).

## WATER CORPORATION UNDERGROUND ASSET DETAILS

### Requestor details:

Michelle Ralph  
Realmark Urban  
658 Newcastle Street  
Leederville WA 6007  
Phone: +61412058910

**Sequence No:** 275641260  
**BYDA Job No:** 53611588  
**Enquiry Date:** 06 Jul 2026  
**Issue Date:** 06 Jul 2026

### Requested location details:

**Address:** 15 Munderee Place, Wanneroo WA 6065

**Note:** The response for this enquiry has been interpreted from details in the picture location only.

### Water Corporation asset impact:

#### **WARNING - CRITICAL PIPELINES FOUND**

The area you requested contains a critical pipeline. You may need to contact us with regard to this request prior to digging – see attached documents.

### Important:

1. Plans show approximate location only – verify location by potholing before using powered machinery.
2. Please read all information and attachments.
3. All documents must be kept together and retained on site by the work team.
4. This information is valid for 30 days from date of issue.




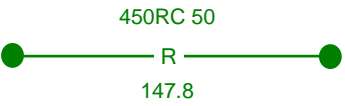
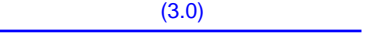

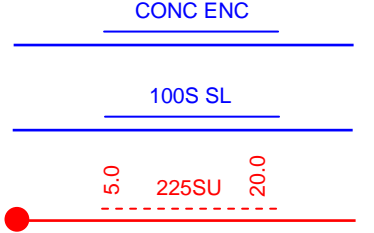
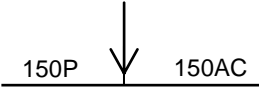
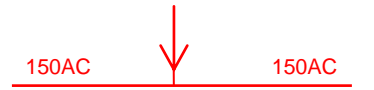

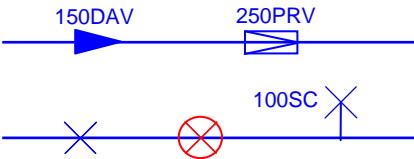
# Plan Legend (summary)

## INFORMATION BROCHURE



This legend is provided to [Dial Before You Dig](#) users to assist with interpreting Water Corporation plans. A more detailed colour version can be downloaded from [www.watercorporation.com.au](http://www.watercorporation.com.au). (Your business > Working near pipelines > Downloads)

**WARNING - Plans may not show all pipes or associated equipment at a site, or their accurate location. Pothole by hand to verify asset location before using powered machinery.**

  <p style="text-align: center;"><i>CANNING TRUNK MAIN</i></p>  	<p><b>WATER, SEWERAGE AND DRAINAGE PIPELINES</b></p> <p><b>CRITICAL PIPELINE (thick line) EXTRA CAUTION REQUIRED</b> A risk assessment may be required if working near this pipe. Refer to your <a href="#">Dial Before You Dig</a> information or call 131375.</p> <p>Pipes are not always labelled on plans as shown here – assume all pipes are significant and pothole to prove location and depth.</p> <p>P.M. pressure main M.S. main sewer R rising main (i.e. drainage pressure main)</p> <p><b>Common material abbreviations:</b></p> <p>AC asbestos cement e.g. 100AC NOTE: AC is brittle and is easily damaged. CI cast iron GRP glass reinforced plastic P PVC - class follows pipe material (e.g.100P-12) RC reinforced concrete S steel VC vitrified clay</p>
	<p><b>NON-STANDARD ALIGNMENT</b></p> <p>Pipes are not always located on standard alignments due to local conditions. (i.e. Other than 2.1 m for reticulation mains and 4.5 m for distribution mains.)</p>
	<p><b>OTHER PIPE SYMBOLS</b></p> <p>Other numbers or codes shown on pipes are not physical attributes. These are Water Corporation use only.</p>
	<p><b>CONCRETE ENCASEMENT, SLEEVING AND TUNNELS</b></p> <p>May be in different forms: steel, poured concrete, box sections, slabs.</p> 
	<p><b>CHANGE INDICATOR ARROW</b></p> <p>Indicates a change in pipe type or size. e.g. 150mm diameter PVC to 150mm diameter asbestos cement (AC).</p>
	<p><b>PIPE OVERPASS</b></p> <p>The overpass symbol indicates the shallower of the two pipes.</p>
	<p><b>VALVES</b></p> <p>Many different valve types are in use. Valve may be in a pit or have a visible valve cover. There may be no surface indication.</p> <p>Valves may be shallower than the main or offset from it. e.g. A scour valve (SC) may have a pipe coming away from main pipeline on the opposite side to that indicated on the plan.</p>



100P-DOMS



100S FS

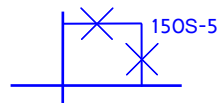
**FIRE SERVICES**

100 mm polythene domestic (DOMS) service

FS Fire service

FHS Fire hydrant service

Hydrant may be visible external to the building. Even if not visible a substantial fire service may still be present.



150S-5

**PIPE BYPASS**

Bypass will not be on the same alignment as the main pipeline.



**CATHODIC PROTECTION (CP)**

Buried CP equipment may be located some distance from the pipeline being protected interconnected by buried cable. All CP fittings may not be visible.

A buried anode – various sizes and configurations

TP test point - may be visible on a post or in-ground

TR transformer rectifier



MH

SAP

**ACCESS TEE OR MANHOLE OR SERVICE ACCESS PIT**

NOTE: Opening any manhole or pit is dangerous and is prohibited.

Below ground. May not be any visible signs at ground level or may be located in a pit.



MS

**WASTEWATER ACCESS CHAMBERS (MANHOLES)**

-- Manhole (shown not labelled)

-- Tee or maintenance shaft (shown not labelled)

MS maintenance shaft (labelled)

WARNING: Opening any manhole or pit is dangerous and is prohibited.

26.24  
V1234  
7.0 ASE  
2.0 FSW

4.01  
0438  
4.2 FE  
1.0 FN

**WASTEWATER MANHOLE INFORMATION BOXES**

Square non-trafficable Do not drive vehicles over or place loads.

Round trafficable

In general if not located in the road treat as if non-trafficable.



**HAZARDOUS MANHOLE**

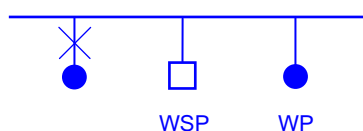
Indicates a potential health hazard from risk of exposure to toxic waste.

WARNING: Opening any manhole is dangerous and is prohibited.



**FLOWMETER**

Various types of flow meters located in a pit. May be labelled with identifier. (e.g. 50 MFM, 50MM)

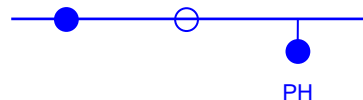


WSP

WP

**STANDPIPE, WATER SAMPLING POINT (WSP), WATER SUPPLY POINT (WP)**

May be located adjacent to mains. Usually there will be some visible indication.



PH

**Hydrant**

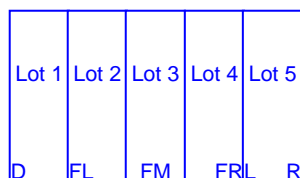
May not be visible.

**Hydrant Tee**

May not be visible.

**Pillar hydrant**

Visible



**PRE-LAID SERVICES**

D Deferred

FL Fully Pre-laid Left

FM Fully Pre-laid Front Middle

FR Fully Pre-laid Right

L Left

R Right

Code indicates on which side of a lot the water service is located:

May be no visible indication at site.

SOUTH PERTH PS1



**SEWER OR DRAINAGE PUMP STATION**

Several pipes and a pressurised main will be in the vicinity.



**OPEN CHANNEL**

OA Landscaped

OE Normal Open Earth

OF Open channel with flood levee

OH Half Pipe

OL Lined Channel

OS Swale-Shallow Depression

OW Natural Water Course

Drainage structures, even if dry, must be kept clear of any obstruction such as sand stockpiles.

# Excavation

Excavation can be dangerous, especially if you're digging without knowing what's below. If you're excavating, it's your responsibility to locate Water Corporation assets and prevent contact to keep you, your team and the community safe.

This information is important if you're a planner, construction worker, supervisor, or in similar roles.

## Duty of care

The safety of your workers and the public remains your responsibility, as per [Work Health and Safety Regulations 2022](#) - Reg 34, 35 & 36.

Make sure you positively locate all assets before excavating and have a safe system of work. All work must be in accordance with the relevant acts, regulations, standards and codes of practice.

## Risk of working near our assets

Water Corporation has a vast network with different risks depending on the asset and location:

- **Energy release:** sudden release of high pressure or high flowing water, which can result in collapse of excavations, buildings and impact to people. The sudden release of large volumes of water under pressure is dangerous and can lead to drowning, significant structural damage, community or supply disruption and traffic hazards.
- **Electricity:** electric shock exposure due to asset age, electrical assets located close to our pipelines, electric faults, equipment failure and lightning.
- **Falls:** pits and access chambers, which create fall and drowning risks.
- **Hazardous materials:** biohazards from the release of wastewater with infectious agents and toxic or flammable gases. Pipelines may contain or be coated with hazardous materials.

Secondary hazards may result from damage or disruption to Water Corporation infrastructure.

It's important to assess the risks associated with your work.

Ensure you have your Before You Dig Australia (BYDA) plans.

Lodge a free enquiry online  
[www.byda.com.au](http://www.byda.com.au)

## Before you dig – remember the 5 Ps:

1. Plan	2. Prepare	3. Pothole	4. Protect	5. Proceed
<ul style="list-style-type: none"><li>• Plan ahead by lodging your BYDA enquiry, and ensure you have the correct information to carry out work safely.</li><li>• Plan ahead by applying for an APRA on our website. Search Working Near Our Assets.</li></ul>	<ul style="list-style-type: none"><li>• Prepare by reviewing the utility plans and contact the asset owners if you need help.</li><li>• Perform a site inspection- identify any surface indicators of underground asset clues such as pit lids, marker posts and meters.</li><li>• Engage a skilled locator to locate assets electronically before potholing</li></ul>	<ul style="list-style-type: none"><li>• Pothole, using the asset owner's stated method as specified on the plans and information pack.</li><li>• Pothole methods include hand digging and hydro vacuum extraction</li><li>• Backfill potholes on completion</li></ul>	<ul style="list-style-type: none"><li>• Protect any exposed utility assets, ensure to contact the utility providers and seek direction</li></ul>	<ul style="list-style-type: none"><li>• Proceed with care -once all checks have been completed and all relevant permits and authorisations are granted.</li></ul>

Never rely on BYDA plans on as the sole means of locating assets; follow all five steps.

Never use an excavator to identify the underground asset.

## Our danger zones

Water Corporation assets have a prescribed proximity. These vary due to asset size and type. It's important to know the danger zones to keep yourself safe. Locate the assets before performing work. Excavations can undermine assets, so always follow the [Excavation: Code of practice](#).

Approval is required if your proposed work is in, on, over, under or within the prescribed proximities to our assets (as per [Water Services Act 2012](#)– Sections 88 and 90).

Type of work	Asset type	Asset size	Prescribed proximity (distance from the asset)
<i>Including movement of heavy vehicles, ground compaction, dewatering, earthworks, open and trenchless excavations</i>	Sewer pipelines	All	2m
	Main drains		
	Water supply pipelines	< 300mm diameter	4m
	Water supply pipelines	≥ 300mm diameter	6m
	Sewer pressure pipelines	All	
	Drainage pressure mains		

Prescribed proximity information taken from the Water Corporation [Technical Guidelines](#).


## Changes to site conditions

If site conditions change, stop work and reassess the risks.

## Contact for support

Asset Protection: [POS\\_enquiries@watercorporation.com.au](mailto:POS_enquiries@watercorporation.com.au)

Technical and Building enquiries: visit our [website](#) or call 13 13 95



To get our approval visit [Working near our assets](#)

## In case of emergency

Life-threatening emergency; contact Emergency Services on 000.

Water or wastewater emergencies; contact Faults and Emergencies (24/7) on 13 13 75.

## Disclaimer

Any plans or other information provided by Water Corporation must be used as a guide only. Plans (including the location of pipes and other assets) are approximate only and it is your responsibility to locate the exact location of Water Corporation assets before commencing work. Water Corporation does not warrant or make any representation as to the accuracy, completeness, reliability, currency, quality or fitness for purpose of any plans or other information (including, but not limited to, the accuracy of the scale of, or the location of, anything shown on any plan or diagram).

**Referral**  
275641258

**Member Phone**  
13 10 87

## Responses from this member

**Response received** Mon 6 Jul 2026 8.51am

<b>File name</b>	<b>Page</b>
Response Body	44
275641258 - Western Power - HV-LV Plan.pdf	45
275641258 - Western Power - Overhead Plan.pdf	46
275641258 - Western Power Response letter.pdf	47
Western Power - Safety Brochure.pdf	52



ATTENTION: Michelle Ralph

PLEASE DO NOT SEND A REPLY TO THIS EMAIL AS IT HAS BEEN  
AUTOMATICALLY GENERATED AND REPLIES ARE NOT MONITORED.

Thank you for your BYDA enquiry.

BYDA Job no.: 53611588

Sequence no.: 275641258

Dig site location:

15 Munderee Place

Wanneroo WA 6065

Attached are the files containing Western Power information relating to your recent BYDA request. Please read and understand all the attached documentation provided and call [13 10 87](tel:131087) if you have any queries.

Note: Plans are now supplied as separate attachments - please ensure that you review all attached documents

If you have received this email in error, please advise us by calling [13 10 87](tel:131087) and quote the Sequence Number listed above.

If you are unable to launch any of the files for viewing and printing, you may need to download and install free viewing and printing software such as [Adobe Acrobat Reader \(for PDF files\)](#).

PelicanCorp

Compiled with TicketAccess by PelicanCorp



### UNDERGROUND LEGEND

Structures	
	Pillar
	Service Pits
	Metal Pole
	Transformer Site
	UG Crossing *
	Ring Main Unit
	LV Distribution Frame

Distribution Cables	
	High Voltage Cable (1kV - 33kV)
	Low Voltage Cable (< 1kV)
	Street Light Circuit (< 1kV)
	Street Light Pilot (< 1kV)
	Earth Wire

Cable Pole Terminations	
	HV Termination
	LV Termination

Proposed Construction Assets	
	Design Area *
	High Voltage Underground Cable
	Low Voltage Underground Cable
	Metal Pole
	Pillar
	Transformer site
	HV Termination
	LV Termination

State Underground Power Project	
	CURRENT Work Area *
	COMPLETED Area *

Feature	
	Area of Interest

\* Please refer to coversheet

**Privately owned cables NOT SHOWN (including house services)**

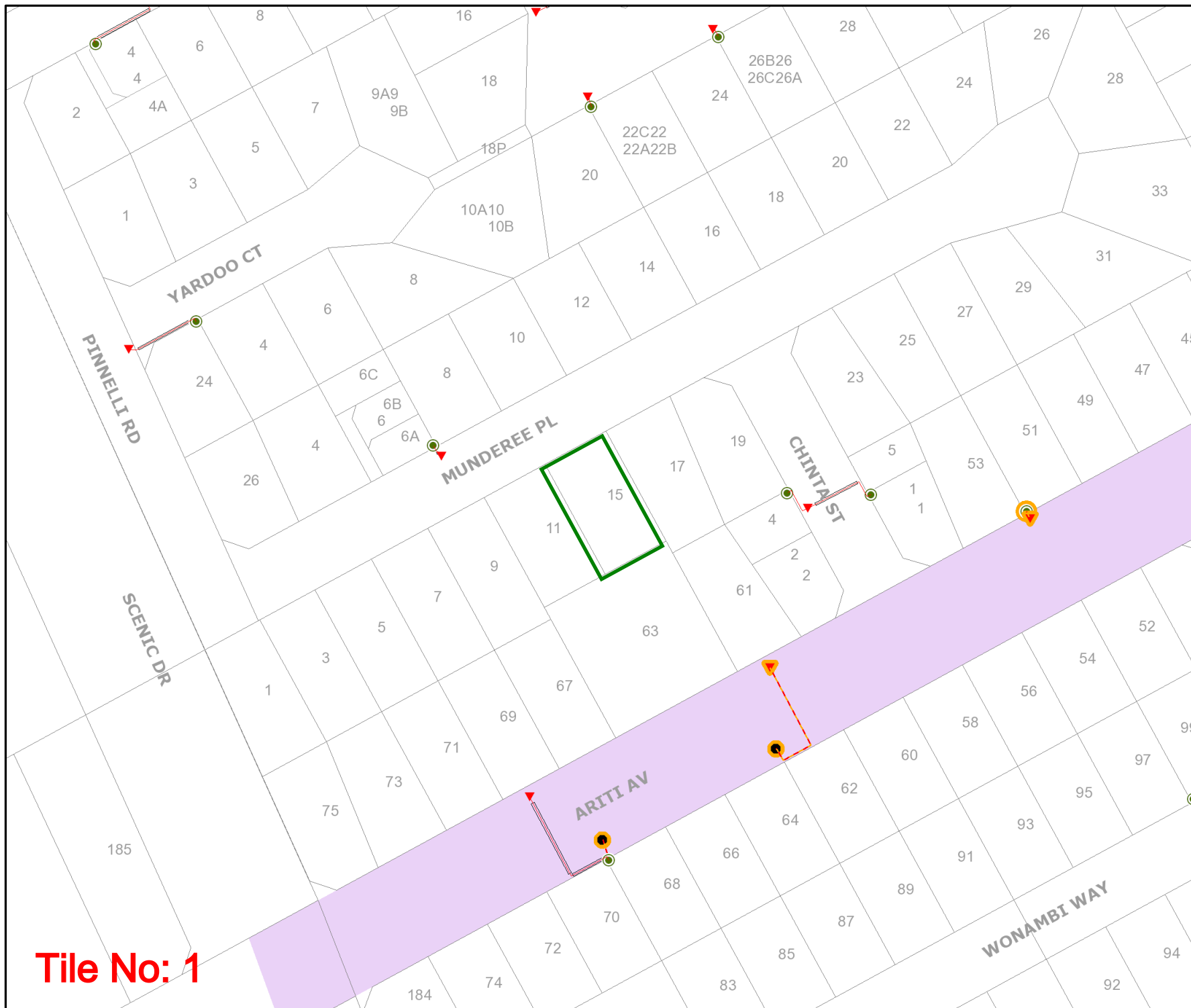
This map is **INDICATIVE ONLY**.  
Hand exposure via pothole method is **MANDATORY**.

Customer Service  
Telephone: 13 10 87  
Mon to Fri - 08:00 to 16:30

Information valid for 30 days from date of issue

A4 Scale : 1:1500

**WARNING! Look out for overhead power lines**



**Tile No: 1**

### OVERHEAD LEGEND

#### Structures

- Power Pole
- Transmission Poles

#### Transmission Overhead Powerline

- Transmission (33kV - 330kV)

#### Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

#### Proposed Construction Assets

- Design Area \*
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

#### Communications Assets

- Overhead Pilot Cable

#### Feature

- Area of Interest

\* Please refer to coversheet

**Privately owned cables NOT SHOWN (including house services)**

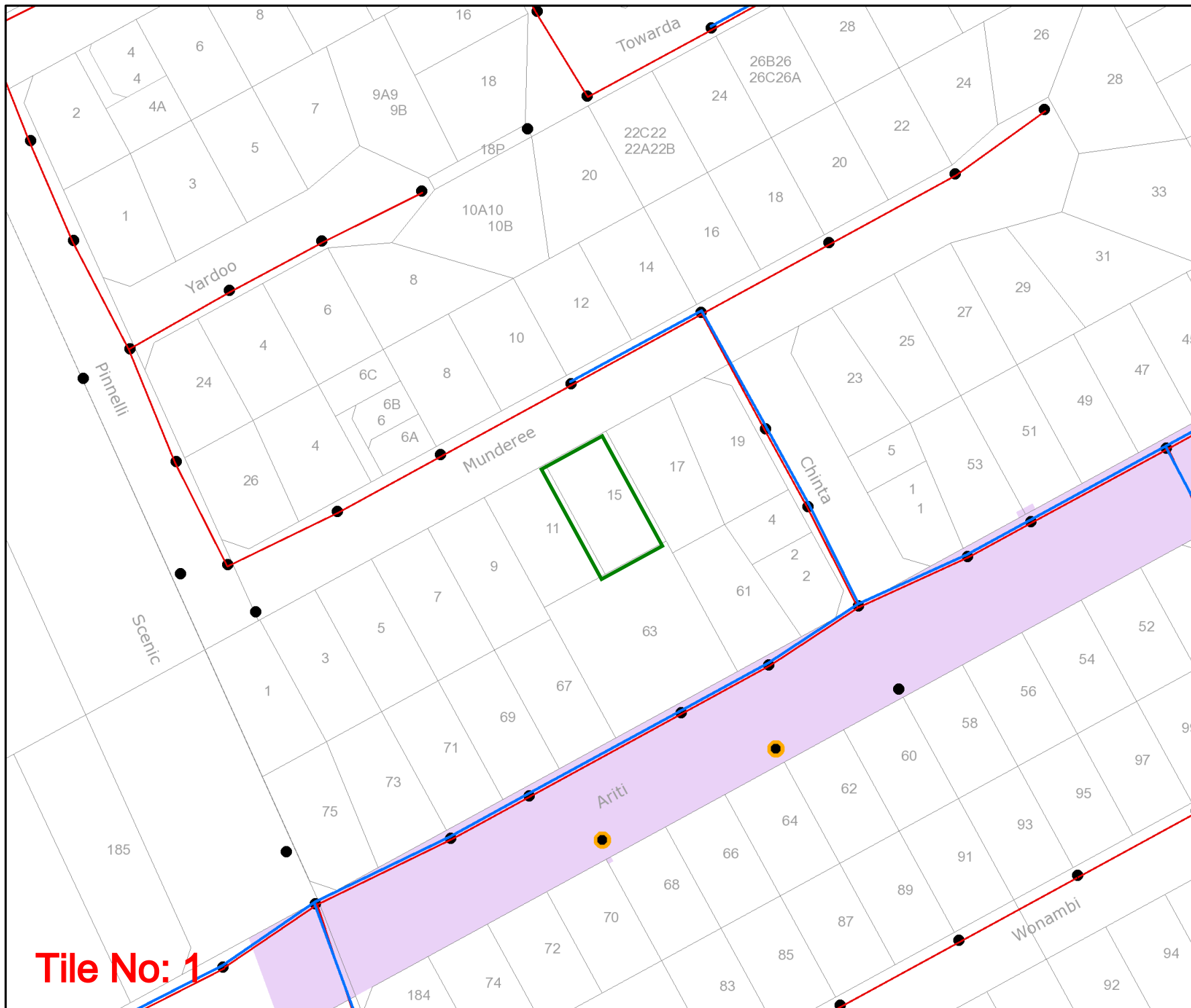
This map is **INDICATIVE ONLY**.  
Check that you have enough clearance from the **DANGER ZONES** near overhead powerlines.

**Customer Service**  
Telephone: 13 10 87  
Mon to Fri - 08:00 to 16:30

Information valid for 30 days from date of issue

A4 | Scale : 1:1500

**WARNING! Look out for overhead power lines**





**Date:** 06 Jul 2026

**To:** Michelle Ralph  
**Company:** Realmark Urban  
**Phone Details:** +61412058910  
**Email Address:** qqojpb5lx5gno9.xw12jy9i5f1dyz@smarterwx-mail.byda.com.au

**Sequence Number:** 275641258  
**Job Number:** 53611588  
**Dig Site Location:** Wanneroo, WA 6065

## Before You Dig Australia information sheet

This information related to both underground and overhead network assets and is valid for **30 days from the date of issue. You must refer to current plans at all times.**

- **The Energy Operators (Powers) Act 1979 makes it an offence to damage Western Power’s network.**
- **The Work Health and Safety (General) Regulations establish restrictions for working safely around the Western Power network.**
- **Western Power’s Network Policy and Standards along with applicable easement conditions establish restrictions for development around the Western Power network.**

It is the duty of care of persons planning to work or develop around Western Power’s network to comply with the requirements of these statutory obligations and any other legislation, standard or guidance relevant.

### Western Power’s network assets are classified below:

Network Asset	Classification
Transmission	66kV or greater
Distribution	33kV or less (including low voltage)
Communication and other cables	communications, pilot cables, fibre optics, earths

### General information

- Any information provided is a guide only and is subject to conditions of use
- Not all underground assets may be shown. If you discover a cable NOT shown on your map or you wish to clarify the construction status of assets in Design Areas, contact Western Power on **13 10 87**.
- You must make use of safe non-destructive methods (including, but not limited to, the 5 Ps) before carrying out any excavation work. It is mandatory for the customer/excavator/contractor to physically locate all services before excavating.



363 Wellington Street Perth 6000  
GPO Box L921 Perth WA 6842  
[westernpower.com.au](http://westernpower.com.au)



† 13 10 87  
f (08) 9225 2660  
TTY 1800 13 13 51  
TIS 13 14 50

Electricity Networks Corporation  
ABN: 18 540 492 861

- Never assume the depth and alignment of cables. It may vary over time, depending on ground condition, age of the cable, road resurfacing, landscaping, etc.
- If you are unsure, you should stop work and refer to a qualified service locator.
- You can refer to the Utility Providers Code of Practice for Western Australia for further information regarding street works in public road reserves

### Danger zones and minimum approach distances

A person conducting a business or undertaking or a person with management of control of a workplace is required under the *Work Health and Safety (General) Regulations 2022* to ensure that a worker (or plant or material of the worker) does not come within an unsafe distance of an underground powerline or within the danger zone for an overhead powerline. A danger zone represents an area of high risk when working and developing around the Western Power overhead network. It is a requirement to work and develop outside of these areas.

### Minimum approach distances for underground cables

You should only commence digging once you have visually identified the location of underground services. We require you to meet the following minimum approach distances:

Nominal voltage	Minimum approach distance	
	Power tool or plant	Non-powered hand tool/non-destructive digging
Up to and including 1,000V (low voltage)	30cm	Approach with care, avoid contact
1,000V up to and including 33kV (high voltage)	50cm	
Greater than 33kV up to and including 330kV (transmission)	3m (Western Power must assess any works within 3m of cables 33kV and above)	

### Danger zones for overhead powerlines:

Nominal voltage	Minimum approach distance
Low voltage (0 – 1000 volts)	1m
High voltage (>1000 to 33,000 volts)	3m
Transmission (>33,000 to 330,000 volts)	6m

If you propose to work/develop within or close to these areas, contact our Customer Service Centre on 13 10 87. Please allow adequate time before you commence work to discuss your options.

### Easements

Works within a Western Power easement area are required to comply with applicable restrictions under Western Power's standard easement conditions. These conditions are established under the relevant easement document on the Certificate of Title which can be obtained from Landgate at your own cost (additional fees may apply).

If there is no easement, you must still follow Western Power's Network Policy and Standards (available at <https://www.westernpower.com.au/industry/manuals-guides-standards/> or by calling **13 10 87**).

### Map legend information

Label	Meaning
Proposed Construction Assets	Overhead/underground assets may possibly be found in the Design Area shaded on the plan.
Design Area	Fieldworks are possibly in progress or just completed and the plans supplied may differ from the current state in the ground or overhead.
UG Crossing	There could be multiple underground ducts at that location.

### Not depicted on Western Power Before You Dig Australia plans

Label	Meaning
Cables within a private property	For example, from pillar (green dome) to your electric meter. A cable-locating company will have to be contacted for on-site locations in the private property.

### State Underground Power Program (SUPP) in progress or completed

Retrospective large-scale undergrounding of power and/or communications assets has been identified in the vicinity of your enquiry.

Please refer to the attached plan(s), for instructions or additional information.

### Large Scale Undergrounding in Progress

Not all underground assets shown, there may be uncommissioned underground assets installed. Attached plan does not depict all Western Power underground activity.

## Conditions on the use of information

The following are conditions on which Electricity Networks Corporation (**Western Power**) provides this Information Sheet and accompanying or related plans, diagrams, drawings and data (**Information**) to you (**the User**). These conditions are in addition to any obligations the User may have under law. You must immediately report any damage to Western Power's assets by calling Western Power on 13 13 51.

These conditions do not purport to limit or otherwise exclude the application of any term, warranty or condition that cannot be excluded by law, including but not limited to those contained in Schedule 2 of the *Competition and Consumer Act 2010* (Cth) and corresponding provisions.

By taking the Information Sheet and/or making any use of the Information, the User (and their servants and agents) acknowledge and accept:

1. There are risks associated with works near powerlines which may lead to service disruptions, property damage, serious injury or death;
2. While working in the vicinity of Western Power's assets, the User has a duty of care to Western Power to avoid loss or damage to Western Power's assets;
3. The Information is a guide only and may not correspond with the precise location of Western Power's assets;
4. The Information is valid for 30 days only from the date of issue and must be replaced if required after the 30 days.
5. The User relies upon the Information at their own risk;
6. The User must use safe and non-destructive methods to confirm the location of Western Power's assets (including safe work practices such as the 5 Ps and engaging qualified service locators at the User's cost) ;
7. The User must comply with the obligations referred to in this Information Sheet and in the Information in addition to any obligations imposed by law; and
8. The User must make enquiries with other utilities or property owners that may have cables or services in the area (including any that do not participate in the Before You Dig Australia program).

Western Power and each of its servants or agents:

1. Do not make or give any representation or warranty, express or implied, as to the accuracy, reliability, currency, timeliness or completeness of the Information;
2. Disclaim to the fullest extent the law permits and will not be liable or responsible for, any liability, loss or damage, whether direct or indirect (and whether or not arising out of negligence, breach of duty or statutory duty, or lack of care, of Western Power and its servants or agents or of any of them) arising out of, or in connection with, any use or reliance on the Information; and
3. Are under no obligation to correct, update or revise the Information.

Western Power's assets are lawfully placed in accordance with the *Energy Operators (Powers) Act 1979* (WA) and it is an offence under the Act for an unauthorised person to interfere with Western Power's network assets. Western Power reserves its rights to:

1. recover any loss or damage to its assets caused by any person (including legal costs and interest); and
2. refer any unauthorised person for prosecution under the *Energy Operators (Powers) Act 1979* (WA).

Western Power owns the copyright in this Information Sheet and accompanying Information. The User must not use or reproduce any part of the Information Sheet or the Information for any other purpose without the written consent of Western Power.



# Planning ahead to work safe

**360  
AWARE**



**Your safety is our number one priority. The guidelines set out in this fact sheet have been developed for use alongside existing standards and codes of practice that apply to your industry.**

Please refer to these when putting any risk management procedures in place before working around electrical assets. To reduce risk, we recommend you plan for works away from these assets as a priority.

### **Fulfilling your safety obligations**

Working around electricity, whether underground or overhead, is high risk work. If you are overseeing a work area you must ensure no person, plant or materials enters the danger zone of an overhead powerline or other electrical assets. The danger zone is set out in the Work Health and Safety (General) Regulations 2022.

If there is a risk that work you are carrying out might interfere with any electrical services you must:

- establish the location of the service/s that might be affected
- have an accurate diagrammatic representation of the service that might be impacted by works, at the workplace before work commences.

Please refer to the Work Health and Safety (General) Regulations 2022 to find out more about your responsibilities.

# Know what you're working near?

When assessing a work area you need to know the location and voltage of any underground power cables and overhead assets nearby. To obtain this information please visit Before You Dig Australia at [byda.com.au](http://byda.com.au)



## Working near electricity safety checklist

- 1 Obtain asset information: Submit a Before You Dig Australia enquiry at [byda.com.au](http://byda.com.au) to determine the location and voltage of overhead and underground assets.
- 2 Perform an onsite inspection – existence, location, alignment of assets that could be impacted by your works.
- 3 Carry out a **job risk assessment** and safe work method statement to determine if works can be completed outside of the danger zone/s.
- 4 **Consider your options:** If you can't complete works outside of the danger zone/s, contact us to establish what services are available to ensure you can complete your works safely.
- 5 **Follow to 5 P's of excavation: Plan, Prepare, Pothole, Protect and Proceed** for any works near underground assets. Visit Before You Dig Australia at [byda.com.au](http://byda.com.au) for more on 'safe excavation' practices.

## What happens if I need to work within a danger zone?

If you are unable to work outside the danger zone, we can help with a range of services to ensure your safety and those around you. Cost and timings vary for all of the below services.

<b>Distribution assets</b> (0 – 33,000 volts)	<b>Aerial visual covers (tiger tails)</b>	<ul style="list-style-type: none"> <li>Available for installation on low voltage powerlines only, up to 1,000 volts</li> <li>Does not provide insulation or reduce the danger zone</li> </ul>
	<b>Isolation or de-energisation</b>	<ul style="list-style-type: none"> <li>Ensures work can be carried out safely within a reduced danger zone</li> </ul>
	<b>Relocation or removal</b>	<ul style="list-style-type: none"> <li>Ensures work and/or event activity can be completed without breaching danger zones</li> </ul>
<b>Transmission and communication assets</b> (33,000 – 330,000 volts)	<b>Isolation</b>	<ul style="list-style-type: none"> <li>Ensures work can be completed safely within a reduced danger zone</li> </ul>
	<b>Relocation</b>	<ul style="list-style-type: none"> <li>Ensures work and/or event can be completed without breaching danger zones</li> </ul>
	<b>Earth potential rise/low frequency induction studies</b>	<ul style="list-style-type: none"> <li>Provides a grid based review of your work</li> <li>Cost and time implications apply</li> </ul>
	<b>Provision of technical data</b>	<ul style="list-style-type: none"> <li>Provides specific asset data that may be useful for your job risk assessment/safe work method statement</li> </ul>
	<b>Civil/structural assessments</b>	<ul style="list-style-type: none"> <li>Ensure the works will not cause detriment to electrical assets</li> </ul>

## Working around overhead assets

To maintain your safety and the safety of others, WHS Regulation R166A states you are not allowed to carry out works within a danger zone. Ignoring this may result in prosecution or being held liable for any damage to the grid. We are obligated to inform Worksafe WA of any non-compliance concerns.

### What is a danger zone?

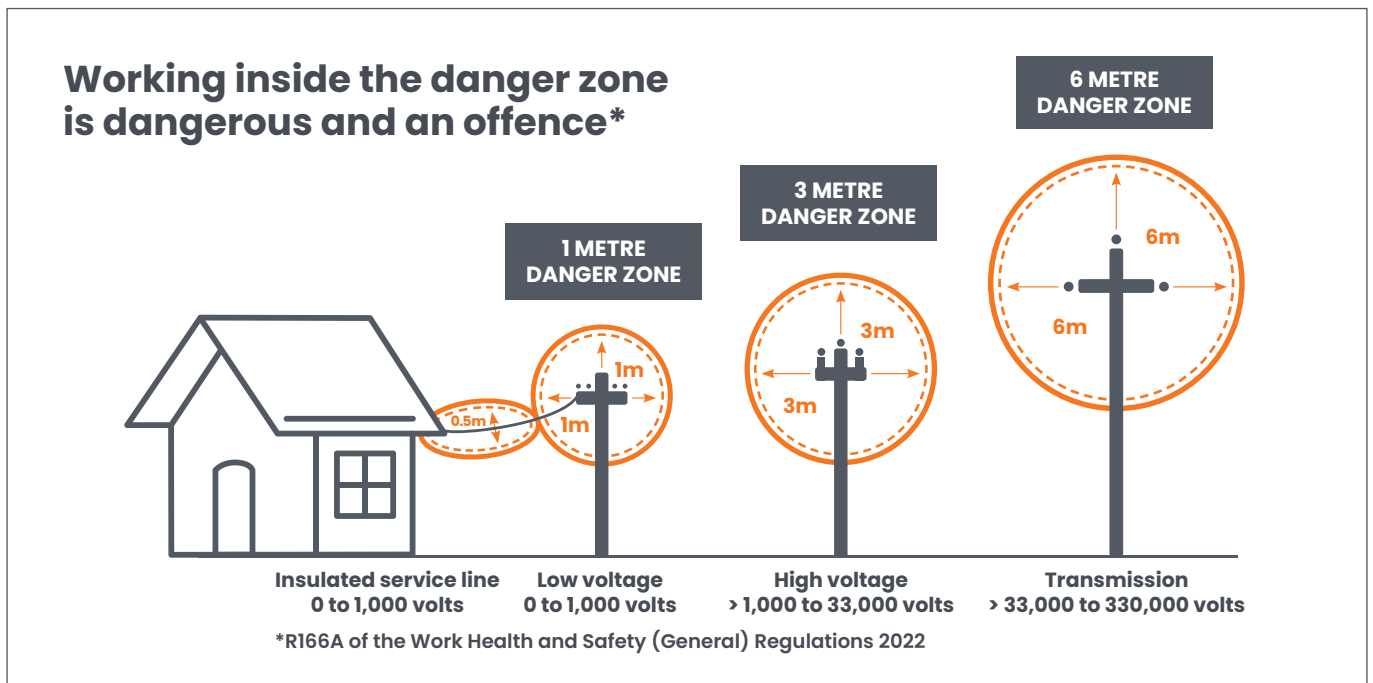
A danger zone is a specific area surrounding live electrical apparatus that ordinary persons, equipment and materials must not enter. The size of the danger zone is determined by the voltage of the electrical apparatus.

## You should always:

- establish the location and voltages of electrical assets in your work area to determine the required clearances by contacting Before You Dig Australia. Use location and voltage information to adopt the appropriate work method statement to ensure work is completed safely.

### Tips:

- do not lift loads directly underneath powerlines
- do not lift loads over powerlines
- establish your lay down area, site storage and disposal points away from electrical assets.



## Working around underground assets

Digging, excavating, drilling and other underground works can be dangerous if the risks are not managed properly. Contact with electrical assets can also leave an entire community without essential services.

### Excavation work safety checklist

- 1 Follow the 5 Ps process: Plan, Prepare, Pothole, Protect and Proceed. To find out more about safe work practices relevant to your industry, contact Worksafe WA or your industry association.
- 2 Contact Before You Dig Australia to obtain a cable location plan. Plans supplied include overhead powerline and underground cable voltage information, which is used to determine minimum approach distances. Determine if the proposed excavation is within the minimum approach distance of any underground cables and/or overhead powerlines by using your industry standards, codes of practice and guidelines regarding safe excavation.

- 3 If you are within the minimum approach distance, adopt appropriate controls to ensure work is completed safely.
- 4 Consider the operating height and reach of any excavation equipment to ensure it does not enter the danger zone for overhead powerlines.
- 5 Engage a qualified underground service locating professional to confirm the locations of known and any unknown underground services in the work area.
- 6 Determine the collapsible area of the proposed excavation.
- 7 Pothole by hand or other non-destructive means to remove small amounts of soil to prove the location and depth of underground services. Check that no services have been exposed after each shovel load.
- 8 Only use mechanical excavation after all services have been identified and exposed, subject to restrictions outlined on the table below.
- 9 Proceed with care.
- 10 If you are unable to locate an underground cable, encounter any issues associated with the underground assets such as damaged insulation or cables, or in the event that you discover a cable not shown on your plan, stop work and call us on **13 10 87**.

Please refer to the **WorkSafe Excavation Work Code of Practice 2013** for more information on safe excavation.

## Minimum approach distances for underground works

You should only commence digging once you have visually identified the location of underground services. We require you to meet the following minimum approach distances:

Nominal voltage	Minimum approach distance	
	Power tool or plant	Non-powered hand tool/ non-destructive digging
Up to and including 1,000V	30cm	Approach with care, avoid contact
1,000V up to and including 33kV	50cm	
Greater than 33kV up to and including 132kV	3m*	

\*Western Power must assess any works within 3m of cables 33kV and above.

## Staying safe while operating oversized vehicles

Transporting oversized loads can be dangerous, especially if steps haven't been taken to ensure the load remains a safe distance from powerlines. Mainroads WA requires us to authorise all load movements around WA where the load is more than 4.3m high (4.6m for livestock vehicles and towed agricultural machinery).

## Oversize vehicle movement safety checklist

- 1 Contact Main Roads WA with your route to obtain a permit for travel.
- 2 Contact us to apply for authorisation of the oversized load movement, if the height of the load exceeds 4.3m. We will then assess the application and issue you with an Oversize Load Movement Authorisation.

- 3 Once authorisation has been issued no changes can be made. If changes are required a new authorisation must be issued, which includes a new permit processing fee.

If we establish that works are required, such as the raising of powerlines, we will provide you with a quote. At times an escort may be required to ensure the vehicle is kept clear of powerlines at all times.

The heights of powerlines can vary depending on the voltage and environment. Operators of loads 4.3m and above must refer to Main Roads WA before applying to Western Power for authorisation.

Visit [westernpower.com.au/360-aware](http://westernpower.com.au/360-aware) to find out more and view any applicable fees.

# Handling emergencies

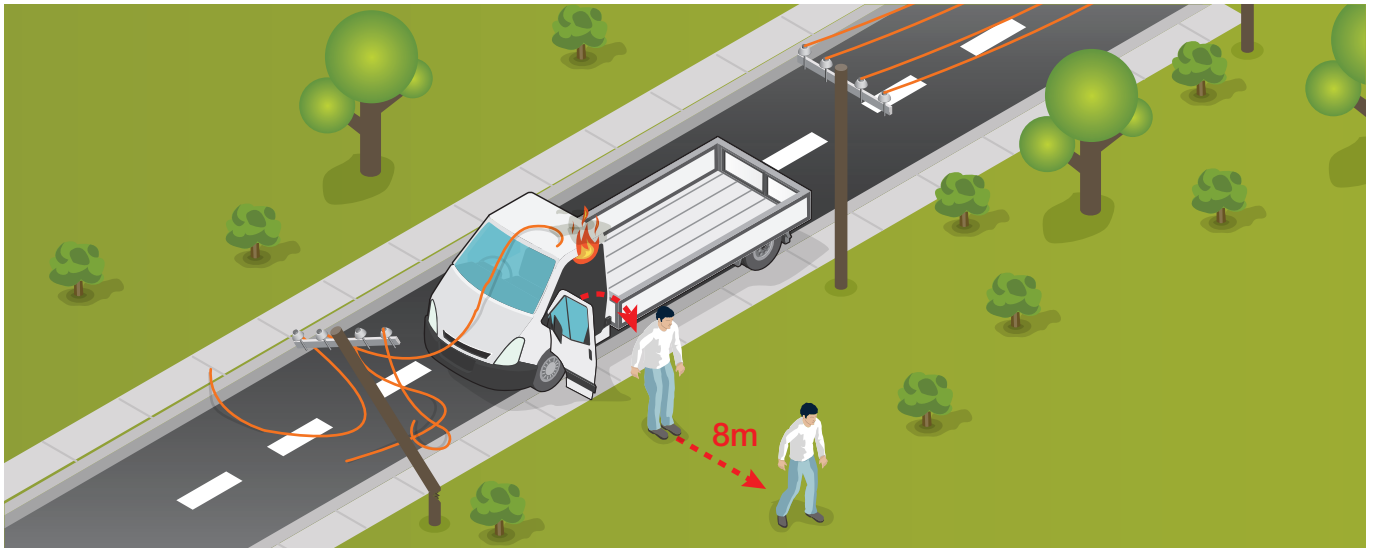
## What to do in an emergency

If you are involved in an emergency or see an emergency involving our electrical assets, please follow these steps:

- 1 In a life threatening emergency call **000**.
- 2 For all other electrical emergencies, or after you have called **000**, call our 24/7 emergency number on **13 13 51**.
- 3 Keep bystanders clear – at least 8m from any electrical assets.
- 4 Wait for Western Power to attend to make the area safe.
- 5 All instances of electric shock and or electrocution need to be reported to Worksafe on Freecall **1800 678 198**.

## What is considered an emergency?

- fire on or near the grid
- fallen powerlines including low hanging, dangling, clashing together or arcing
- a pole has fallen or is leaning and sparking
- an underground cable, green dome or padmount transformer (green kiosk) is damaged or has exposed wires
- a substation door or gate is open
- you feel tingling or shocks from taps or appliances.



## What to do if you are in a vehicle in contact with electricity

- 1 Advise any bystanders not to approach and to remain at least 8m away from the vehicle and any downed electrical assets.
- 2 It is safe to use your mobile phone whilst in the vehicle to call **000** and **13 13 51**.
- 3 Stay in the vehicle unless fire or other life threatening circumstances occur. Evacuating a vehicle in contact with powerlines is extremely dangerous and should be avoided if possible.
- 4 If you are forced to evacuate; jump clear of the vehicle landing with both feet together; do not touch the ground and the vehicle at the same time as this may create a path for electricity to flow through your body, which could electrocute you.
- 5 Slowly shuffle at least 8m away, keeping your feet close together.
- 6 Do not return to the vehicle until we have declared the area safe.
- 7 The vehicle may need to be quarantined for 24 hours including a professional tyre check or replacement due to tyre pyrolysis.
- 8 If you receive an electric shock, seek medical advice even if you are not injured.



363 Wellington Street Perth WA 6000  
GPO Box L921 Perth WA 6842  
[westernpower.com.au/360-aware](https://www.westernpower.com.au/360-aware)

Emergencies and power outage

**13 13 51** (24 hours, seven days a week)

General enquiries

**13 10 87** (7am – 5pm Monday to Friday)

Telephone interpreter services

**13 14 50**

TTY users (speech or hearing impaired only)

**1800 13 13 51**

Emergency services

**000**

Before You Dig Australia

[byda.com.au](https://www.byda.com.au)

This information is available in alternative formats if requested.





## End of document

**i** This document may exclude some files (eg. DWF or ZIP files)

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