Form 2 Seller Disclosure Pack



000040375017 Page 1 of 1

Seller disclosure statement



Property Law Act 2023 section 99

Form 2, Version 1 | Effective from: 1 August 2025

WARNING TO BUYER – This statement contains important legal and other information about the property offered for sale. You should read and satisfy yourself of the information in this statement before signing a contract. You are advised to seek legal advice before signing this form. You should not assume you can terminate the contract after signing if you are not satisfied with the information in this statement.

WARNING - You must be given this statement before you sign the contract for the sale of the property.

This statement does not include information about:

- » flooding or other natural hazard history
- » structural soundness of the building or pest infestation
- » current or historical use of the property
- » current or past building or development approvals for the property
- » limits imposed by planning laws on the use of the land
- » services that are or may be connected to the property
- » the presence of asbestos within buildings or improvements on the property.

You are encouraged to make your own inquiries about these matters before signing a contract. You may not be able to terminate the contract if these matters are discovered after you sign.

Part 1 – Seller and property details

Seller Kevin Jo	hn M	aye		
Property address (referred to as the "property" in this statement)	44 N	10CATTA S	T, GOOMBUNGEE QLD 4	354
Lot on plan descrip	otion	3/RP22708	3	
Community titles or BUGTA schen		□ Yes,	. , .	les scheme or a BUGTA scheme: No If No, please disregard Part 6 of this statement as it does not need to be completed

Part 2 – Title details, encumbrances and residential tenancy or rooming accommodation agreement

Title details	The seller gives or has given the buyer the following—	
	A title search for the property issued under the <i>Land Title Act 1994</i> showing interests registered under that Act for the property.	⊠ Yes
	A copy of the plan of survey registered for the property.	⊠ Yes

Registered encumbrances	Registered encumbrances, if any, are recorded on the title search, and may affect your use of the property. Examples include easements, statutory covenants, leases and mortgages.			
	You should seek legal advice about your rights and obligations before signing the contract.			
Unregistered encumbrances	There are encumbrances not registered on the title that will continue \Box Yes \boxtimes No to affect the property after settlement .			
(excluding statutory encumbrances)	Note —If the property is part of a community titles scheme or a BUGTA scheme it may be subject to and have the benefit of statutory easements that are NOT required to be disclosed.			
	Unregistered lease (if applicable)			
	If the unregistered encumbrance is an unregistered lease, the details of the agreement are as follows:			
	» the start and end day of the term of the lease:			
	» the amount of rent and bond payable:			
	» whether the lease has an option to renew:			
	Other unregistered agreement in writing (if applicable)			
	If the unregistered encumbrance is created by an agreement in writing, and is not an unregistered lease, a copy of the agreement is given, together with relevant plans, if any.			
	Unregistered oral agreement (if applicable)			
	If the unregistered encumbrance is created by an oral agreement, and is not an unregistered lease, the details of the agreement are as follows:			
Statutory encumbrances	There are statutory encumbrances that affect the property. Yes No			
	If Yes , the details of any statutory encumbrances are as follows: Telstra fibre optic and/or major network cables present across left corner and into right side of the Lot.			
Residential tenancy or rooming	The property has been subject to a residential tenancy agreement or a rooming accommodation agreement under the <i>Residential Tenancies</i> and <i>Rooming Accommodation Act 2008</i> during the last 12 months.			
accommodation agreement	If Yes , when was the rent for the premises or each of the residents' rooms last increased? (Insert date of the most recent rent increase for the premises or rooms)			
	Note—Under the Residential Tenancies and Rooming Accommodation Act 2008 the rent for a residential premises may not be increased earlier than 12 months after the last rent increase for the premises.			
	As the owner of the property, you may need to provide evidence of the day of the last rent increase. You should ask the seller to provide this evidence to you prior to settlement.			

Part 3 – Land use, planning and environment

WARNING TO BUYER – You may not have any rights if the current or proposed use of the property is not lawful under the local planning scheme. You can obtain further information about any planning and development restrictions applicable to the lot, including in relation to short-term letting, from the relevant local government.

to the lot, including in	n relation to short-term letting, from the relevant local government.		
Zoning	The zoning of the property is (Insert zoning under the planning scheme ment Act 2012; the Integrated Resort Development Act 1987; the Mixed Ust the State Development and Public Works Organisation Act 1971 or the State Development and Public Works Organisation Act 1971 or the State Development and Public Works Organisation Act 1971 or the State Development and Public Works Organisation Act 1971 or the State Development Act 1985, as applicable):	se Developmei	nt Act 1993;
Transport proposals and resumptions	The lot is affected by a notice issued by a Commonwealth, State or local government entity and given to the seller about a transport infrastructure proposal* to: locate transport infrastructure on the property; or alter the dimensions of the property.	□ Yes	⊠ No
	The lot is affected by a notice of intention to resume the property or any part of the property.	☐ Yes	⊠ No
	If Yes , a copy of the notice, order, proposal or correspondence must be g	given by the s	eller.
	cure has the meaning defined in the Transport Infrastructure Act 1994. A pofficial process to establish plans or options that will physically affect the	•	ns a resolution
Contamination and environmental protection	The property is recorded on the Environmental Management Register or the Contaminated Land Register under the <i>Environmental Protection Act 1994</i> .	□ Yes	⊠ No
	The following notices are, or have been, given:		
	A notice under section 408(2) of the <i>Environmental Protection Act 1994</i> (for example, land is contaminated, show cause notice, requirement for site investigation, clean up notice or site management plan).	□ Yes	⊠ No
	A notice under section 369C(2) of the <i>Environmental Protection Act</i> 1994 (the property is a place or business to which an environmental enforcement order applies).	☐ Yes	⊠ No
	A notice under section 347(2) of the <i>Environmental Protection Act</i> 1994 (the property is a place or business to which a prescribed transitional environmental program applies).	☐ Yes	⊠ No
Trees	There is a tree order or application under the <i>Neighbourhood Disputes</i> (<i>Dividing Fences and Trees</i>) Act 2011 affecting the property.	☐ Yes	⊠ No
	If Yes , a copy of the order or application must be given by the seller.		
Heritage	The property is affected by the <i>Queensland Heritage Act 1992</i> or is included in the World Heritage List under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cwlth).	□ Yes	⊠ No
Pland'	Information about whather the group of the Co. 1. 11. C. P.	Alaan 11	
Flooding	Information about whether the property is affected by flooding or ano within a natural hazard overlay can be obtained from the relevant local should make your own enquires. Flood information for the property ma FloodCheck Queensland portal or the Australian Flood Risk Information	ıl governmen y also be ava	t and you
Vegetation, habitats and protected plants	Information about vegetation clearing, koala habitats and other restrict the land that may apply can be obtained from the relevant State government.		

Part 4 – Buildings and structures

WARNING TO BUYER – The seller does not warrant the structural soundness of the buildings or improvements on the property, or that the buildings on the property have the required approval, or that there is no pest infestation affecting the property. You should engage a licensed building inspector or an appropriately qualified engineer, builder or pest inspector to inspect the property and provide a report and also undertake searches to determine whether buildings and improvements on the property have the required approvals.

Swimming pool	There is a relevant pool for the property.	□ Yes	⊠ No
	If a community titles scheme or a BUGTA scheme – a shared pool is located in the scheme.	☐ Yes	□ No
	Pool compliance certificate is given.	□ Yes	□ No
	OR		
	Notice of no pool safety certificate is given.	☐ Yes	□ No
Unlicensed			
building work	Building work was carried out on the property under an owner builder permit in the last 6 years.	☐ Yes	⊠ No
under owner builder permit	A notice under section 47 of the Queensland Building and Construction must be given by the seller and you may be required to sign the notice a prior to signing the contract.		
Notices and orders	There is an unsatisfied show cause notice or enforcement notice under the <i>Building Act 1975</i> , section 246AG, 247 or 248 or under the <i>Planning Act 2016</i> , section 167 or 168.	☐ Yes	⊠ No
	The seller has been given a notice or order, that remains in effect, from a local, State or Commonwealth government, a court or tribunal, or other competent authority, requiring work to be done or money to be spent in relation to the property.		⊠ No
	If Yes , a copy of the notice or order must be given by the seller.		
Building Energy Efficiency Certificate	If the property is a commercial office building of more than 1,000m2, a Certificate is available on the Building Energy Efficiency Register.	Building Enei	rgy Efficiency
Asbestos	The seller does not warrant whether asbestos is present within building the property. Buildings or improvements built before 1990 may containing materials (ACM) may have been used up until the early 2000.	in asbestos.	Asbestos

become dangerous when damaged, disturbed, or deteriorating. Information about asbestos is available at the Queensland Government Asbestos Website (<u>asbestos.gld.gov.au</u>) including

common locations of asbestos and other practical guidance for homeowners.

Part 5 – Rates and services

WARNING TO BUYER – The amount of charges imposed on you may be different to the amount imposed on the seller.

Rates	Whichever of the following applies—
	The total amount payable* for all rates and charges (without any discount) for the property as stated in the most recent rate notice is:
	Amount: \$794.5 Date Range: 01/07/2025 - 31/12/2025
	OR
	The property is currently a rates exempt lot.** \Box
	OR
	The property is not rates exempt but no separate assessment of rates \Box is issued by a local government for the property.

** An exemption for rates applies to particular entities. The exemption will not pass to you as buyer unless you meet the criteria in section 93 of the *Local Government Act 2009* or section 95 of the *City of Brisbane Act 2010*.

Water	Whichever of the following applies—
	The total amount payable as charges for water services for the property as indicated in the most recent water services notice* is:
	Amount: \$373.06 Date Range: 01/01/2025 - 30/06/2025
	OR
	There is no separate water services notice issued for the lot; however, an estimate of the total amount payable for water services is:
	Amount: Date Range:

^{*}Concessions: A local government may grant a concession for rates. The concession will not pass to you as buyer unless you meet the criteria in section 120 of the *Local Government Regulation 2012* or section 112 of the *City of Brisbane Regulation 2012*.

^{*} A water services notices means a notice of water charges issued by a water service provider under the *Water Supply* (Safety and Reliability) Act 2008.

Part 6 - Community titles schemes and BUGTA schemes

(If the property is part of a community titles scheme or a BUGTA scheme this Part must be completed)

WARNING TO BUYER – If the property is part of a community titles scheme or a BUGTA scheme and you purchase the property, you will become a member of the body corporate for the scheme with the right to participate in significant decisions about the scheme and you will be required to pay contributions towards the body corporate's expenses in managing the scheme. You will also be required to comply with the by-laws. By-laws will regulate your use of common property and the lot.

For more information about living in a body corporate and your rights and obligations, contact the Office of the Commissioner for Body Corporate and Community Management.

Body Corporate and Community Management Act 1997	The property is included in a community titles scheme. (If Yes, complete the information below)	□ Yes	⊠ No
Community Management Statement	A copy of the most recent community management statement for the scheme as recorded under the <i>Land Title Act 1994</i> or another Act is given to the buyer.	□ Yes	
	Note —If the property is part of a community titles scheme, the community statement for the scheme contains important information about the owners of lots in the scheme including matters such as lot entitlement use areas.	rights and ol	oligations of
Body Corporate Certificate	A copy of a body corporate certificate for the lot under the <i>Body Corporate and Community Management Act 1997</i> , section 205(4) is given to the buyer.	□ Yes	□ No
	If No — An explanatory statement is given to the buyer that states:	☐ Yes	
	» a copy of a body corporate certificate for the lot is not attached; and		
	why the reasons under section 6 of the Property Law Regulation 2024 why the seller has not been able to obtain a copy of the body corporate certificate for the lot.		
Statutory Warranties	Statutory Warranties —If you enter into a contract, you will have im <i>Body Corporate</i> and <i>Community Management Act 1997</i> relating to m patent defects in common property or body corporate assets; any actufinancial liabilities that are not part of the normal operating costs; are relation to the affairs of the body corporate that will materially prejude property. There will be further disclosure about warranties in the corporate that will materially prejude property.	atters such a ual, expected nd any circur dice you as o	is latent or or contingent instances in
Building Units and Group Titles Act 1980	The property is included in a BUGTA scheme (If Yes, complete the information below)	☐ Yes	⊠ No
Body Corporate	A copy of a body corporate certificate for the lot under the <i>Building Units and Group Titles Act 1980</i> , section 40AA(1) is given to the buyer.	☐ Yes	□ No
Certificate	If No — An explanatory statement is given to the buyer that states:	☐ Yes	
	» a copy of a body corporate certificate for the lot is not attached; and		
	* the reasons under section 7 of the Property Law Regulation 2024 why the seller has not been able to obtain a copy of the body corporate certificate for the lot.		
	Note —If the property is part of a BUGTA scheme, you will be subject to body corporate and other by-laws that regulate your use of the property	,	•

Signatures – SELLER

Signed by: 670EFFD455884FE	
Signature of seller	Signature of seller
Kevin John Maye Name of Seller	Name of Seller
05-09-2025	
Date	Date
Signatures – BUYER	
By signing this disclosure statement the bu a contract with the seller for the sale of the	yer acknowledges receipt of this disclosure statement before entering into e lot.
Signature of buyer	Signature of buyer

Name of buyer

Date

Name of buyer

Date

CURRENT TITLE SEARCH QUEENSLAND TITLES REGISTRY PTY LTD

Request No: 53000752

Search Date: 15/08/2025 13:37 Title Reference: 12583190

Date Created: 26/09/1951

Previous Title: 11146124

REGISTERED OWNER

Dealing No: 715610157 19/02/2014

KEVIN JOHN MAYE

ESTATE AND LAND

Estate in Fee Simple

LOT 3 REGISTERED PLAN 22708

Local Government: TOOWOOMBA

EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. Rights and interests reserved to the Crown by Deed of Grant No. 10586230 (POR 3239)
- 2. MORTGAGE No 718966196 03/09/2018 at 15:36 HERITAGE BANK LIMITED A.C.N. 087 652 024

ADMINISTRATIVE ADVICES

Dealing Type Lodgement Date Status 723466250 APPT ADMIN 16/08/2024 10:13 CURRENT GUARDIANSHIP AND ADMINISTRATION ACT 2000 UNREGISTERED DEALINGS - NIL

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

COPYRIGHT QUEENSLAND TITLES REGISTRY PTY LTD [2025] Requested By: D-ENQ INFOTRACK PTY LIMITED

57 SEE 1.5 33479 (c.D.W)

80722

For Additional Plan Document Notings Refer to CISP

59

J. WILL

SURVEY

OF ALLOTMENT OR PORTION No. 3235

OF SECTION LET 2 on PP 22707

COUNTY OF Mubiding PARISH OF Coombunge

YY Bruly Mither His Phuse

This Photostal Replaces Plan Cel. No.22708

AMENDED DESCRIPTION

Survey of Lot (s) 1 To 79

on R.P. 22708

22708

CISP

22708



Department of Transport and Main Roads **Property Search - Advice to Applicant**

Property Search reference 938312 Date: 15/08/2025

Search Request reference: 170431697

Applicant details

Applicant: Simone Paterson

simone.paterson@pt.qld.gov.au

Buyer:

Search response:

Your request for a property search on Lot 3 on Plan RP22708 at 44 MOCATTA ST, GOOMBUNGEE QLD 4354 has been processed.

At this point in time the Department of Transport and Main Roads has no land requirement from the specified property.

Note:

- 1. Development proposed on this property may require approval under the Planning Act. This may include referral to the State Assessment and Referral Agency for assessment of the impacts to state transport corridors and infrastructure.
- 2. New or changed access between this property and a state transport corridor will require approval under the Transport Infrastructure Act.
- To see what other State Government planning has been identified in your area, please refer to the online DA Mapping system. Refer to the State Transport interests under the SARA layers to identify what interests TMR has in your locality.
 https://planning.dsdmip.qld.gov.au/maps/sara-da>
- 4. Any properties located in proximity to a current or future State transport corridor may be affected by noise. For existing corridors, refer to the online SPP interactive mapping system. Select the Information Purposes and refer to the Transport Infrastructure. If the property is located in a mandatory transport noise corridor then Mandatory Part 4.4 of the Queensland Development Code will apply.
 < https://planning.dsdmip.qld.gov.au/maps/spp>

Disclaimer:

Any information supplied by this Department of Transport and Main Roads' (TMR) property search is provided on the basis that you will use your own judgement to independently evaluate, assess and verify the information's completeness, suitability, purpose and usefulness.

Without limitation, TMR is under no liability for any negligence, claim, loss or damage (including consequential or indirect loss or lost time, profits, savings, contracts, revenue, interest, business opportunities, goodwill or damage to reputation) however caused (whether by negligence or otherwise) that may be suffered or incurred or that may arise directly or indirectly out of any act or omission on its part in connection with the use and reliance upon, and the provision of this property search, including loss or damage caused by any delays in providing this property search to the party who requested the information or any errors, misdescriptions, incompleteness and inaccuracies in the information. TMR excludes all warranties, representations, terms, conditions and undertaking in respect of the completeness, quality, accuracy, suitability or fitness of the information contained in this property search for your purpose. You acknowledge that the information provided is indicative only and may be subject to change.

Privacy Statement

The personal information collected on this property search is required to enable TMR to communicate with you regarding your enquiry. The information recorded will not be disclosed to a third party without your consent or unless required or authorised to do so by law.



Department of the Environment, Tourism, Science and Innovation (DETSI) ABN 46 640 294 485 GPO Box 2454, Brisbane QLD 4001, AUSTRALIA www.detsi.qld.gov.au

SEARCH RESPONSE

ENVIRONMENTAL MANAGEMENT REGISTER (EMR) CONTAMINATED LAND REGISTER (CLR)

InfoTrack PTY LTD PO Box 10314, Adelaide Street Brisbane QLD 4001

Transaction ID: 51039656 EMR Site Id: 15 August 2025

Cheque Number: Client Reference:

This response relates to a search request received for the site:

Lot: 3 Plan: RP22708 44 MOCATTA ST GOOMBUNGEE

EMR RESULT

The above site is NOT included on the Environmental Management Register.

CLR RESULT

The above site is NOT included on the Contaminated Land Register.

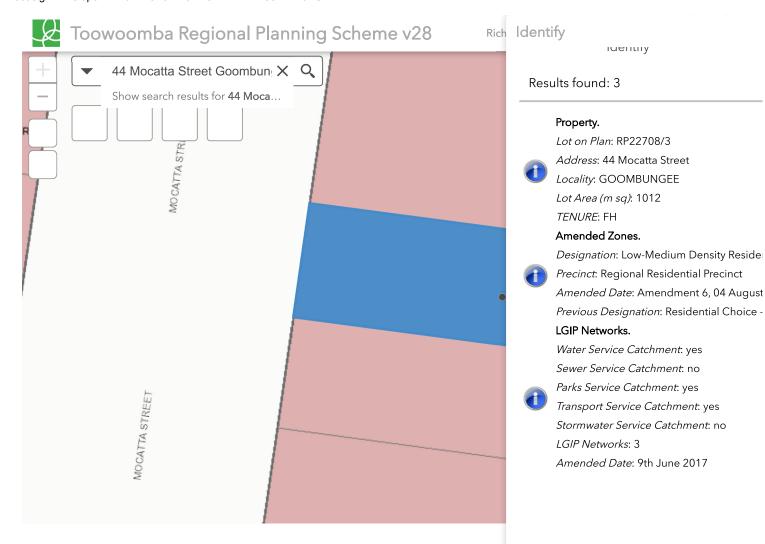
ADDITIONAL ADVICE

All search responses include particulars of land listed in the EMR/CLR when the search was generated. The EMR/CLR does NOT include:-

- 1. land which is contaminated land (or a complete list of contamination) if DETSI has not been notified
- 2. land on which a notifiable activity is being or has been undertaken (or a complete list of activities) if DETSI has not been notified

If you have any queries in relation to this search please email emr.clr.registry@detsi.qld.gov.au

Administering Authority





Rich traditions. Bold ambitions.

Our Reference: 1880938 Contact Officer: Steve Evans 131 872 Contact: Email: developmentsearches@tr.qld.gov.au

Infotrack Pty Limited PO Box 10314 Adelaide Street **BRISBANE QLD 4000**

Email: qldsearching@infotrack.com.au

28 August 2025

Dear Sir/Madam

Building Records/Notices Search Property Situated at 44 Mocatta Street, GOOMBUNGEE QLD 4354

In response to your request, please find below, details of building/plumbing approvals and Certificates for the abovementioned property described as Lot 3 on RP 22708.

Details of Building/Plumbing Approvals

Date	Approval No.	Type Approval	Inspections Undertaken	Date of Inspections
14/01/1984	BW/1984/1092	Dwelling	Footings Inspection Slab Inspection Frame Inspection No records of a Final Inspection being called for or undertaken	07/02/1984 08/02/1984 17/02/1984

Notes

Should the building works for BW/1984/1092 require finalisation, the current owner should contact Total Range Certification on 4688 6828.

Certificates Issued

Nil

NB - A search of Council's current register maintained under Schedule 22, Part 1, 1(1)(zd) of the Planning Regulation 2017 reveals that NO Notices have been issued pursuant to Sections 167 and 168 of the Planning Act 2016.

It should be noted that -

1. The details shown relate to matters arising after the enactment of the Building Act 1975. No details are available for building approvals prior to the enactment of the Building Act 1975.





- 2. No inspection of the subject property has been undertaken as a result of this request. Consequently, Council cannot comment on the existence or otherwise of a building/s on the subject property. Should any building work have been carried out on the site since 1975, approval is necessary. This may require submission of a development application for building and/or plumbing works, including plans etc.
- 3. If there has been any unauthorised building work (i.e. building work carried out since 1975 for which approval was not obtained), a development approval is necessary. To "legalise" any unauthorised building work, the lodging of a development application, plans etc. will be necessary. Approval can only be granted if the building work conforms with all building regulations. Further work may be necessary to bring the unauthorised work into conformity and if this is not possible demolition may be necessary. Any such approval will, if applicable, note that the "closed-up" work (i.e. framing behind sheeting, foundations etc.) cannot be inspected.
- 4. Upon payment of a further fee an Inspection and Report regarding any buildings on the site, can be obtained.
- 5. A copy of the approved plans, as described above, may be purchased at an additional cost plus photocopying fees. A letter of consent from the copyright owner of these plans may be necessary before copies can be supplied.

The information contained in this document has been extracted from Council's records and is provided solely for the party requesting it. Due to the inherent nature of building work and to the fact that the Council's records are complex and its resources are limited, omissions may occur in connection with approvals and inspections. No person making any decision with financial or legal implications should rely upon any information provided by Council as necessarily reflecting the actual state of compliance with relevant legislative requirements and an independent assessment should be sought in that regard. Council makes no statement about the quality of building work.

Council recommends that a search of the Environmental Management Register be undertaken through the Department of Environment and Science for all property sales.

The above information relates to a Building Records/Notices Search only.

Any planning information may be obtained through a Limited, Standard or Full Planning and Development Certificate, or a Compliance Check – Conditions of Approval (MCU & PSW Approvals only).

Should you have any further queries, please contact Searches Officer, Steve Evans as above.

Yours faithfully

Steve Evans

DRC

Technical Officer – Searches

Environmental and Regulatory Services





Review responses online >



Received 3 of 3 responses All responses received

44 Mocatta St, Goombungee QLD 4354

Job dates 14/08/2025 → 31/12/2025

These plans expire on 4 Sep 2025

Lodged by Simone Paterson

Authority	Status	Page
		2
Ergon QLD	Received	4
III Telstra QLD Regional	Received	42
Toowoomba Regional Council	Received	50

Job No 50856654



Zero damage - Zero harm - Zero disruption

Contact Details

 Contact
 Contact number
 Company
 Enquirer ID

 Simone Paterson
 0419 652 261
 3739889

Email

simone.paterson@pt.qld.gov.au GPO Box 1449

Address

Brisbane QLD 4000

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.

Enquiry date	Start date	End date	On behalf of	Job purpose	Locations	Onsite activities
07/08/2025	14/08/2025	31/12/2025	Private	Excavation	Private	Blasting, Horizontal Boring, Manual Excavation, Mechanical Excavation, Non- Destructive Digging, Subdivision, Vertical Boring



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.

User Reference MAYE Address
44 Mocatta St
Goombungee QLD 4354

Notes/description

-

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

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
259185368	Ergon QLD	13 10 46	NOTIFIED
259185369	Telstra QLD Regional	1800 653 935	NOTIFIED
259185367	Toowoomba Regional Council	13 18 72	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

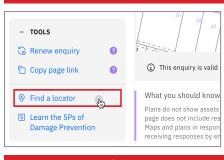
Protecting and supporting the exposed infrastructure is the responsibility of the excavator. Always erect safety barriers in areas of risk and enforce exclusion zones.



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

Get FREE Quotes for Contractors & Equipment Fast



Use iseekplant's FREE marketplace to get guotes 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

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

BOOK NOW

Ergon QLD

Referral Member Phone 259185368 13 10 46

Responses from this member

Response received Thu 7 Aug 2025 12.56pm

File name	Page
Response Body	5
259185368 - Ergon Energy Plan.pdf	8
Working Near Overhead and Underground Electric Lines.pdf	9
Ergon Energy BYDA Terms and Conditions.pdf	37

No Assets Recorded Before You Dig Australia (BYDA) Request

Please DO NOT SEND A REPLY to this email as it has been automatically generated and replies are not monitored.

Our search has revealed within the nominated search area, ERGON ENERGY NETWORK does not have any Assets recorded.

A detailed plan has not been provided.

You: BYDA Enquiry No:

Simone Paterson 259185368

Company: Date of Response:

Not Supplied 07 Aug 2025

Search Location: Period of Plan Validity:

44 Mocatta St 4 Weeks

Goombungee, QLD 4354

External Comments (if any):

WARNING: When working in the vicinity of ERGON ENERGY NETWORK Assets

You have a legal *Duty of Care* that must be observed.

It is important that You note:

- 1. Immediately report life threatening emergencies to Emergency Services on **000** or to ERGON ENERGY NETWORK on **13 16 70**.
- Please read and understand all the information and disclaimers provided including the Terms and Conditions on the attached pages.
- 3. We have only searched the area which has been nominated in the request. If this nominated area is not what You require, please resubmit another enquiry with <u>BYDA</u>.
- 4. Plans provided by ERGON ENERGY NETWORK are only an indication of the presence of Assets within the nominated area. Locations provided are approximate and the plans are not suitable for scaling purposes, as exact ground cover and alignments cannot be provided. You must confirm the exact location of Assets by use of an electronic cable locator followed by careful, non-mechanical excavation (i.e. potholing).
- Plans provided by ERGON ENERGY NETWORK do not encompass ERGON ENERGY NETWORK overhead Assets.
- 6. ERGON ENERGY NETWORK, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and details supplied pursuant to the BYDA Request and You agree to indemnify ERGON ENERGY NETWORK against any claim or demand for any such loss or damage to You, Your servants or Your agents.

- 7. You are responsible for any damage to Assets caused by works pursuant to or in any way connected with this BYDA Request.
- 8. In addition to Assets marked on attached plan, there could be underground earth conductors, underground substation earth conductors, Multiple Earthed Neutral(MEN) conductors, Single Wire Earth Return(SWER), Substation Earth Conductors, ABS Earth Mats or Consumer Mains in the vicinity or private underground cables (inc. consumers' mains that may run from ERGON ENERGY NETWORK mains onto private property) in the vicinity of the nominated work area(s) that are not marked on the plans.
- Independent underground cable locators can be found via the <u>Certified Locator</u> <u>website</u> with LV Cable (up to 1kV), HV Cable (1kV-<33kV) & HV cable (33kV and over) displayed.
- 10. The ERGON ENERGY NETWORK Before You Dig Australia (BYDA) information map(s) provide the vicinity of Assets and will not be adequate for conveyancing purposes. A Request for Search (Property Search) can be arranged through ERGON ENERGY NETWORK.
- 11. The attached plans are only valid for a period of four weeks from receipt. If excavation does not commence within four weeks, a new plan should be obtained.
- 12. The ERGON ENERGY NETWORK BYDA map (named maps.pdf) may contain shaded area(s), indicating the location of planned work(s). Should You find planned works that You believe may affect Your planned work(s), please contact the ERGON ENERGY NETWORK BDYA team on the details listed below.
- 13. ERGON ENERGY NETWORK may contact you to discuss Your proposed excavation in the vicinity of feeders identified on the attached plan(s).
- 14. Do not access any Assets, for example conduits, cables, pits or cabinets.
- 15. Your work will need to comply with:
 - Working near overhead and underground electric lines Electrical safety code of practice 2020
 - Managing electrical risks in the workplace Code of Practice 2021 (worksafe.qld.gov.au)
 - Excavation work Code of Practice 2021 (worksafe.qld.gov.au)

General enquiries (7:00am - 5:30pm Mon to Fri) 13 74 66

Life threatening emergencies only triple zero (000) or 13 16 70

To re-submit or change the nominated search area please visit **BYDA.com.au**

E: byda@energyq.com.au

ABN: 40 078 849 055



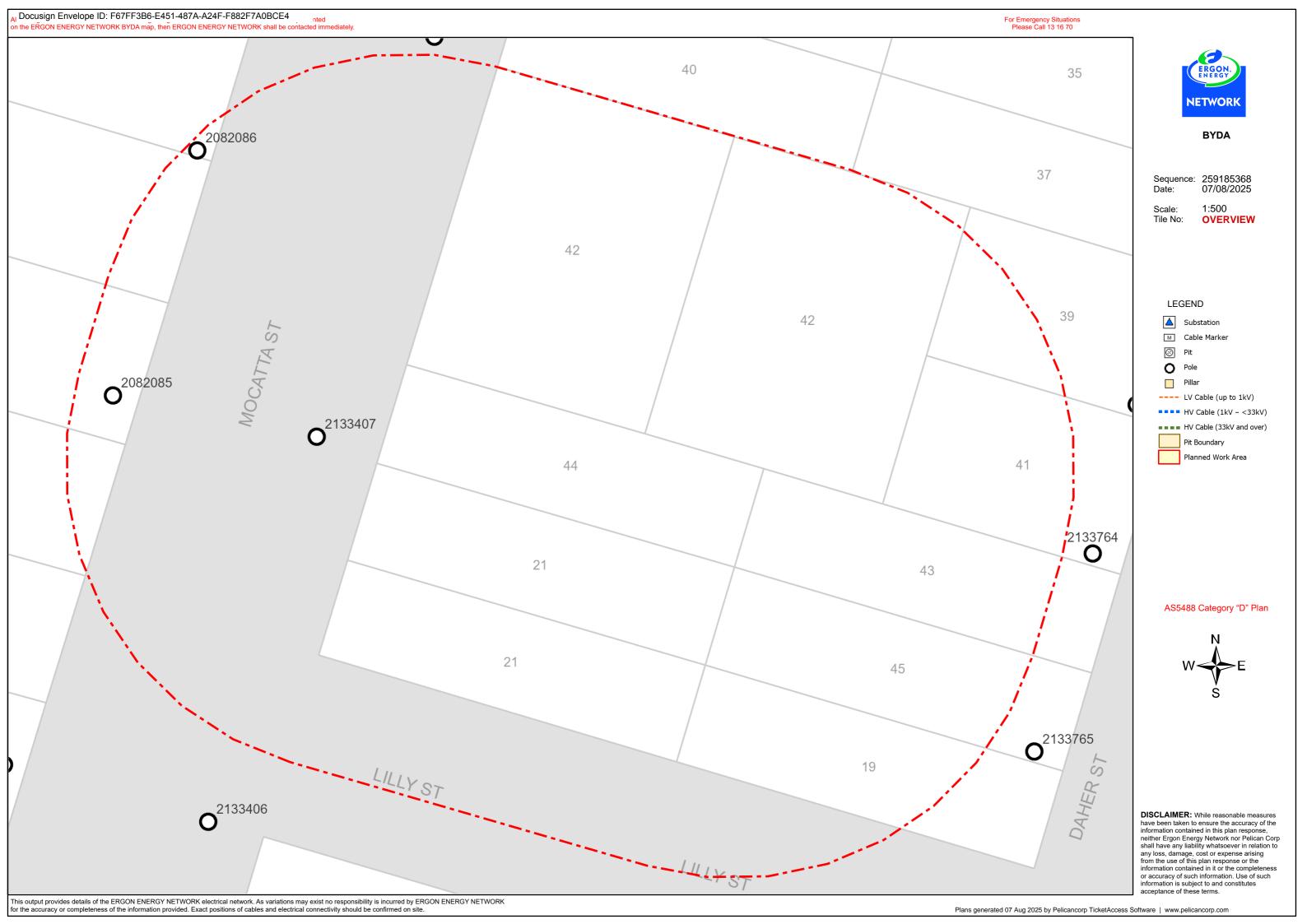
Disclaimer: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither ERGON ENERGY NETWORK nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

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PelicanCorp

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ELECTRICITY ENTITY REQUIREMENTS WORKING NEAR OVERHEAD AND UNDERGROUND ELECTRIC LINES



Part of Energy Queensland

Purpose: This instruction describes Electricity Entity requirements for working or operating plant near any Electricity Entity Overhead or Underground electric lines.

Scope: This instruction applies to anyone who may be contemplating working or operating plant near any Electricity Entity Overhead or Underground electric lines.

Person responsible for ensuring compliance with this Work Practice:	All EQL employees have responsibility to comply with listed controls.	
Measures in place to ensure compliance with the Work Practice:	Team Leaders must provide appropriate supervision and / or assurance in addition to formal assurance activities performed by EQL.	
Person(s) responsible for reviewing the Work Practice:	Prior to any task listed on this Work Practice being performed, the contents must be understood by all workers exposed to the hazard on site. (i.e. using HazChat).	
Work Practice control and guidance to be reviewed:	All controls for this task must be verified, monitored, and maintained by crews for the duration of works.	

Key tools and equipment: N/A

Note:

Prior to works commencing the contents of supporting Work Practices must be understood.

If at any time the control or procedural guidance in this Work Practice cannot be applied or are not suitable, work must cease, and advice must be sought from your leader or a Technical SME before proceeding.

Work Practices may be provided as a means of sharing hazard and control information to EQL contractors. But it is the responsibility of the contractor to provide their own safe system of work (including, consultation, training, instruction, and supervision to reduce risk SFAIRP)

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Owner: EGM Operations

SME: Business Improvement Manager

1. ABOUT THIS GUIDE

This guide to working near the Electricity Entity network is designed to assist any person working, contemplating work or operating plant near any Electricity Entity overhead or underground electric lines to meet their duties under the Work Health and Safety Act 2011, Electrical Safety Act 2002, Electrical Safety Regulation 2013 and relevant Codes of Practice including Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines and help to identify the steps needed to ensure risks are minimised for all who work or are likely to be affected by the work in these situations.

"The Electrical Code of Practice 2020 Working Near Overhead and Under Ground Electric Lines" provides practical advice on ways to manage electrical risk when working near electric lines including the exclusion zones that apply. An electronic copy of this Code of Practice as well as, Electrical Safety Act and Regulation is available at the Queensland Government Electrical Safety Office web site at https://www.worksafe.qld.gov.au/electricalsafety. You should obtain a copy and read this material, to enable you to fully understand your obligations, and prospective means of complying with them.

1.1. Who does the Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and Electricity Entity Requirements apply to?

A person, worker or Person Conducting a Business or Undertaking (PCBU) at a workplace is required to comply with the requirements of Electrical Safety Regulation 2013 Part 5 Overhead and Underground Electric Lines and Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines to ensure that no person, plant or thing comes within an unsafe distance (exclusion zone) of an overhead electric line. Compliance with these regulatory requirements is essential to reduce the risk of electric shock and contact with Electricity Entity electric lines and other assets which can have deadly consequences.

Examples of work activities where risk of person, plant or equipment coming near or into contact with overhead electric lines include but are not limited to:

- Pruning or felling trees or vegetation near overhead electric lines, including the service wire into a building.
- Carrying out building work, scaffolding or demolition adjacent to overhead electric lines.
- Painting fascia, replacing roofing, guttering or external cladding near service line point of entry to a building.
- Operating cranes, tip trucks, cane harvesters, elevated work platforms, fork lifts, grain augers, excavators, irrigators, etc near OH electric lines.
- Erecting or maintaining advertising signs or billboards near overhead electric lines.
- Dam or levee bank construction.

Examples of work activities that could involve risk of damage to underground cables or earthing systems include but are not limited to:

• Digging holes, excavating, sawing, trenching, under boring, sinking bore holes, earthworks or laying cables, pipes, etc or driving implements into the ground (e.g. star pickets, fence posts) near where underground cables or earthing systems may be located.

1.2. Are you working or planning to work near overhead or underground electric lines?

Electrical Safety Regulation Section 68 requires that before carrying out any work at a workplace where there is a risk of any person, plant or thing encroaching the exclusion zone of overhead electric lines, the person, worker or PCBU is required to ensure that the potential hazards are identified, a risk assessment conducted and the necessary control measures implemented to minimise electrical safety risks to ensure the safety of all workers and other persons at the workplace. The Electrical Safety Regulation 2013 and Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines detail the Exclusion Zones that must be maintained.

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1.2.1 Work near overhead electric lines

Where a risk assessment has been conducted and control measures implemented in accordance with requirement of Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and Electricity Entity Requirements (this document) and it has identified that exclusion zones from overhead electric lines cannot be maintained, the person, worker or PCBU is then required to contact Electricity Entity and request written Safety Advice (refer Section 1.3 below).

The person, worker or PCBU shall be required to maintain exclusion zones until such times as the Electricity Entity has provided written Safety Advice.

A person, worker or PCBU would not be required to contact the Electricity Entity and request a written Safety Advice where their risk assessment and implemented control measures ensure that exclusion zones from overhead electric lines will be maintained throughout performance of work to be undertaken at a particular site.

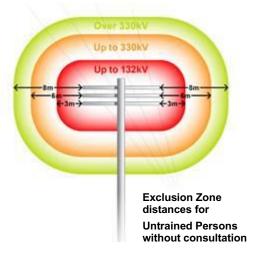
1.2.2 Exclusion Zones

An exclusion zone is a safety envelope around an overhead electric line. No part of a worker, operating plant or vehicle should enter an exclusion zone while the overhead electric line is energised (live).

Exclusion zones keep people, operating plant and vehicles a safe distance from energised overhead lines.

You must keep yourself and anything associated with the work activity out of the exclusion zone (e.g. a safe distance) unless it is not reasonably practicable to do so; and the person conducting a business or undertaking complies with the requirements of Section 68(2) of the Electrical Safety Regulation in relation to:

- conducting a risk assessment.
- implementing control measures
- adhering to any requirements of an Electricity Entity responsible for the line.



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Exclusion Zone – Untrained Person (distances in mm)

	Untrained Person			
Nominal phase to phase voltage of electric line	Person	Operating Plant	Operating Vehicles	
Insulated LV: Consultation with and verified by AP (Electrical)	No exclusion zone prescribed	1000	300	
LV with NO consultation with Electricity Entity	3000		600	
LV With consultation with Electricity Entity	1000	3000		
>LV up to 33 kV with NO consultation with Electricity Entity	3000		900	
LV up to 33 kV with consultation with Electricity Entity	2000			
>33 kV up to 132 kV	3000		2100	
>132 kV up to 220 kV	4500	6000	2900	
>220 kV up to 275 kV	5000	0000	2500	

Information extracted from Electrical Safety Regulation 2013 Schedule 2

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Exclusion Zone – Instructed Person and Authorised Person (distances in mm)

	Instructed Person (IP) & Authorised Person (AP)			
Nominal phase to phase Voltage of electric line	AP and IP	Operating Plant with Safety Observer or another Safe System of work	Operating of Vehicles	
Insulated LV: Consultation with and verified by AP (Electrical)	No exclusion zone prescribed	No exclusion zone prescribed	No exclusion zone prescribed	
LV	No exclusion zone prescribed	1000	600	
>LV up to 33 kV	700	1200	700	
>33 kV up to 50 kV	750	1300	750	
>50 kV up to 66 kV	1000	1400	1000	
>66 kV up to 110 kV	1000	1800	1000	
>110 up to 132	1200	1000	1200	

Information extracted from Electrical Safety Regulation 2013 Schedule 2

1.2.3 Work near underground electrical lines (underground electrical assets)

Before carrying out any earthworks at a location, the person, worker or PCBU is required to ensure that the potential hazards are identified, a risk assessment conducted and the necessary control measures implemented to minimise the risk of damaging identified or unidentified underground electrical assets and to ensure the safety of all workers and other persons at the workplace. The Electrical Safety Regulation 2013 and Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and Electricity Entity Requirements detail the requirement for work near underground electric lines.

There is no exclusion zone applicable for underground electrical assets – conduits, cables (unless cable is damaged, or conductors or terminations have been exposed) therefore there is **no requirement for a written Safety Advice** to be requested by a person, worker or PCBU, or issued by an electricity entity for work at a site that only involves identified or unidentified underground electrical assets (e.g. does not involved overhead electric lines or other exposed live parts within the work location).

1.3. Obtaining Safety Advice

To obtain written Safety Advice where identified as being required in Section 1.2.1 above, complete and return (by fax or email) the applicable Safety Advice Request Form which is accessible via the electricity entity website link on page 9:

- Energex Form Application for Safety Advice Working near Energex exposed live parts
- Ergon Energy Safety Advice Request Form

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On receipt, the Electricity Entity will contact the Applicant to advise date and time to meet at site to provide written Safety Advice. It is advisable to bring to the meeting your copy of the Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines (and Before You Dig Australia Plan for location of underground assets where required), as reference to this will be necessary during the meeting. Written Safety Advice and/or other control measures provided by the Electricity Entity may incur a fee.

Failure to adhere to the Electrical Safety Regulation Section 68 requirements and mandatory control measures as documented on written Safety Advice as issued will result in written non-compliance advice being sent to the Electrical Safety Office.

Where this work is required to occur on a regular basis at a workplace, the PCBU may consider arranging to have one or more employees trained and subsequently accredited with the Electricity Entity as Authorised Persons.

1.4. Authorised Person and how to become one?

Under the Electrical Safety Regulation 2013, the exclusion zones for working near or operating plant or vehicles near exposed, low voltage or high voltage electric lines vary depending on whether a person is classed as an "Untrained Person", "Authorised Person" or "Instructed Person". An Authorised Person is permitted to carry out work closer to the electric lines than an Untrained Person (refer Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines Appendix B Exclusion Zones for Overhead Electric Lines).

To become an Authorised Person, the employer / self-employed person must first satisfy the "person in control" of the electric line, in this case the Electricity Entity, that their Applicants possess the required competencies. They must then apply in writing to Electricity Entity for approval.

Removal or replacement of LV service fuse to permit work on consumers' mains, installation switchboard, consumer's terminals or eliminate an exclusion that would exist requires the Electrical Mechanic to hold a current Queensland Electrical Mechanic Licence and perform the work in accordance with their documented safe system of work.

NOTE: It is not permissible to replace a blown LV service fuse(s) after loss of supply to consumer's installation or to alter Electricity Entity LV aerial services.

1.5. Contacting Electricity Entity for Safety Advice or Authorised Person Enquiries

By phone

call Electricity Entity on General Enquiries phone number (refer page 3).

By email

- Energex: custserve@energex.com.au or authorisedperson@energex.com.au
- Ergon Energy: safetyadvice@ergon.com.au

Website

- Energex: https://www.energex.com.au/home/safety/working-near-powerlines
- **Ergon Energy:** https://www.ergon.com.au/network/safety/business-safety/the-outdoor-workplace/working-near-powerlines

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2. OVERHEAD ELECTRIC LINES

The following table sets out preparatory work options that may be required to be performed by the Electricity Entity (or electrical contractor where identified as being permitted who is an Authorised Person - Electrical) to assist a person, worker or PCBU in minimising the electrical safety risks of, encroaching within the exclusion zone or contact with electric lines.

Category of work		Description	Costing arrangement
Safety Advice	Base information	Provide Safety Advice	Nil cost to customer
LV Service isolation	Isolation carried out by customer's electrical contractor	Isolation of overhead or underground service by removal of the service fuse(s). (Preferred option to isolate supply and eliminate the exclusion zone).	No involvement by the Electricity Entity. May be a cost charged by the customer's electrical contractor.
	2. Isolation carried out by Electricity Entity	Customer requested isolation of overhead or underground service by removal of the service fuse(s); or Customer requested physical disconnection and reconnection of overhead or underground service.	Cost to customer.
Insulation integrity verification	Verification of insulation integrity to reduce exclusion zone to no exclusion zone prescribed e.g. no contact permitted	Verification of insulation integrity to classify as insulated service – Insulation integrity can only be verified at the time of inspection – visual inspection is required before confirmation in all cases. When service insulation integrity verified - no exclusion zone prescribed e.g. no contact permitted.	Cost to customer.
Service replacement	4. Open wire service, service fuse(s) at house/building	Replacement of service with new XLPE service cable and service fuse(s) installed at origin (pole end) of service to allow isolation of service. Insulation integrity can be verified for new XLPE services at the time of installation – visual inspection is required before confirmation.	Nil cost to customer for service replacement. Customer responsible for necessary installation, Mains Connection Box and service support bracket upgrade and associated costs if required.
		Service installations where: a. the consumer's mains cannot be insulated and an exclusion zone must be maintained, and b. the service cannot be isolated at the service fuse. Service to be isolated by breaking the service cable connection to the LV mains at the pole. Service fuse(s) to be installed at origin (pole end) of service prior to reconnection.	Nil cost to customer for first disconnection and reconnection. Cost to customer for subsequent requests.

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Category of work		Description	Costing arrangement	
	5. All other service replacements	Customer requested replacement of existing service with new XLPE service cable to classify as insulated service, in lieu of isolation, to allow work close (no exclusion zone prescribed e.g. no contact permitted). Service fuse(s) to be installed at origin (pole end) of service.	Cost to customer for service replacement. Customer responsible for necessary installation, Mains Connection Box and service support bracket upgrade and associated costs if required.	
Tiger Tails	6. Installation of Tiger Tails (for visual indication only – not for providing electrical insulation of LV mains)	Customer requested coverage of LV mains for visual indication only (not permitted on HV mains). The Entity may also fit tiger tails to LV service line for visual indication only.	Cost to customer.	
Aerial Markers	7. Installation of aerial marker flags or balls (for visual indication only)	Customer requested temporary or permanent installation of appropriate aerial marker devices on LV or HV mains.	Cost to customer.	
Switching	8. Customer requested switching	Customer requested switching to allow customer/contractor to work close (no exclusion zone prescribed e.g. no contact permitted).	Cost to customer.	

2.1. Isolation of supply to customer installation to eliminate exclusion zone around LV service line

An Electrical Mechanic (holding current Queensland Licence) working on behalf of an electrical contractor and accredited with the Electricity Entity as an Authorised Person (Electrical) is permitted to remove and replace LV service fuse(s) when isolation of customer LV service line is required to eliminate the exclusion zone around the LV service line, or to work on the customer's mains and/or switchboard. Isolation of the customer's LV service line by an Authorised Person (Electrical) is only permitted at an underground service pillar or service pole by removing a fuse wedge(s) from a service line, in accordance with Electricity Industry practices e.g. from ground level using appropriate insulated tools, PPE and insulating mats. In those situations where the service fuse/circuit breaker is not located at supply end of the LV service, contact the Electricity Entity to arrange for Safety Advice where elimination of exclusion zone around LV service line is required.

Any controls used by the Authorised Person (Electrical) to identify and confirm isolation and ensure supply to the customer's installation is not inadvertently re-energised shall comply with Electrical Safety Regulation 2013 Section 14 and 15 requirements.

NOTE:

The Authorised Person (Electrical) will not be permitted to replace a blown LV service fuse(s) after loss of supply to a customer's installation or to alter the Electricity Entity overhead LV services. The low voltage pole top service fuse shall only be removed by use of an approved, in test, insulated telescopic pole device while standing at ground level and wearing class 00 insulating gloves. At no time is it permissible for an Authorised Person (Electrical) to climb or work aloft on the Electricity Entity's poles or assets unless approved by the Electricity Entity.

2.2. Operating Plant

It can be extremely difficult for operating plant operators to see overhead lines and to judge distances from them. Contact with overhead lines can pose a risk of grounding live conductors and electrocution.

In many cases the likelihood of damage or injury can be reduced by setting up and operating the machinery well clear of overhead electric lines.

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In situations where operating plant is operated by an Authorised Person or Instructed Person without a Safety Observer or another safe system, the exclusion zone requirements (refer Section 1) for an Untrained Person applies (refer Electrical Safety Regulation 2013 Schedule 2 or Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines).

For an Authorised or Instructed Person and their Operating Plant to approach overhead electric lines closer than the exclusion zone distances for an Untrained Person, a Safety Observer or another safe system shall be used. Refer to the Electrical Safety Regulation 2013 and the Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines for exclusion zone distances for Authorised and Instructed Persons operating plant with a Safety Observer or another safe system.

Where a Safety Observer is used, the Safety Observer shall:

- Be trained to perform the role.
- Not be required to carry out any other duties at the time, and
- Not be required to observe more than one item of plant operating at a time, and
- Attend all times when the item of plant is operating.

Other control measures for operating plant may include, but are not restricted to:

- Constructing physical barriers or height warning indicators either side of the overhead electric line that are lower than the maximum travel height permissible without encroaching within the exclusion zone of the overhead electric line.
- Applying appropriate signage at least 8 to 10 m either side of overhead electric lines.
- Arrange for visual indicators such as Tiger Tails or aerial markers to fitted to the overhead electric lines only erected by the Electricity Entity (tiger tails are only permitted on LV mains).
- Ground barriers, where appropriate.
- Informing workers of required work practices.
- Ensuring operators are aware of the height and reach of their machinery in both stowed and working positions.
- Lowering all machinery to the transport position when relocating.
- Providing workers with maps or diagrams showing the location of underground and overhead electric lines, and
- Where possible, directing work away from overhead electric lines not towards them.

2.3. Scaffolding Requirements

The following information provided is for guidance only and shall be read in conjunction with the Electrical Safety Regulation 2013, Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and AS/NZS 4576:1995: Guidelines for Scaffolding.

Requirements shall be complied with where scaffolding is required to be erected within 4 m of nearby overhead electric lines:

- The scaffolding shall not be erected before contacting and obtaining Safety Advice from the Electricity Entity.
- Erection of scaffolding to comply with requirements of AS/NZS 4576:1995: Guidelines for Scaffolding.

The scaffolding can be either:

nonconductive material scaffolding; or

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• metallic scaffolding with solid nonconductive barriers (with no gaps, holes or cuts) securely fixed to the outside and/or top of the scaffolding to prevent encroachment within exclusion zones or contact with the energised mains.

Where scaffolding is erected within 3 m of nearby overhead electric lines:

- It shall be fitted with fully enclosed non-conductive solid barriers to prevent encroachment within exclusion zones or contact with the energised mains fully enclosed.
- The person required to erect and/or disassemble scaffolding as well as the required solid barrier affixed to the scaffolding should be an Authorised Person (approved in writing by the Electricity Entity refer requirements of Section 1.4 of this Reference).
- A Safety Observer shall be used during performance of this work where there is a risk of encroachment within 3 m of nearby energised overhead electric lines for voltages up to 33 kV. Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity for consultation.
- Alternatively, consideration should be given to the de-energisation of the nearby electric lines where possible for the duration of this work. Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity for consultation.
- Comply with the horizontal and vertical statutory clearances from overhead electric lines as set out in Electrical Safety Regulation 2013 Schedule 4.
- Persons are not permitted to go outside of or climb on top of the solid barrier fixed on the outside and/or top of the scaffolding.

Where an insulated low voltage service line passes through the scaffolding, it should either be de-energised for duration of work or be fully enclosed by non-conductive material (e.g. form ply).

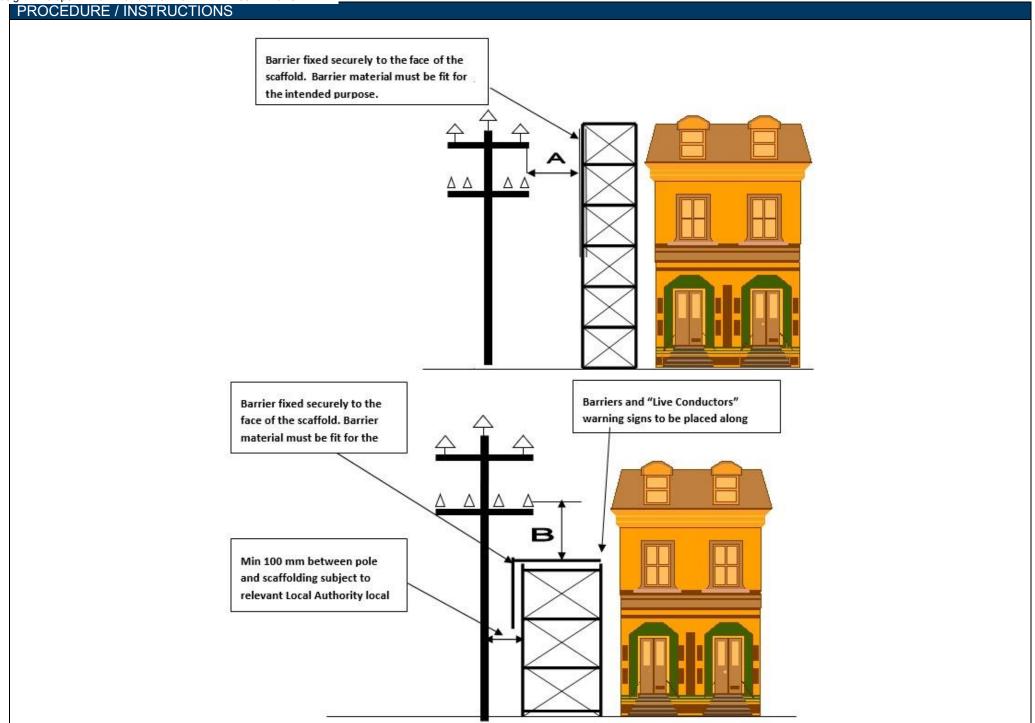
Minimum statutory clearances from nearby overhead electric lines for scaffolding erected with barriers affixed.

Voltage Level	Horizontal Distance "A" (in metres)	Vertical Distance "B" (in metres)
Low voltage conductors (uninsulated)	1.5m	2.7m
Low voltage conductors (insulated) – these distances can only be applied after the integrity of the insulation has been verified by the Electricity Entity	0.3m	0.6m
Above LV and up to 33 kV (uninsulated)	1.5m	3.0m
Above LV and up to 33 kV (insulated)	Contact Electricity Entity for consultation.	
Above 33 kV (uninsulated)	Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity consultation.	

NOTE:

Dimension's "A" and "B" is between the scaffolding and the closest conductor of the overhead electric line. Dimension B is also taken from the lowest part of the mid span sag adjacent to the scaffolding.

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2.4. High Load transport under Overhead Electric Lines

Any person or company transporting a High Load (load in excess of 4.6 m high) under overhead electric lines must comply with Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines is required to submit a Notification to Transport High Load form to the relevant Electricity Entity of the intended route and details of the high load involved. Before any person or company can transport a high load (load in excess of 4.6 m high), authorisation to travel must be received in writing from the Electricity Entity. Refer details below to contact the Electricity Entity for high load enquiries or to submit Notification to Transport High Load form:

Energex:

Email: <u>custserve@energex.com.au</u>
 Website: www.energex.com.au

• Phone: Energex Contact Centre on 13 12 53 (8am to 5:30pm, Monday to Friday)

Ergon Energy:

Email: <u>Highload2@ergon.com.au</u>
 Website: www.ergon.com.au

• **Phone:** (07) 4932 7566 (8am to 4:30pm, Monday to Friday)

2.5. Additional Details and Fact Sheets on Electricity Entity Requirements

Additional details and Fact Sheets on Electricity Entity requirements for working near overhead electric lines are located on the following internet sites

Energex: https://www.energex.com.au/home/safety/working-near-powerlines

Ergon Energy: https://www.ergon.com.au/network/safety/business-safety/the-outdoor-workplace/working-near-powerlines

3. UNDERGROUND ELECTRICAL ASSETS

3.1. Responsibilities When Working in the Vicinity of Electricity Entity Underground Electrical Assets

Everyone has a legal "Duty of Care" that must be observed when working in the vicinity of underground electrical assets which includes underground cables, conduits and other associated underground equipment. When discharging this "Duty of Care" in relation to Electricity Entity underground electrical assets, the following points must be considered:

- 1. It is the responsibility of the architect, consulting Engineer, developer, and principal contractor in the project planning stages to design for minimal impact and protection of Electricity Entity underground electrical assets. The Electricity Entity will provide plans on request via BYDA showing the presence of the underground electrical assets to assist at this design stage.
- 2. It is the constructor's responsibility to:
 - a. Anticipate and request BYDA plans of Electricity Entity underground electrical assets for a particular location at a reasonable time before earthworks begins.
 - b. Visually locate Electricity Entity underground electrical assets by use of an electronic cable locator followed by careful non-mechanical excavation (potholing using hydrovac or hand tools) when earthworks activities may damage or interfere with Electricity Entity plant.

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c. After completion of steps (a) and (b) above, if there is a risk of the Electricity Entity underground electrical assets being damaged or its structural integrity compromised by your planned earthworks activities, contact the Electricity Entity (General Enquiries phone number – refer page 3) for further advice.

A constructor may include but not limited to designer, project manager, installer, contractor, civil contractor.

3. The alignments and boundaries contained within BYDA plans and maps will sometimes differ from present alignments and boundaries "on the ground". Accordingly, in every case, the constructor should obtain confirmation of the actual position of Electricity Entity cables and pipelines under the roadways by non-mechanical excavation (potholing using hydrovac or hand tools) when earthworks activities may damage or interfere with Electricity Entity underground electrical assets. In no case should the constructor rely on statements of third parties in relation to the position of Electricity Entity underground electrical assets.

3.2. Conditions of Supply of Information

- Plans and details of Electricity Entity underground electrical assets provided by BYDA are only current for 4 weeks from the date of dispatch and should not be referred to after this period, if you go past this time, please re-apply to BYDA as underground services may have been updated.
 The Electricity Entity agrees to provide plans if an Electricity Entity underground electrical assets
- The Electricity Entity agrees to provide plans if an Electricity Entity underground electrical assets location request is made to Before You Dig Australia (BYDA), online at https://www.byda.com.au or the free iPhone Application, only on the basis that at least 2 business day notice is given and the BYDA applicant agrees to the terms of this agreement.

Note that the Electricity Entity only provides information on underground electrical assets it owns. Contact the owner of any privately owned underground electrical assets for details of their assets located at site.

- The Electricity Entity retains copyright of all plans and details provided in connection to your request.
- BYDA plans or other details are provided for the use of the BYDA applicant, its servants, or agents, for the sole purpose of the applicant's responsibilities in relation to the Electricity Entity underground electrical assets and shall not be used for any other purpose.
- BYDA plans are diagrams only and indicate the presence of Electricity Entity underground electrical assets in the general vicinity of the geographical area shown. Exact ground cover and alignments cannot be given with any certainty as such levels can change over time.
- On receipt of BYDA plans and before commencing excavation work or similar activities near Electricity Entity's underground electrical assets, carefully locate this plant first to avoid damage.
- The Electricity Entity, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and of details so supplied to the BYDA applicant, its servants or agents, and the BYDA applicant agrees to indemnify the Electricity Entity against any claim or demand for any such loss or damage to the BYDA applicant, its servants, or agents or to any third party.
- The constructor is responsible for all damages to the Electricity Entity underground electrical assets when work commences prior to obtaining BYDA plans, or at any time after that for failure to follow agreed instructions contained in this document or any other advice provided by the Electricity Entity.
- By undertaking any work, you acknowledge that the Electricity Entity reserves all rights to recover compensation for loss or damage to the Electricity Entity caused by interference or damage, including consequential loss and damage to its cable network, or other property.
- Be aware that some underground conduits may contain asbestos. Refer to "Code of Practice for the Management and Control of Asbestos in Workplace [NOHSC: 2018 (2005)]" for guidance.

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3.3. When Working in the Vicinity of Electricity Entity Underground Electrical Assets, You Must Observe the Following Conditions

3.3.1 Records

The first step before any excavation commences is to obtain BYDA plans of Electricity Entity underground electrical assets in the vicinity of the work. For new work, records should be obtained during the planning and design stage. The records provided by BYDA must be made available to all relevant work groups on site. Where underground electrical asset information is transferred to plans for the proposed work, care must be exercised that important detail is not lost in the process.

3.3.2 Location of underground electrical assets

Examining the records is not sufficient, as reference points may change from the time of installation. Records must also be physically proven when working in close proximity to underground electrical assets. The exact location of underground electrical assets likely to be affected shall be confirmed by use of an electronic cable locator followed by careful non mechanical excavation to the level of concrete slabs or conduits. Non mechanical excavation (potholing using hydrovac or hand tools) must be used in advance of excavators. In any case, where doubt exists with respect to interpretation of cable records, contact the Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

If during excavation, cables or conduits are damaged:

- call Electricity Entity (Emergencies phone number refer page 3) to report damaged cables or conduits.
- treat cables as if alive, post a person to keep all others clear of the excavation until the Electricity Entity crew attend to make safe.

If <u>unknown</u> cables or conduits (e.g. not shown on issued BYDA plans) are located during excavation:

- call Electricity Entity (Emergencies phone number refer page 1) to report.
- treat cables as if alive, post a person to keep all others clear of the excavation until the Electricity Entity crew attend to make safe.

If the constructor is unable to locate Electricity Entity underground electrical assets within 2.5 m of nominal plan locations, they should contact the Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

3.3.3 Remote or On-Site Cable Location conducted by Electricity Entity

This service shall only be provided at Electricity Entity's discretion:

- The Electricity Entity may provide this site visit only when underground cables (33 kV or above) are present.
- Due to remote locations where external cable locator or hydro vac service providers are not readily available, Electricity Entity may attend site and assist with cable location (fees may apply for this service).
- The Electricity Entity may provide either remote over the phone or on-site cable location advice to assist in the location of Electricity Entity underground electrical assets, including how to visually locate and protect the plant when excavating.
- Where the Electricity Entity provides on-site cable location advice, any markings provided for the purpose of identifying cable location are for general guidance only, and the constructor is still responsible for non-mechanical excavation (potholing using hydrovac or hand tools) to visually locate Electricity Entity underground electrical assets.
- If the constructor is unable to locate Electricity Entity underground electrical assets within 2.5 m of nominal plan locations, they should contact Electricity Entity (General Enquiries phone number refer page 3) to request further advice.

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3.3.4 **Electrical Cables**

Electricity Entity cables may have warning covers e.g.:

- Clay paving bricks or tiles marked "Electricity" or similar (also unmarked)
- Concrete or PVC cover slabs
- PVC, asbestos or fibro conduit, fibre reinforced concrete, iron or steel pipe
- Concrete encased PVC or steel pipe
- Thin plastic marker tape
- Large pipes housing multiple ducts
- Multiple duct systems, including earthenware or concrete

Some cables are known to be buried without covers. NOTE:

3.3.5 Separation from Electricity Entity underground electrical assets

If location plans or visual location of Electricity Entity underground electrical assets by non-mechanical excavation (potholing using hydrovac or hand tools) reveals that the location of Electricity Entity underground electrical assets is situated where the developer or constructor plans to work, then contact the Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

The developer or constructor shall ensure that minimum separation distance from Electricity underground electrical assets (refer Minimum Separation Requirements tables below) is complied with when installing, altering or repairing other underground services located in the vicinity.

If the Electricity Entity relocation or protection works are part of the agreed solution, then payment to the Electricity Entity for the cost of this work shall be the responsibility of the principal developer or constructor. The Electricity Entity will provide an estimate for work on receipt of the developer's or constructor's order number before work proceeds.

It will be necessary for the developer or constructor to provide the Electricity Entity with a written Work Method Statement for all works in the vicinity of, or involving Electricity Entity underground electrical assets. This Work Method Statement should form part of the tendering documentation and work instruction. All Work Method Statements shall be submitted to the Electricity Entity prior to the commencement of site earthworks.

Underground Services Running Parallel with Electricity Entity Electrical Assets (Minimum Separation required in mm)								
Voltage Level	Level Gas Communication Water Sanitary drainage Storm Water						Storm Water	
		or TV	≤DN 200	>DN200	≤DN 200	>DN 200		
LV	300 (Ergon) 250	100	500	*1000	500	1000	500	
HV	(Energex)	300	500	1000	300	1000	300	

Contact your local utility/council to obtain specific separation distances

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	Underground Services Crossing Electricity Entity Electrical Assets (Minimum Separation required in mm)								
Voltage Level Gas Communication or TV Water Sanitary drainage Street									
LV	100	100	300	300	100				
HV	100	100	333	333	100				

Notes:

- These clearances are each Electricity Entity's minimum requirements, additional separation may be required by the Service Owner. The greater of the separation requirements shall apply.
- Where the above tables does not list a separation requirement for a particular underground service type, the following minimum separation from electricity entity electrical assets shall apply:
 - LV = 100 mm
 - HV = 300 mm
- Compliance with these minimum separation requirements does not guarantee that issues such as Earth Potential Rise (EPR) and Low Frequency Induction (LFI) are managed, where these issues need to be managed, advice will need to be sought from an RPEQ Engineer
- All separation distances are measured from the exterior surface of the conduit / cable not centrelines or inner wall surfaces.

Additional Details and Fact Sheets on Electricity Entity Requirements

Additional details and Fact Sheets on Electricity Entity requirements for working near underground electrical assets are located on the following internet site.

Energex: https://www.energex.com.au/home/safety/working-near-powerlines

Ergon Energy: https://www.ergon.com.au/network/safety/business-safety/the-outdoor-workplace/working-near-powerlines

4. EXCAVATION

4.1. Excavating near Poles and Stay Wires

The following requirements are to be compiled with to minimise the risk of compromising the structural integrity of the Electricity Entity poles and stay foundations when excavation or trenching work is performed nearby that could result in the failure of one or more poles and grounding of supported electric lines.

- Excavation and trenching work undertaken by a person, worker or PCBU in the vicinity of poles and stay foundations shall:
- only be commenced after requirements of Section 3 have been complied with for any underground electrical assets located within the work site.
- upon completion of excavation and site earthworks do not restrict the Electricity Entity vehicle access to pole site for purpose of carrying out maintenance activities.

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- comply with exclusion zones as detailed in the Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines.
- not be attempted:
 - within 5 m (horizontal distance) of **pole stays** where the excavation depth is greater than 250 mm before contacting the Electricity Entity to determine requirements.
 - within 5 m (horizontal distance) of Electricity Entity poles with earth leads or cables running down into the ground before contacting the Electricity Entity to determine requirements.
 - within "Do Not Disturb" zone of pole prior to a certified engineering assessment having been completed by a Registered Professional Engineer Queensland, and then reviewed and approved by the Electricity Entity before proceeding with work. Approval by the Electricity Entity shall not relieve the PCBU of its duties to perform the work in a safe and proper manner and in accordance with all applicable legislation.
 - if the soil is exceedingly wet (saturated) or there is more than minimal wind loading unless additional pole support is provided in accordance with certified engineering assessment and approved by Electricity Entity.
 - when a severe weather event is occurring or expected (e.g. severe weather warning has been issued by Bureau of Meteorology).
- be backfilled as soon as possible (within same day where pole is required to be supported) soil mechanically compacted in layers of 150 mm and all rock and vegetable material excluded from the backfill.
- be backfilled and pole stabilised before removal of additional support required by a certified engineering assessment are permitted to be removed.

The PCBU shall be responsible for arrangement and costs of required certified engineering assessments, approvals by other regulatory bodies (eg. councils, Main Roads pipeline owners, telecomm owns) and installation, maintenance, and removal of associated pole support.

Pole support equipment (where required in accordance with certified engineering assessment) shall be:

- only attached and removed by persons approved by the Electricity Entity.
- used to restrain both the pole head and foot to maintain pole stability during nearby excavation work.
- set up and positioned to maximise support effectiveness and minimise impact on traffic, pedestrian, excavation and machinery at site; and maintain exclusion zone from overhead lines. If insufficient clearance exists to maintain exclusion zone to pole support equipment, arrangements may be required for de-energising the electric line.

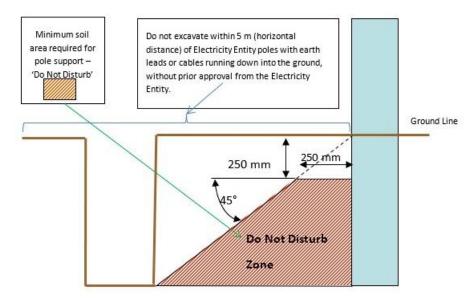


Figure 1 - Do Not Disturb Zone requirements when excavating near poles

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Maximum Trench Depth	Minimum Distance from pole without pole support		
Not more than 0.25 m (250 mm)	Can trench or hand dig (where cables and leads exist) right up to pole		
1.0 m	1.0 m		
1.5 m	1.5 m		
2.0 m	2.0 m		
2.5 m	2.5 m		
3.0 m	3.0 m		

4.1.1 Certified Engineering Assessment

Where required to be provided by the PCBU, a Certified Engineering Assessment shall:

- Ensure the stability of the Electricity Entity poles and foundations is maintained during and as a result of excavation work completed within the 'Do Not Disturb' zone.
- Include detailed design drawing of pole support method.
- Be completed and certified by a Registered Professional Engineer Queensland.
- Consider and address the following key points as a minimum:
 - Pole loading (vertical and lateral) including line deviation angles, direction of lean (towards or away from resultant loading)
 - Direction of pole lean.
 - Pole inspection (conducted to meet the Electricity Entity's requirements at customer cost)
 - Pole foundation depth
 - Proximity of excavation in relation to pole
 - Soil condition
 - Proposed shoring methods as well as installation and removal process
 - Duration and staging of work
 - Requirement to independently support pole during work
 - · Proximity of existing adjacent underground services and excavations
 - · Proposed backfilling and reinstatement method
 - Monitoring and engineering/ geotechnical supervision during excavation work progress
 - Other equipment attached to pole (e.g. underground cables, transformer, ACR, ABS.) must be taken into consideration and in some circumstances will prevent the pole being supported.

4.2. Excavating Near Underground Electrical Assets

For all work within 2.5 m of nominal location, the constructor is required to non-mechanical excavation (potholing using hydrovac or hand tools) and expose the underground electrical assets, hence proving its exact location before earthworks can commence.

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4.2.1 **Excavating Parallel to Underground Electrical Assets**

If excavation work is parallel to the Electricity Entity underground electrical cables, then non mechanical excavation (potholing using hydrovac or hand tools) at least every 4 m is required to establish the location of all cables, hence confirming nominal locations before work can commence. If an excavation exceeds the depth of the cables and it is likely that that the covers or bedding material around the cables/pipes will move causing Electricity Entity cables or conduits to be unsupported, contact Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

NOTE: Be aware that cable depths and directions may change suddenly along the route.

Excavating Across Underground Electrical Assets 4.2.2

Refer Minimum Separation Requirements table in Section 3.3.5 of this document for distances that shall be maintained to prevent inadvertent contact with or damage to underground electrical assets. If the width or depth of excavation is such that the Electricity Entity cables will be unsupported, contact Electricity Entity (General Enquiries phone number - refer page 3) for further advice. In no case shall a cable cover be removed without approval. A cable cover may only be replaced under the supervision of an Electricity Entity officer. Protective cover strips when removed must be replaced under Electricity Entity supervision. Under no circumstances shall protective cover strips be omitted to achieve the minimum separation distance required between Electricity Entity cables and other underground services.

4.2.3 **Heavy Machinery Operation Over Underground Electrical Assets**

Where heavy "crawler" or "vibration" type machinery is operated over the top of cables, a minimum cover of 450 mm to the cable protective cover must be maintained. Alternatively, subject to a Certified Engineering Assessment, use load bearing protection whilst the machinery is in operation.

4.2.4 **Directional Boring Near Underground Electrical Assets**

When boring parallel to cables, it is essential that trial holes are carefully dug using non mechanical excavation (pot holing using hydrovac or hand tools) at regular intervals to prove the actual location of the conduits/cables before using boring machinery. Where it is required to bore across the line of cables/conduits, the actual location of the cables/conduits shall be proven by non-mechanical excavation (pot holing using hydrovac or hand tools). A trench shall be excavated 1 m from the side of the cables where the auger will approach to ensure a minimum clearance of 500 mm from cables/conduits can be maintained.

Hydro Vac Operation 4.2.5

When operating hydro vac equipment to excavate in vicinity of underground electrical assets (cables/conduits):

- Fitted with:
 - nonconductive (neoprene rubber or equivalent) vacuum (suction) hose.
 - oscillating nozzle on pressure wand with water pressure adjusted to not exceeding 2000 psi.
- Maintain a minimum distance of 200 mm between end of pressure wand and underground electrical assets. DO NOT insert the pressure wand jet directly into subsoil.
- Ensure pressure wand is not directly aimed at underground electrical assets (cables / conduits).

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4.3. Blasting

Explosives must not be used within 5 m of cables/conduits, unless an engineering report is provided indicating that no damage will be sustained. Clearances shall be obtained from the Electricity Entity for use of explosives in the vicinity of cables/conduits. Contact Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

The Electricity Entity will accept the level of 25 mm / sec as a peak component particle velocity upper limit as defined in AS 2187.2 Appendix J for blasting operations in the vicinity of these power lines.

Electric line insulators and conductors are particularly susceptible to damage from fly rock and adequate control measure including the use of blast mats shall be used to manage this. Contact Electricity Entity for consultation and application.

5. REPORTING DAMAGE CAUSED TO OVERHEAD OR UNDERGROUND ELECTRIC LINES

Any damage caused to the Electricity Entity overhead electric lines, poles, stays, underground cables, conduits and pipes must be reported no matter how insignificant the damage appears to be. Even very minor damage to cable protective coverings can lead to eventual failure of cables through corrosion of metal sheaths and moisture ingress.

All work in the vicinity of damaged overhead or underground electric lines shall cease and the area be made safe and vacated until clearance to continue earthworks has been obtained from the Electricity Entity. Call Electricity Entity (Emergencies phone number – refer page 3).

6. INFRASTRUCTURE NEAR ELECTRIC LINES

6.1. Easements and Wayleaves

This information, whilst not a legal document, has been developed to assist the community in answering some commonly asked questions about our easements and wayleaves, and briefly outlines what you can do where land is affected by an easement or where consent to installing electrical infrastructure has been given.

6.1.1 What is an Electricity Easement?

An electricity easement is the authority held by the Electricity Entity to use your land near overhead and underground electric lines and substations (electrical assets). Electricity Entity holds this authority for your own safety and to allow employees access to electrical assets at all times. Whilst it will depend on the terms of the particular grant of easement, electrical easements generally give the Electricity Entity the right to access, maintain, repair, rebuild and to restrict development within a defined area.

The easement, which is registered on the property's title, contains a plan showing the dimensions of the easement and its location on the property together with the rights and restrictions over the easement area. The Department of Natural Resources and Mines https://www.resources.qld.gov.au/ or your solicitor will be able to provide this information. Easements may also exist for telephone lines, water and sewage mains and natural gas supply lines.

6.1.2 Why are easements necessary?

Easements are also created to allow the Electricity Entity clear, 24 hour access to the electric lines. It is important to keep the easement clear at all times so regular maintenance, line upgrades, damage or technical faults can be attended to immediately to provide a safe and reliable supply of electricity. Interference with Electricity Entity's rights and electrical equipment may compromise safety of the public and the occupiers of the property. Therefore, it is essential that Electricity Entity's rights are understood and observed.

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6.1.3 How do I know if there are easements on my property?

Contact your solicitor or The Department of Natural Resources and Mines to obtain a Title Search that shows all registered easements on the property.

6.1.4 Who owns the land the easement is on?

The ownership of that land encumbered with the easement remains with the property owner.

6.1.5 How does an easement affect what I can do with my property?

An easement controls what you can build, what size trees you can plant and what outdoor activities you can carry out in the easement area.

An easement affects the use of the property by limiting the development that can be undertaken within the easement area. The exact rights granted to an Electricity Entity under an electricity easement will depend on the wording used in the grant of easement. Property owners and occupiers should also be aware that an Electricity Entity has the right of access to land to undertake certain works (including reading meters and disconnecting supply). These rights of access are granted by Queensland legislation not the easement and so may not be registered on the property's title and therefore may not be revealed in a Title Search.

6.1.6 Who is responsible for maintenance of easement area?

You must provide a continuous, unobstructed area along the full length of the easement to allow an Electricity Entity access to electric lines, transformers, underground cables and other equipment at all times. A width of 4.5 m is typically required for the safe passage of vehicles and heavy plant.

You must NOT place obstructions in the easement within 5 m of any electric lines, transformer, power pole, equipment or supporting wire.

Maintenance of the easement area is generally the responsibility of the property owner and/or occupier, however, complying with regulatory and safety requirements associated with Electricity Entity's electrical assets within the easement area is the responsibility of the Electricity Entity.

6.1.7 What type of maintenance work does Electricity Entity undertake on easements?

To enable Electricity Entity to construct, maintain, repair and rebuild electric lines on some properties, access roads and tracks are required on or adjacent to the easement area. As required, Electricity Entity is able to construct access tracks, retain the right of use of these tracks and maintain them to a suitable level to permit access for its vehicles. Where gates are installed within the easement area, an Electricity Entity lock may be required to enable continual access along the easement corridor.

In addition, periodic vegetation management works are also undertaken by Electricity Entity to ensure that a specified minimum clearance between vegetation and the electric lines is maintained.

Where possible, property owners will be contacted prior to easement maintenance and vegetation works commencing.

6.1.8 Where consent (Wayleave) to installing Electricity Entity infrastructure has been given

Much of Electricity Entity's above ground electricity network is constructed without easements. Instead, the consent of the owner of the affected land is obtained and the electrical infrastructure is installed. Historically this consent has been in the form of a document known as a Wayleave.

This consent (or Wayleave) is a document evidencing the agreement from a particular owner, but it is not registered on the title of the land like an easement.

Once consent is obtained from an owner, Queensland legislation (the Electricity Act 1994) says that the consent of all future owners to the electrical infrastructure is not required.

Queensland legislation grants Electricity Entity rights to access, maintain, repair and replace electrical assets installed with consent.

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6.2. Contact Electricity Entity when planning construction work near electric lines

When planning and before commencement (regardless of whether or not local council approval is required), it is essential to confirm that the proposed construction work (e.g. building, structure, sign, crane, scaffold) does not breach the minimum statutory clearance distances that must be maintained from nearby Electricity Entity overhead or underground electric lines. Refer Electrical Safety Regulation 2013, Schedule 4 and 5 for information on statutory clearance distances that must be complied with.

It is extremely dangerous and potentially life threatening to allow anything to come in close proximity to the conductors of an electric line.

Where it is necessary for an Electricity Entity to relocate electric lines due to statutory clearance breach caused by construction work performed nearby, the Electricity Entity is entitled to recover costs from the PCBU, property owner or occupier who caused the breach. Refer Electrical Safety Regulation 2013, Section 209 Building or adding to structure near electric lines.

Although it is preferred that the area around Electricity Entity electrical assets (including within an Easement area) is free of development, the following examples provide property owners and occupiers with an indication of what type of development is acceptable and what is not.

NOTE: Do not assume that your local council approval is sufficient approval for you to proceed with your work. The local council may not check whether or not your proposed construction work will comply with the Electricity Entity's statutory clearance requirements

6.3. What clearances must be maintained once construction work is completed?

Electrical Safety Regulation 2013, Schedule 4 - Clearance of overhead electric lines and Schedule 5 – Clearance of low voltage overhead service lines detail the statutory clearances that must be maintained from overhead electric lines for completed buildings and structures. These statutory clearances will need to be taken into consideration during the planning phase of determining the location for a building or structure. The table below sets out the minimum statutory clearances required for voltage levels up to 33 kV. Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity for consultation.

Where the Electricity Entity has identified a breach of statutory clearance resulting from erection of a building or structure, the statutory breach will be reportable to the Electrical Safety Office as a Dangerous Electrical Event and any costs incurred in subsequent remedial work to achieve required statutory clearances may be recovered from the person or company who caused the breach of statutory clearance.

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CODE LOCATION	DIRECTION	INSULATED CABLE (ABC) (Note 1)	BARE	MORE THAN 1000 VOLTS BUT NOT MORE THAN 33kV
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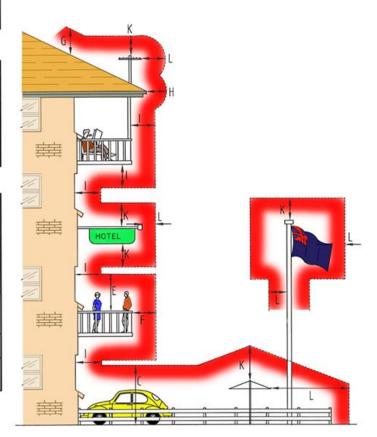
MINIMUM CLEARANCE FROM ROADS, GROUND, OR BOUNDARIES

Α	Crossing the carriageway, roadway	VERTICALLY	5.5m	5.5m	6.7m
A1	Designated "Over Dimension Routes"	VERTICALLY	7.0m	7.0m	7.5m
В	At other positions, footpath	VERTICALLY	5.5m	5.5m	5.5m
C	Other than roads but trafficable	VERTICALLY	5.5m	5.5m	5.5m
C1	Areas totally inaccessible to traffic or mobile machinery	VERTICALLY	4.5m	4.5m	4.5m
D	Cuttings, embankments, easement boundaries	HORIZONTALLY	1.5m	1.5m	2.1m
X	Real Property Boundaries	HORIZONTALLY	0.0m	0.0m	0.0m

MINIMUM CLEARANCE FROM STRUCTURES AND BUILDINGS

E F	Unroofed terraces, balconies, sun-decks, paved areas, etc, subject to pedestrian traffic only. A hand rail or wall surrounding such an area and on which a person may stand. (Note)	VERTICALLY AND HORIZONTALLY (Note)	2.7m 1.2m	3.7m 1.5m	4.6m 2.1m
G H	Roofs or similar structures not used for traffic or resort but on which a person may stand. A parapet surrounding such a roof and on which a person may stand. (Note)	VERTICALLY AND HORIZONTALLY (Note)	2.7m 0.9m	3.7m 1.5m	3.7m 2.1m
1	Covered places of traffic or resort such as windows which are capable of being opened, roofed open verandahs and covered balconies.	IN ANY DIRECTION	1.2m	1.5m	2.1m
J	Blank walls, windows which cannot be opened. (Note)	HORIZONTALLY	0.6m	1.5m	1.5m
K L	Other structures not normally accessible to persons. (Note)	VERTICALLY HORIZONTALLY (Note)	0.6m 0.3m	2.7m 1.5m	3.0m 1.5m

The vertical clearance and the horizontal clearance specified shall be maintained.



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The following list of examples is not exhaustive, and it may be necessary to contact the Electricity Entity if doubt exists as to what is permitted around electricity assets.

What is PERMITTED around Electricity Entity overhead or underground electric lines

- ✓ Erection of fences to a maximum height of 2.4 m is generally acceptable, provided they do not affect access to, and work on, the poles, electric lines and/or cables. Trees, shrubs and plants should be located clear of vehicle access. **Note:** Maximum Growth Height of 3 m.
- ✓ Clothes hoists and barbecues should be located clear of the vehicle access way. Note: Maximum Height 2.5 m.
- ✓ Installation of underground utility services, such as low voltage electricity, gas, telephone and water, is generally acceptable, subject to clearances from Electricity Entity poles and supporting structures, and underground electric mains.
- ✓ Excavating, filling and altering of nearby land may be acceptable but full details need to be provided to the Electricity Entity for assessment.
- ✓ Vehicles, mobile plant and equipment within the easement area need to maintain the minimum statutory clearances distances from overhead electric lines. Normal farming, grazing and other agricultural activities can be carried out. Take care when ploughing or operating mobile machinery or irrigation equipment near Electricity Entity's equipment.
- ✓ Parking of vehicles, trucks, trailers, etc. is normally allowed. <u>Note</u>: Maximum Load and Aerial Height of 4 m. Barriers of an approved design (e.g. bollards) may be required to protect poles from vehicle contact damage. Heavy vehicle or operating plant crossings may need a protective concrete cover to ensure underground cables are not damaged.

What is NOT PERMITTED around Electricity Entity overhead or underground electric lines

- Build houses, sheds, garages or other large structures. Building of roofed/ unroofed verandahs, swimming pools and pergolas are generally not acceptable.
- *Flying kites or model aircraft within the easement.
- Triving fence posts or stakes into ground within easements where there is underground cabling.
- Storing liquids such as petrol, diesel fuel, or any flammable or combustible material that will burn.
- *Installing lighting poles.
- Stockpiling soil or garbage within the easement.
- Planting trees in large quantities that could create a fire hazard or that grow in excess of the approved maximum height of 3 m.
- * Storing or using explosives.
- Residing in or occupying any caravan or mobile home within an easement.
- Placing obstructions within the vicinity of any Electricity Entity assets (e.g. power pole, overhead electric line, equipment or pole stay) that impede access to or work on these assets.

6.4. What about Electric and Magnetic Fields?

The Electricity Entity operates its electric lines within the current guidelines set by the National Health and Medical Research Council for exposure to 50/60 hertz electric and magnetic fields (EMF) and is mindful of some community concern about such fields and health. Contact the Electricity Entity (General Enquiries phone number - refer page 3). Alternatively, further information can be sourced from:

Energy Networks Association (ENA) brochure - "Electric and Magnetic Fields - What We Know", January 2014

http://www.ena.asn.au/sites/default/files/emf-what-we-know-jan-2014-final 1 1.pdf

Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) brochure - "Electricity and Health", May 2011

http://www.arpansa.gov.au/RadiationProtection/Factsheets/is_electricity.cfm

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DEFINITIONS	
Term	Definition
Applicant	A person contacting or applying to the Electricity Entity for a Safety Advice.
Authorised Person	For work near an electrical line, means a person who has enough technical knowledge and experience to do work that involves being near to the electrical line; and has been approved by the person in control of the electrical line (Electricity Entity) to do work near to the electrical line.
Authorised Person (Electrical)	An Electrical Mechanic or Electrical Linesperson (holding current Queensland Licence) working on behalf of an electrical contractor and accredited with the Electricity Entity who is permitted to remove and replace LV service fuse(s) when isolation of customer LV service line is required to eliminate the exclusion zone around the LV service line, or to work on the customer's mains and / or switchboard.
Earthworks	Any digging, penetration or disturbance of ground including but not limited to post hole digging, excavating, trenching, directional boring, bore hole sinking, driving pickets/posts into ground, cut and fill, dam or levee bank construction, blasting.
Electricity Entity	Where Electricity Entity appears throughout this document, it relates to either Energex or Ergon Energy area of responsibility. Refer to respective contact details below.
Instructed Person	For an electrical line, means a person who is acting under the supervision of an Authorised Person for the electrical line.
Safety Advice	A written notice identifying the known electrical hazards at a specific site and advising the control measures required to be implemented by Responsible Person (person responsible for worksite) to reduce the likelihood of harm to person, plant or vehicle at site.
Safety Observer	A safety observer or "spotter", for the operation of operating plant, means a person who: (a) observes the operating plant; and
	(b) advises the operator of the operating plant if it is likely that the operating plant will come within an exclusion zone for the operating plant for an overhead electric line.
	This is a person who has undergone specific training and is competent to perform the role in observing, warning and communicating effectively with the operator of the operating plant.
Untrained Person	For an electrical line, means a person who is not an Authorised Person or an Instructed Person for the electrical line.

TRAINING

Staff must be current in all Statutory Training relevant for the task.

Owner: EGM Operations

SME: Business Improvement Manager

SAFETY / ENVIRONMENTAL CONTROLS

Follow the Safety Policy, procedures and practices set out for Energy Queensland and subsidiary companies.

Personnel are responsible for understanding all the risks and ensuring their individual actions do not endanger the health and safety of themselves or others.

















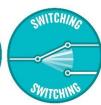


FATAL HAZARDS CRITICAL CONTROLS FOR THE TASK



















REFERENCES

Supporting Documents

Electrical Safety Regulation 2013: Part 5 - Overhead and Underground Electric Lines

Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines

Work Health and Safety Act 2011

Work Health and Safety Regulation 2011

Energex documents:

- Application for Safety Advice Working near Energex exposed live parts
- Important Notice Working near Energex Power Lines Including Overhead Services
- Safety Advice on working near Energex exposed live parts

Ergon Energy documents:

- Safety Advice Request Form
- Safety Advice on Working around Electrical Parts Form
- Important Notice Regarding Safety Advice QRG

Copies of the relevant Acts, Regulation and Codes of Practice and any other relevant legislation can be found on the Queensland Government web site - https://www.worksafe.gld.gov.au/

Owner: EGM Operations SME: Business Improvement Manager Release: 6, 05 Oct 2022 | Doc ID: 2915457

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REFERENCES

Disclaimer

This document refers to various standards, guidelines, calculations, legal requirements, technical details and other information and is not an exhaustive list of all safety matters that need to be considered.

Over time, changes in industry standards and legislative requirements, as well as technological advances and other factors relevant to the information contained in this document, may affect the accuracy of the information contained in this document. Whilst care is taken in the preparation of this material, Energex and Ergon Energy do not guarantee the accuracy and completeness of the information. Accordingly, caution should be exercised in relation to the use of the information in this document.

To the extent permitted by law, Energex and Ergon Energy will not be responsible for any loss, damage or costs incurred as a result of any errors, omissions or misrepresentations in relation to the material in this document or for any possible actions ensuing from information contained in the document.

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Owner: EGM Operations

SME: Business Improvement Manager

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Responsibilities - (When Working in the Vicinity of Ergon Energy Network Asset)

Extreme care must be taken during non-mechanical or mechanical excavation as damage to Ergon Energy Network underground Asset can lead to injury or death of workers or members of the public. Assets includes underground cables, conduits and other associated underground Asset used for controlling, generating, supplying, transforming or transmitting electricity.

A Person Conducting a Business or Undertaking (**PCBU**) must ensure the person's business or undertaking is conducted in a way that is electrically safe. This includes:

- a) ensuring that all Assets used in the conduct of the person's business or undertaking is electrically safe;
- b) if the person's business or undertaking includes the performance of electrical work, ensuring the electrical safety of all persons and property likely to be affected by the electrical work; and
- c) if the person's business or undertaking includes the performance of work, whether or not electrical work, involving contact with, or being near to, exposed parts, ensuring persons performing the work are electrically safe.

In addition, a PCBU at a workplace must ensure, so far as is reasonably practicable, that no person, Asset or thing at the workplace comes within an unsafe distance of an underground electric line.

Workers and other persons must also take reasonable care for their own and other person's electrical safety. This includes complying, so far as is reasonably able, with any reasonable instructions given by Ergon Energy Network to ensure compliance with the <u>Electrical Safety Act 2002</u>

General enquiries (7:00am - 5:30pm Mon to Fri) 13 74 66 Life threatening emergencies 000 or 13 16 70

E: safetyadvice@ergon.com.au

E: <u>byda@energyg.com.au</u> ABN: 40 078 849 055

To re-submit or change the nominated search area please visit BYDA.com.au



The following matters must be considered when working near Ergon Energy Network Asset:

- 1. The PCBU must ensure, so far as is reasonably practicable, that no person, Asset or thing at the workplace comes within an unsafe distance of an underground electric line (see section 68 of the Electrical Safety Regulation 2013).
- 2. It is the responsibility of the architect, consulting engineer, developer, and head contractor in the project planning stages to design for minimal impact and protection of Ergon Energy Network Assets.
- 3. It is the constructor's responsibility to:
 - a) Anticipate and request plans of Ergon Energy Network Assets for a location at a reasonable time before construction begins.
 - b) Visually locate Ergon Energy Network Assets by hand or vacuum excavation where construction activities may damage or interfere with Ergon Energy Network Assets.
 - c) To notify Ergon Energy Network if the information provided is found to be not accurate or Assets are found on site that are not recorded on the Ergon Energy Network BYDA plans.
 - d) Read and understand all the information and disclaimers provided.

Note: A constructor may include but not limited to a PCBU, Designer, Project Manager, Installer, Contractor, Electrician, Builder, Engineer or a Civil Contractor

- 4. Comply with applicable work health and safety and electrical safety codes of practice including but not limited to:
 - a) Working near Assets Electrical Safety Codes of Practice 2020
 - b) Managing electrical risk in the workplace Managing Electrical Risks in the workplace Code of Practice 2021
 - c) Excavation work Code of practice 2021

IMPORTANT NOTES:

- As the alignment and boundaries of roadways with other properties (and roads within roadways) frequently change, the alignments and boundaries contained within Ergon Energy Network plans and maps will frequently differ from present alignments and boundaries "on the ground". Accordingly, in every case where it appears that alignments and boundaries have shifted, or new roadways have been added, the constructor should obtain confirmation of the actual position of Ergon Energy Network Assets under the roadways. In no case should the constructor rely on statements of third parties in relation to the position of Ergon Energy Network Assets. It is the applicant's responsibility to accurately locate all services as part of the design and/or prior to excavation.
- Ergon Energy Network does not provide information on private underground installations, including consumers' mains that may run
 from Ergon Energy Network mains onto private property. Assets located on private property are the responsibility of the owner for
 identification and location.
- Ergon Energy Network plans are circuit diagrams or pipe indication diagrams only and indicate the presence of Asset in the general vicinity of the geographical area shown. Exact ground cover and alignments cannot be given with any certainty as such levels can change over time.
- All underground conduits are presumed to contain asbestos. Refer to:
 - Electrical safety codes of practice 2020
 - o Model Code of Practice: How to manage and control asbestos in the workplace | Safe Work Australia
 - How to manage and control asbestos in the workplace code of practice 2021 (Workplace Health and Safety Queensland (WHSQ))
 - How to manage and control asbestos Code of Practice 2021 (WHSQ)
- Plans provided by Ergon Energy Network are not guaranteed to show the presence of above ground Assets.
- In addition to underground cables marked on attached plan, there could be underground earth conductors, underground substation earth conductors, Multiple Earthed Neutral(MEN) conductors, Single Wire Earth Return(SWER), Substation Earth Conductors, ABS Earth Mats or Consumer Mains in the vicinity or private underground cables (inc. consumers' mains that may run from ERGON ENERGY NETWORK mains onto private property) in the vicinity of the nominated work area(s) that are not marked on the plans.
- Being aware of Your obligations including but not limited to [s 304] Excavation work—underground essential services information under the Work Health and Safety Regulation 2011. Chapter 6 Construction work, Part 6.3 Duties of person conducting business or undertaking. This includes but is not limited to taking reasonable steps to obtain the current information and providing this information to persons engaged to carry out the excavation work. For further information please refer to: http://www.legislation.qld.gov.au/LEGISLTN/SLS/2011/11SL240.pdf
- Ergon Energy Network plans are designed to be printed in colour and as an A3 Landscape orientation

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To re-submit or change the nominated search area please visit BYDA.com.au



Conditions – (When Working in the Vicinity of Ergon Energy Network Asset)

Records:

The first step before any excavation commences is to obtain records of Ergon Energy Network Assets in the vicinity of the work. For new work, records should be obtained during the planning and design stage. The records provided by Ergon Energy Network must be made available to all construction groups on site. Where Asset information is transferred to plans for the proposed work, care must be exercised to ensure that important detail is not lost in the process.

Plans and or details provided by Ergon Energy Network are current for four weeks from the date of dispatch and should be disposed of by shredding or any other secure disposal method after use. A new BYDA enquiry must be made for proposed works/activities to be undertaken outside of the four-week period.

Ergon Energy Network retains copyright of all plans and details provided in connection with Your request.

Ergon Energy Network plans or other details are provided for the use of the applicant, its servants, or agents, and shall not be used for any unauthorised purpose.

On receipt of BYDA plans and before commencing excavation work or similar activities near Ergon Energy Network's Assets, check to see that it relates to the area You have requested and carefully locate this Asset first to avoid damage. If You are unclear about any information contained in the plan, You must contact Ergon Energy Network on the General Enquiries number listed below for further advice.

Ergon Energy Network, 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 Ergon Energy Network against any claim or demand for any such loss or damage.

The constructor is responsible for all Asset damages when works commence prior to obtaining Ergon Energy Network plans, or failure to follow agreed instructions, or failure to demonstrate all reasonable measures were taken to prevent the damage once plans were received from Ergon Energy Network.

Ergon Energy Network reserves all rights to recover compensation for loss or damage caused by interference or damage, including consequential loss and damages to its cable network, or other property.

NOTE: Where Your proposed work location contains ERGON ENERGY NETWORK Underground cables please access the <u>ERGON ENERGY NETWORK BYDA Website</u> for more information.

Location of Assets:

Examining the records is not sufficient, as reference points may change from the time of installation. Records must also be physically proven when working in close proximity to them. The exact location of Asset likely to be affected shall be confirmed by use of an electronic cable and pipe locater followed by **careful hand or vacuum excavation to the level of cable protection cover strips or conduits.** When conducting locations please be aware that **no** unauthorised access is permitted to Ergon Energy Network Assets— including Pits, Low Voltage Disconnection Boxes, Low Voltage Pillars or High Voltage Link Boxes.

Hand or vacuum excavation must be used in advance of excavators. In any case, where any doubt exists with respect to interpretation of cable records, You must contact Ergon Energy Network on the General Enquires number listed below for further advice.

If the constructor is unable to locate Ergon Energy Network underground Assets within 5 metres of nominal plan locations, they must contact the Ergon Energy Network General Enquires number listed below for further advice.

If unknown cables or conduits (i.e. not shown on issued BYDA plans) are located during excavation:

- Call the ELECTRICITY EMERGENCIES number listed below
- 2. Treat cables as if alive, post a person to keep all others clear of the excavation until Ergon Energy Network crew attend to make safe.
- 3. All work in the vicinity of damaged Asset must cease and the area must be vacated until a clearance to continue work has been obtained from an Ergon Energy Network officer.

General enquiries (7:00am - 5:30pm Mon to Fri) 13 74 66 Life threatening emergencies 000 or 13 16 70

E: safetyadvice@ergon.com.au

E: <u>byda@energyq.com.au</u> ABN: 40 078 849 055

To re-submit or change the nominated search area please visit BYDA.com.au



Asset Installation Methods:

Ergon Energy Network Assets are installed with a variety of protection devices including:

- 1. Clay paving bricks or tiles marked "Electricity" or similar (also unmarked)
- 2. Concrete or PVC cover slabs
- 3. PVC, A/C or fibro conduit, fibre reinforced concrete, iron or steel pipe
- 4. Concrete encased PVC or steel pipe
- 5. Thin plastic marker tape
- 6. Large pipes housing multiple ducts
- 7. Multiple duct systems, including earthenware or concrete 2, 4, and 6-way ducts and shamrocks

Note: Some Assets are known to be buried without covers and may change depth or alignment along the route.

Excavating Near Assets:

For all work within 2.5m of nominal location, the constructor is required to hand or vacuum excavate (pothole) and expose the Asset, hence proving its exact location before work can commence.

Cable protection cover strips shall not be disturbed. Excavation below these cover strips, or into the surrounding backfill material is not permitted.

Excavating Parallel to Assets:

If construction work is parallel to Ergon Energy Network Assets, then hand or vacuum excavation (potholing) at least every 4m is required to establish the location of all Assets, hence confirming nominal locations before work can commence. Generally, there is no restriction to excavations parallel to Ergon Energy Network Assets to a depth not exceeding that of the Asset. Note: Asset depths & alignment may change suddenly.

Separation from Assets:

Any service(s) must be located at the minimum separation as per the tables below:

Table 1. Minimum Separation Requirements for Underground Services Running Parallel with Ergon Energy Network Assets

(Minimum Separation required in mm)									
Voltage	Gas	Communication	Wa	iter	Sanitary	Sanitary drainage			
Level		or TV	≤DN 200	>DN200	≤DN 200	>DN 200	Water		
LV	250	100	500	*1000	500	1000	500		
HV		300	500	1000	500	1000	500		
	*Contact Ergon Energy Network/council to obtain specific separation distances								

Table 2. Minimum Separation Requirements for Underground Services Crossing Ergon Energy Network Assets

(Minimum	(Minimum Separation required in mm)									
Voltage Level	Gas	Communication or TV	Water	Sanitary drainage	Storm Water					
LV & HV	100	100	300	300	100					

Where the above table does not list a separation requirement for a particular underground service then 300mm shall be used.

Excavating Across Assets:

The standard clearance between services shall be maintained as set down in Table 2 above. If the width or depth of the excavation is such that the cables will be exposed or unsupported, then Ergon Energy Network shall be contacted to determine whether the cables should be taken out of service, or whether they need to be protected or supported. In no case shall an Asset cover be removed without approval. An Asset cover may only be removed under the supervision of an Ergon Energy Network authorised representative. Protective cover strips when removed must be replaced under Ergon Energy Network supervision. Under no circumstances shall they be omitted to allow separation between Ergon Energy Network Assets and other services.

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To re-submit or change the nominated search area please visit BYDA.com.au



Heavy Machinery Operation Over Assets:

Where heavy "Crawler" or "Vibration" type machinery is operated over the top of Assets, a minimum cover of 450mm to the protective cover must be maintained using load bearing protection whilst the machinery is in operation. For sensitive Assets (i.e. 33 and 110kV fluid and gas filled cables), there may be additional constraints placed on vibration and settlement by Ergon Energy Network.

Directional Boring Near Cables:

When boring parallel to Assets, it is essential that trial holes are carefully hand or vacuum excavated at regular intervals to prove the actual location of the Assets before using boring machinery. Where it is required to bore across the line of Assets, the actual location of the Assets shall first be proven by hand or vacuum excavation. A trench shall be excavated 1m from the side of the Asset where the auger will approach to ensure a minimum clearance of 500mm above and below all LV, 11kV, 33kV & 110/132kV Assets shall be maintained.

Explosives

Explosives must not be used within 10 metres of Assets, unless an engineering report is provided indicating that no damage will be sustained. Clearances should be obtained from Ergon Energy Network's Planning Engineer for use of explosives in the vicinity of Ergon Energy Network Assets.

Damage Reporting:

All damage to Assets must be reported no matter how insignificant the damage appears to be. Even very minor damage to Asset protective coverings can lead to eventual failure of Assets through corrosion of metal sheaths and moisture ingress.

If any Damaged Asset is found:

- 1. Call the ELECTRICITY EMERGENCIES number listed below
- Treat cables as if alive, post a person to keep all others clear of the excavation until Ergon Energy Network crew attend to make safe.
- 3. All work in the vicinity of damaged Asset must cease and the area must be vacated until a clearance to continue work has been obtained from an Ergon Energy Network officer.

Solutions and Assistance:

If Asset location plans or visual location of Ergon Energy Network Asset by hand or vacuum excavation reveals that the location of Ergon Energy Network Asset is situated wholly or partly where the developer or constructor plans to work, then Ergon Energy Network shall be contacted to assist with Your development of possible engineering solutions.

If Ergon Energy Network relocation or protection works are part of the agreed solution, then payment to Ergon Energy Network for the cost of this work shall be the responsibility of the PCBU, principal developer or constructor. Ergon Energy Network will provide an estimated quotation for work on receipt of the PCBU's, developer's or constructor's order number before work proceeds.

It will be necessary for the developer or constructor to provide Ergon Energy Network with a written Safe Work Method Statement for all works in the vicinity of or involving Ergon Energy Network Asset. This Safe Work Method Statement should form part of the tendering documentation and work instruction. Refer Interactive Tool on Safe Work Australia site: Interactive SWMS guidance tool - Overview (safeworkaustralia.gov.au)

Vacuum Excavations (Hydro Vac)

When operating hydro vac equipment to excavate in vicinity of Assets (cables/conduits) fitted with:

- Nonconductive (neoprene rubber or equivalent) vacuum (suction) hose.
- Oscillating nozzle on pressure wand with water pressure adjusted to not exceeding 2000 Pound force per Square Inch(PSI)

Maintain a minimum distance of 200mm between end of pressure wand and underground electrical Assets. DO NOT insert the pressure wand jet directly into subsoil.

Ensure pressure wand is not directly aimed at underground electrical Assets (cables/conduits).

Safety Notices (Underground Work)

It is recommended that You obtain a written Safety Advice from ERGON ENERGY NETWORK when working close to Ergon Asset's. For Safety Advice please contact SafetyAdvice@energyq.com.au

Further information on Working Safely around Ergon Energy Network Assets: Working near powerlines | Ergon Energy

Thank You for Your interest in maintaining a safe and secure Electricity Distribution network. Ergon Energy Network welcomes Your feedback on this document via email to byda@energyq.com.au

General enquiries (7:00am - 5:30pm Mon to Fri) 13 74 66 Life threatening emergencies 000 or 13 16 70

E: safetyadvice@ergon.com.au

E: <u>byda@energyq.com.au</u> ABN: 40 078 849 055

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Job ID 50856654

Telstra QLD Regional

Referral 259185369

Member Phone 1800 653 935

Responses from this member

Response received Thu 7 Aug 2025 12.23pm

File name	Page
Response Body	43
Telstra Duty of Care v32.0c.pdf	45
259185369.pdf	47
AccreditedPlantLocators 2025-01-08a.pdf	48
Telstra Map Legend 4.0b.pdf	49

Docusign Envelope ID: F67FF3B6-E451-487A-A24F-F882F7A0BCE4

Attention: Simone Paterson

Site Location: 44 Mocatta St, Goombungee, QLD 4354

Your Job Reference: MAYE

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 4.0b.pdf)

 $\label{locusion} \mbox{Docusion Envelope ID: } \mbox{F67FF3B6-E451-487A-A24F-F882F7A0BCE4}$

(See attached file: AccreditedPlantLocators 2025-01-08a.pdf)

(See attached file: 259185369.pdf)



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.

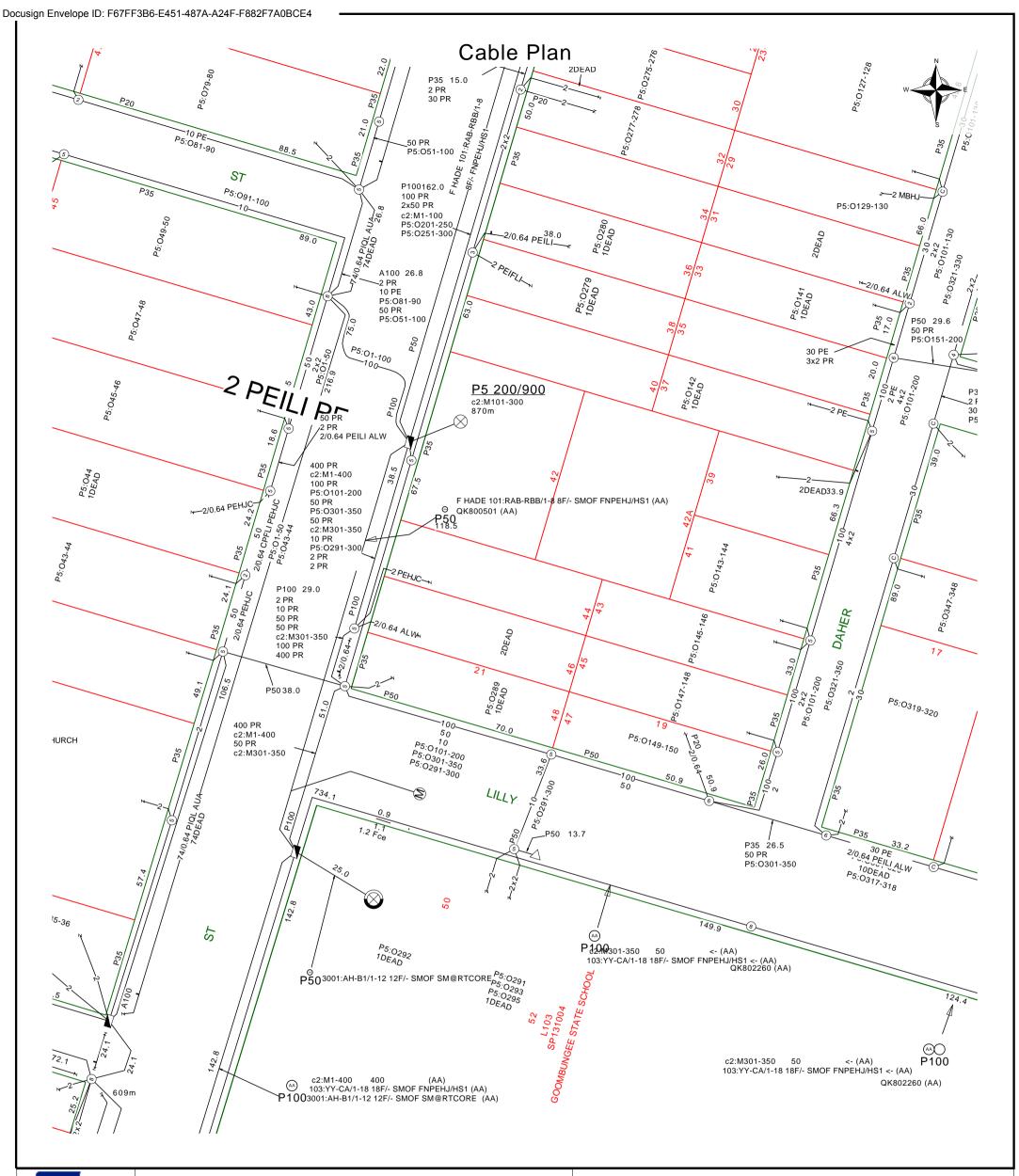
When using excavators and other machinery, also check the location of overhead power lines.

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 or by calling us at 1800 039 059 (business hours only).



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

TELSTRA LIMITED A.C.N. 086 174 781

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

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



Before you Dig Australia - BEST PRACTISE GUIDES

The five Ps of safe excavation

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 BYDA map related enquiries email Telstra.Plans@team.telstra.com 1800 653 935 (AEST Business Hours only)



REPORT ANY DAMAGE TO THE TELSTRA NETWORK IMMEDIATELY

Report online - https://www.telstra.com.au/forms/report-damage-to-telstraequipment

Ph: 13 22 03

If you receive a message asking for a phone or account number say:

"I don't have one" then say "Report Damage" then press 1 to speak to an operator.



Telstra New Connections / Disconnections 13 22 00



Telstra asset relocation enquiries: 1800 810 443 (AEST business hours only).

NetworkIntegrity@team.telstra.com

https://www.telstra.com.au/consumer-advice/digging-construction



Telstra Aerial Assets Group (overhead network) 1800 047 909

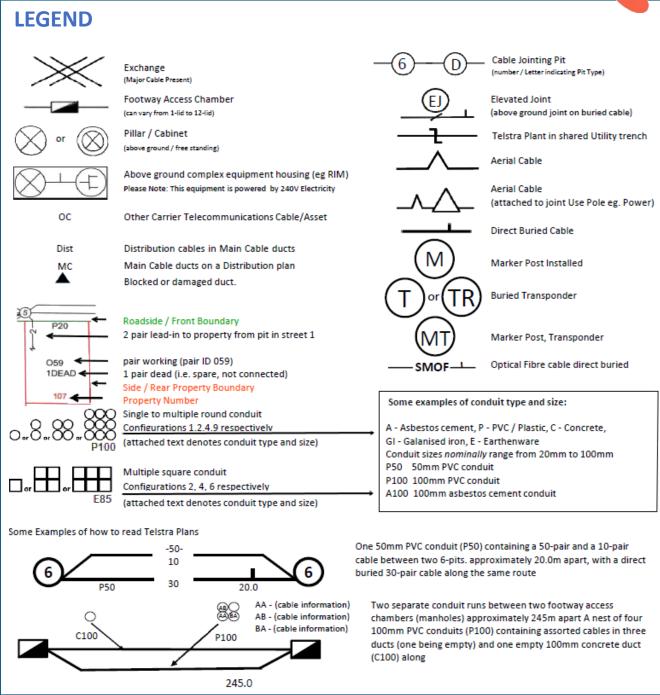


CERTLOC Certified Locating Organisation (CLO)

certloc.com.au/locators/

Only Telstra authorised personnel and CERTLOC Locators can access Telstra's Pit and Pipe Network.





Protect our Network:

by maintaining the following distances from our assets:

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

For more info contact a <u>CERTLOC Certified Locating Organisation (CLO)</u> or Telstra Location Intelligence Team 1800 653 935

Job ID 50856654

Toowoomba Regional Council

Referral Member Phone 259185367 13 18 72

Responses from this member

 Response received Thu 7 Aug 2025 12.19pm

 File name
 Page

 Response Body
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 ASSET 259185367.pdf
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 Disclaimer 259185367.pdf
 53

Hello Simone Paterson,

Thank you for your Before You Dig enquiry on 7 August 2025.

Sequence Number: **259185367**

Contact: Simone Paterson

Email: simone.paterson@pt.qld.gov.au

Phone: 0419 652 261

Fax: - Mobile: -

Address 44 Mocatta St

Brisbane QLD 4000

Site

44 Mocatta St

Address: 44 W

Goombungee QLD 4354

Worksite:

Activity: Blasting, Horizontal Boring, Manual Excavation, Mechanical Excavation, Non-Destructive

Digging, Subdivision, Vertical Boring

Please find attached the response to your enquiry. Should you have any further questions regards the mapping please contact Toowoomba Regional Council on 131 TRC(872). Alternatively for more information on inverts and size queries please refer to our online mapping service https://mapping.tr.qld.gov.au/WAB/Infra

Kind regards,

BYDA Team

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Job # 50856654 Seq # 259185367

Provided by Toowoomba Regional Council









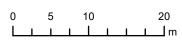
Whilst all due care has been taken in the preparation of this plan / information, the accuracy of the provided information cannot be guaranteed.

All information MUST be verified on site. Please refer any discrepancies to Toowoomba Regional Council by phoning 131 872.

No part of this plan is to be reproduced without Toowoomba Regional Council permission.

Refer to the attached Disclaimer for more information.

In an emergency contact Toowoomba Regional Council on 131 TRC (131 872) Index Sheet





Rich traditions. Bold ambitions.

Council Reference: DM#8308527

Disclaimer

- This Plan/Information is provided for refence purposes in response to an underground infrastructure enquiry.
- This response does not provide approval to carry out any works. You may still need to contact the appropriate Toowoomba Regional Council department and/or QLD Government Department of Natural Resources, Mines and Energy (DNRME) to obtain approval and permits.
- The permission granted by Council to provide the Plan/Information is subject to the following: 3.
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 - 3.6.
 - For the avoidance of doubt, Council expressly reserves all of its rights.

Duty of Care

The enclosed Plan/Information should be used as a reference only; it indicates the presence of underground infrastructure in the general vicinity of the proposed works. It is the applicant's responsibility to ensure that precise location of underground infrastructure is determined. All underground infrastructure in the vicinity of the proposed works must be located prior to the commencement of work

Important General Information about Underground Infrastructure

Underground Infrastructure

- Toowoomba Regional Council's underground infrastructure comprises:

 - Sewer (wastewater) infrastructure, including but not limited to sewerage pipes and access chambers; Stormwater infrastructure, including but not limited to drainage pipes, drainage inlet structures, access chambers; 5.1.2.
 - Water infrastructure, including but not limited to water pipes and fittings; and
 - Electrical and communication infrastructure in the central business district (CBD), and at road intersections. Please note that electrical and communication infrastructure information is not stored digitally. For further information on this infrastructure please call 131 TRC (131 872) for plans. Fees and charges may apply*
- Toowoomba Regional Council does not own or control the location of other underground infrastructure including but not limited to: Telstra, Ergon, National Broadband Network, and Energex.

Plan/Information

The enclosed plan/information covers Toowoomba Regional Council's underground infrastructure in the vicinity of proposed works. If this map does not cover the full extent of the area of proposed works please contact us on 131 TRC (131 872). Housing Connection Plans (HCP) for domestic (internal to the property boundary) sewer drainage infrastructure must be obtained separately from the Plumbing and Drainage section of the Toowoomba Regional Council by contacting 131 TRC (131 872). Fees and charges apply*. Location information for water pipe connections from water meters to a dwelling/structure are not available.

Locating Underground Infrastructure

If you require further assistance locating Council's underground infrastructure, please contact 131 TRC (131 872) for more information.

Your Responsibility

- Visually locate Toowoomba Regional Council underground infrastructure by hand digging where construction activities may damage or interfere with Toowoomba Regional Council underground infrastructure.
- On receipt of plans/information, and before commencing works in the vicinity of Toowoomba Regional Council underground 8.2. infrastructure, carefully locate the infrastructure by using the abovementioned method.
- 8.3. Council Parks and Recreation branch should be contacted on 131 TRC (131 872) to make arrangements to minimize damage to tree
- 8.4. Other relevant authorities should be contacted for locating their infrastructure.
- 8.5 Notification should be given to residents affected by work before commencement.
- 8.6. If an electronic cable locator is used, hand excavation to the depth of the underground infrastructure must be done in advance to the use of excavators
- Any damage to Council's infrastructure must be promptly reported to Toowoomba Regional Council by phoning 131 TRC (131 872).
- Any damage to council assets shall be repaired or reinstated by Toowoomba Regional Council at the applicants cost to the appropriate Council Standard
- Toowoomba Regional Council may elect to carry out rectification/reinstatement works itself because of public safety, continuity of service 8.9. or for other reason(s). In such circumstances, the cost of such repairs will be recovered from the applicant
- 8.10. For all work within 2.5 metres of nominal location, you are required to hand dig (pothole) and expose the underground infrastructure, proving its exact location before work can commence.

Where works impact on road users, a traffic control plan shall be submitted to Council for consideration prior to works commencing. Depending on the impact of such works, certain conditions may be imposed, i.e. Day/time of works.

For more information including inverts and size queries please refer to our Toowoomba Regional Council website (www.tr.qld.gov.au) and access the online maps section

For Further Enquiries & Onsite Surface Locations for TRC underground infrastructure, please phone 131 TRC (131 872)

*Council's Fees and Charges can be accessed at www.tr.qld.gov.au or by calling 131 TRC (131 872)







Job ID 50856654







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