



Job No 11695849

Phone: 1100
www.1100.com.au

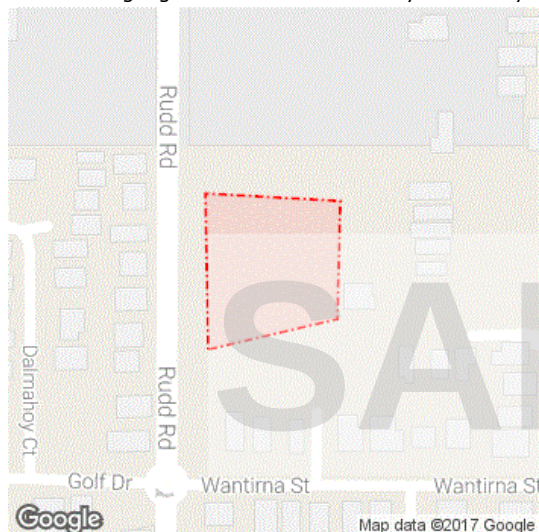
Caller Details

Contact: Mr Psi Vic
Company: PSI (Vic) Pty Ltd
Address: Lvl 4, 10 Nexus Court
Mulgrave

Caller Id: 796370
Mobile: Not Supplied
Email: propertyinfo@psivic.com.au
Phone: 0385276300
Fax: Not Supplied

Dig Site and Enquiry Details

WARNING: The map below only displays the location of the proposed dig 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.



User Reference: 218509
Working on Behalf of: Private
Enquiry Date: 05/01/2017
Start Date: 10/01/2017
End Date: 11/01/2017
Address: Lot 386, Aspendale Crescent
Shepparton VIC 3630
Job Purpose: Excavation
Onsite Activity: Mechanical Excavation
Location of Workplace: Private Property
Location in Road: Not Supplied

- Check that the location of the dig site is correct. If not you must submit a new enquiry.
- Should 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 do not understand the plans or how to proceed safely, please contact the relevant asset owners.

Notes/Description of Works:
Not Supplied

Your Responsibilities and Duty of Care

- If plans are not received within 2 working days, contact the asset owners directly & quote their Sequence No.
- ALWAYS perform an onsite inspection for the presence of assets. Should you require an onsite location, contact the asset owners directly. Please remember, plans do not detail the exact location of assets.
- Pothole to establish the exact location of all underground assets using a hand shovel, before using heavy machinery.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.
- If you damage an underground asset you MUST advise the asset owner immediately.
- By using this service, you agree to Privacy Policy and the terms and disclaimers set out at www.1100.com.au
- For more information on safe excavation practices, visit www.1100.com.au

Asset Owner Details

The assets owners listed below have been requested to contact you with information about their asset locations within 2 working days. Additional time should be allowed for information issued by post. It is **your responsibility** to identify the presence of any underground assets in and around your proposed dig site. Please be aware, that not all asset owners are registered with the Dial Before You Dig service, so it is **your responsibility** to identify and contact any asset owners not listed here directly.

** Asset owners highlighted by asterisks ** require that you visit their offices to collect plans.

Asset owners highlighted with a hash require that you call them to discuss your enquiry or to obtain plans.

Seq. No.	Authority Name	Phone	Status
57985173	APA Group Networks, Shepparton (Vic)	0881154500	NOTIFIED
57985174	Goulburn Valley Water, Central	1800454500	NOTIFIED
57985170	Greater Shepparton City Council	0358329828	NOTIFIED
57985175	NBN Co, VicTas	1800626762	NOTIFIED
57985171	Powercor - Shepparton	132206	NOTIFIED
57985172	Telstra VICTAS	1800653935	NOTIFIED

END OF UTILITIES LIST

Lodge Your Free Enquiry Online – 24 Hours a Day, Seven Days a Week



operated by



APA Group
PO Box 6014 Halifax Street
South Australia 5000

05/01/2017

Company: PSI (Vic) Pty Ltd
Mr Psi Vic
Ground Floor 12 Hardner Road
Mount Waverley
VIC 3149

propertyinfo@psivic.com.au

Dear Mr Psi Vic

Sequence Number: 57985173

Worksite Address:

Shepparton
VIC 3630

Thank you for your Dial Before You Dig enquiry regarding the location of Gas Assets, we can confirm that the APA Group has **Gas Assets** in the vicinity of the above location.

You are hereby notified that the attached Duty of Care requirements apply to any activity in the vicinity of Gas Assets operated by APA, please ensure you read and comply with all the relevant requirements.

Should you have any questions with regards to the attached information please contact our Dial Before You Dig officer - (08) 8115 4500.

**Caution - Damage to gas assets could result in possible explosion and fire with the risk of personal injury.
For Gas Emergencies please call 1800 427 532**

Please find enclosed the following information:

- APA's Duty of Care, If you are unclear of your obligations under these requirements please contact the APA Representative listed above immediately
- An overview map with your requested area highlighted to assist in identifying the location of APA's Gas Assets
- A map(s) showing APA's Gas Assets in the requested area, this information is valid for 30 days from the date of this response, **please check this represents the area you requested**, if it does not, please contact the APA Representative listed above immediately

Please take some time to review the entire response document and check the information supplied and please let us have any feedback by sending an email to DBYDNetworksAPA@apa.com.au or contacting us direct on (08) 8115 4500.

Yours Faithfully,

Dial Before You Dig Officer
APA Group
Email: DBYDNetworksAPA@apa.com.au

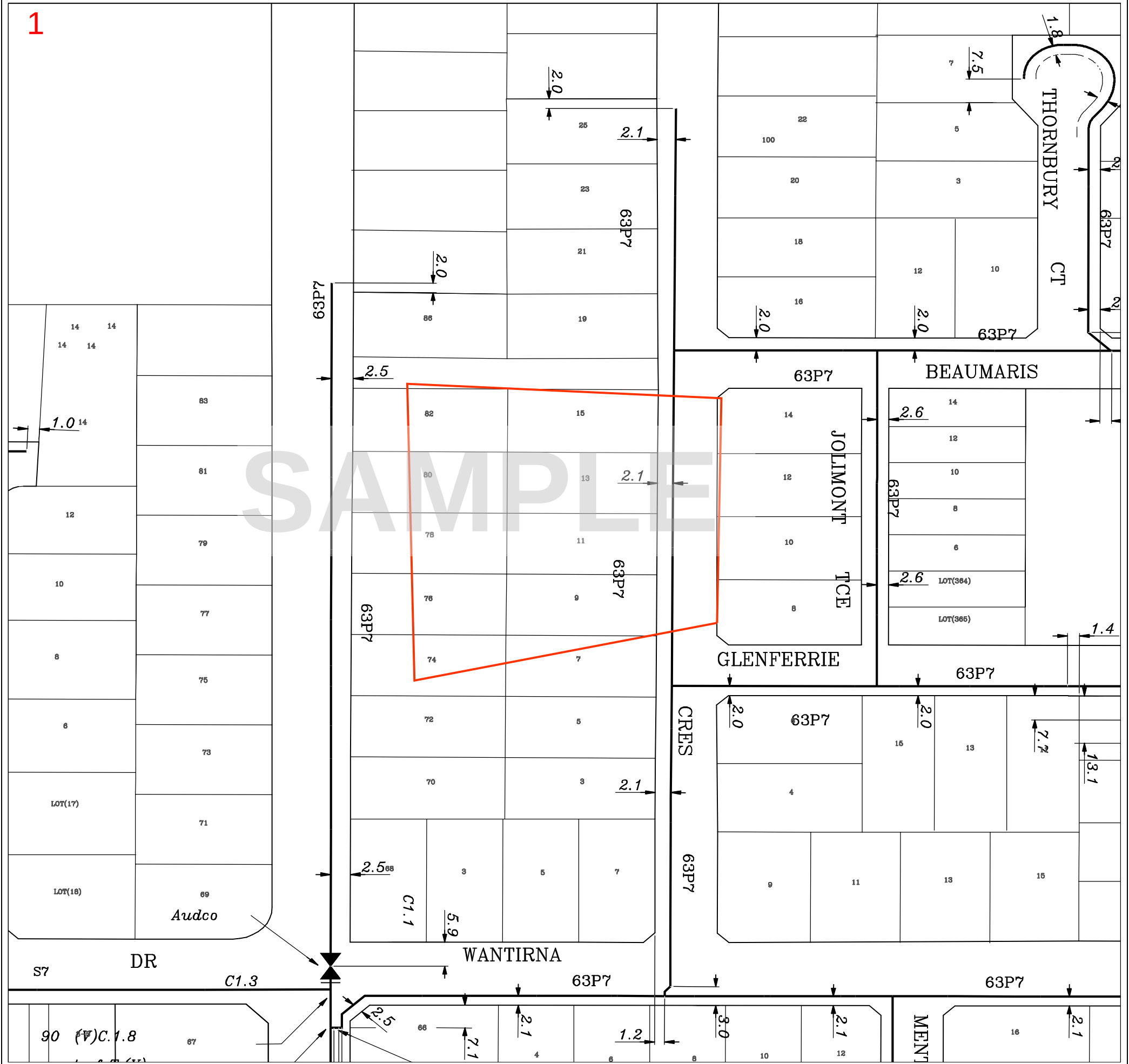
Duty of Care - Working Around Gas Assets

General Conditions

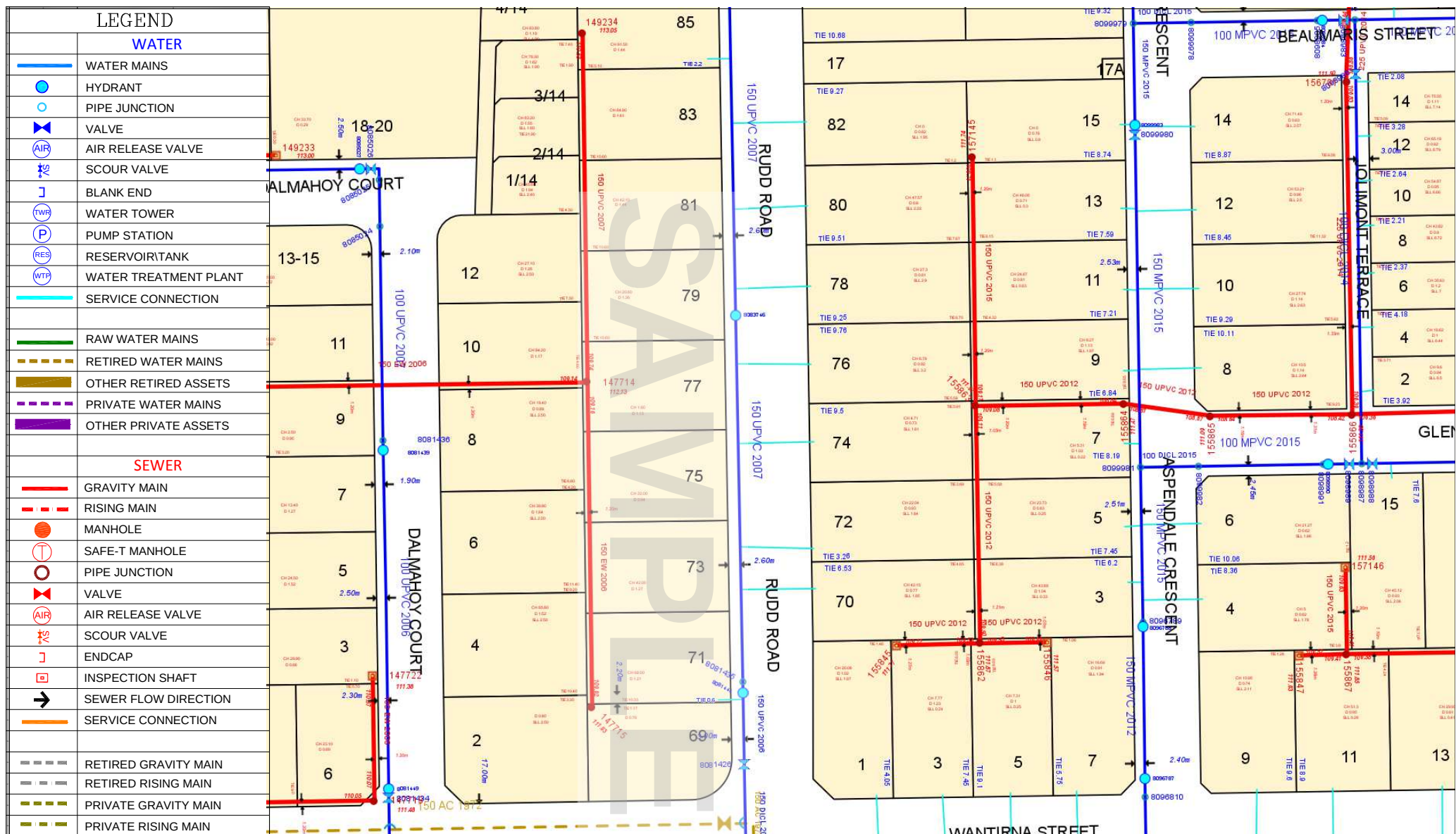
- This location enquiry is valid for 30 days from the enquiry date
- Expired locations, i.e., over 30 days from the date of this response, require a new Dial Before You Dig request to validate location information
- The location information supplied in this document shall be used as a guide only. APA Group shall not be liable or responsible for the accuracy of any such information supplied pursuant to this request
- It is the responsibility of the excavator to expose all Gas Assets, including Gas Services pipelines (See below), **by hand** (Please Note: Do not use vacuum excavation systems as damage to Gas Assets may occur). Gas Asset depths may vary according to ground conditions
- Gas Service pipelines (inlet service) connecting Gas Assets in the street to the gas meter on the property are typically **not** marked on the map
- This information has been generated by an automated system based on the area highlighted in your DBYD request and has not been independently verified. It is your responsibility to ensure that the information supplied in this response matches the dig site you defined when submitting your Dial Before You Dig enquiry. If the information does not match the dig site or you have any question, please contact APA immediately using the details listed on the first page and / or please resubmit your enquiry
- For Gas Emergencies please call 1800 427 532

Site Address	[Address] Shepparton 3630	Sequence No	57985173
Name	Mr Psi Vic		
Email	propertyinfo@psivic.com.au		
Scale 1: 6000		Enquiry Area	Map Key Area

Site Address	[Address] Shepparton 3630	Sequence No	57985173
Email	propertyinfo@psivic.com.au	Map Reference	Vicroads 6 000



LEGEND --- Transmission Gas Pipeline Critical Gas Pipeline — Distribution Gas Main Proposed Gas Main	Map Key 1
Scale 1:1000	0 0.01km NORTH



IMPORTANT NOTICE

All construction works that may impact on the Corporation's assets must be referred to the Corporation for comment and in some cases (e.g. where works are within one metre of the asset), the Corporation's formal consent will be required. Further advice regarding works in the vicinity of Goulburn Valley Water assets can be obtained by calling 1800 454 500 during normal business hours.

Goulburn Valley Water provides this information with the understanding that it is not guaranteed to be accurate, correct or complete and conclusions drawn from such information are the responsibility of the user. While every effort has been made to ensure the accuracy, correctness and timeliness of the data, Goulburn Valley Water assumes no responsibility for errors or omissions.

5/1/2017

Scale 1:1300



Greater Shepparton City Council



05/01/2017

To:

Mr Psi Vic
Ground Floor 12 Hardner Road
Mount Waverley, VIC 3149

Dear Sir or Madam

The following is our response to your Dial Before You Dig enquiry.

Assets Affected: Fire Hydrants-Pits-Pipes-Footpaths-Kerbs

DBYD Job No: 11695849

Sequence No: 57985170

Location: Lot 386, : Shepparton, VIC 3630

Commencement Date: 10/01/2017 12:00:00 AM

Attached is a map of City of Greater Shepparton assets in the area of your enquiry. This does not include private assets.

Please note these plans are indicative locations only and are to be used in conjunction with onsite visual identification of assets.

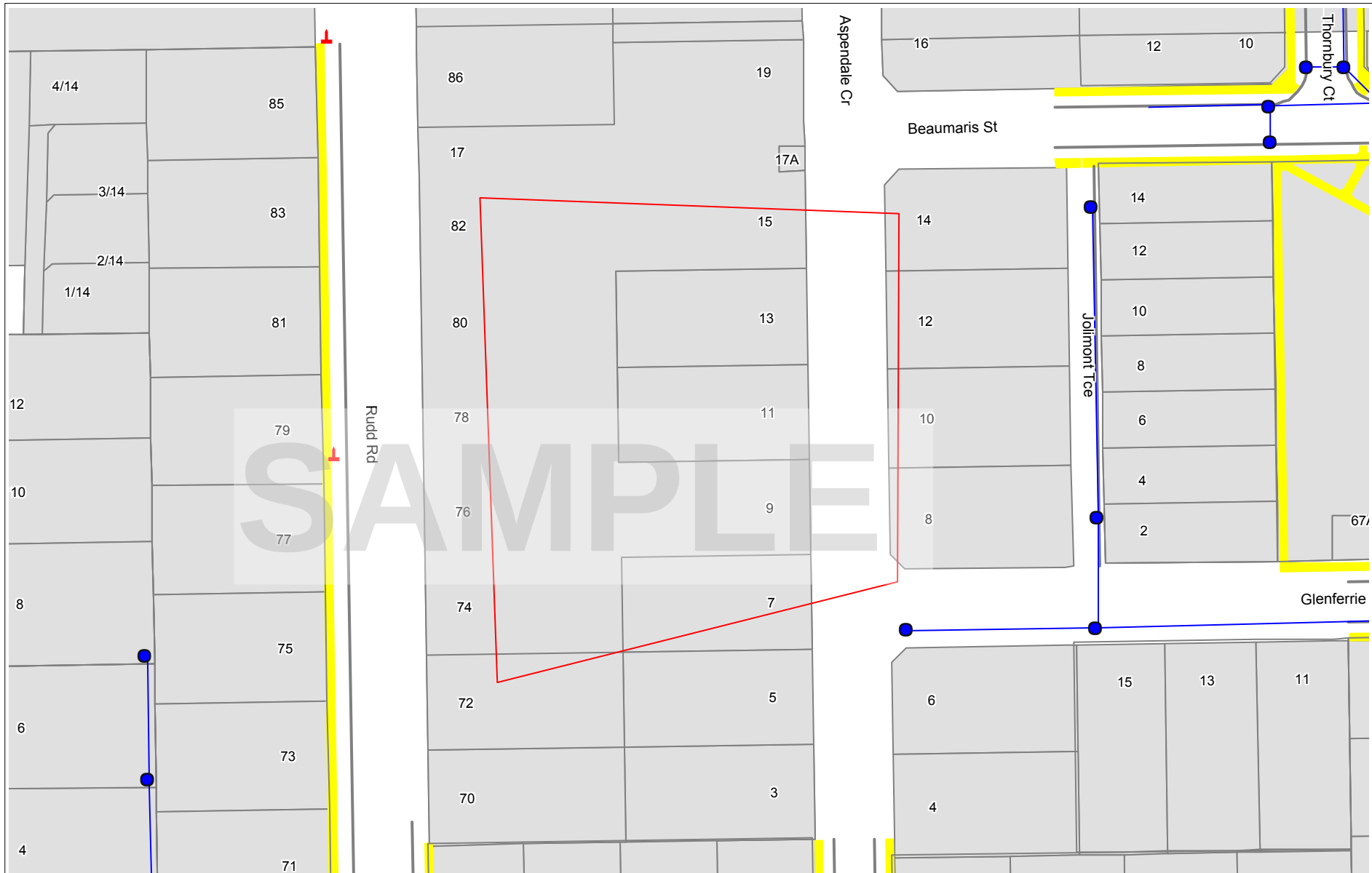
Any works within the road reserve including the road, footpath or nature strip requires consent from the council. Please contact the Permit Inspection Officer at the council using the contact details below.

If you require further information please contact the Asset Systems & Infrastructure Maintenance Department on (03) 5832 9828 or DBYD@shepparton.vic.gov.au.

Damaged Infrastructure: Any damage to City of Greater Shepparton Council's infrastructure should be reported immediately to Customer Service on phone: (03) 5832 9700. Any damage found at a later date, or upon completion of works not reported to Council will be repaired at the direct cost of the applicant.

While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Greater Shepparton City Council or 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.

Greater Shepparton City Council
Locked Bag 1000, Shepparton, Vic, 3632
Council Office: 90 Welsford Street, Shepparton
Ph: (03) 5832 9713 Fax: (03) 5831 1987 Email: council@shepparton.vic.gov.au
www.greatershepparton.com.au
ABN 59 835 329 843



Fire Hydrant



Pit



Pipe



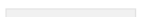
Kerb



Footpath



Property



Estate*



* As constructed plans available on request



Fire Hydrants-Pits-Pipes-Footpaths-Kerbs

DBYD Job No: 11695849

Sequence Number: 57985170

Location:

Shepparton, VIC, 3630

Date Printed: 05/01/2017

DISCLAIMER: Greater Shepparton City Council does not warrant that this map is definitive nor free of error and does not accept liability for any loss caused or arising from reliance upon information provided herein. The location of Council owned assets shown on this map report is approximate only and the exact position of any of these assets should be confirmed on site.



05/01/2017

Reference Number 57985171

Mr Psi Vic
PSI (Vic) Pty Ltd
Ground Floor 12 Hardner Road
Mount Waverley VIC

3149



Dear Customer

Thankyou for your enquiry on 05/01/2017 regarding the work at:
Lot [Address] Crescent Shepparton

A SEARCH OF OUR RECORDS SHOWS THAT THERE ARE UNDERGROUND ELECTRICITY ASSETS WITHIN THE AREA OF YOUR REQUEST

DO NOT PROCEED UNTIL YOU HAVE READ THIS NOTICE IN FULL

The following information is attached for your reference:

- Underground Electricity Asset location details
- Underground Electricity Hazard Awareness Instructions

To ensure that your proposed works do not impact on your safety or our assets please proceed as follows:

- Read all attached documents and observe the Exclusion Zones defined in the Underground Electricity Hazard Awareness Instructions
- Identify the locations of our Underground Electricity Assets from the attached documents

Are our Underground Electricity Assets located where you are planning to dig?

YES - contact us for further advice. Contact details are available on the first page of the attached Underground Electricity Hazard Awareness Instructions (including **Request for Site Visit**)

NO - proceed with caution

UNSURE - contact us for further advice. Contact details are available on the first page of the attached Underground Electricity Hazard Awareness Instructions (including **Request for Site Visit**)

Please note that **no work is to be undertaken in the vicinity of our Underground Electricity Assets that may breach the Exclusion Zones** (as defined by the Underground Electricity Hazard Awareness Instructions) until the completion of a further technical assessment of the area.

Upon receipt of your **Request for Site Visit** form you will be contacted by a responsible officer to assess your requirements. A site visit will be organised if required. During the site visit we will determine the location of our assets and any Permit to Work conditions applicable to your works. We will also be able to provide further details of any additional works which may be required to enable you to safely complete your proposed works.

Please note that the Permit to Work site visit timeframes are subject to enquiry volumes and specific site locations, therefore it may require up to 10 working days to contact you and arrange a site visit

Regards, CitiPower & Powercor Dial Before You Dig (DBYD) response team



Dial Before You Dig (DBYD) Electricity Asset Location Information

CitiPower/Powercor
Locked Bag 14090, Melbourne VIC 8001
General Enquiries Telephone: 132 206



To: ('Enquirer')
PSI (Vic) Pty Ltd - Mr Psi Vic
Ground Floor 12 Hardner Road
Mount Waverley VIC 3149

Enquiry Details

Utility ID	50025
Sequence Number	57985171
Enquiry Date	05/01/2017 15:41
Response	DANGER - Permit May Be Required
Address	[Address] Crescent Shepparton
Location in Road	Not Supplied
Activity	Mechanical Excavation

Enquirer Details

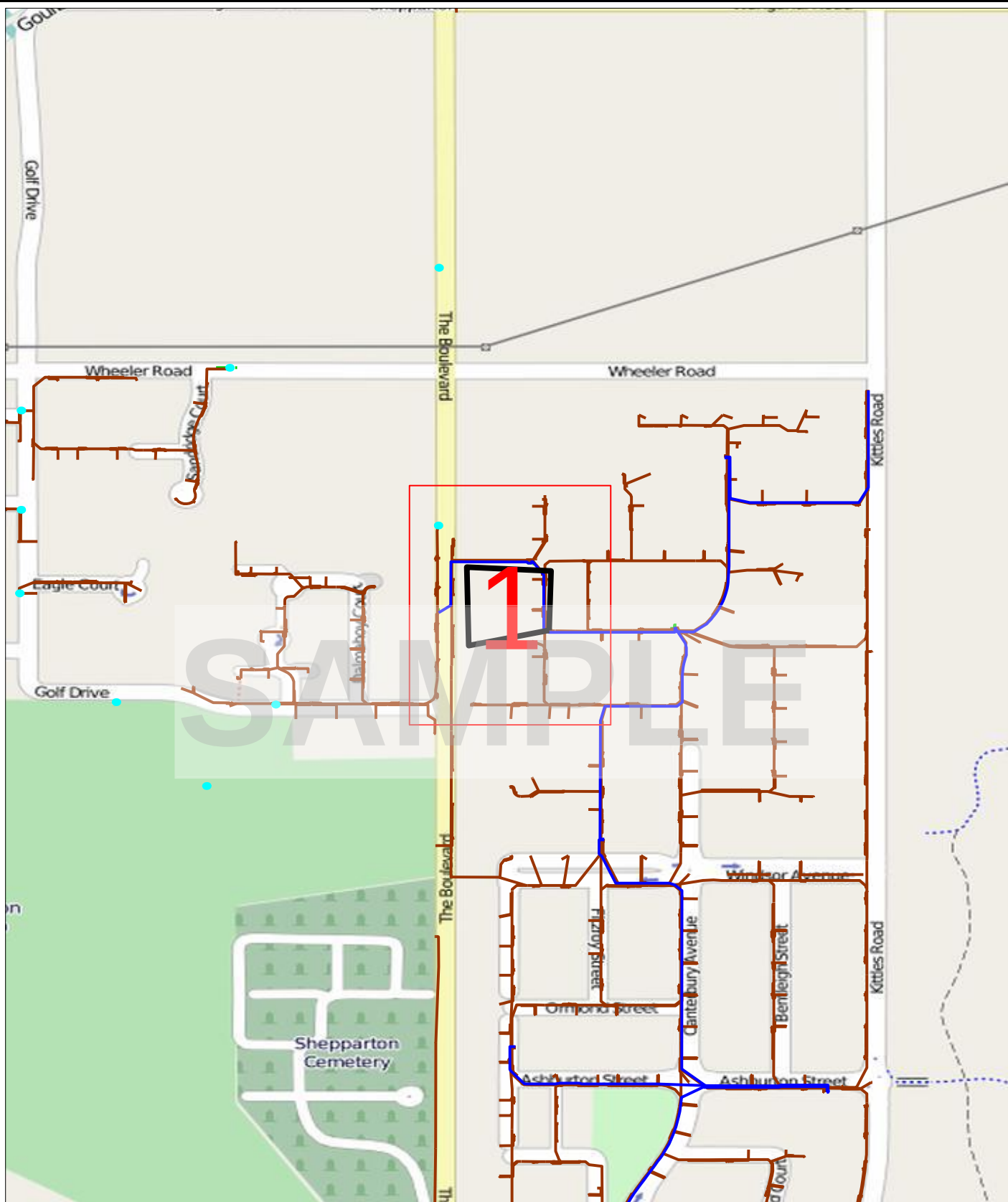
Customer ID	796370		
Contact	Mr Psi Vic		
Company	PSI (Vic) Pty Ltd		
Email	propertyinfo@psivic.com.au		
Phone	0385276300	Mobile	Not Supplied

Enquirer Responsibilities

This notification is valid for 28 days from the issue date. CitiPower/Powercor assets are critical infrastructure and great care must be taken to avoid asset damage and risk to public safety. The information supplied in the DBYD Response is intended to be indicative only. External parties should make their own enquiries to ensure the accuracy of the information, including but not limited to:

- Check that the location of the dig site indicated is correct, if not you must submit a new enquiry.
- Should your scope of works change or the plan validity dates expire, you must submit a new enquiry.
- If you do not understand the plans provided please contact CitiPower/Powercor prior to works commencing.
- Always perform an onsite inspection to establish the presence of assets.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.

Report any asset damage immediately on 132 206. Note: CitiPower/Powercor reserves the right to recover compensation for damages.

MAP IS A GUIDE ONLY- REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS**LEGEND:**

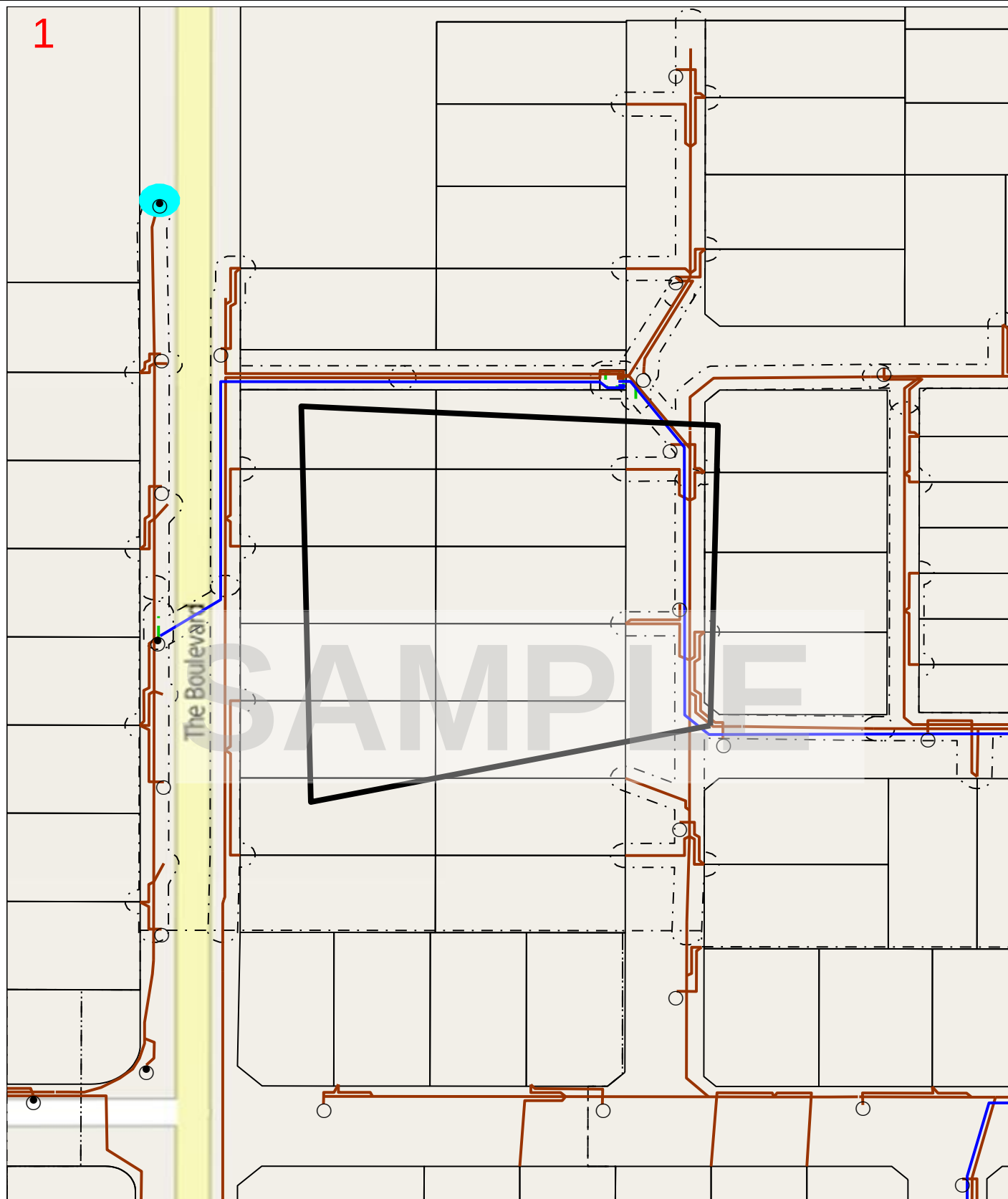
DBYD Work Area	SWER Substation	High Voltage Cable	Communication Cable
Zone Substation	Distribution Substation	Low Voltage Cable	Earth Cable

This map represents the location of the submitted DBYD Work Area and all CitiPower/Powercor responses are based on this location. It is the responsibility of the enquirer to ensure the accuracy of the DBYD Work Area.

0 0.06km



Imagery sourced from Open StreetMaps

MAP IS A GUIDE ONLY- REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS**LEGEND:**

DBYD Work Area	SWER Substation	High Voltage Cable	Communication Cable	Pole (Subtransmission)	Pole (LV)
Zone Substation	Distribution Substation	Low Voltage Cable	Earth Cable	Pole (HV)	Property Boundary

This map represents the location of the submitted DBYD Work Area and all CitiPower/Powercor responses are based on this location. It is the responsibility of the enquirer to ensure the accuracy of the DBYD Work Area.

0 0.01km



Imagery sourced from Open StreetMaps

UNDERGROUND ELECTRICITY HAZARD AWARENESS INSTRUCTIONS



For CitiPower & Powercor Dial Before You Dig customers

Always complete a **Dial Before You Dig** request before you proceed with any work plans



If there are Underground Electricity assets identified within your work area please ensure that you carefully evaluate all of the information provided

If any part of your proposed works impacts on the **EXCLUSION ZONES** shown on the next page then before proceeding you must contact CitiPower/Powercor to determine if a **PERMIT TO WORK** is required and to organise a **SITE VISIT**

Site Visit/Permit To Work applications may be lodged at:

<https://www.citipower.com.au/working-with-us/suppliers/online-permit-applications/site-visit/>

If you need assistance to determine if you need a Site Visit please call:



CitiPower on 1300 301 101



Powercor on 132 206

Underground Electricity Asset Location Details Accuracy:

The Underground Electricity asset location details provided with this response are based on the best information available at the time

All reasonable care has been taken to ensure the accuracy of the information provided but complete accuracy cannot be guaranteed

Please be aware that the Underground Electricity Asset depths shown on the attached plans are accurate at the time of recording, however, due to works undertaken over the years by parties other than CitiPower/Powercor the Underground Electricity Asset depths may differ to those shown on the plans

**Contact with Underground Electricity Cables
can cause serious injury or death**

**If you observe any Underground Electricity Assets
that do not appear on the records provided**

Stop Work Immediately

and contact CitiPower/Powercor on the above numbers

UNDERGROUND ELECTRICITY HAZARD AWARENESS INSTRUCTIONS

For CitiPower & Powercor Dial Before You Dig customers



500mm Exclusion Zone

Heavy Machinery & Mechanical Excavation

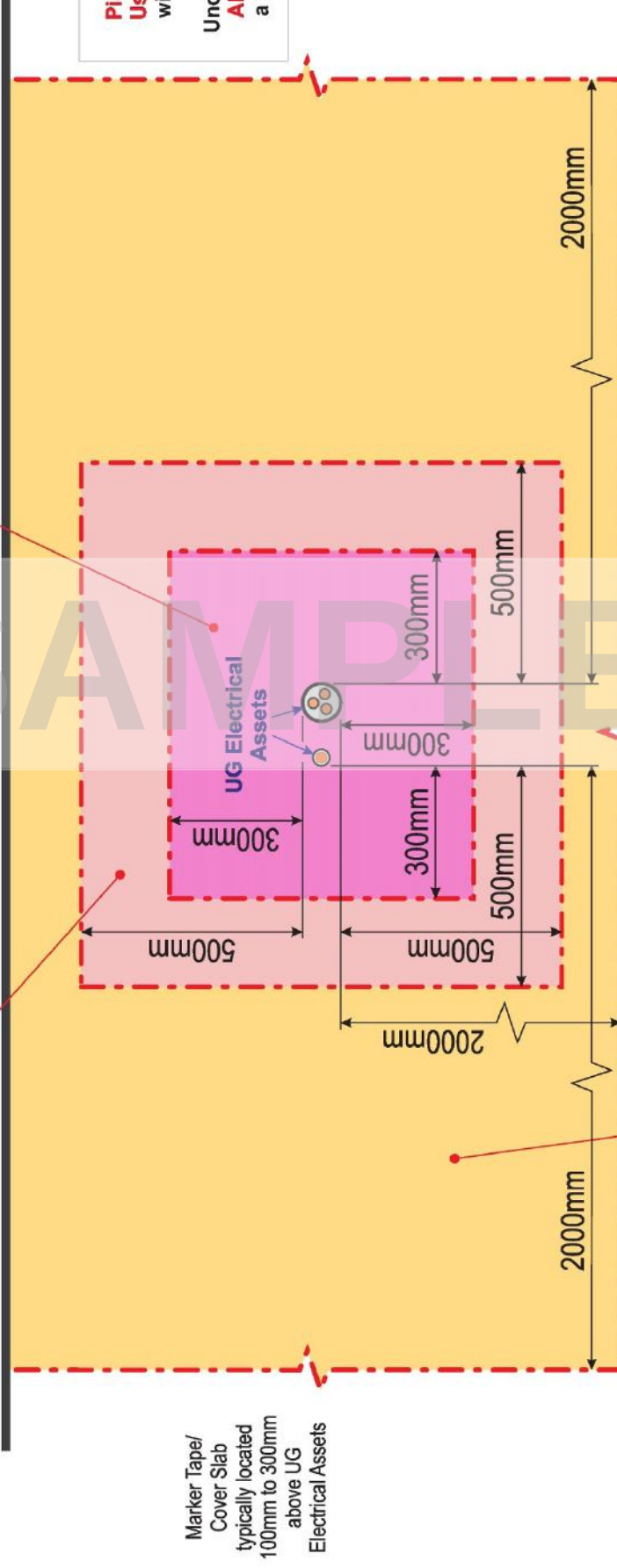
Heavy (Crawler Type) Machinery operation and Mechanical Excavation within a 500mm distance of Underground Electricity Assets requires a Permit to Work

300mm Exclusion Zone

Hand Tools Only

All Excavation within a 300mm distance of Underground Electricity Assets requires a Permit to Work and must only be performed with Hand Tools

Ground Level



Marker Tape/
Cover Slab
typically located
100mm to 300mm
above UG
Electrical Assets

2000mm Exclusion Zone

Works within this area that require a Site Technical Assessment and may require a Permit to Work includes:

Pot Hole Boring Machine (Vertical Boring), Directional Boring Machine,

Excavations Parallel to Underground Electricity Assets, Excavations Across Underground Electricity Assets

For Underground Electricity Asset location purposes:

Careful Excavation by hand may be performed under a Permit to Work above energised Underground Electricity Assets within the Exclusion Zone. Excavation must cease once either Marker Tape, Cover Slab or top of asset is located. All excavation must be performed BY HAND using only non-powered tools. No disturbance of the Marker Tape, the Protective Cover or the Asset is allowed. Any disturbance must be reported immediately to CitiPower/Powercor.

Excavation Below Underground Electricity Assets:

All excavation BELOW Underground Electricity Assets outside of the Exclusion Zone must ensure that there is no disturbance to the asset and that the area is restored to full pre-excavation integrity upon reinstatement.

30, 315 kVA 22kV/430-250V (GL201)

25A BAY-O-NET FUSE

HRC FUSE

DOUBLE SWITCH

SUB ID: 22-48-7338-00

MDI

1250A

(NORMALLY OPEN)

ROTARY SWITCHES (x2)

SW-5177B

SW-8777B

250A

250A

250A

250A

250A

GENERATOR CONNECTION

INBUILT FAULT INDICATOR

400A ELBOW (GB211)

185 3x 22 HV CABLE TO HV CHP 42 (LUS-15472) RUDD RD

185 3x 22 HV CABLE TO "GLENERRIE-CANTERBURY" K/S

LV CCT No 1 - RUDD RD (SOUTH)

LV CCT No 2 - RUDD RD (NORTH)

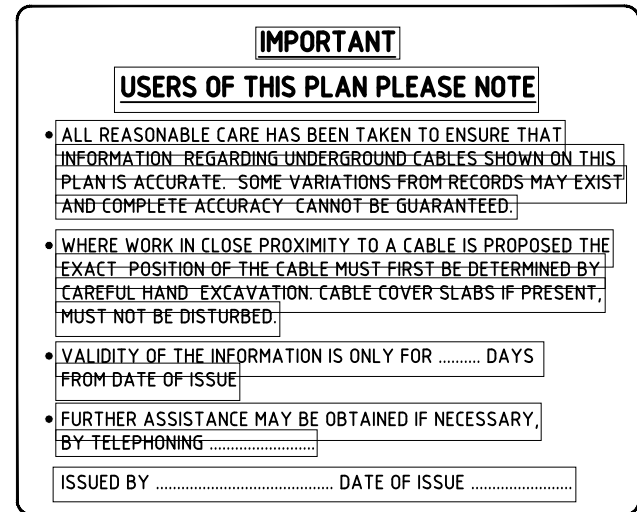
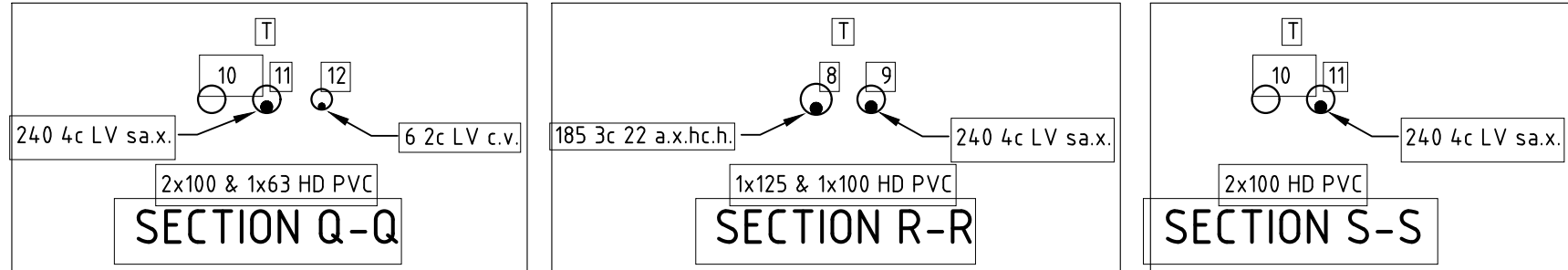
LV CCT No 3 - ASPENDALE CRES (SOUTH) & WANTIRNA ST

LV CCT No 4 - ASPENDALE CRES (NORTH)

LV CCT No 5 - SPARE

SUBSTATION CONNECTION DIAGRAM

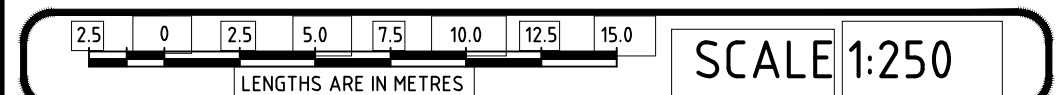
"ASPENDALE-BEAUMARIS" K/S



LOCALITY PLAN

NOT TO SCALE

VICROADS MAP REFERENCE: 672 J4

[illegible]A1

662x554

CABLE SCHEDULE	
LOCATION	DETAILS
22kV CABLE	
FROM "ASPENDALE-BEAUMARIS" K/S (B) (PCAS/006006/3) TO "GLENFERRIE-CANTERBURY" K/S (C) (PCAS/005041/3)	185 3c 22 a.x.h.c.h.
LV MAINS CABLE	
FROM LV SJ (H) TO LV P/P (N) (PCAS/006006/3)	240 4c LV sa.x.
FROM LV MTJ (J) TO LV P/P (K)	240 4c LV sa.x.
FROM LV P/P (K) TO LV SJ (L)	240 4c LV sa.x.
FROM LV SJ (N) TO LV MTJ (L) (PCAS/004592/1)	240 4c LV sa.x.
SERVICE CABLE	16 4c LV c.x.
PL CABLE	6 2c LV c.v.

FOR CONTINUATION
REFER TO PCA5/006006/3

ASPENDALE

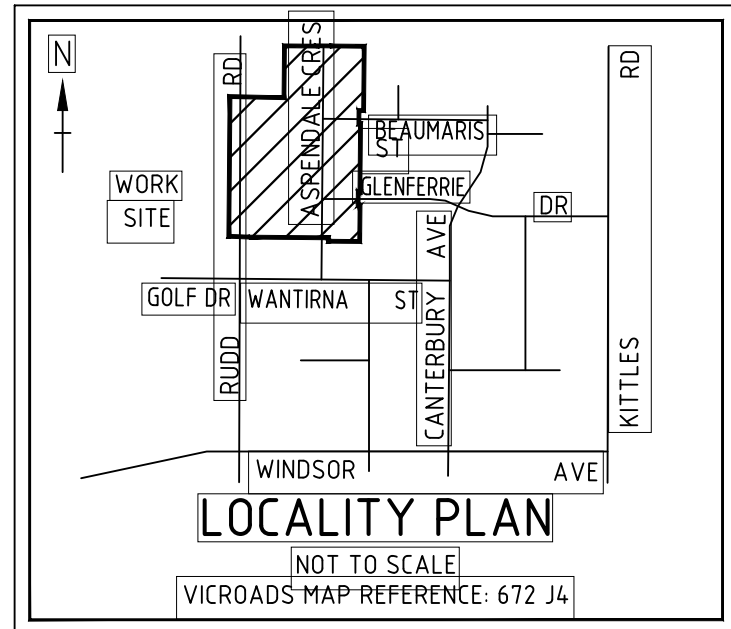
CRESCENT

GLENFERRIE DRIVE

FOR CONTINUATION
REFER TO PCA5/005314/1

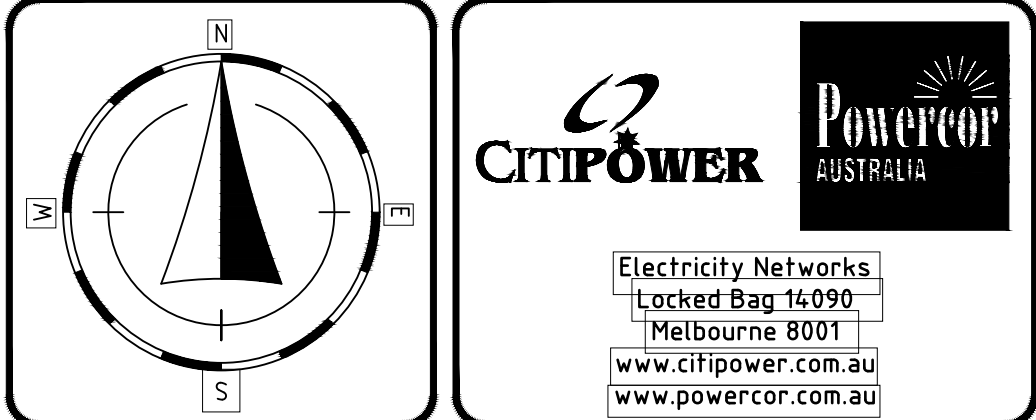
IMPORTANT
USERS OF THIS PLAN PLEASE NOTE
• ALL REASONABLE CARE HAS BEEN TAKEN TO ENSURE THAT INFORMATION REGARDING UNDERGROUND CABLES SHOWN ON THIS PLAN IS ACCURATE. SOME VARIATIONS FROM RECORDS MAY EXIST AND COMPLETE ACCURACY CANNOT BE GUARANTEED.
• WHERE WORK IN CLOSE PROXIMITY TO A CABLE IS PROPOSED THE EXACT POSITION OF THE CABLE MUST FIRST BE DETERMINED BY CAREFUL HAND EXCAVATION. CABLE COVER SLABS IF PRESENT, MUST NOT BE DISTURBED.
• VALIDITY OF THE INFORMATION IS ONLY FOR DAYS FROM DATE OF ISSUE.
• FURTHER ASSISTANCE MAY BE OBTAINED IF NECESSARY, BY TELEPHONING
ISSUED BY DATE OF ISSUE

LEGEND	
----- HV UG CABLE	CONDUIT - OCCUPIED
----- LV MAINS UG CABLE	CONDUIT - SPARE
----- LV UG SERVICE CABLE	SERVICE PIT (TYPICAL)
----- PUBLIC LIGHTING UG CABLE	SERVICE PIT (GAT/C)
----- SUPERVISORY UG CABLE	PILLAR (SERVICE)
----- OPTIC FIBRE UG CABLE	PILLAR (PARALLELING)
----- EARTH UG CABLE	POLE NUMBER
----- STRAIGHT JOINT (SJ)	SUB TRANSMISSION POLE
----- TEE JOINT (TJ)	HV POLE
----- INSULATED END (IE)	LV POLE (GENERAL)
----- SEALED END (SE)	CABLE HEAD POLE (CHP) - HV CABLE TERMINATION
----- CUT END (CE)	LV CABLE TERMINATION
----- BUILDING LINE (BL)	PL COLUMN & LANTERN (GENERAL)
----- BACK OF KERB LINE (BOK)	DEPTH TO TOP OF ENUG ASSET
----- FACE OF KERB (FOK)	DEPTH TO TOP OF OTHER SERVICE
----- CONDUIT	
----- PIPE (OTHER SERVICE)	
609/Lot 609 PROPERTY/LOT NUMBER	



ABBREVIATIONS	
(A) ABANDONED	IP INTERSECTION POINT
AC ASBESTOS CEMENT	LV LOW VOLTAGE
(C/A) CUT & ABANDONED	OOS OUT OF SERVICE
CHP CABLE HEAD POLE	PE POLYETHYLENE
CI CAST IRON	PL PUBLIC LIGHTING
CL CENTRE LINE	POE POINT OF ENTRY
EOC END OF CONDUIT	PROJ PROJECTION
DE DUCT END (OLD FORM)	PVC POLYVINYL CHLORIDE
EW EARTHENWARE	ROW RIGHT OF WAY
FC FIBRO CEMENT	SCF SERVICE CONNECTION FACILITY
GI GALVANISED IRON	SERV SERVICE
HV HIGH VOLTAGE	SP SPARE
	S/S SUBSTATION
	SUPV SUPERVISORY
	T TOP OF CROSS SECTION
	TP TURNING POINT
	TRM TRAMWAY POLE
	UG UNDERGROUND

REFERENCES	
PROJECT NUMBER	5094116
ROAD DIRECTORY	VICROADS 672 J4
GIS SYSTEM PLAN	MAP 124-1A1
UG CONSTRUCTION PLAN	PCAA40/5094116/1
FEEDER/SWITCHING ZONE	SHN021/SW2-4884161

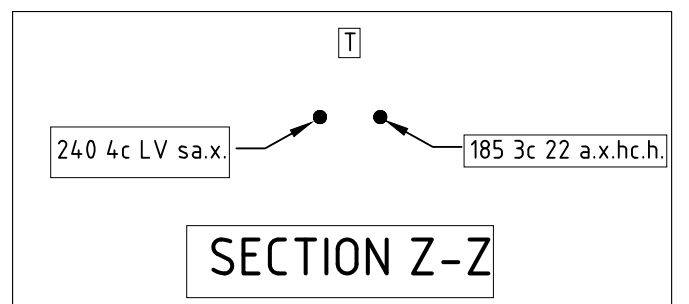
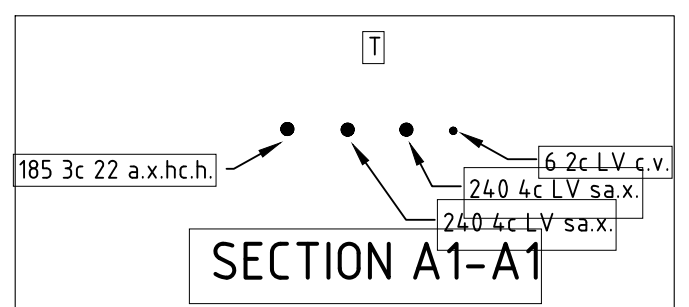
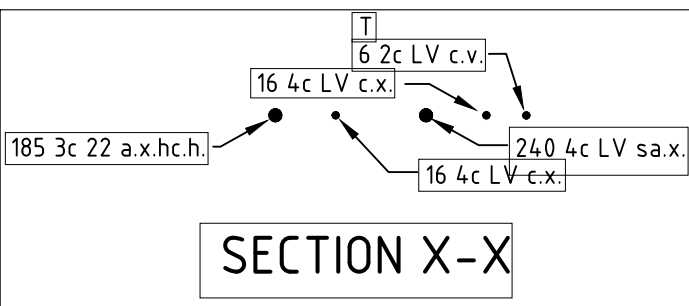
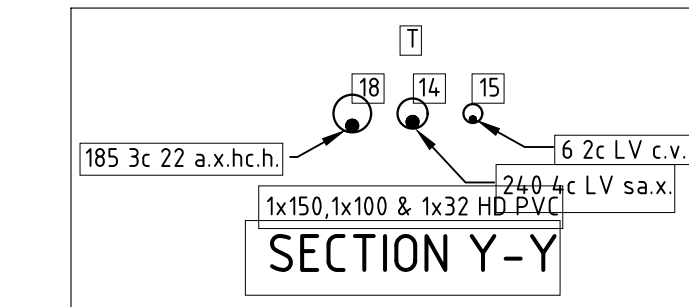


SCALE 1:250
LENGTHS ARE IN METRES

REVISION	
REVISION	
DRAWING NUMBER	PCA5 006006 5 SHEET 5 OF 5
APPENDALE CR, GLENFERRIE DR SHEPPARTON UG CABLE LOCATION PLAN	
DRAWN	CHECKED
V. GOVARDHAN 18/09/15	P. RAO 18/09/15
CP/PCA APPROVED	
TURANDHAR 18/09/15	

PUBLIC LIGHTING SCHEDULE	
FOR PL POLE Nos:	PL1 - PL8
LANTERN:	NON STANDARD
WATTAGE & TYPE	18w LED
MANUFACTURE	SYLVANIA
MODEL & CAT No	StreetLED
MOUNTING HEIGHT	5.5
COLOR	GLOSS BLACK
POLE:	NON STANDARD
MANUFACTURER	SAFEROADS
MODEL & CAT No	URO STANDARD
LENGTH & STRENGTH	6.9/11N
COLOR	GLOSS BLACK
BRACKET:	NON STANDARD
MANUFACTURER	SAFEROADS
TYPE	PART OF POLE
LENGTH	
COLOR	GLOSS BLACK
COUNCIL:	GREATER SHEPPARTON

FOR CONTINUATION
REFER TO PCA5/004592/1



DUTY OF CARE

TELSTRA CORPORATON ACN 051 775 556

IMPORTANT:

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

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 should not be attempting these activities. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

The 4 essential steps that must be undertaken to prevent damage to Telstra assets are listed below. Construction activities must not commence without first undertaking these steps.

(The following pages contain more detail on each step below and the contact details to seek further advice. AS5488-2013 is the Australian Standard for the Classification of Subsurface Utility Information.)

1 Dial Before You Dig -Telstra Plans :

- The essential **first** step in preventing damage.

You must have current Telstra plans via the DBYD process. Telstra advises that the accuracy of the information provided by Telstra conforms to Quality Level D as defined in AS5488-2013. This means the information is indicative only, not a precise location. **The actual location may differ substantially from that shown on the plans** - refer to steps 2 & 3 to determine actual location prior to commencing construction.

2 Telstra Accredited Plant Locator :

- The essential **second** step in preventing damage.

To be able to trace and identify individual subsurface cables and ducts requires access to Telstra pits and manholes. Only a Telstra Accredited Plant Locator (TAPL) is authorised to access Telstra network for locating purposes. A TAPL can interpret plans, validate visible assets and access pits and manholes to undertake electronic detection of underground assets prior to further validation. All Telstra assets must be located, validated and protected prior to commencing construction. If you are not authorised to do so by Telstra, you should not be accessing Telstra network or locating Telstra network.

3 Validation :

- The essential **third** step in preventing damage.

All Telstra assets must be positively identified (i.e. validated), by physically sighting them. For underground assets this can be done by potholing by hand or using non-destructive vacuum extraction methods (Refer to 'validation' as defined in AS5488-2013 QL-A). **Underground assets located by electronic detection alone (step 2), are not deemed to be 'validated' and should not be used for construction purposes.** Some TAPL's can assist with non-destructive potholing for validation purposes. **If you cannot validate the Telstra network you should not proceed with construction.** Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

4 Protection :

- The essential **fourth** step in preventing damage.

Telstra assets must be protected to avoid damage from construction activities. Minimum working distances around Telstra network must be maintained. These distances are provided in this document. Telstra can also provide advice and assistance in regards to protection – refer to the following pages.

STEP 1 – Dial Before You Dig -Telstra Plans:

The actual location of Telstra assets may differ substantially from that shown on the plans. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for the accuracy shown on the plans. Steps 2 and 3 must be undertaken to determine actual location of network.

- Telstra DBYD plans are not suitable for displaying Telstra network within a Telstra exchange site. For advice on Telstra network within a Telstra exchange site contact Telstra Plan Services.
- 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 Telstra Accredited Plant Locators. The applicant may not give the plans or details to any parties other than these, and may not generate profit from commercialising the plans or details.
- Please contact Telstra Plan Services immediately should you locate Telstra assets not indicated on these plans.
- 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 remains on-site at all times throughout the inspection, location and construction phase of any works.
- Telstra plans are valid for 60 days after issue and should be replaced if required after the 60 days.
- **Emergency situations - receiving Telstra plans** Telstra's automated mapping system (TAMS) will provide a fast response for emergency situations (faster than an operator can provide manually via a phone call - see below for fast response requirements). Automated responses are normally available 24/7.

To receive a fast automated response from Telstra your request must -

- Be a web request lodged at DBYD (www.1100.com.au). The request will be then forwarded to Telstra.
- Contain your current email address so you can receive the automated email response.
- Be for the purposes of 'mechanical excavation' or other ground breaking DBYD activity. (Requests with activity types such as conveyancing, planning & design or other non-digging activities may not be responded to until the next business day).
- Be for an area less than 350 metres in size to obtain a PDF map (over 350 metres will default to DWF due to size) this does not include congested CBD areas where only DWF may be supplied.
- Be for an area less than 2500 metres in size to obtain a DWF map (CBD's less)
- **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 or requests to be supplied in non-standard formats. For further details contact Telstra Plan Services.
- **Electronic plans - PDF and DWF maps** If you have received Telstra maps via email you will have received the maps as either a PDF file (for smaller areas) or DWF file (for larger area requests). All requests over approximately *350m or in congested CBD areas can only be supplied in DWF format. There are size limits on what can be provided. (* actual size depends on geographic location of requested area). If you are unable to launch any one of the softcopy files for viewing and printing, you may need to download and install one or more of the free viewing and printing products such as Adobe Acrobat Reader (for PDF files) or Autodesk Design Review (for DWF files) available from the internet
 - **Pdf files** - PDF is the default softcopy format for all requests for areas up to approx *350m in length. (*depends on geographic location of request). The PDF file is nominally formatted to A3 portrait sheet however it can be printed on any size sheet that your printer supports, e.g. either as the full sheet or selected areas to suit needs and legibility. (to print a selected area zoom up and print 'current view') If there are multiple layers of Telstra network you may receive up to 2 sheets in the single PDF file attachment supplied. There are three types or layers of network normally recorded - local network, mains cables or a combined layer of local and mains (usually displayed for rural or semi-rural areas). If mains cable network is present in addition to local cables (i.e. as separate layer in a particular area), the mains will be shown on a separate sheet. The mains cable information should be read in conjunction with the local cable information.
 - **DWF files** – DWF is the default softcopy format for all requests for areas that are over 350m in length. Maximum length for a DWF automated response is approx 2500m - depending on geographic

location of request (manually-processed plans may provide larger coverage). The DWF files differ from PDF in that DWF are vector files made up of layers that can be turned on or off and are not formatted to a specific sheet size. This makes them ideal for larger areas and for transmitting electronically.

- **How to view Telstra DWF files –**

Telstra DWF files come with all layers turned on. You may need to turn individual layers on or off for viewing and printing clarity. Individual layer names are CC (main cable/conduit), DA (distribution area network) and sometimes a combined layer - CAC. Layer details can be viewed by either picking off the side menu or by selecting 'window' then 'layers' off the top menu bar. Use 'layers' to turn individual layers off or on (double click or right click on layer icon).

- **How to print Telstra DWF files –**

DWF files can be printed on any size sheet – either their entirety or by selected areas of interest. Some DWF coverage areas are large and are not suited to printing legibly on a single A4 sheet - you may need several prints if you only have an A4 printer. Alternatively, an A3, A1 or larger printer could be used. To print, zoom in or out and then, by changing the 'print range' settings, you can print what is displayed on your screen to suit your paper size. If you only have a small printer, e.g. A4, you may need to zoom until the text is legible for printing (which is why you may need several prints). To print what is displayed on your screen the 'view' setting should be changed from 'full page' to 'current view'. The 'current sheet' setting should also be selected. You may need to print layers separately for clarity and legibility. (Details above on how to turn layers on or off)

- **How to change the background colour from white to black (when viewing) Telstra DWF files –**

If using Autodesk Design Review the background colour can be changed by selecting 'Tools' then 'options' then 'sheet'. Tick the box 'override published paper colours' and select the colour required using the tab provided.

STEP 2 - Telstra Accredited Plant Locator (TAPL):

Utilising a TAPL is an essential part of the process to identify network and to trace subsurface network prior to validating. A TAPL can provide plan interpretation, identification and electronic detection. This will assist in determining the position of subsurface assets prior to potholing (validating). Some TAPL's can also assist in validating underground detected network. Electronic detection is only an indication of the existence of underground network and can be subject to interference from other services and local conditions. Electronic detection should not be used solely to determine location for construction purposes. The electronic (indicative) subsurface measurements must be proven by physically sighting the asset (see step 3 - Validation).

- All TAPL's locating Telstra network must be able to produce a current photo ID card issued by Telstra. A list of TAPL's is provided with the Telstra Dial Before You Dig plans.
- Telstra does not permit external parties (non-Telstra) to access or conduct work on our network. Only Telstra staff, Telstra contractors or locators whom are correctly accredited are authorised to work on or access our manholes, pits, ducts, cables etc. This is for safety as well as for legal reasons.

It is a criminal offence under the *Criminal Code Act 1995 (Cth)* to tamper or interfere with communication facilities owned by a carrier. Heavy penalties may apply for breach of this prohibition, and any damages suffered, or costs incurred by Telstra as a result of any such unauthorised works may be claimed against you.

- Optic fibre cable locations must be performed by a locator with Telstra optic fibre cable location accreditation. The locators with optic fibre cable location accreditation are indicated by a 'yes' in the column headed 'Fibre' in the lists of locators that are published with the Telstra DBYD plans. Telstra Accredited Plant Locators that are DBYD Certified Locators are also fibre accredited. Inspection of photo ID cards will confirm whether locators are just copper accredited or copper + fibre accredited.
- The details of any contract, agreement or retainer for site assistance to locate telecommunications plant shall be for you to decide and agree with the Telstra Accredited Plant Locator engaged. Telstra is not a party to any contract entered into between you and a Telstra Accredited Plant Locator.
- Payment for the site assistance will be your responsibility and payment details should be agreed before the engagement is confirmed.

- Telstra does not accept any liability or responsibility for the performance of or advice given by a Telstra Accredited Plant Locator. Accreditation 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 Telstra Accredited Plant Locator nor any of its employees are an employee or agent for Telstra. Telstra is not liable for any damage or loss caused by the Telstra Accredited Plant Locator or its employees.

• **Electronically derived subsurface measurements (e.g. depths/alignments by locating devices)**

All locator provided measurements for Telstra assets must have the AS5488-2013 quality level specified - (e.g. QL-A, B, C or D). These quality levels define the accuracy of subsurface information and are critical for determining how the information is later used – for example if suitable for excavation purposes.

1) An example of a subsurface measurement with no quality level specified – (i.e. not to be used)

Telstra cover - **0.9m**

*The measurement above has no AS5488-2013 quality level specified and **should not** be provided by a locator or used for design or construction. This is because it is not known whether the measurement is actual or derived (where 'actual' means validated and 'derived' means assumed and not validated, e.g. electronic or other). Typically damages occur by constructors incorrectly using unvalidated measurements as actual measurements.*

2) An example of a subsurface measurement with quality level B specified –

Telstra cover - **0.9m (QL-B)**

Where (QL-B) complies with AS5488-2013 QL-B (for example an electronic location that complies with QL-B)

(Note QL-B means it has not been validated and should not be used for construction purposes around Telstra network, however it would assist further investigation to determine the actual location)

3) An example of a subsurface measurement with the quality level A specified –

Telstra cover - **0.6m (QL-A)**

Where (QL-A) complies with AS5488-2013 QL-A (and is deemed suitable for excavation purposes). In this example the asset has been electronically located first, (QL-B) and then physically exposed (QL-A).

Note -Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers if unvalidated subsurface measurements are used for construction and subsequently result in damage to Telstra assets. Only measurements conforming to AS5488-2013 (QL-A) are deemed by Telstra to be validated measurements.

- **Rural landowners** Where Telstra-owned cable crosses agricultural land, Telstra may provide on-site assistance with cable location. **You must contact Telstra Plan Services to determine eligibility and to request the service.**

Please note the following –

- If eligible, the location assistance must be approved and organised by Telstra. Telstra will not pay for a location that has not been approved and facilitated by Telstra (Telstra is not responsible for payment assistance when a customer engages a locator directly).
- The exact location, including depth of cables, must be validated by potholing, which may not be covered by this service.
- This service is nominally only available to assist private rural land owners.
- This service nominally covers one hour on-site only. Any time required in addition to Telstra-funded time can be purchased directly from the assigned Telstra Accredited Plant Locator.
- This service does not apply to previously located network at the same location (i.e. it is a once off).
- This service does not apply to other carriers' cables (marked as 'OC' on Telstra plans).

STEP 3 – *Validation:

After utilising a Telstra Accredited Plant Locator and prior to commencing construction, any electronically detected underground network must be positively identified (validated) by physically sighting it. This can be done by careful hand digging or using non-destructive water jet methods to expose the network.

*Validation as defined in AS5488-2013 (QL-A).

Manual potholing needs to be undertaken with extreme care and by employing techniques least likely to damage cables. For example, align shovel blades and trowels parallel to the cable rather than digging across the cable. Some Telstra Accredited Plant Locators are able to provide or assist with non-destructive potholing methods to enable validation of underground cables and ducts.

If you cannot validate the underground network then you should not proceed with construction. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

Important note: The construction of Telstra's network dates back over many years. Some of Telstra's pits and ducts were manufactured from asbestos-containing cement. You must take care in conducting any works in the vicinity of Telstra's pits and ducts. You must refrain from in any way disturbing or damaging Telstra's network infrastructure when conducting your works. We recommend that before you conduct any works in the vicinity of Telstra infrastructure that you ensure your processes and procedures eliminate any possibility of disturbing, damaging or interfering in any way with Telstra's infrastructure. Your processes and procedures should incorporate appropriate measures having regard to the nature of this risk. For further information -

<http://ucm.in.telstra.com.au/about/media/emergencies-incidents/asbestos/index.htm?ssSourceSiteId=consumer-advice>

STEP 4 – Protection:

You must maintain the following minimum clearance distances between construction activity and the validated position of Telstra plant.

Jackhammers/Pneumatic Breakers	<i>Not within 1.0m of actual validated location.</i>
Vibrating Plate or Wacker Packer Compactor	<i>Not within 0.5m of actual validated location of Telstra ducts. 300mm compact clearance cover before compactor can be used across Telstra ducts.</i>
Boring Equipment (in-line, horizontal and vertical)	<i>Not within 2.0m of actual validated location. Constructor to hand dig or use non-destructive water jet method (pothole) and expose plant.</i>
Heavy Vehicle Traffic (over 3 tonnes)	<i>Not to be driven across Telstra ducts (or plant) with less than 600mm cover. Constructor to check actual depth via hand digging.</i>
Mechanical Excavators, Farm ploughing and Tree Removal	<i>Not within 1.0m of actual validated location. Constructor to hand dig or use non-destructive water jet method (pot-hole) and expose plant.</i>

- For blasting or controlled fire burning please contact Telstra Plan Services for advice.
- If conducting roadworks all existing Telstra pits and manholes should be a minimum of 1.2m in from the back of kerb after the completion of your work.
- All Telstra conduit should have the following minimum depth of cover after the completion of ground work:-
 - **Footway 450mm**

- **Roadway 450mm at drain invert and 600mm at road centre crown**

- For clearance distances relating to Telstra pillars, cabinets and RIMs/RCMs please contact Telstra Plan Services.
- If Telstra plant is situated wholly or partly where you plan to work (i.e. in conflict), then Telstra's Network Integrity Group must be contacted to discuss possible engineering solutions. Please phone **1800 810 443** or email NetworkIntegrity@team.telstra.com
- You are not permitted to relocate or alter or repair any Telstra assets or network under any circumstances.

It is a criminal offence under the *Criminal Code Act 1995* (Cth) to tamper or interfere with communication facilities owned by a carrier. Heavy penalties may apply for breach of this prohibition, and any damages suffered, or costs incurred by Telstra as a result of any such unauthorised works may be claimed against you.

Only Telstra and its contractors may access and conduct works on Telstra's network (including its plant and assets). This requirement is to ensure that Telstra can protect the integrity of its network, avoid disruption to services and ensure that the relocation meets Telstra's requirements.

- If Telstra relocation or protection works are part of the agreed solution, then payment to Telstra for the cost of this work shall be the responsibility of the principal developer, constructor or person for whom the work is performed. The principal developer or constructor will be required to provide Telstra with the details of their proposed work showing how Telstra's plant is to be accommodated and these details must be approved by the Regional Network Integrity Manager prior to the commencement of site works. Please phone 1800 810 443 or email NetworkIntegrity@team.telstra.com
Further information - <https://www.telstra.com.au/consumer-advice/digging-construction/relocating-network-assets>

Damage to Telstra's network must be reported immediately -
<https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment>

- You will be held responsible for all plant damage that occurs or any impacts to Telstra's network as a result of your construction activities. This includes interfering with plant, conducting unauthorised modification works and interfering with Telstra's assets in a way that prevents Telstra from accessing or using its assets in the future.
- Telstra reserves all rights to recover compensation for loss or damage to its cable network or other property including consequential losses.

FURTHER INFORMATION:

NATURAL DISASTERS

Natural Disasters include (amongst other things) earthquakes, cyclones, floods and tsunamis. In the case of such events, urgent requests for plans or information relating to the location of Telstra network can be made directly to Telstra Network Integrity Team Managers as follows:

NSW – John McInerney 0419 485 795

QLD – Glenn Swift 0419 660 147

VIC/TAS - David Povazan 0417 300 947

SA/NT - Mick Weaver 0419 828 703

WA - Angus Beresford-Peirse 0419 123 589

TELSTRA PLAN SERVICES - for all Telstra Dial Before You Dig related enquiries

Email - Telstra.Plans@team.telstra.com

Phone - 1800 653 935 (general enquiries, business hours only)

*Telstra DBYD plan information - Shalin 07 3455 2997
Anthony 07 3455 2365

Advice on preventing damage - Glen 07 3455 1011
Lachlan 07 3455 3132

Accredited plant locator enquiries - Mike 0477 377 036
Taylor 0477 365 666

Road closures - Megan 07 3455 0834
Lachlan 07 3455 3132

Telstra easements - Glen 07 3455 1011

**Please note - to make a Telstra plan enquiry the plans must be current (within 60 days of issue). If your plans have expired you will need to submit a new request via DBYD prior to contacting Telstra Plan Services.*

Information for new developments (developers, builders, home owners)
Telstra Smart Communities - <https://www.telstra.com.au/smart-community>

Asset relocations

Please phone 1800 810 443 or email NetworkIntegrity@team.telstra.com

<https://www.telstra.com.au/consumer-advice/digging-construction/relocating-network-assets>

Telstra offers free Cable Awareness Presentations, if you believe you or your company would benefit from this offer please contact Network Integrity on 1800 810 443 or NetworkIntegrity@team.telstra.com

PRIVACY NOTE

Your information has been provided to Telstra by DBYD to enable Telstra to respond to your DBYD request. Telstra keeps your information in accordance with its privacy statement entitled "Protecting Your Privacy" which can be obtained from Telstra either by calling 1800 039 059 or visiting our website at www.telstra.com.au/privacy

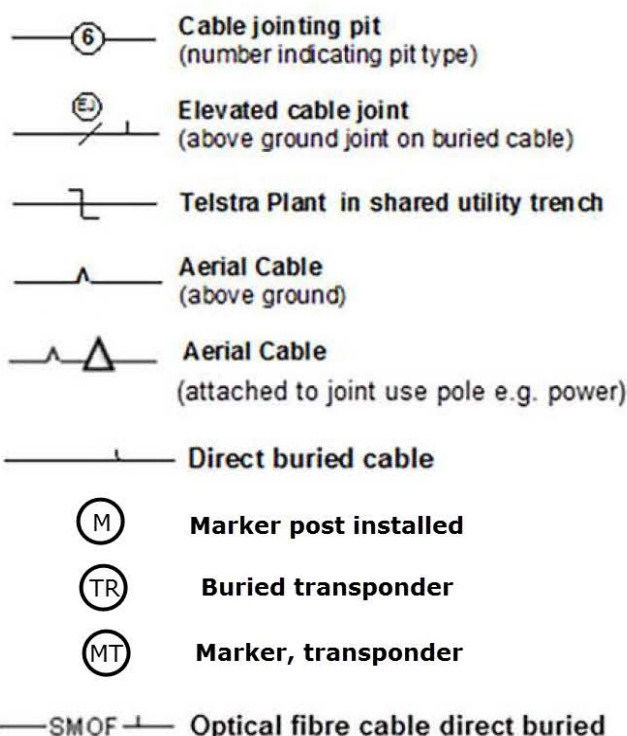
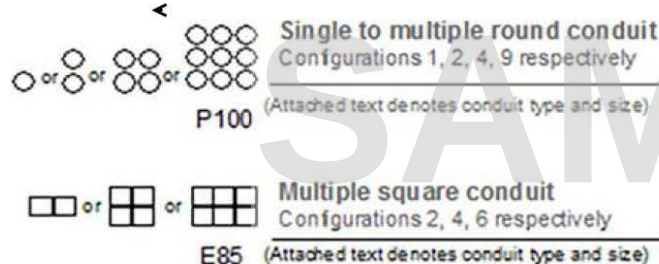
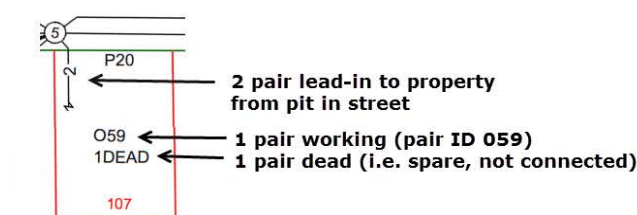
LEGEND

For more info contact a Telstra Accredited Locator or Telstra Plan Services 1800 653 935

IT'S HOW
WE CONNECT



OC other carrier



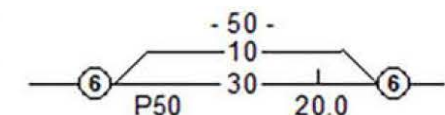
Some examples of conduit type and size:

A - Asbestos cement, P - PVC / plastic, C - Concrete, G - Galvanised iron, E - Earthenware.

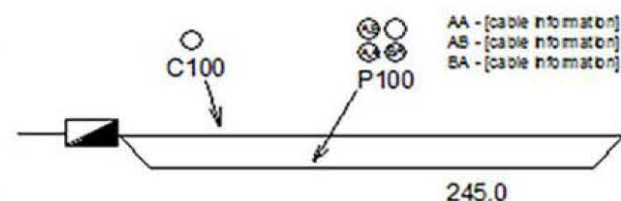
Conduit sizes *nominally* range from 20mm to 100mm.

P50	50mm PVC conduit
P100	100mm PVC conduit
A100	100mm asbestos cement conduit
E 85	85mm square earthenware conduit

Some examples of how to read Telstra plans:

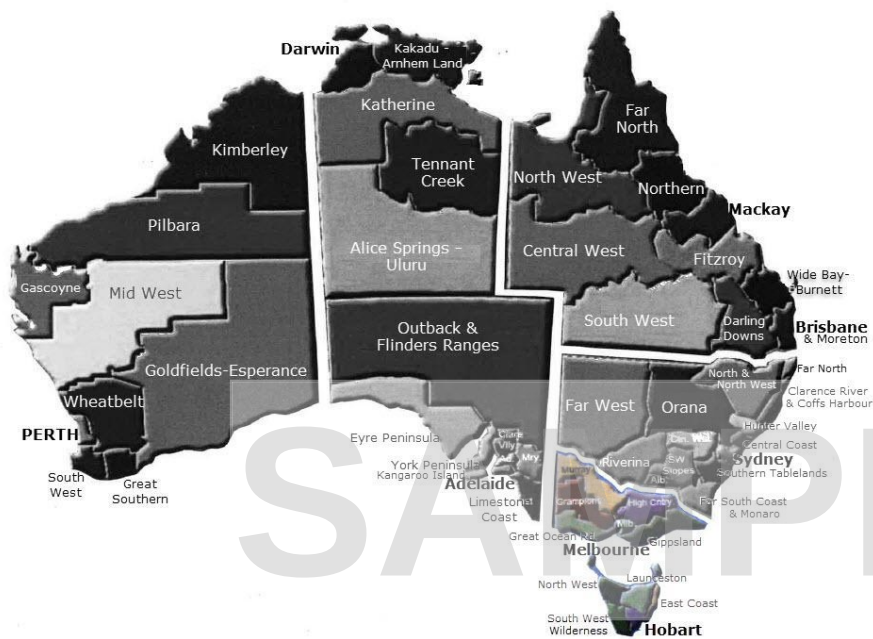


One 50mm PVC conduit (P50) containing a 50-pair and a 10-pair cable between two 6-pits, 20.0m apart, with a direct buried 30-pair cable along the same route.



Two separate conduit runs between two footway access chambers (manholes) 245m apart. A nest of four 100mm PVC conduits (P100) containing assorted cables in three ducts (one being empty) and one empty 100mm concrete duct (C100) along the same route.

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 asset is protected during construction works. The exact position of Telstra assets can only be validated by physically exposing it. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.



TELSTRA ACCREDITED PLANT LOCATORS – VICTORIA & TASMANIA.

Region VIC & TAS

Telstra plans are intended to be indicative only. A plant location service (Telstra accredited) is required to identify the exact location of the plant and ensure that the asset is protected during construction work. It is your responsibility as part of your “Duty of Care” to engage an Accredited Plant Locator.

*Optic fibre cable locations must be performed by a locator with Telstra optic fibre location accreditation.

Locators with Telstra optic fibre cable location accreditation are indicated by either a ‘yes’ in the ‘Fibre’ column or the DBYD Certified Locator Symbol.



Please contact a Telstra accredited locator from the pages following (fees apply).

Telstra Accredited Plant Locators – Victoria & Tasmania

VICTORIA

Company Name & service areas	*Fibre	Contact	
Able Pipe, Cable & Leak Location Service Melbourne Metro and all of Victoria.	NO	0418 318 186 paul.murray6@bigpond.com	Phone Mobile Fax Email Web
Absolute Locating Melbourne Metro, Greater Melbourne and all Regional Areas.		0419 222 999 david@undergroundservice locating.com.au http://www.undergroundservice locating.com.au/	Phone Mobile Fax Email Web
Accredited Pipe & Cable Locators Pakenham, SE Melbourne, Gippsland and all of Victoria	YES	03 5941 4299 0418 368 591 office@weightmanplumbing.com.au	Phone Mobile Fax Email Web
Accurate Locating Pipes & Cables Adelaide, Adelaide Hills, Barossa Valley and all regions of SA. Western & North Western Victoria. South West NSW. Southern N.T.	YES	0407 464 882 08 8524 4945 precisedetection@yahoo.com	Phone Mobile Fax Email Web
Advanced Locations Victoria Pty Ltd Morwell, Latrobe Valley, Gippsland and surrounding districts. SE suburbs of Melbourne.		0427 846 716 josh@advancedlocationsvic.com.au	Phone Mobile Fax Email Web
All About Pipes All of Victoria	YES	1300 634 200 0408 790 010 02 9606 2325 work@allaboutpipes.com.au www.allaboutpipes.com.au	Phone Mobile Fax Email Web
All Areas Asset Locating (Scantek Group Pty Ltd) Melbourne Metro, Greater Melbourne and all regional areas	NO	0409 234 121 Scantek1100@bigpond.com	Phone Mobile Fax Email Web
Asset Detection Services Pty Ltd All of VIC		0413 949 400 03 9391 6204 info@assetdetection.com.au	Phone Mobile Fax Email Web
Bendigo District Cable & Pipe Locations Bendigo district and surrounding areas		03 5447 1148 0413 035 386 bdcpl1@bigpond.com	Phone Mobile Fax Email Web
Billy Charnock Electrical Swan Hill and Surrounding Districts	YES	03 5032 1866 03 5033 1866 admin@charnock.net.au www.billycharnockelectrical.com.au	Phone Mobile Fax Email Web
C & L Cable Locators Bendigo and surrounding areas		0407 393 405 info@cablelocators.com.au	Phone Mobile Fax Email Web
Capogreco Excavations Pty Ltd Mildura, Wentworth, Gol Gol, Dareton, Ouyen, Robinvale, Merbein	YES	03 5022 2070 0428 356 269 03 5022 7003 info@capoex.com.au www.capoex.com.au	Phone Mobile Fax Email Web

Telstra Accredited Plant Locators – Victoria & Tasmania

Cardno Melbourne, Geelong, Gippsland, Northern & North-East Victoria		1300 224 664 03 9532 2688 cardnoue@cardno.com.au	Phone Mobile Fax Email Web
Carey Civil Contractors Melbourne and surrounding areas	YES	03 5368 0000 0408 579 915 03 5368 9455 matthew@careycivil.com.au	Phone Mobile Fax Email Web
Cavan Constructions Pty Ltd Warrnambool, Ballarat, Hamilton and western suburbs of Melbourne		03 5568 7240 0404 241 679 mick@cavanconstructions.com.au www.cavanconstructions.com.au	Phone Mobile Fax Email Web
CHS Group Australia Western Victoria		0438 824 557 chris.hopper@chsgroup.com.au www.chsgroup.com.au	Phone Mobile Fax Email Web
Clean It Industrial Service	YES	0417 517 391 03 5871 2907 David.morgan@cleanitnq.com	Phone Mobile Fax Email Web
Cobram Electrical and Data North East Victoria and NSW		03 5871 2807 0438 503 973 03 5871 2907 info@cobramelectricalanddata.com www.cobramelectricalanddata.com	Phone Mobile Fax Email Web
Corrosion Mitigation Pty Ltd All areas	NO	03 9376 4216 0418 367 295 03 9376 4216 ronleo@bigpond.com	Phone Mobile Fax Email Web
CSA Specialised Services All Victoria		1300 859 829 0412 260 589 courtney@csaspecialised.com.au	Phone Mobile Fax Email Web
D-Tech Ground and Overhead Services Pty Ltd All of Vic		0421 697 090 tina@d-tech.net.au	Phone Mobile Fax Email Web
Daylesford Underground Cable Location	NO	03 5348 5520 0427 485 520 lowimpact@bigpond.com.au	Phone Mobile Fax Email Web
de Castella Walsh Consulting Pty Ltd t/as Utility Locating Victoria	YES	0417 327 570 damien.decastella@gmail.com	Phone Mobile Fax Email Web
Down Under Pipeline Surveys Pty Ltd	NO	02 4653 1286 0418 675 374 02 4653 1747 office@dups.com.au www.dups.com.au	Phone Mobile Fax Email Web
Drain Solutions Pty Ltd Melbourne, Melbourne Metro, Greater Melbourne Metropolitan areas, Mornington Peninsular & all regional area		1300 546 348 0412 111 600 info@drainsolutions.com.au	Phone Mobile Fax Email Web
Earthscan Technology Central and South West	NO	0402 210 445 03 5441 7611 njcahir@hotmail.com	Phone Mobile Fax Email Web

Telstra Accredited Plant Locators – Victoria & Tasmania

Echuca & District Cable Locations Northern VIC, Southern NSW	YES	0419 001 843 03 5482 5005 denniscompton@bigpond.com	Phone Mobile Fax Email Web
Eiicon Pty Ltd Wodonga, Albury, Wagga Wagga, Wangaratta, Towong Shire, Alpine Shire, Indigo Shire		0419 568 331 info@eiicon.com www.eiicon.com	Phone Mobile Fax Email Web
Environmental Location Systems All of Victoria. Will travel further if requested		03 8795 7461 0459 177 700 stuart@radiodetection.com.au www.radiodetection.com.au	Phone Mobile Fax Email Web
Geelong Cable Locations All Areas		1800 449 543 info@geelongcablelocations.com.au www.geelongcablelocations.com.au	Phone Email Web
Geosafe Pty Ltd Melbourne and country Victoria	YES	03 9336 4086 0401 484 826 03 9336 2480 pcadzow@geosafe.com.au	Phone Mobile Fax Email Web
GeoScan Utility Location Service Victoria state-wide	YES	0417 309 710 03 5261 9619 geoscanuls@bigpond.com	Phone Mobile Fax Email Web
Gippsland Pipe & Cable Locations Gippsland	YES	03 5152 4417 0409 386 817 03 5152 4480 gippspac@hotmail.com	Phone Mobile Fax Email Web
Gippslocate Gippsland	YES	03 5174 9831 0429 349 391 info@gippslocate.com.au	Phone Mobile Fax Email Web
HMR Partners Aust. Pty Ltd t/as Total Hauling Solutions North Central Victoria	No	0423 870 207 hmrpartners@gmail.com	Phone Mobile Fax Email Web
Hunter Smith Management Pty Ltd All of NSW & ACT, other regions e.g. Victoria as required.		02 8090 2695 0422 224 761 huntersmith@iprimus.com.au www.hsmlocating.com.au	Phone Mobile Fax Email Web
Juls Projects Pty Ltd	YES	0417 511 114 03 5940 3293 craigj@julsprojects.com.au	Phone Mobile Fax Email Web
Mark W Brehaut t/as Pipe and Cable Locating Ballarat	YES	0402 411 843 03 9011 9750 House3d@gmail.com	Phone Mobile Fax Email Web
Markline Industries t/as Independent Plumbing Inspirations Yarra Glen, Yea area	YES	0411 111 839 iplumbinspections@outlook.com	Phone Mobile Fax Email Web
Pipe and Cable Underground Solutions Pty Ltd Metro & Country	NO	0418 378 935 pipecable@iprimus.com.au	Phone Mobile Fax Email Web

Telstra Accredited Plant Locators – Victoria & Tasmania

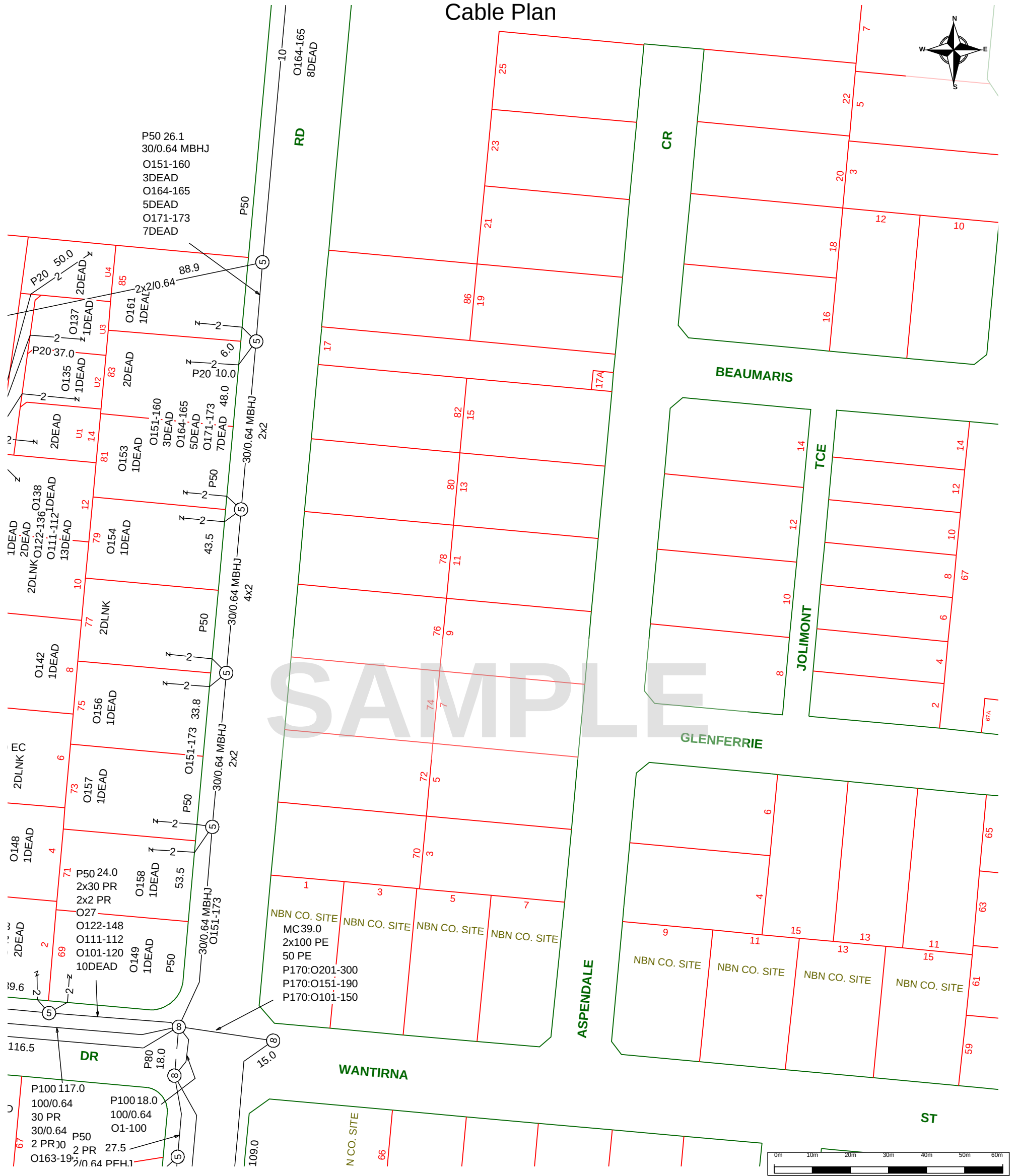
Qest Environments All of Victoria	YES	1300 308 172 0425 814 428 1300 456 863 glen@qest.net.au	Phone Mobile Fax Email Web
R & R McClure Excavations Pty Ltd Bendigo, Castlemaine, Kyneton, Gisborne, Heathcote, Mildura, Robinvale, Ouyen	YES	03 5472 3256 03 5472 4558 admin@rrmcclure.com.au	Phone Mobile Fax Email Web
Radiotech Geo-Structural Surveys	NO	03 9444 9183 03 9434 4694 radiotech@optusnet.com.au	Phone Mobile Fax Email Web
SADB Directional Drilling Adelaide metro and outer regions	YES	08 8168 7200 08 8168 7299 reception@sadb.com.au	Phone Mobile Fax Email Web
Somerset Communications North-East Victoria (Wangaratta, Bright, Yarrawonga, Mansfield, Benalla), Kiewa Valley, Corowa, Rutherglen	YES	0407 228 280 somcom13@bigpond.net.au	Phone Mobile Fax Email Web
Spot On Group Central & North East Victoria, Southern NSW	NO	1300 531 431 0407 505 226 03 5032 1173 dale@spotongroup.com.au	Phone Mobile Fax Email Web
SR Excavations South Gippsland, Bass Coast & Phillip Island	YES	0418 537 278 admin@srexceptions.com.au	Phone Mobile Fax Email Web
Ted Finchett Pty Ltd South West Victoria	NO	03 5572 3388 enquiries@finchetts.com.au	Phone Mobile Fax Email Web
UES (Victoria) Pty Ltd Northern Victoria, Goulburn Valley, Southern Riverina	YES	0407 120 201 03 5852 1577 jarrod@undergroundengineeringsolutions.com.au	Phone Mobile Fax Email
Underground Locating Services Gippsland, Mornington Peninsular		03 9796 3303 0414 409 619 03 5998 1587 mail@undergroundlocating.com.au	Phone Mobile Fax Email Web
Underground Services Detection Pty Ltd All of Victoria		03 9314 2620 0401 268 915 03 9314 2660 undergroundservices@bigpond.com	Phone Mobile Fax Email Web
Utility Mapping (Aust) Pty Ltd	YES	1300 MAPPING melbourne@utilitymapping.com.au www.utilitymapping.com.au	Phone Mobile Fax Email Web
Utility Vision Pty Ltd All of Victoria	YES	03 9333 8435 0409 525 973 03 9333 9436 clayton@utilityvision.com.au	Phone Mobile Fax Email Web
Vac Group Operations Pty Ltd t/as Earthspy		1300 822 834 0449 953 047 Daniel.vigiarolo@vacgroup.com.au www.vacgroup.com.au	Phone Mobile Fax Email Web

Telstra Accredited Plant Locators – Victoria & Tasmania

TASMANIA

Company Name & service areas	*Fibre	Contact	
AJ Water & Leak Detection East Coast, North, North East & North West regions		0457 710 684 admin@ajwater.com.au www.ajwater.com.au	Phone Mobile Fax Email Web
Archer's Underground Service Locations Launceston, Devonport & Burnie areas contact 0459 807 299 All other areas contact 0418 737 299		03 6245 1298 0418 737 299 03 6245 1299 admin@auslocations.com.au	Phone Mobile Fax Email Web
Astrotec All of Southern Tasmania		03 6267 2173 0408 479 601 simon@astrotec.net.au	Phone Mobile Fax Email Web
Cable Locators Northern Tasmania 0363 area code	YES	0408 130 450 Napl.02480@gmail.com	Phone Mobile Fax Email Web
Corrosion Mitigation Pty Ltd All areas	NO	03 9376 4216 0418 367 295 03 9376 4216 ronleo@bigpond.com	Phone Mobile Fax Email Web
Juls Projects Pty Ltd	YES	0417 511 114 03 5940 3293 craigj@julsprojects.com.au	Phone Mobile Fax Email Web
Nigel Mawby Enterprises Based in Devonport and covering all of Tasmania	YES	0408 635 357 nigelimawby@bigpond.com	Phone Mobile Fax Email Web
Radiotech Geo-Structural Surveys	NO	03 9444 9183 03 9434 4694 radiotech@optusnet.com.au	Phone Mobile Fax Email Web

Cable Plan



For all Telstra DBYD plan enquiries -
email - Telstra.Plans@team.telstra.com
For urgent onsite contact only - ph 1800 653 935 (bus hrs)

TELSTRA CORPORATION LIMITED A.C.N. 051 775 556

Generated On 05/01/2017 15:46:34

Sequence Number: 57985172

Please read Duty of Care prior to any excavating

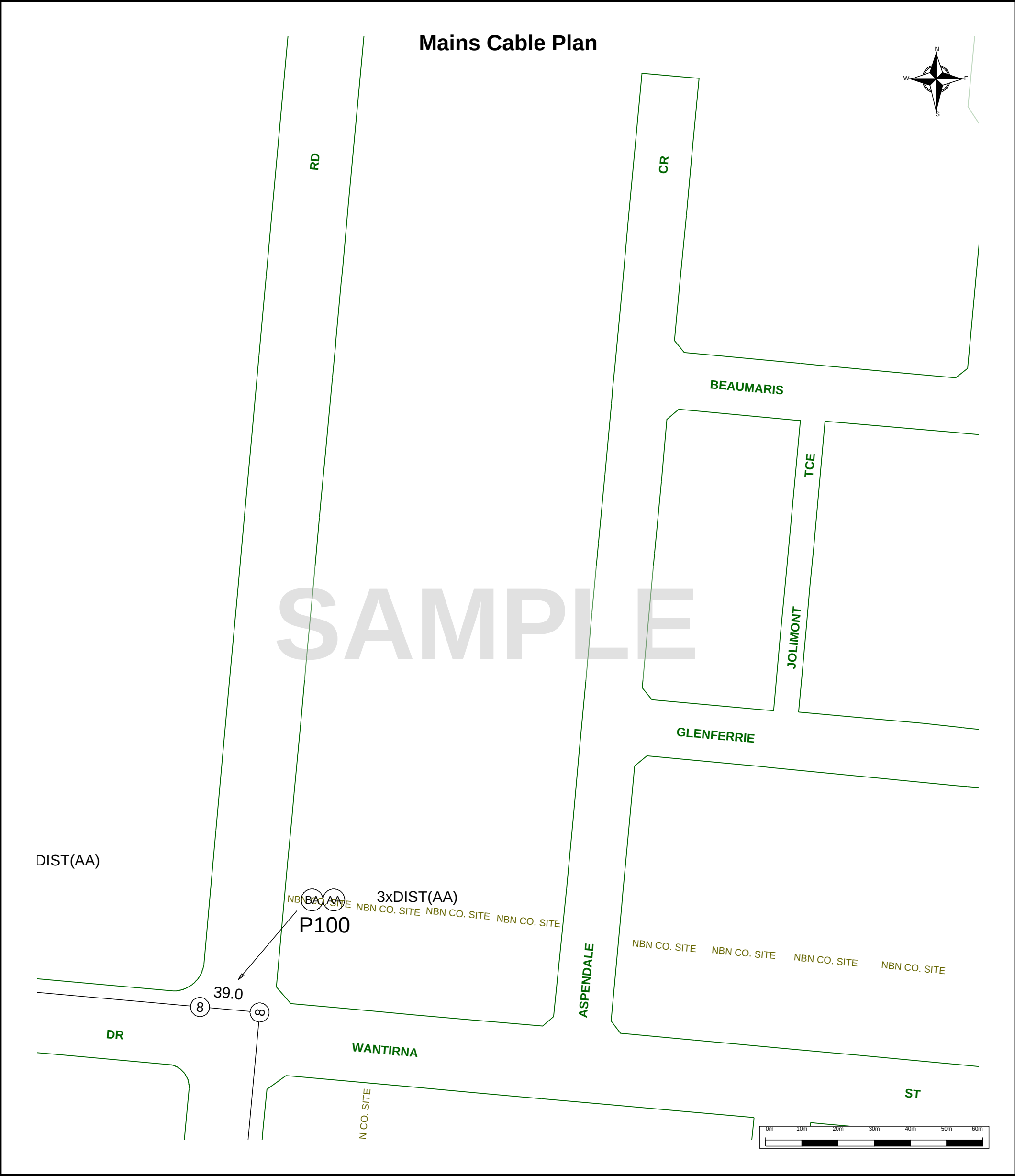
The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

WARNING - Due to the nature of Telstra underground plant and the age of some cables and records, it is impossible to ascertain the precise location of all Telstra plant from Telstra's plans. The accuracy and/or completeness of the information supplied can not be guaranteed as property boundaries, depths and other natural landscape features may change over time, and accordingly the plans are indicative only. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans.

It is your responsibility to locate Telstra's underground plant by careful hand pot-holing prior to any excavation in the vicinity and to exercise due care during that excavation.

Please read and understand the information supplied in the duty of care statement attached with the Telstra plans. TELSTRA WILL SEEK COMPENSATION FOR LOSS CAUSED BY DAMAGE TO ITS PLANT.

Telstra plans and information supplied are valid for 60 days from the date of issue. If this timeframe has elapsed, please reapply for plans.



	For all Telstra DBYD plan enquiries - email - Telstra.Plans@team.telstra.com For urgent onsite contact only - ph 1800 653 935 (bus hrs)	Sequence Number: 57985172
	TELSTRA CORPORATION LIMITED A.C.N. 051 775 556	Please read Duty of Care prior to any excavating
	Generated On 05/01/2017 15:46:38	

WARNING - Due to the nature of Telstra underground plant and the age of some cables and records, it is impossible to ascertain the precise location of all Telstra plant from Telstra's plans. The accuracy and/or completeness of the information supplied can not be guaranteed as property boundaries, depths and other natural landscape features may change over time, and accordingly the plans are indicative only. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans.

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Telstra plans and information supplied are valid for 60 days from the date of issue. If this timeframe has elapsed, please reapply for plans.



To: Mr Psi Vic
Phone: 0385276300
Fax: Not Supplied
Email: propertyinfo@psivic.com.au

Dial before you dig Job #:	11695849	 DIAL BEFORE YOU DIG www.1100.com.au
Sequence #	57985175	
Issue Date:	01/05/2017	
Location:	Lot 386, Aspendale Crescent, Shepparton, VIC-3630	Some impact. No onsite action required.

Location of Underground Telecommunications Facilities

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

- **nbn's** records indicate that there **MAY BE** underground fibre optic/telecommunications facility/facilities (owned or controlled by nbn) in the vicinity of the location identified above ("Location").
- **nbn** indicative plan/s are attached with this notice ("Indicative Plans").
- The Indicative Plan/s show general depth and alignment information only and are not an exact, scale or accurate depiction of the location, depth and alignment of the fibre optic/telecommunications facilities shown on the Indicative Plan/s.
- In particular, the fact that the Indicative Plans show that a facility is installed in a straight line, or at uniform depth along its length cannot be relied upon as evidence that the facility is, in fact, installed in a straight line or at uniform depth.
- You should read the Indicative Plans in conjunction with this notice and in particular, the notes below.
- The information contained in the Indicative Plans is valid for 28 days from the date of issue set out above. You are expected to make your own inquiries and perform your own investigations (including engaging appropriately qualified plant locators at your cost to locate **nbn** telecommunications facilities during any activities you carry out on site).



We thank you for your enquiry and appreciate your continued use of the Dial Before You Dig Service. If you are planning to excavate and require further information, please contact **nbn** on 1800 626 762. For any enquiries related to moving assets or Planning and Design activities, please email the **nbn** at RelocationWorks@nbnco.com.au.

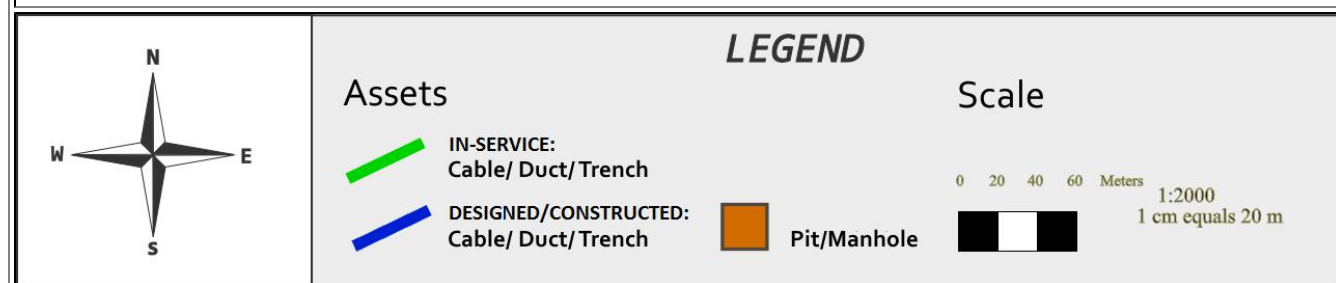
Notes:

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

Indicative Plans

SAMPLE

1





Referral Conditions

SAMPLE

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

1. **nbn** does not accept any responsibility for any inaccuracies of its plans. You are expected to make your own inquiries and perform your own investigations (including engaging appropriately qualified plant locators at your cost to locate **nbn**TM telecommunications facilities during any activities you carry out on site).
2. You should not assume that fibre optic cables follow straight lines or are installed at uniform depths along their lengths, even if they are indicated on plans provided to you. Careful onsite investigations are essential to locate the exact position of cables.
3. In carrying out any works in the vicinity of **nbn** facilities, you must maintain the following minimum clearances:
 - 300mm when laying assets inline, horizontally or vertically
 - 500mm when operating vibrating equipment, for example: jackhammers or vibrating plates; and
 - 1000mm when operating mechanical excavators.
 - Adherence to clearances as directed by other asset owner's instructions
4. You are aware that there are inherent risks and dangers associated with carrying out work in the vicinity of underground facilities (such as nbn fibre optic, copper and coaxial cables, to nbn assets). Damage to underground electric cables may result in:



- Injury from electric shock or severe burns, with the possibility of death.
 - Interruption of the electricity supply to wide areas of the city.
 - Damage to your excavating plant.
 - Responsibility for the cost of repairs.
5. You must take all reasonable precautions to avoid damaging nbn facilities. These precautions may include ,but not limited to, the following:
- All excavation sites should be examined for underground cables by careful hand excavation. Cable cover slabs if present must not be disturbed. Hand excavation needs to be undertaken with extreme care to minimise the likelihood of damage to the cable, for example, the blades of hand equipment should be aligned parallel to the line of the cable rather than digging across the cable.
 - If any undisclosed underground cables are located, notify nbn immediately.
 - All personnel must be properly briefed, particularly those associated with the use of earth-moving equipment, trenching, boring and pneumatic equipment.
 - The safety of the public and other workers must be ensured.
 - All excavations must be undertaken in accordance with all relevant legislation and regulations.
6. You will be responsible for all damage to nbn facilities that are connected whether directly, or indirectly with work you carry out (or work that is carried out for you or on your behalf) at the Location. This will include, without limitation, all losses expenses incurred by nbn as a result of any such damage.
7. You must immediately report any damage to **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 762.
8. Except to the extent that liability may not be capable of lawful exclusion, nbn and its servants and agents and the related bodies corporate of nbn and their servants and agents shall be under no liability whatsoever to any person for any loss or damage (including indirect or consequential loss or damage) however caused (including, without limitation, breach of contract negligence and/or breach of statute) which may be suffered or incurred from or in connection with this information sheet or any Plans attached hereto. Except as expressly provided to the contrary in this information sheet or the attached Indicative Plans, all terms, conditions, warranties, undertakings or representations (whether expressed or implied) are excluded to the fullest extent permitted by law.

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

State/Territory	Documents
National	Work Health and Safety Act 2011
	Work Health and Safety Regulations 2011
	Safe Work Australia - Working in the Vicinity of Overhead and Underground Electric Lines (Draft)
	Occupational Health and Safety Act 1991
NSW	Electricity Supply Act 1995



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

Thank You,

Network Operations Centre - Assurance

Date: 01/05/2017

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