



Job No 8950692

Phone: 1100  
[www.1100.com.au](http://www.1100.com.au)

## Caller Details

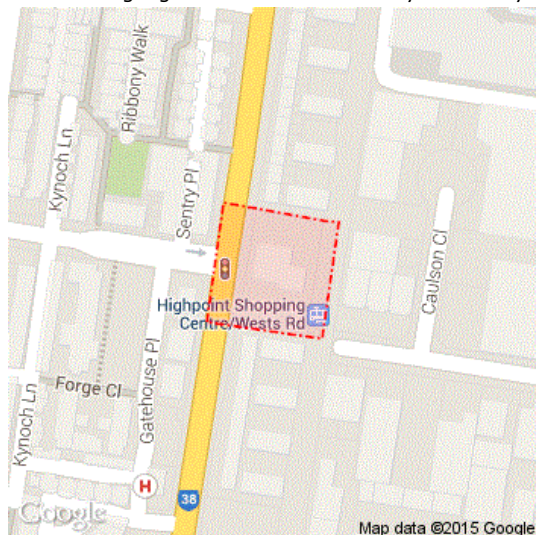
**Contact:** Ms Lily Shen  
**Company:** k20 Architecture  
**Address:** 325 Coventry  
South Melbourne VIC 3205

**Caller Id:** 1128549  
**Mobile:** 0431592698  
**Email:** lshen@k20au.com

**Phone:** 0396994440  
**Fax:** 0396995550

## 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:** Maribyrnong River Childcare  
**Working on Behalf of:** Private  
**Enquiry Date:** 17/03/2015  
**Start Date:** 20/03/2015  
**End Date:** 27/03/2015

**Address:** 6 Wests Road  
Maribyrnong VIC 3032  
**Job Purpose:** Excavation  
**Onsite Activity:** Vertical Boring  
**Location of Workplace:** Both  
**Location in Road:** CarriageWay, Footpath, Nature Strip

- 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](http://www.1100.com.au)
- For more information on safe excavation practices, visit [www.1100.com.au](http://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
44450829	AusNet Gas Services Pty Ltd	1800088208	NOTIFIED
44450830	City West Water Ltd.	0393138379	NOTIFIED
44450826	Jemena Electricity Networks (Vic)	0385449672	NOTIFIED
44450823	Maribyrnong City Council	0390324025	NOTIFIED
44450831	Melbourne Water	0396797589	NOTIFIED
44450828	Optus and/or Uecomm, Vic	1800505777	NOTIFIED
44450827	Telstra VICTAS	1800653935	NOTIFIED
44450825	Yarra Trams	0386683380	NOTIFIED

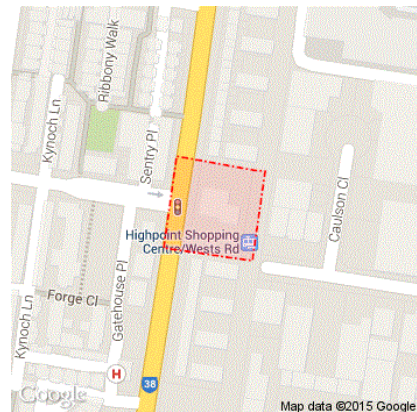
END OF UTILITIES LIST

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



## DBYD Response from AusNet Gas Services Pty Ltd.

**Job Number:** 8950692  
**Sequence Number:** 44450829  
**Enquiry Date:** 17/03/2015  
**Enquiry Location:** 6 Wests Road Maribyrnong, VIC



Thank you for using the Dial Before You Dig (DBYD) service before engaging in work at the above location.

### AusNet Gas Services Pty Ltd – Gas Assets Present

Please find attached Plans and Conditions for Works near gas assets in the vicinity of your enquiry.

*\* Please note this information is only valid for 28 Days from date of issue.*

Do not rely solely on these Dial Before You Dig plans for underground asset location. The exact location of existing underground assets should be established on site prior to commencement of work. Should you wish to advise AusNet Gas Services Pty Ltd of any data discrepancy, please call 1800 088 208.

#### **For Your Safety**

In case of emergency, gas escapes, hit or damaged gas pipelines call **136707**.

Where proposed work is in close proximity to a gas pipe, the exact location of the pipe must first be determined by careful hand excavation.

#### **Gas Service Lines on Private Property**

Supplied plans do not show gas service lines on private property and do not show any gas assets of authorities other than AusNet Gas Services Pty Ltd, which may exist on site.

If you require assistance to locate gas services please contact **Tenix Networks** at the following locations.

Melb Metro	(03) 9931 2076	Ballarat	(03) 5342 6400	Warrnambool	(03) 5561 9614
Geelong	(03) 5223 9400	Bendigo	(03) 5442 4855		

#### **AusNet Services – DBYD Support**



## LEGEND – GAS ASSETS

TYPE OF PIPE		FITTINGS AND NOTATIONS			
C2	CAST IRON	90°	BEND	OR	REGULATOR KIOSK / PIT
C3	CAST IRON MECHANICAL JOINT	B.P.	BLADDER PLATE		SERVICE REGULATOR
C4	CAST IRON SOUTHERN	(C.B.)	COMBINED BEND	SCADA	SYSTEM CONTROL & DATA
C5	CAST IRON A.I.S.	F. & F.	FLANGE & FAUCET PIECE	D9-107	ACQUISITION NUMBER
C6	CAST IRON METTERS CLOW	F. & S.	FLANGE & SPIGOT PIECE	P1-101	REGULATOR NUMBER
C7	CAST IRON STAVELEY	LT.	LONGTHREAD		SYPHON
C8	CAST IRON STANTON	MA	MUELLER ADAPTOR (HP)		PURGE, PRESSURE POINT
C9	CAST IRON STANTON-STAVELEY		OFF A WILLIAMSON TEE		VALVE
C10	CAST IRON LEAD JOINT		MUELLER DEAD END EXTENSION		VALVE INSULATED
D2	DUCTILE IRON-UNCOATED	D.E.	MUELLER LINE STOPPER		FLANGE BLANK
D3	DUCTILE IRON-PLASTIC COATED	L.S.	MUELLER SERVICE TEE		INSULATED FITTING
F2	FIBRO CEMENT	T.S.	MUELLER TEE VALVE	(A) / (T)	ANODE BED / TEST POINT
P2	PLASTIC POLYETHYLENE (PE)	T.V.	PROPERTY LINE	(C)	CATHODIC PROTECTION UNIT
P3	PLASTIC POLY VINYL CHLORIDE (PVC)	P.L.	PVC TEE		ENCASING PIPE/INSERTION PIPE
P4	PLASTIC PIPE OTHER - L.P. ONLY	PJT	REDUCER		CONCRETE SLABBING
P5	PLASTIC IMPACT MODIFIED (TYPE 3)	R.	SADDLE (C.I. MAINS ONLY)		CROSS
P6	PLASTIC POLYETHYLENE (P.E.) CL 500 MEDIUM DENSITY (HP), (YELLOW)	SD.	STOOL (C.I. MAINS ONLY)		GAS CRITICAL VALVE
P7	PLASTIC POLYETHYLENE (P.E.) CL 250 MEDIUM DENSITY (LP/MP), (YELLOW)	ST.	TEE		INSTRUMENT STATION
P8	PLASTIC POLYETHYLENE (P.E.) FE808 METRIC, (BLACK WITH YELLOW STRIPES)	T.SP.	TEE SPLIT		
P9	PLASTIC POLYETHYLENE (P.E.) FE100 METRIC, (BLACK WITH ORANGE STRIPES)	TH.	THIMBLE		
P10	PLASTIC POLYETHYLENE (P.E.) FE100 METRIC, (BLACK WITH YELLOW STRIPES)	TH.R.	THIMBLE REDUCER		
S2	STEEL	TH.SP.	THIMBLE SPLIT		
S3	STEEL COATED & SCREWED	TH.SP.B.	THIMBLE SPLIT BOSSED		
S4	STEEL COATED & WELDED	TH.SP.F.	THIMBLE SPLIT FLANGED		
S5	STEEL GALVANIZED	(V)	VERTICAL		
S6	STEEL COATED GIBALTY JOINT	W.S.	WILLIAMSON SHORT STOPP		
S7	STEEL PLASTIC COATED & WELDED	W.T.	WILLIAMSON TEE		
S8	STEEL PLASTIC COATED & SCREWED				
S9	STEEL INTERPON FBE COATED				
S10	STEEL NAPGARD FBE COATED				
S20	STEEL WELDED-EXTRUDED POLYETHYLENE COATED (T.P.)				
S21	STEEL WELDED-ENAMEL COATED (T.P.)				
S22	STEEL WELDED-FUSION BOND EPOXY COATED (T.P.)				
S23	STEEL WELDED-FUSION BONDED POLYETHYLENE COATED (T.P.)				
S24	STEEL WELDED-MULTI-LAYERED EXTRUDED POLYETHYLENE COATED (T.P.)				
W2	WROUGHT IRON GALVANIZED				



This Legend relates to the Plot provided in response to your DBYD request.



## Technical Standard 2607.1

# CONDITIONS FOR WORKS NEAR GAS INFRASTRUCTURE ( MAINS AND SERVICES )

This information is provided by AusNet Services, the Gas Distribution Company whose Assets may be affected by the proposed works.

### AusNet Services assets include:

- Low, Medium, High and Transmission pressure gas mains.
- Low, Medium and High Pressure Services.
- Corrosion Mitigation equipment
- Above and below ground structures (eg. regulator pit, kiosk, valve pit)

It is the responsibility of the person(s) carrying out the works to have the utmost regard for the safety of property and life. To assist in this, AusNet Services has provided these minimum Conditions for Works which the person(s) carrying out the works must comply with.

### **NOTE 1**

Under no circumstances will AusNet Services accept liability for the acts or omissions of person(s) carrying out works. If in doubt, contact Tenix, AusNet Services's Primary Service Provider on **(03) 9931 2076 or Fax: (03) 9931 2078**.

- Every care has been taken to ensure that the location of gas mains shown on our district plans or given verbally is accurate. However, some variations from records do exist and complete accuracy cannot be guaranteed. AusNet Services does not accept any responsibility for any inaccuracies of its plans.
- **Service lines from the gas mains to consumer premises are not shown on the district plans or AM/FM. The location of any gas main or service must be proven by hand excavation.**

If damage occurs to any property that is owned by AusNet Services, AusNet Services will assert its legal rights. These legal rights include, but are not limited to:

- Seeking compensation for tortious damage to property; and
- Asserting statutory entitlements, including prosecution under the Gas Industry Act (Vic) 2001, as amended.

### **NOTE 2**

The Gas Safety Act 1997 provides penalties for unauthorised works in the vicinity of AusNet Services-owned gas distribution assets and interference with:

- Gas company pipelines (other than transmission).
- Transmission pipelines and,
- And any other gas company installations and facilities.

### **Minimum Conditions for work near Gas mains or Services**

1. It is essential that prior to any work being carried out, detailed design plans of the proposed construction work be checked by the Engineering Section of Tenix **((03) 9931 2090)** for impact assessment. Only after Tenix have considered and approved the proposal, should works be commenced.
2. Final construction plans approved by Tenix, together with any relevant gas plans supplied are only to be used for proposed work. Updated gas works' plans must again be obtained for any further works in the future.
3. Special precautions must be taken in proving the location of **mains and services**. Damage to the coating or the pipe itself can with time, create a hazardous situation. If damage does occur, it must be reported to Tenix on **(03) 9931 2076 and 9931 2077 or Fax: (03) 9931 2078**.
4. It is the responsibility of the person(s) undertaking works to establish the **location of the gas mains and services by hand excavation** prior to the commencement of works. If the gas mains or services cannot be located within 1.5 metres either side of the documented or communicated location, Tenix must be contacted on **(03) 9931 2076 and 9931 2077 or Fax: (03) 9931 2078**.



5. For works near gas mains (shown on gas plans in black, green, blue or orange), or services, onsite location / assistance can be arranged by contacting Tenix on **(03) 9931 2076 and 9931 2077 or Fax: (03) 9931 2078**, at least 2 working days prior to the commencement of planned works.
6. Onsite locations / assistance outside normal working hours (7.30am – 4.00pm Monday to Friday) may incur a fee charged as per the standard schedule of rates. During normal working hours Tenix can be contacted on **(03) 9931 2076 and 9931 2077**.
7. For works near **Transmission Pipelines** (shown on gas plans in red), Tenix Pipeline Security must be contacted on **(03) 9931 2041, or Fax: (03) 9931 2065** at least 2 working days prior to the commencement of planned works. These works are to be performed in accordance with TS 2607.2 - "Conditions for Works near Gas Transmission Pipelines" and TS 2607.3 - "Conditions for the use of Explosives near Gas Transmission Pipelines and Mains".

### **NOTE 3**

#### **For After Hours Contact:**

- For Tenix Pipeline Security, telephone number is **Mobile: 0428 534 817**
- For Gas State Emergency telephone **13 27 71**

#### **Minimum Clearances for Design and Construction of Gas Mains**

As an aid to your design and/or construction, the following minimum clearances from AusNet Services gas reticulation mains are necessary and must be observed:

- 150 mm when crossing gas mains with installations up to 1500 mm wide or OD (Outside Diameter).
- 300 mm when crossing gas mains with installations greater than 1500 mm wide or OD.
- 300 mm when installations are laid parallel to gas mains.
- 500 mm between all gas mains and earthing stakes.
- 300 mm between the bottom of road boxing and the top of gas mains.
- 500 mm between electrical underground cables laid parallel to gas pipe larger than 32 mm OD and up to 250 mm OD. Where this is not possible or the gas pipe is above 250 mm OD, the matter must be referred to Tenix.
- 300 mm between electrical underground cables laid parallel to gas pipe 32mm OD or less.

#### **Minimum Clearances for Design and Construction of Gas Services:**

As an aid to your design and/or construction, the following minimum clearances from AusNet Services gas reticulation services are necessary and must be observed:

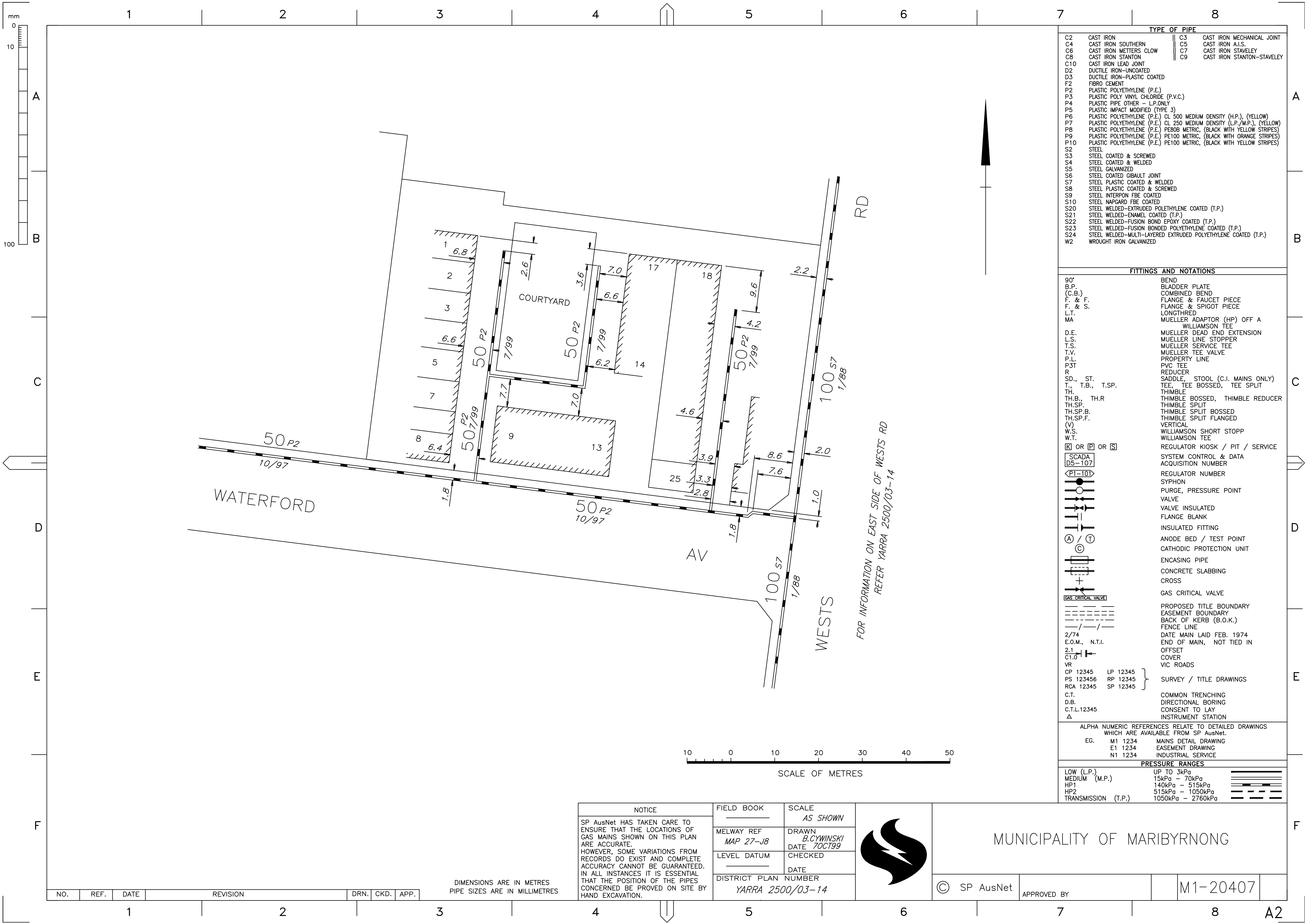
- 150 mm when any installation less than 40 mm OD (except electrical cables and TP Services), is laid parallel to a gas service. For installations of 40mm OD or greater, the minimum clearance requirements must be approved by the Engineering Manager, Tenix.
- Gas Service installations in conduits (except electric cables and TP services), may be laid adjacent to other installations.
- 500 mm between all gas services and earthing stakes.
- 300 mm between the bottom of road boxing and the top of a gas service.
- 150 mm in vertical distance to any installation (except electrical cables and TP Services).
- 300 mm between electrical underground cables laid parallel to a gas service.
- 150 mm between the bottom of a concrete driveway or footpath, and the top of a gas service.

### **NOTE 4**

No installation is permitted above any gas reticulation main or service without the prior approval of the Engineering Manager, Tenix.

### **NOTE 5**

Any variations from the above minimum clearances and particularly in relation to, multiple utility assets in shared, or common trenching, must be approved by the Engineering Manager, Tenix.



TYPE OF PIPE		
C2	CAST IRON	C3 CAST IRON MECHANICAL JOINT
C4	CAST IRON SOUTHERN	C5 CAST IRON A.I.S.
C6	CAST IRON METTERS CLOW	C7 CAST IRON STAVELEY
C8	CAST IRON STANTON	C9 CAST IRON STANTON-STAVELEY
C10	CAST IRON LEAD JOINT	
D2	DUCTILE IRON-UNCOATED	
D3	DUCTILE IRON-PLASTIC COATED	
F2	FIBRO CEMENT	
P2	PLASTIC POLYETHYLENE (P.E.)	
P3	PLASTIC POLY VINYL CHLORIDE (P.V.C.)	
P4	PLASTIC PIPE OTHER - L.P.ONLY	
P5	PLASTIC IMPACT MODIFIED (TYPE 3)	
P6	PLASTIC POLYETHYLENE (P.E.) CL 500 MEDIUM DENSITY (H.P.), (YELLOW)	
P7	PLASTIC POLYETHYLENE (P.E.) CL 250 MEDIUM DENSITY (L.P./M.P.), (YELLOW)	
P8	PLASTIC POLYETHYLENE (P.E.) PE80B METRIC, (BLACK WITH YELLOW STRIPES)	
P9	PLASTIC POLYETHYLENE (P.E.) PE100 METRIC, (BLACK WITH ORANGE STRIPES)	
P10	PLASTIC POLYETHYLENE (P.E.) PE100 METRIC, (BLACK WITH YELLOW STRIPES)	
S2	STEEL	
S3	STEEL COATED & SCREWED	
S4	STEEL COATED & WELDED	
S5	STEEL GALVANIZED	
S6	STEEL COATED GIBAULT JOINT	
S7	STEEL PLASTIC COATED & WELDED	
S8	STEEL PLASTIC COATED & SCREWED	
S9	STEEL INTERPON FBE COATED	
S10	STEEL NAPGARD FBE COATED	
S20	STEEL WELDED-EXTRUDED POLETHYLENE COATED (T.P.)	
S21	STEEL WELDED-ENAMEL COATED (T.P.)	
S22	STEEL WELDED-FUSION BOND EPOXY COATED (T.P.)	
S23	STEEL WELDED-FUSION BONDED POLYETHYLENE COATED (T.P.)	
S24	STEEL WELDED-MULTI-LAYERED EXTRUDED POLYETHYLENE COATED (T.P.)	
W2	WROUGHT IRON GALVANIZED	

FITTINGS AND NOTATIONS	
90°	BEND
B.P.	BLADDER PLATE
(C.B.)	COMBINED BEND
F. & F.	FLANGE & FAUCET PIECE
F. & S.	FLANGE & SPIGOT PIECE
L.T.	LONGTHRED
MA	MUELLER ADAPTOR (HP) OFF A WILLIAMSON TEE
D.E.	MUELLER DEAD END EXTENSION
L.S.	MUELLER LINE STOPPER
T.S.	MUELLER SERVICE TEE
T.V.	MUELLER TEE VALVE
P.L.	PROPERTY LINE
P3T	PVC TEE
R	REDUCER
SD., ST.	SADDLE, STOOL (C.I. MAINS ONLY)
T., T.B., T.SP.	TEE, TEE BOSSED, TEE SPLIT
TH.	THIMBLE
TH.B., TH.R	THIMBLE BOSSED, THIMBLE REDUCER
TH.SP.	THIMBLE SPLIT
TH.SP.B.	THIMBLE SPLIT BOSSED
TH.SP.F.	THIMBLE SPLIT FLANGED
(V)	VERTICAL
W.S.	WILLIAMSON SHORT STOPP
W.T.	WILLIAMSON TEE
<input checked="" type="checkbox"/> OR <input type="checkbox"/> OR <input type="checkbox"/>	REGULATOR KIOSK / PIT / SERVICE
<input type="checkbox"/> SCADA <input type="checkbox"/> DS-107	SYSTEM CONTROL & DATA ACQUISITION NUMBER
<input type="checkbox"/> PT-101	REGULATOR NUMBER
<input type="checkbox"/>	SYPHON
<input type="checkbox"/>	PURGE, PRESSURE POINT
<input type="checkbox"/>	VALVE
<input type="checkbox"/>	VALVE INSULATED
<input type="checkbox"/>	FLANGE BLANK
<input type="checkbox"/>	INSULATED FITTING
<input type="checkbox"/> (A) / (T)	ANODE BED / TEST POINT
<input type="checkbox"/> (C)	CATHODIC PROTECTION UNIT
<input type="checkbox"/>	ENCASING PIPE
<input type="checkbox"/>	CONCRETE SLABBING
<input type="checkbox"/>	CROSS
<input type="checkbox"/> (GAS CRITICAL VALVE)	GAS CRITICAL VALVE
<input type="checkbox"/>	PROPOSED TITLE BOUNDARY
<input type="checkbox"/>	EASEMENT BOUNDARY
<input type="checkbox"/>	BACK OF KERB (B.O.K.)
<input type="checkbox"/>	FENCE LINE
2/74	DATE MAIN LAID FEB. 1974
E.O.M., N.T.I.	END OF MAIN, NOT TIED IN
2.1	OFFSET
C1.0	COVER
VR	VIC ROADS
CP 12345 LP 12345	SURVEY / TITLE DRAWINGS
PS 123456 RP 12345	
RCA 12345 SP 12345	
C.T.	COMMON TRENCHING
D.B.	DIRECTIONAL BORING
C.T.L.12345	CONSENT TO LAY
Δ	INSTRUMENT STATION

PRESSURE RANGES		
LOW (L.P.)	UP TO 3kPa	
MEDIUM (M.P.)	15kPa - 70kPa	
HP1	140kPa - 515kPa	
HP2	515kPa - 1050kPa	
TRANSMISSION (T.P.)	1050kPa - 2760kPa	

NOTICE	FIELD BOOK	SCALE
SP AusNet HAS TAKEN CARE TO ENSURE THAT THE LOCATIONS OF GAS MAINS SHOWN ON THIS PLAN ARE ACCURATE. HOWEVER, SOME VARIATIONS FROM RECORDS DO EXIST AND COMPLETE ACCURACY CANNOT BE GUARANTEED. IN ALL INSTANCES IT IS ESSENTIAL THAT THE POSITION OF THE PIPES CONCERNED BE PROVED ON SITE BY HAND EXCAVATION.	—	AS SHOWN
	MELWAY REF MAP 27-J8	DRAWN B.CYWINSKI
	LEVEL DATUM	DATE 7OCT99
	DISTRICT PLAN NUMBER YARRA 2500/03-14	CHECKED



MUNICIPALITY OF MARIBYRNONG

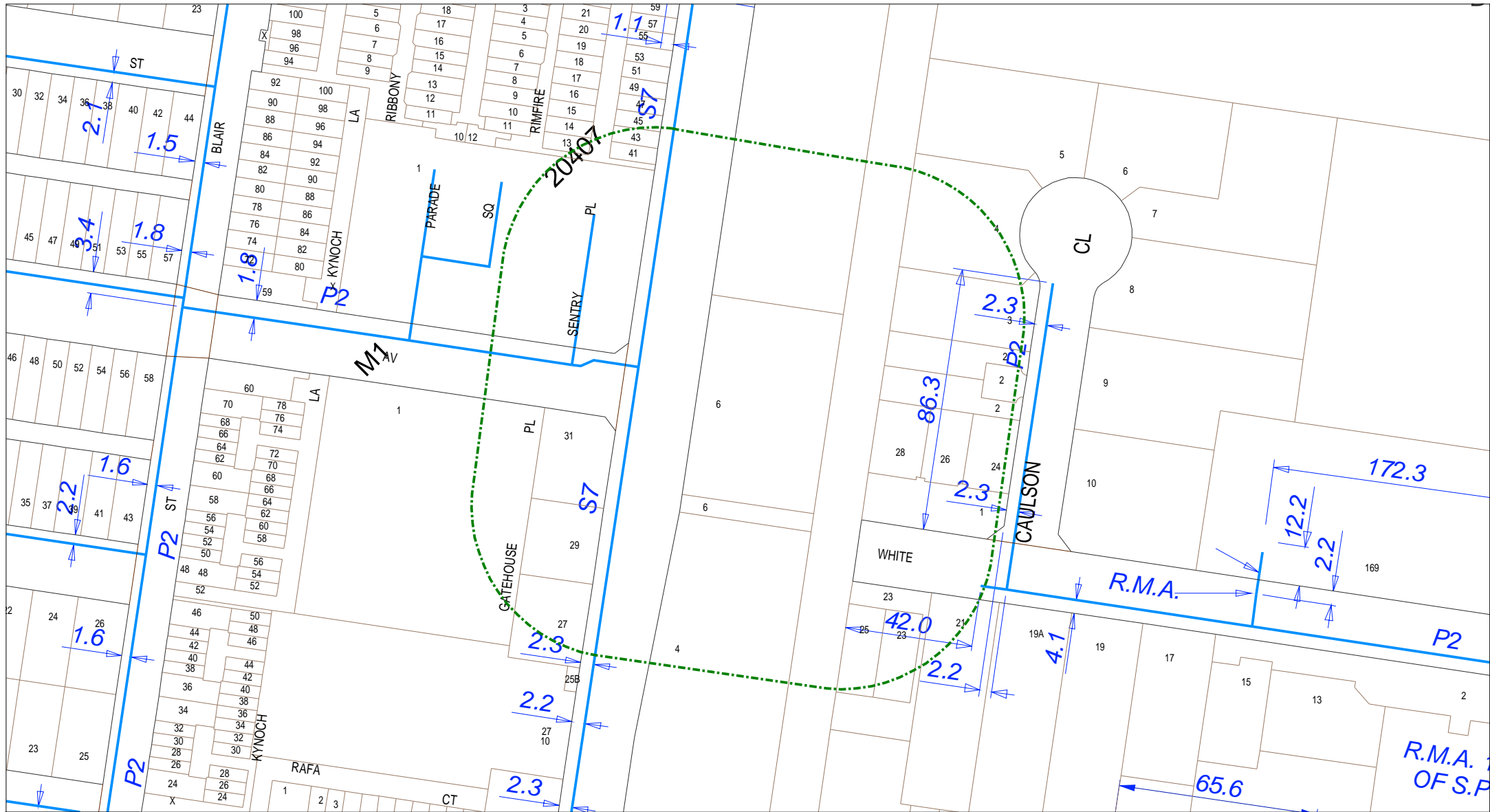
© SP AusNet

APPROVED BY

M1-20407

NO.	REF.	DATE	REVISION	DRN.	CKD.	APP.
1						
2						
3						
4						
5						
6						
7						
8						





NOTE: AusNet Services has taken care to ensure that the locations of Gas Mains shown on this plan are accurate however some variations from records do exist and complete accuracy is not guaranteed. It is essential that the position of pipes be proved on site by hand excavation. AusNet Services shall not be liable for any loss damage claim or demand incurred either directly or indirectly resulting from any act or omission which was made in reliance in whole or in part upon this plan.

Warning - Take Precautions if Printing this Plot in Black & White.  
All planned mains shall be treated as live mains, as mains under pressure may be in existence.

- - - - - Gas Transmission Pipeline
- ===== Gas Distribution Mains
- - - - - Planned Gas Assets
- . - . - . Requested Area



City West Water



# Dial Before You Dig

## City West Water Plan Request

Tuesday, 17 March 2015

**TO:** Ms Lily Shen  
325 Coventry  
South Melbourne  
3205 VIC  
**EMAIL / FAX:** lshen@k20au.com  
0396995550

**FROM:** CWW Dial Before You Dig  
**EMAIL:** connections@citywestwater.com.au

**Site Location details:**

**6 Wests Road, Maribyrnong, VIC, 3032**

**SEQUENCE NUMBER**

**44450830**

**JOB NUMBER**

**8950692**

Dear Ms Lily Shen,

Thank you for your Dial Before You Dig Request. Please find attached the Water and Sewerage plans as requested.

### Important Information

- The location of assets must be proved in the field by the applicant prior to the commencement of work. These plans do not indicate private services.
- City West Water does not guarantee and makes no representation or warranty as to the accuracy or scale of these plans. This company accepts no liability for any loss, damage or injury by any person as a result of any inaccuracy in these plans.
- Assets labelled AC may contain asbestos material and therefore works on these assets must be undertaken in accordance with OHS (Asbestos) Regulations 2007.
- Metallic water mains and associated fittings may pose an electrocution hazard if electrical earth wires have been connected to the property service or water main. The contractor shall ensure that adequate electrical testing is carried out prior to working on these mains. If a positive reading is recorded the contractor shall cease all works and notify the relevant power distributor, the customer and City West Water.
- Minimum horizontal and vertical clearances ( edge to edge ) are required between your proposed works and City West Water assets. Details of these minimum clearances can be obtained from City West Water's website:  
[http://www.citywestwater.com.au/documents/Guidelines\\_for\\_proposed\\_works\\_over\\_adjacent\\_to\\_water\\_authority\\_assets\(1\).pdf](http://www.citywestwater.com.au/documents/Guidelines_for_proposed_works_over_adjacent_to_water_authority_assets(1).pdf)
- Any conflict with the minimum clearance to your proposed works should be referred to City West Water for advice.

### Contact Information:

- If you require more detailed plans, please contact as follows :

( Please note, the following services will incur a processing fee )

- Sewer Detail Plan
- Asset Information Plan
- Property Service Plan ( Internal Pipes )

City West Water 13 16 91  
City West Water 13 16 91  
Casey Inspection 9835 5511





**MOCS SEQUENCE No. 8950692:44450830**

**6 Wests Road, Maribyrnong VIC 3032**

**Melway Reference: 27J9**

# WATER PLAN

**Scale 1: 2577**

**Date: 17/03/2015**



City West Water



## LEGEND

Water Main		Valve ( or Stop Cock)		Hydrant – City West Water		Hydrant – Valve Controlled	
Transfer Water Main		Air Valve, Shut Valve		Hydrant – Council		Fireplug – Valve Controlled	
Recycled Water Main		Pressure Reducing Valve		Hydrant – Council/ Water Authority		Chlorination Installation	
Abandoned Water Main		Needle Valve, Altitude Valve		Fireplug – City West Water		Electrolysis Installation	
Offset of Water Main		Pressure Sustaining Valve		Fireplug – Council		Recorder – Depth, Pressure, Flow	
Pipe Diameter, Type	100 CICL	Scour, Pumping Point		Fireplug – Council/ Water Authority		Dialysis	
Pipe Construction Date	01.01.1900	Manhole		Washout		Insulating Joint	
		Reducer or Taper		Washout – Valve Controlled			

Assets labelled AC may contain asbestos material and therefore works on these assets must be undertaken in accordance with OHS Regulations 2007 (Part 4.3 ).

Disclaimer : The location of assets must be proved in the field by the applicant prior to the commencement of work. These plans do not indicate private services. City West Water Corporation does not guarantee and makes no representation or warranty as to the accuracy or scale of this plan. This company accepts no liability for any loss, damage or injury by any person as a result of any inaccuracy in this plan.



**MOCS SEQUENCE No. 8950692:44450830**

**6 Wests Road, Maribyrnong VIC 3032**

**Melway Reference: 27J9**

# SEWER PLAN

**Scale 1: 2577**

**Date: 17/03/2015**



**City West Water**



## LEGEND

Access Shaft		Inspection Shaft		Sewer Main			
Circular Manhole		Circular Pump Well		Abandoned Sewer Main		ABANDONED	
Gas Check Manhole		Vent In-Ground		Direction of Flow			
Square Manhole		End of Pipe		Ventilation Structure			
Rectangular Manhole		Pipe Junction		Change of Grade			
Chambered Manhole		Long Branch Reducer					

Assets labelled AC may contain asbestos material and therefore works on these assets must be undertaken in accordance with OHS Regulations 2007 (Part 4.3 ).

Disclaimer : The location of assets must be proved in the field by the applicant prior to the commencement of work. These plans do not indicate private services. City West Water Corporation does not guarantee and makes no representation or warranty as to the accuracy or scale of this plan. This company accepts no liability for any loss, damage or injury by any person as a result of any inaccuracy in this plan.



**Jemena Electricity Networks (Vic) Ltd.**  
321 Ferntree Gully Rd  
Mt Waverley, VIC 3149  
Phone: 03 8544 9672  
Fax: 03 8544 9904  
ABN: 82 064 651 083



**Dial Before You Dig Enquiry Response**  
**Jemena Electricity Networks (Vic) Ltd. Underground Cable**  
**Locations – Assets Affected**

To: Ms Lily Shen  
k20 Architecture  
325 Coventry  
South Melbourne, VIC 3205

**Date: 19/03/2015**

**Re: DBYD Sequence No. 44450826**

Customer ID :	1128549	Fax :	0396995550
Company :	k20 Architecture	Phone :	0396994440
E-Mail :	lshen@k20au.com	Mobile :	0431592698

We refer to the above Dial Before You Dig notification at:

6 Wests Road, Maribyrnong, VIC 3032			
Side of Street :		Private/Road/Both :	B
Map Type :	Melways	Map Reference :	27J9

DBYD Message - Not Supplied

**Attached to this response are the following documents:**

Attached documents - 3 page cover letter and dig site map/s

**Comments & Plans:**

**JDD045, JDC045, FE88, YE05, RED747, XB79**

# **Jemena Electricity Networks (Vic) Ltd. Underground Cable Location**

## **Details - Assets Affected**

**SEQUENCE NUMBER :** 44450826

**DATE OF ISSUE :** 19/03/2015

**NOTE:** Other Utilities may have electrical assets in the vicinity of your work about which we have no information. This office does not usually have plans of privately owned cables on private property. Your attention is expressly drawn to the information and disclaimers below and '**The Conditions for Working in the Vicinity of Underground Cables**' attached.

1. Jemena Electricity Networks (Vic) Ltd. takes all reasonable care in providing details of its cables, however, due to the nature of underground cables and the age of some cables and records, it is impossible to conclusively ascertain the location of all cables. The accuracy and/or completeness of the information cannot be guaranteed and, accordingly, is intended to be indicative only. Information should not be solely relied upon when undertaking underground works.

2. Due to the inherent dangers associated with excavation in the vicinity of underground cables, precautions should be taken in the undertaking of any underground works, including (but not limited to) the following:

- All excavation sites should be examined visually for underground cables by careful hand excavation. Cable cover slabs if present must not be disturbed;
- Particular attention should be paid to areas surrounding Pole type Substations, High Voltage Switches and Kiosk Substations as there are often unrecorded earth wires buried in the vicinity;
- If any undisclosed underground cables are located, Jemena Electricity Networks (Vic) Ltd. should be notified immediately on telephone 131 626
- All personnel must be properly briefed, particularly those associated with the use of earth moving equipment, trenching, boring and pneumatic equipment &;
- & All work must be undertaken in accordance with the Electricity Safety Act 1998 and the Electricity Safety (Network Assets) Regulations 1999.

3. Except to the extent that liability may not be capable of lawful exclusion, Jemena Electricity Networks (Vic) Ltd. and its servants and agents shall be under no liability whatsoever to any person for 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. For the purposes of this condition, Jemena Electricity Networks (Vic) Ltd. has contracted on behalf of its servants and agents.

4. Except as expressly provided to the contrary in this information sheet or the attached Plans, all terms, conditions, warranties, undertakings or representations (whether expressed or implied) are excluded to the fullest extent permitted by law.

5. Any information provided is valid only for 28 days from the date of issue.

### **OVERHEAD NO GO ZONES**

If any overhead powerlines are near your proposed work, will your equipment intrude into a NO GO Zone?

If the answer is YES, or you are NOT SURE, then please phone **131 626** to discuss No Go Zone matters.

Further information concerning NO Go Zones may be obtained from  
[www.ocei.vic.gov.au/industry/ngzone.html](http://www.ocei.vic.gov.au/industry/ngzone.html)

## **CONDITIONS FOR WORKING IN THE VICINITY OF UNDERGROUND CABLES**

SEQUENCE NUMBER : 44450826

DATE OF ISSUE : 19/03/2015

Before work commences, you must follow the NO GO ZONE safety procedures. See website [www.workcover.com.au](http://www.workcover.com.au)

### **Protective Covers**

Our electrical cables usually have protective covers of;

1. Concrete or PVC cover slabs;
2. PVC, A.C. or galvanised iron pipe;
3. Concrete encased PVC pipe;
4. Thin Plastic marker tape; or
5. Wooden troughing;

Note: Some cables are known to be buried without protection.

To assist in the identification of an underground cable, some installations have marker tape installed above the cover slab or conduit protecting the cable. You must not rely on marker tape as a test for existence of underground cables.

### **Location of Cable(s)**

All reasonable care is taken to ensure that the location and level of cable(s) shown on our office drawing/s is correct at the time of installation, however, reference points may change and therefore proving of the cable(s) is essential when working in close proximity to them.

### **Excavating parallel to Cable(s)**

Generally there is no restriction to excavating parallel to our cable(s) to a depth not exceeding that of the cable. When proposed excavations are within 500mm of our cable(s), trial holes shall be hand dug at regular intervals to prove the actual locations of the cable(s).

If excavation is to exceed the depth of the cable(s) and it is likely that the protective covers or the bedding material around the cable(s) may be disturbed, then our office shall be informed.

### **Excavating across Cable(s)**

It is essential that the location of cable(s) is proven by careful hand digging before using mechanical excavating machinery within 500mm of the cable(s).

A Minimum clearance of 300mm above from a cable shall be maintained.

If the width or depth of the excavation is such that the cable(s) will be exposed, our office shall be contacted to determine whether the cable(s) should be taken out of service, or whether they need to be protected or supported.

In no case shall a cable protective cover be removed without approval.

A cable protective cover may only be replaced under the supervision of our Supervisor.

### **Heavy Machinery Operating over Cable(s)**

Where heavy "Crawler" or "Vibration" type machinery is operated over the top of cable(s), a minimum cover of 1000mm to the cable protective cover must be maintained whilst the machinery is in operation.

### **Boring**

Where it is required to bore across the line of the cable(s), the actual location of the cable(s) shall be first proven by hand digging.

A trench shall be dug one metre from the side of the cable(s) which the auger will approach, to ensure a minimum clearance of 150mm can be maintained.

### **Explosives**

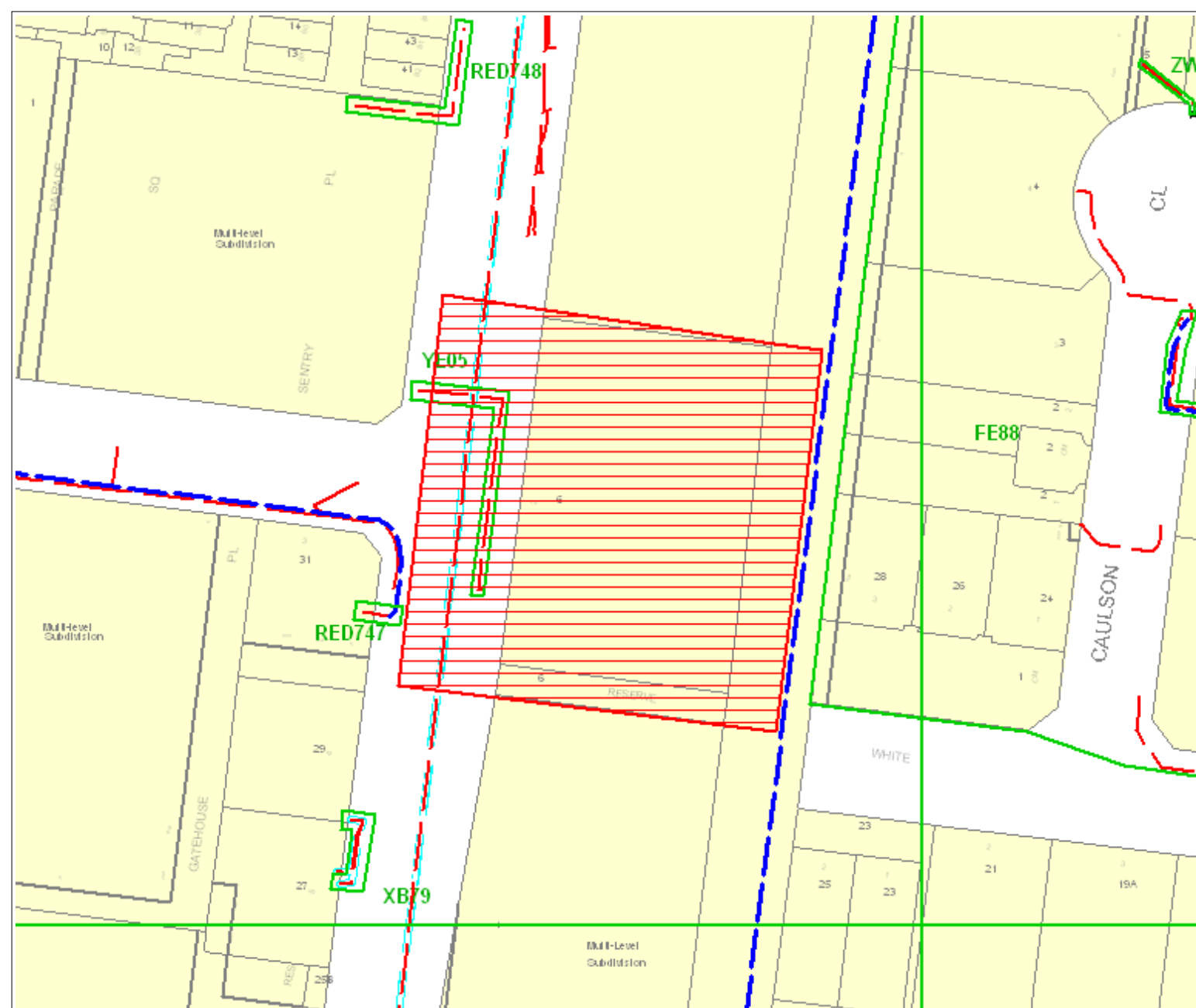
The use of explosives within 3.0 metres of a cable(s) is not allowed.


### **Regulations**


All work must be undertaken in accordance with the Electricity Safety (Network Assets) Regulations 1999.


### **Alteration of Levels**


If it is desired to increase or decrease ground levels above our cables, please contact our office before the project commences to seek our approval.




High Voltage Cable 


Low Voltage Cable 

Fibre Optic Cable 

Conduit 

Pole 

Supply Pit 

Underground Plan Extends Reference 



Underground Plan Number **ZG28**


Asset Number **A000001**


Street Name **King William**


Street Address **34**

Property Title 

Road Reserve **King William** 

Point that represents the digsite. 

Line that represents the digsite.  
ie Trench, Underroad Bore. 

Area that represents the digsite. 

**Assets Affected**

**Sequence Number: 44450826**

**Location: 6 Wests Road**

**If this response does not display your intended dig site please inquire again**

**Scale: 1:1000**  
**Printed On: 19/03/2015**

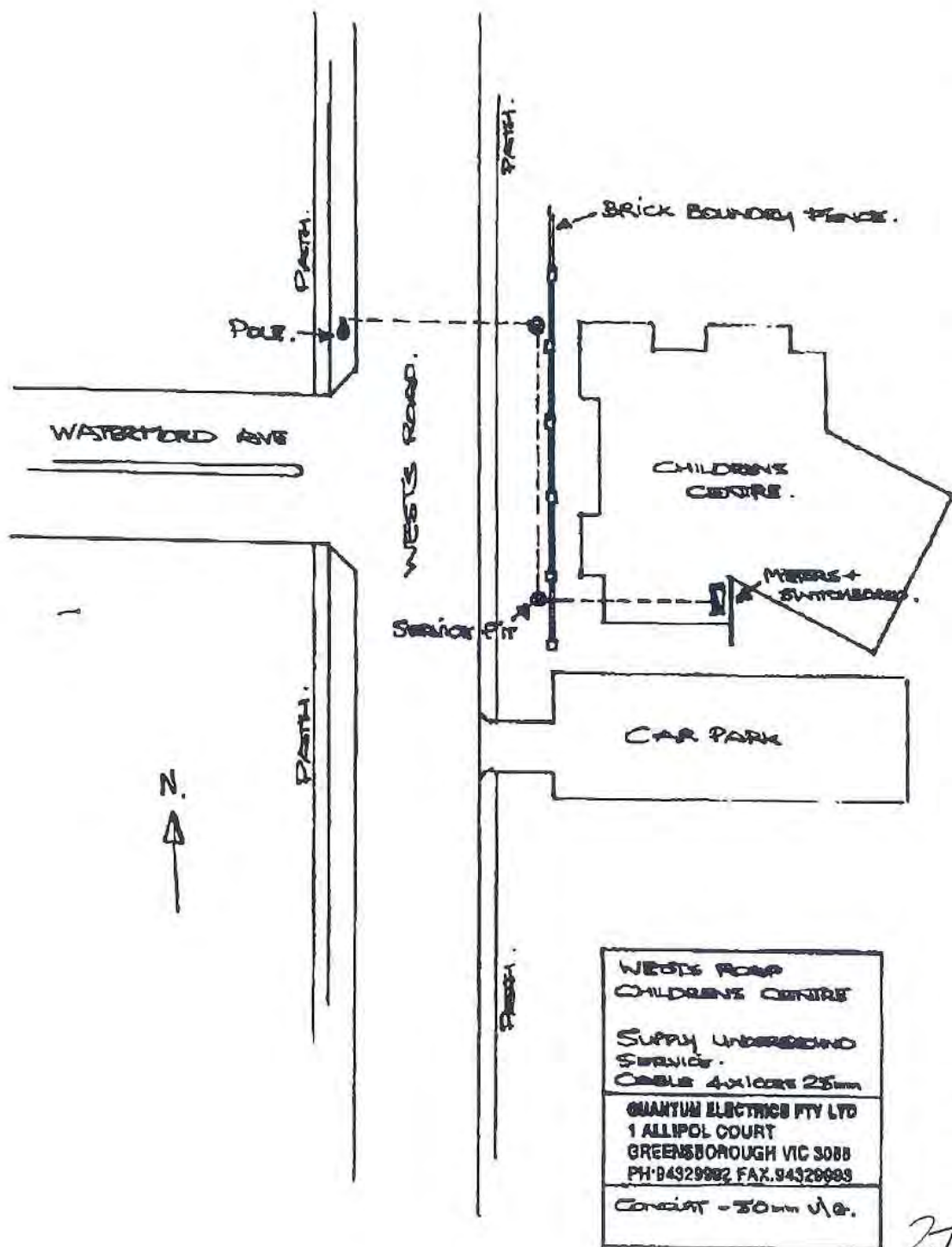


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FAX NO. 61392015870

P. 02



27 J: 4

YEO5

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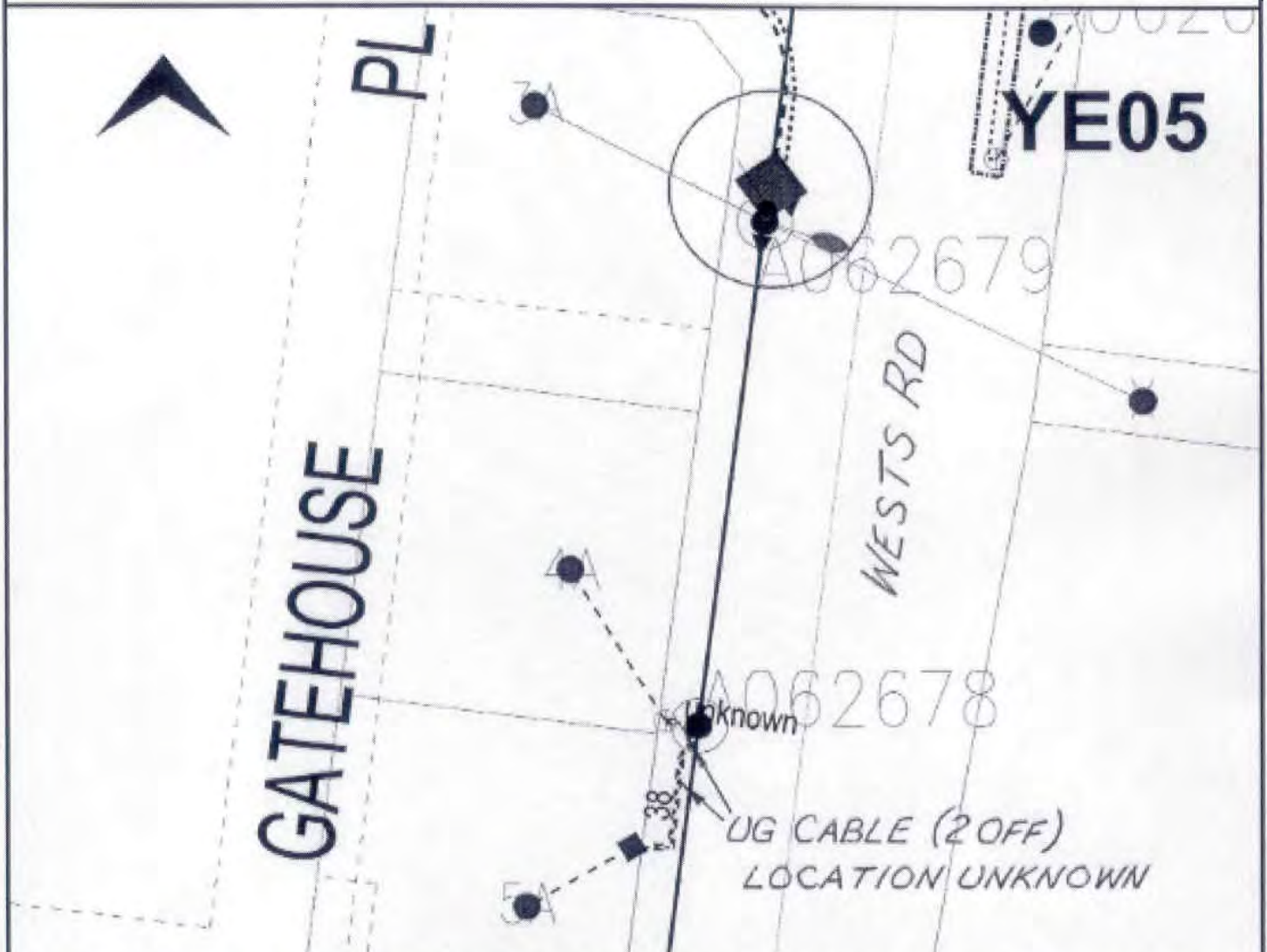
PAGE 002



# RECORD OF INSTALLATION OF UNDERGROUND SERVICE CABLE

## Job Address:

Lot \_\_\_\_\_ House No 44 & 5A Street Name WESTS RD Melway Ref 27 J:9  
 REC/Company Name \_\_\_\_\_ Address \_\_\_\_\_ Suburb MARIBYRNONG  
 Date Installed \_\_\_\_\_ Signature \_\_\_\_\_ Phone \_\_\_\_\_  
 REC No. \_\_\_\_\_



Plan must clearly show Right Angled offset from property boundary, Length of cable runs, Depth of cable, footpaths, kerbs and Name of and Distance from nearest Intersecting Street.

## Cable Size :

Conductor Area : \_\_\_\_\_ mm Type of Cable \_\_\_\_\_ Conductor Material \_\_\_\_\_  
 No. of Conductors (INCLUDE NEUTRAL): \_\_\_\_\_ Mechanical Protection: YES ☐ NO ☐ Type of Protection: \_\_\_\_\_  
 If Conduit, what is the SIZE: \_\_\_\_\_

PLEASE RETURN TO :

NEW CONNECTIONS.

34 KING WILLIAM ST, BROADMEADOWS

XB79





31 WESTS ROAD, MARIBYRNONG

A4\_landscape\_plot.JEN

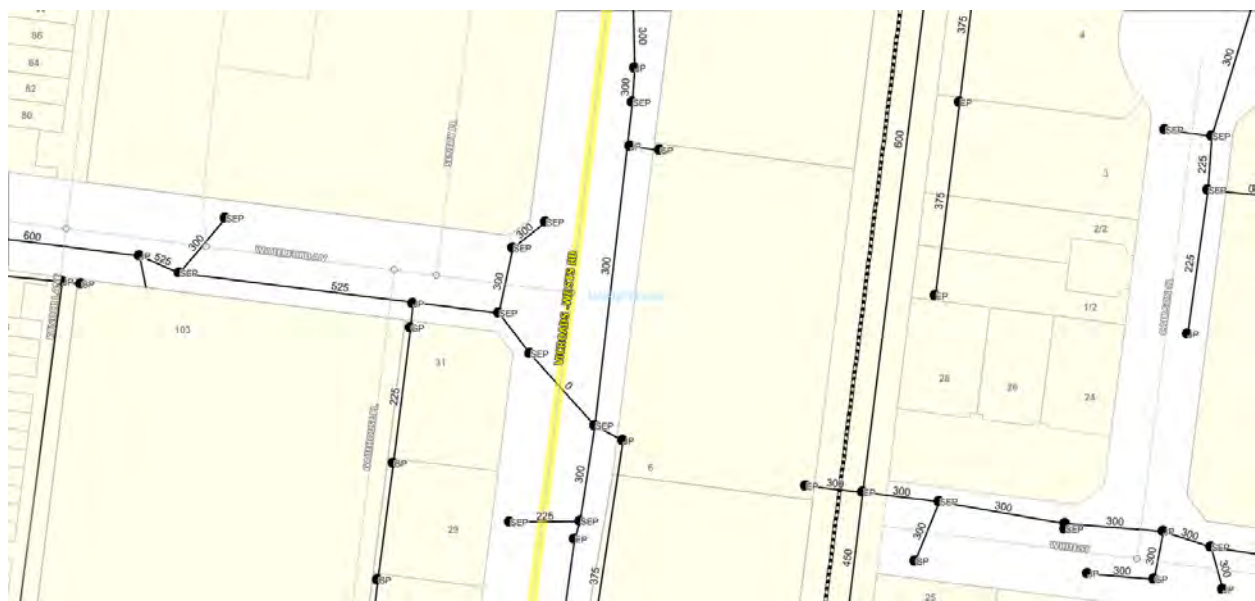
Jemena Electricity Networks (Vic) Ltd (JEN)  
ABN 82 064 651 083  
321 Ferntree Gully Road, Mt Waverley VIC 3149  
GPO Box 2982, Melbourne VIC 3001  
[www.jemena.com.au](http://www.jemena.com.au)

MELWAYS REF: 27 J9  
Title: 31 WESTS ROAD, MARIBYRNONG



Plotted By : Simon Bond  
Date Plotted : 18/06/2014

Route of cable unknown. The information in this plan is representative only and should not be used or relied upon for the purpose of determining the location of an asset



Legend:

JP – Junction Pit

SEP – Site Entry Pit

EP – Easement Pit

GP – Grated Pit (inside property)

Black/White patterned line – Tram line

17/03/2015

Ms Lily Shen  
k20 Architecture  
325 Coventry  
South Melbourne, VIC 3205

Dear Ms Lily Shen,

**Re: Dial Before You Dig – Sequence No. 44450831**

Location Details -  
Address: 6 Wests Road, Maribyrnong, VIC 3032  
Map Ref: 27J9  
Activity: Vertical Boring  
Commencement Date: 20/03/2015 12:00:00 AM

Attached are plans showing Melbourne Water's assets in relation to the area of your enquiry. Melbourne Water's records indicate that there ARE underground assets in the vicinity of the above enquiry area.

**Please note, the attached plans do not constitute approval from Melbourne Water.**

If there are **transmission problems**, please call **Colin Loft on 9679 7589**.

For **detailed asset locations**, please call **Colin Loft on 9679 7589** allowing **at least 2 business days** for detailed plans to be provided.

If planning to undertake work over, under or near any Melbourne Water asset please contact the **Asset Services team** on **9679 6614** or at <http://melbournewater.com.au/constructingnearassets> **at least 14 days prior** to the **commencement of any work**.

Melbourne Water Corporation (MWC) shall not be responsible or otherwise liable in anyway for loss of any kind including, without limiting the generality of the foregoing damages, costs, interest, loss of profits or special loss or damage arising from any error, inaccuracy, incompleteness or other defect in this information.

By receiving and accepting this information the recipient acknowledges that Melbourne Water Corporation makes no representation as to the accuracy or completeness of this information. The exact location of Melbourne Water Corporation's assets as set out in this information should be confirmed on site by the recipient prior to the commencement of work.

**Please Note: Due to ongoing potential asset changes the attached plan/s is/are valid for 28 days from the date of issue. After that period the plan/s should not be used, rather a new plan should be obtained. Warning: Pipelines (including coating) may contain asbestos material. Please ensure appropriate safety procedures are used.**

Melbourne Water Corporation provides wholesale Water Supply and Sewerage services to City West Water, South East Water and Yarra Valley Water, who in turn provide local residents with Water Supply and Sewerage services. MWC, in conjunction with Local Government, manage Melbourne's drainage infrastructure. Local councils maintain the local drainage infrastructure, while MWC provides the major infrastructure. The attached plans only show MWC's assets and not all Water Supply, Sewerage and Drainage pipelines.

For location of local Water Supply and Sewer pipelines please contact:

**City West Water**      **13 26 42**  
**South East Water**   **9552 3770**  
**Yarra Valley Water**   **13 16 95**

For location of local Drainage pipelines please contact the relevant Council.



Melbourne Water Corporation  
Address: 990 La Trobe Street, Docklands  
Postal Address: PO Box 4342, Melbourne, VIC 3001  
T (VIC): 131 722  
T (AUS): (03) 9679 7100  
F: (+61-3) 9679 7200





## Utility Installation Near Melbourne Water Assets Guide

### Who do I contact?

This brochure is a general guide. Not all structures have been listed in this brochure. Please contact Melbourne Water - Asset Services for further information regarding structure requirements, build-over agreements and conditions. Applications can be posted to:

Postal address:  
Asset Services  
Melbourne Water Corporation  
PO Box 4342 Melbourne Victoria 3001

Email address:  
[assetservices@melbournewater.com.au](mailto:assetservices@melbournewater.com.au)

Web Site:  
[www.melbournewater.com.au](http://www.melbournewater.com.au)

General Melbourne Water Enquiries 131722

Asset Services Enquiries 9235 1414

Version 2: June 2009

# Melbourne Water must give approval before any installation of utilities or excavation occurs.

## Quick tip:

For information on underground assets, please call Dial Before You Dig on **1100**

## Utility Installation

This brochure is a general guide when considering utility installations aligned across or parallel to a Melbourne Water asset. Melbourne Water assets include:

- Sewage pipes
- Stormwater/drainage pipes
- Water mains
- Natural and artificial channels

**Before any installation or excavation occurs Melbourne Water approval is required.** This enables consent to be given for the proposed works while protecting Melbourne Water's continuous rights of access.

**Detailed plans and a formal application must be submitted to Melbourne Water for investigation.**

## Clearance Requirements

All clearances are measured from the exterior surfaces of pipe/channel walls, not centrelines or inner wall surfaces. Vertical clearances for natural streams are measured from the base of the hard invert level. Clearance requirements are set considering method of installation, soil conditions, asset type, size and age.

## Please Note

Separate clearance guidelines are followed for property development structures and tree planting near Melbourne Water assets.

## Underground Assets

**Open Cut** - Involves excavating soil to form a trench, enabling new infrastructure to be laid/ repaired/ removed, and is then backfilled. General Melbourne Water requirements are:

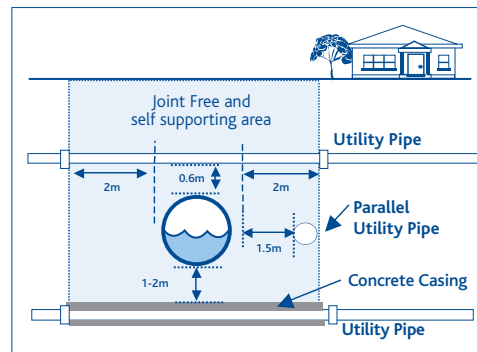
- A **1.0 metre** minimum vertical clearance between the utility and asset
- Concrete cut-offs must be constructed
- Soil compaction to 95% - 98%
- Ground surface to be returned to original condition as per Melbourne Water requirements

## Passing over pipes

- Any utility must be self-supporting in the event maintenance is undertaken on the Melbourne Water asset
- Minimum vertical clearance of **0.6 metres** above asset
- No joints to be located within **2.0 metres** of the asset (must be outside the joint free area refer to diagram).

## Passing under pipes

- Must be cased in concrete or similar protective material
- Must have a minimum clearance of **1.0m for open cut and 2.0m for boring** installation methods
- No joints to be located within **2.0 metres** of the asset (must be outside the joint free area refer to diagram)



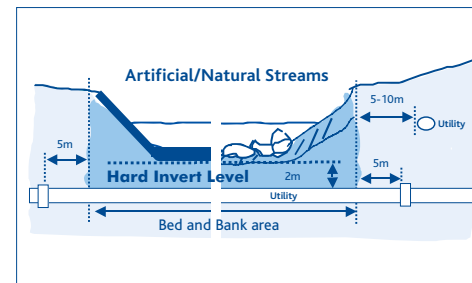
## Waterways and Constructed Channels

**Boring** - Involves a small tunnel being drilled through soil enabling new infrastructure to be laid. General Melbourne Water requirements are:

- For all waterways boring is the preferred method\*
- Engineering calculations must be supplied to confirm no soil up thrust/down thrust occurs.
- No settlement is to occur following installation - air pockets are to be avoided.
- Must have a minimum vertical clearance of **2.0 metres**, measured from the hard invert level of the bed of the waterway/channel.
- Manholes/parallel utilities require a horizontal clearance of **5-10 metres** from the bed and bank area for future channel/waterway works or maintenance.
- No joints are permitted under the channel/waterway or within **5.0 metres** from the bed and bank area.
- Developer/Contractor must investigate and ensure legal requirements are met regarding significant flora, fauna and archaeological sites of significance.
- Disturbance to waterways/land/vegetation will be kept to a minimum and the affected areas replanted/reinstated upon completion of the works.

\*If boring is not possible the following submissions are required to support any altered proposals:

- Geotechnical Survey
- Environmental Report



## Workplace Safety

If utilities are being installed under/near natural or artificial waterways, contractors will be required to address the following issues:

- Method of waterway/stream diversion
- Evacuation procedures for people and machinery in the event of heavy rainfall or flooding
- Compliance with Victorian Workcover Authority requirements.

## Application Submissions

All utility installation applications should include the following information:

- Property address and location
- Proposed works and specifications
- Alignment/location of works
- Dimensions and clearances
- Method of installation
- Survey plans of the property
- Workplace safety requirements if applicable

Utility installation submissions will attract a standard application fee.

Please note: This does not preclude the need to obtain other relevant approvals and operation of other legislations, eg: SBO, LSI0.

## Contacts and Queries

This brochure is a general guide for utility installation only. **Melbourne Water approval must be acquired before any excavation or installation occurs.**



## Build Over Guide

### Who do I contact?

This brochure is a general guide. Not all structures have been listed in this brochure. Please contact Melbourne Water - Asset Services for further information regarding structure requirements, build-over agreements and conditions. Applications can be posted to:

Postal address:

Asset Services

Melbourne Water Corporation

PO Box 4342 Melbourne Victoria 3001

Email address:

[assetservices@melbournewater.com.au](mailto:assetservices@melbournewater.com.au)

Web Site:

[www.melbournewater.com.au](http://www.melbournewater.com.au)

General Melbourne Water Enquiries 131722

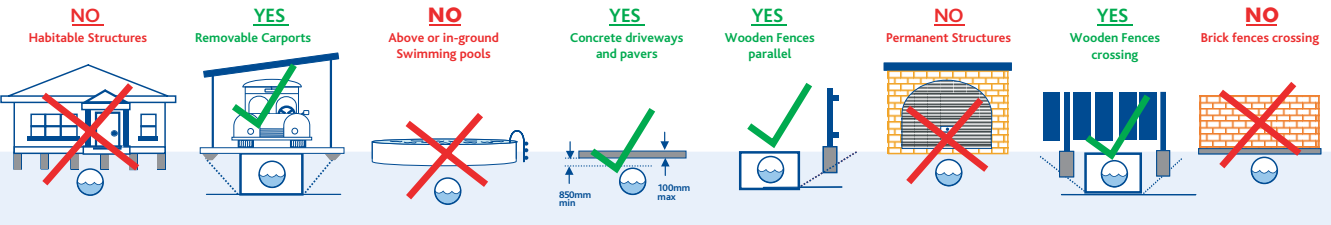
Asset Services Enquiries 9235 1414

Version 2: June 2009



Melbourne Water must give consent for any structure to be built over or near any of its underground assets or easements.

Quick tip:  
For informaion on underground assets, please call  
Dial Before You Dig on  
1100



What is a Build Over?

A build over is when a property owner plans to build near, on or above an easement, pipe or other asset\* controlled by Melbourne Water. A legally binding Build Over Agreement is entered into by Melbourne Water and the property owner giving consent for the structure to be built, yet protecting Melbourne Water’s continuous rights of access.

\*Assets include:

- Easements
- Sewage pipes
- Drainage pipes and Channels
- Water mains
- Access pits/Man holes.

Melbourne Water must protect its rights of access to ensure it is able to fulfil its statutory obligations relating to the installation and maintenance of assets.

For any new subdivision, Melbourne Water will seek as a minimum to have a 6m easement located centrally over the asset.

Each build over application is considered on a case-by-case basis, as there are a number of factors that may effect each proposal:

- Ground conditions
- Pipe: type, size, condition, age
- Proposed structure clearance
- Foundation clearance
- Overland flow path
- Load impacts on assets

General Structure Requirements (Residential Purposes)

- No private underground services are to be laid within an easement. However, consideration may be given to services crossing the asset.
- A horizontal clearance of a minimum 5 metres is required if a structure is adjacent to a drainage channel.
- No structure must place additional load on the asset. For all structures the depth of the footings must be adequate to satisfy the angle of repose relative to the asset. Refer over page.
- Setback of buildings (including footings and eaves) shall be the greater of the following criteria:
  - Must be set outside the easement, or
  - A minimum offset of 5 metres horizontally clear of the outside edge of the assets.<sup>1</sup> (Under section 148 Water Act)
- A horizontal clearance of **2 metres** is required for utility services adjacent to a Melbourne Water access pit
- Small sheds proposed with maximum floor area within the easement less than 4m² will be considered, dependant on overland flow requirements
- A minimum soil cover of 850mm must be maintained over the asset.
- Acceptable hardstand areas are new Bubbulle pavers set on a sand and crushed rock base, or
- Concrete driveways (domestic) not exceeding a 100mm thickness.

Approval will not be granted if the proposed structure obstructs overland flow. Guidelines for development in flood prone areas can be found at [melbournewater.com.au](http://melbournewater.com.au)

Industrial/Commercial Property

- No building/structure will be considered within any easement or 5 metres either side of Melbourne Water’s asset.

Utility Installation

Separate conditions are applicable for utility cables/pipe installations near, or crossing Melbourne Water assets/ easements. Refer to Melbourne Water’s Utilities Installation Brochure or contact Melbourne Water – Land Management for further information.

Build over application

Any submitted build over applications should include the following information:

- Completed build over application form\*
- Structure type and specifications
- Structure location within the property
- General dimensions and clearances
- Footing details (type/depth etc)
- Survey plans of the property

Build over submissions will attract a standard application fee.

\*Build over application forms can be found at [melbournewater.com.au](http://melbournewater.com.au)

<sup>1</sup> For site specific restrictions, case by case will be considered.

What Needs Approval?

All structures to be built/dismantled near a Melbourne Water asset require Melbourne Water’s approval and consent. Examples of structures that require approval include:

- Sheds
- Swimming Pools
- Gazebo/Decking/Verandas
- Landscaping/Excavating
- Tree planting/removal
- Fences
- Garages
- Car Ports
- Driveways
- Houses/extensions
- Demolition and Earthworks
- Any type of structure/works

Please note: This does not preclude the need to obtain other relevant approvals and operation of other legislations, eg: SBO, LSIO.

Structures Near Assets

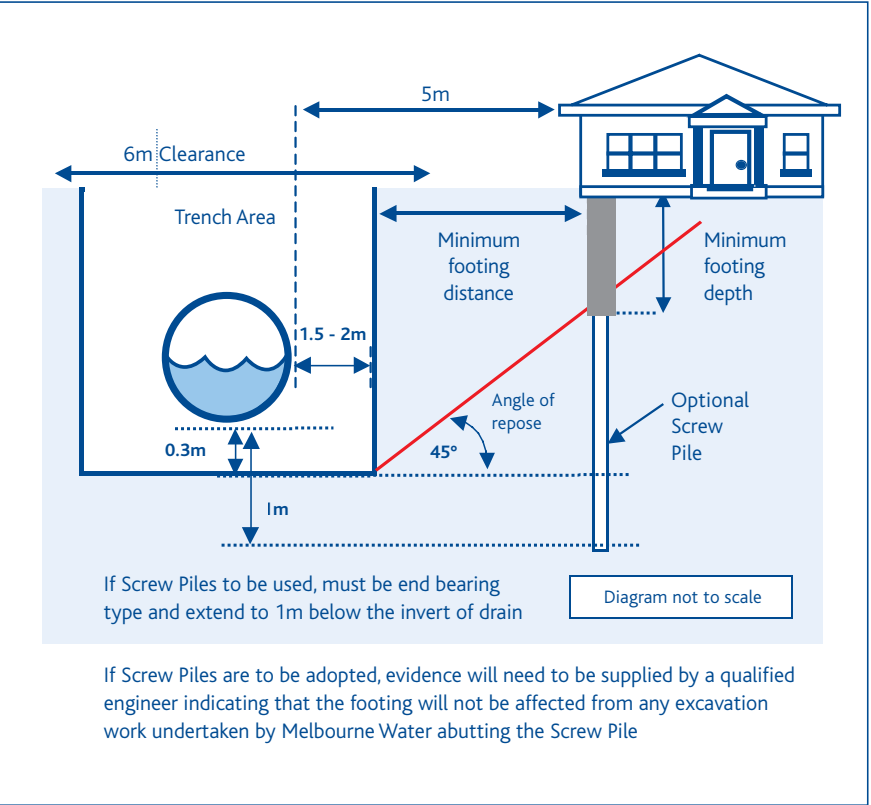
Structures built near assets are required to meet Melbourne Water’s foundation criteria and overland flow path standard clearance requirements to ensure the safety of the proposed structures and existing pipe networks.

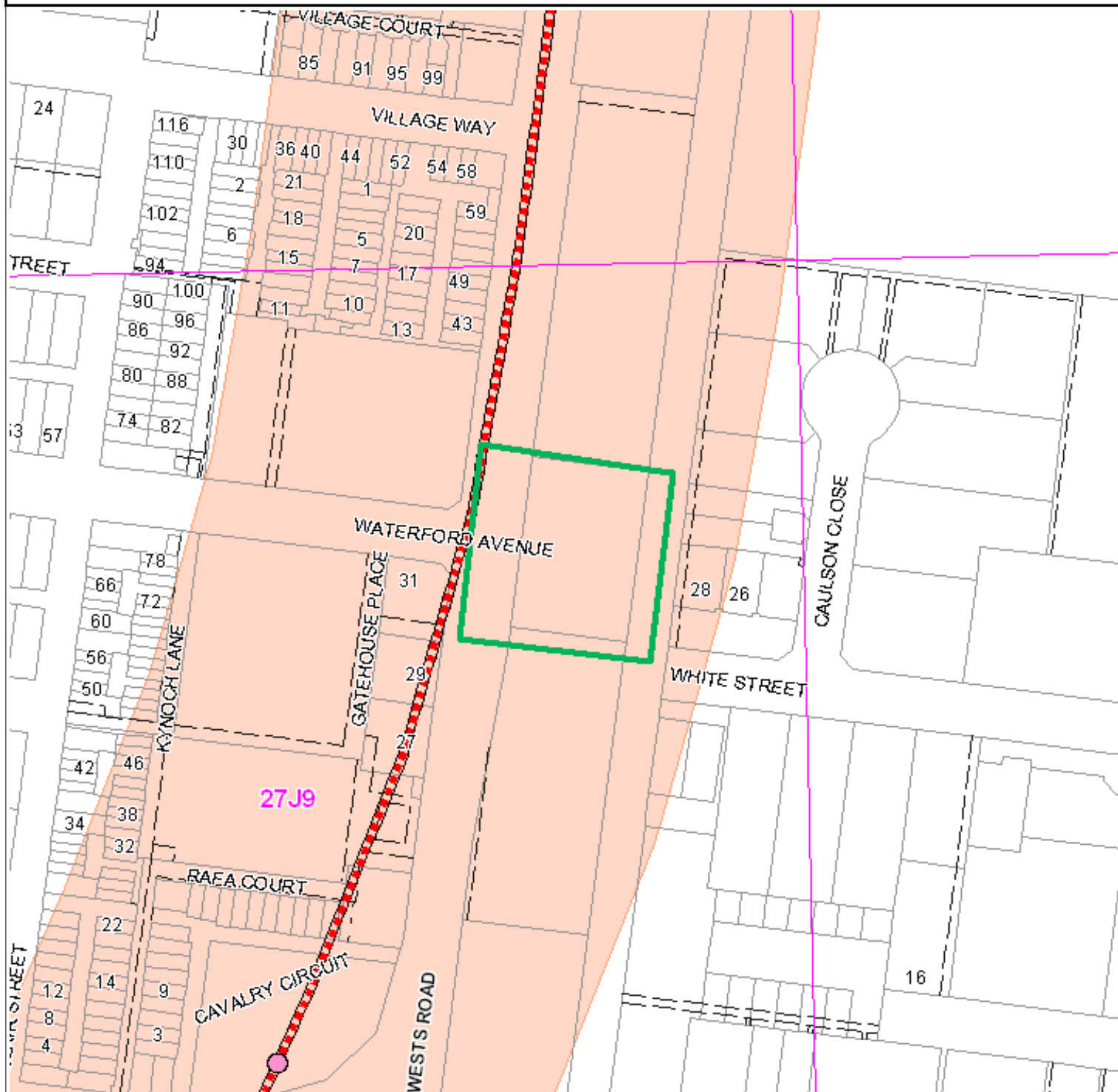
Structures on or above assets

Generally structures are not permitted over Melbourne Water assets, however some structures may be approved if minimum clearance conditions are met, the structure is non-permanent and can be fully removed. Eaves and overhangs are not permitted.

Angle of Repose

The below diagram shows how to calculate minimum footing depth and footing distance. Footings must meet or exceed these minimum requirements.





Address: 6 Wests Road, Maribyrnong, VIC, 3032

Map Ref: Melways 27J9

Date Supplied: 17/03/2015

1:2000



Sewer main



Abandoned sewer main



Sewer buffer

Please contact the Melbourne Water Asset Services team on 9679 6614 if proposed works are to be undertaken within the shaded area



Area of interest



Easement



Property boundary



House number unknown

345F4

VicRoads map reference

27D4

Melway map reference



**Network Operations– Asset Analysis**  
Unit 9, 677 Springvale Road  
Mulgrave, Victoria, 3178

Date: 17/03/2015  
To: Ms Lily Shen  
Company:  
Address: 325 Coventry  
South Melbourne, VIC 3205

#### **ENQUIRY DETAILS**

Location: 6 Wests Road, Maribyrnong, VIC 3032  
Sequence No.: 44450828  
DBYD Reference: 8950692

In relation to your enquiry of the above address, Optus advises as follows:

**The records of Optus disclose that there ARE underground FIBRE OPTIC TELECOMMUNICATIONS cables in the vicinity of the above enquiry as per the attached plan(s). This reply is valid for a period of 30 days from the date above.**

#### **IMPORTANT INFORMATION**

Drawings and Plans provided by Optus are reference diagrams which were correct at the time the asset was built. Exact ground cover and alignments cannot be provided with any certainty as these may alter over time. Depths of Telecommunications plant vary considerably as do alignments. It is essential to uncover the asset and positively identify the assets exact location.

Optus plans are provided as a guide only and the completeness of the information cannot be guaranteed.

#### **“DUTY OF CARE”**

When working in the vicinity of Telecommunications plant you have a legal “Duty of Care” that must be observed.

It is the responsibility of the owner and any consultant engaged by the owner, including an architect, consulting engineer, developer and head contractor to design for minimal impact to Optus plant. Optus will provide assistance at this design stage through the provision of plans and sketches or consultation.

It is the owner’s (or constructor’s) responsibility to:-

- a) Request plans of Optus plant for a particular location at a reasonable time before construction begins. If you have doubts about the presence of Optus assets we strongly recommend that you engage an Optus Accredited plant locator.
- b) Visually locate Optus plant by hand digging or using non-destructive water jet method where construction activities may damage or interfere with Optus plant
- c) Contact Optus Network Operations – Asset Analyst (details below) if Optus plant is wholly or partly located near construction activities



## CRIMINAL CODE ACT 1995

The following is an extract from the Criminal Code Act 1995 and is applicable to Optus plant

### **Chapter 10** National infrastructure

#### **Part 10.6** Telecommunications Services

#### **Division 474** Telecommunications offences

#### **Sect 474.6** Interference with facilities

- 1) A person is guilty of an offence if the person tampers with, or interferes with, a facility owned or operated by:
  - (a) a carrier; or
  - (b) a carriage service provider; or
  - (c) a nominated carrier.

Penalty: Imprisonment for 1 year.

- 2) For the purposes of an offence against subsection (1), absolute liability applies to the physical element of circumstance of the offence, that the facility is owned or operated by a carrier, a carriage service provider or a nominated carrier.
- 3) A person is guilty of an offence if:
  - (a) the person tampers with, or interferes with, a facility owned or operated by:
    - i.a carrier; or
    - ii.a carriage service provider; or
    - iii.a nominated carrier; and
  - (b) this conduct results in hindering the normal operation of a carriage service supplied by a carriage service provider.

Penalty: Imprisonment for 2 years.

- 4) For the purposes of an offence against subsection (3), absolute liability applies to the following physical elements of circumstance of the offence:
  - (a) that the facility is owned or operated by a carrier, a carriage service provider or a nominated carrier;
  - (b) that the carriage service is supplied by a carriage service provider.
- 5) A person is guilty of an offence if:
  - (a) the person uses or operates any apparatus or device (whether or not it is comprised in, connected to or used in connection with a telecommunications network); and
  - (b) this conduct results in hindering the normal operation of a carriage service supplied by a carriage service provider.

Penalty: Imprisonment for 2 years.

## **DAMAGE**

### **ANY DAMAGE TO OPTUS NETWORK MUST BE REPORTED TO 1800 500 253 IMMEDIATELY**

The owner is responsible for all plant damage when works commence prior to obtaining Optus Drawings, or failure to follow instructions.

Optus reserves the right to recover compensation for loss or damage to its cable network and other property including consequential loss

## **ASSET RELOCATIONS**

You are not permitted to relocate or alter any Optus assets or network under any circumstance.

For all enquiries relating to the relocation of Optus assets please email [Fibre.Locations@optus.net.au](mailto:Fibre.Locations@optus.net.au)

## ESSENTIAL PRECAUTIONS AND APPROACH DISTANCES

**Note: If the following clearances cannot be maintained, please contact Optus Network Operations Asset Analysis Team for advice on how to resolve the situation.**

1. On receipt of plans and before commencing excavation work or similar activities near Optus plant, carefully locate the plant first to avoid damage. Engage an Optus accredited locator to undertake exposure of the Optus plant when working within the following approach distances.

Where Optus plant is in an area where road and footpaths are well defined by kerbs or other features a minimum clear distance of 1.0m must be maintained from where it could be reasonably presumed that plant would reside.

In non established or unformed reserves this distance must be at least 3 metres.

In country or rural areas which may have wider variations in reasonably presumed plant presence, the following minimum approach distance applies:

- a) Parallel to plant: 5 metres

**Note: Indicated depths may vary significantly and pot-holing needs to be undertaken within extreme care, commonsense and using techniques least likely to damage cables. Potholing is only to be undertaken by an Optus accredited plant location contractor.**

If construction work is parallel to Optus plant, then careful hand digging or using non destructive water jet method (pot holing) at least every 5m is required to establish the location of the plant, confirming the location of the plant prior to work commencing.

Under no circumstances is crossing of Optus plant to be performed without first exposing the Optus plant and having an Optus representative present onsite.

2. Maintain the following minimum clearance between construction activity and the actual location of Optus plant.

<b>Jackhammers / Pneumatic Breakers</b>	Not within 1.0m of actual location
<b>Vibrating Plate or Wacker Packer Compactor</b>	Not within 0.5m of actual location  300mm compact clearance before compactor can be used across Optus ducts  750mm compact clearance cover before compactor can be used across Optus <i>Direct Buried</i> cable
<b>Boring Equipment (in-line, horizontal and vertical)</b>	Not within 5.0m of actual location without Optus representative onsite  Constructor to hand dig or non-destructive water jet method (pot holing) and expose the Optus plant  Not to cross the Optus plant without first exposing the plant at the crossing point and without Optus representative onsite
<b>Heavy vehicle Traffic (over 3 tonnes)</b>	Not to be driven across Optus ducts or plant with less than 600mm of cover  Depth to be verified via hand digging
<b>Mechanical Excavators, Farm ploughing, Boring, Tree removal, fencing</b>	Not within 1.0m of actual location  Constructor to hand dig or use non-destructive water jet method (pot holing) and expose plant

All Optus pits and manholes should be a minimum of 1.0m in from the back of kerb or within 15m of street intersection after the completion of your work.

All Optus conduit should have the following minimum depth of cover **after the completion of your work:-**

- **Footway                      600mm**
- **Roadway                1000mm at drain invert and at road centre crown**

In cases where it is considered that these clearances cannot be maintained at the completion of works advice is to be sought from the Optus Damages and Relocations Team

## FURTHER ASSISTANCE

Assistance can be obtained by contacting Optus Network Operations Asset Analysis on **1800 505 777**

Where an on-site location is provided, the owner is responsible for all costs associated with hand digging or use of non-destructive water jet method (pot holing) to visually locate and expose Optus plant.

If plant location drawings or visual location of Optus plant by digging reveals that the location of Optus plant is situated wholly or partly where the owner plans to work, then Optus Damages and Relocates Team must be contacted through Optus Network Operations Asset Locations to discuss possible engineering solutions.

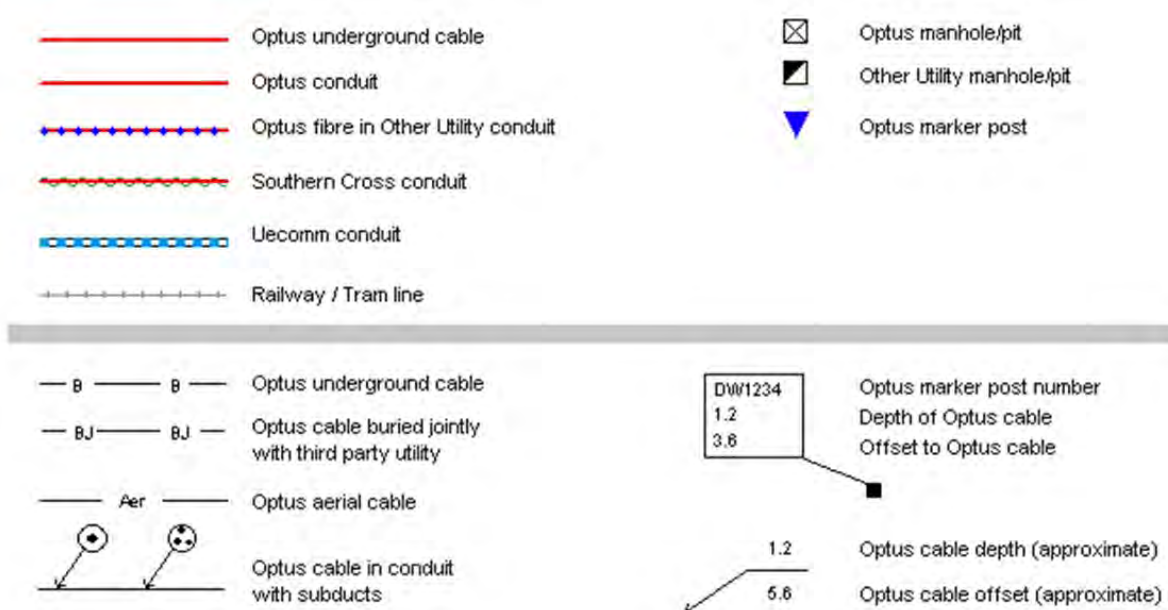
## PRIVATE RESIDENTIAL LANDOWNERS and RURAL LANDOWNERS

Where Optus owned cable crosses private residential property or agricultural land, Optus may provide a once off free onsite electronic cable location. Optus Network Operations Asset Analyst will provide assistance in determining whether a free on-site location is required.

Please note:

- The exact location, including depth of cables can only be verified by pot holing which is not covered under this service
- This service is only available to assist private residential land owners and rural land owners
- The service covers one hour onsite only. Additional time will be charged at the current nominal rate.

## OPTUS ENGINEERING DRAWING SYMBOLS



**Network Operations– Asset Analysis**  
Unit 9, 677 Springvale Road  
Mulgrave, Victoria, 3178

Date: 17/03/2015  
To: Ms Lily Shen  
Company:  
Address: 325 Coventry  
South Melbourne, VIC 3205

#### **ENQUIRY DETAILS**

Location: 6 Wests Road, Maribyrnong, VIC 3032  
Sequence No.: 44450828  
DBYD Reference: 8950692

In relation to your enquiry of the above address, Optus advises as follows:

**The records of Optus disclose that there ARE underground Optus FIBRE OPTIC TELECOMMUNICATIONS cables in the vicinity of the above enquiry as per the attached plan(s).**

**PLEASE NOTE THAT THE CABLES POTENTIALLY IMPACTED ARE OF NATIONAL SIGNIFICANCE with the potential to significantly disrupt communications in Australia if damaged.**

**This reply is valid for a period of 30 days from the date above.**

#### **IMPORTANT INFORMATION**

Drawings and Plans provided by Optus are reference diagrams which were correct at the time the asset was built. Exact ground cover and alignments cannot be provided with any certainty as these may alter over time. Depths of Telecommunications plant vary considerably as do alignments. It is essential to uncover the asset and positively identify the assets exact location.

Optus plans are provided as a guide only and the completeness of the information cannot be guaranteed.

#### **“DUTY OF CARE”**

When working in the vicinity of Telecommunications plant you have a legal “Duty of Care” that must be observed.

It is the responsibility of the owner and any consultant engaged by the owner, including an architect, consulting engineer, developer and head contractor to design for minimal impact to Optus plant. Optus will provide assistance at this design stage through the provision of plans and sketches or consultation.

It is the owner’s (or constructor’s) responsibility to:-

- a) Request plans of Optus plant for a particular location at a reasonable time before construction begins. If you have doubts about the presence of Optus assets we strongly recommend that you engage an Optus Accredited plant locator.
- b) Visually locate Optus plant by hand digging or using non-destructive water jet method where construction activities may damage or interfere with Optus plant
- c) Contact Optus Network Operations – Asset Analyst (details below) if Optus plant is wholly or partly located near construction activities

## **CRIMINAL CODE ACT 1995**

The following is an extract from the Criminal Code Act 1995 and is applicable to Optus plant

### **Chapter 10** National infrastructure

#### **Part 10.6** Telecommunications Services

#### **Division 474** Telecommunications offences

#### **Sect 474.6** Interference with facilities

- 1) A person is guilty of an offence if the person tampers with, or interferes with, a facility owned or operated by:
  - (a) a carrier; or
  - (b) a carriage service provider; or
  - (c) a nominated carrier.

Penalty: Imprisonment for 1 year.

- 2) For the purposes of an offence against subsection (1), absolute liability applies to the physical element of circumstance of the offence, that the facility is owned or operated by a carrier, a carriage service provider or a nominated carrier.
- 3) A person is guilty of an offence if:
  - (a) the person tampers with, or interferes with, a facility owned or operated by:
    - i.a carrier; or
    - ii.a carriage service provider; or
    - iii.a nominated carrier; and
  - (b) this conduct results in hindering the normal operation of a carriage service supplied by a carriage service provider.

Penalty: Imprisonment for 2 years.

- 4) For the purposes of an offence against subsection (3), absolute liability applies to the following physical elements of circumstance of the offence:
  - (a) that the facility is owned or operated by a carrier, a carriage service provider or a nominated carrier;
  - (b) that the carriage service is supplied by a carriage service provider.
- 5) A person is guilty of an offence if:
  - (a) the person uses or operates any apparatus or device (whether or not it is comprised in, connected to or used in connection with a telecommunications network); and
  - (b) this conduct results in hindering the normal operation of a carriage service supplied by a carriage service provider.

Penalty: Imprisonment for 2 years.

## **DAMAGE**

### **ANY DAMAGE TO OPTUS NETWORK MUST BE REPORTED TO 1800 500 253 IMMEDIATELY**

The owner is responsible for all plant damage when works commence prior to obtaining Optus Drawings, or failure to follow instructions.

Optus reserves the right to recover compensation for loss or damage to its cable network and other property including consequential loss

## **ASSET RELOCATIONS**

You are not permitted to relocate or alter any Optus assets or network under any circumstance.

For all enquiries relating to the relocation of Optus assets please email [Fibre.Locations@optus.net.au](mailto:Fibre.Locations@optus.net.au)

## ESSENTIAL PRECAUTIONS AND APPROACH DISTANCES

**Note: If the following clearances cannot be maintained, please contact Optus Network Operations Asset Analysis Team for advice on how to resolve the situation.**

1. On receipt of plans and before commencing excavation work or similar activities near Optus plant, carefully locate the plant first to avoid damage. Engage an Optus accredited locator to undertake exposure of the Optus plant when working within the following approach distances.

Where Optus plant is in an area where road and footpaths are well defined by kerbs or other features a minimum clear distance of 1.0m must be maintained from where it could be reasonably presumed that plant would reside.

In non established or unformed reserves this distance must be at least 3 metres.

In country or rural areas which may have wider variations in reasonably presumed plant presence, the following minimum approach distance applies:

- a) Parallel to plant: 5 metres

**Note: Indicated depths may vary significantly and pot-holing needs to be undertaken within extreme care, commonsense and using techniques least likely to damage cables. Potholing is only to be undertaken by an Optus accredited plant location contractor.**

If construction work is parallel to Optus plant, then careful hand digging or using non destructive water jet method (pot holing) at least every 5m is required to establish the location of the plant, confirming the location of the plant prior to work commencing.

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2. Maintain the following minimum clearance between construction activity and the actual location of Optus plant.

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All Optus pits and manholes should be a minimum of 1.0m in from the back of kerb or within 15m of street intersection after the completion of your work.

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- **Footway                      600mm**
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In cases where it is considered that these clearances cannot be maintained at the completion of works advice is to be sought from the Optus Damages and Relocations Team

## FURTHER ASSISTANCE

Assistance can be obtained by contacting Optus Network Operations Asset Analysis on **1800 505 777**

**Where an on-site location is provided, the owner is responsible for all costs associated with hand digging or use of non-destructive water jet method (pot holing) to visually locate and expose Optus plant.**

If plant location drawings or visual location of Optus plant by digging reveals that the location of Optus plant is situated wholly or partly where the owner plans to work, then Optus Damages and Relocates Team must be contacted through Optus Network Operations Asset Locations to discuss possible engineering solutions.

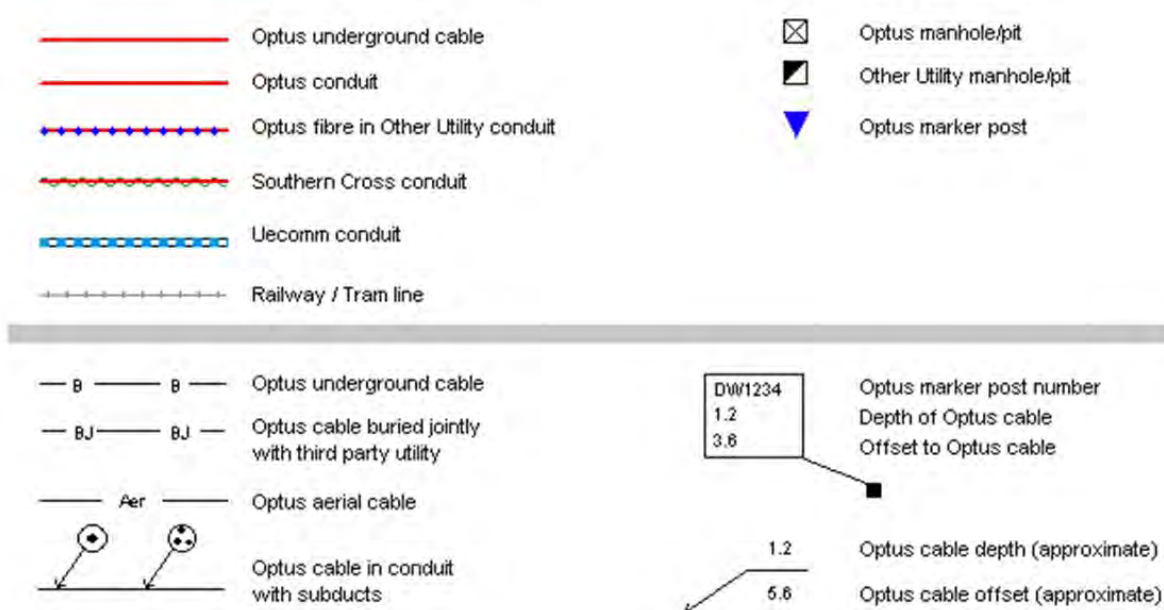
## PRIVATE RESIDENTIAL LANDOWNERS and RURAL LANDOWNERS

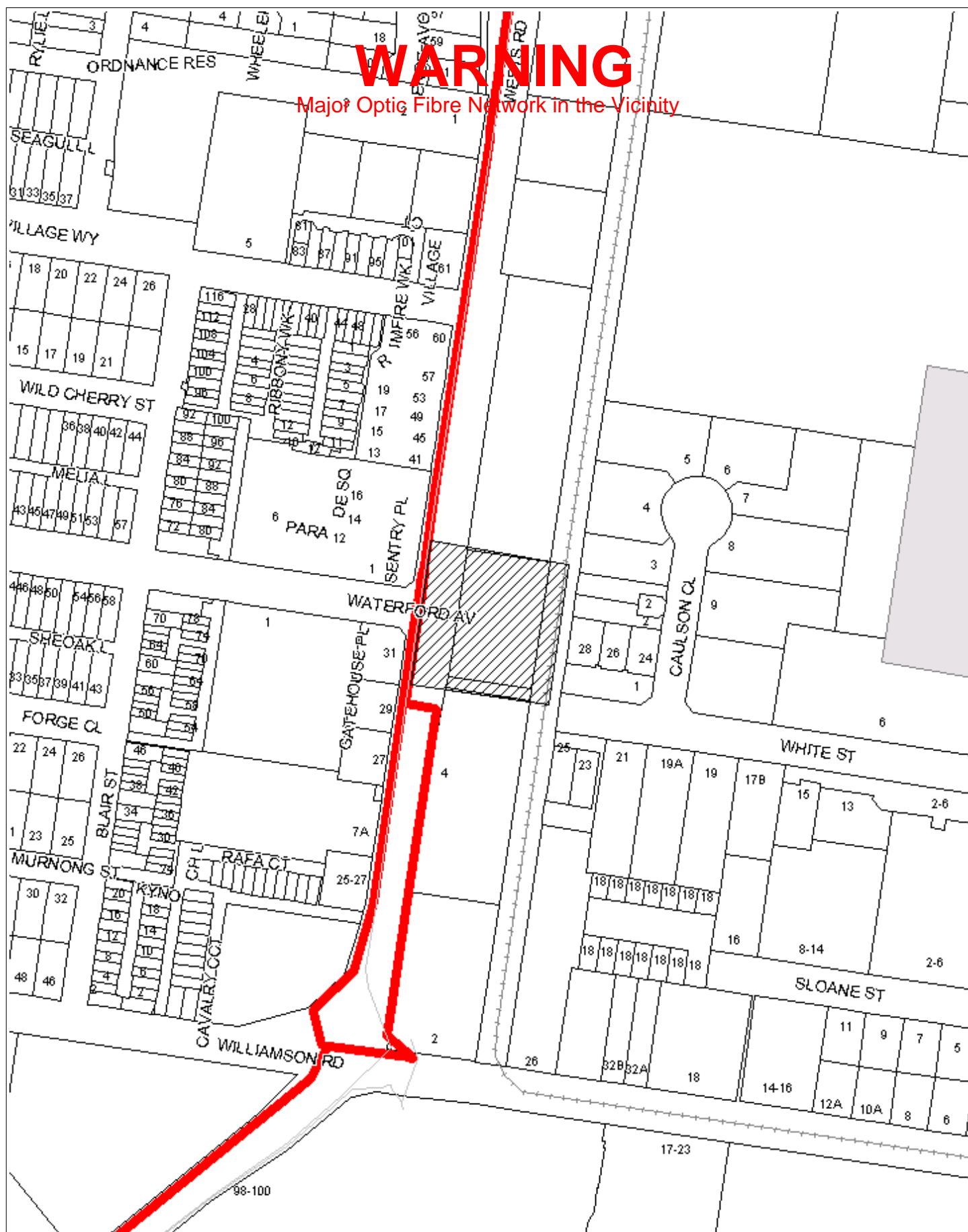
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## OPTUS ENGINEERING DRAWING SYMBOLS





# WARNING

Major Optic Fibre Network in the Vicinity

WARNING: This document is confidential and may also be privileged. Confidentiality nor privilege is not waived or destroyed by virtue of it being transmitted to an incorrect addressee. Unauthorised use of the contents is therefore strictly prohibited. Any information contained in this document that has been extracted from our records is believed to be accurate, but no responsibility is assumed for any error or omission. Optus Plans and information supplied are valid for 30 days from the date of issue. If this timeline has elapsed please raise a new enquiry.

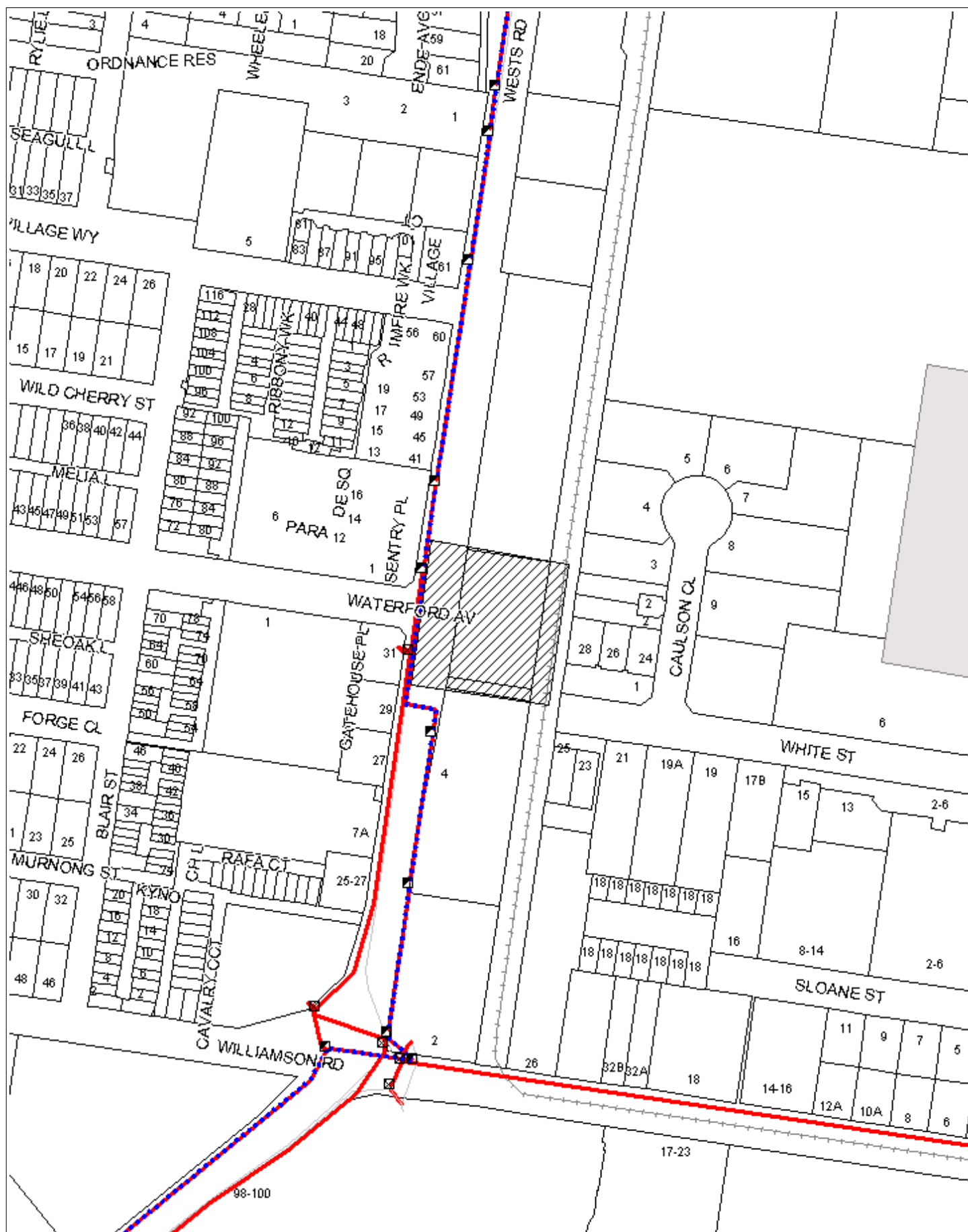
Sequence Number: 44450828

Date Generated: 17/03/2015



For all Optus DBYD plan enquiries –  
Email: [Fibre.Locations@optus.net.au](mailto:Fibre.Locations@optus.net.au)  
For urgent onsite assistance contact 1800 505 777  
Optus Limited ACN 052 833 208





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## Telstra Accredited Plant Locators - Victoria / Tasmania

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.

Please contact a Telstra accredited locator from the list below (fees apply).

**\*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 a ‘yes’ in the ‘Fibre’ column.

### Tasmania

Name & areas covered	*Fibre	Contact details
<b>AJ Water &amp; Leak Detection - Launceston</b> <i>Tas - North, North East &amp; North West</i>	Yes	0457 710 684 Website: <a href="http://www.ajwater.com.au">www.ajwater.com.au</a>
<b>Archer's Underground Services Locations – Rosny Park</b> <i>All of Tasmania Except Launceston and Devonport</i>	Yes	0418 737 299 Fax (03) 6245 1299
<b>Archer's Underground Services Locations - Devonport</b> <i>Launceston and Devonport</i>	Yes	0417 551 851
<b>Astrotec – Margate</b> <i>Covering all Southern Tasmania</i>	Yes	0408 479 601 Email: <a href="mailto:simon@astrotec.net.au">simon@astrotec.net.au</a>
<b>Bill's Locating Service - Cremorne</b> <i>All of Tasmania</i>	Yes	0417 581 775 Fax: (03) 6248 9736
<b>Cable Locators Northern Tasmania - Rosevears</b> <i>0363 Area Code</i>	Yes	0418 321 311 (03) 6394 3994
<b>Corrosion Mitigation Pty Ltd - Kensington</b> <i>All areas</i>	No	(03) 9376 4216 or 0418 367 295
<b>Danny Shields Paving - Launceston</b> <i>Northern Tasmania</i>		0438 392 465 Fax: (03) 6339 2465
<b>Environmental Locations Systems - Hallam</b> <i>Metropolitan Melbourne and all of Victoria</i>	Yes	(03) 9314 5335 or 0414 352 472
<b>Hunter Geophysics – Central Park</b>	No	0488 501 261 Email: <a href="mailto:david.hunter@huntergeophysics.com">david.hunter@huntergeophysics.com</a>
<b>Juls Projects Pty Ltd - Pakenham</b>	Yes	0417 511 114
<b>LOC84U (MD Smith) - St Marys</b> <i>North East Coast, Swansea North, Fingel Valley to Avoca</i>	No	0408 059 521
<b>Nigel Mawby Enterprises - Devonport</b> <i>All of Tasmania</i>	Yes	0408 635 357 Email: <a href="mailto:nigelamawby@bigpond.com">nigelamawby@bigpond.com</a>
<b>North West Locations Pty Ltd - Wynyard</b>	Yes	0419 512 796 Fax (03) 6442 1292
<b>Radiotech Geo-Structural Surveys - Greensborough</b>	No	(03) 9444 9183 Fax: (03) 9434 4694
<b>Riverina Horizontal Boring Pty Ltd - Wodonga</b>	No	(02) 6059 1788 or 0419 149 153 Fax: (02) 6059 5090

## Victoria

Name & areas covered	Fibre	Contact details
<b>Aardvark Utilities Exposure</b> - Langwarrin <i>Melbourne Metro, Mornington Peninsula, Gippsland, Latrobe Valley</i>	No	(03) 9785 8530 or 0413 996 907 Fax: (03) 9785 9296 Email: <a href="mailto:service@aardvarkutilities.com.au">service@aardvarkutilities.com.au</a>
<b>Able Pipe Cable &amp; Leak Location Services-</b> Cheltenham <i>Melbourne Metro &amp; Mornington Peninsula</i>	No	0418 318 186 Fax (03) 9584 0137
<b>Accredited Pipe &amp; Cable Locators</b> - Pakenham <i>Pakenham, SE Melbourne and Gippsland</i>	Yes	(03) 5941 4299 or 0418 368 591 Fax: (03) 5941 4291
<b>Advanced Pty Limited</b> - Lancefield <i>Melbourne Metro, Geelong, Bendigo, Lancefield</i>	No	(03) 5429 1739 or 0402 883 536
<b>All Areas Asset Locating (Scantek Group Pty Ltd )</b> – Macleod <i>Melbourne Metro, Greater Melbourne and all Regional Areas</i>	No	0409 234 121 Email: <a href="mailto:scantek1100@bigpond.com">scantek1100@bigpond.com</a>
<b>All Melbourne Cable &amp; Pipe Locating</b> – Ringwood North <i>Eastern Suburbs, Yarra Valley, Melbourne and Greater Metropolitan Area.</i>	No	0417 202 000 Fax (03) 9876 5716
<b>All States Contracting Pty Ltd</b> - Shepparton <i>Central, North Central, Goulburn Valley, Shepparton, Seymour, Cobram, Euroa</i>	Yes	0408 216 653 (03) 5821 6653
<b>All States Recoveries</b> – Bendigo (Victoria, Bendigo, Mildura, Murray River, Southern NSW)	No	0428 003 333 Email: <a href="mailto:ian@allstatesrecoveries.com.au">ian@allstatesrecoveries.com.au</a>
<b>Asset Detection Services Pty Ltd</b> - Newport <i>All of VIC</i>	Yes	0413 949 400 Fax: (03) 9391 6204 Email: <a href="mailto:info@assetdetection.com.au">info@assetdetection.com.au</a>
<b>Asset Exposure</b> – Lysterfield <i>Melbourne Metro, Greater Melbourne and all Regional Areas</i>	Yes	0419 222 999 Email: <a href="mailto:info@assetexposure.com.au">info@assetexposure.com.au</a>
<b>Australian Underground Survey Solutions Pty Ltd</b> - Narre Warren	No	(03) 9700 2311 or 0419 488 883 Fax: (03) 9314 1568
<b>Barry Bros Specialised Services</b> - Mulgrave <i>Yarra</i>	Yes	(03) 9574 9888 or 0407 319 930
<b>Barry Johnstone Locations and Communications</b> - Mt Gambier. <i>South East Of South Australia (Limestone Coast), South West Victoria</i>	No	0418 834 804
<b>Bartletts Environmental</b> - Geelong <i>All of VIC</i>	No	(03) 5248 7955 or 0427 684 726 Fax: (03) 5248 7677 Email: <a href="mailto:info@bartlettsenvironmental.com.au">info@bartlettsenvironmental.com.au</a>
<b>Bendigo District Cable and Pipe Locations</b> - Bendigo	Yes	(03) 5447 1148 or 0413 035 386 (03) 5447 1804
<b>Billy Charnock Electrical</b> - Swan Hill <i>Swan Hill and Surrounding Districts</i>	Yes	(03) 5032 1866 Fax: (03) 5033 1866



Name & areas covered	Fibre	Contact details
<b>Bishops Underground Services Locations – Ballarat</b> <i>Ballarat and surrounding areas</i>	Yes	(03) 5342 0440 or 0408 508 453 Fax: (03) 5342 0440 Email: <a href="mailto:bishops@bigpond.com">bishops@bigpond.com</a>
<b>BPR Trenching and Boring Pty Ltd – Bairnsdale</b>	No	(03) 5153 2800 or 0417 333 923
<b>C &amp; L Cable Locators - Bendigo</b>	Yes	0407 393 405 or 0459 111 191 Email: <a href="mailto:info@cablelocators.com.au">info@cablelocators.com.au</a>
<b>Cablenet Industries Pty Ltd - Sunshine</b>	No	(03) 9311 6605 Fax: (03) 9311 6610
<b>Capogreco Excavations Pty Ltd - Mildura South</b> <i>Mildura, Wentworth, Gol Gol, Dareton, Ouyen, Robinvale, Merbein</i>	Yes	(03) 5022 2070 or 0428 356 269 Fax (03) 5022 7003 <a href="mailto:info@capoex.com.au">info@capoex.com.au</a> and <a href="mailto:admin@sunraysiacablelocations.com">admin@sunraysiacablelocations.com</a>
<b>Cardno Australian Underground Services Pty Ltd - Highett</b> <i>All Areas</i>	Yes	1300 224 664 or (03) 9553 7236 Email: <a href="mailto:cardnoaus@cardno.com.au">cardnoaus@cardno.com.au</a>
<b>Carey Civil Contractors - Gordon</b> <i>Melbourne and surrounding areas</i>	No	0408 579 915 or (03) 5368 0000 Email: <a href="mailto:matthew@careycivil.com.au">matthew@careycivil.com.au</a>
<b>Cavan Constructions - Warrnambool</b> <i>Warrnambool, Ballarat, Hamilton and Western suburbs of Melbourne</i>	Yes	(03) 5568 7240 or 0404 241 679 Fax: (03) 5568 7240
<b>CHS Group Australia - Horsham</b> <i>Melbourne East and Surrounds</i>	No	(03) 53816400 or 0438 824 557 Fax: (03) 5381 1985
<b>Clean It Industrial Services - Sale</b>	Yes	0417 517 391
<b>Cobram Electrical and Data Pty Ltd - Cobram</b> <i>North East Victoria and NSW</i>	Yes	(03) 5871 2807 or 0447 777 566 Fax: (03) 5871 2907 Email: <a href="mailto:info@cobramelectricalanddata.com">info@cobramelectricalanddata.com</a>
<b>Corrosion Mitigation Pty Ltd - Kensington</b> <i>All areas</i>	No	(03) 9376 4216 or 0418 367 295
<b>CSA Specialised Services - Seaford</b> <i>All of Victoria</i>	Yes	1300 859 829 Email: <a href="mailto:courtney@csaspecialised.com.au">courtney@csaspecialised.com.au</a>
<b>D-TECH Ground and Overhead Services Ptd Ltd - Notting Hill</b> <i>All of Vic</i>	No	0421 697 090 Email: <a href="mailto:tina@d-tech.net.au">tina@d-tech.net.au</a>
<b>deCastella Walsh Consulting Pty Ltd t/as Utility Locating Victoria - Doncaster East</b>	Yes	0417 327 570 <a href="mailto:damien.decastella@gmail.com">damien.decastella@gmail.com</a>
<b>Down Under Pipeline Surveys Pty Ltd - Orangeville</b>	No	(02) 4653 1286 or 0418 675 374 Fax (02) 4653 1747
<b>Drain Solutions Pty Ltd - Thomastown</b> <i>Melbourne, Melbourne Metro, Greater Melbourne Metropolitan areas, Mornington Peninsular and all Regional Areas</i>	Yes	1300 546 348 0412 111 600 Email: <a href="mailto:info@drainsolutions.com.au">info@drainsolutions.com.au</a>
<b>Dunlop &amp; Pitson Earthmoving - Bendigo</b> <i>Bendigo Region</i>	No	(03) 5441 1809 or 0419 761 427 Fax: (03) 5441 5571 email: <a href="mailto:tim@dpearth.com.au">tim@dpearth.com.au</a>

Name & areas covered	Fibre	Contact details
<b>Earthscan Technology Pty Ltd - Ballarat</b> <i>Central and South West</i>	No	0402 210 445 Fax (03) 5331 7611 Email: <a href="mailto:njcahir@hotmail.com">njcahir@hotmail.com</a>
<b>Echuca and District Cable Locations - Echuca</b> <i>Northern VIC, Southern NSW</i>	Yes	0419 001 843
<b>Eiicon Locations - Wodonga</b> <i>Wodonga, Albury, Wagga Wagga, Wangaratta, Towong Shire, Alpine Shire, Indigo Shire</i>	Yes	0419 568 331
<b>EJ Russell Plant Hire - Colac</b>	Yes	(03) 5231 2630 or 0428 874 832 Fax: (03) 5232 2848
<b>Elite Locating Services - Seabrook</b> <i>Melbourne Metropolitan, All areas in Victoria</i>	No	0413 743 618
<b>Environmental Locations Systems - Hallam</b> <i>Metropolitan Melbourne and all of Victoria</i>	Yes	(03) 9314 5335 or 0414 352 472
<b>G.J &amp; R.K Smith – Mirboo North</b>	No	0409 803 583 Email: <a href="mailto:rob-greg@bigpond.com">rob-greg@bigpond.com</a>
<b>Geelong Cable Locations - Geelong</b> <i>All areas</i>	Yes	0418 108 543 or 1800 449 543 Email: <a href="mailto:info@geelongcablelocations.com.au">info@geelongcablelocations.com.au</a>
<b>GeoScan Utility Location Service - Torquay</b> <i>Victoria Statewide</i>	Yes	0417 309 710 Fax (03) 5261 9619
<b>Gippsland Pipe &amp; Cable Locations - Wy Yung</b> <i>Gippsland</i>	Yes	(03) 5152 4417 or 0409 386 817 Fax: (03) 5152 4480
<b>Gippslocate - Traralgon</b> <i>Gippsland</i>	Yes	(03) 5174 9831 or 0418 349 391 Email: <a href="mailto:info@gippslocate.com.au">info@gippslocate.com.au</a>
<b>Green Triangle Electronics – Mt Gambier</b> <i>South East of South Australia and Western Victoria</i>	No	(08) 8724 2222 Fax: (08) 8723 0249
<b>HMR Partners Aust Pty Ltd – Lockwood Sth</b> <i>North Central Victoria</i>	No	0423 870207 <a href="mailto:hmrpartners@gmail.com">hmrpartners@gmail.com</a>
<b>Hunter Geophysics – Central Park</b>	No	0488 501 261 Email: <a href="mailto:david.hunter@huntergeophysics.com">david.hunter@huntergeophysics.com</a>
<b>Independant Plumbing Inspirations – Yarra Glen</b> <i>Yarra Glen &amp; Yea area</i>	Yes	0411 111 839 Email: <a href="mailto:lplumbinspections@outlook.com">lplumbinspections@outlook.com</a>
<b>Juls Projects Pty Ltd – Pakenham</b>	Yes	0417 511 114
<b>Mark Brehaut - Ballarat</b> <i>Ballarat</i>	No	0402 411 843 Fax: 03 9011 9750
<b>Maffra Trenching &amp; Boring – Traralgon</b> <i>Latrobe Valley</i>	Yes	(03) 5174 4108 or 0431 158 654 Fax: (03) 5175 0675 Email: <a href="mailto:bore1@maffratrenching.com.au">bore1@maffratrenching.com.au</a>
<b>Murray Valley Locating and Electrical – Cobram</b> <i>Murray Valley, North East Victoria and Southern NSW</i>	Yes	0417 426 731 Email: <a href="mailto:officemvle@gmail.com">officemvle@gmail.com</a>
<b>On Point Utility Locating Pty Ltd - Woodpark</b>	Yes	0405 149 529
<b>Optic Energi Australia - Ashburton</b>	No	(03) 9886 9642 or 0412 355 078 Fax: (03) 9886 9641

Name & areas covered	Fibre	Contact details
<b>Pipe &amp; Cable Investigation Services – Ascot Vale</b> <i>Metro &amp; Country</i>	No	0418 378 935
<b>Pipeline Cleaning Services Australia - Mulwala</b> <i>Yarrowonga Myrtleford, Wangaratta, Cobram, Katamatite, Shepparton, Wodonga, Rutherglen</i>	No	(03) 5743 3152 or 0448 822 815 Fax: (03) 5743 3152 Email: <a href="mailto:Stephen@pipelinecleaningservices.com.au">Stephen@pipelinecleaningservices.com.au</a>
<b>Pipeline Technology Services - Marlestone</b>	No	(08) 8351 7000 or 0419 878 220 Fax:(08) 8159 7537
<b>Precision Locations - Gherang</b> <i>Geelong and Surfcoast</i>	No	0418 524 156 Fax (03) 5266 1075
<b>Qest Environments – North Geelong</b>	Yes	1300 308 172 After Hours: 0417 478 732 Fax: 1300 456 863
<b>R &amp; R McClure – Castlemaine</b> <i>Bendigo, Castlemaine, Kyneton, Gisborne, Heathcote, Mildura, Robinvale, Ouyen</i>	Yes	(03) 5472 3256 Fax: (03) 5472 4558
<b>Radiotech Geo-Structural Surveys- Greensborough</b>	No	(03) 9444 9183 Fax: (03) 9434 4694
<b>Riverina Horizontal Boring Pty Ltd - Wodonga</b>	No	(02) 6059 1788 or 0419 149 153 Fax: (02) 6059 5090
<b>SADB Directional Boring - Newton</b>	No	(08) 8168 7200 Fax: (08) 8168 7299
<b>Sensing Cables - Toolangi</b>	Yes	0427 265 075 Email: <a href="mailto:sensingcables@hotmail.com">sensingcables@hotmail.com</a>
<b>Somerset Communications - Wangaratta</b> <i>North East Victoria (Wangaratta, Bright, Yarrowonga, Mansfield, Benalla), Kiewa Valley, Corowa, Rutherglen</i>	No	0407 228 280
<b>Spot on Group – Swan Hill</b> <i>Central &amp; North-East Vic, Southern NSW</i>	No	1300 531 431 or 0407 505 226 Fax: (03) 5032 1173
<b>Swanson Site Services – North Shore</b> <i>Geelong Region, Western Victoria &amp; Greater Melbourne</i>	Yes	0403 883 454 Email: <a href="mailto:info@swansonsurveying.com.au">info@swansonsurveying.com.au</a>
<b>Symes Contracting Services - Wangaratta</b> <i>North East Victoria</i>	No	0427 215 600 Email: <a href="mailto:wsymes1@bigpond.com">wsymes1@bigpond.com</a>
<b>Ted Finchett Pty Ltd - Hamilton</b> <i>South West Vic</i>	No	(03) 5572 3388
<b>UES (Victoria) Pty Ltd - Kyabram</b> <i>Northern Victoria, Goulburn Valley, Southern Riverina</i>	Yes	0407 120 201 Fax (03) 5852 1577 <a href="mailto:uesvicptyltd@bigpond.com">uesvicptyltd@bigpond.com</a>
<b>Underground Locating Services - Devon Meadows</b> <i>Gippsland, Mornington Peninsula</i>	Yes	0414 409 619
<b>Underground Services Detection Pty Ltd - Taylors Lakes</b>	No	0401 268 915 Fax (03) 8390 9574
<b>Underground Service Detectives - Hawthorn East</b> <i>Melbourne and Greater Metropolitan Area</i>	No	1300 781 486 or 0418 995 975
<b>Underground Service Solutions – Macedon Ranges</b> <i>All Areas</i>	Yes	0402 071198 Email: <a href="mailto:Underground.solutions13@gmail.com">Underground.solutions13@gmail.com</a>

Name & areas covered	Fibre	Contact details
<b>Utility Vision Pty Ltd - Craigieburn</b> <i>All of Victoria</i>	Yes	(03) 9333 8435 or 0409 525 973 <a href="mailto:clayton@utilityvision.com.au">clayton@utilityvision.com.au</a>
<b>Vac-U-Digga Pty Ltd - Melbourne</b> <i>Melbourne, Gippsland, Bendigo, Ballarat</i>	Yes	1300 822 834 Mob: 0447 466 566
<b>Watters Electrical Pty Ltd – Shepparton &amp; Mildura based</b>	Yes	(03) 5821 3944 Fax: (03) 5831 1101









## **DUTY OF CARE**

TELSTRA CORPORATION ACN 051 775 556

### **IMPORTANT:**

Please read and understand all the information and disclaimers provided below.

Due to the nature of Telstra plant and the age of some cables and records, the accuracy and/or completeness of the information on the attached plan(s) cannot be guaranteed. **Telstra plans are intended to be indicative only.** A plant location service (Telstra accredited) is required as part of the process to identify the exact location of the Telstra asset and ensure that the asset is protected during construction work.

Sketches and Plans provided by Telstra are circuit diagrams only and indicate the presence of telecommunications plant in the general vicinity of the geographical area shown. Exact ground cover and alignments cannot be given with any certainty and may alter over time. Telecommunications plant seldom follows straight lines and careful on site investigation **utilising a Telstra Accredited Locator is essential in the process to uncover and reveal its exact position.** **The exact position of Telstra assets can only be confirmed by physically exposing it.**

Telstra DBYD plans are not suitable for locating Telstra network within a Telstra exchange site. For advice on locating Telstra network within a Telstra exchange site contact Telstra Plan Services.

### **"DUTY OF CARE"**

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

Works or proposed works should be planned to allow for minimal impact and appropriate protection of Telstra plant. Telstra can provide plans and sketches showing the presence of its network to assist at the design stage. Telstra will also work with you to avoid damage to Telstra's plant during construction works.

It is your responsibility to:

1. Request plans of Telstra plant for a particular location at a reasonable time before construction begins. <http://www.1100.com.au>
2. **Engage an Accredited Plant Locator who must have a current Telstra issued accreditation card.** A list of accredited locators is attached to this email. (Allow enough time to arrange for one).
3. After engaging a Telstra Accredited Plant Locator, visually locate Telstra plant by hand digging or using non destructive water jet method (pot holing) where construction activities may be next to, damage or interfere with Telstra plant (see "Essential Precautions and Approach Distances" section for more information); and
4. Contact Telstra's Plan Services (see below for details) if Telstra plant is or near to, wholly, or partly located near planned construction activities and you require further advice about how to protect the plant or you need to relocate the plant to complete your construction activities.  
([Telstra.Plans@team.telstra.com](mailto:Telstra.Plans@team.telstra.com))

**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.*

## ASSET RELOCATIONS

You are not permitted to relocate or alter or repair any Telstra assets or network under any circumstances.

For all enquiries relating to the relocation or protection of Telstra assets please phone **1800 810 443** or email **[F1102490@team.telstra.com](mailto:F1102490@team.telstra.com)**

Only Telstra and its contractors may access and conduct works on Telstra's network (including its plant and assets). This includes performing modification or relocation works. 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.

## DAMAGE TO TELSTRA'S NETWORK MUST BE REPORTED TO 132203 IMMEDIATELY.

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.

## EMERGENCY SITUATIONS - RECEIVING TELSTRA PLANS

Telstra's automated mapping system will provide a fast response for emergency situations. (Faster than an operator can provide manually). 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](http://www.1100.com.au)**). The request will be then forwarded directly to Telstra.
- contain your 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 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 )
- be for an area less than 2500 metres in size to obtain a DWF map

## 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-Peirce 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)

for Telstra DBYD plan information - Shalin 07 3455 2997  
Glen 07 3455 1011

for advice on preventing damage - Taylor 07 3455 3208  
Lachlan 07 3455 3132  
Adam 07 3455 2037

Accredited plant locator enquiries - Mike 0477 377 036  
(Including how to become an Accredited Plant Locator to locate Telstra network)

Road closures and easements - Marea 07 3455 0834  
Glen 07 3455 1011

**Please note** - to make an 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.

### CONCERNING TELSTRA PLANS:

Please note the following:

- For Telstra plans contact **Dial Before You Dig** ([www.1100.com.au](http://www.1100.com.au)) at least 2 business days prior to digging. (Note - further lead time may be required for you to arrange for an Accredited Plant Locator from the provided list)
- Fast response can be provided by Telstra if an email address is supplied. (if posted, this may take up to one week or longer to receive plans)
- Telstra plans and information provided are **valid for 60 days** from the date of issue.
- 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** (see above for details) 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.

## ESSENTIAL PRECAUTIONS AND APPROACH DISTANCES:

**NOTE:** If the following clearances cannot be maintained, please contact Telstra Plan Services for advice on how best to resolve this situation. (see above for contact details)

1. On receipt of plans and sketches and before commencing any excavation work or similar activities near Telstra's plant, **carefully locate this plant first** to avoid damage. **It is your responsibility as part of your "Duty of Care" to engage an Accredited Plant Locator** (the locator must have a current Telstra-issued accreditation card). After engaging a Telstra Accredited Plant Locator, undertake manual exposure such as potholing when intending to excavate or work **closer** to Telstra plant than the following approach distances.

Where Telstra's plant is in an area where road and footpaths are well defined by kerbs or other features a minimum clear distance of 600mm must be maintained from where it is determined plant is located.

In non established or unformed reserves and terrain, this approach distance must be at least 1.5 metres.

In country/rural areas which may have wider variations in reasonably presumed plant presence, the following minimum approach distances apply:

- a) Parallel to major plant: 10 metres (for optic fibre and/or copper cable over 300 pairs)
- b) Parallel to other plant: 5 metres

**NOTE:** Even manual pot-holing needs to be undertaken with extreme care, commonsense and employing techniques least likely to damage cables. For example, orientate shovel blades and trowels parallel to the cable rather than digging across the cable.

If construction work is parallel to Telstra plant, then careful hand digging or using non destructive water jet method (pot-holing) at least every 5m is required to establish the location of all plant before work commences.

2. Maintain the following minimum clearance between construction activity and **actual location** of Telstra Plant.

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

All 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 your 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 (see above for details).



## **FURTHER ASSISTANCE:**

Assistance can be obtained by contacting Telstra Plan Services (see contact details above)

Where on-site location is provided, you are responsible for all hand digging or use non-destructive water jet method (pot-holing) to visually locate and expose Telstra plant. (For advice on damage prevention please contact Telstra Plan Services)

If plant location plans or visual location of Telstra plant by digging reveals that the location of Telstra plant is situated wholly or partly where you plan to work, then Telstra's Network Integrity Group must be contacted to discuss possible engineering solutions.

Please phone **1800 810 443** or email **[F1102490@team.telstra.com](mailto:F1102490@team.telstra.com)**

## **NOTE:**

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 **[F1102490@team.telstra.com](mailto:F1102490@team.telstra.com)**

## **RURAL LANDOWNERS**

Where Telstra owned cable crosses agricultural land, Telstra may provide on-site assistance with cable location. The Telstra Plan Services operator will provide assistance in determining eligibility.

Please note:

- The exact location, including depth of cables, must be verified by pot holing, which is not covered by this service.
- This service is only available to assist private rural land owners.
- This service normally covers one hour on-site only. Any time required in addition to Telstra funded time can be purchased directly from the Accredited Plant Locator.

For further information including terms and conditions, please contact Telstra Plan Services.


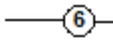



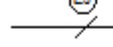
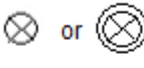
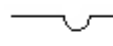

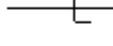

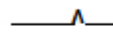

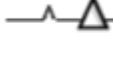
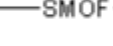
## **PRIVACY NOTE**

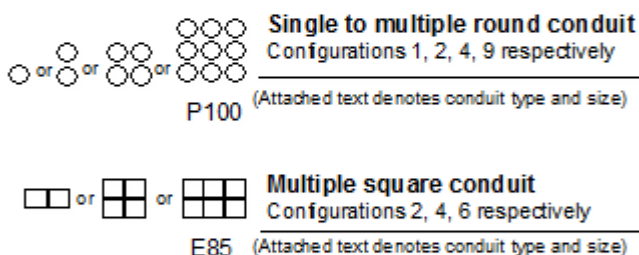
Your information has been provided to Telstra by DBYD to enable Telstra to respond to your DBYD request. Telstra keeps your information in accordance with its privacy statement entitled "Protecting Your Privacy" which can be obtained from Telstra either by calling 1800 039 059 or visiting our website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

## **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 refer to the section at the end of this document.

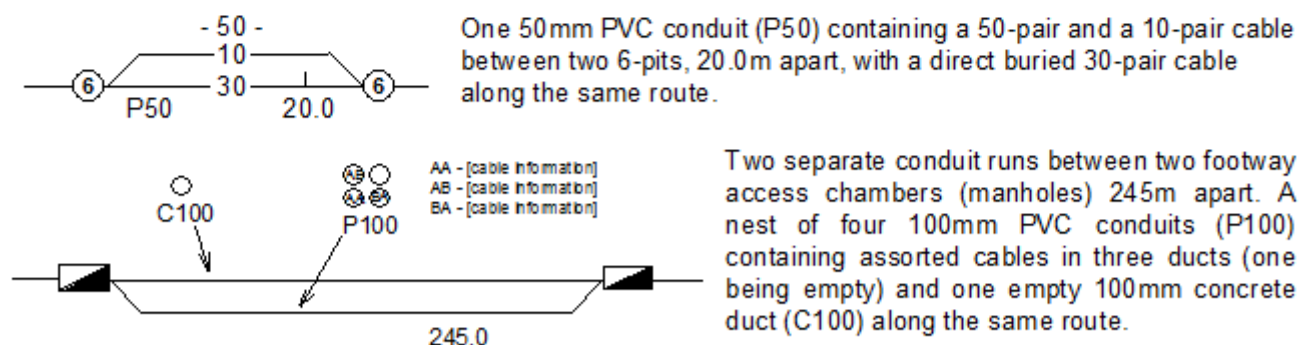
## LEGEND

	<b>Exchange</b> (major cable present)		<b>Cable jointing pit</b> (number indicating pit type)
	<b>Footway access chamber</b> (can vary from 1-lid to 12-lid)		<b>Buried cable jointing pit</b> (number indicating pit type)
	<b>Roadway access chamber</b>		<b>Elevated cable joint</b> (above ground joint on buried cable)
	<b>Pillar/cabinet</b> (above the ground / free standing)		<b>Cable loop</b> (direct buried)
	<b>Above ground complex equipment housing</b> (eg RIM) Please Note: This equipment is powered by 240V electricity.		<b>Telstra Plant</b> in shared utility trench
	<b>PT</b> <b>Public telephone</b> Please Note: This equipment is powered by 240V electricity.		<b>Aerial Cable</b> (above ground)
	<b>Direct buried cable</b>		<b>Aerial Cable</b> (attached to joint use pole e.g. power)
			<b>Optical fibre cable direct buried</b>



Some examples of conduit type and size:	
A - Asbestos cement, P - PVC / plastic, C - Concrete, GI - Galvanised iron, E - Earthenware.	
Conduit sizes <i>nominally</i> 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:



**WARNING:** Telstra's plans show only the presence of cables and plant. They only show their position relative to road boundaries, property fences etc. at the time of installation and Telstra does not warrant or hold out that such plans are accurate thereafter due to changes that may occur over time.

DO NOT ASSUME DEPTH OR ALIGNMENT of cables or plant as these vary significantly.

The customer has a DUTY OF CARE when excavating near Telstra cables and plant. Before using machine excavators TELSTRA PLANT MUST FIRST BE PHYSICALLY EXPOSED BY SOFT DIG (potholing) to identify its location.

Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

## 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). 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 formatted to A3 portrait sheet however it can be printed on any size sheet including from A4 to AO, 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 in 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

This 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 over email etc.

#### ***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 or local 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. They can be printed in 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 on your screen for it to be legible on the print. (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.

### Telstra Automated Mapping System (TAMS)

Telstra provides an automated plan response for the majority of DBYD requests received.

Requestors must supply a current email address on their request to DBYD and must also be able to accept a standard format of PDF or DWF. An automated response can be provided much faster than the alternative of a mailed hardcopy, and can avoid unnecessary delays in waiting for plans to arrive. Being softcopy, it can easily be sent directly to a worksite and can be available 7 days a week. The automated system can be configured for individual requestors to receive either PDF/DWF (where small requests are PDF and larger requests are DWF) or, alternatively, all in DWF (both small and large requests). Please contact Plan Services for further details or to have your preferences updated. **Please note that all requests over \*350m (approx.) in size can only be supplied in DWF format** and there are size limits on what can be provided. (\* actual size depends on geographic location of requested area)

## ACCREDITED PLANT LOCATORS (For your area)

**\*It is your responsibility as part of your 'Duty of Care' to engage an Accredited Plant Locator.** All Accredited Plant Locators locating Telstra network must have a current identification card issued by Telstra. A list of Telstra Accredited Locators 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 that are correctly accredited are allowed to work on or enter our manholes, pits, ducts, cables etc. This is for safety as well as for legal reasons.

**Please note 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.**

For the assistance of customers an accredited Plant Locator can perform any of the following activities if requested to do so by the owner:

- review Telstra's plans to assess the approximate location of Telstra plant;
- advise owners of the approximate location of Telstra plant according to the plans;
- advise owners of the best method for locating Telstra plant;
- advise owners of the hazards of unqualified persons attempting to find the exact location of Telstra plant and working in the vicinity of Telstra plant without first locating its exact position; and
- perform trial hole explorations by hand digging (pot-holing) to expose Telstra plant with a high degree of skill, competence and efficiency and utilising all necessary safety equipment.

The attached list provides the names and contact details for Accredited Plant Locators who service your area and can provide you with assistance in locating Telstra plant on site. These organisations have been able to satisfy Telstra that they have a sound knowledge of telecommunications plant and its sensitivity to disturbance; appropriate equipment for locating telecommunications plant and competent personnel who are able to interpret telecommunications plans and sketches and understand safety issues relevant to working around telecommunications plant.

### Please Note:

- Optic fibre cable locations must be performed by a locator with Telstra optic fibre cable location accreditation. (Not all copper accredited locators have optic fibre accreditation). The locators with additional 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 DBYD plans.
- An Accredited Plant Locator is NOT permitted to provide depth of communications plant unless it is physically exposed by hand digging.
- 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 organisation engaged. Telstra is not a party to any contract entered into between you and an Accredited Plant Locator. The Accredited Plant Locators are able to provide guidance concerning the extent of site investigations required.
- 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 an 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.
- You have the right to request the organisation you engage to show their Telstra issued ID card.
- Neither the 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 Accredited Plant Locator or its employees.

Telstra offers free Cable Awareness Presentations & Advanced Cable Reading Presentations, if you believe you or your company would benefit from this offer please contact Network Integrity on 1800 810 443 or [F1102490@team.telstra.com](mailto:F1102490@team.telstra.com)

*For details on how to become an Accredited Plant Locator to be able to locate Telstra network please contact Telstra Plan Services – Mike (0477 377 036) <a href="mailto:mugl@dominoapp.in.telstra.com.au">mugl@dominoapp.in.telstra.com.au</a>
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## DATA EXTRACTION FEES (when applicable)

### for non-ground breaking activities -

#### **\*Planning and design, conveyancing, tendering, educational or research, other data gathering**

**Note** - The supply of any Telstra data for non ground breaking activities is at Telstra's discretion. Data supply may be refused on commercial, privacy, security or other reasons.

\*Planning and design requests submitted by identified utilities intending works on their own assets **may** be exempt from the \$55 (GST inc) extraction fee for Standard Telstra Responses for non ground breaking activities. This is at Telstra's discretion and conditions may apply. Data extraction fees for all non standard responses however will still apply. Eg for large projects or non standard formats.

The supply of any data for non ground breaking activities is not subject to a 48hr response time; however Telstra will endeavour to respond within 48hrs for all standard responses.

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#### **Standard Telstra response for non ground breaking activities: \$55 (GST inc.)**

Criteria: each request only requires a single delivery from Telstra (as in 1 request 1 Delivery).  
A single delivery is either –

- **1 x email with 1 x PDF map file** containing one or two A3 map pages (depending on network). *Covers areas up to approx. 500m in size.*

OR

- **1 x email with 1 x DWF map file.** *Covers areas up to approx. 3km in size.*

OR

- **1 x \*posted delivery** (*\*only if email unavailable or at Telstra's discretion*). Posted format is either –
  - Posted softcopy of standard response (on disk)
  - or
  - Posted printed hardcopy (maximum of 2 x A3 sheets only).

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#### **Non-Standard Response – for non ground breaking activities (fees apply)**

**Data Use Agreement** (required for DXF format) **\$110** (GST inc)

- Projects -** If a response takes more than 30mins to extract data in any format, an hourly rate will apply (**\$110** per hour GST inc).
- Projects that take 1 day or longer will be quoted individually.
  - All data will be provided in softcopy only - not printed.

**Note** - Multiple part requests through DBYD for one project will be amalgamated and considered a single project for data extraction charging purposes. Posted responses cannot be delivered within 48hrs, allow several days for delivery. Postage is by Australia Post standard delivery. Express delivery at additional cost. All prices and specifications are subject to change.



## DATA EXTRACTION FEES (when applicable)

### for ground breaking activities -

**\*Manual or mechanical excavation, horizontal boring, vertical boring, blasting**

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**For a Standard Telstra Response for ground breaking activities - cost to requestor - \$nil**

#### **Standard Response Criteria -**

Each request only requires a single delivery from Telstra (1 request 1 delivery).

A single delivery is defined as either -

- **1 x Email with 1 x PDF map file** containing one or two A3 map pages  
(depending on network can cover up to approx 350m).

OR

- **1 x Email with 1 x DWF map file.** Covers up to approx 3km.

OR

- **1 x \*Posted delivery** for customers requesting a response for their principal place of residence only,  
(and only when email delivery is unavailable or at Telstra's discretion).

Either -

- Posted softcopy on disk (standard response only)
- Posted printed hardcopy (A3 sheets only- at Telstra's discretion )

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**For a Non-Standard Telstra Response for ground breaking activities (fees apply)**

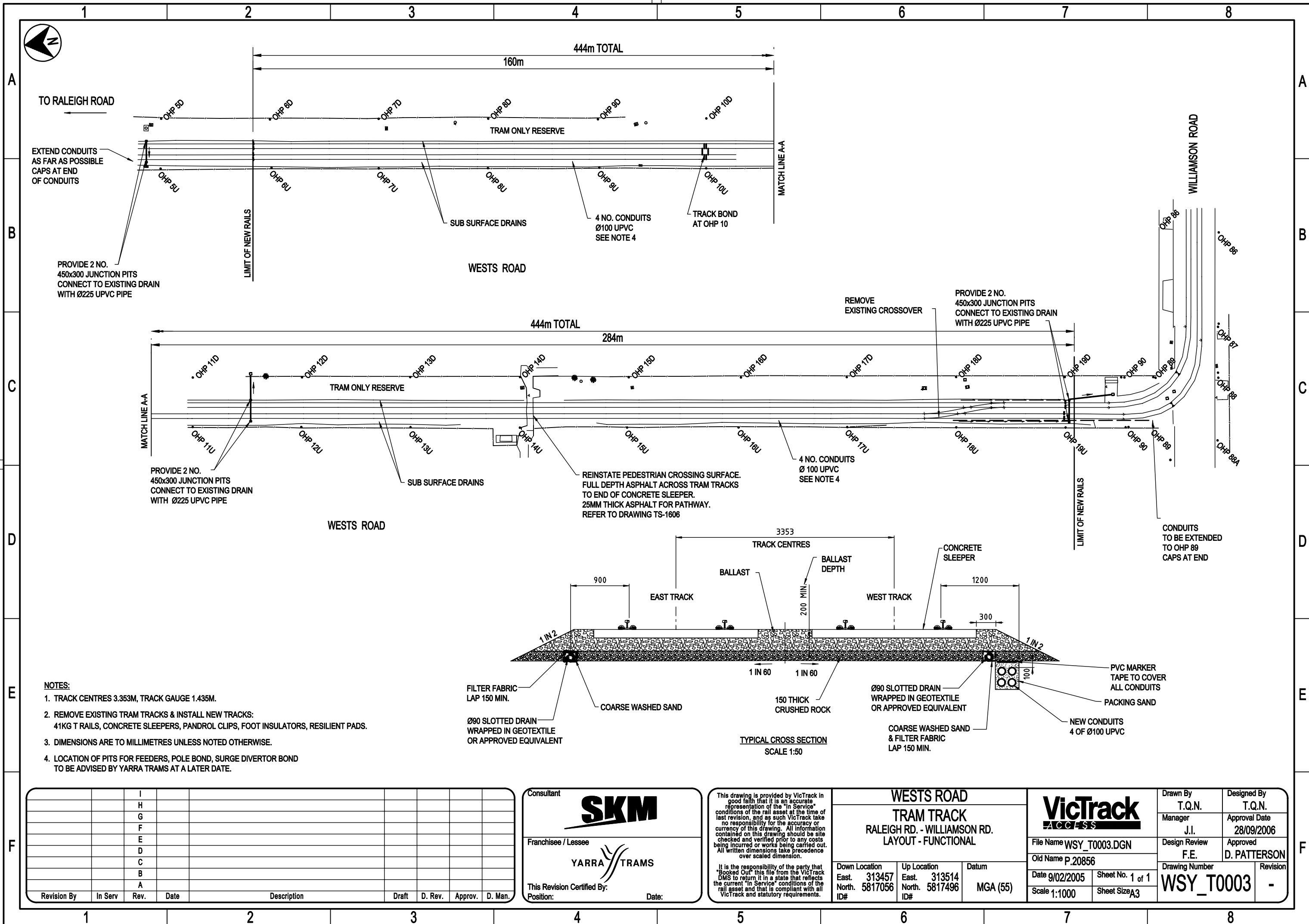
**An extraction fee is incurred if the response exceeds a standard response i.e. -**

- Use of data requires a data use agreement (for example DXF format)
- If an individual job or project requires more than a single delivery (as defined above)
- Specific printing and/or posting of requests that are not for the principle place of residence
- Any other response other than a Standard Telstra Response for ground breaking activities

#### **Data extraction costs for ground breaking activities -**

- Posted softcopy on disk of standard response when not principle place of residence- **\$22** (GST inc.)
- Posted hardcopy of standard response i.e. when not principle place of residence – max of 2 x A3 sheets (at legible scale) - **\$22** (GST Inc.) Note - large areas will not be printed and posted.
- Requires Data Use Agreement – i.e. requirement for DXF files - **\$110** (GST inc)
- Non standard response (i.e. over 30 mins extraction time for softcopy) will be at an hourly rate (**\$110 per hour** GST inc).
- Projects that take 1 day or longer will be quoted individually.

**Note** - Multiple part requests through DBYD for one project will be amalgamated and considered a single project for data extraction charging purposes. Printing/posting fee exemptions may be provided at Telstra's discretion. Postage is by Australia Post standard delivery. All posted plans will normally be extracted within 48 hrs; time in transit through post is additional and may take several days Express delivery at additional cost. All prices and specifications are subject to change. Data extraction fees are based on various criteria including the principal excavation activity selected by the customer on the DBYD website. Telstra reserves the right to vary its fees in circumstances where the principal excavation activity is varied or misrepresented by the customer.



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Revision By	In Serv	Rev.	Date	Description	Draft	D. Rev.	Approv.	D. Man.	

Consultant

**SKM**

Franchisee / Lessee

**YARRA TRAMS**

This Revision Certified By:

Position:

Date:

This drawing is provided by VicTrack in good faith that it is an accurate representation of the "In Service" conditions of the rail asset at the time of last revision, and as such VicTrack take no responsibility for the accuracy or currency of this drawing. All information contained on this drawing should be site checked and verified prior to any costs being incurred or works being carried out. All written dimensions take precedence over scaled dimension.

It is the responsibility of the party that "Booked Out" this file from the VicTrack DMS to return it in a state that reflects the current "In Service" conditions of the rail asset and that is compliant with all VicTrack and statutory requirements.

WESTS ROAD TRAM TRACK		
RALEIGH RD. - WILLIAMSON RD. LAYOUT - FUNCTIONAL		
Down Location East. 313457 North. 5817056 ID#	Up Location East. 313514 North. 5817496 ID#	Datum MGA (55)

**VicTrack**

File Name WSY\_T0003.DGN

Old Name P.20856

Date 9/02/2005

Scale 1:1000

Sheet No. 1 of 1

Sheet Size A3

Drawn By T.Q.N.	Designed By T.Q.N.
Manager J.I.	Approval Date 28/09/2006
Design Review F.E.	Approved D. PATTERSON
Drawing Number WSY_T0003	Revision -