



## UTILITY PLANNING ASSESSMENT GUIDE

To assist a person(s) or Agency proposing to undertake excavation work in meeting their duty of care and to prevent or minimise damage to services, the following actions shall be implemented as a minimum requirement:

- 1. Plan      2. Pothole      3. Protect – and only then      4. Proceed**

PLAN						
Obtain all applicable plant drawings available.						
Dial Before you Dig	www.1100.com.au	Obtain all applicable plant drawings	Does not represent all asset owners. Current for 28-30 Days only	Always - Design and Construction	48 hours	No work is to commence until all relevant information has been received. Refer also to WorkSafe WA Occupational Safety and Health Regulations 1996 section 3.21. It is a requirement of section 3.21 that all underground assets are located (potholed) in a jobsite prior to excavation. Utility maps MUST be on site. <a href="https://www.1100.com.au/safeexcavation/digging-safely">https://www.1100.com.au/safeexcavation/digging-safely</a>

Contact utility providers for their recommended safe digging practices to protect their plant and comply with any specific requirements.

ASSET OWNER	UTILITY TYPE	PERMIT / ACCESS	PERMIT / ACCESS TYPE	WHEN	INDICATIVE LEAD TIME	KEY POINTS - REFER TO UTILITY PROVIDERS DUTY OF CARE FOR DETAILS
<b>Public Transport Authority</b>	Optic, Power and Copper	Yes	Accredited Locator	Mandatory at all times	6 weeks	For railway crossings, buried signals and communications services need to be located or exposed by Brookfield or PTA (Rail) accredited locators. Mandatory Rail Permit by Authority.
<b>Main Roads WA</b>	Optic, Power	Yes	Accredited Locator	Mandatory at all times		Visual Identification only and Location of Assets - No Reference Plans
<b>AAPT</b>	Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	It is an offence to open AAPT's pits or manholes and/or any associated infrastructure belonging to or part of AAPT's network.
<b>AARNet</b>	Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	Under no circumstances shall construction, digging or excavating work entailing crossing AARNet plant be carried out without first exposing or locating of AARNet asset by an accredited locator and under the supervision of an accredited plant location contractor
<b>APA Group</b>	High Pressure Gas	Yes	Accredited Locator / Permit Issue Officer	Mandatory at all times	2 - 6 weeks	Before digging, you have a legal duty of care to take all appropriate steps to identify, locate and protect gas pipelines and underground services from damage or interference due to your work. Mandatory Engineering Approval and Permit by Asset Owner.
<b>ATCO Gas Australia</b>	Low and Medium Pressure Gas	No	Accredited Locator	Recommended at all times	Current DBYD Plan - 48 Hours	A small percentage of the gas pipelines (approximately 10% of the Network) will require location by an Approved Locator (refer to Section 6.1). For the rest of the Network, it is acceptable for the proponent to hand dig to identify the location of the gas pipelines. Where the operator is not familiar or confident working around gas assets, the use of an Approved Locator is recommended. <a href="http://www.atcogas.com.au/Documents/NCN_WI008_RF01_Additional_Information_for_Working_around_Gas_Infrastructure_Internet.pdf">http://www.atcogas.com.au/Documents/NCN_WI008_RF01_Additional_Information_for_Working_around_Gas_Infrastructure_Internet.pdf</a>
<b>ATCO Gas Australia</b>	High Pressure Gas	Yes	Accredited Locator / HP Proving Permit	High Pressure Mains greater 160mm dia, CHP, FHP, between 350-6,900kPa	6 weeks/48 Hours	No Work 15 metres of Gas Main - Compliance with all Warnings and Proving Permit required within 15 metres - Careful planning with notification to ATCO Gas Engineering for engineering assessment and permit conditions. Mandatory Engineering Approval and Permit by Asset Owner.
<b>Dampier to Bunbury Natural Gas Pipeline (DBNGP)</b>	High Pressure Gas	Yes	Section 41 Permit	Mandatory at all times	6 weeks	"Department of Lands approval conditions - Potholing on the Dampier Bunbury Natural Gas Pipeline Corridor is only permitted by WA State Government written approval and carried out under DBP supervision." Mandatory S41 Approval and Permit.
<b>Local Government Associations (LGA)</b>	Drainage / Stormwater	Consult with individual LGA -Permit/ Notifications	Council Specific	Recommended at all times	1 week	Refer to DBYD and Utility Providers Code of Practice for WA, www.1100.com.au. Local Council Infra Plan System.
<b>NBN Co</b>	Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	You should have regard to section 474.6 and 474.7 of the Criminal Code Act 1995 (CoA) which deals with the consequences of interfering or tampering with a telecommunications facility. Only persons authorised by nbn can interact with nbn's network facilities. Electricity Regulations Act 1945 / Electricity Regulations 1947
<b>Nextgen</b>	Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	---Visually locate Nextgen Networks plant by vacuum excavation (potholing) where construction activities may damage or interfere with Nextgen Networks plant
<b>Optus</b>	Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	---Only accredited Plant Locators are allowed to access Optus network
<b>Telstra</b>	Copper & Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	---Only a Telstra Accredited Plant Locator (TAPL) is authorised to access Telstra network for locating purposes - if you are not authorised to do so by Telstra, you should not be accessing or locating Telstra network. It is a criminal offence under the Criminal Code Act 1995 to tamper or interfere with communication facilities owned by a carrier.
<b>Verizon</b>	Power & Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	
<b>Vocus</b>	Optic Fibre	Yes	Accredited Locator	Mandatory at all times	Current DBYD Plan - 48 Hours	---Visually locate the Vocus Group plant by vacuum excavation (potholing) where construction activities may damage or interfere with the Vocus Group plant.
<b>Water Corporation</b>	Water	Yes	Asset Damage Risk Assessment (ADRA)	"3 meters of water mains greater than 300mm (unless they are Asbestos Cement - AC, or Reinforced Concrete - RC"	48 Hours/5 Days/28 Days	"Request approval if your proposed work is in, on, over, under or within the Prescribed Proximities to assets. "https://www.watercorporation.com.au/home/builders-and-developers/working-near-our-assets/locating-our-assets".
<b>Water Corporation</b>	Sewer	Yes	Asset Damage Risk Assessment (ADRA)	Assets > 300mm dia. All Pressure Sewer Mains.	48 Hours	
<b>Water Corporation</b>	Drainage	Yes	Asset Damage Risk Assessment (ADRA)	Assets > 300mm dia	48 Hours	
<b>Western Power</b>	LV	Yes	Accredited Locator	Mandatory at all times	48 Hours	Engage a qualified underground service locating professional to confirm the locations of know and any unknown underground services in the works area. Pothole by hand or other non-destructive means to prove the location and depth of underground services. Only use mechanical excavation after all services have been identified and exposed. Electrical reticulation approach distances provided with requested Dial Before You Dig package: <a href="https://www.westernpower.com.au/safety-access/keeping-safe-around-our-network/">https://www.westernpower.com.au/safety-access/keeping-safe-around-our-network/</a>
<b>Western Power</b>	HV	Yes	Accredited Locator	Mandatory at all times	48 Hours	
<b>Western Power</b>	Optic Fibre	Yes	Accredited Locator	Mandatory at all times - WP Optic Pit Access Permit	48 Hours/ 1 week	
<b>Western Power</b>	HV >33KV - 132KV	Yes	Recipient in Charge (RIC)	Mandatory at all times	up to 6 weeks	Any works within 3m zone. <a href="https://www.westernpower.com.au/safety-access/keeping-safe-around-our-network/">https://www.westernpower.com.au/safety-access/keeping-safe-around-our-network/</a>
<b>BP Oil</b>	Oil	Yes	Accredited Locator / Permit Issue Officer	Mandatory at all times	2 weeks	DBYD Enquiry - Asset Duty of Care - 'Contact BP Oil for Engineering Approvals if asset in vicinity of works. Mandatory Engineering Approval and Permit by Asset Owner.
<b>Perth Airport</b>	Perth Airport Assets	Yes	Accredited Locator / Permit Issue Officer	Mandatory at all times	2 weeks	DBYD Enquiry - Asset Duty of Care - 'Contact Perth Airport for Engineering Approvals if asset in vicinity of works

POTHOLE	PROTECT	PROCEED
Potholing is to be carried out prior to drilling or excavating to establish the exact location of all underground assets. (Always visually sight the service or utility)	Protect all applicable plant, ensure Supervision or Monitoring are in place, and ensure all working personnel are aware of the hazards	When ALL checks have been completed - then proceed with care.

Prior to commencing any work involving excavation, horizontal directional drilling boring or ground works in the road reserve or on private land, appropriate planning shall be undertaken including obtaining approvals from appropriate authorities, liaising with utilities and obtaining as detailed in the Code of Practice.

Utility Providers Code of Practice for WA  
[www.1100.com.au](http://www.1100.com.au)

Abaxa 3 Degrees Safety System  
[www.abaxa.com.au](http://www.abaxa.com.au)

Abaxa Emergency Response  
1300 369 642 / 0411 746 657