

CUSTOMER JOB NO. 204569 - 5515 - Dave Berry Utility Mapping & Surveying - During NDD

Project Name Locate, Pothole + Survey - Including Telecoms

PO #

Date Created 26/02/2021

Date Due 17/03/2021

Site Details

Name Mirvac - Station Street Menangle
Address Cnr Menangle & Station Street
Menangle NSW 2568
Contact Nicole Franklin
Telephone
Mobile
Email

Customer Details

Name Calibre Group
Address

Contact
Telephone
Mobile
Email

Schedule

Date Schedule	Date Performed	Actual Start	Actual Finish	Total
17/03/2021	17/03/2021	07:30	13:30	6.00 hrs

Work Completed

16/03/21

Pothole and survey PH 12, 11, 10, 9, 1, 14, 8, 5, 6, 7, 13 & 15.

Pothole 4 was moved to location 5 and included in a trench across the gate

Started trench 3E

looked for comms pit near old gate at Hume Highway. Spotted the cables and conduit in the culvert. Cable does not appear to enter the property. It crosses the Hume Highway and turns parallel inside the culvert

17/03/21

Pothole 3E 5m trench no services found

Pothole 3A 3B and 3C

GPR'ed looking for end of A4 easement with Brett. Nothing found. Also chased 0.25 asbestos main out of property at PH3 and investigated the bend before potholing

Advised by Lachlan;

- No pipe is running along easement A4
- Doesn't believe there is a second pipe in the easement running along the Hume Hwy boundary and no tee under the overhead power lines where the 0.1 line enters the property
- Irrigation line runs from hydrant to hydrant (north east to south west) and turns towards Moreton Park Road
- Many other irrigation lines and connections off the main
- The only line to leave the property is the 0.25 asbestos feeding neighbouring properties and the 0.1 asbestos that crosses the bridge and runs to the dairy
- The 100mm pipe coming from culvert is redundant and was used to feed their property years ago
- Thinks 0.025 gal pipe that we found is a redundant feed to the house

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PH	Service	Diameter	Depth
1	Water	Ø100 Asbestos	0.4
2	Water	NOT CARRIED OUT	IN SACRED AREA
3A	Water	Ø250 Asbestos	0.25
3B	Water	Ø250 Asbestos	0.23
3C	Water	Thrust Block	0.3
3D	Water	Ø250 Asbestos	0.33
3E	TRENCH	NO SERVICES FOUND	
4	MOVED TO PH 5	NO SERVICES FOUND	LOOKING FOR SECOND WATER LINE
5	Water	Ø250 Asbestos	0.46
6	Telecom	3 x DB Ø25	0.59, 0.78 & 0.78
7	Telecom	3 x DB Ø25	0.58, 0.67 & 0.67
8	Telecom	Ø100 & DB Ø25	0.49 & 0.63
9	Telecom	2 x Ø100	0.4 & 0.5
10	Telecom	Ø100, 2 x DB Ø50 & DB Ø25 (CUT)	0.53, 1.4 & 0.73
11	Telecom	2 x DB Ø50 & DB Ø25	1.42 & 1.39
12	Telecom	Ø100	0.67
13	Telecom	Ø25	0.54
14	Telecom	Ø25	0.44
15	Telecom	Ø25	0.67
16	Water	Ø25	0.087 REDUNDANT

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I/We have engaged Australian Locating Services (ALS) to locate underground or concealed pipes, cables and/or services.

1. I/We acknowledge that ALS have provided no representation or warranty, whether expressed or implied, that their procedures are accurate or that the results will be conclusive.

2. I/We acknowledge and confirm no liability will attach to ALS or to employees, servants and/or agents in respect of any statement, opinion, error, act or omission made in connection with the carrying out of the detection/testing procedures or the compilation of any results or reports in relation thereto prior to commencing any works in which the detection/testing procedures have been applied.

3. I/We will ascertain from the owners or providers of any services located by ALS, all relevant information as to the nature and extent of such services to avoid the possibility of damage or injury to the services or to any persons or property engaged in any proposed works and adhere to their Duty of Care requirements.

4. I/We hereby indemnify and will keep indemnified ALS, its employees, servants and/or agents against any claims arising from works in which the detection/testing procedures have been applied.

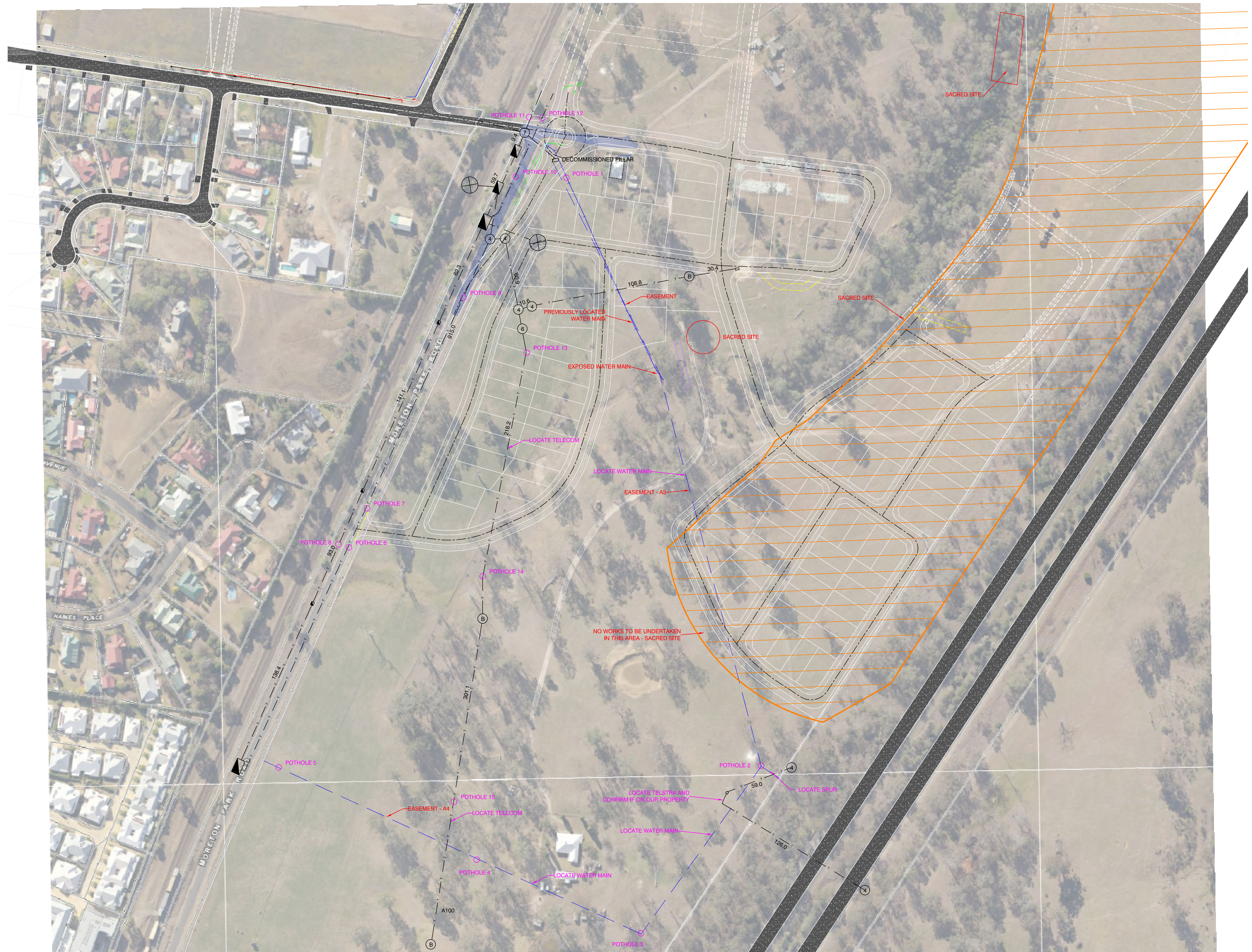
Customer:

Print Name Signature

All services have been located and marked to Australian Standards AS5488-2019 and are a guide only.

Technician:

Print Name Signature





1. Water Main - Railway Bridge



2. Pit 1



3. Pit 2



4. Pit 2



5. Pit 2



6. Telecom - Railway Bridge



7. Pit 3



8. Pit 3



9. Pit 3



10. Pit 4



11. Pit 4



12. Pit 4



13. Pit 5



14. Pit 6



15. Pit 7



16. Pit 7



17. 250mm Water and Redundant 100mm Water, Comms turns inside Culvert



PH 1 - 100mm Water - Asbestos



PH 3A - 250mm Water and Valve



PH 3B - 250mm Water - Asbestos



PH 3D - 250mm Water - Asbestos



PH 3E - Slit Trench - No Services Found



PH 5 - 250mm Water - Asbestos



PH 6 - 1 x Direct buried comms cable



PH 6 - 2 x Direct buried comms cables



PH 7 - 1 x Direct buried comms cable



PH 7 - 2 x Direct buried comms cables



PH 7 - 3 x Direct buried comms cables



PH 8 - 100mm Comms and direct buried cable



PH 9 - 2 x 100mm Comms



PH 10 - 3 x Direct buried cables



PH 10 - 100mm Comms



PH 11 - 3 x Direct buried cables



PH 12 - 100mm Comms



PH 13 - 25mm Comms



PH 14 - 25mm Comms



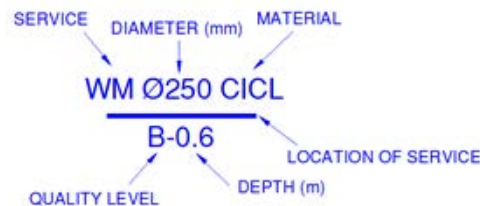
PH 15 - 25mm Comms



PH 16 - 25mm Water

Site Markings

Approx location, service type, material, quality level, depth & diameter of service



Abbreviations

EOT – End of trace – Unable locate past this point due to loss of signal or end of service

UTL - Unable to lift pit

E - Electricity (Orange)

ETR - Electricity transmission (Orange)

WM - Water main (Blue)

W - Water service (Blue)

GM - Gas main (Yellow)

G - Gas (Yellow)

SW - Storm water (Green)

S - Sewer (Brown)

T - Telstra or comms (White)

T/OF - Telstra optic fibre (White)

OF - Optic fibre (White)

OP - Optus (White)

NBN - National broadband network (White)

RMS - RMS signal cables (Red)

UNK or ? - Unknown service (Pink)

Australian Standards – AS 5488-2019 Classification of Subsurface Utility Information (SUI)

Quality Level A (QL-A)

QL-A is the positive identification and location of a service through potholing and has an absolute tolerance of +/- 50mm vertically and horizontally

Quality Level B (QL-B)

QL-B is achieved through electronic tracing and is ONLY accurate to +/- 300mm horizontally and +/- 500mm vertically

Quality Level C (QL-C)

QL-C location is derived from visible evidence of utility assets (pit lids, valves, hydrants etc) ONLY. There is NO verification that the service is directly under the visible feature, nor in a straight line.

Quality Level D (QL-D)

QL-D is an approximate location ONLY derived from DBYD drawings/ existing records and does NOT encompass any field verification involving direct measurement.

Disclaimer

1. All service locating has been carried out to AS 5488-2019 as defined in the above summary.
2. It is not always possible to locate all buried services and/or leaks within a defined area. Some services and/or leaks may be undetectable due to ground and site conditions (host material), the material of the service (target material) and the physical layout and location of each service, void or leak.
3. ALS cannot guarantee the location or depth of services due to the above constraints.
4. "Dial Before You Dig" drawings must be consulted and/or services exposed by potholing (non destructive excavation) prior to any hard excavation in the area.
5. "Dial Before You Dig" drawings must be less than 30 days old.
6. ALS will not be held liable and is not responsible for any damage whatsoever arising from reliance upon our services.
7. The client must adhere to the "Duty of Care" stipulated by each service provider

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