



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4

LEGEND

- PM PERMANENT MARK
- TREE
- W:HEIGHT
- D:DIA/METER
- S:SPREAD
- SI SIGN
- LP LIGHT POLE
- EP ELECTRICAL PILLAR
- SL STREET LIGHT
- EPIT ELECTRICAL PIT
- HYD HYDRANT
- SV STOP VALVE
- TEL TELSTRA/COMMS PIT
- GATE
- DRAINAGE LINE
- FENCE LINE
- OVERHEAD ELECTRICAL LINE
- UNDERGROUND ELECTRICITY (QL B)
- UNDERGROUND ELECTRICITY (QL C)
- UNDERGROUND ELECTRICITY (QL D)
- EMK ELECTRICAL MARKER
- UNDERGROUND COMMS (QL B)
- UNDERGROUND COMMS (QL C)
- UNDERGROUND COMMS (QL D)
- UNDERGROUND WATER MAIN (QL A)
- UNDERGROUND WATER MAIN (QL B)
- UNDERGROUND WATER MAIN (QL C)
- UNDERGROUND WATER MAIN (QL D)
- STORMWATER PIPE (QL A)
- MINOR CONTOUR LINE
- MAJOR CONTOUR LINE
- BOUNDARY LINE
- TOP OF BANKS
- TOE OF BANKS
- PHOTOGRAPH DIRECTION
- TPIL TELSTRA PILLAR
- WM WATER METER
- MISC MISC PIT
- CMK COMMS MARKER
- MK MISC CABLE MARKER

NOTES:-

- PLEASE REFER TO AS5488-2013-CLASSIFICATION OF SUBSURFACE UTILITY INFORMATION (SUI) FOR THE DEFINITION OF SERVICE LOCATION ACCURACIES SHOWN IN THIS PLAN.
- SOME UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN ESTIMATED BASED UPON DBYD INFORMATION PLANS. ADDITIONAL SERVICES MAY EXIST THROUGH THE SITE. SERVICE LOCATION HAS BEEN UNDERTAKEN IN PART OF THE CURRENT SCOPE OF WORKS ONLY.
- SERVICES HAVE BEEN LOCATED WHERE VISIBLE ONLY. PRIOR TO EXCAVATION OR CONSTRUCTION, ALL SERVICES ARE TO BE LOCATED BY THE RELEVANT AUTHORITY.
- BOUNDARIES ARE BASED ON EXTENSIVE BOUNDARY DEFINITION WORK AND ARE CONSIDERED FINAL. HOWEVER, ANY FUTURE PLAN OF SURVEY OF ADJOINING LOTS REGISTERED MAY IMPACT THE SUBJECT BOUNDARIES. ALL BOUNDARIES AND EASEMENTS ARE, THEREFORE, SUBJECT TO REGISTRATION OF A PLAN WITH LRS NSW.
- SPOT LEVELS AND CONTOURS SHOWN HEREON ARE FOR DESIGN PURPOSES ONLY AND ARE TO BE CONFIRMED ON SITE PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
- SPOT LEVELS HAVE BEEN REMOVED FROM THE FACE OF THIS PLAN. SPOT LEVELS CAN BE ACCESSED ON THE ELECTRONIC COPY OF THIS PLAN FOR MORE DETAILED DESIGN WORKS.
- THIS PLAN HAS BEEN PREPARED FOR THE PURPOSE OF DESIGN AND SHOULD NOT BE USED FOR ANYTHING OTHER THAN THAT PURPOSE.
- SOME SURVEY INFORMATION HAS BEEN SOURCED FROM A CONTOUR & DETAIL PLAN PREVIOUSLY SURVEYED BY ADWJ, PLAN REF 300058-DET-003-A, DATED 09/2018. SITE CONDITIONS MAY HAVE CHANGED.
- SOME SERVICES DATA HAS BEEN SOURCED FROM A PLAN PREPARED BY AUSTRALIAN LOCATING SERVICES (PLAN REF 204569-US, DATED MARCH 2021) AND HAS NOT BEEN CONFIRMED BY ADWJ. THIS DATA IS SHOWN FOR INFORMATION PURPOSES ONLY. PLEASE REFER TO ALS PLAN FOR QUALITY INFORMATION ON THIS DATA.

1 - D.P.795181

SUBSURFACE UTILITY INVESTIGATION (SUI) QUALITY LEVEL LABELLING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

QL - 'A': INFORMATION IS THE HIGHEST POSSIBLE LEVEL OF ACCURACY AND IS OBTAINED BY EXPOSING THE UNDERGROUND UTILITY USING A NON-DESTRUCTIVE EXCAVATION (POTHOLING) TECHNIQUE. THE VERTICAL INFORMATION FOR THIS LOCATING METHOD IS TO THE TOP OR SHALLOWEST PART OF THE LOCATED SERVICE. THE 3D LOCATION IS RECORDED BY SURVEY AS AN X, Y, Z COORDINATE.

QL - 'B': INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC PIPE AND CABLE LOCATORS, SONDES OR FLEXI-TRACE EQUIPMENT. THIS IS THE MOST COMMON FORM OF UTILITY LOCATING ALTHOUGH AN X, Y AND Z AXIS CAN BE ESTABLISHED IT IS NOT ALWAYS ENTIRELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND MULTIPLE BANKS OF CABLES AFFECTING THE LOCATING SIGNAL.

QL - 'C': INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF VISIBLE UTILITY SURFACE FEATURES SUCH AS MARKER PLATES OR WATER HYDRANTS AND ACQUIRED DIAL-BEFORE-YOU-DIG PLANS TO "DRAW" A STRING WHICH SHOWS THE APPROXIMATE POSITION OF SERVICES. THIS METHOD DOES NOT USUALLY SHOW MULTIPLE BANKS OF CABLES AND DOES NOT ALWAYS SHOW THREE DIMENSIONAL INFORMATION.

QL - 'D': INFORMATION IS THE MOST BASIC LEVEL OF UTILITY LOCATIONS USING ONLY INFORMATION BASED ON EXISTING DIAL-BEFORE-YOU-DIG PLANS AND BY MEASURING BOUNDARY OFFSETS AS WELL AS ASSISTANCE VIA GROUND PENETRATING RADAR ETC. THIS METHOD OF UTILITY LOCATIONS SHOULD ALWAYS BE TREATED AS AN INDICATION OF THE PRESENCE OF A SERVICE ONLY AND SHOULD NOT BE USED FOR DESIGN.

ALL UTILITIES ARE QL - 'D' UNLESS OTHERWISE NOTED

ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	27.04.21	INITIAL ISSUE	CG	KR	DK	BR	CO-ORDINATE SYSTEM: MGA94 Z56	DATUM: AHD	0 5.0 10.0m	1 OF 1
B	27.05.21	TREE ADDED NEAR N.E. CNR EXISTING RAIL BRIDGE	N/A	BR	BR	BR	ORIGIN OF CO-ORDINATES: P.M.30963	CONTOUR INTERVAL: P.M.30963 (R.L. 89.148)	SCALE: 1:200 (FULL)	
C	19.08.22	STEVENS RD UPDATED FOR STAGE 1 WAE	DK	BR	BR	BR	DATE OF SURVEY: 15.04.21	0.5m		

- (A3) EASEMENT FOR PIPELINE PURPOSES
(H) OVER EXISTING LINE OF PIPES (DP595674)
(J) RIGHT OF CARRIAGEWAY 10.06 WIDE & VAR.
(DP107066 & H860443)
(J) EASEMENT FOR PIPELINE 6 WIDE (DP595674)

WARNING
OPTICAL FIBRE
IN AREA

WARNING
UNDERGROUND
ELECTRICITY LINES



drawing title:
**DETAIL & CONTOUR
SURVEY OVER PART
LOT 202 D.P.590247 &
PART LOT 11 D.P.1262205**

location:
1370 MORETON PARK ROAD
& GREAT SOUTHERN
RAILWAY, MENANGLE

council: WOLLONDILLY SHIRE

dwg ref: 300058-DET-004-C

client:

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