





- THIS PLAN INCLUDES A GROUND TIN WHICH HAS BEEN GENERATED USING LIDAR PROVIDED BY NSW SPATIAL SERVICES. DUE TO THE THICK VEGETATION IN THIS AREA, MONTEATH & POWYS CANNOT VERIFY THE ACCURACY OF THIS TIN SURFACE. THIS SURFACE IS TO BE USED AS AN INDICATIVE MODEL ONLY, AND IS NOT SUITABLE FOR DESIGN.
- 2. THE LIDAR GROUND TIN IN THE BLUEGUM HIGH FOREST AREA MAY CONTAIN SIGNIFICANT HEIGHT ERRORS, THIS HAS NOT BEEN SURVEYED BY MONTEATH & POWYS.
- UNDERGROUND SERVICES HAVE BEEN SURVEYED AT GROUND LEVEL. DEPTH SHOWN DENOTES APPROXIMATE DEPTH TO SERVICE.
- 4. ONLY VISIBLE SERVICES HAVE BEEN LOCATED BY SURVEY. THE POSITION OF THE UNDERGROUND SERVICES IS BASED ON ELECTROMAGNETIC LOCATION METHODS AND IS APPROXIMATE ONLY. MONTEATH AND POWYS ADVISE THE REQUIREMENT FOR POSITIVE IDENTIFICATION PRIOR TO EXCAVATION OR CONSTRUCTION IN THEIR VICINITY.
- 5. NOT ALL SERVICE INFORMATION MAY BE SHOWN DUE TO UNAVAILABILITY OF SERVICE PLANS OR CURRENT INFORMATION.
- 6. INDEPENDENT INQUIRIES FOR UP TO DATE SERVICE LOCATIONS THROUGH THE RELEVANT AUTHORITIES MUST BE UNDERTAKEN PRIOR TO COMMENCEMENT OF ANY WORKS/EXCAVATION. EXACT SERVICE POSITIONS SHOULD BE ESTABLISHED BY APPROPRIATE MEANS. WE RECOMMEND PROFESSIONAL SERVICE LOCATORS.
- 7. SERVICE DEPTHS AND INVERT LEVELS ARE SHOWN IN CAD PLAN WITHIN LAYER "SERVICE
- 8. SOME SERVICES SHOWN ARE FROM DBYD INFORMATION. THE POSITION OF THE UNDERGROUND SERVICES HAS NOT BEEN VERIFIED AND HAS BEEN SCALED FROM THE RELEVANT AUTHORITY'S SERVICES PLANS USING THE "DIAL BEFORE YOU DIG" SERVICE. SEARCH DATE: 10/07/2021. A PREFIX OF "DBYD\_" IS USED ON LAYERS IN THE CAD FILE TO DENOTE THIS INFORMATION.
- THE BOUNDARY DIMENSIONS SHOWN ARE BASED ON DP1183279 DATED 03/12/2014. FURTHER SURVEY INVESTIGATION IS RECOMMENDED PRIOR TO DESIGN OR WORKS CLOSE TO OR ON THE BOUNDARY, OR PROSCRIBED SET BACKS.
- CRITICAL LEVELS (EG FLOOR LEVELS) AND CRITICAL LOCATIONS (EG STRUCTURES) MUST BE VERIFIED BY FURTHER SURVEY PRIOR TO FINAL DESIGN.
- NO EXCAVATIONS HAVE BEEN MADE TO DETERMINE THE EXTENT TO WHICH ANY SUBJECT WALLS, FOUNDATIONS OR FOOTINGS MAY ENCROACH UPON ADJOINING LAND.
- 8. NO EXCAVATIONS HAVE BEEN MADE TO DETERMINE THE EXTENT TO WHICH ANY ADJOINING WALLS, FOUNDATIONS OR FOOTINGS MAY ENCROACH UPON SUBJECT LAND.
- ALL TREE DIMENSIONS (SPREAD) HAVE BEEN ESTIMATED. IF ACCURATE DIMENSIONS ARE REQUIRED FOR DESIGN PURPOSES, FURTHER SURVEY SHOULD BE REQUESTED.
- 10. CONTOURS SHOWN DEPICT THE TOPOGRAPHY. CONTOURS DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT, EXCEPT AT SPOT LEVELS SHOWN.
- 11. SURVEY COMPLETED USING LASER SCANNING METHODS, LASER SCANNING IS A LINE OF SIGHT TOOL, ANY OBSTRUCTIONS ONSITE WILL APPEAR WITHIN THE POINT CLOUD.
- 12. MONTEATH & POWYS CAN UNDERTAKE ADDITIONAL DATA EXTRACTION, DETAIL SURVEY, OR 3D MODELLING BASED ON THE POINT CLOUD AT ANY TIME UPON REQUEST.
- 13. THIS PLAN MUST REMAIN UNALTERED AS ISSUED BY MONTEATH AND POWYS. ALTERING ANY PART OF THIS PLAN DESTROYS THE INTEGRITY OF THE PLAN. ANY REVISIONS REQUESTED MUST BE ISSUED BY MONTEATH AND POWYS.
- 14. THESE NOTES ARE AN INTEGRAL PART OF THIS PLAN. REPRODUCTION OF THIS PLAN OR OF ANY PART OF THIS PLAN WITHOUT THESE NOTES BEING INCLUDED IN FULL WILL RENDER THE INFORMATION SHOWN ON SUCH REPRODUCTION INVALID AND NOT SUITABLE FOR USE.

## SERVICES IMPORTANT NOTES

- PITS NOTED "INACCESSIBLE" EITHER COULDN'T BE OPENED, WERE BLOCKED OR COULD NOT BE ACCESSED.
- UTT UNABLE TO TRACE

EOT - END OF TRACE

UTL - UNABLE TO LIFT

- 3. SERVICES WITH THE NOTATION A, B, C OR D ALL REFER TO THE QUALITY LEVELS AS NOTED IN NOTE 4.
- 4. SUBSURFACE UTILITY INFORMATION (SUI) AS548B. CLASS LABELLING OF UTILITY INFORMATION IS BASED ON 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.

OL-B: INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL 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, GROUND PENETRATING RADAR AND ACCUSTIC PULSE CQUIPMENT. THIS IS THE MOST COMMON FORM OF UTILITY LOCATING AND ALTHOUGH AN X, Y AND Z AXIS CAN BE ESTABLISHED IT IS NOT ALWAYS ENTRELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND MULTIPLE BANKS OF CABLES AFFECTING THE LOCATING SIGNAL.

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—YQU—DIG PLANS TO "DRAW" A STRING WHICH SHOWS THE APPROXIMATE POSITION OF SERVICES; THIS METHOD DICS NOT USUALLY SHOW MULTIFLE BANKS OF CABLES AND DOES NOT ALWAYS SHOW THREE DIMENSIONAL INFORMATION. ELECTRONICALLY TRACED LOCATE MARKS WITH POOR SCRATCHY SIGNALS ARE REPRESENTED AS QL—C.

QL—D: INFORMATION IS THE MOST BASIC LEVEL OF UTILITY LOCATIONS USING ONLY INFORMATION BASED ON EXISTING DIAL—BEFORE—YQU—DIG PLANS AND BY MEASURING BOUNDARY OFFSETS 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. GPR SCANS ARE ALSO REPRESENTED AS QL—D AS THE OPP IMAGE CANNOT BE CONFIRMED TO IT'S ORIGIN POINT. DEPTHS ON GPR SCAN MUST BE TREATED AS INDICATIVE ONLY.

## DENOTES TREE SURVEYED BY MONTEATH & POWYS

LEGEND

- SURVEY INFORMATION 1. DATE OF SURVEY - 15/06/2021-18/06/2021
- 2. SURVEY IS BASED ON GROUND COORDINATES.
- 3. ORIGIN OF COORDINATES IS PM34021 E323247.856 N6258881.190

REDUCTION RATIO - 1:1000 (A1) REDUCTION RATIO - 1:2000 (A3)

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DENOTES TREE SURVEYED BY EXTERNAL SURVEYOR (POSITION UNVERIFIED). DUE TO THE INACCESSIBILITY OF THE AREA THE GROUND HEIGHT AT THE TREE WAS UNABLE TO BE OBTAINED.

- 4. SURVEY LEVELS ARE BASED ON AUSTRALIA HEIGHT DATUM (AHD71)
- 5. ORIGIN OF LEVELS IS PM34020 RL92.472
- 6. CONTOUR INTERVAL OF 0.2m
- 7. ESTIMATED ACCURACY OF POINT CLOUD ±0.01m
- 8. ESTIMATED ACCURACY OF DETAIL SURVEY ±0.02m

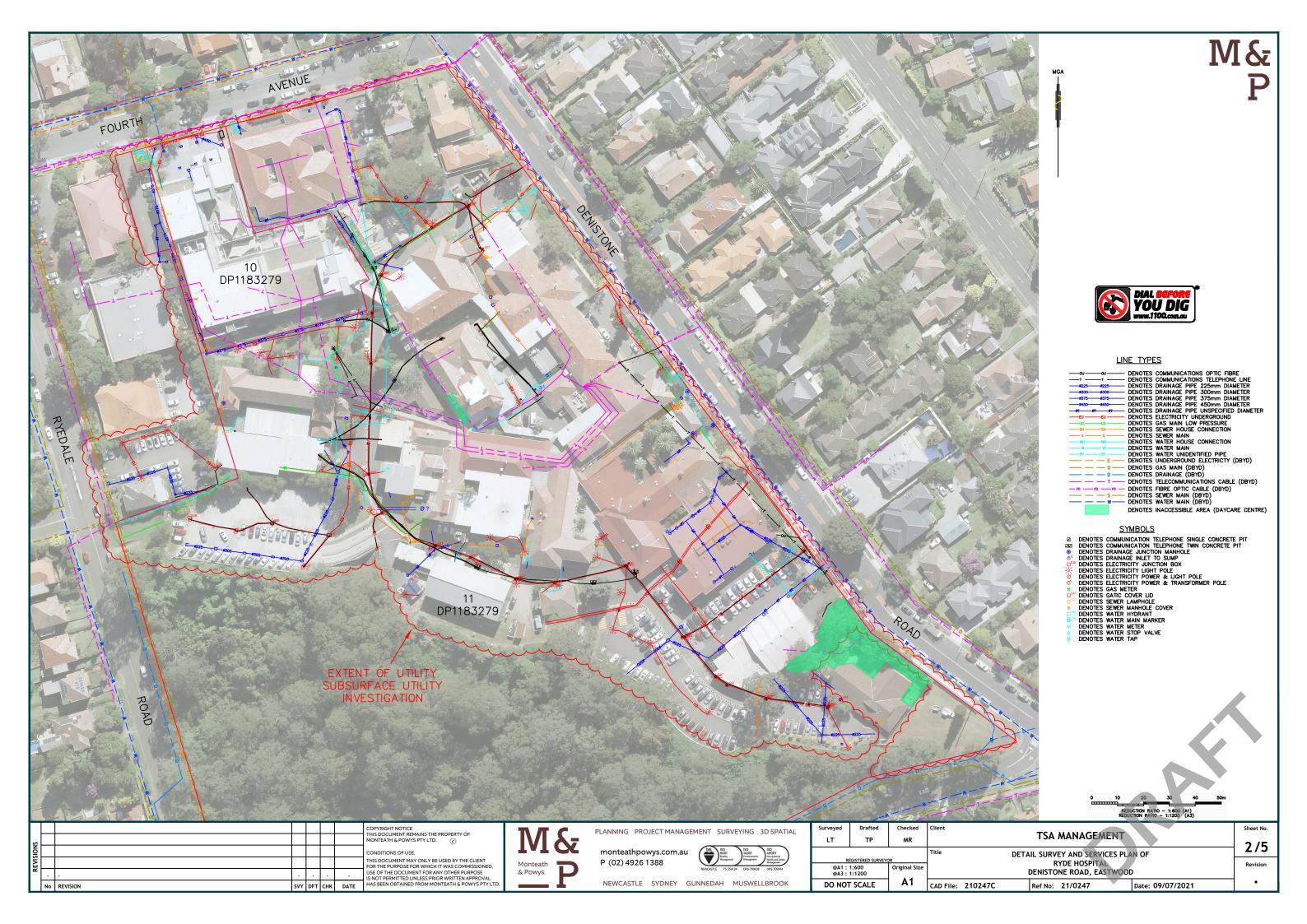
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REGISTERED SURVEYOR				RYDE HOSPITAL					Revision	
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@A3:	1:2000			DENISTONE ROAD, EAST WOOD						
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## AVENUE FOURTH 10 DP1183279 DP1183279 SHEET 5 DIAL BEFORE YOU DIG www.1100.com.au LINE TYPES DENOTES DISH DRAIN DENOTES FENCING DENOTES FENCING DENOTES RETAINING WALL DENOTES BEDE OF CONCRETE TOP DENOTES TOP OF BANK DENOTES TOP OF BANK DENOTES CORE OF BANK DENOTES CORE OF BITUMEN DENOTES EDGE OF GRAVEL DENOTES EDGE OF GRAVEL DENOTES EDGE OF GRAVEL DENOTES EDGE OF GARDEN DENOTES EDGE OF GARDEN DENOTES EDGE OF GARDEN DENOTES INACCESSIBLE AREA (DAYCARE CENTRE) - EASEMENT TO DRAIN WATER 2.5 WDE (DP1183279) - EASEMENT FOR ELECTRICITY & OTHER PURPOSES 3.36 WDE (DP1183279) - EASEMENT FOR OVERHEAD BRIDGE 3.0, 3.2, 3.145 WDE & VARIABLE LIMITED IN HEIGHT & DEPTH (DP1183279) - EASEMENT FOR SUPPORT VARIABLE WIDTH LIMITED IN HEIGHT (DP1183279) - RIGHT OF WAY 4.55 WDE & VARIABLE (DP1183279) - POSITIVE COVENANT (DP1183279) REDUCTION RATIO - 1:1000 (A1) REDUCTION RATIO - 1:2000 (A3) COPYRIGHT NOTICE THIS DOCUMENT REMAINS THE PROPERTY OF Sheet No. PLANNING PROJECT MANAGEMENT SURVEYING 3D SPATIAL TSA MANAGEMENT HIS DOCUMENT REMAINS THE . MONTEATH & POWYS PTY LTD. TP LT MR 3/5 DETAIL SURVEY AND SERVICES PLAN OF RYDE HOSPITAL DENISTONE ROAD, EASTWOOD CONDITIONS OF USE. monteathpowys.com.au THIS DOCUMENT MAY ONLY BE USED BY THE CLIENT FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED. USE OF THE DOCUMENT FOR ANY OTHER PURPOSE IS NOT PERMITTED UNLESS PRIOR WRITTEN APPROVAL HAS BEEN OBTAINED FROM MONTEATH & POWYS PTY LTI P (02) 4926 1388 Revision Monteath @A1:1:1000 @A3:1:2000 & Powys Α1 NEWCASTLE SYDNEY GUNNEDAH MUSWELLBROOK DO NOT SCALE CAD File: 210247C Ref No: 21/0247 Date: 09/07/2021 No REVISION



