# TREE SCHEDULE

F	POINT No.	HEIGHT	CANOPY	TRUNK DIA	POINT No.	HEIGHT	CANOPY	TRUNK DIA
Γ	1 2	10 25	7 18	0.4 0.6	94 95	15 12	8 6	0.6 0.3
	3	20	12	0.8	96	15	10	0.5
	4 5	20 20	8 5	0.4 0.3	97 98	15 11	8	0.5 0.3
	6	20	5	0.3	99	15	8	0.3
	7 8	20 20	6 6	0.4 0.4	100 101	11 14	6 8	0.3 0.4
	9	20	8	0.5	102	10	8	0.4
	10 11	20 20	8 12	0.5 0.6	103 104	14 1	8	0.4 1.4
	12	20	16	0.8	104	15	8	0.4
	13 14	15 15	6 10	0.5 0.5	106 107	13 10	9	0.5 0.3
	15	10	4	0.3	107	13	9	0.6
	16 17	15 20	10 20	0.5 1	109 110	14 12	8 6	0.4 0.3
	18	10	12	0.6	111	8	6	0.3
	19 20	10 10	10 8	0.5 0.4	112 113	10 10	7 8	0.4 0.4
	21	15	14	0.7	114	10	7	0.6
	22 23	20 15	16 10	0.8 0.5	115 116	8 10	5 6	0.3 0.3
	24	20	18	0.9	117	20	16	0.8
	25 26	20 20	16 14	0.8 0.7	118 119	13 5	9	0.5 0.2
	27	20	18	0.9	120	13	9	0.5 0.3
	28 29	20 20	14 14	0.7 0.7	121 122	5 11	6 8	0.3
	30	20	16	0.8	123	11	6	0.4 0.3
	31 32	15 20	16 20	0.8 1	124 125	15 11	8 9	0.4 0.4
	33	20	14	0.7	126	13	9	0.5
	34 35	20 26	14 21	0.7 1.2	127 128	9 12	5 6	0.4 0.3
	36	20	14	0.7	129	15	10	0.5
	37 38	13 14	9	0.3 0.5	130 131	10 11	8 5	0.4 0.4
	39	10	6	0.3	132	11	8	0.3
	40 41	10 15	8 10	0.4 0.4	133 134	10 11	8 6	0.4 0.3
	42	10	6	0.3	135	10	9	0.3 0.3
	43 44	15 10	5 6	0.3 0.3	136 137	10 13	5 9	0.5
	45	14	6	0.5	138	7 13	4	0.5 0.3 0.3 0.7 0.4
	46 47	15 13	12 9	0.6 0.5	139 140	10	5 5 8	0.3
	48 49	10 15	8 10	0.4 0.5	141	7 13	8 9	0.4 0.5
	50	15	10	0.5	142 143	12	9	0.3
	51 52	10 15	10 12	0.5 0.6	144 145	11 15	10 6	0.6 0.5
	53	10	10	0.3	146	7	8	0.5
	54 55	10 10	10 6	0.5 0.5	147 148	3 12	3 8	0.1 0.3
	56	15	14	0.7	149	15	16	0.8
	57 58	7 8	5 6	0.2 0.3	150 151	13 8	9	0.5 0.2
	59	16	16	1.1	152	13	9	0.5
	60 61	10 7	6 5	0.3 0.2	153 154	13 10	9	0.5 0.2
	62	10	10	0.5	155	8	3 3	0.2
	63 64	10 10	4 6	0.2 0.3	156 157	8 20	18	0.2 0.9
	65	10	6	0.3	158	20	14	0.7 0.5
	66 67	10 15	6 7	0.4 0.3	159 160	13 15	9 12	0.5
	68 69	10 10	6 8	0.3 0.4	161 162	13 15	9 8	0.5 0.4
	70	13	7	0.4	163	20	12	0.6
	71 72	15 10	7 6	0.5 0.3	164 165	15 5	10 4	0.5 0.2
	73	12	8	0.4	166	5	4	0.3
	74 75	16 10	11 4	0.6 0.2	167 168	15 15	10 10	0.5 0.5
	76	14	7	0.5	169	20	16	0.8
	77 78	13 12	6 6	0.3 0.2	170 171	2 5	1.5 4	0.2 0.2
	79	20	10	0.5	172	15	12	0.6
	80 81	13 12	12 6	0.9 0.3	173 174	20 15	10 10	0.5 0.5
	82	9	8	0.6	175	20	16	0.8
	83 84	10 10	4 6	0.2 0.3	176 177	10 15	8 12	0.4 0.6
	85	10	6	0.3	178	7	4	0.2
	86 87	12 20	6 14	0.3 0.7	179 180	10 15	6 18	0.3 0.9
	88	12	6	0.3	181	10	8	0.4
	89 90	15 12	6 6	0.7 0.3	182 183	20 10	10 8	0.5 0.4
	91 92	10 13	8	0.4 0.6	184 185	15 15	10 8	0.5 0.4
Į	92 93	9	6 3	0.6	186	15	14	0.4

TREE POINT NUMBERS FOUND NEAR TREE TRUNK SYMBOL.

## TYPICAL SERVICE LOCATED POINT

DEPTH FROM SURFACE (SEE NOTES) REFER NOTE 6 OF IMPORTANT SERVICES NOTES REGARDING ATTRIBUTES SURFACE HEIGHT

#### SERVICES INFORMATION

SUBSURFACE UTILITY INFORMATION (SUI) AS548B. CLASS LABELLING OF UTILITY INFORMATION IS BASED ON A CLASSIFICATION CODE WHICH 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.

- QLA: INFORMATION IS THE HIGHEST POSSIBLE LEVEL OF ACCURACY AND IS OBTAINED BY EXPOSING THE UNDERGROUND UTILITY USING A NON-DESTRUCTIVE EXCAVATION (POT HOLING) 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.
- 2. OLE: INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC
  PIPE AND CABLE LOCATIONS, SONDES OR FLEXI—TRACE, GROUND PENETRATING RADAR AND ACQUISTIC PULSE EQUIPMENT.
  THIS IS THE MOST COMMON FORM OF UTILITY LOCATING AND ALTHOUGH AN X, Y AND Z AXIS CAN BE ESTABLISHED IT IS
  NOT ALWAYS ENTRIELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND MULTIPLE BANKS
  OF CABLES AFFECTING THE LOCATING SIGNAL.
- 3. QL-C: INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF WISIBLE 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 USUAL DIAL SURVEY SHOW MULTIPLE BANKS OF CABLES AND DOES NOT ALWAYS SHOW THREE DIMENSIONAL INFORMATION. ELECTRONICALLY TRACED LOCATE MARKS WITH POOR SCRAFCHY SIGNALS ARE REPRESENTED AS QL-C.
- 4. 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 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 GPR IMAGE CANNOT BE CONFIRMED TO IT'S ORIGIN POINT. DEPTHS ON OFP SCAN MUST BE TREATED AS INDICATIVE ONLY.

#### IMPORTANT SERVICE NOTES

- THE EXTENT OF THE SERVICES LOCATING SCOPE IS LIMITED AND DOES NOT COVER THE FULL SITE. IT IS IMPORTANT TO BE AWARE OF THIS LIMITED AREA AND UNDERSTAND NO SERVICES HAVE BEEN SEARCHED FOR OUTSIDE OF THIS AREA. AS SUCH ANY EXISTING SERVICES OUTSIDE THIS AREA MILL NOT BE SHOWN ON THIS PLAY.
- 2. THE POSITION OF SERVICES LOCATED BY ACCREDITED SERVICES CONTRACTOR USING CONDUCTIVE TRACING TECHNIQUES ARE RECORDED ON THIS PLAN. MONTEATH & POWYS ARE UNABLE TO VERIFY THE ACCURACY OF THESE LOCATIONS AND ADVISE THE REQUIREMENT FOR POSITIVE DENTIFICATION PRIOR TO EXCAVATION OR CONSTRUCTION THEIR VICINITY. ANY DEPTHS OF SERVICES FROM INDUCTIVE TRACING WHICH ARE INDICATED ON THIS PLAN. ARE INDICATIVE ONLY AND SHOULD BE VERIFIED BY POTHOLING IF CRITICAL TO DESIGN. IN THE CAD MODEL INFORMATION BY THE SERVICE LOCATOR IS FOUND ON LAYER NAMES WITH THE PREFIX "UTILITY SCAN".
- 3. UNLESS OTHERWISE NOTED, DEPTHS INDICTATED FOR SERVICES LOCATED BY GPR METHODS ARE TO TOP OF SERVICE, FOR SERVICES LOCATED BY ELECTROMAGNETIC METHOD DEPTHS ARE TO EXTINCT OF SERVICES, EXCEPTIONS TO THIS ARE SWERE AND STORMWATER WHICH DEPTHS ARE TO BOTTOM OF SERVICE, ANY DEPTHS OF SERVICES FROM INDUCTIVE TRACING WHICH ARE INDICATED ON THIS PLAN ARE INDICATIVE ONLY AND SHOULD BE VERIFIED BY POTHOLING IF CRITICAL TO DESIGN, SEE "SERVICES INFORMATION" NOTES ABOUT CLASS LABELLING
- 4. SOME SERVICES WERE UNABLE TO BE TRACED OR THE FULL LENGTH WAS NOT ACCESSIBLE. FURTHER SERVICE LOCATION IS REQUIRED PRIOR TO FINAL DESIGN OR CONSTRUCTION.
- 5. NOT ALL SERVICE INFORMATION MAY BE SHOWN DUE TO UNAVAILABILITY OF SERVICE PLANS OR CURRENT INFORMATION.
- 6. THE SERVICES SHOWN IN THIS PLAN HAVE POINT CROSSES WITH ATTRIBUTES. THE ATTRIBUTES CONTAIN INFORMATION RELATED TO THE SERVICE BEING LOCATED. IF USING AUTOCAD, THESE ATTRIBUTES CAN BE TURNED ON OR OFF USING THE ATTRIBUTE CONTAINS. ALSO CLICKING ON THE POINT CROSS AND VIEWING THE PROPERTIES OF THAT POINT CROSS WILL LIST THE ATTRIBUTE THE ATTRIBUTE.
- 7. ONLY VISIBLE SERVICES HAVE BEEN LOCATED BY SURVEY.
- INDEPENDENT ENQUIRIES 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.
- 9. SERVICES INTERNAL TO THE BUILDING HAVE NOT BEEN LOCATED IN THIS SURVEY.
- 10. ALL SERVICES LOCATED BY SURVEY ARE MODELLED AT GROUND LEVEL.

# SERVICES LINE TYPES

D(A) D(A)	DRAINAGE LINE CLASS A
D(8) D(8)	DRAINAGE LINE CLASS B
	DRAINAGE LINE CLASS C
D(D) D(D)	DRAINAGE LINE CLASS D
	UNDERGROUND ELECTRICAL CABLE CLASS A
—— E(B) —— E(B) ———	UNDERGROUND ELECTRICAL CABLE CLASS B
	UNDERGROUND ELECTRICAL CABLE CLASS C
	UNDERGROUND ELECTRICAL CABLE CLASS D
T(A) T(A)	UNDERGROUND TELECOMMUNICATIONS CABLE CLASS A
1(8) 1(8)	UNDERGROUND TELECOMMUNICATIONS CABLE CLASS B
T(C) T(C)	UNDERGROUND TELECOMMUNICATIONS CABLE CLASS C
1(D) 1(D)	UNDERGROUND TELECOMMUNICATIONS CABLE CLASS D
G(A) G(A)	GAS MAIN CLASS A
c(8) c(8)	GAS MAIN CLASS B
	GAS MAIN CLASS C
G(D) G(D)	GAS MAIN CLASS D
S(A) S(A)	SEWER MAIN CLASS A
	SEWER MAIN CLASS B
s(c) s(c)	SEWER MAIN CLASS C
	SEWER MAIN CLASS D
	WATER MAIN CLASS A
w(8) w(8)	WATER MAIN CLASS B
	WATER MAIN CLASS C
	WATER MAIN CLASS D

### **IMPORTANT NOTES**

- THE BOUNDARIES SHOWN ON THIS PLAN ARE BASED ON OUR FIELD SURVEY. TO FORMALISE THESE DIMENSIONS, WE WOULD RECOMMEND THE PREPARATION OF A REDEFINITION PLAN, SUITABLE FOR LODGEMENT AND REGISTRATION WITH NSW LAND REGISTRY SERVICES.
- THIS PLAN SHOULD NOT BE USED FOR BUILDING WORKS CLOSE TO OR ON THE BOUNDARY, OR TO PROSCRIBED SET-BACKS WITHOUT FURTHER SURVEY INVESTIGATION.
- 4. NO EXCAVATIONS HAVE BEEN MADE TO DETERMINE THE EXTENT TO WHICH ANY SUBJECT WALLS, FOUNDATIONS OR FOOTINGS MAY ENCROACH UPON ADJOINING LAND.
- 5. ADDITIONAL NOTES AND TREE SCHEDULE ON SHEET 3.
- ALL TREE DIMENSIONS, HEIGHT (H), CANOPY (C) AND TRUNK DIAMETER (D) HAVE BEEN ESTIMATED. IF ACCURATE DIMENSIONS ARE REQUIRED FOR DESIGN PURPOSES, FURTHER SURVEY SHOULD BE REQUESTED.
- CONTOURS SHOWN DEPICT THE TOPOGRAPHY. CONTOURS DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT, EXCEPT AT SPOT LEVELS SHOWN.
- THIS PLAN MUST REMAIN UNALTERED AS ISSUED BY MONTEATH & POWYS. ALTERING ANY PART OF THIS PLAN DESTROYS THE INTEGRITY OF THE PLAN. ANY REVISIONS REQUESTED MUST BE ISSUED BY MONTEATH & POWYS.
- 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.

## SURVEY INFORMATION

- 1. THE SURVEY IS ON GROUND CO-ORDINATES.
- -THE ORIGIN OF CO-ORDINATES IS PM 15573 MGA CO-ORDINATES E 381677.152 N 6372169.240 (GDA 2020) (ZONE 56) -SOURCE OF CO-ORDINATES: SCIMS -DATE 12/11/2021
- 2. ALL REDUCED LEVELS ARE ON AUSTRALIAN HEIGHT DATUM (A.H.D)
  - -ORIGIN OF LEVELS PM 15573. RL6.639 -SOURCE OF REDUCED LEVELS: SCIMS
  - -DATE OF REDUCED LEVELS 28/05/2020
- 3. CONTOUR INTERVAL IS 0.1m.
- 4. MGA AND ISG CO-ORDINATE SYSTEMS ARE BASED ON A MATHEMATICAL EARTH MODEL AND SUBJECT TO VARIABLE SCALE FACTORS. DISTANCES CALCULATED FROM CO-ORDINATES MAY VARY SIGNIFICANTLY FROM GROUND MEASUREMENTS. IF FURTHER CLARIFICATION IS REQUIRED CONTACT MONTEATH AND POWYS.

## **LEGEND**

HYD WATER HYDRANT MPIT MISCELLANEOUS PIT

SGN	SIGN POST	
TPT	TELECOMMUNICATIONS I	PΙ
<u>SY</u> I	<u>MBOLOGY</u>	
D	DRAINAGE PIT	
_		
E	ELECTRICAL PIT	
	WATER TAR	

IPS SEWER INSPECTION POINT

WATER HYDRANT COMMUNICATION PIT DOWN PIPE

FLOOR LEVEL SEWER INSPECTION POINT

# LINE TYPES

LII	NL IIF	<u>_J</u>
D	DENOTES	STORMWATER PIPE
	DENOTES	DISH DRAIN
— Е — —	DENOTES	UNDERGROUND ELECTRICITY CABLE
— т — —	DENOTES	TELECOMMUNICATIONS CABLE
— F0 — F0 — F0 — F0 —	DENOTES	FIBRE OPTIC CABLE
—— G ———	DENOTES	GAS MAIN
- s s s s s	DENOTES	SEWER MAIN
—— w———	DENOTES	WATER MAIN
	DENOTES	FENCING
	DENOTES	RETAINING WALL
	DENOTES	EDGE OF CONCRETE
TOP	DENOTES	TOP OF BANK
TOE	DENOTES	TOE OF BANK
	DENOTES	CENTRELINE OF BITUMEN
		EDGE OF BITUMEN
	DENOTES	EDGE OF GRAVEL
		EDGE OF TREE LINE
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	DENOTES	EXTENT OF SERVICE LOCATION

# SCHEDULE OF CONTROL CO-ORDINATES

STATION	EASTING	NORTHING	RL	DESCRIPTION		
100	381733.389	6372216.894		SV GIN		
110	381590.170	6372233.371		SV DH		
120	381530.418	6372148.610		SV NAIL		
150	381496.528	6372050.484		SV DPY		
210	381429.344	6372192.887		SV NAIL		
2183	381588.269	6372121.853		SV GIN		
15573	381677.152	6372169.240	6.639	PM 15573		
120566	381808.884	6372406.257		SSM 110567		



0	20	40	60	80	100m				
		DUCTION PATI	0 - 1:1000 (4	\1\					
REDUCTION RATIO — 1:1000 (A1) REDUCTION RATIO — 1:2000 (A3)									

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Monteath & Powys

PLANNING PROJECT MANAGEMENT SURVEYING



Ju. reje	G PROJECT MANAGEMENT SURVEYING 3D SPATIAL	LANNING PR
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DO I	ASTLE SYDNEY GUNNEDAH MUSWELLBROOK	NEWCASTLE

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Surveyed	Drafted	Checked	Client	CCHC	OL INI		- NCW	Sheet No.	
LS	MAK	BW		SCHOOL INFRASTRUCTURE NSW					
Title DETAIL SURVEY OF PART OF LOT 1 DP 120189, LOT 1 DP 540114 &						1/10			
	GISTERED SURVEYO			LOT 1 DP 579025 - HUNTER RIVER HIGH SCHOOL				Revision	
@A1:		Original Size		ELKINS AVENUE, RAYMOND TERRACE					
DO NOT	SCALE	A1	CAD File:	220310A_02	Ref No:	22/0310	Date: 19/08/2022	4	

















